YWCA FACILITY

New Daycare, Education and Counseling Building

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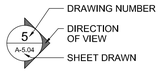
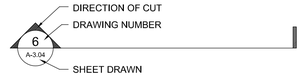
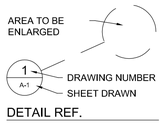
Architectural Symbols



ELEVATION REF.



SECTION REFERENCE



DETAIL REF.

PROPERTY LINE

Zoning Classification:
Commercial C-2

Building Areas:

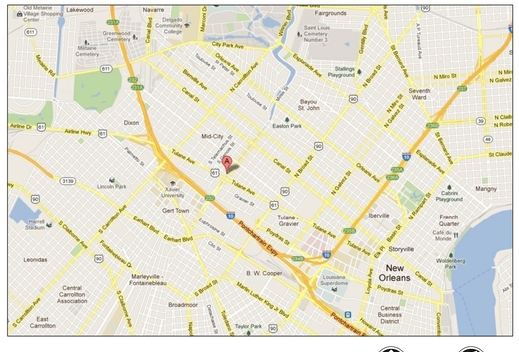
1st Floor Conditioned Space:	10,175 sf
2nd Floor Conditioned Space:	6,057 sf
Gross Total Conditioned Spaces:	16,232 sf
Outdoor Covered Spaces:	735 sf
Gross Total Under Roof:	16,967 sf
Outdoor Storages:	493 sf

Construction Type:
New Construction IIB as per IBC 2018 edition, NFPA 101
and ADA/ABA Guidelines 2010 Standard

Occupancy Type:
Mixed Occupancy
Primary Occupancy: Educational, Business
Secondary Occupancy: Assembly

Fire Protection:
All buildings to be fully sprinklered
in accordance with NFPA 13 (latest edition)

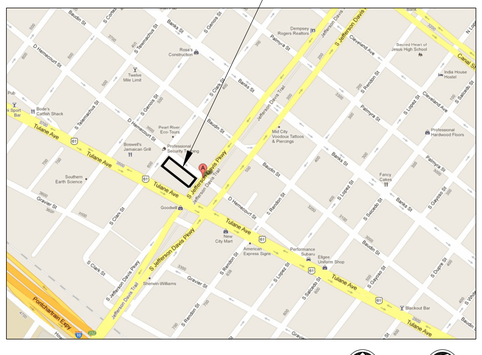
Flood Design:
AE Flood Zone



1 Vicinity Map - Macro
A-0.00 | A-0.00

TRUE NORTH PLAN NORTH

NOT TO SCALE



2 Location Map - Micro
A-0.00 | A-0.00

TRUE NORTH PLAN NORTH

NOT TO SCALE

Index of Sheets

NO.	DESCRIPTION	ISSUE	REV
ARCHITECTURAL			
A-0.00	Title Sheet & Index		
A-0.01	Code Analysis & Occupancy Plans		
A-0.02	Code Analysis & Occupancy Plans		
A-0.03	ADA and Device Mounting Heights		
A-0.04	ADAAG Details Mounting Heights		
A-0.05	Site Survey		
A-0.06	Base Bid and Alternates		
A-1.00	Demolition Plan		
A-1.01	Site Plan		
A-1.02A	Enlarged Site Plan Alternate #1		
A-1.02B	Enlarged Site Plan Alternate #1		
A-1.02C	Ramp, Stair, Storage & Exterior Details Alternate #1		
A-2.01.0	First Floor - Slab Plan		
A-2.01.1	First Floor - Perimeter Conditions		
A-2.01A	First Floor - Descriptive Plan		
A-2.01B	First Floor - Dimension Plan		
A-2.01C	First Floor - Reflected Ceiling Plan		
A-2.02.0	Second Floor - Slab Plan		
A-2.02A	Second Floor - Descriptive Plan		
A-2.02B	Second Floor - Dimension Plan		
A-2.02C	Second Floor - Reflected Ceiling Plan		
A-2.03A	Roof Plan		
A-2.03B	Roof Details		
A-2.03C	Roof Details		
A-3.01A	Door/Window Types & Schedules		
A-3.01B	Window Types and Head, Jamb & Sill Details		
A-3.02	Door/Window Details		
A-3.03	Door/Window Details		
A-3.04	Door/Window Details		
A-3.10A	Finish Schedule		
A-3.11	Partition Types		
A-3.12	Partition Types		
A-4.01	Exterior Elevations		
A-4.02	Exterior Elevations		
A-4.03	Building Sections		
A-4.04A	Vertical Circulation - Enlarged Plans & Sections		
A-4.04B	Vertical Circulation - Enlarged Plans & Sections		
A-4.04C	Vertical Circulation - Details		
A-4.05	Partial Building Section		
A-4.06	Metal Awning Details		
A-5.01	Wall Sections		
A-5.02	Wall Sections		
A-5.03	Wall Sections		
A-5.04	Wall Sections		
A-6.01	Enlarged Floor Plans & Interior Elevations - Kitchen		
A-6.02A	Enlarged Floor Plans & Interior Elevations - Bathrooms		
A-6.02B	Interior Elevations - Daycare		
A-6.02C	Interior Elevations - Daycare		
A-6.02D	Interior Elevations - Entry & Training		
A-6.03A	Enlarged Floor Plans & Interior Elevations - Second Floor		
A-6.50	Interior Details		
A-6.51	Interior Details		
LANDSCAPE			
L1.00	Existing Site and Drainage Plan		
L1.01	Erosion Control Plan		
L1.02	Erosion Control Details		
L2.00	Proposed Site and Drainage Plan		
L2.01	Green Infrastructure Details		
L3.00	Proposed Landscape Plan		
L3.01	Grading Plan		
L3.02	Planting Plan		
L3.03	Plant Schedule		
L3.04	Site Details		

NO.	DESCRIPTION	ISSUE	REV
CIVIL			
C-0.0	Civil Construction Notes		
C-1.0	Geometric Plan		
C-2.0	Utility Plan		
C-3.0	Paving Plan		
C-4.0	Parking Details		
C-5.0	Paving Details		
C-5.1	Driveway Details		
C-6.0	Sewer Details		
C-7.0	Water Details		
C-8.0	Water Notes		
C-8.1	Sewer Notes		
STRUCTURAL			
S1.0A	General Notes		
S1.0B	General Notes		
S1.0C	General Notes		
S1.1	Pile Plan		
S1.2	Slab Plan		
S1.3	Foundation Plan		
S1.4	Foundation Sections		
S1.5	Foundation Sections		
S1.6	Foundation Sections		
S1.7	Foundation Sections and Detail		
S1.8	Foundation Sections and Details		
S1.9	Pile Cap Details		
S2.0	Second Floor / Low Roof Framing Plan		
S2.1	Roof Framing Plan		
S2.2 ALT.	Canopy Framing Plan and Section		
S2.2	High Roof, Elevator Roof, and Awning Framing Plans		
S2.3	Framing Sections		
S2.4	Framing Sections		
S2.5	Framing Sections and Details		
S2.6	Framing Details		
S2.7	Framing Details		
S2.8	Framing Details		
S3.0	Storage Pile Foundation Plans & Section		
KITCHEN			
FS-1	Kitchen		
MECHANICAL			
M001	Mechanical Legend and Notes		
M111	Mechanical Plan First Floor		
M121	Mechanical Plan Second Floor		
M131	Mechanical Roof Plan		
M201	Mechanical Details		
M202	Mechanical Details		
M301	Mechanical Schedules		
PLUMBING			
P001	Plumbing/Sprinkler Legend and Notes		
P111	Plumbing Plan First Floor		
ALT 2	Plumbing Plan First and Second Floor		
P112	Plumbing Domestic First Floor		
ALT 2	Plumbing Domestic First Floor		
P113	Sprinkler Plan First Floor		
P121	Plumbing Plan Second Floor		
P122	Sprinkler Plan Second Floor		
P201	Plumbing Details		
P202	Plumbing Details		
P203	Plumbing Risers		
ELECTRICAL			
E001	Electrical Legend & Notes		
E101	Electrical Site Plan Overall and Enlarged Entry		
E111	Lighting Plan First Floor		
E112	Power Plan First Floor		
E113	Mechanical Power Plan First Floor		
E114	Special Systems Plan First Floor		
E121	Lighting Plan Second Floor		
E122	Power Plan Second Floor		
E123	Mechanical Power Plan Second Floor		
E124	Special Systems Plan Second Floor		
E131	Electrical Roof Plan		
E301	Electrical Details		
E302	Electrical Details		
E303	Electrical Details		
E401	Electrical Schedules		
E402	Electrical Schedules		
E403	Electrical Fixture Schedule		
E501	Electrical One-Line Diagrams		
Exterior Canopy			
B01	Breezeway Canopy Descriptive Plan		
B02	Exterior Elevations		

BID SET - 2025

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Title
Title Sheet & Index

Sheet
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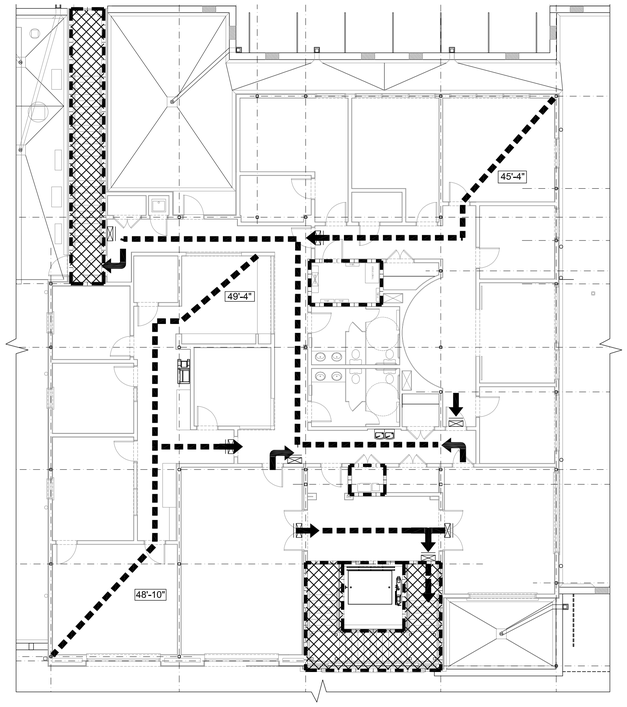
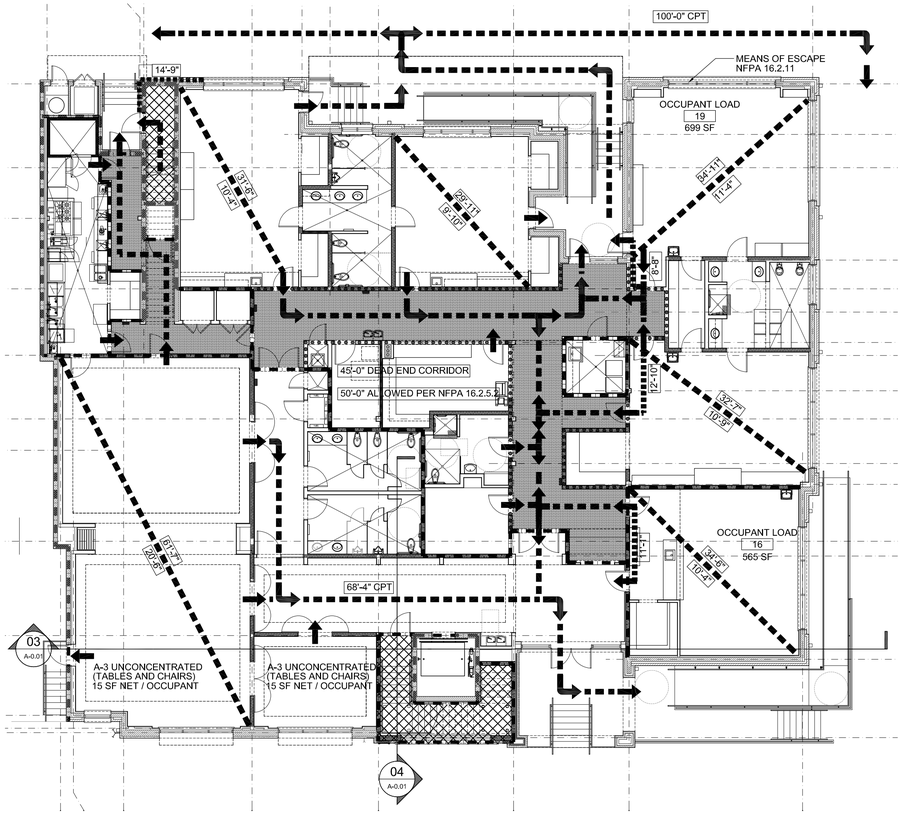


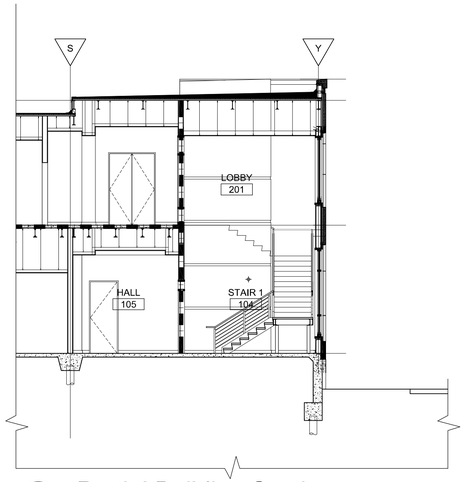
2 Second Floor Plan: Path of Travel

A-0.01 SCALE: 3/32" = 1'-0"



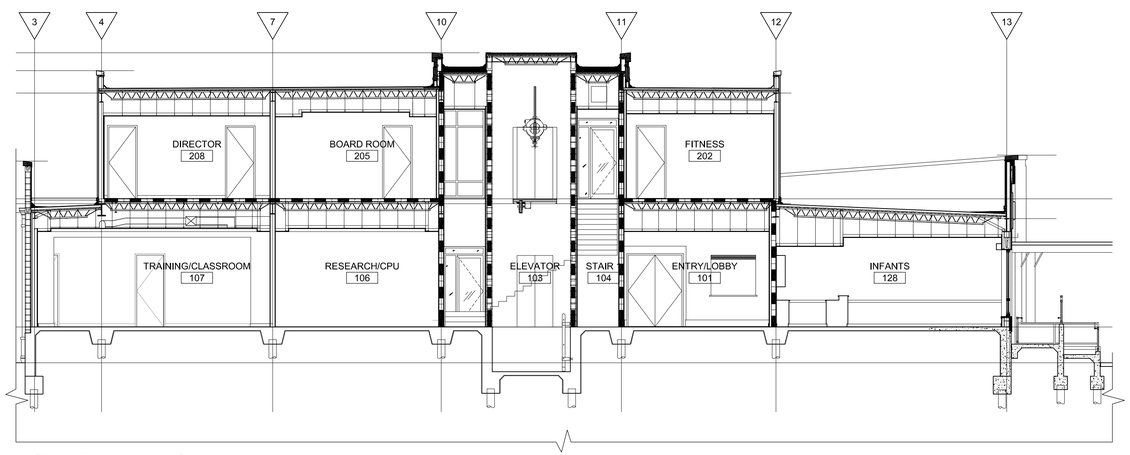
1 First Floor Plan: Path of Travel

A-0.01 SCALE: 3/32" = 1'-0"



4 Partial Building Section

A-0.01 SCALE: 1/8" = 1'-0"



3 Building Section

A-0.01 SCALE: 1/8" = 1'-0"

ROOM	OCCUPANCY	CLASSROOM SQUARE FOOTAGE
INFANTS	9	429*
TODDLERS 1	15	536
TODDLERS 2	19	673
PRESCHOOL 1	12	444
PRESCHOOL 2	14	517
TOTAL	74	2,599

SQUARE FOOTAGE

FIRST FLOOR : 9822 SQ. FT.
SECOND FLOOR : 5786 SQ. FT.

GROSS TOTAL: 15608 SQ. FT.

EXTERIOR WALL - 1 HR. RATING FOR LESS THAN 5' SEPARATION FROM TULANE SIDE./ PER IBC - TABLE 602 OF NEIGHBORING BLDG. 1ST FLOOR WALL

CODE ANALYSIS

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE 2015
- INTERNATIONAL MECH. CODE 2015
- NFPA 101 LIFE SAFETY CODE
- NFPA 10 FIRE EXTINGUISHERS
- NFPA 13 SPRINKLER SYSTEM
- NFPA 70 NATIONAL ELECTRICAL CODE
- NFPA 72 FIRE ALARM SYSTEM
- NFPA 96 HOOD AND EXHAUST SYSTEMS IN COMMERCIAL KITCHENS

DAYCARE OCCUPANCY

SFM - SINGLE EXIT ACCEPTABLE UNDER SFM INTERPRETIVE MEMORANDUM 2009-2 WITH CERTAIN STIPULATIONS:
1. NO MORE THAN 50 PERSONS
2. DOOR DIRECTLY TO OUTSIDE OR EXTERIOR WAY OF EXIST ACCESS
3. COMMON PATH IS NOT INCREASED PER REQUIREMENTS.
NFPA 16.2.5.3.1
NFPA 16.2.5.3.2
IBC - TABLE 1006.3.2(2) - ONE EXIT PERMITTED UNDER 49 OCCUPANTS.

CORRIDORS TABLE 1020.1 (IBC)
E - FIRE - RESISTANCE NOT REQUIRED W/ SPRINKLER SYSTEM.
B - FIRE - RESISTANCE NOT REQUIRED W/ SPRINKLER SYSTEM.
(NOT REQUIRED FOR NFPA 38.3.6.1 (3)

NFPA 16.3.6

CORRIDORS
DAYCARE - EXCEPTION 2 - IN BUILDINGS PROTECTED THROUGHOUT WITH AN APPROVED, SUPERVISED, AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE W/ SECTION 9.7, CORRIDOR WALLS FORM SMOKE PARTITIONS IN ACCORDANCE W/ SECTION 9.7.
EXCEPTION 5 - LAVATORIES SHALL NOT BE REQUIRED TO BE SEPARATED FROM CORRIDORS PROVIDED THAT THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED, AUTOMATIC SPRINKLER SYSTEMS IN ACCORDANCE WITH SECTION 9.7.
THE WALLS SEPARATING THE LAVATORY FROM OTHER ROOMS FORM SMOKE PARTITIONS IN ACCORDANCE WITH 8.4

NFPA 16.3. PROTECTION
16.3.1 PROTECTION OF VERTICAL OPENINGS- ANY VERTICAL OPENING OTHER THAN UNPROTECTED VERTICAL OPENINGS IN ACCORDANCE WITH 8.6.9.1, SHALL BE ENCLOSED OR PROTECTED IN ACCORDANCE WITH SECTION 8.6

*NFPA CHAPTER 12 FOR ASSEMBLY, DAYCARE AND CHAPTER 38 FOR BUSINESS OCCUPANCIES APPLY.

ZONING MU-1 MEDIUM INTENSITY MIXED- USE DISTRIC

CONSTRUCTION TYPE - IIB (TABLE 506.2)

	ALLOWABLE	ACTUAL
E	43,500 / 2 STORIES	5,616 / 1 STORY
A-2	28,500 / 2 STORIES	
B -	69,000 / 2 STORIES	

IBC TABLE 508.4
SEPARATED OCCUPANCIES

BETWEEN ASSEMBLY AND EDUCATIONAL -	NOT REQUIRED
BETWEEN BUSINESS AND ASSEMBLY -	1 HR.
BETWEEN EDUCATIONAL AND BUSINESS -	1 HR.

FIRE ALARM / SMOKE ALARM SYSTEMS

- IBC CHAP. 907; NFPA 101 SECTION 9.6
- NFPA 38.3.4; A FIRE ALARM IN ACCORDANCE WITH NFPA SECTION 9.6 SHALL BE PROVIDED WHEN REQUIRED.

PORTABLE FIRE EXTINGUISHERS

- IBC 906.1; PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED IN OCCUPANCIES AND LOCATIONS REQUIRED BY THE INTERNATIONAL FIRE CODE.
- NFPA 101, 9.9; PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN BUSINESSES, KITCHENS AND KITCHEN; LOCATIONS PER NFPA 10

LEGEND

- SMOKE PARTITION
- 1 HOUR RATED
- SMOKE PROTECTED
- PATH OF EGRESS
- EXIT STAIRWAY
- 19 OCCUPANCY PER ROOM

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PHILA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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Title
Code Analysis & Occupancy Plans

Sheet
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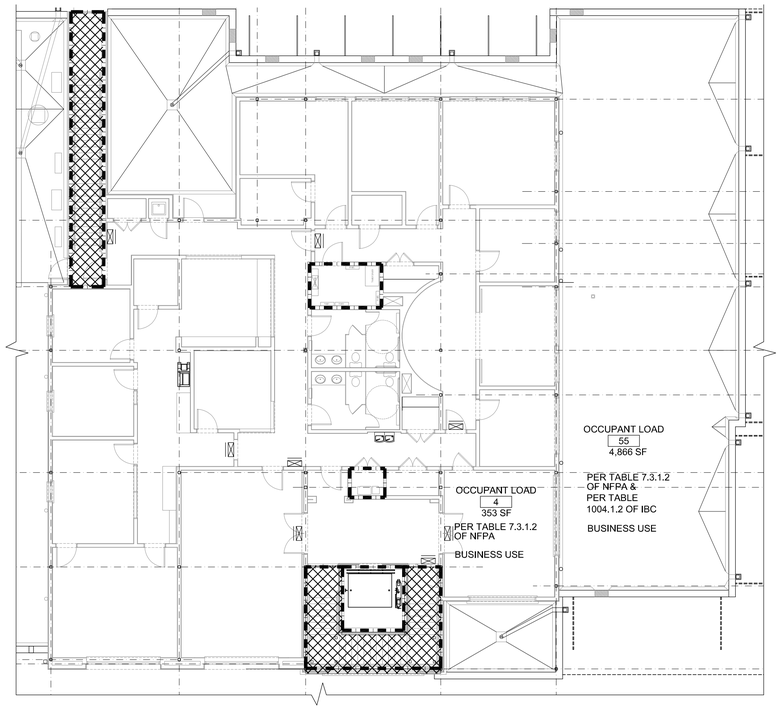
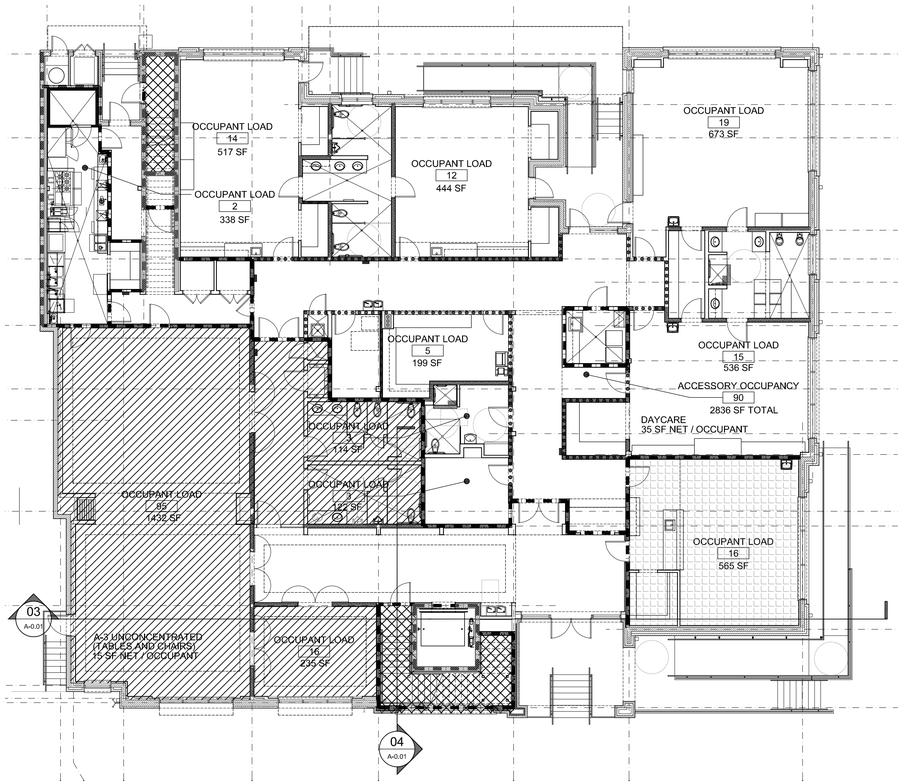


2 Second Floor Occupancy Plan

A-0.02

SCALE: 3/32" = 1'-0"



1 First Floor Occupancy

A-0.02

SCALE: 3/32" = 1'-0"

LEGEND

- SMOKE PARTITION
- 1 HOUR RATED
- SMOKE PROTECTED
- PATH OF EGRESS
- EXIT STAIRWAY
- 19 OCCUPANCY PER ROOM
- ASSEMBLY OCCUPANCY
- DAYCARE OCCUPANCY

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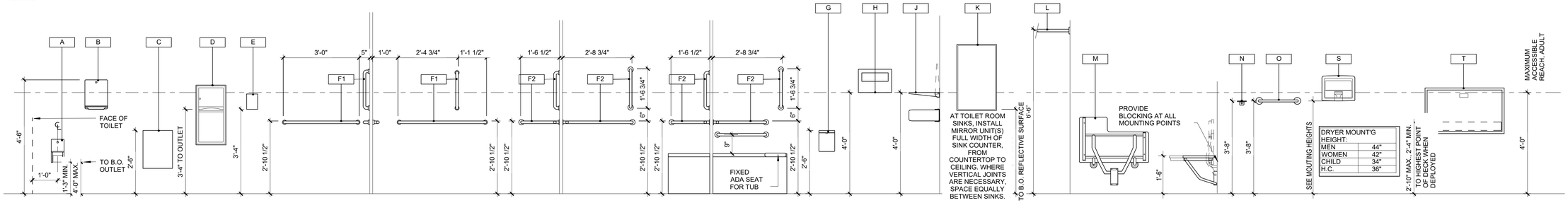
ACCESSORY LEGEND

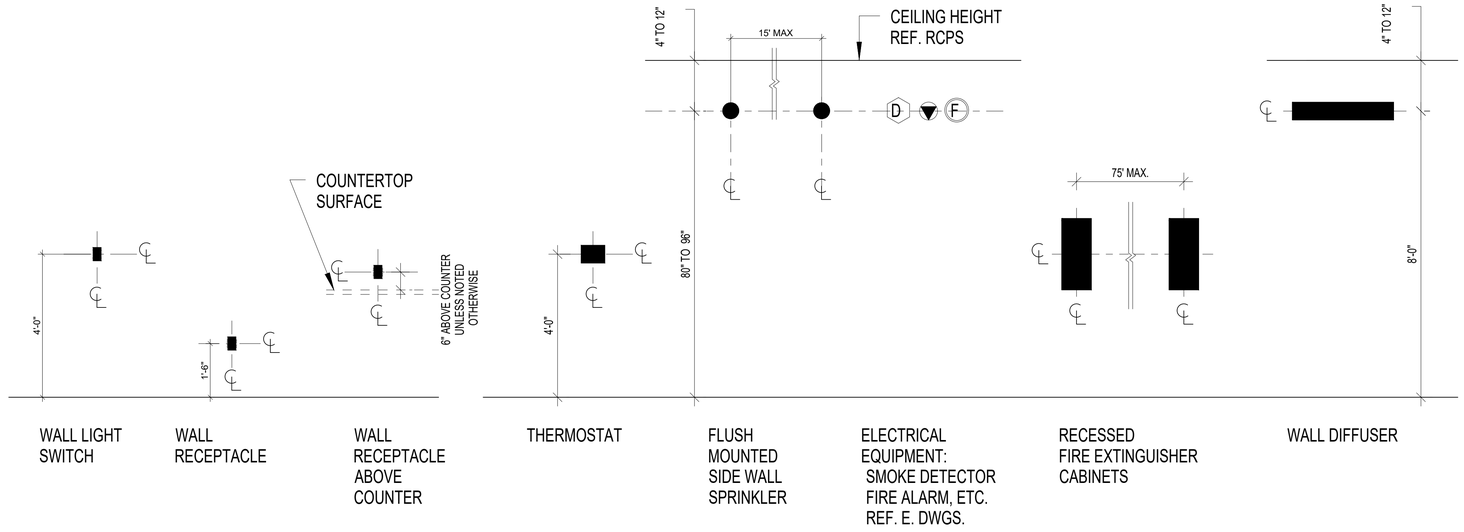
A	TOILET TISSUE DISPENSER	G	SANITARY NAPKIN DISPOSAL UNIT	N	SOAP DISH
B	PAPER TOWEL DISPENSER	H	SEAT-COVER DISPENSER	O	TOWEL BAR
C	WASTE RECEPTACLE	J	FOLD-DOWN PURSE SHELF	R	ROBE HOOK
D	COMBINATION TOWEL DISPENSER/WASTE RECEPTACLE	K	MIRROR UNIT	S	WARM AIR DRYERS
E	LIQUID-SOAP DISPENSER	L	SHOWER CURTAIN ROD	T	DIAPER CHANGING STATION
F1	TOILET COMPARTMENT GRAB BARS	M	FOLDING SHOWER SEAT		
F2	SHOWER GRAB BAR				

ACCESSORY GENERAL NOTES:

1. DIMENSIONS INDICATE AVERAGE MOUNTING HEIGHT FROM FINISHED FLOOR FOR CONDITIONS GENERALLY ENCOUNTERED IN PUBLIC WASHROOMS. MOUNTING HEIGHTS SHALL BE IN COMPLIANCE WITH ADA 2012.
2. THIS SCHEDULE REPRESENTS GENERAL INSTALLATION FOR TYPICAL ACCESSORIES. ACCESSORY APPEARANCE IN THIS SCHEDULE DOES NOT AN INDICATION OF INCLUSION IN THIS PROJECT.
3. REFER TO ACCESSORIES SPECIFICATION FOR ADDITIONAL DESCRIPTION AND DIMENSIONAL INFORMATION.



19 TYPICAL TOILET FIXTURES AND DETAILS
A-6.01 SCALE: 1/2" = 1'-0"



11 TYP. WALL MOUNTING HEIGHT FOR MECHANICAL, ELECTRICAL & MISC. ITEMS
A-6.55 SCALE: 1/4" = 1'-0"

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Title

ADA and Device Mounting Heights

Sheet

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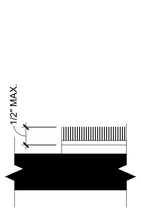


FIG. 302.2 - CARPET ON FLOOR OR GROUND SURFACE

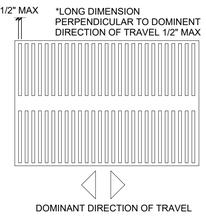


FIG. 302.3 - ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES

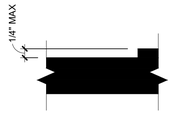


FIG. 303.2 - VERTICAL CHANGE IN LEVEL

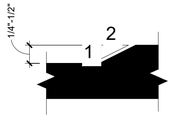


FIG. 303.3 - BEVELLED CHANGE IN LEVEL

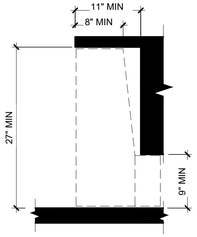


FIG. 306.3 - KNEE CLEARANCE

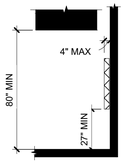


FIG. 307.2 - LIMITS OF PROTRUDING OBJECTS

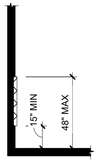


FIG. 308.2.1 - UNOBSTRUCTED FORWARD REACH

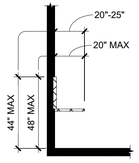


FIG. 308.2.2 - OBSTRUCTED HIGH FORWARD REACH

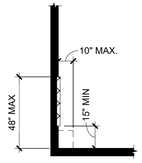


FIG. 308.3.1 - UNOBSTRUCTED SIDE REACH

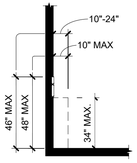


FIG. 308.3.2 - OBSTRUCTED HIGH SIDE REACH

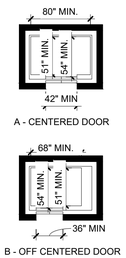
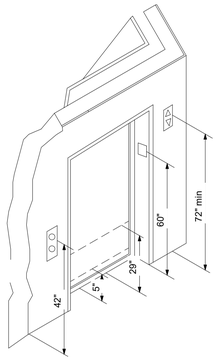
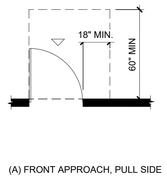


FIG. 407.4.1 - ELEVATOR CAR DIMENSIONS

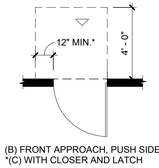


NOTE: THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR B. LINE A AND B REPRESENT THE VERTICAL LOCATIONS OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT

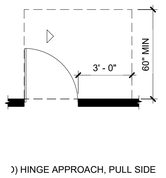
FIG. 407.2.3.1 - FLOOR DESIGNATIONS ON JAMBS OF ELEVATOR HOISTWAY ENTRANCES
FIG. 407.2.2.2 - VISIBLE HALL SIGNALS
FIG. 407.2.3.2 - CAR DESIGNATIONS ON JAMBS OF DESTINATION-ORIENTED ELEVATOR HOISTWAY ENTRANCES



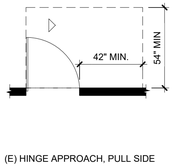
(A) FRONT APPROACH, PULL SIDE



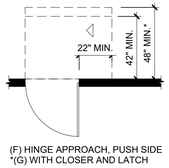
(B) FRONT APPROACH, PUSH SIDE *(C) WITH CLOSER AND LATCH



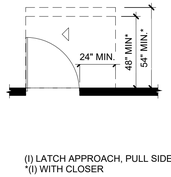
)) HINGE APPROACH, PULL SIDE



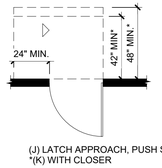
(E) HINGE APPROACH, PULL SIDE



(F) HINGE APPROACH, PUSH SIDE *(G) WITH CLOSER AND LATCH

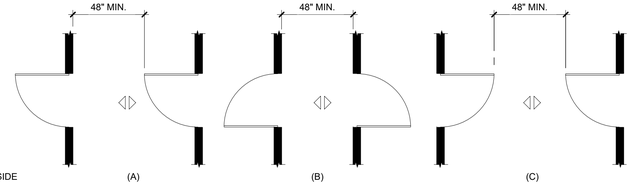


(I) LATCH APPROACH, PULL SIDE *(I) WITH CLOSER



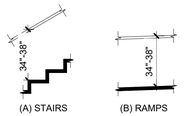
(J) LATCH APPROACH, PUSH SIDE *(K) WITH CLOSER

404.2.4.1 - MANEUVERING CLEARANCE AT SWINGING DOORS



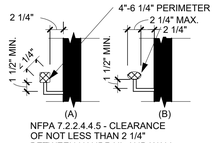
(A) (B) (C)

FIG. 404.2.6 - DOORS AND GATES IN SERIES



(A) STAIRS (B) RAMPS

FIG. 505.4 - HANDRAIL HEIGHT



NFPA 7.2.2.4.4.5 - CLEARANCE OF NOT LESS THAN 2 1/4" BETWEEN HANDRAIL AND WALL

FIG. 505.6/505.7 - HANDRAIL NON-CIRCULAR CROSS SECTION

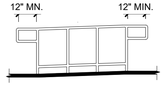
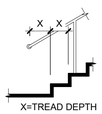


FIG. 505.10.1 - TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS

FIG. 505.10.2 - TOP HANDRAIL EXTENSIONS AT STAIRS



X=TREAD DEPTH

FIG. 505.10.3 - BOTTOM HANDRAIL EXTENSIONS AT STAIRS

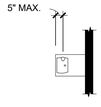


FIG. 602.5 - DRINKING FOUNTAIN SPOUT LOCATION

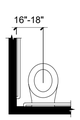


FIG. 604.2 - WATER CLOSET LOCATION

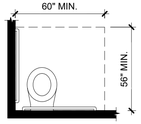


FIG. 604.3.1 - SIZE OF CLEARANCE AT WATER CLOSET

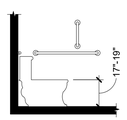


FIG. 604.4 - HEIGHT OF WATER CLOSET

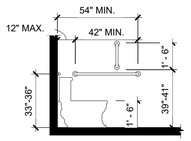


FIG. 604.5.1 - SIDE WALL GRAB BAR FOR WATER CLOSET

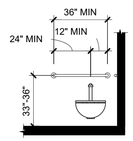
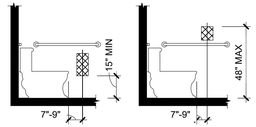
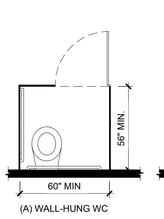


FIG. 604.5.2 - REAR WALL GRAB BAR FOR WATER CLOSET

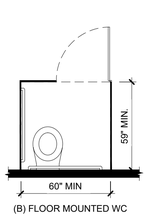


(A) BELOW GRAB BAR (B) ABOVE GRAB BAR

FIG. 604.7 - DISPENSER LOCATION

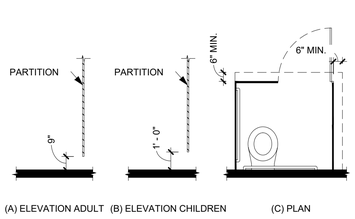


(A) WALL-HUNG WC



(B) FLOOR MOUNTED WC

FIG. 604.8.1.1 - WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS



(A) ELEVATION ADULT (B) ELEVATION CHILDREN (C) PLAN

FIG. 604.8.1.4 - TOILET COMPARTMENTS TOE CLEARANCE

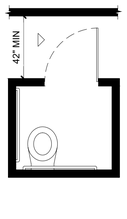


FIG. 604.8.3 - TOILET COMPARTMENTS DOORS

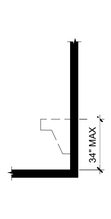
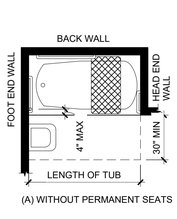
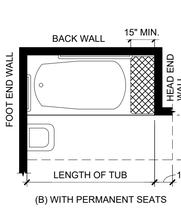


FIG. 606.3 - HEIGHT OF LAVATORIES AND SINKS



(A) WITHOUT PERMANENT SEATS



(B) WITH PERMANENT SEATS

FIG. 607.2 - CLEARANCE FOR BATHTUBS

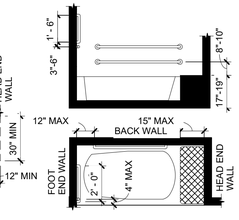


FIG. 607.4.1 - GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS SECTION AND PLAN

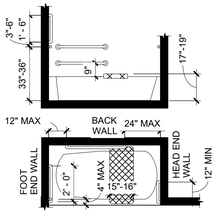


FIG. 607.4.2 - GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEATS SECTION AND PLAN

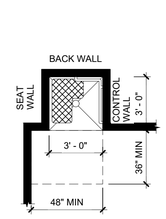


FIG. 608.2.1 - TRANSFER-TYPE SHOWER COMPARTMENT

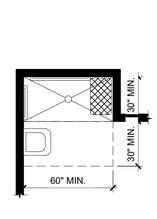


FIG. 608.2.2 - STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT

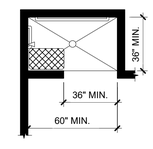


FIG. 608.2.3 - ALTERNATE ROLL-IN-TYPE SHOWER COMPARTMENT

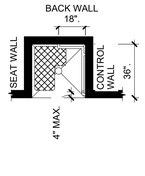
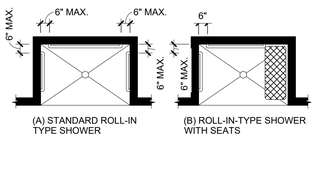


FIG. 608.3.1 - GRAB BARS TRANSFER-TYPE SHOWERS



(A) STANDARD ROLL-IN TYPE SHOWER (B) ROLL-IN-TYPE SHOWER WITH SEATS

FIG. 608.3.2 - GRAB BARS IN ROLL-IN-TYPE SHOWERS
(A) STANDARD ROLL-IN-TYPE SHOWER
(B) ROLL-IN-TYPE SHOWER WITH SEATS

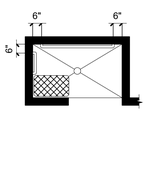


FIG. 608.3.3 - GRAB BARS IN ALTERNATE ROLL-IN-TYPE

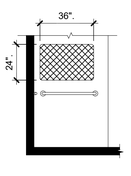
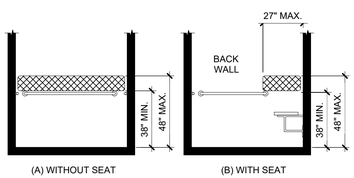
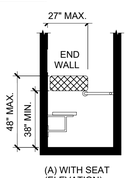


FIG. 608.5.1 - CONTROLS IN TRANSFER-TYPE SHOWERS

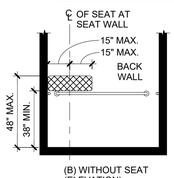


(A) WITHOUT SEAT (B) WITH SEAT

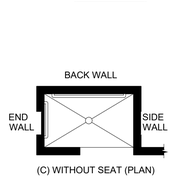
FIG. 608.5.2 - STANDARD ROLL0-IN-TYPE SHOWER CONTROL AND HAND SHOWER LOCATION



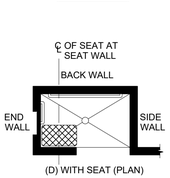
(A) WITH SEAT (ELEVATION)



(B) WITHOUT SEAT (ELEVATION)



(C) WITHOUT SEAT (PLAN)



(D) WITH SEAT (PLAN)

FIG. 608.5.3 - ALTERNATE ROLL-IN-TYPE SHOWER CONTROL AND HAND SHOWER LOCATION

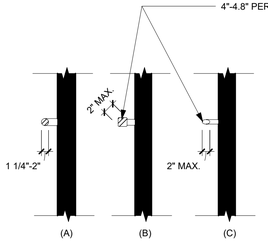


FIG. 609.2 - SIZE OF GRAB BARS (A) CIRCULAR, (B), (C) NON-CIRCULAR

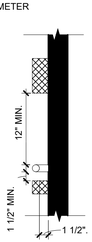
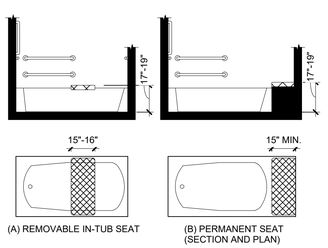


FIG. 609.3 - SPACING OF GRAB BARS



(A) REMOVABLE IN-TUB SEAT (B) PERMANENT SEAT (SECTION AND PLAN)

FIG. 610.2 - BATHTUB SEAT

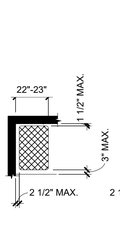


FIG. 610.3.2 - RECTANGULAR SHOWER COMPARTMENT SEAT

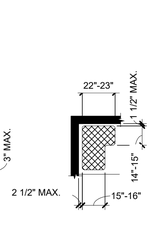


FIG. 610.3.2 - L-SHAPED SHOWER COMPARTMENT SEAT

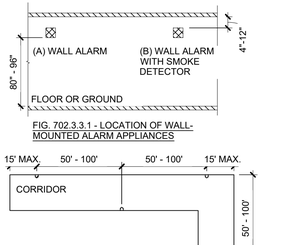


FIG. 702.3.3.1 - LOCATION OF WALL-MOUNTED ALARM APPLIANCES

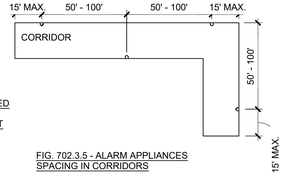


FIG. 702.3.5 - ALARM APPLIANCES SPACING IN CORRIDORS

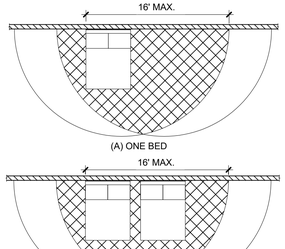


FIG. 702.3.6.2 - ALARM APPLIANCE LOCATION IN SLEEPING ROOMS

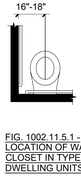
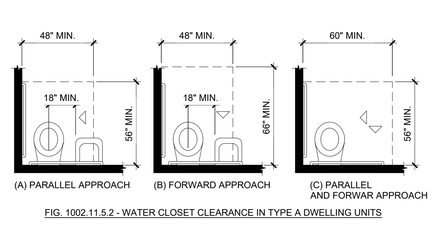


FIG. 1002.11.5.1 - LOCATION OF WATER CLOSET IN TYPE A DWELLING UNITS



(A) PARALLEL APPROACH (B) FORWARD APPROACH (C) PARALLEL AND FORWAR APPROACH

FIG. 1002.11.5.2 - WATER CLOSET CLEARANCE IN TYPE A DWELLING UNITS

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YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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YWCA of New Orleans
601 South Norman C. Francis Parkway
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T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
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Checked By	PMP

Issue Date
07/12/2023

Title
ADAAG Details
Mounting Heights

Sheet
A-0.04

SQUARE 689
FIRST DISTRICT

S. CLARK STREET

2" GAS LINE
GAS LINE LOCATION APPROXIMATE

6" WATERLINE

ASPHLT ROADWAY

CONCRETE WALK

CBM 19.50'

53.3.4

86.5.4

123.7.4

79°48'00"

90°02'20"

89°57'40"

6" CHAIN LINK FENCE

STAIR WELL

RAMP

CONCRETE

IRON PICKET FENCE

ROLLING GATE

GATE

STAIR WELL

A/C UNITS

STEPS

LOT Z-3
NOT A PART OF
THIS SURVEY

ZONE AE
ZONE X

106.6.7

164.5.4

161.10.1

LOT Z-4
20,007 Sq. Ft.
VACANT

GRAVEL MIXED WITH GRASS

8" SEWER LINE

LOT A
35,442 Sq. Ft.

277.10.1

24" OAK

24" TREE

123.7.4

180.9.1

128.10.0

8" SEWER LINE

PORTION OF ALLEY TO BE REVOKED

CONCRETE

57.1.5

REMAINDER OF COMMON ALLEY

49 BOLLARDS

16.3.1

2.2.4

0.4.3

93°36'20"

100°14'00"

LOT W
NOT A PART OF
THIS SURVEY
3 STORY BUILDING

100.2.3

101.7.3

LOT Z-2
15,435 Sq. Ft.
VACANT

GRAVEL MIXED WITH GRASS

0.3.5

93°36'20"

100°14'00"

37.3.0

122.5.6

6" CHAIN LINK FENCE
GRASS

90°02'20"

36" OAK

CONCRETE WALK

24" OAK

6" WATERLINE

GRASS

GRASS

GRASS

6" VERTICAL CURB

10" DRAIN

24" DRAIN

TULANE AVENUE

6" GAS LINE

4" WATERLINE

21" DRAIN LINE

GAS LINE LOCATION APPROXIMATE

D'HEMECOURT STREET

6" CHAIN LINK FENCE

CONCRETE DRIVE

CONCRETE WALK

12" ROLLOVER CURB

6" WATER LINE

ASPHLT ROADWAY

S. JEFFERSON DAVIS PKWY.

ASPHLT ROADWAY

NEUTRAL GROUND

6" GAS LINE
GAS LINE LOCATION APPROXIMATE

GRAPHIC SCALE

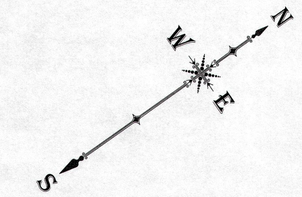
20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

LEGEND

- DRAIN MANHOLE
- WATER MANHOLE
- SEWER MANHOLE
- GAS MANHOLE
- UNDERGROUND ELECTRIC & MANHOLE
- OVERHEAD ELECTRIC & POLE
- OVERHEAD TELEPHONE & POLE
- UNDERGROUND TELEPHONE & MANHOLE
- CATV BOX
- WESTERN UNION MH
- CATCH BASIN
- OPEN GRATE DRAINS
- HYDRANT
- PARKING METER
- TRAFFIC LIGHT
- DCO DRAIN CLEANOUT
- SCO SEWER CLEANOUT
- WV WATER VALVE
- LIGHT STANDARD
- WM WATER METER
- GV GAS VALVE
- SIGN
- POWER POLE AND GUY ANCHOR

VICINITY MAP



CERTAIN FEATURES I.E. FENCES, WALLS, ETC. MAY BE EXAGGERATED IN SCALE FOR CLARITY. DIMENSIONS SHOW ACTUAL LOCATIONS.

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

THE PERIMETER SURVEY SHALL NOT CONSTITUTE A LEGAL OPINION OF TITLE AND SHALL NOT BE RELIED UPON FOR THAT PURPOSE. THERE IS NO WARRANTY THAT IT CONFORMS TO THE LEGAL TITLE AND WAS MADE SOLELY ACCORDING TO THE INFORMATION PROVIDED THE SURVEYOR.

THIS PROPERTY IS LOCATED IN FLOOD ZONES AE AND X, BASE FLOOD ELEVATIONS –2.0' AND N/A, AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP PANEL NUMBER 22071C0228 F, EFFECTIVE SEPTEMBER 30, 2016.

THE SERVITUDES SHOWN HEREON ARE LIMITED TO THOSE SET FORTH IN THE RECORD DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES ARE REFLECTED OR SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

Louisiana One Call System, Inc. 1-800-272-3020 before you dig.

PORTION OF ALLEY TO BE REVOKED
2,062 Sq. Ft.

Resubdivision of Lot Z–2, Z–4 and partial revocation of 16–foot alley into Lot A made for Trapolin Architects at request of Gabriel Virdure. New Orleans, LA January 22, 2019

I certify that this plat is a delineation of a survey made on the ground, under my supervision, and meets the requirements of a Class B survey as defined in the "Minimum Standards for Property Boundary Surveys in the State of Louisiana.
New Orleans, La. January 22, 2019

Professional Land Surveyor
LA License No. 4698

STATE OF LOUISIANA
WALTER J. STONE
License No. 4698
PROFESSIONAL
LAND SURVEYOR

GANDOLFO KUHN, L.L.C.
PROFESSIONAL LAND SURVEYORS
2329 SEVERN AVE.
METAIRIE, LA. 70001
surveys@gandolfokuhn.com
504.818.2810

Z:\DRAWINGS\FIRST DISTRICT\SQUARE 689\YWCA RESUBDIVISION JANUARY 2019

682–13; W–45–2

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building
601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

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CONTRACTOR NAME
Address 1
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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	
Checked By	

Issue Date
07/12/2023

Title
Site Survey

Sheet
A-0.05

THE PROJECT SCOPE WILL BE BROKEN OUT AS FOLLOWS:

BASE BID:

SCOPE OF WORK INCLUDES:

- DAYCARE, COUNSELING, AND EDUCATION BUILDING
- PLAYGROUND STORAGE BUILDING

ALTERNATE #1

SCOPE OF WORK INCLUDES ELEMENTS FOR STORMWATER MANAGEMENT PLAN

- SUBSURFACE DRAINAGE, GRADING, AND EROSION CONTROL

ALTERNATE #2

SCOPE OF WORK INCLUDES:

- LANDSCAPING AND TREE PROTECTION THROUGHOUT THE PROPERTY
- CONSTRUCTION OF THE PARKING LOT (INCLUDING SURFACING) AND FENCING
- CONSTRUCTION OF THE PLAYGROUND SURFACING, FENCING AND TRELLISES
- SIDEWALK RAMPS AND TACTILE WARNINGS THROUGHOUT THE PROPERTY
- BIKE RACKS AND BIKE STORAGE
- FOOD EQUIPMENT
- FOLDING WALL PARTITION @ TRAINING/CLASSROOM 107
- FLOORING UPGRADES
- CLASSROOM & LOUNGE SINKS
- EXTERIOR PATHWAY LIGHTING

ALTERNATE #3

SCOPE OF WORK INCLUDES:

- STREET DROP OFF CANOPY
- STREET DROP OFF CURB CUTS

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YWCA Greater New Orleans

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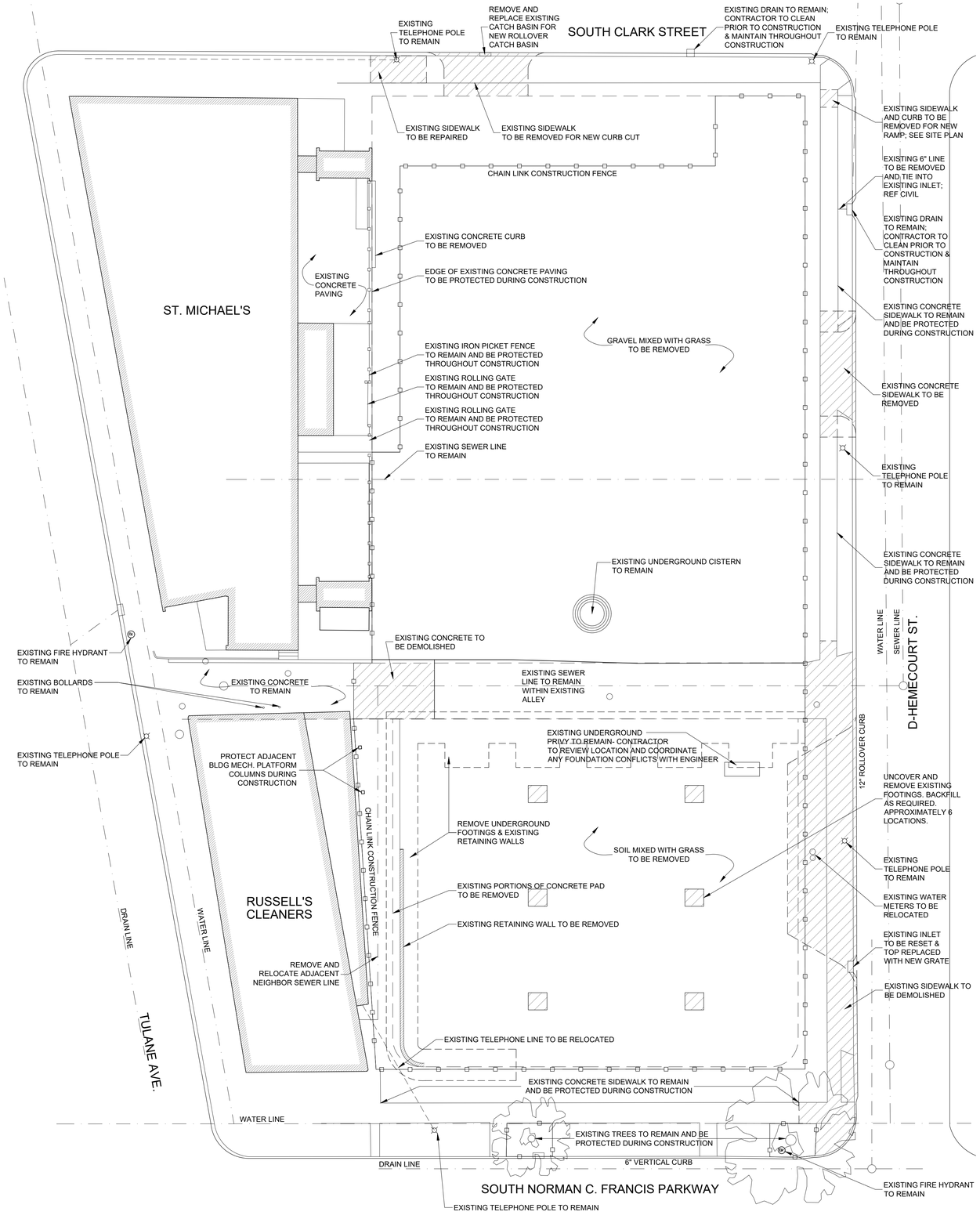
(RE-ISSUE 11/12/2024)

Title

Base Bid & Alternates
Alernates

Sheet

A-0.06



1 Demolition Plan

A-1.00

SCALE: 1/16"' = 1'-0"

TRUE NORTH

PLAN NORTH

DEMOLITION NOTES

1. ELECTRICAL VAULT TO BE PROTECTED DURING CONSTRUCTION. NEW PANEL TO SET IN NEW SIDEWALK IN COORDINATION AND PRIOR APPROVAL WITH PUBLIC WORKS & ENTERGY.

2. EXISTING MANHOLES TO REMAIN ARE TO BE PROTECTED BEFORE AND DURING DEMOLITION. NEW HOLES TO BE SET INTO SIDEWALKS & DRIVES IN COORDINATION & PRIOR APPROVAL OF PUBLIC WORKS & SEWAGE AND WATER BOARD.

3. CUT AND CAP GAS LINE AT PROPERTY LINE AND REMOVE GAS LINES WITHIN PROPERTY; CONTRACTOR TO CONTACT ENTERGY GAS REGARDING EXACT LOCATION OF GAS LINE CONNECTION AT PROPERTY LINE.

4. AFTER DEMOLITION, CONTRACTOR TO DOCUMENT AND COORDINATE EXISTING FOOTING, CISTERN, PRIVY AND ANY OTHER UNDERGROUND FEATURES NOT DOCUMENTED IN DRAWINGS WITH ENGINEERS TO AVOID FINAL LOCATIONS OF NEW PILINGS AND OTHER UNDERGROUND SITEWORK..

5. DOCUMENT ELEVATIONS AND CONDITION OF EXISTING SEWER LINES AND NOTIFY OF CONFLICT WITH NEW WORK. PROTECT EXISTING SEWER LINES TO REMAIN DURING CONSTRUCTION OF NEW HARDSCAPE.

6. PROTECT TREES AS SPECIFIED IN SECTION 01530. TRIM AS REQUIRED FOR CONSTRUCTION AND FERTILIZE AS REQUIRED BY N.O. PARK AND PARKWAYS. ANY DAMAGED TREES ARE TO BE REPLACES WITH A TREE OF EQUAL TYPE AND SIZE.

7. PROTECT SIDEWALKS TO REMAIN. CONTRACTOR TO REPLACE DAMAGED SIDEWALKS RESULTING FROM CONSTRUCTION AT NO ADDITIONAL COST OF THE OWNER.

8. CM TO NOTIFY ADJACENT NEIGHBORS OF DEMOLITION WORK PRIOR TO BEGINNING OF ANY DEMOLITION AND SUBSEQUENT CONSTRUCTION WORK THAT WILL AFFECT ACCESS AND USE OF NEIGHBORING PROPERTIES.

9. CONTRACTOR TO INVESTIGATE LOCATION OF SEWER LINES IN CLOSE PROXIMITY OF TREES TO BE REMOVED PRIOR TO REMOVING TREES. CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION O EXISTING SEWER LINES DURING THE REMOVAL OF TREES AND THROUGHOUT THE DURATION OF CONSTRUCTION.

10. CM TO NOTIFY OWNERS AND NEIGHBORS OF ANY ALTERATIONS OF SEWER AND WATERLINES THAT INTERRUPT SERVICES PRIOR TO BEGINNING ANY WORK.

11. GC TO RELOCATE ADJACENT BUILDING SEWER LINE THAT OCCURS ON THE YWCA PROPERTY WITHIN FOOTPRINT OF THE ADJACENT BUILDING.

12. GC TO INCLUDE VIBRATORY TESTING DURING THE DEMOLITION AND REMOVAL OF UNDERGROUND FOOTINGS AND RETAINING WALL.

13. EXISTING SEWER LINES FROM DEMOLISHED BUILDING ARE TO BE CAPPED AND ABANDONED.

14. GC TO DOCUMENT CATCH BASIN GRILLES AND NOTIFY CITY OF ANY MISSING GRILLES THAT NEED TO BE REPLACED.

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07/12/2023

Title

Demolition Plan

Sheet

A-1.00

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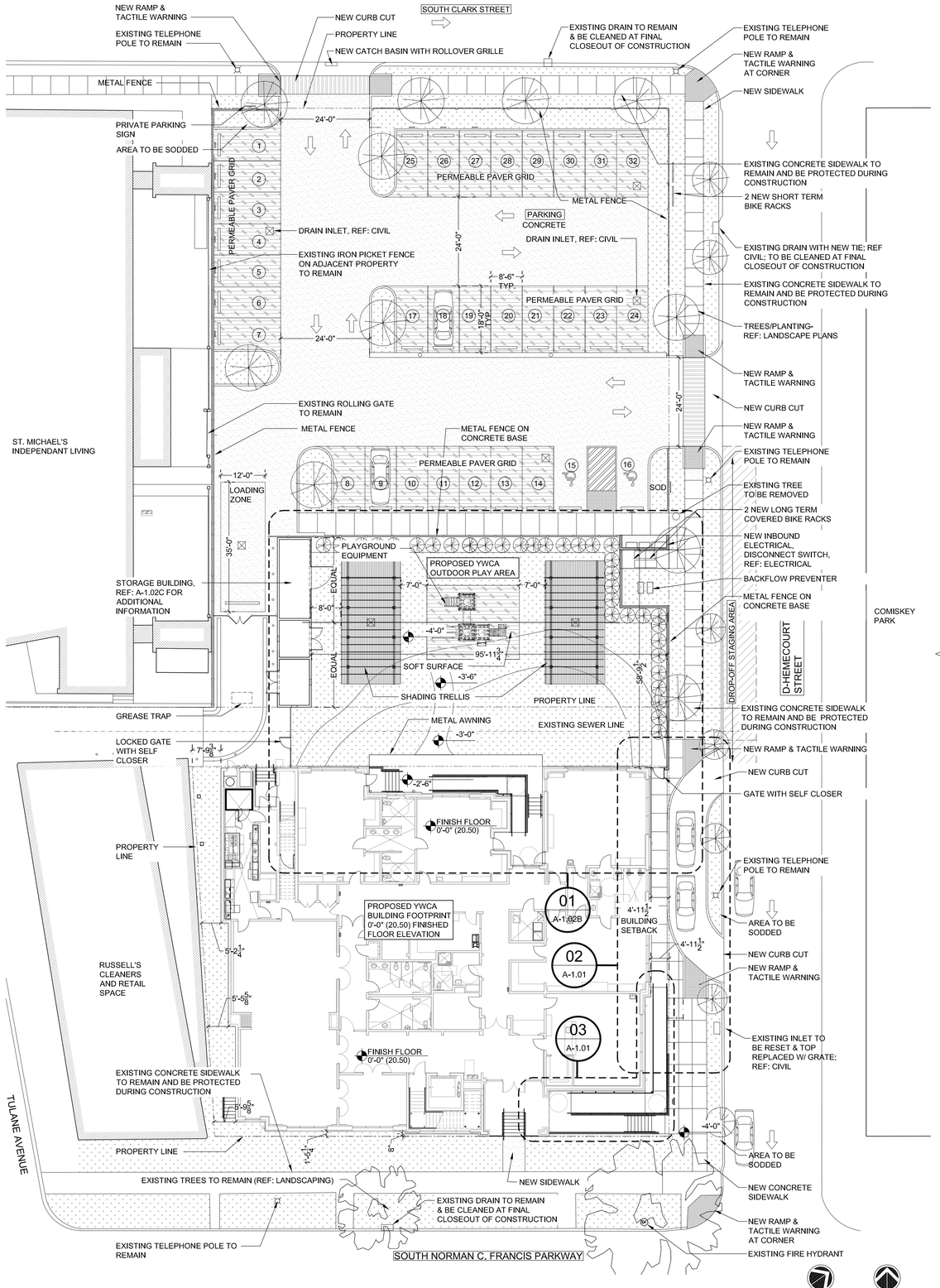
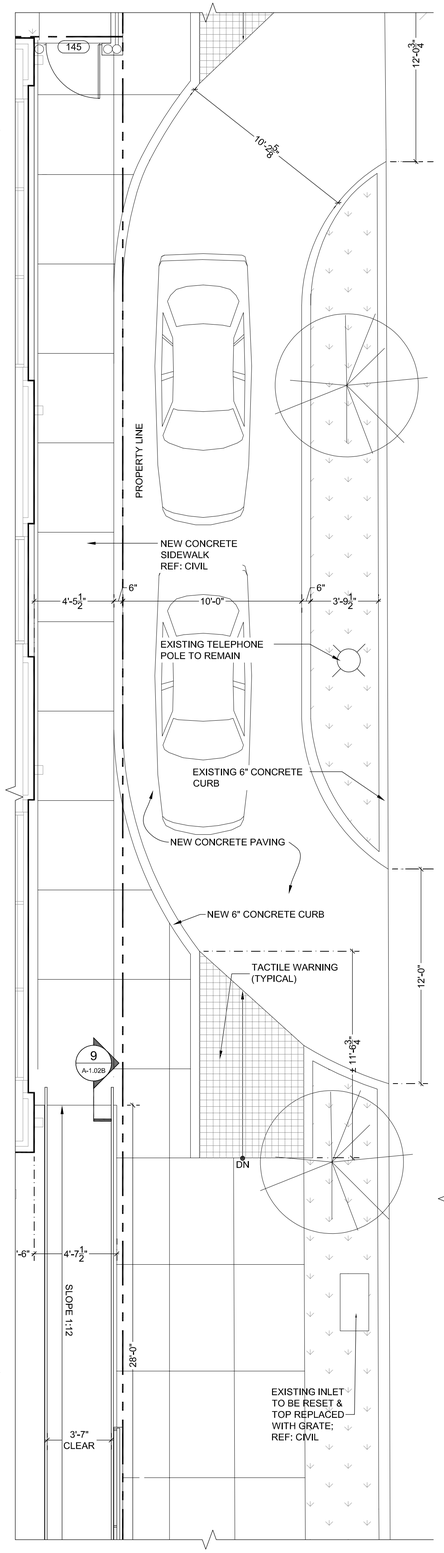
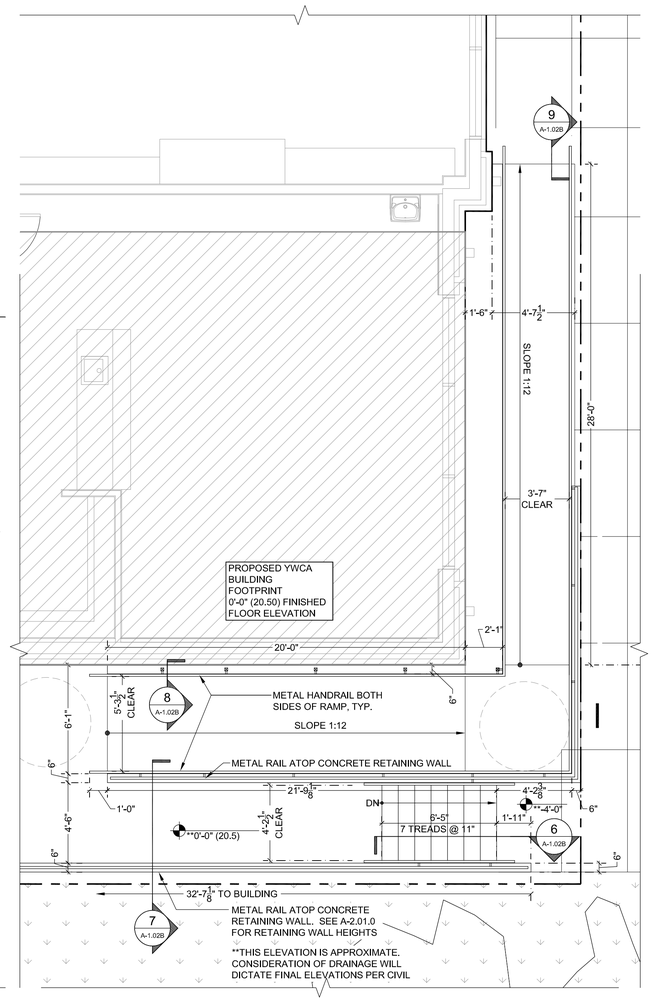


1 Site Plan
A-1.01
SCALE: 1/16" = 1'-0"



2 Enlarged Plan
A-1.01 DROP OFF AREA
SCALE: 1/4" = 1'-0"



3 Enlarged Plan
A-1.01 ENTRY PORCH
SCALE: 1/4" = 1'-0"

SITE PLAN NOTES

1. SEE CIVIL AND LANDSCAPING DRAWINGS FOR SITE DRAINAGE, UTILITY TIE IN LOCATIONS, SIDEWALK & PAVING DETAILS.
2. SITE LIGHTING, SEE ELECTRICAL PLAN E-1.02
3. ALL SITE ELEVATIONS ARE IN RELATION TO FIRST FLOOR BASE SLAB ELEVATION. SEE SURVEY FOR CORRESPONDING CAIRO DATUM ELEVATIONS.
4. ALL CURBS, SIDEWALKS, AND TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION AND REPLACED AS NECESSARY. CONTRACTOR TO REPAIR AND REPLACE AND DAMAGES CAUSED BY THE CONTRACTOR DUE TO CONSTRUCTION ACTIVITY.
5. REFERENCE CIVIL DRAWINGS FOR FINAL LOCATIONS OF CONCRETE CONTROL AND CONSTRUCTION JOINTS, DRAINAGE, SITE SLOPING, HARDSCAPE ELEVATIONS, DIMENSIONS, RADII AND ANGLES.
6. REFERENCE LANDSCAPING DRAWINGS FOR DRAINAGE, STORMWATER AND PLANTINGS.
7. THE REMOVAL OF TREES WILL REQUIRE A SEPARATE PERMIT TO BE ISSUED PRIOR TO REMOVAL OF ANY TREES.
8. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES.
9. REFER TO SHEET A-0.06 FOR ALTERNATES

LEGEND - SITE

NEW CONCRETE

PERMEABLE PAVEMENT GRID

AREA TO BE SODDED

BID SET - 2025

YWCA Greater New Orleans

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Title
Site Plan

Sheet
A-1.01

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SITE PLAN NOTES

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2. SITE LIGHTING, SEE ELECTRICAL PLAN E-1.02
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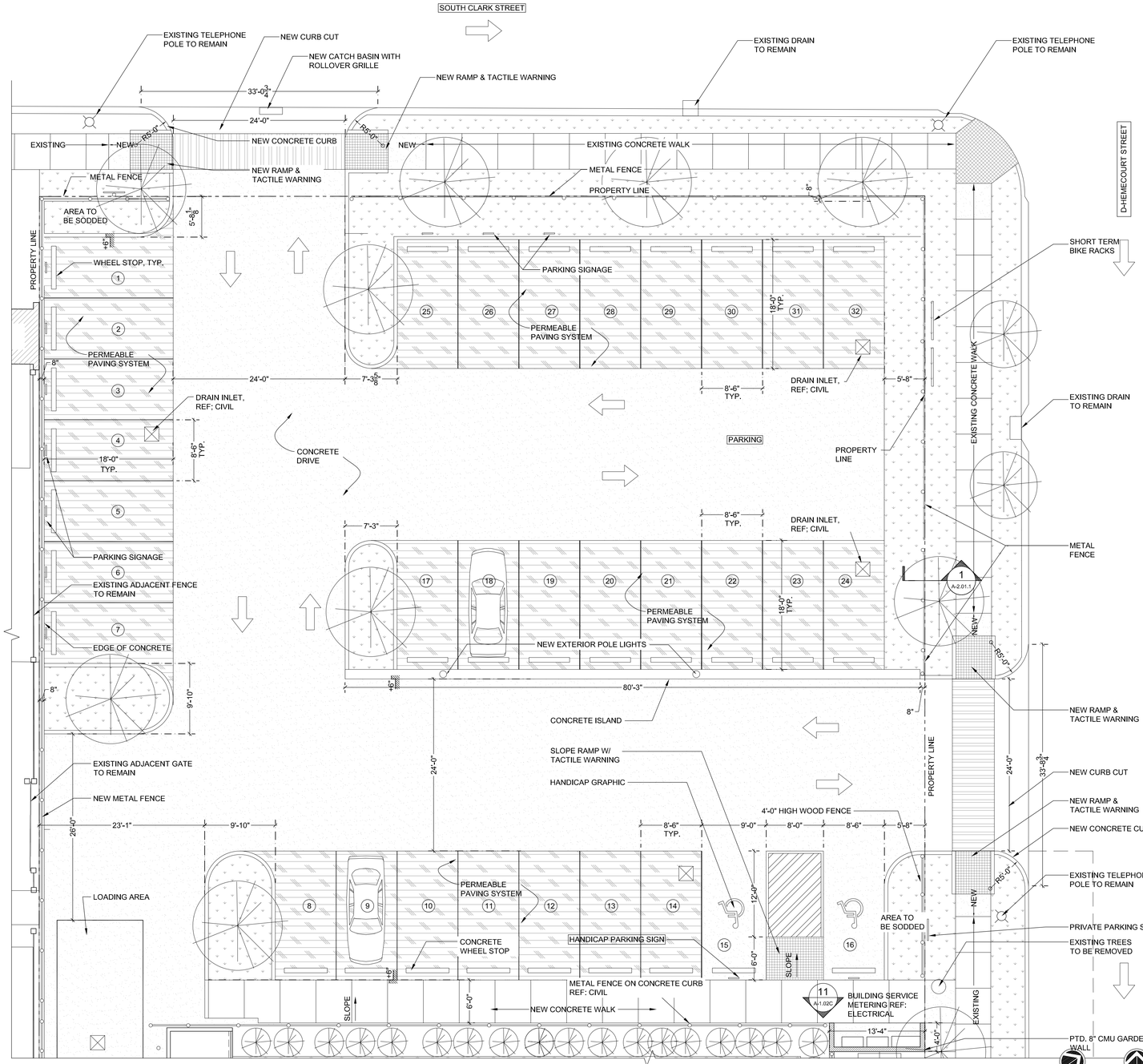
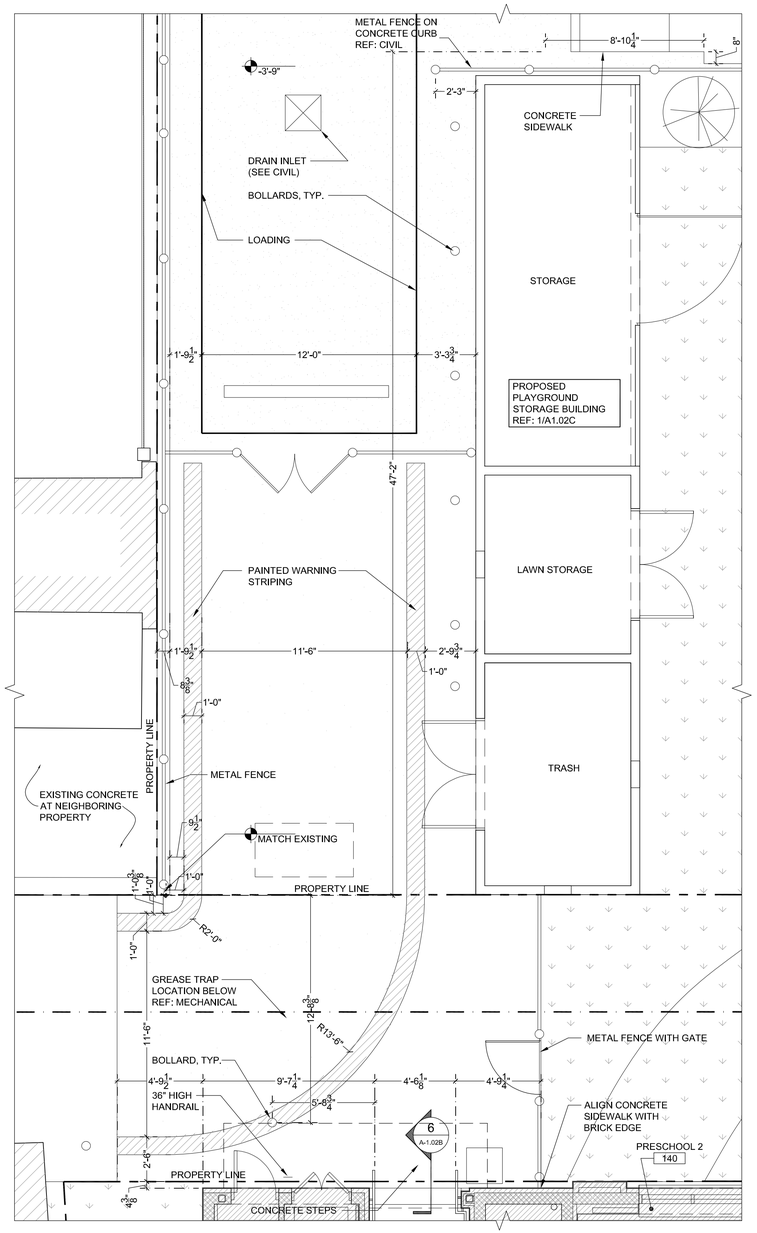
9. REFER TO SHEET A-0.06 FOR ALTERNATES



1 Enlarged Site Plan
A-1.02A
SCALE: 1/8" = 1'-0"



2 Enlarged Site Plan
A-1.02A
SCALE: 1/4" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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Contractor
CONTRACTOR NAME
Address 1
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

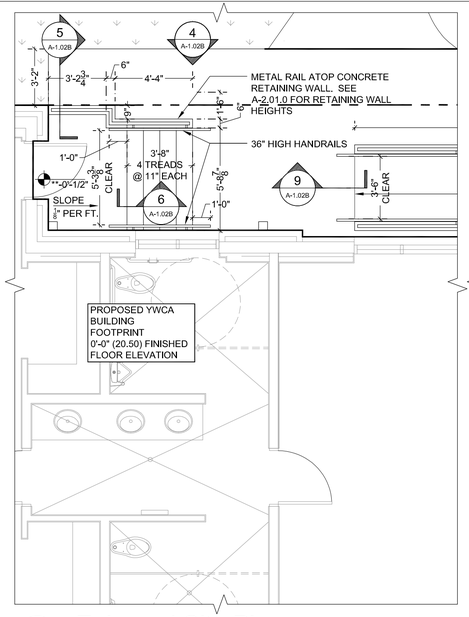
Revisions

Interoffice Data	
Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date
07/12/2023
(RE-ISSUE 06/17/2025)

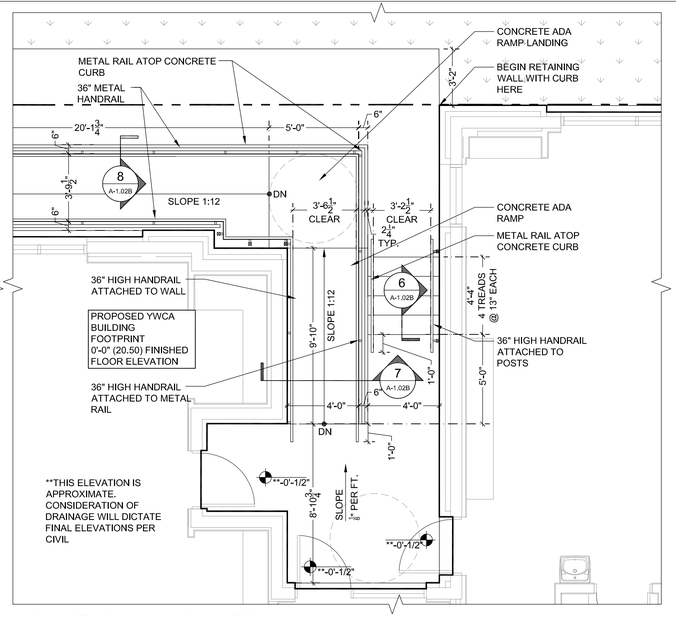
Title
Enlarged Site Plan

Sheet
A-1.02A



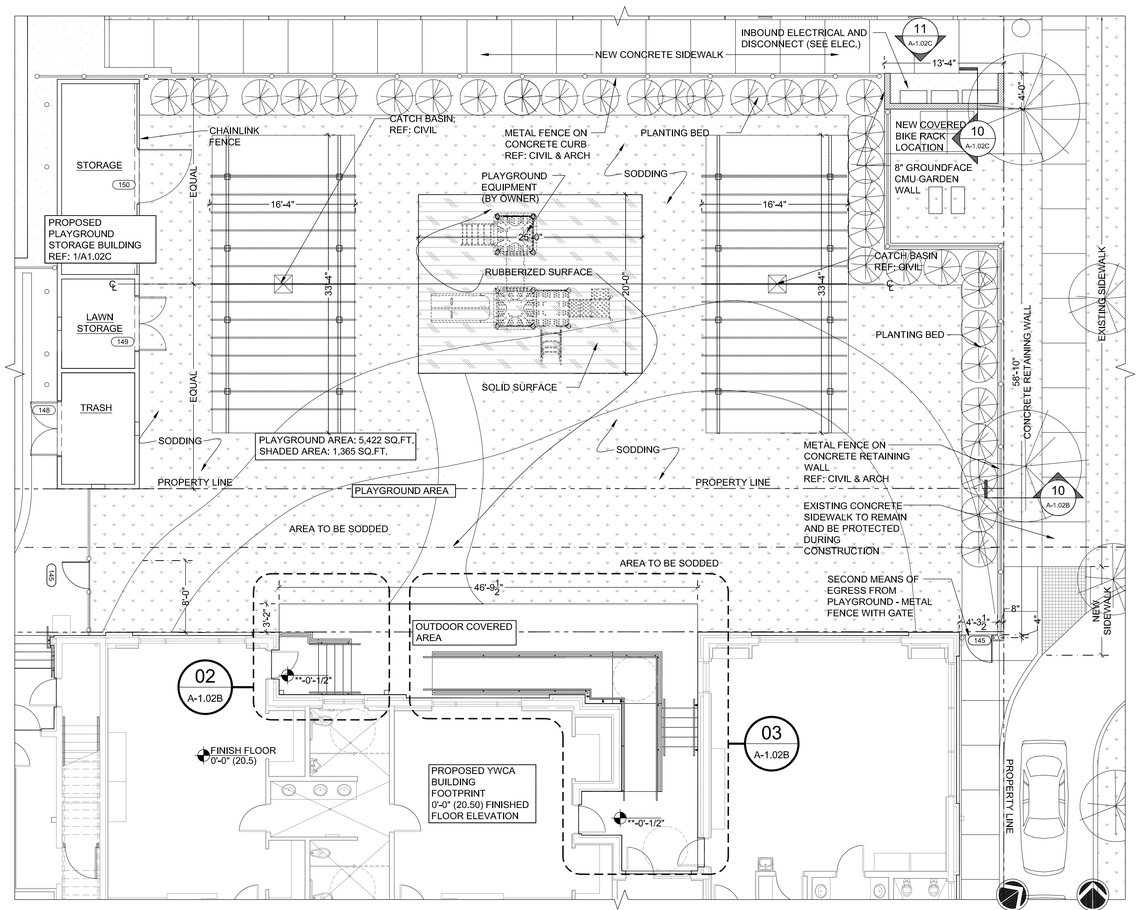
2 Enlarged Site Plan

A-1.02B SCALE: 1/4" = 1'-0"



3 Enlarged Site Plan

A-1.02B SCALE: 1/4" = 1'-0"



1 Enlarged Site Plan

A-1.02B SCALE: 1/8" = 1'-0"

SITE PLAN NOTES

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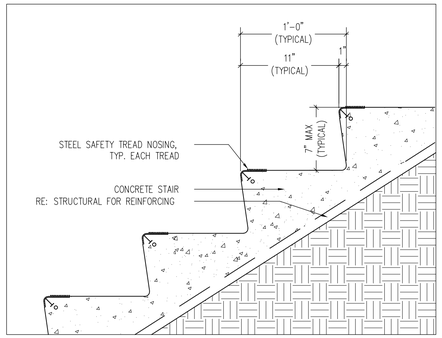
9. REFER TO SHEET A-0.06 FOR ALTERNATES

LEGEND - SITE

NEW CONCRETE

PERMEABLE PAVEMENT GRID

AREA TO BE SODDED



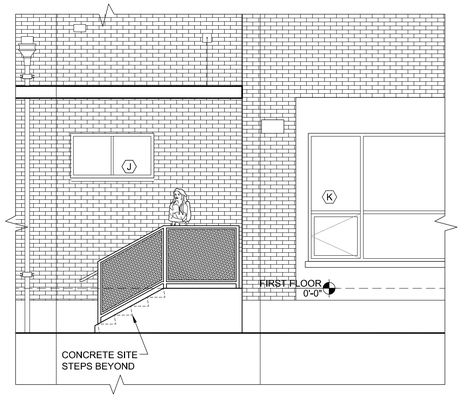
368-02

6 Detail

A-1.02B EXTERIOR STAIR TREAD NOSING SCALE: 1 1/2" = 1'-0"

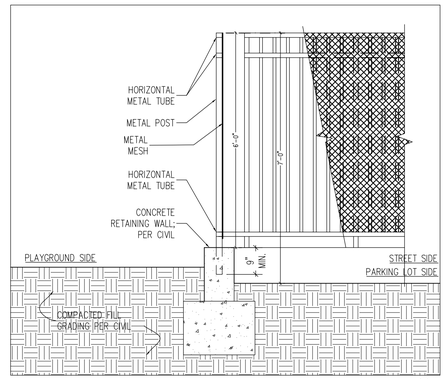
5 NOT USED

A-1.02B SCALE: 3" = 1'-0"



4 Enlarged Elevation

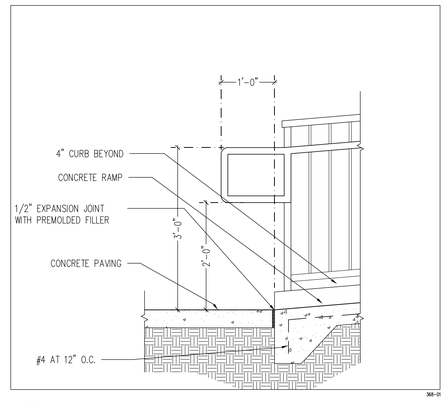
A-1.02B SCALE: 1/4" = 1'-0"



368-06

10 Fence Detail

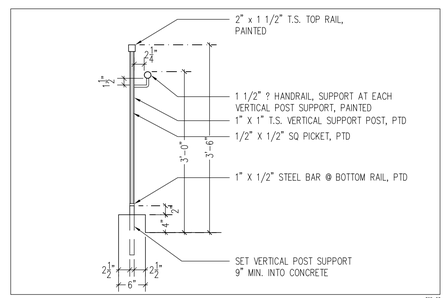
A-1.02B @ Concrete Retaining Wall & Metal Fence SCALE: 1/2" = 1'-0"



368-01

9 Detail

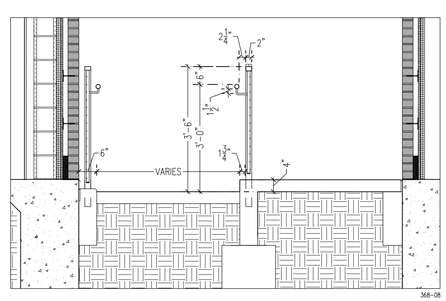
A-1.02B RAMP TO SIDEWALK TRANSITION SCALE: 3/4" = 1'-0"



368-03

8 Railing Detail

A-1.02B SCALE: 3/4" = 1'-0"



368-08

7 Section @ Ramp

A-1.02B SCALE: 1/2" = 1'-0"

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PAMLA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

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Drawn By	EG
Checked By	PMP

Issue Date

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(RE-ISSUE 06/17/2025)

Title

Enlarged Site Plan

Sheet

A-1.02B

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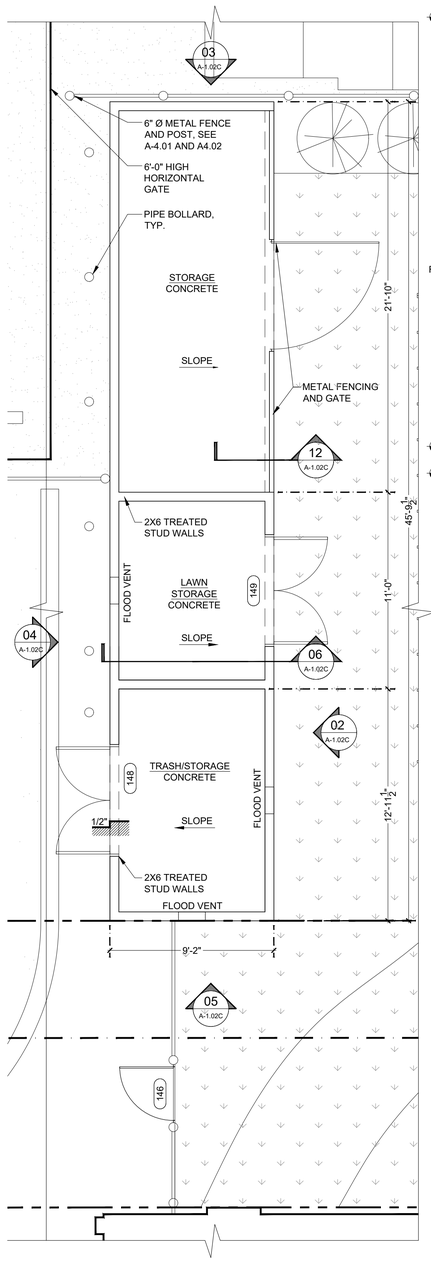
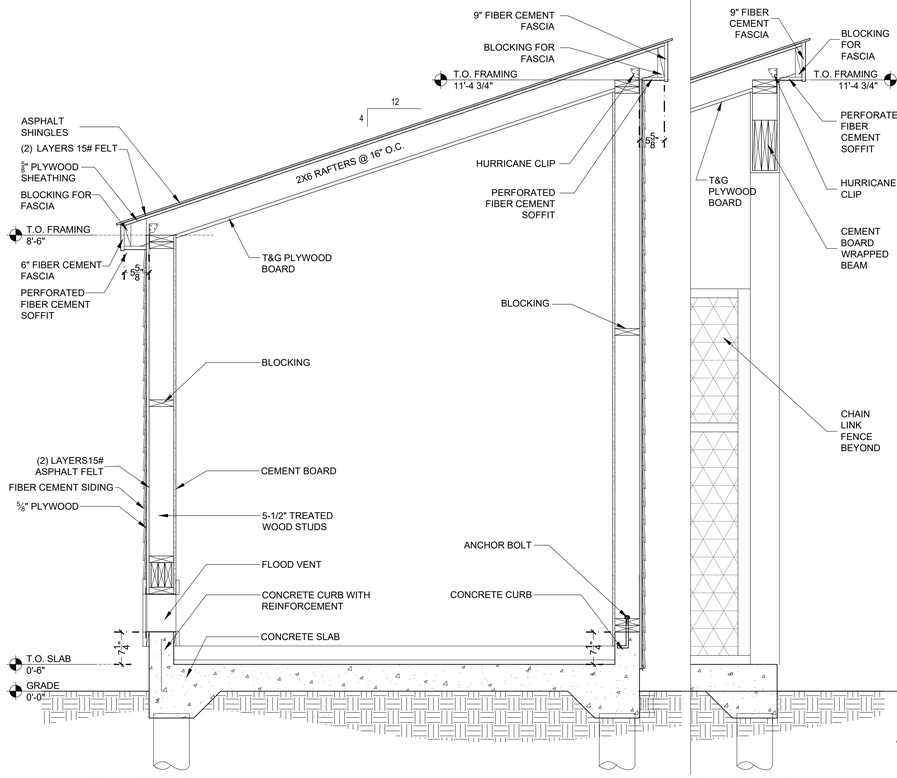


1 Enlarged Plan

A-1.02B | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"

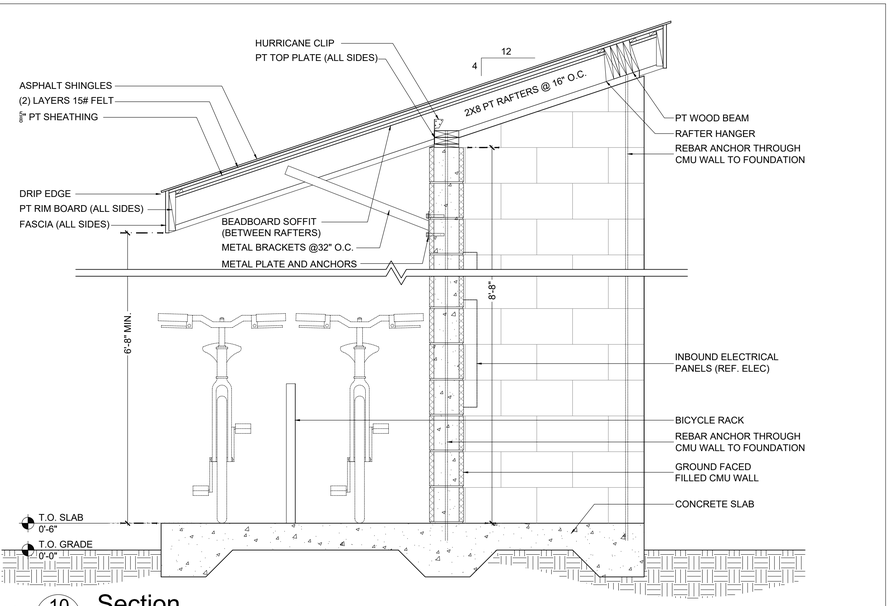


6 Section

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 3/4" = 1'-0"

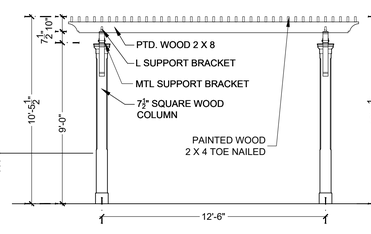
12 Section

A-1.02C | A-1.02C SCALE: 3/4" = 1'-0"



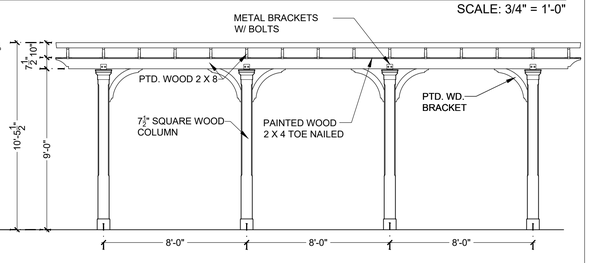
10 Section

A-1.02C | A-1.02C ELECTRICAL COVER SCALE: 3/4" = 1'-0"



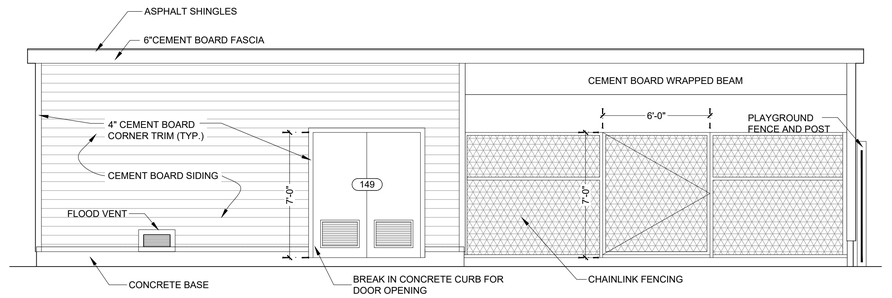
9 Elevation

A-1.02C | A-1.02C SCALE: 1/4" = 1'-0"



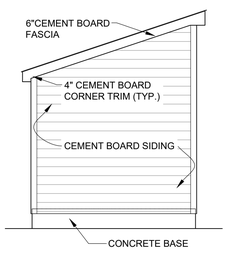
8 Elevation

A-1.02C | A-1.02C SCALE: 1/4" = 1'-0"



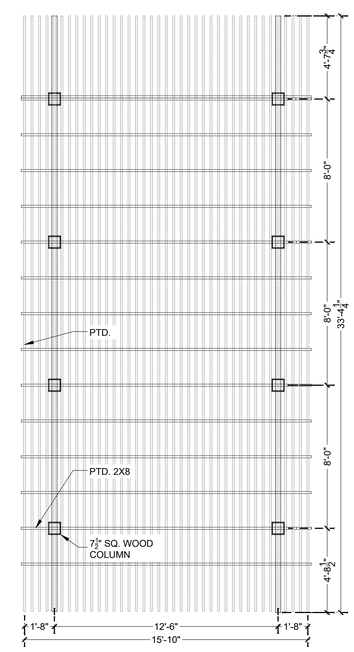
2 Elevation

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"



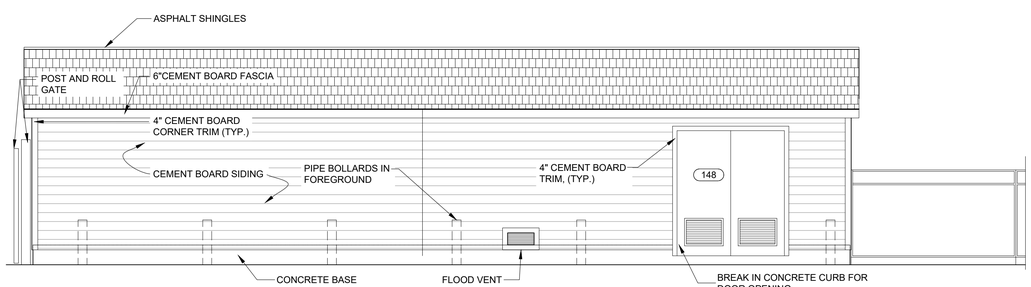
3 Elevation

A-1.02C | A-1.02C PLAY. STORAGE SCALE: 1/4" = 1'-0"



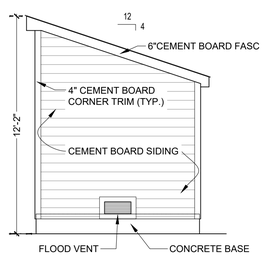
7 Enlarged Plan

A-1.02C SCALE: 1/4" = 1'-0"



4 Elevation

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"



5 Elevation

A-1.02C | A-1.02C PLAY. STORAGE SCALE: 1/4" = 1'-0"

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Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023
(RE-ISSUE 11/12/2024)

Title

Ramp, Stair, Storage & Exterior Details

Sheet

A-1.02C

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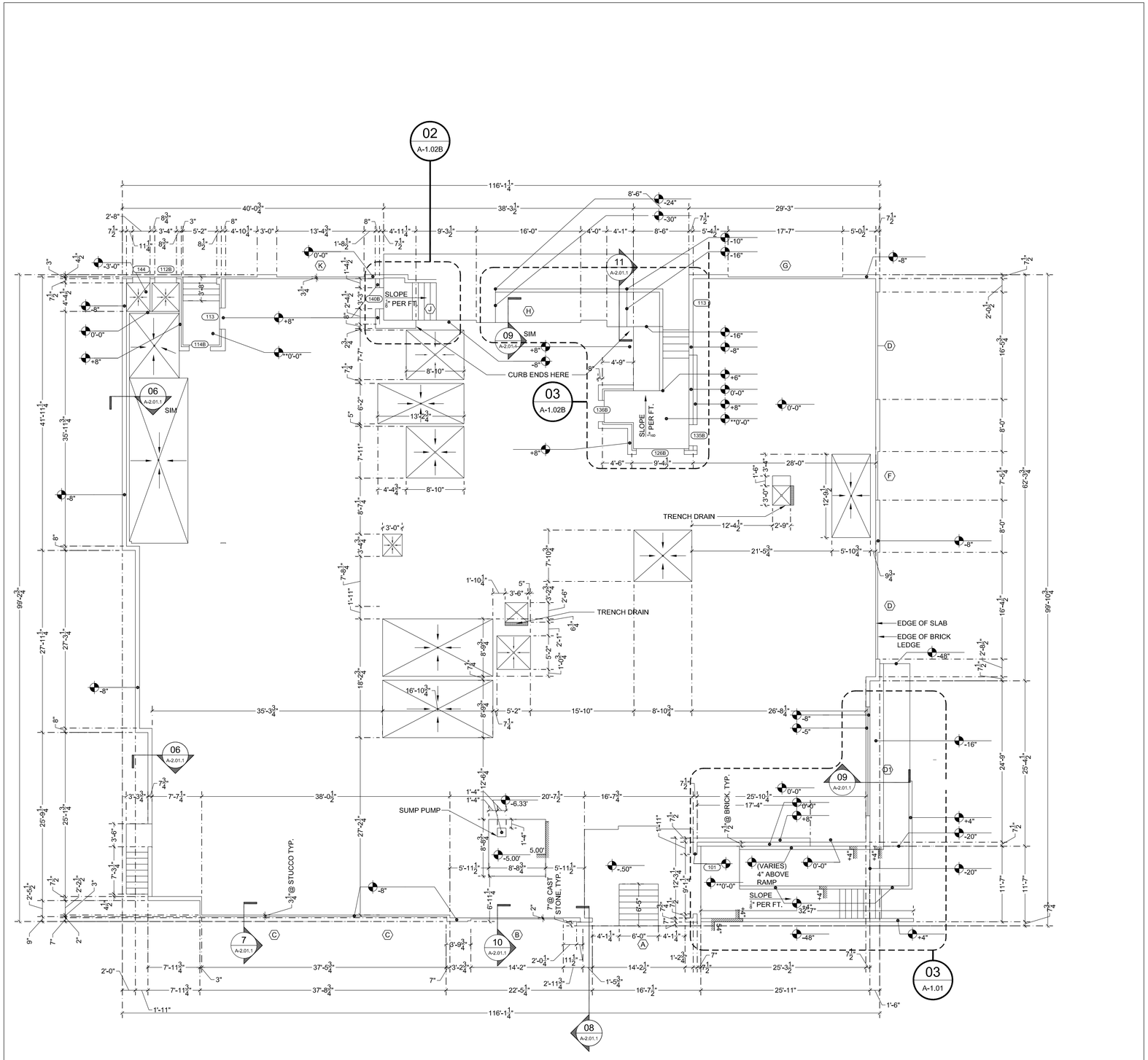

1 First Floor - Slab Plan

A-2.01.0

SCALE: 1/8" = 1'-0"

SLAB NOTES

1. THE CMU IS SHOWN WITH A HATCH FOR REFERENCE TO THE WALL SECTIONS AND DETAILS. THE CMU WILL SIT ON THE MAIN SLAB AND NOT AFFECT THE SLAB RECESS AT BRICK LEDGE.

2. BRICK LEDGE WILL RELATE TO ADJACENT GRADE/HARDSCAPE. THE ELEVATION WILL VARY ALONG THE PERIMETER OF THE BUILDING. FOR BRICK LEDGE ELEVATIONS, REF: SLAB PLANS.

3. CONTRACTOR RESPONSIBILITY TO COORDINATE THE BRICK LEDGE ELEVATIONS WITH BRICK COURSING.

4. SEE LANDSCAPING FOR FINAL SITE GRADES.

5. 0'-0" MAIN SLAB ELEVATION RELATES TO GRADE ELEVATION OF **20.50**. ALL SLAB ELEVATIONS ON THIS DRAWING REFERENCE 0'-0"

6. SEE STRUCTURAL DRAWINGS FOR GRADE BEAM/PILING LOCATIONS AND DETAILS.

7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL PLUMBING AND ELECTRICAL LOCATIONS.

8. FINAL CONTROL JOINTS ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO FORMING AND SLAB POUR.

9. PLUMBING AND PENETRATION DIMENSIONS ARE APPROXIMATE AND LOCATION / SIZES ARE TO BE VERIFIED WITH CORRESPONDING ME&P AND STRUCTURAL DRAWINGS.

10. SLOPE SLAB TO DRAIN A MIN OF 1/8" PER FOOT AT ALL WET CONDITIONS OR AS OTHERWISE NOTED.

11. CONTRACTOR TO COORDINATE DEPRESSED EDGES AT SHOWER LOCATIONS PRIOR TO SLAB POUR.

12. SEE STRUCTURAL FOR SIZES OF REINFORCEMENT, COLUMN SIZES, LOCATIONS AND ANCHORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

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Title

First Floor - Slab Plan

Sheet

A-2.01.0

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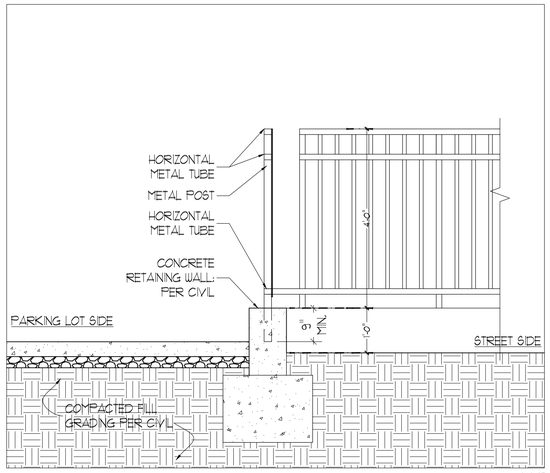
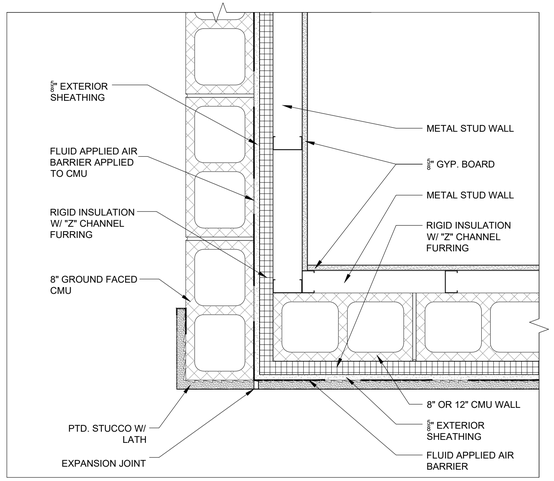


1 Fence Detail (Parking Lot)
A-2.01.1 SCALE: 1-1/2" = 1'-0"

2 Not Used
A-2.01.1 SCALE: 1-1/2" = 1'-0"



3 Corner Detail @ Training / Classroom
A-2.01.1 SCALE: 1-1/2" = 1'-0"

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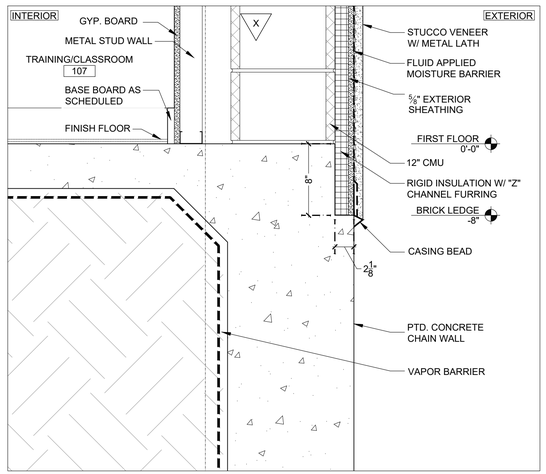

5 First Floor - Slab Plan
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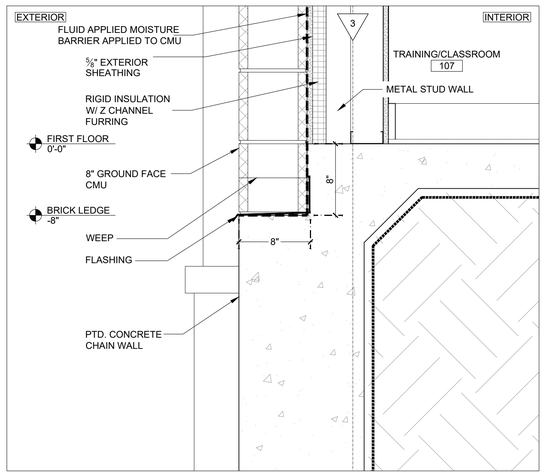

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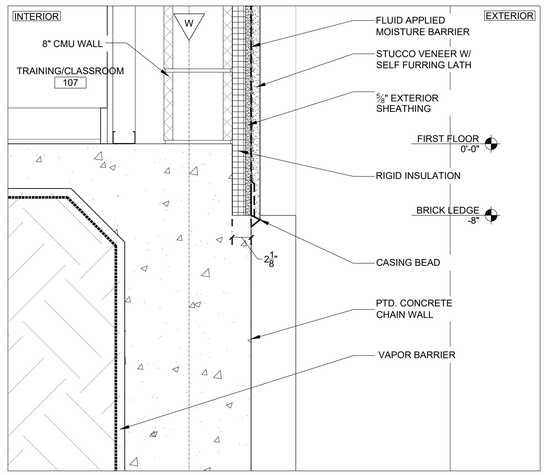
A-2.01.1 SCALE: 1-1/2" = 1'-0"



7 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

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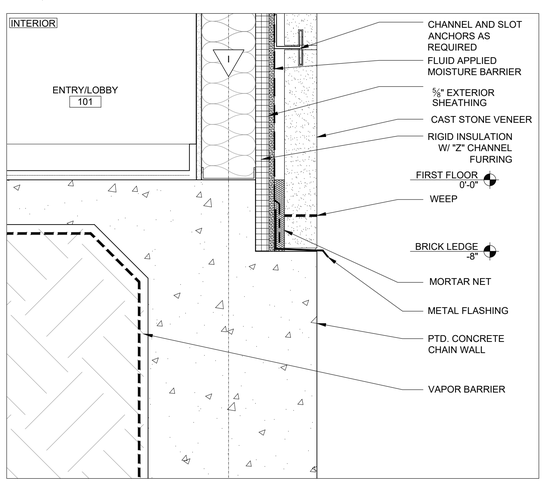
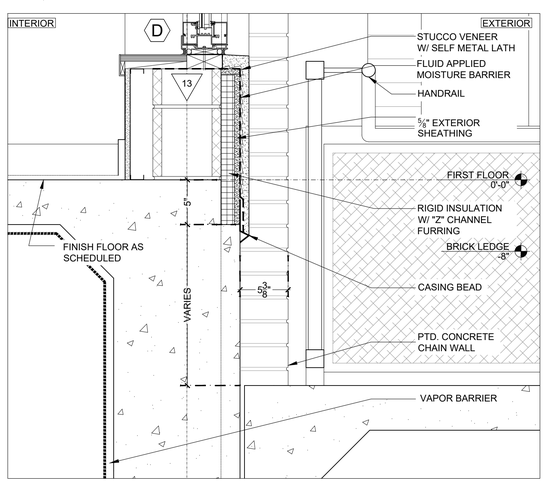
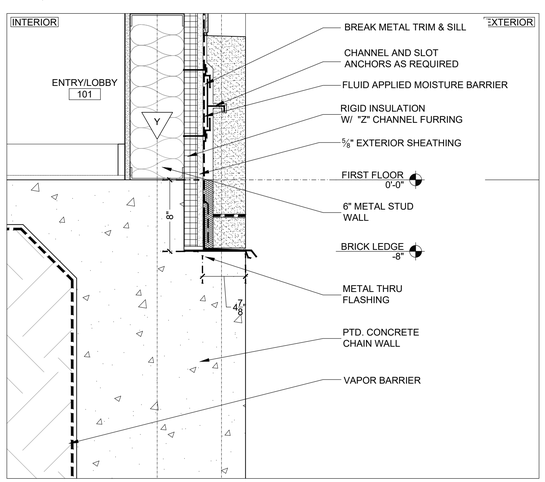
A-2.01.1 SCALE: 1-1/2" = 1'-0"



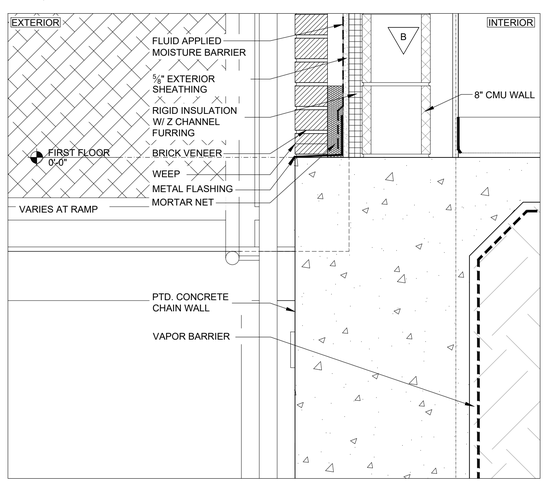
8 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



9 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



10 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



11 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building
601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER ARCHITECTS
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Owner
YWCA of New Orlean
601 South Norman C. Francis Parkwa
600 South Clark S
T (area code) numbe

Contractor
CONTRACTOR NAM
Address
Address
T (area code) numbe

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

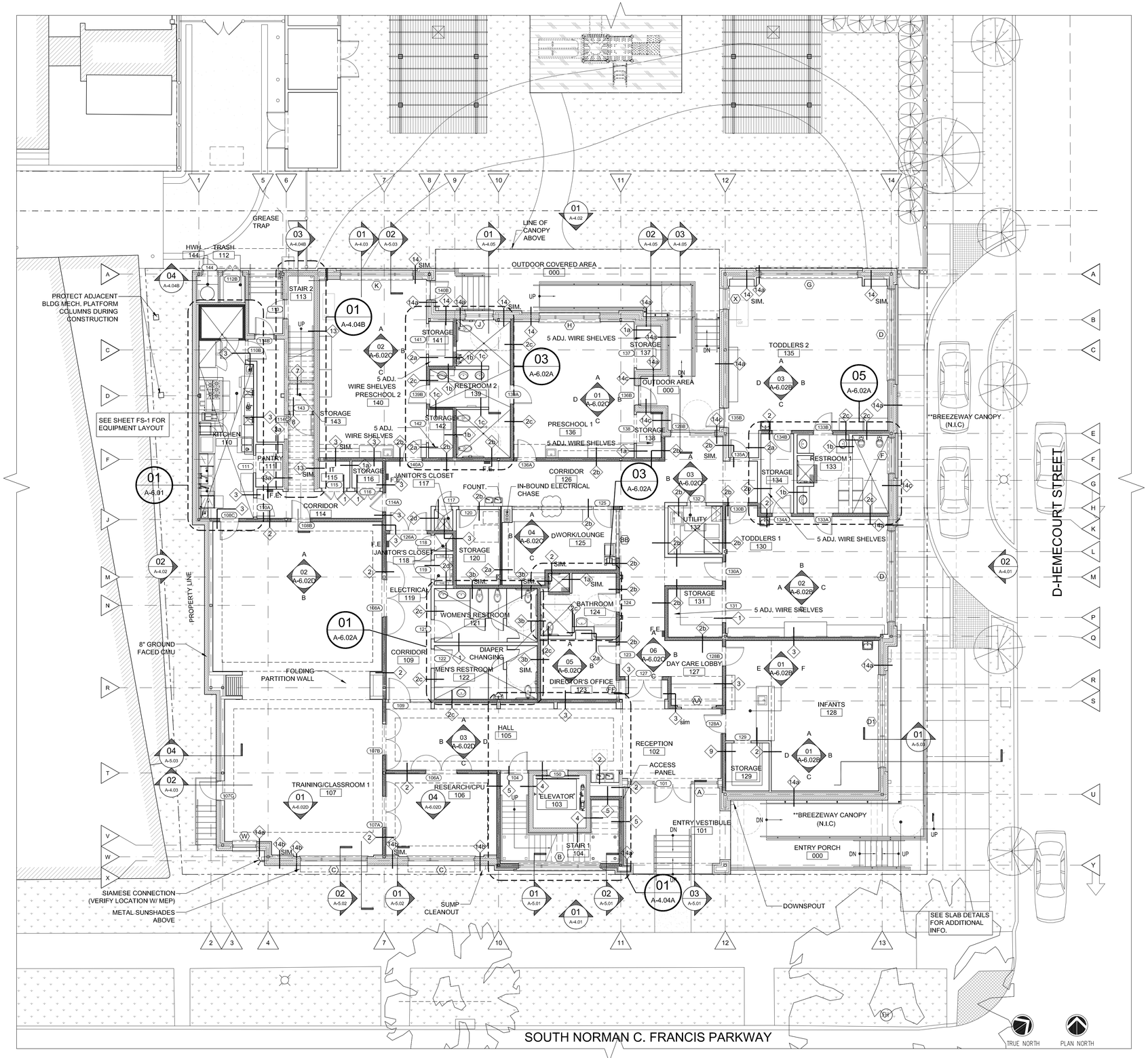
Interoffice Data

Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date
07/12/2023
(RE-ISSUE 11/12/2024)

Title
First Floor - Perimeter Conditions

Sheet
A-2.01.1



1 First Floor Plan - Descriptive

A-2.01A

SCALE: 1/8" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.01 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.11 AND A-3.12 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN IT IS FOR RELATIONSHIP PURPOSES ONLY. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND EQUIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TVs) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

9. VERIFY ALL FIRE EXTINGUISHER CABINET LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-INS AND FINAL LOCATIONS.

WALL KEY

- CMU BLOCK WALL
- BRICK VENEER
- STUCCO VENEER
- CAST STONE VENEER
- 6" MTL STUD WALL W/ INSULATION

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

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Drawn By	GV,EG
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07/12/2023
(RE-ISSUE 06/17/2025)

Title

First Floor - Descriptive Plan

Sheet

A-2.01A

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DIMENSION NOTES

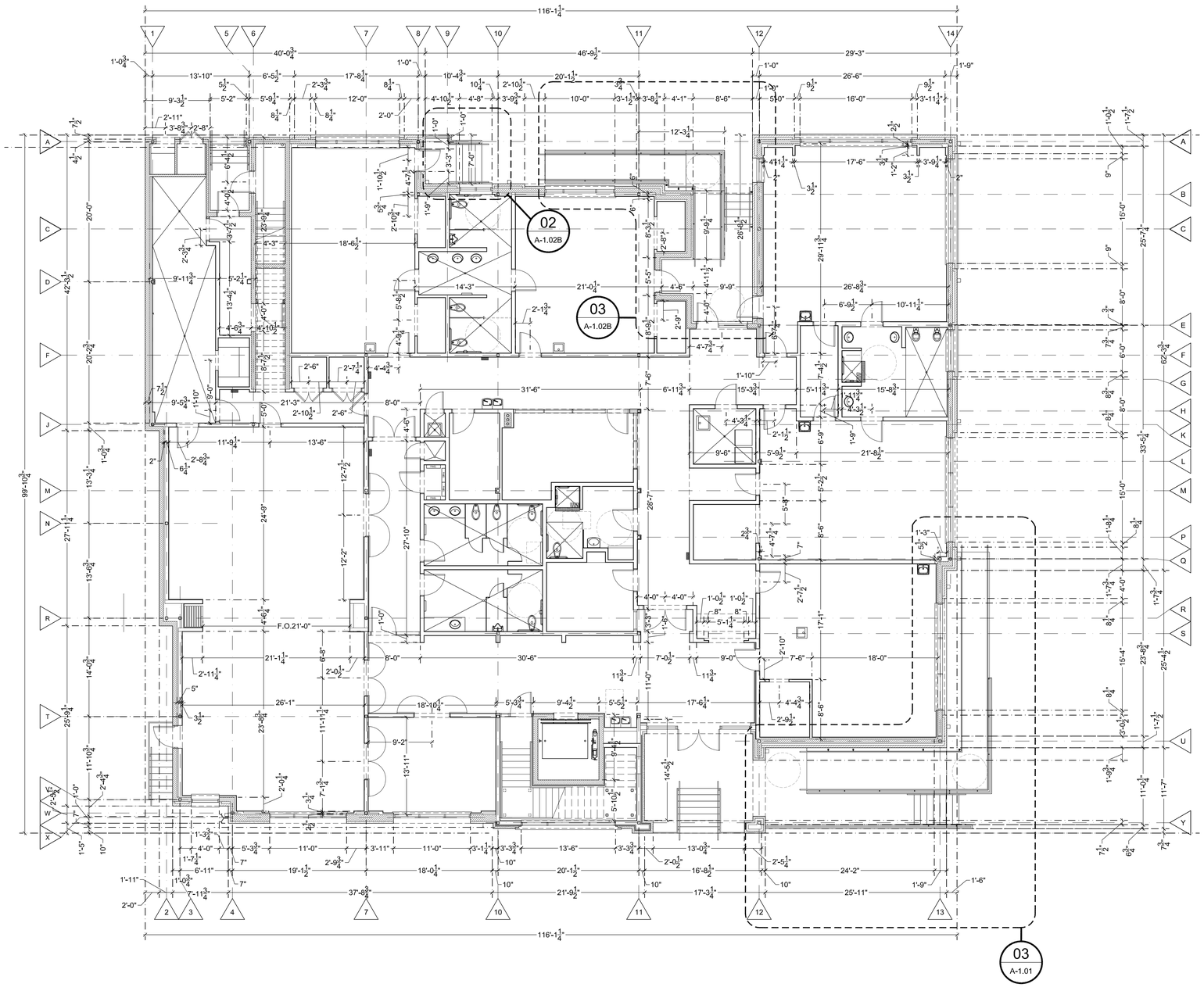
1. ALL SECOND FLOOR INTERIOR WALL DIMENSIONS ARE FACE OF STUD TO FACE OF STUD OR TO CONCRETE BLOCK AT STAIRWELLS UNLESS OTHERWISE NOTED.

2. SEE SHEETS A6.01 FOR ENLARGED ROOMS WITH DIMENSIONS OF UNIT PARTITION WALLS.

3. SEE DESCRIPTIVE SHEETS FOR ENLARGED PLAN LOCATIONS THAT MAY PROVIDE ADDITIONAL INFORMATION FOR THAT AREA.

4. SEE A-3.01A, SHEETS FOR PARTITION DETAILS

5. ALIGN 2ND FLOOR WINDOWS FRAMES VERTICALLY WITH WINDOWS AT FIRST FLOOR BELOW (PER ELEVATIONS) ANY ADJUSTMENTS PER MASONRY LAYOUT TO BE APPLIED TO 2ND FLOOR.



1 First Floor Plan - Dimensioned
A-2.01B

SCALE: 1/8" = 1'-0"

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
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Title

First Floor - Dimension Plan

Sheet

A-2.01B

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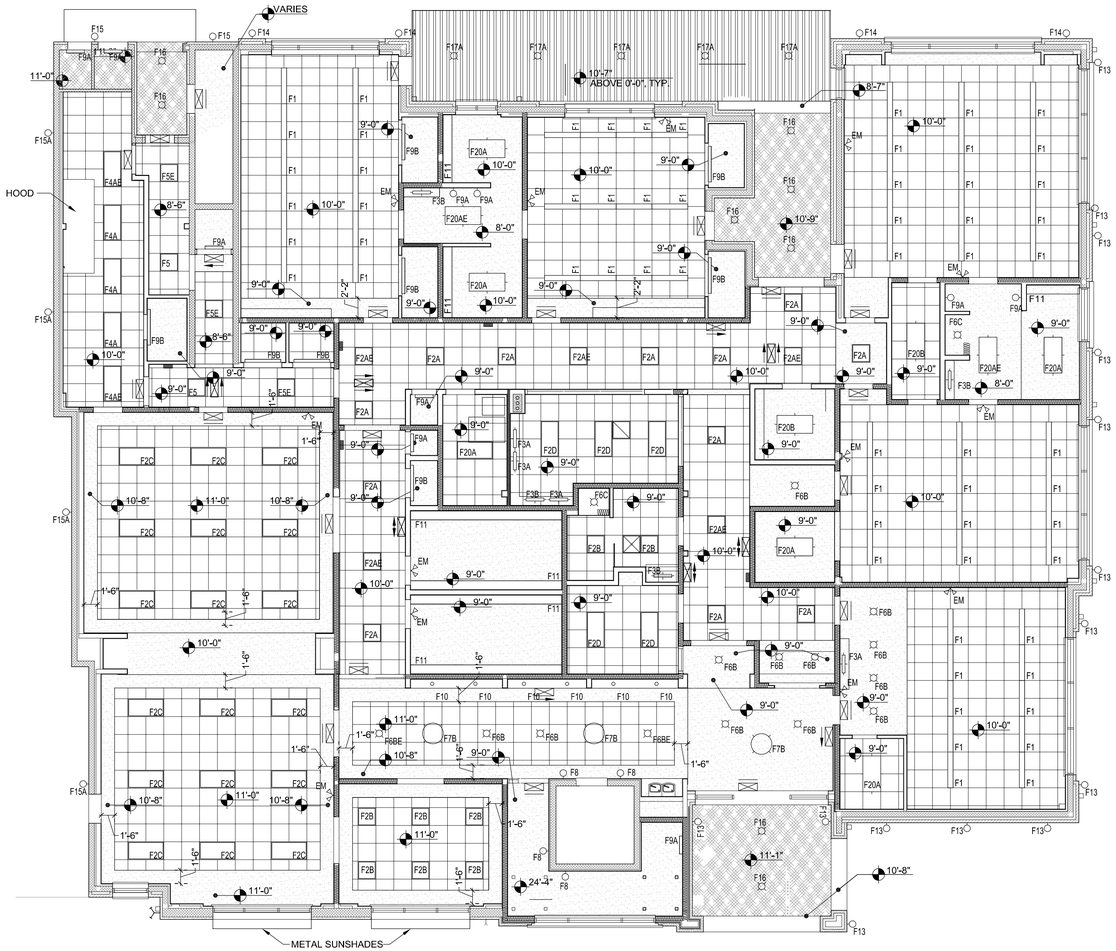

1 First Floor - Reflected Ceiling Plan

A-2.01C

SCALE: 1/8" = 1'-0"

RCP LEGEND

- 2' X 2' SUSPENDED ACOUSTIC TILE CEILING (SEE NOTE FOR APC-1 AND SPECIFICATIONS FOR DETAILS)

- GYPSUM BOARD CEILING - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS) & MOUNTING DETAILS

- SUSPENDED PLASTER - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS)

RCP NOTES

1. A-2.01C & A-2.02C ARE FOR LIGHTING FIXTURE LOCATIONS AND SUPERCEDE ELECTRICAL SHEETS FOR LOCATIONS AND RELATIONSHIPS ONLY.

2. SEE ELECTRICAL SHEETS FOR MORE DETAILS ON FIXTURE TYPE...

3. ALL RECESSED CAN FIXTURES WILL BE CENTERED IN CORRIDORS, GYP CEILINGS, GYP CEILING BANDS, AND LAY IN CEILING TILES AS SHOWN.

4. ANY CONFLICTS WITH FIXTURE LOCATIONS BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

5. ALL LAY IN CEILING TILES SHALL BE CENTERED WITHIN SPACE PER ARCHITECTURAL RCP SHEETS. WHERE THERE ARE SMALL SLIVERS OF TILE ALONG ANY EDGE LESS THAT 3" AND THERE IS A GYP BORDER, THE BORDER MAY INCREASE/DECREASE AS DIRECTED BY THE ARCHITECT.

6. ALL GYP CEILING BORDERS IN CONFERENCE ROOMS ARE 1'-0" FROM FACE OF STUDS TO EDGE OF FRAME UNLESS OTHERWISE NOTED ON PLANS SUCH AS IN LARGE CONFERENCE ROOM.

7. ALL GYP CEILING BORDERS IN CORRIDORS, PUBLIC SPACES, AND OFFICES ARE 1'-6" FROM FACE OF STUD TO EDGES OF FRAME UNLESS OTHERWISE NOTED ON PLANS.

8. ALIGN EDGE OF SOFFITS ALONG EXTERIOR BUMPOUTS WITH INTERIOR FURRING. SOFFITS WILL VARY IN WIDTHS BUT HAVE A CONTINUOUS INTERIOR EDGE.

9. SEE ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHTS.

Legend:

- 2' X 2' LAY-IN LED LIGHT FIXTURE
- 2' X 4' LAY-IN LED LIGHT FIXTURE
- 2' X 4' RECESSED LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- SUSPENDED LED LINEAR LIGHTING
- 2' FLUORESCENT UNDER-CABINET LIGHT FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED FIXTURE
- WALL MOUNTED FIXTURE
- EXTERIOR CAN FIXTURE
- COMBINATION VENT AND HEATER
- COMBINATION VENT, LIGHT AND HEATER
- COMBINATION VENT AND LIGHT
- VENT
- EXTERIOR FLOOD LIGHT
- STEP LIGHT
- RECESSED
- WALL SWITCH
- OUTLET
- POWER SUPPLY
- GAS SUPPLY
- INTERNET CONNECTION
- CABLE TV JACK.
- TELEPHONE JACK.
- ELECTRICAL PANEL BOX.
- SMOKE DETECTOR
- WALL VENT
- EXIT SIGN

Schedule of Electrical Fixtures

MARK	DESCRIPTION	COMMENTS
FI	Suspended LED Linear Lighting	
F2	2' x 4' Surface Mounted LED	
F2A	2' x 2' Recessed LED	
F2B	2' x 2' Recessed LED	
F2C	2' x 4' Recessed LED	
F2D	2' x 4' Recessed LED	
F3	2' Undercabinet Light	
F4A	2' X 4' Recessed LED	
F4B	2' X 4' Recessed LED	
F5	2' X 2' Recessed LED	
F5E	2' X 2' Recessed LED	
F6A	Recessed Light	
F6B	Recessed Light	
F6C	Recessed Light @ Wet Locations	
F7A	Decorative Pendant	
F7B	Decorative Pendant	
F8A	Wall Sconce	
F8B	Wall Sconce	
F9A	Wall Mounted LED	
F9B	Wall Mounted LED	
F9C	Wall Mounted LED	
F10	Downlight	
F11	Cove Light	
F12	Emergency Wall Mounted	
F13	Exterior Wall Sconce	
F14	Exterior Wall Sconce	
F15	Exterior Wall Sconce	
F16	Exterior Downlight	
F17	Exterior Canopy	
F18	LED Shop Light	
F19	Flood Light	
F20	Exterior Wall	
F21	Pole Lighting	

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

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Drawn By	GV
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Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

First Floor - Reflected Ceiling Plan

Sheet

A-2.01C

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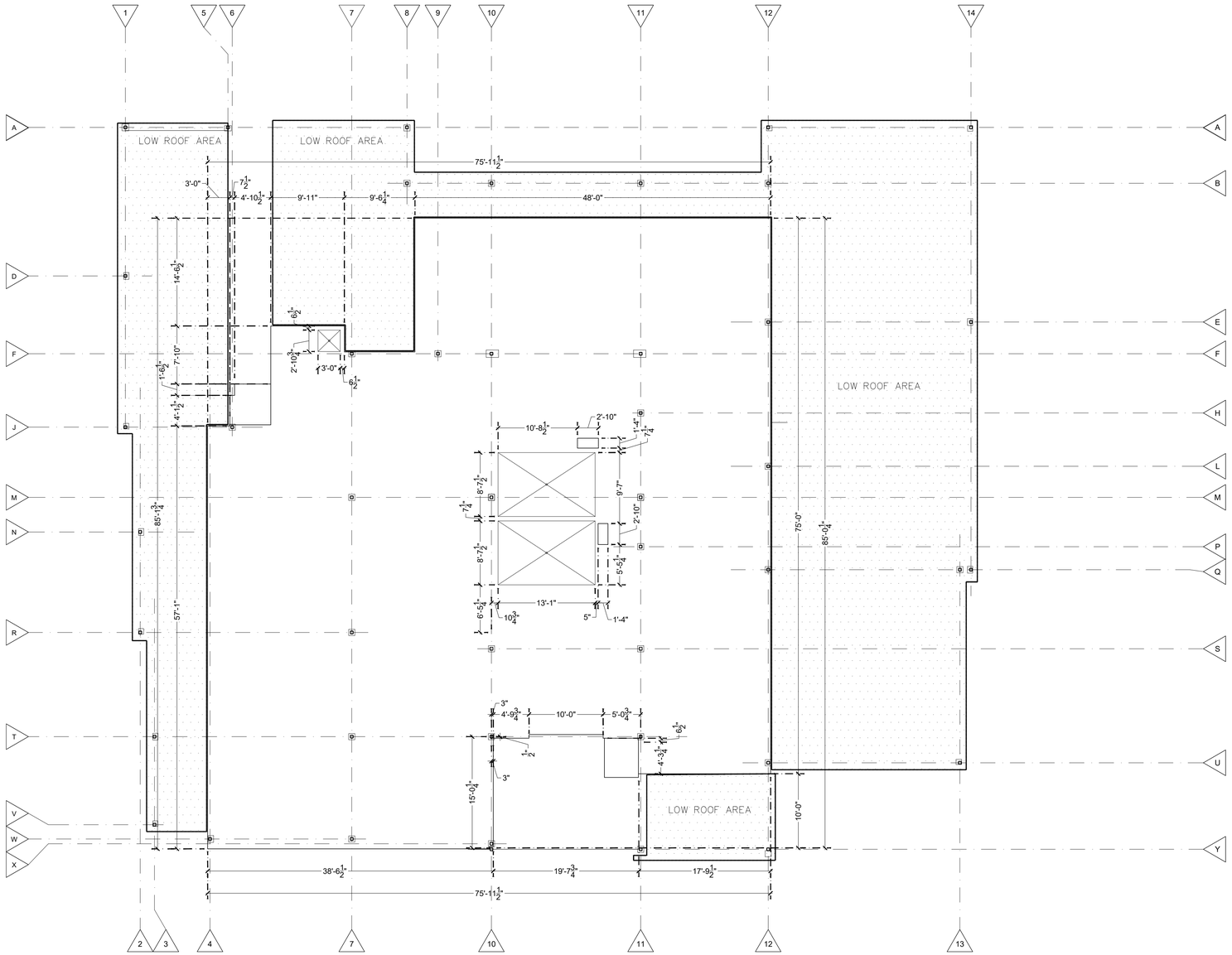

1 Second Floor - Slab Plan

A-2.02.0

SCALE: 1/8" = 1'-0"

SLAB NOTES

1. THE CMU IS SHOWN WITH A HATCH FOR REFERENCE TO THE WALL SECTIONS AND DETAILS. THE CMU WILL SIT ON THE MAIN SLAB AND NOT AFFECT THE SLAB RECESS AT BRICK LEDGE.

2. BRICK LEDGE WILL RELATE TO ADJACENT GRADE/HARDSCAPE. THE ELEVATION WILL VARY ALONG THE PERIMETER OF THE BUILDING. FOR BRICK LEDGE ELEVATIONS, REF: SLAB PLANS.

3. CONTRACTOR RESPONSIBILITY TO COORDINATE THE BRICK LEDGE ELEVATIONS WITH BRICK COURSING.

4. SEE LANDSCAPING FOR FINAL SITE GRADES.

5. 0'-0" MAIN SLAB ELEVATION RELATES TO GRADE ELEVATION OF **20.50**. ALL SLAB ELEVATIONS ON THIS DRAWING REFERENCE 0'-0"

6. SEE STRUCTURAL DRAWINGS FOR GRADE BEAM/PILING LOCATIONS AND DETAILS.

7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL PLUMBING AND ELECTRICAL LOCATIONS.

8. FINAL CONTROL JOINTS ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO FORMING AND SLAB POUR.

9. PLUMBING AND PENETRATION DIMENSIONS ARE APPROXIMATE AND LOCATION / SIZES ARE TO BE VERIFIED WITH CORRESPONDING ME&P AND STRUCTURAL DRAWINGS.

10. SLOPE SLAB TO DRAIN A MIN OF 1/8" PER FOOT AT ALL WET CONDITIONS OR AS OTHERWISE NOTED.

11. CONTRACTOR TO COORDINATE DEPRESSED EDGES AT SHOWER LOCATIONS PRIOR TO SLAB POUR.

12. SEE STRUCTURAL FOR SIZES OF REINFORCEMENT, COLUMN SIZES, LOCATIONS AND ANCHORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

BID SET - 2025

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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Title
Second Floor - Slab Plan

Sheet
A-2.02.0

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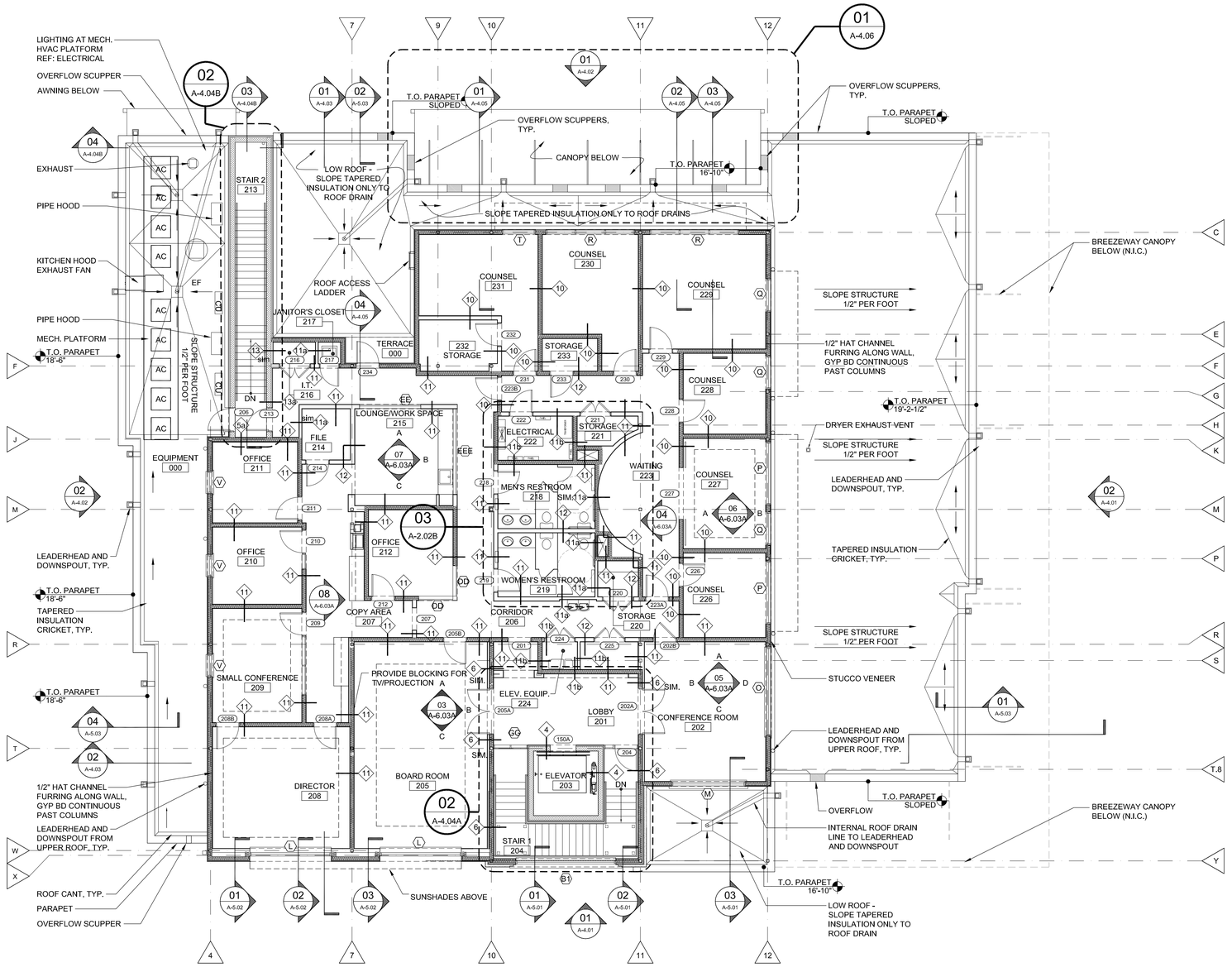

1 Second Floor Plan - Descriptive

A-2.02A

TRUE NORTH PLAN NORTH

SCALE: 1/8" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.01 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.11 AND A-3.12 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN IT IS FOR RELATIONSHIP PURPOSES ONLY. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND EQUIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TVs) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

9. VERIFY ALL FIRE EXTINGUISHER CABINET LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-INS AND FINAL LOCATIONS.

10. REFER TO SHEET A-0.06 FOR ALTERNATES

WALL KEY

- CMU BLOCK WALL
- BRICK VENEER
- STUCCO VENEER
- CAST STONE VENEER
- 6" MTL STUD WALL W/ INSULATION

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Title

Second Floor - Descriptive Plan

Sheet

A-2.02A

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DIMENSION NOTES

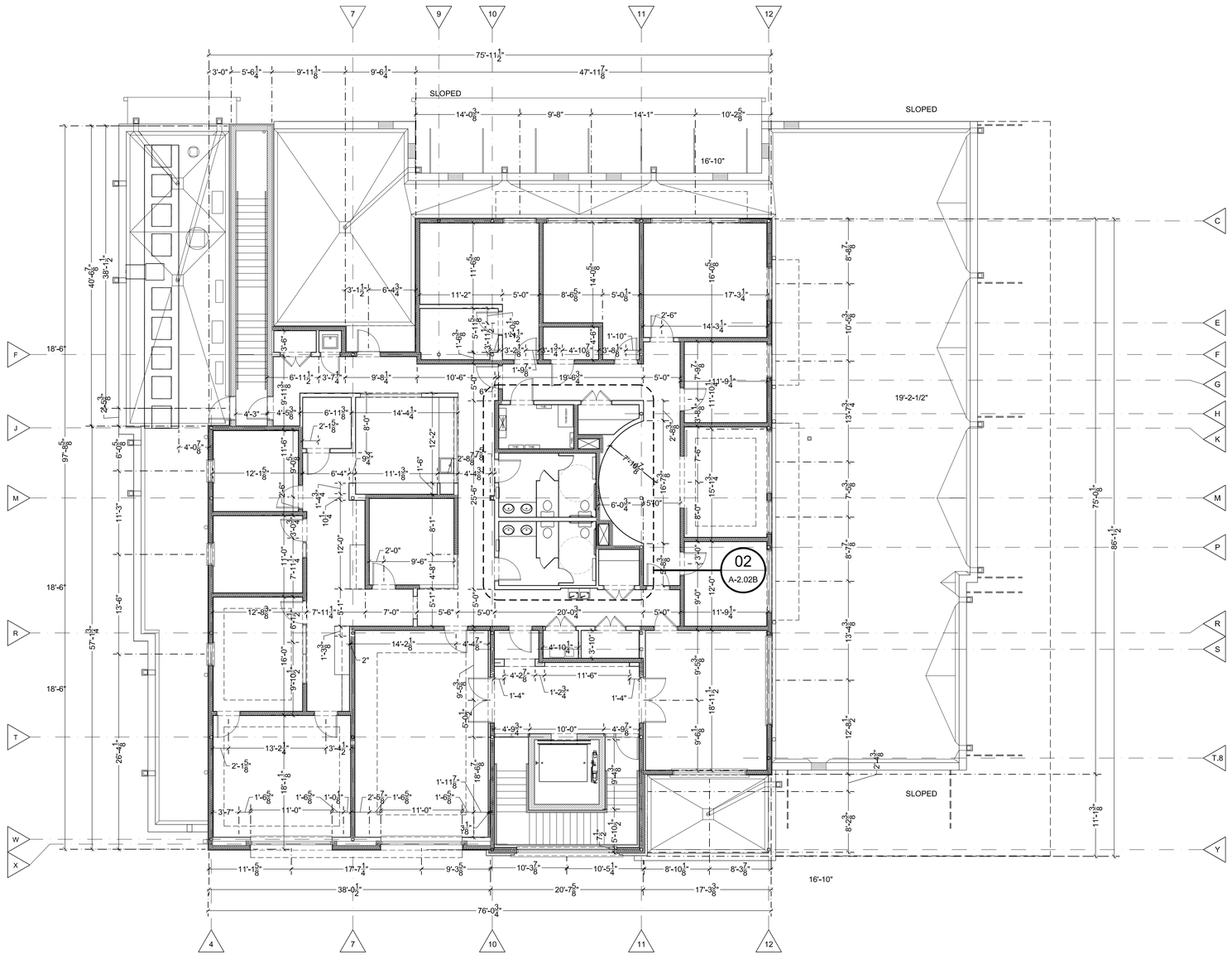
1. ALL SECOND FLOOR INTERIOR WALL DIMENSIONS ARE FACE OF STUD TO FACE OF STUD OR TO CONCRETE BLOCK AT STAIRWELLS UNLESS OTHERWISE NOTED.

2. SEE SHEETS A6.01 FOR ENLARGED ROOMS WITH DIMENSIONS OF UNIT PARTITION WALLS.

3. SEE DESCRIPTIVE SHEETS FOR ENLARGED PLAN LOCATIONS THAT MAY PROVIDE ADDITIONAL INFORMATION FOR THAT AREA.

4. SEE A-3.01A, SHEETS FOR PARTITION DETAILS

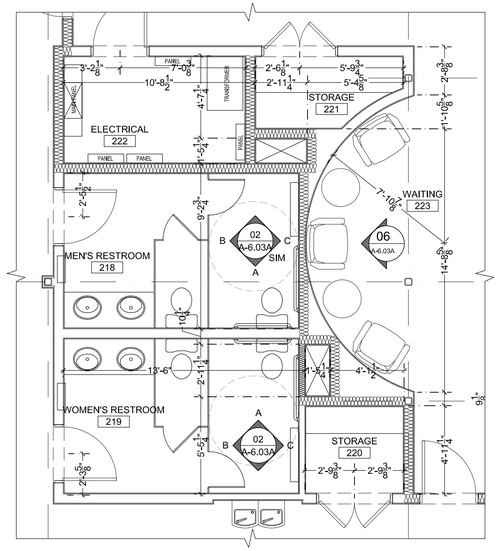
5. ALIGN 2ND FLOOR WINDOWS FRAMES VERTICALLY WITH WINDOWS AT FIRST FLOOR BELOW (PER ELEVATIONS) ANY ADJUSTMENTS PER MASONRY LAYOUT TO BE APPLIED TO 2ND FLOOR.



1 Second Floor Plan - Dimension Plan

A-2.02B

SCALE: 1/8" = 1'-0"



2 Enl. Floor Plan - Counseling Core

A-2.02B

SCALE: 1/4" = 1'-0"

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Second Floor - Dimension Plan

Sheet

A-2.02B

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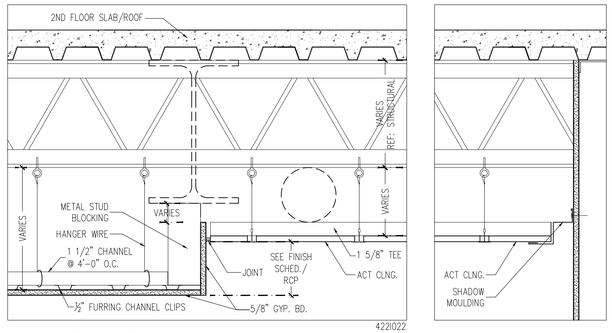

Typ. Suspended Gyp. Bd. Ceiling & Soffit Condition

2 A-2.02C SCALE: 1 1/2" = 1'-0"

Typ. ACT Ceiling

3 A-2.02C SCALE: 1 1/2" = 1'-0"

RCP LEGEND

- 2' X 2' SUSPENDED ACOUSTIC TILE CEILING (SEE NOTE FOR APC-1 AND SPECIFICATIONS FOR DETAILS)
- GYPSUM BOARD CEILING - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS) & MOUNTING DETAILS
- SUSPENDED PLASTER - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS)

RCP NOTES

1. A-2.01C & A-2.02C ARE FOR LIGHTING FIXTURE LOCATIONS AND SUPERCEDE ELECTRICAL SHEETS FOR LOCATIONS AND RELATIONSHIPS ONLY.
2. SEE ELECTRICAL SHEETS FOR MORE DETAILS ON FIXTURE TYPE...
3. ALL RECESSED CAN FIXTURES WILL BE CENTERED IN CORRIDORS, GYP CEILINGS, GYP CEILING BANDS, AND LAY IN CEILING TILES AS SHOWN.
4. ANY CONFLICTS WITH FIXTURE LOCATIONS BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. ALL LAY IN CEILING TILES SHALL BE CENTERED WITHIN SPACE PER ARCHITECTURAL RCP SHEETS. WHERE THERE ARE SMALL SLIVERS OF TILE ALONG ANY EDGE LESS THAT 3" AND THERE IS A GYP BORDER, THE BORDER MAY INCREASE/DECREASE AS DIRECTED BY THE ARCHITECT.
6. ALL GYP CEILING BORDERS IN CONFERENCE ROOMS ARE 1'-0" FROM FACE OF STUDS TO EDGE OF FRAME UNLESS OTHERWISE NOTED ON PLANS SUCH AS IN LARGE CONFERENCE ROOM.
7. ALL GYP CEILING BORDERS IN CORRIDORS, PUBLIC SPACES, AND OFFICES ARE 1'-6" FROM FACE OF STUD TO EDGES OF FRAME UNLESS OTHERWISE NOTED ON PLANS.
8. ALIGN EDGE OF SOFFITS ALONG EXTERIOR BUMPOUTS WITH INTERIOR FURRING. SOFFITS WILL VARY IN WIDTHS BUT HAVE A CONTINUOUS INTERIOR EDGE.
9. SEE ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHTS.

Legend:

- 2' X 2' LAY-IN LED LIGHT FIXTURE
- 2' X 4' LAY-IN LED LIGHT FIXTURE
- 2' X 4' RECESSED LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- SUSPENDED LED LINEAR LIGHTING
- 2' FLUORESCENT UNDER-CABINET LIGHT FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED FIXTURE
- WALL MOUNTED FIXTURE
- EXTERIOR CAN FIXTURE
- COMBINATION VENT AND HEATER
- COMBINATION VENT, LIGHT AND HEATER
- COMBINATION VENT AND LIGHT
- VENT
- EXTERIOR FLOOD LIGHT
- STEP LIGHT
- RECESSED
- WALL SWITCH
- OUTLET
- POWER SUPPLY
- GAS SUPPLY
- INTERNET CONNECTION
- CABLE TV JACK.
- TELEPHONE JACK.
- ELECTRICAL PANEL BOX.
- SMOKE DETECTOR
- WALL VENT
- EXIT SIGN

Schedule of Electrical Fixtures

MARK	DESCRIPTION	COMMENTS
FI	Suspended LED Linear Lighting	
F2	2' x 4' Surface Mounted LED	
F2A	2' x 2' Recessed LED	
F2B	2' x 2' Recessed LED	
F2C	2' x 4' Recessed LED	
F2D	2' x 4' Recessed LED	
F3	2' Undercabinet Light	
F4A	2' X 4' Recessed LED	
F4B	2' X 4' Recessed LED	
F5	2' X 2' Recessed LED	
F5E	2' X 2' Recessed LED	
F6A	Recessed Light	
F6B	Recessed Light	
F6C	Recessed Light @ Wet Locations	
F7A	Decorative Pendant	
F7B	Decorative Pendant	
F8A	Wall Sconce	
F8B	Wall Sconce	
F9A	Wall Mounted LED	
F9B	Wall Mounted LED	
F9C	Wall Mounted LED	
F10	Downlight	
F11	Cove Light	
F12	Emergency Wall Mounted	
F13	Exterior Wall Sconce	
F14	Exterior Wall Sconce	
F15	Exterior Wall Sconce	
F16	Exterior Downlight	
F17	Exterior Canopy	
F18	LED Shop Light	
F19	Flood Light	
F20	Exterior Wall	
F21	Pole Lighting	

1 A-2.02C

Second Floor Plan - Reflected Ceiling Plan

SCALE: 1/8" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

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Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

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Title

Second Floor - Reflected Ceiling Plan

Sheet

A-2.02C

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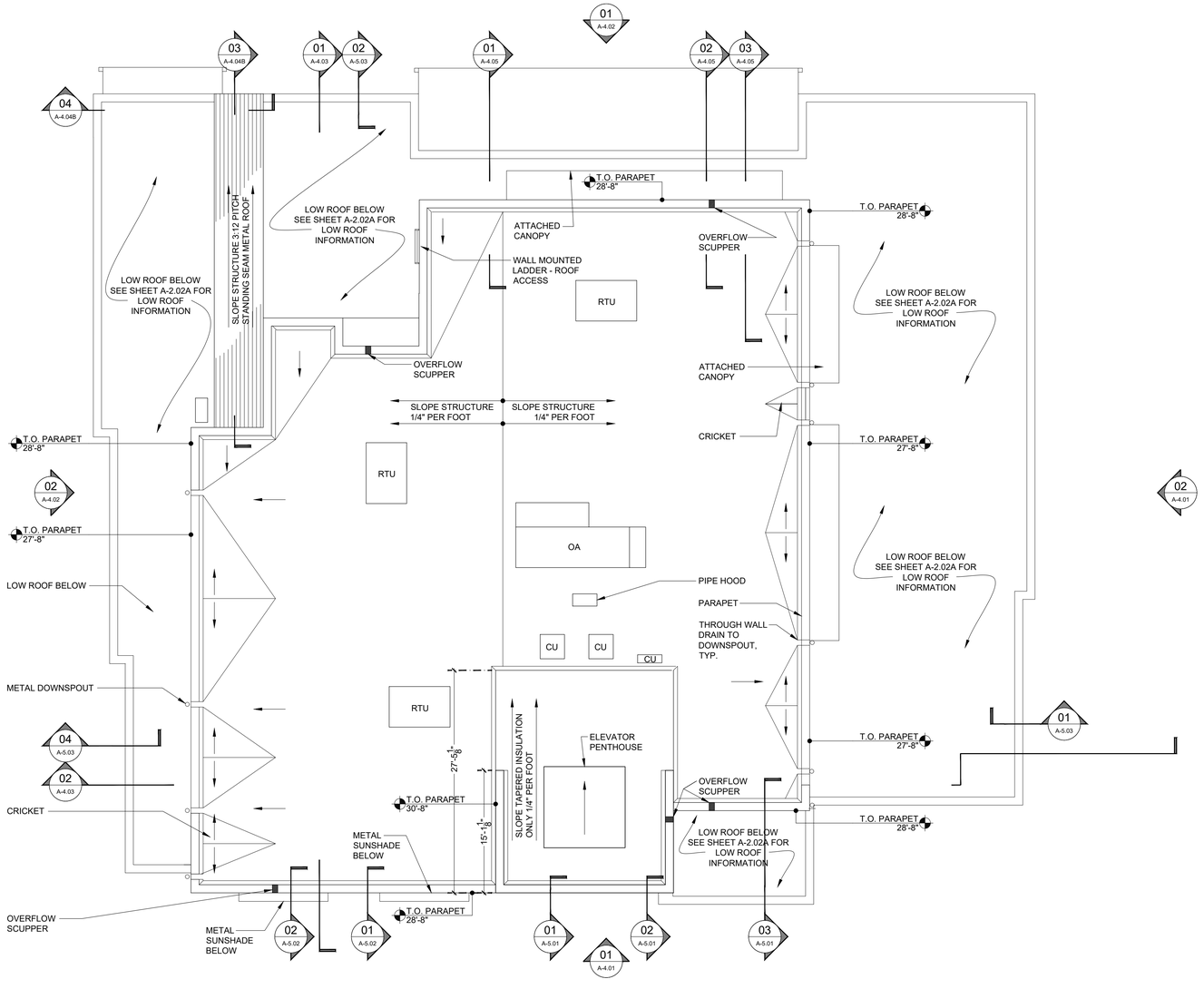

1 Roof Plan
A-2.03A

TRUE NORTH PLAN NORTH
SCALE: 1/8" = 1'-0"

ROOF PLAN NOTES

1. SEE ENLARGED PLANS PER REFERENCE MARK FOR ADDITIONAL INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. PROVIDE FLASHING AT ALL LOCATIONS WHERE ADJACENT WALLS MEET.

3. CONFIRM ALL EQUIPMENT CLEARANCES BEFORE INSTALLATION.

4. REFERENCE MECHANICAL FOR EQUIPMENT SPECIFICS.

5. CONTRACTOR TO COORDINATE THE EXTENT OF ALL PIPING, CONDUIT, VENTS, DUCTS, ETC.., PENETRATING ROOF THROUGHOUT ELECTRICAL AND MECHANICAL DRAWINGS.

6. REFER TO S-7 FOR PLATFORM DIM. CONTRACTOR TO VERIFY ALL EQUIP. DIMENSIONS AND CLEARANCES AS SPECIFIED BY MECH. AND ELEC. ENGINEER WITH PLATFORM DIMENSIONS. NOTIFY ARCH AND STRUCTURAL ENGINEER OF DISCREPANCIES IN PLATFORM FOOTPRINT

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A-2.03A

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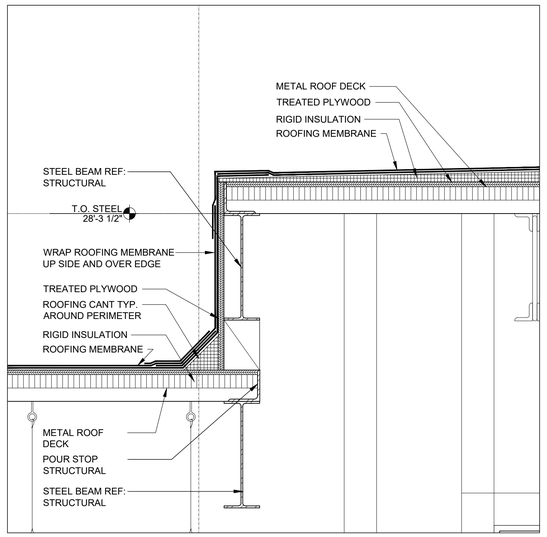
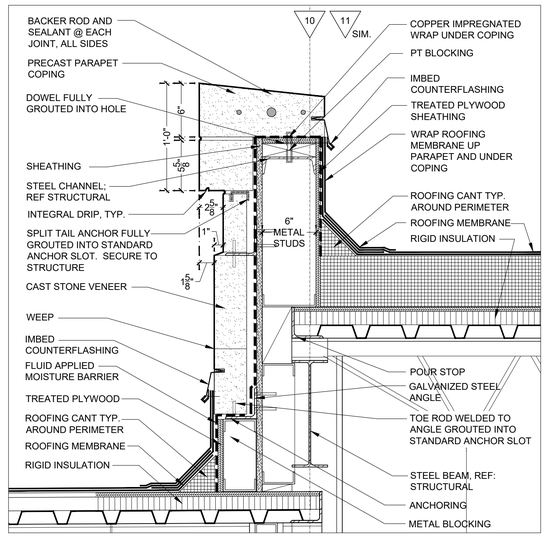
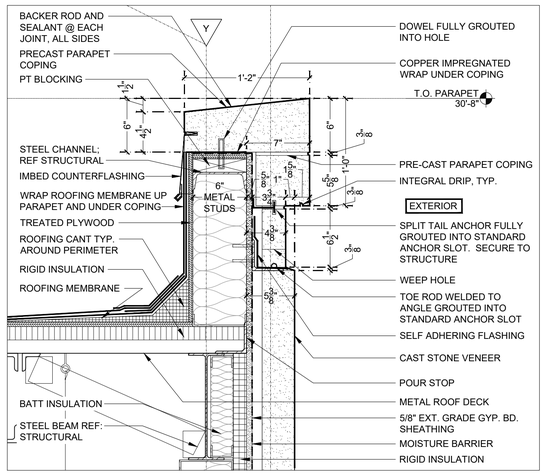


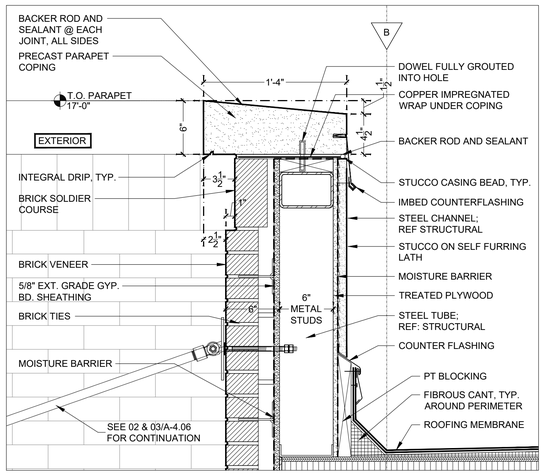
06 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



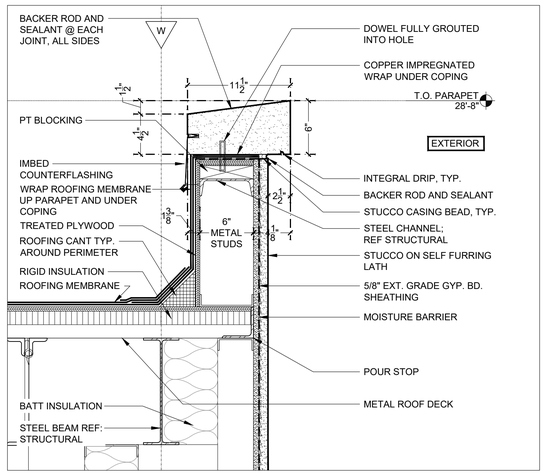
05 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



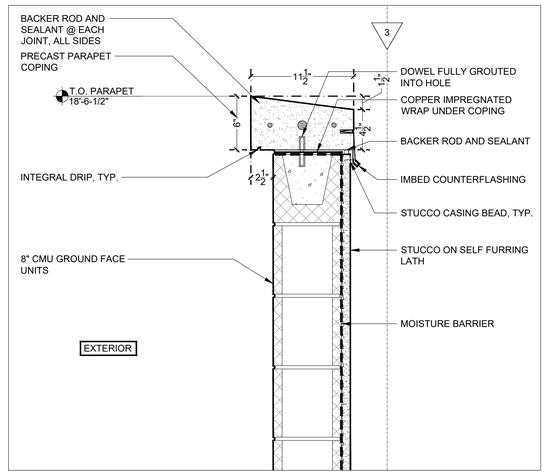
04 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



03 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



02 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



01 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"

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A-2.03B

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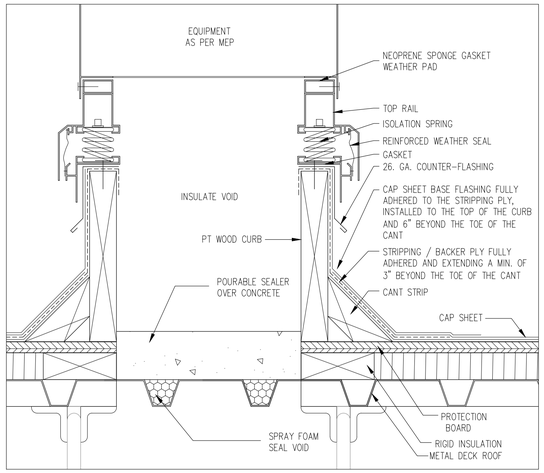
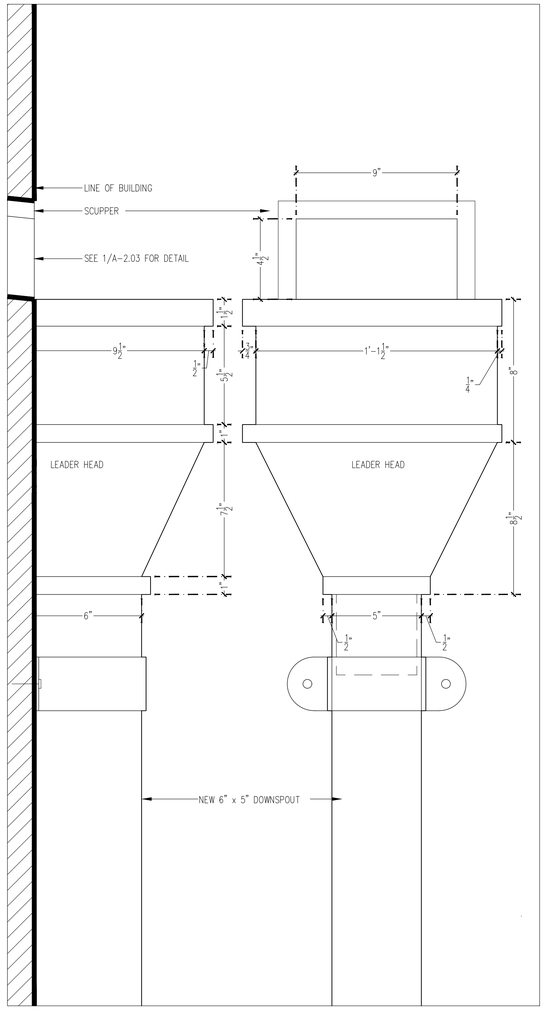


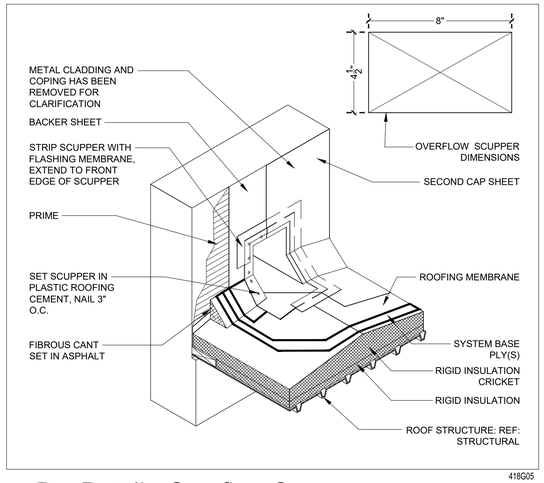
8 Detail - Rooftop Spring Curb

– | A-2.03C SCALE: 3/4" = 1'-0"



5 Detail - Leader Head

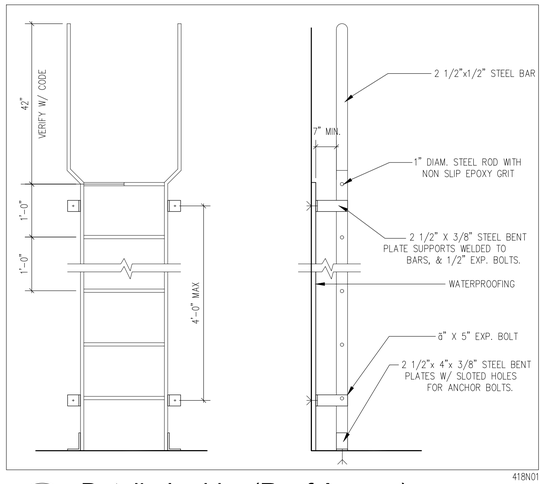
– | A-2.03C SCALE: 3" = 1'-0"



418G05

3 Detail - Overflow Scupper

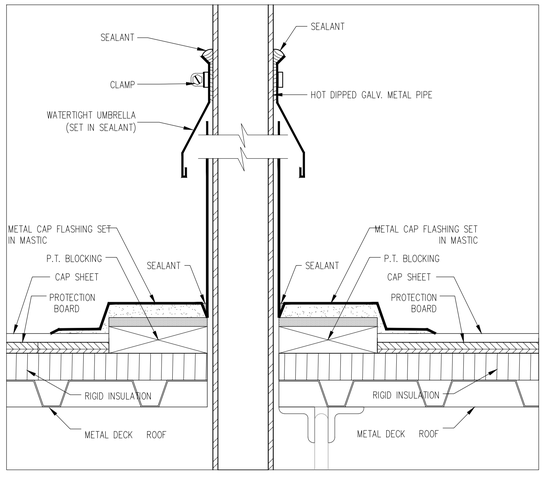
– | A-2.03C SCALE: 3" = 1'-0"



418N01

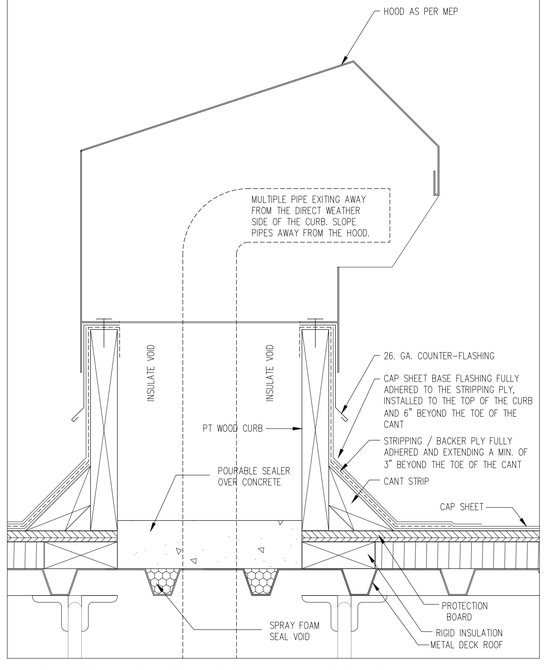
7 Detail - Ladder (Roof Access)

– | A-2.03C SCALE: 3/4" = 1'-0"



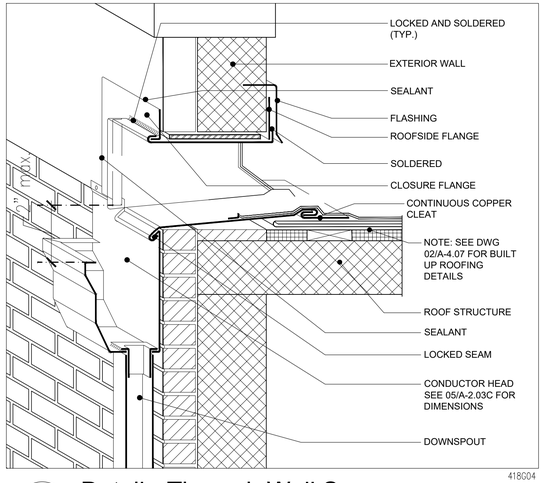
2 Detail - Roof Penetration (typ)

– | A-2.03C SCALE: 3" = 1'-0"



9 Detail - Roof Cowl and Curb

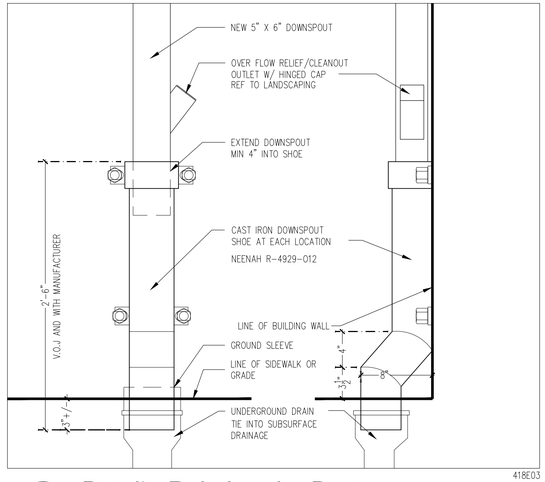
– | A-2.03C SCALE: 3" = 1'-0"



418G04

6 Detail - Through Wall Scupper

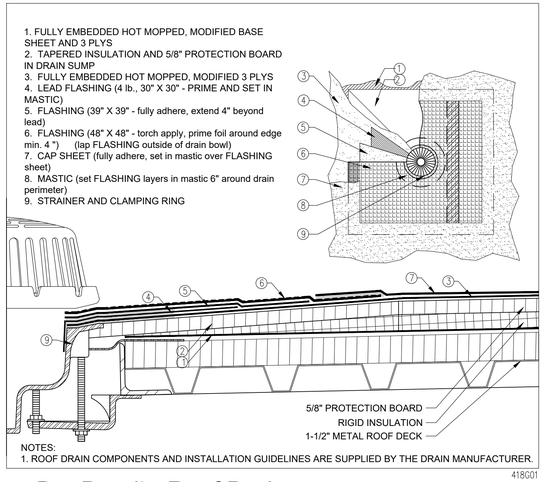
– | A-2.03C SCALE: 3" = 1'-0"



418E03

4 Detail - Rain Leader Boot

– | A-2.03C SCALE: 1-1/2" = 1'-0"



418G01

1 Detail - Roof Drain

A-5.01 | A-2.03C SCALE: 3" = 1'-0"

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A-2.03C

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Door and Frame Schedule - First Floor

MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HEAD	JAMB	SILL	TRANSOM	FIRE RATING	HARDWARE	STC	REMARKS
							MATERIAL	TYPE								
101	D	6'-0"	8'-2"		EXTERIOR DOOR	ALUM/GLASS	ALUM							31		
104	L	4'-7"	9'-0"		INTERIOR STOREFRONT W/ 3'-0"x8'-0" DOOR, SIDELIGHT & TRANSOM	WOOD/GLASS	ALUM						60 MIN	27		
106.A	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							24	45	
107.A	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							24	45	
107.B	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							21	45	
107.C	B	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	METAL	HM							2		
108.A	I	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							21	45	
108.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
108.C	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	23		KICK PLATE AT KITCHEN
109	M	7'-4¾"	8'-0"		INTERIOR STOREFRONT W/ 3'-6" DOOR & SIDELIGHT	WOOD/GLASS	ALUM							15		PROVIDE HOLD OPEN
110.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	25		KICK PLATE AT KITCHEN
110.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	25		KICK PLATE AT KITCHEN
111		3'-0"	7'-0"		CASED OPENING		HM							-		
112.B	C	3'-0"	7'-0"		EXTERIOR DOUBLE DOOR	METAL W/ VENT	HM							1		
113	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						60 MIN	2		
114.A	H	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	23		
114.B	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						60 MIN	2		
114C					CASED OPENING		HM							-		
115	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
116	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
117	FF	2'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							11		JANITOR'S CLOSET; SMOKE SEALED
118	FF	2'-3"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		JANITOR'S CLOSET
119	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		
120	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							9		SMOKE SEALED
121	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
122	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
123	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7		SMOKE SEALED
124	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							19		SMOKE SEALED
125	P	16'-7"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	HM							23		SMOKE SEALED
126.A	I	6'-0"	8'-0"		INTERIOR DOUBLE DOORS	WOOD	HM						45 MIN	22		PROVIDE HOLD OPENS FOR BOTH LEAVES
126.B	N	7'-4"	8'-0"		EXTERIOR STOREFRONT W/ 3'-0" DOOR & SIDELIGHT	ALUMINUM	ALUM							31		
127	O	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM						45 MIN	22		PROVIDE HOLD OPENS FOR BOTH LEAVES
128.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	24	50	
128.B	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR W/ SIDELIGHT	WOOD/GLASS	HM						45 MIN	24	50	
129		2'-9"	8'-0"		CASED OPENING		HM							-		
130.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
130.B	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
131		5'-6"	8'-0"		CASED OPENING		HM							-		
132	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM						45	12		SMOKE SEALED
133.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
133.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
134.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17	45	
134.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17	45	
135.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24		SMOKE SEALED
135.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	ALUM/GLASS	ALUM							3		
136.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
136.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	ALUM/GLASS	ALUM							3		
137					CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
138					CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
139.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
139.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
140.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
140.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	METAL/GLASS	ALUM							3		
141		5'-0"	8'-0"		CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
142		4'-6"	8'-0"		CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
143	FF	3'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	10		
144	B	2'-4"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM							2		
150					ELEVATOR FIRE GUARD BARRIER		HM							32		REFER TO MANUFACTURER FOR OPENING SIZE
150A					ELEVATOR FIRE GUARD BARRIER		HM							32		REFER TO MANUFACTURER FOR OPENING SIZE

* ALL EXTERIOR DOORS SHALL BE LARGE MISSILE IMPACT RESISTANT AND SHALL BE ABLE TO RESIST MPH. AND INTERNAL AND EXTERNAL WIND PRESSURES.

** REFERENCE SPECIFICATIONS FOR HARDWARE SCHEDULE

*** ALL FRAMES FOR FIRE RATED STOREFRONT DOORS ARE TO BE ALUMINUM

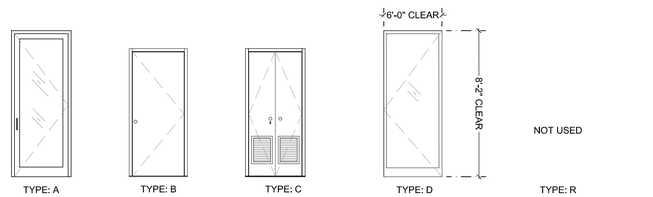
Door and Frame Schedule - Site

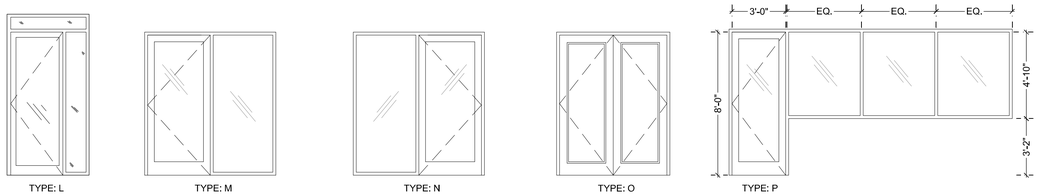
MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HARDWARE
							MATERIAL	TYPE	
145	WIRE	3'-0"	7'-0"		EXTERIOR GATE		PIPE		HW-39
146	WIRE	6'-0	7'-0"		EXTERIOR GATE	CHAINLINK	PIPE		HW-39
148	FLUSH	6'-0"	7'-0"		DOUBLE DOOR W/ LOUVERED W/ FLOOD VENT	HOLLOW METAL	HM		HW-5
149	FLUSH	6'-0"	7'-0"		DOUBLE DOOR W/ LOUVERED W/ FLOOD VENT	HOLLOW METAL	HM		HW-5

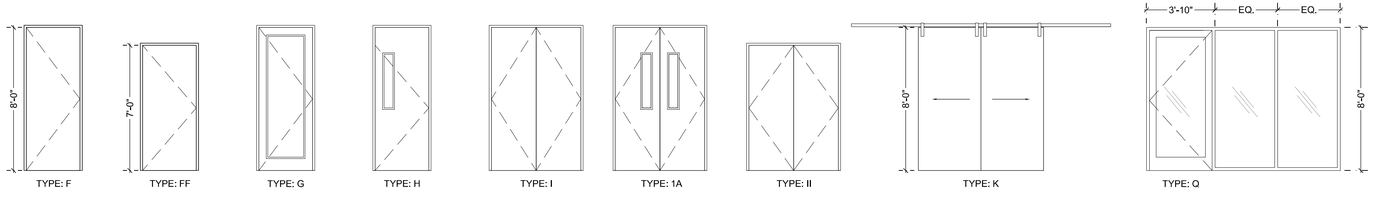
NOTE: REFER TO SHEET A1.02C FOR DOOR ELEVATIONS

Door and Frame Schedule - Second Floor

MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HEAD	JAMB	SILL	TRANSOM	FIRE RATING	HARDWARE	STC	REMARKS
							MATERIAL	TYPE								
201	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							13		
202.A	IA	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM							6	40	
202.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							26	40	
204	L	4'-7"	9'-0"		INTERIOR STOREFRONT W/ 3'-0"x8'-0" DOOR, SIDELIGHT & TRANSOM	WOOD/GLASS	ALUM						60 MIN	27		
205.A	IA	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM							6	40	
205.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							26		
206	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						45 MIN	2		SMOKE SEALS
207		3'-0"	8'-0"		CASED OPENING		HM							-		
208.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7		
208.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							20	50	
209	Q	11'-3"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	HM							20		
210	M	5'-5"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	ALUM							20		
211	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							20		
212	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							20		
213	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						60 MIN	27		
214	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							16		
216	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
217	FF	2'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		
218	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
219	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
220	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
221	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
222	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	12		
223.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
223.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
224	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM						45 MIN	8		
225	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
226	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7	50	
227	K	7'-0"	8'-0"		INTERIOR DOUBLE SLIDING BARN DOOR	WOOD	GYP.							30		
228	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
229	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
230	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
231	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
232	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17		
233	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							16		
234	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						45 MIN	2		SMOKE SEALS







Door Types

SCALE: 1/4" = 1'-0"

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T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
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Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

Door/Window Types & Schedules

Sheet

A-3.01A

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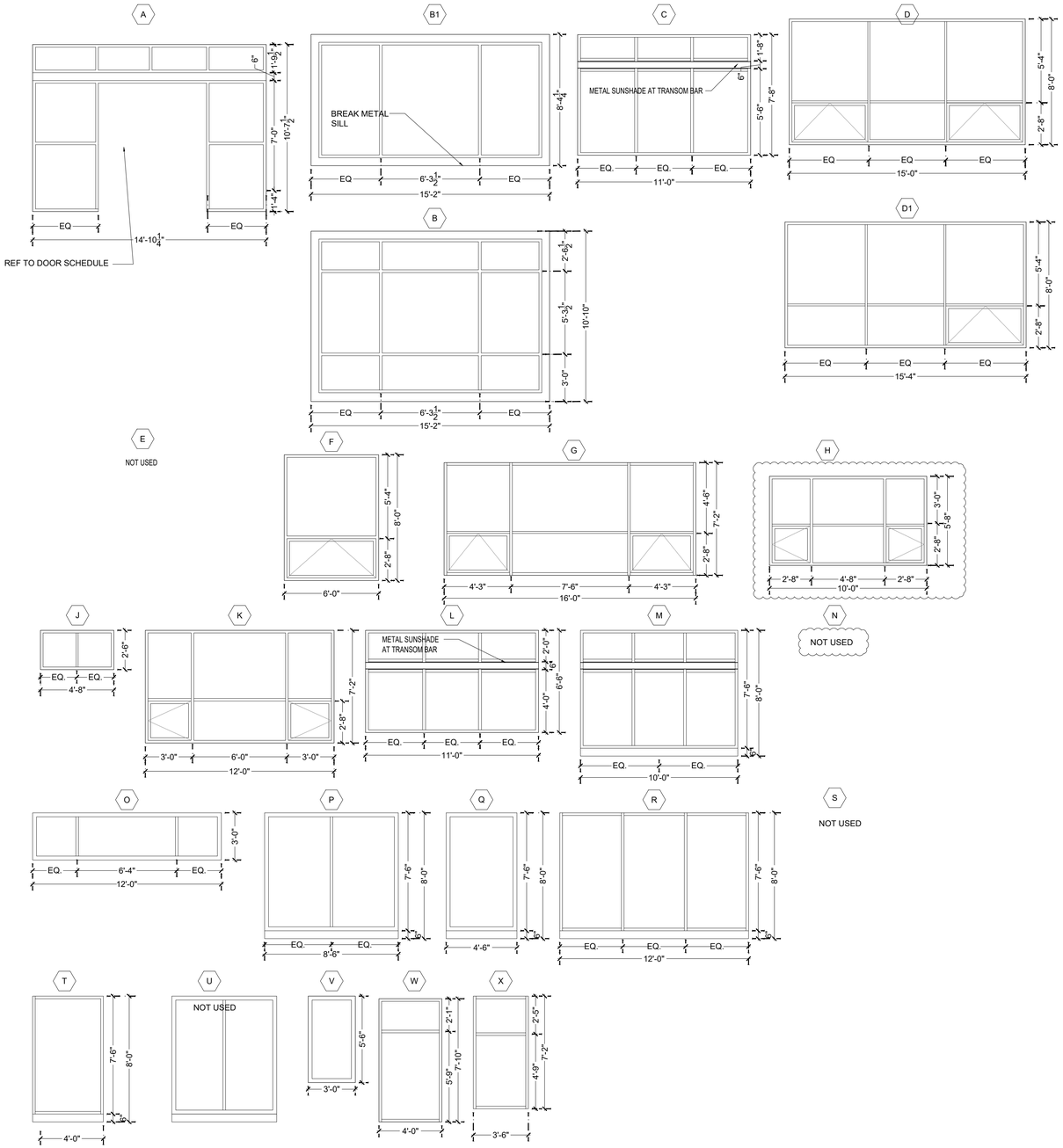

Exterior Window Types

A-3.01B

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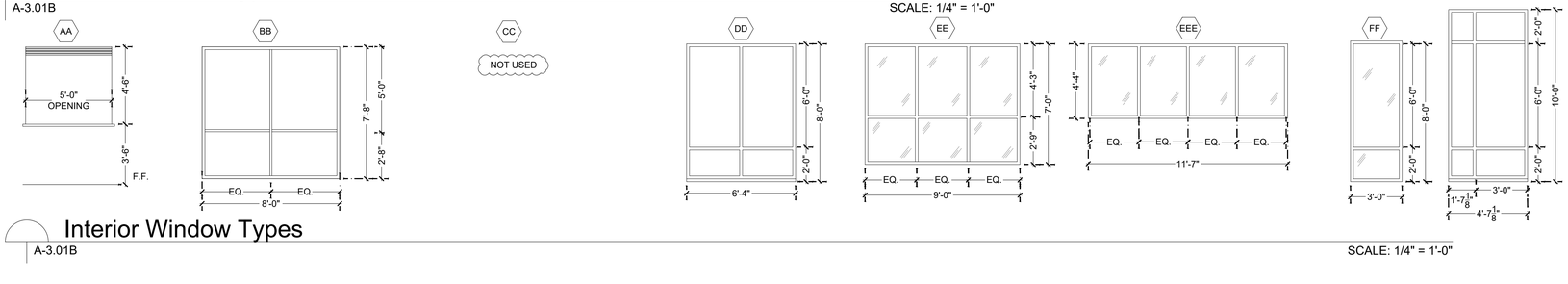

Interior Window Types

A-3.01B

SCALE: 1/4" = 1'-0"

Window Schedule

MARK	FRAME	FINISH OPENING		SILL HEIGHT A.F.F.	DETAILS			FIRE RATING	REMARKS
		WIDTH	HEIGHT		HEAD	JAMB	SILL		
A	ALUM/GLASS	14' - 10.25"	11' - 2"	0' - 0"					
AA	ALUM/GLASS	5' - 0"	4' - 6"	3'- 6"				45 MIN.	ELECTRIFIED - ROLL UP WINDOW
B	ALUM/GLASS	14' - 2"	9' - 10"	0' - 0"					STOREFRONT SYSTEM
BB	ALUM/GLASS	8'-0"	7'-8"	0'-0"					INTERIOR STOREFRONT
B1	ALUM/GLASS	14' - 2"	7' - 4"	4"					STOREFRONT SYSTEM
C	ALUM/GLASS	11' - 0"	7' -8"	2' - 10"					STOREFRONT SYSTEM WITH TRANSOM BAR AND METAL SUNSHADE
D	ALUM/GLASS	15' - 0"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOWS
D1	ALUM/GLASS	15' - 4"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOW
DD	ALUM/GLASS	6 '- 4"	8 '- 0"	0' - 0"				SMOKE	STOREFRONT UNIT
E	-	-	-	-					NOT USED
EE	ALUM/GLASS	9' - 0"	7' - 0"	1' - 0"					
EEE	ALUM/GLASS	11'- 7"	4'- 4"	3'- 8"					INTERIOR STOREFRONT
F	ALUM/GLASS	6' - 0"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOW
FF	ALUM/GLASS	3' - 0"	8' - 0"	0' - 0"					
G	ALUM/GLASS	16' - 0"	7' - 2"	1' - 6"					STOREFRONT WITH OPERABLE AWNING WINDOW
GG	ALUM/GLASS	4' - 7 1/8"	10' - 0"	0' - 0"				SMOKE	STOREFRONT UNIT
H	ALUM/GLASS	10' - 0"	5' - 8"	3' - 0"					STOREFRONT WITH OPERABLE CASEMENT WINDOWS
J	ALUM/GLASS	4' - 8"	2' - 6"	6' - 2"					
K	ALUM/GLASS	12' - 0"	7' - 2"	1' - 6"					
L	ALUM/GLASS	11' - 0"	6' - 6"	2' - 6"					STOREFRONT SYSTEM WITH TRANSOM BAR AND METAL SUNSHADE
M	ALUM/GLASS	10' - 0"	8' - 0"	1' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
O	ALUM/GLASS	12' - 0"	3' - 0"	5' - 0"					
P	ALUM/GLASS	8' -6"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
Q	ALUM/GLASS	4' - 6"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
R	ALUM/GLASS	12' - 0"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
T	ALUM/GLASS	4' - 0"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
V	ALUM/GLASS	3' - 0"	5' - 6"	2' - 6"					
W	ALUM/GLASS	4' - 0"	8' - 0"	2' -10"					STOREFRONT UNIT WITH TRANSOM BAR
X	ALUM/GLASS	3' - 6"	7' - 2"	1' - 6"					

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Revisions

Interoffice Data

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Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023

Title

Window Types and Head, Jamb & Sill Details

Sheet

A-3.01B

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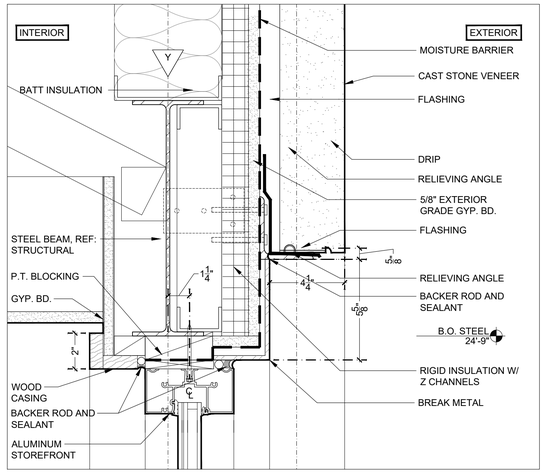
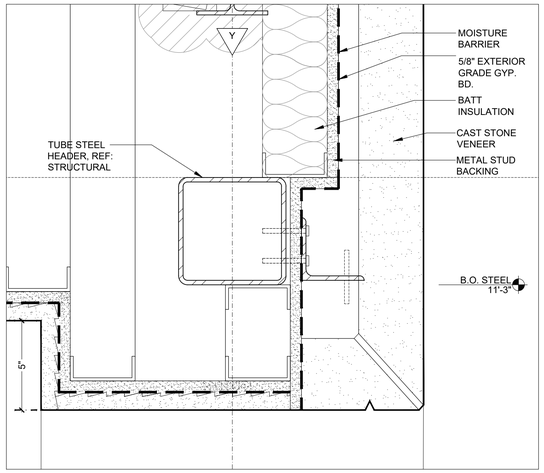


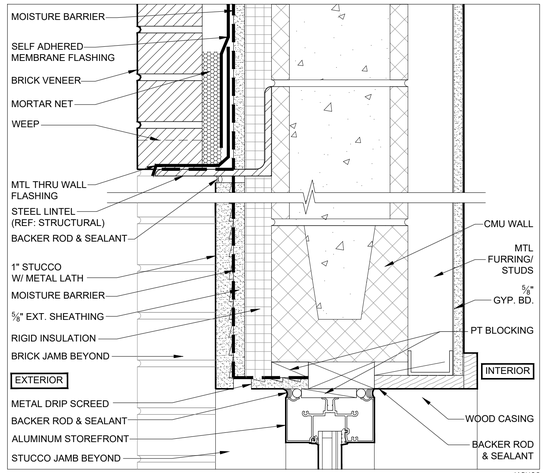
12 Head Detail (Cast Stone Veneer)

A-3.02 · SCALE: 3" = 1'-0"



9 Head Detail (Cast Stone Veneer)

A-3.02 @ Entry Lobby SCALE: 3" = 1'-0"



6 Head Detail (Stucco)

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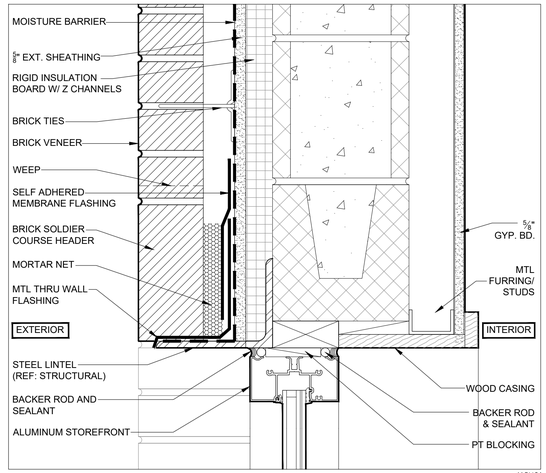

3 Head Detail (Brick Veneer)

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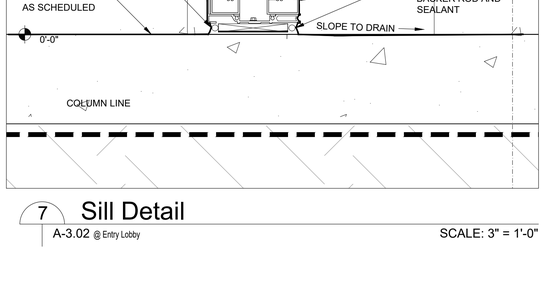
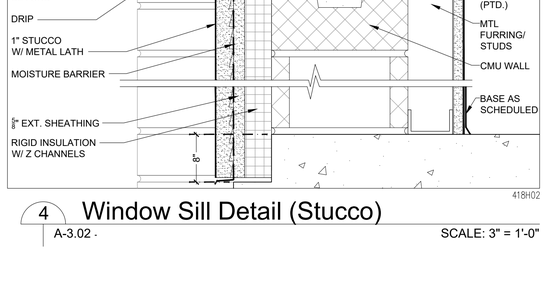


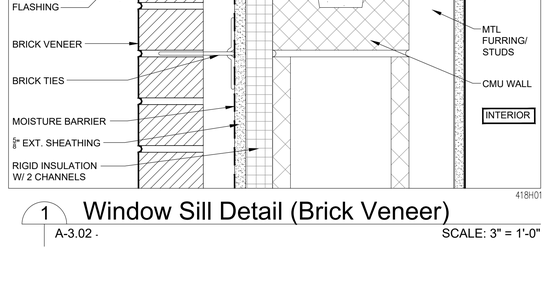
8 Jamb Detail (Cast Stone Veneer)

A-3.02 · SCALE: 3" = 1'-0"



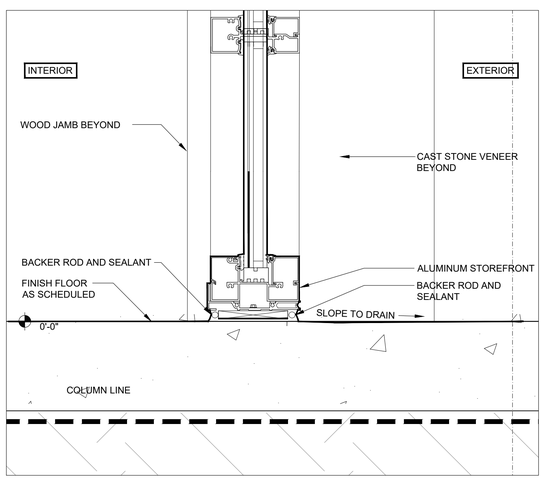
5 Jamb Detail (Stucco)

A-3.02 · SCALE: 3" = 1'-0"



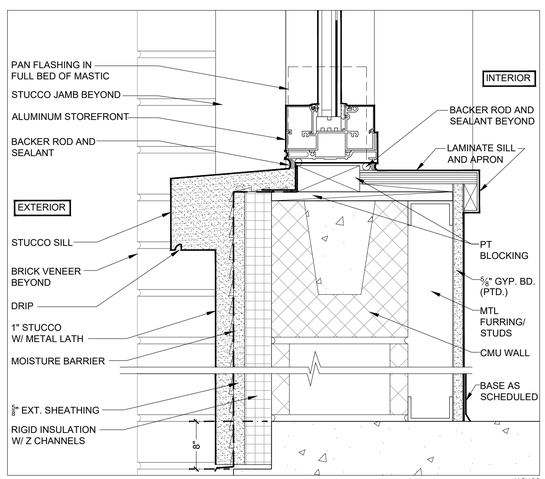
2 Jamb Detail (Brick Veneer)

A-3.02 · SCALE: 3" = 1'-0"



7 Sill Detail

A-3.02 @ Entry Lobby SCALE: 3" = 1'-0"



4 Window Sill Detail (Stucco)

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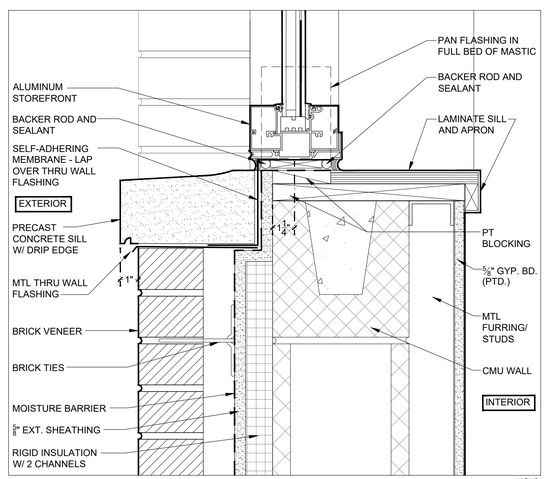

1 Window Sill Detail (Brick Veneer)

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

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Project Number	CN 09418
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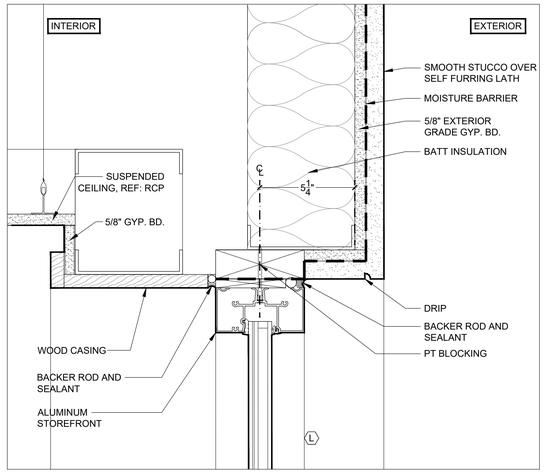
Title

Door/Window Details

Sheet

A-3.02



12 Head Detail (Stucco)
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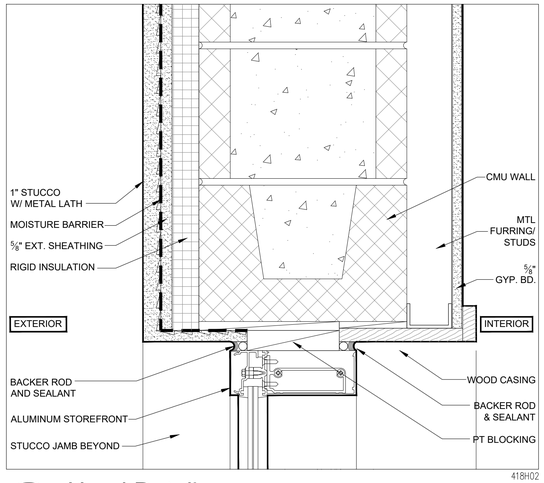

9 Head Detail
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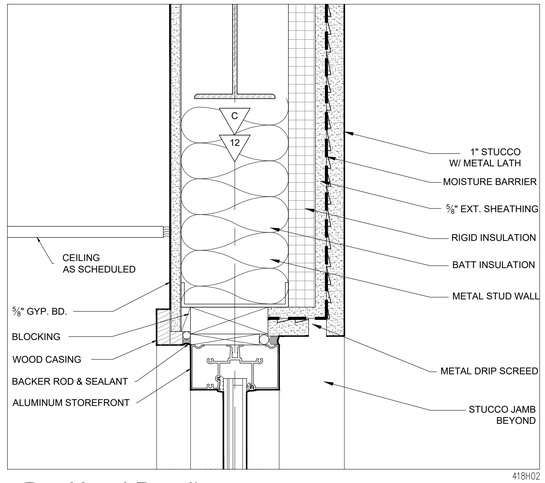

6 Head Detail
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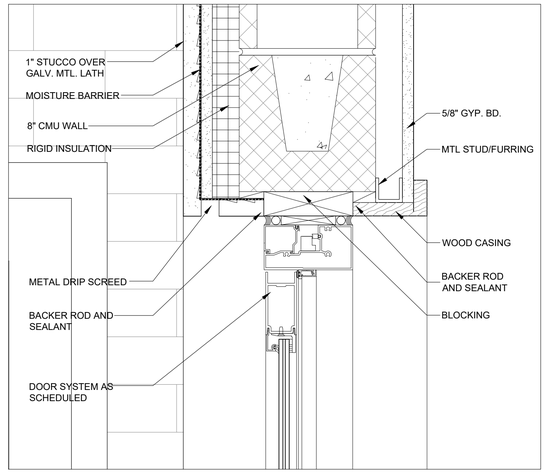
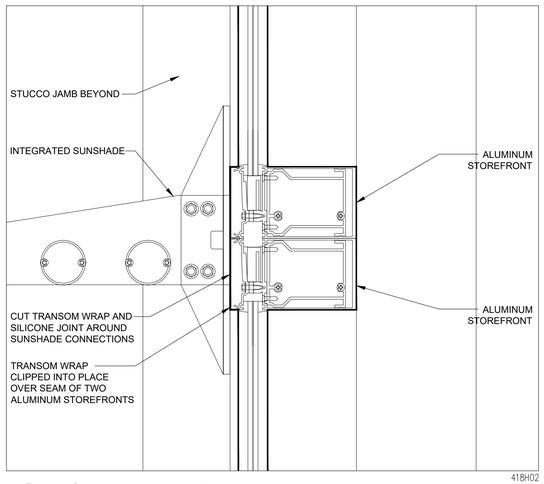


3 Storefront Door Head Detail
A-3.03 @ CMU Wall SCALE: 3" = 1'-0"



8 Sunshade Detail
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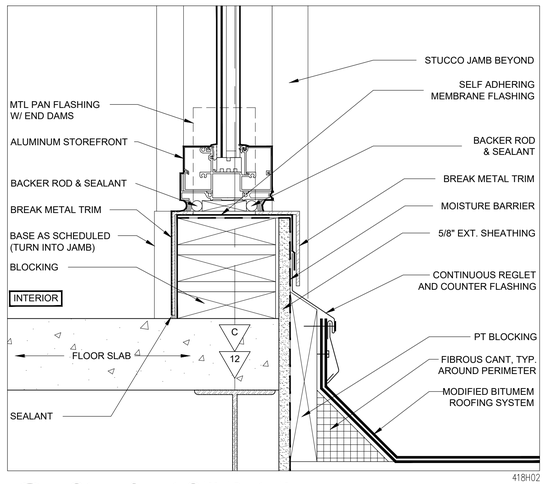

5 Storefront Sill Detail
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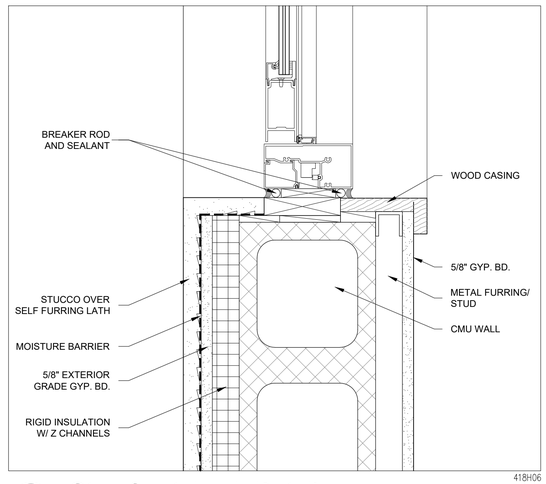

2 Storefront Jamb Detail
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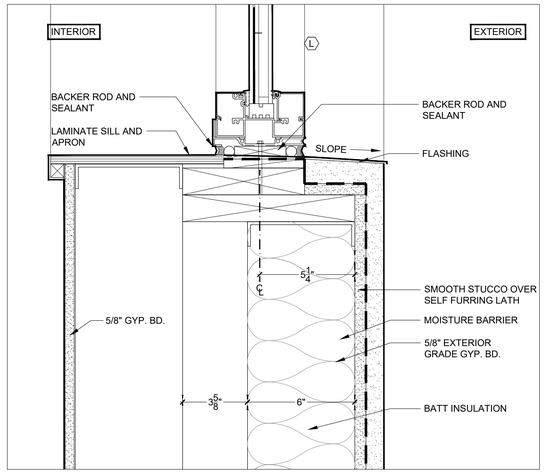

10 Sill Detail (Stucco)
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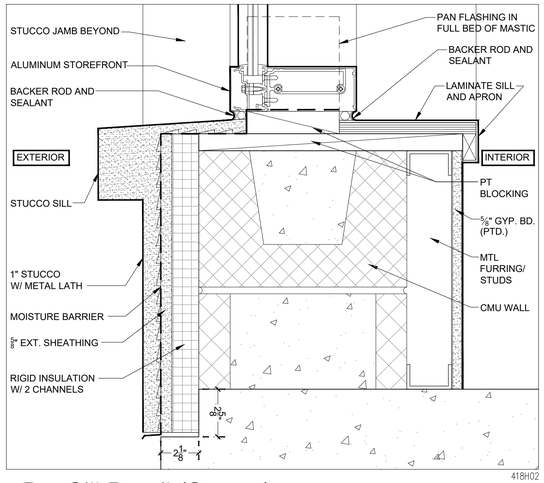

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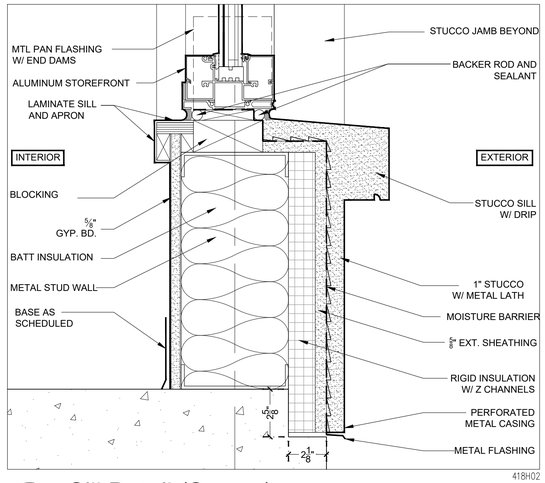

4 Sill Detail (Stucco)
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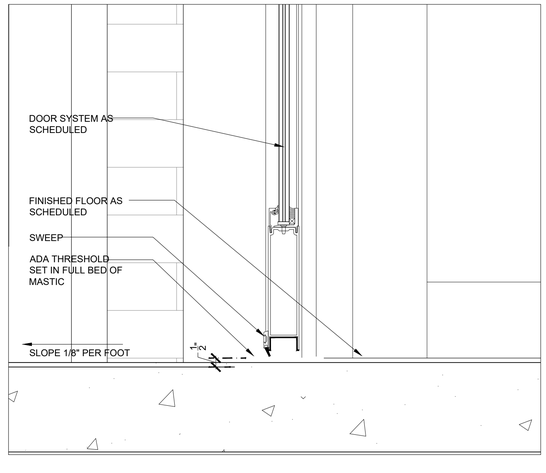

1 Door Sill Detail
A-3.03 · SCALE: 3" = 1'-0"

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Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date

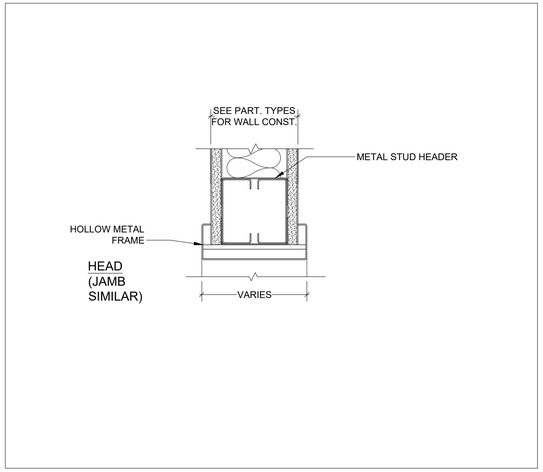
07/12/2023

Title

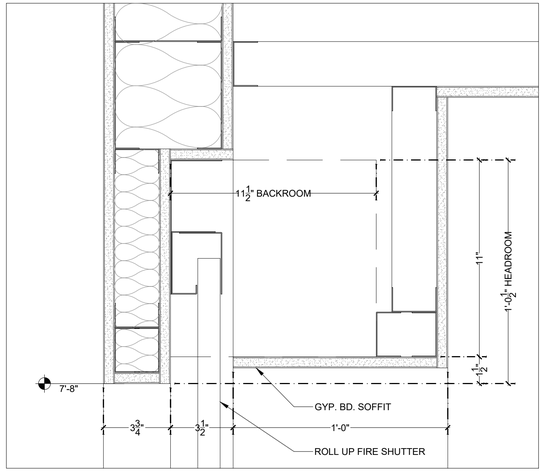
Door/Window Details

Sheet

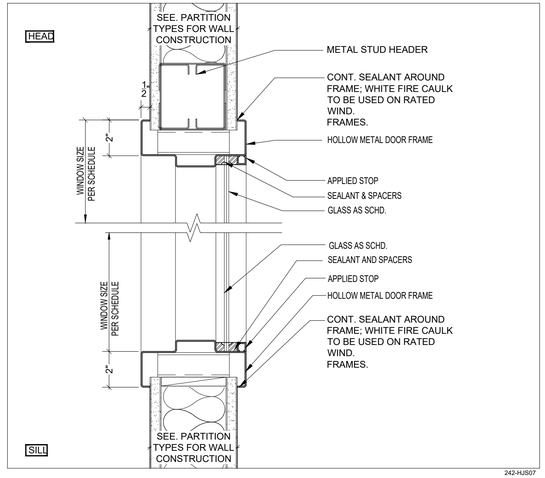
A-3.03



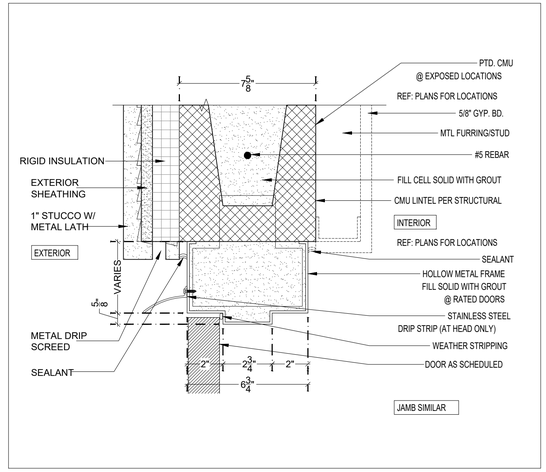
11 Cased Opening Head Detail @ Interior Wall
A-3.04 · SCALE: 3" = 1'-0"



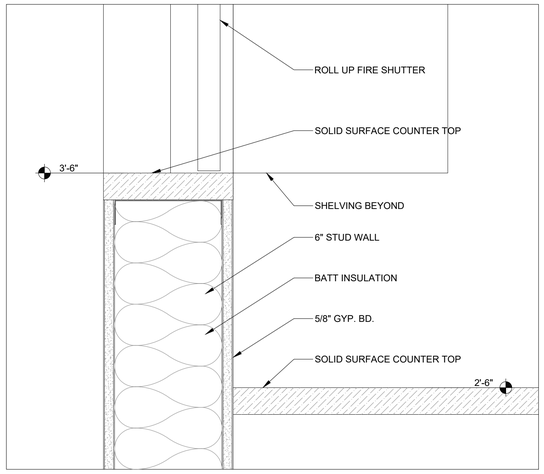
8 Rolling Counter Shutter Head
A-3.04 · SCALE: 3" = 1'-0"



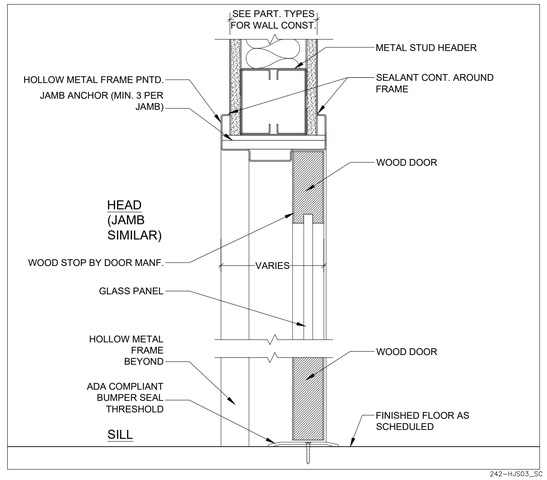
5 Detail @ Interior Storefront Head and Sill
A-3.04 45 MIN. RATED DOOR AS SCHEDULED SCALE: 3" = 1'-0"



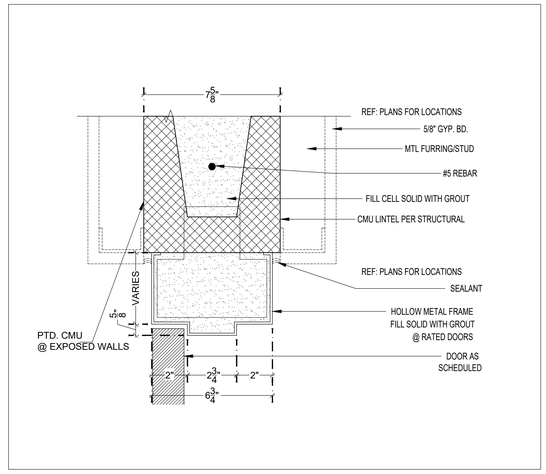
3 Exterior Head Detail @ CMU Block Wall
A-3.04 · SCALE: 3" = 1'-0"



7 Rolling Counter Shutter Jamb
A-3.04 · SCALE: 3" = 1'-0"



5 Interior Door Detail @ Head and Sill
A-3.04 45 MIN. RATED DOOR AS SCHEDULED SCALE: 3" = 1'-0"



2 Head Detail @ CMU Block Wall
A-3.04 · SCALE: 3" = 1'-0"

10 Not Used
A-3.04 · SCALE: 3" = 1'-0"

6 Rolling Counter Shutter Sill
A-3.04 · SCALE: 3" = 1'-0"

4 Interior Door Detail @ Head & Sill
A-3.04 · SCALE: 3" = 1'-0"

1 Jamb Detail @ CMU Block Wall
A-3.04 SCALE: 3" = 1'-0"

9 Not Used
A-3.04 · SCALE: 3" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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Owner
YWCA of New Orleans
601 South Norman C. Francis Parkway
600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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A-3.04

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Finish Schedule - First Floor

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	WAINSCOT	REMARKS
101	ENTRY VESTIBULE	BRUSHED CONC.	-	STUCCO	STUCCO	11' - 0"		
101	ENTRY LOBBY	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"		
102	RECEPTION	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"/9'-0"		
103	ELEVATOR	BRUSHED CONC.		CMU		24'-4"		ELEVATOR CAB FINISH FLOOR TO BE VCT OR VCT/WOOD
104	STAIR 1	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	24'-4"		
105	HALL	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
106	RESEARCH/CPU	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10-8"		
107	TRAINING/CLASSROOM 1	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
108	TRAINING/CLASSROOM 2	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
109	CORRIDOR	VCT	RUBBER COVE	PTD GYP BD	ACT	10'-0"		
110	KITCHEN	QUARRY TILE	QUARRY TILE	PTD CMU/FRP	PTD GYP BD	10'-0"		KITCHEN EQUIPMENT BY CONTRACTOR
111	PANTRY	QUARRY TILE	QUARRY TILE	FRP	PTD GYP BD	9'-0"		WIRE SHELVING BY CONTRACTOR
112	TRASH	BROOM FIN. CONC.	-	PTD MR GYP BD/ CONCRETE	STUCCO	11'-0"		SEE 4/A-4.04B & A-2.01C
113	STAIR 2	POLISHED CONC.	-	PTD CMU	PTD GYP BD	VARIES		
114	CORRIDOR	VCT	RUBBER COVE	PTD CMU/ PTD GYP BD	ACT/ PTD GYP BD	9'-0"/8'-6"		SEE 3/A-4.04B
115	I.T.	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
116	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
117	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	ACT	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
118	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	ACT	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
119	ELECTRICAL	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		
120	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
121	WOMEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
122	MEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
123	DIRECTOR'S OFFICE	VCT*	RUBBER COVE	PTD GYP BD	ACT/PTD GYP BD	9'-0"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
124	BATHROOM	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE/ PTD MR GYP BD	ACT	9'-0"		STOCK CABINETRY BY CONRACTOR / CERAMIC TILE WAINSCOT 5'-0" A.F.F. ON WALLS
125	WORK/LOUNGE	VCT	RUBBER COVE	PTD GYP BD	ACT	9'-0"		STOCK CABINETRY BY CONTRACTOR
126	CORRIDOR	VCT	RUBBER COVE	PTD GYP BD	ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
127	DAY CARE LOBBY	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
128	INFANTS	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
129	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
130	TODDLERS 1	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
131	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
132	UTILITY	CERAMIC TILE	RUBBER COVE	PTD MR GYP BD	PTD GYP BD	9'-0"		STOCK CABINETRY BY CONTRACTOR
133	RESTROOM 1	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	8'-0" /9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 5'-0" A.F.F. ON ALL WALLS
134	STORAGE	VCT	RUBBER COVE	PTD GYP BD	ACT	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
135	TODDLERS 2	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
136	PRESCHOOL 1	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
137	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
138	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING B CONTRACTOR
139	RESTROOM 2	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	8'-0"*10'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 5'-0" A.F.F. ON ALL WALLS
140	PRESCHOOL 2	VCT	RUBBER COVE	PTD GYP BD	ACT/ GYP BD	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ STAINED WOOD CHAIR RAIL
141	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
142	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
143	STORAGE	POLISHED CONCRETE	RUBBER COVE	PTD CMU	PTD GYP BD	VARIES		SEE A-4.04B
144	HWH	BROOM FIN. CON.		PTD CMU	STUCCO	11'-0"		

NOTES:
REFER TO SHEET A-0.06 FOR ALTERNATES
ALTERNATE #2- REPLACE LVT FOR VCT
ALTERNATE #2- REPLACE WOOD FOR CARPET TILE AT ROOM 205

Finish Schedule - Second Floor

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	WAINSCOT	REMARKS
201	LOBBY	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"/VARIES		
202	SMALL CONFERENCE	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-6"		
203	ELEVATOR	BRUSHED CONC.		PTD CMU		24'-4"		
204	STAIR 1	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	24'-4"		
205	BOARD ROOM	CARPET TILE*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-8"		* WOOD LAMINATE FLOOR ALTERNATE
206	CORRIDOR	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
207	COPY AREA	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-0"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
208	DIRECTOR	CARPET TILE	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
209	SMALL CONFERENCE	CARPET	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
210	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
211	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
212	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
213	STAIR 2	POLISHED CONC.	RUBBER COVE	PTD CMU	PTD GYP BD	VARIES		
214	FILE	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD	8'-6"		
215	LOUNGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-3"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
216	I.T.	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
217	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	PTD GYP BD	8'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" ON ALL WALLS
218	MEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
219	WOMEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
220	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
221	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
222	ELECTRICAL	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
223	WAITING	CARPET TILE	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-3"		
224	ELEVATOR EQUIPMENT	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
225	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
226	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
227	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
228	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
229	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-3"		
230	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-6"		
231	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-6"		
232	STORAGE	POLISHED CONC.	RUBBER COVE	PTD MR GYP BD	PTD MR GYP BD	9'-0"		
233	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

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Drawn By	BK
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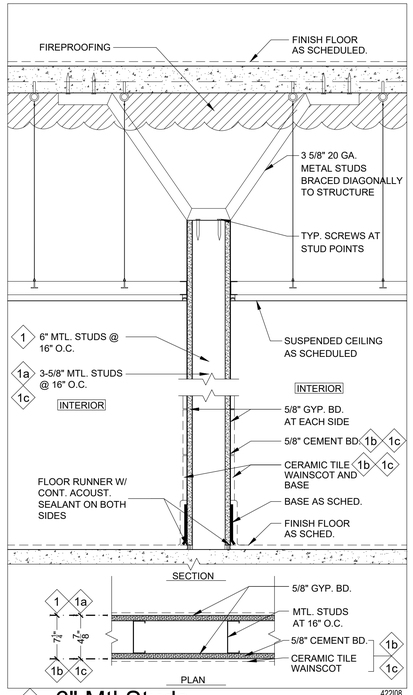
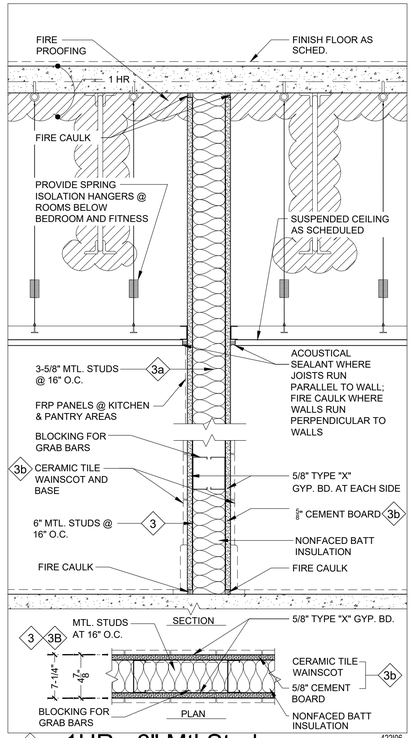
07/12/2023
(RE-ISSUE 11/12/2024)

Title
Finish Schedule

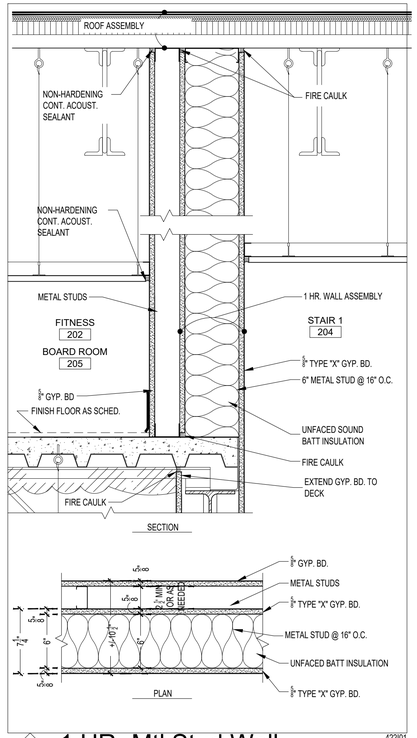
Sheet
A-3.10A



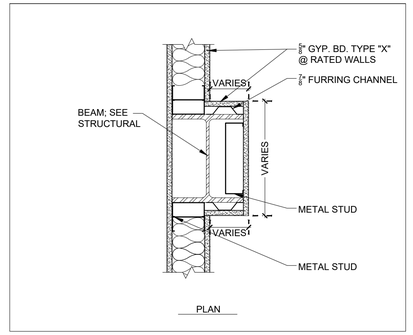
1 6" Mtl Studs
1a 3 5/8" Mtl Studs
1b 6" Mtl Studs w/ Wainscot
1c 3 5/8" Mtl Studs w/ Wainscot
INTERIOR SCALE: 1-1/2" = 1'-0"



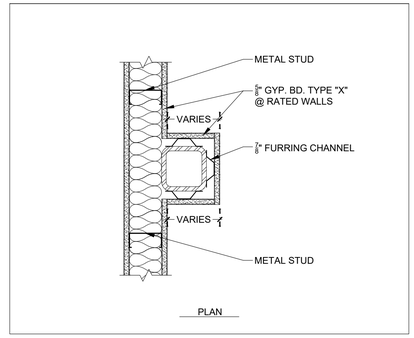
3 1HR - 6" Mtl Stud UL # 465
3a 1HR - 3 5/8" Mtl Stud UL # 465
3b 1HR - 6" Mtl Stud w/ Wainscot
INTERIOR SCALE: 1-1/2" = 1'-0"



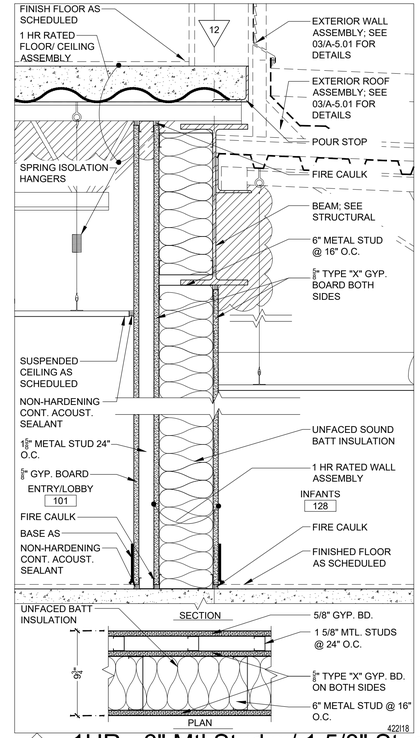
6 1 HR- Mtl Stud Wall
INTERIOR SCALE: 1-1/2" = 1'-0"



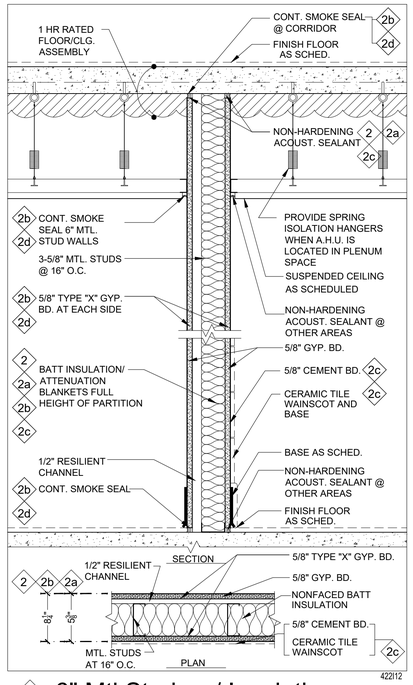
1 Detail @ Wide Flange Column
- A-3.11 SCALE:1 1/2" = 1'-0"



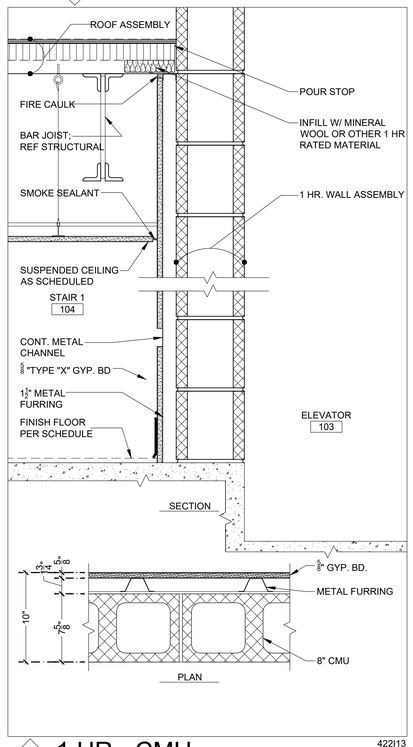
2 Detail @ Tube Steel
- A-3.11 SCALE:1 1/2" = 1'-0"



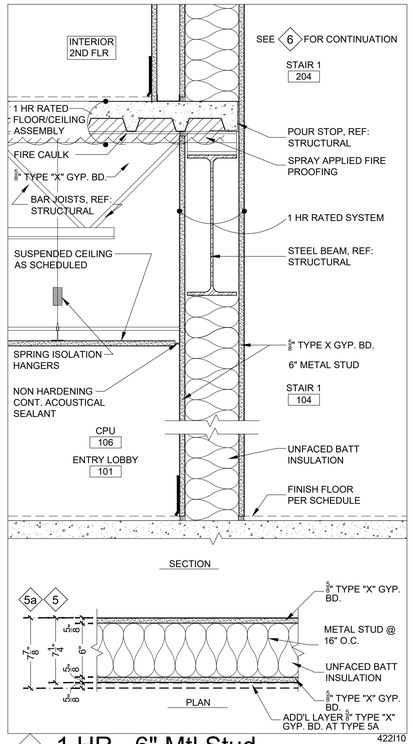
9 1HR - 6" Mtl Stud w/ 1 5/8" Stud
INTERIOR UL #U465 STC 50
SCALE: 1-1/2" = 1'-0"



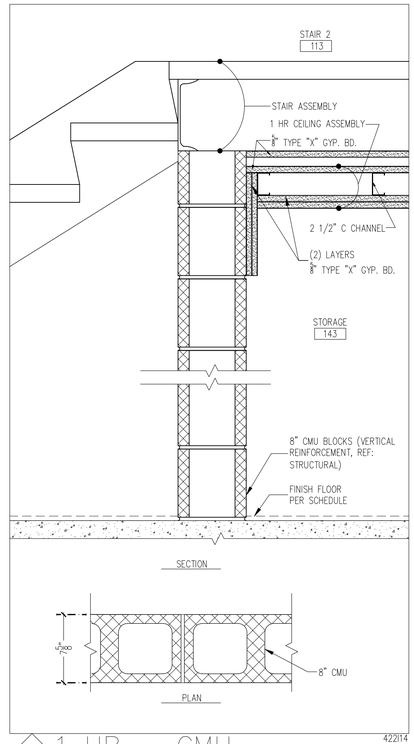
2 6" Mtl Studs w/ Insulation STC 47
2a 3 5/8" Mtl Studs w/ Insulation
2b 6" mtl Stud w/ Insulation (Smoke)
2c 6" mtl Stud w/ Wainscot STC 47
2d 6" mtl Stud non-insulated (Smoke)
INTERIOR



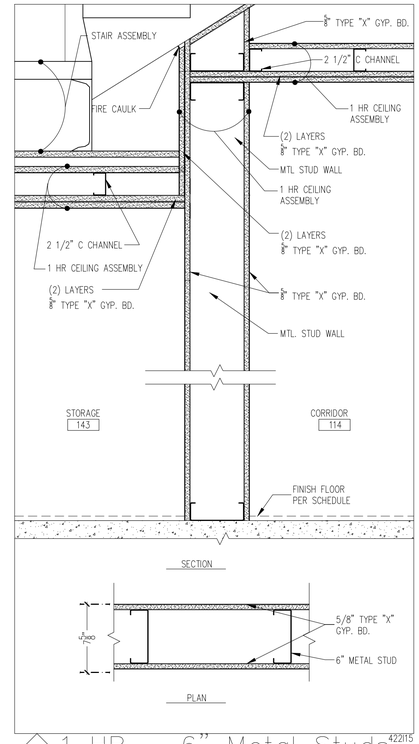
4 1 HR - CMU
INTERIOR SCALE: 1-1/2" = 1'-0"



5 1 HR - 6" Mtl Stud
5a 1 HR - 6" Mtl Stud
INTERIOR SCALE: 1-1/2" = 1



7 1 HR – CMU
INTERIOR SCALE: 1-1/2" = 1'-0"



8 1 HR – 6" Metal Studs
INTERIOR UL# U465
SCALE: 1-1/2" = 1'-0"

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

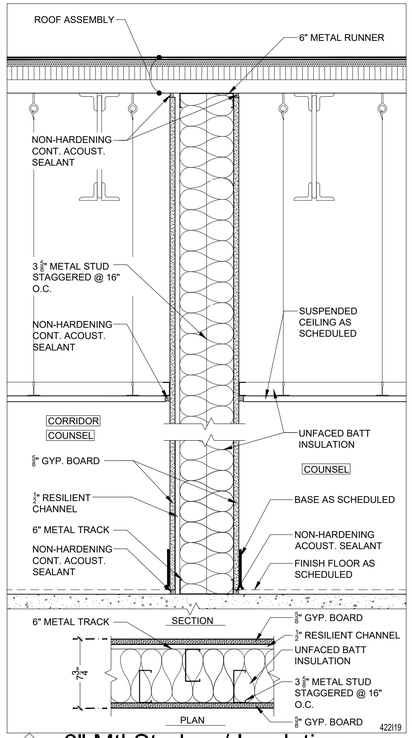
Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

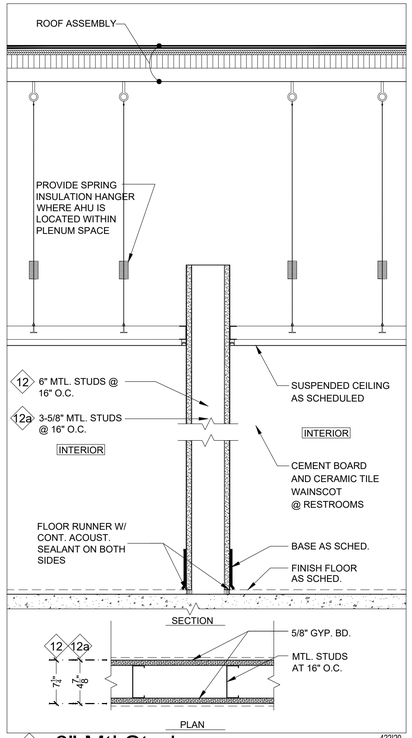
Issue Date
07/12/2023

Title
Partition Types

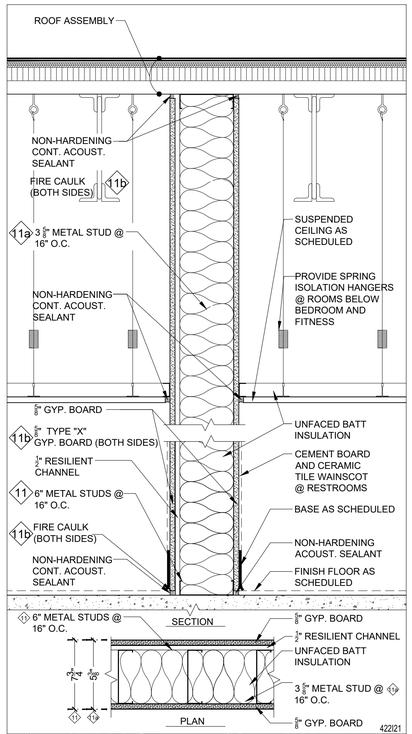
Sheet
A-3.11



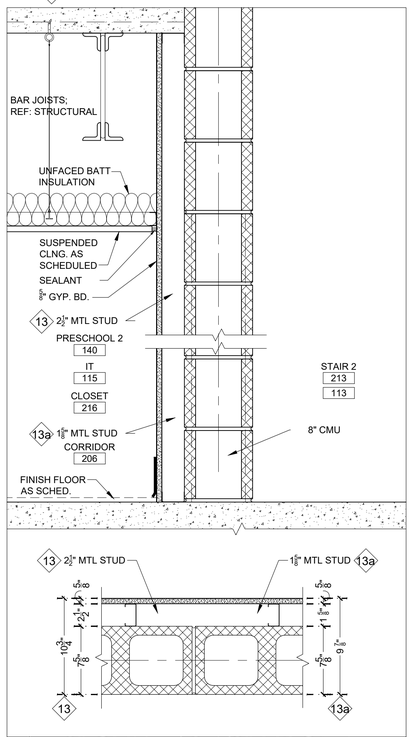
10 6" Mtl Studs w/ Insulation
INTERIOR
STC 50
SCALE: 1-1/2" = 1'-0"



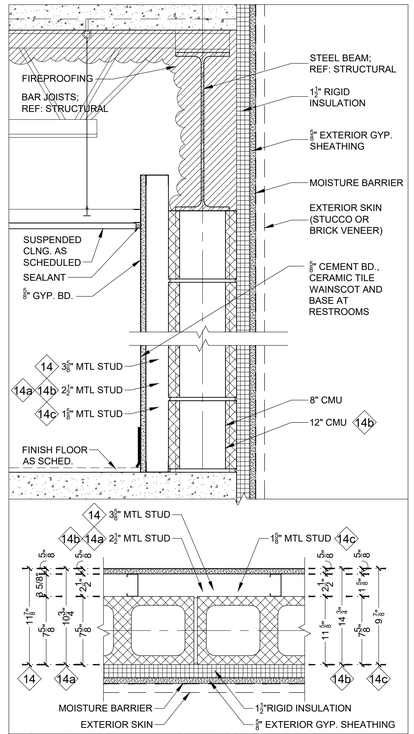
12 6" Mtl Studs
12a 3 5/8" Mtl Studs
INTERIOR
SCALE: 1-1/2" = 1'-0"



11 6" Mtl Studs w/ Insulation
11a 3 5/8" Mtl Studs w/ Insulation
11b 1 -HR 6" Mtl Studs w/ Insulation
INTERIOR
UL # U465
SCALE: 1-1/2" = 1'-0"



13 8" CMU w/ 2 1/2" Mtl Studs
13a 8" CMU w/ 1 5/8" Mtl Studs
INTERIOR
SCALE: 1-1/2" = 1'-0"



14 8" CMU w/ 3 5/8" Mtl Studs
14a 8" CMU w/ 2 1/2" Mtl Studs
14b 12" CMU w/ 2 1/2" Mtl Studs
14c 8" CMU w/ 1 5/8" Mtl Studs
EXTERIOR
SCALE: 1-1/2" = 1'-0"

PARTITION NOTES

1. MOISTURE RESISTANCE GYP TO BE USED IN ALL WET CONDITIONS. (BATHROOMS, UTILITY ROOMS, UTILITY CLOSETS, ETC.)
2. CAULK FULL PERIMETER OF ALL HOUR RATED PARTITIONS (FLOOR, CEILING, ADJACENT WALLS, COLUMNS, ETC.). USE FIRE CAULK OR ACOUSTICAL SEALANT WHEN SEAM IS LEFT EXPOSED.
3. REFER TO FLOOR PLANS FOR PARTITION AND RATED WALL LOCATIONS.
4. STUD GAUGE HEIGHT LIMITATIONS FOR NON-LOADBEARING PARTITIONS:

25GA 2-1/2" @ 1'-4" O.C.	-	12'-0"
22GA 2-1/2" @ 1'-4" O.C.	-	12'-6"
3-5/8" @ 1'-4" O.C.	-	15'-0"
6" @ 1'-4" O.C.	-	18'-0"
20GA 2-1/2" @ 1'-4" O.C.	-	13'-6"
3-5/8" @ 1'-4" O.C.	-	16'-6"
6" @ 1'-4" O.C.	-	20'-6"

5. SEE PROJECT SPECIFICATIONS FOR COMPLETE MATERIALS AND INSTALLATIONS.
6. PROVIDE FIRE DAMPERS IN DUCTS AT RATED PARTITIONS AS REQUIRED BY CODE.
7. PROVIDE ACOUSTICAL SEALANT AT ALL STC RATED WALLS. TWO BEADS @ ALL PERIMIETERS @ STUDS & SURFACE APPLIED AT EDGES OF ALL GYPSUM BOARD, RECESSED ITEMS AND PENETRATIONS.
8. REFER TO STRUCTURAL DRAWINGS FOR ALL LOAD BEARING WALL & SHEAR WALL LOCATIONS. PARTITION TYPES ILLUSTRATE ONLY FIRE RATED & FINISH ASSEMBLIES.
9. PENETRATIONS THROUGH ALL RATED CONSTRUCTION INCLUDING ELEVATOR CONTROLS ON SHAFT WALLS, ELECTRICAL OUTLETS, LIGHT SWITCHES, ETC. SHALL BE SEALED WITH FIRESTOP SYSTEMS OR DEVICES IN ACCORDANCE WITH ASTM E-814/UL 1479 OR ASSEMBLIES IN ACCORDANCE WITH NFPA 251.

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

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TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 850 Tchoupitoulas St. | New Orleans, Louisiana 70130 | T (504) 523 2772 | www.trapolinpeer.com

Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
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A-3.12

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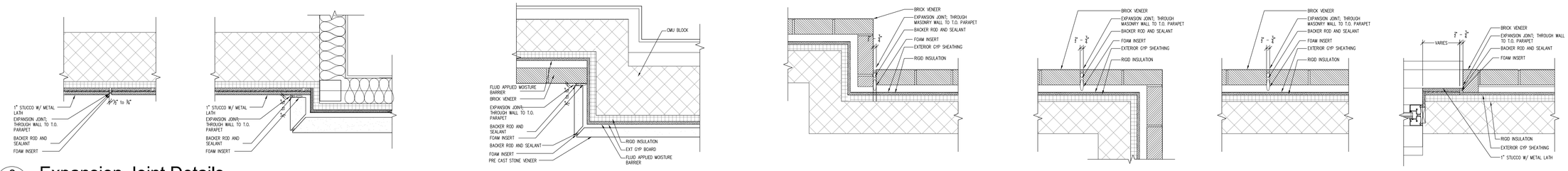
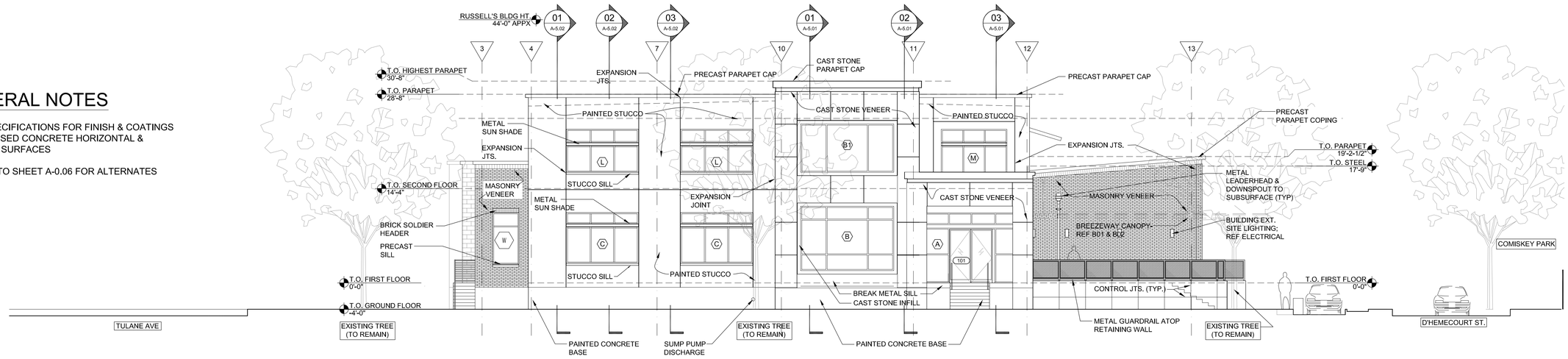


3 Expansion Joint Details

A-4.01A

SCALE: 1" = 1'-0"



1 Front Elevation

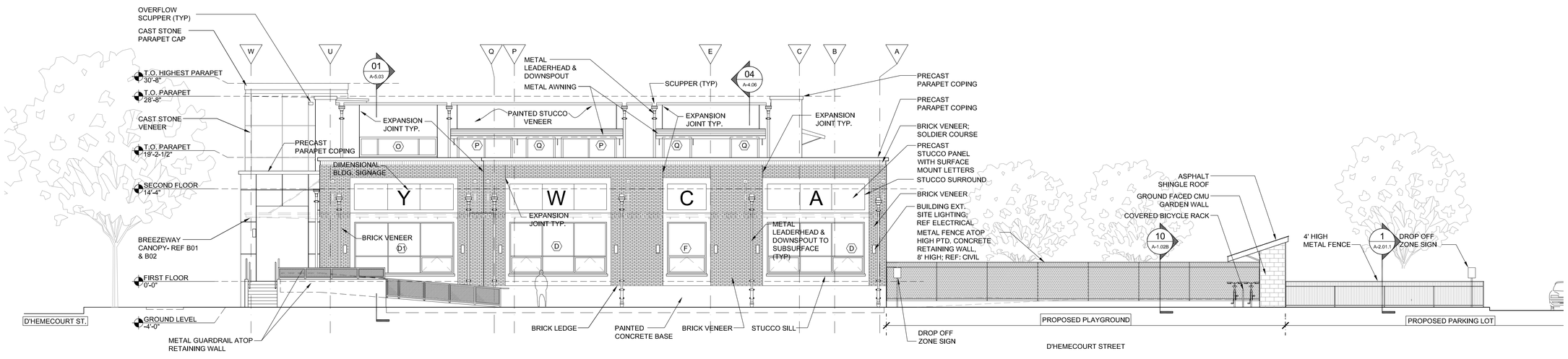
A-4.01A FACING JEFFERSON DAVIS AND PARTIAL CORNER OF TULANE AVE.

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES

2. REFER TO SHEET A-0.06 FOR ALTERNATES



2 Side Elevation

A-4.01A FACING D'HEMECOURT

SCALE: 1/8" = 1'-0"

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YWCA Greater New Orleans

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Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

Exterior Elevations

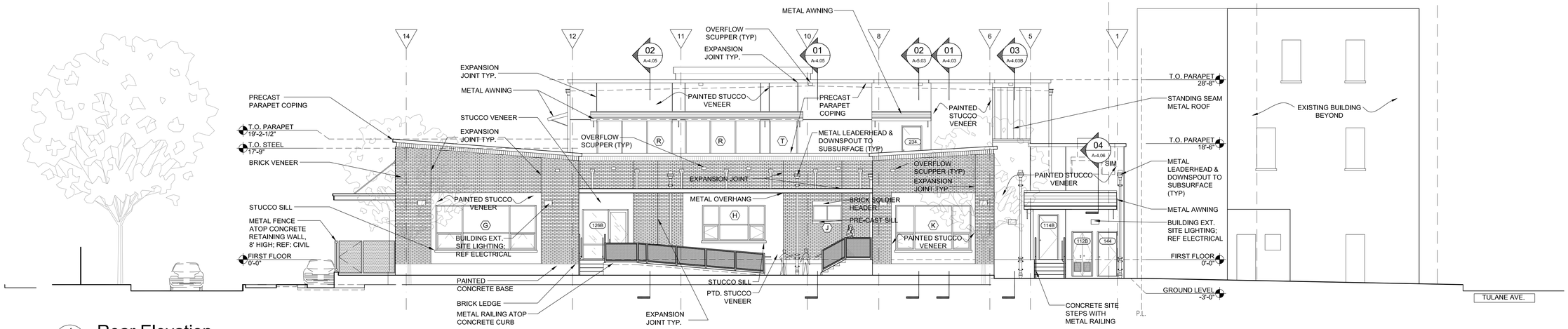
Sheet

A-4.01

GENERAL NOTES

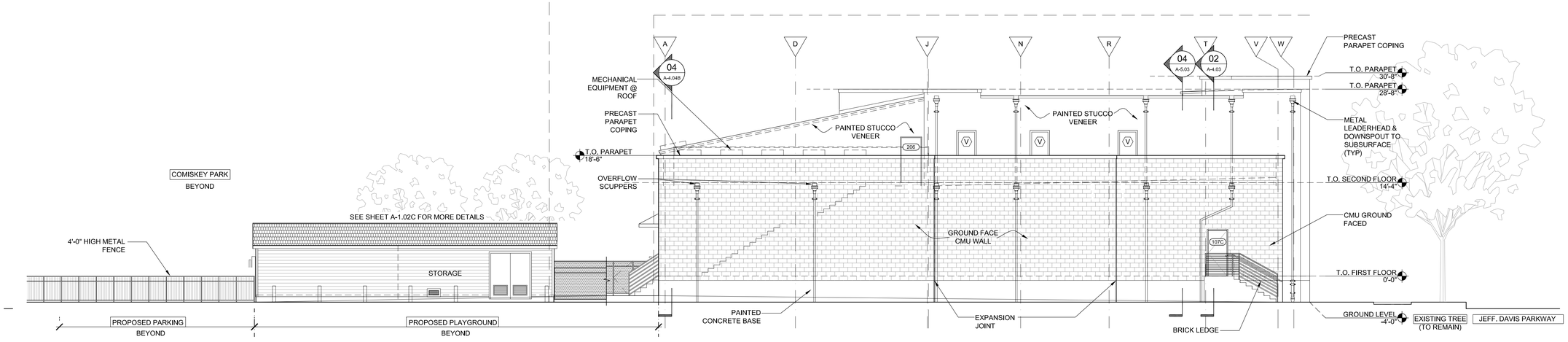
1. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES

2. REFER TO SHEET A0.06 FOR ALTERNATES



1 **Rear Elevation**
A-4.01B FACING SOUTH CLARK STREET & PLAYGROUND

SCALE: 1/8" = 1'-0"



2 **Side Elevation**
A-4.01B FACING TULANE AVE.

SCALE: 1/8" = 1'-0"

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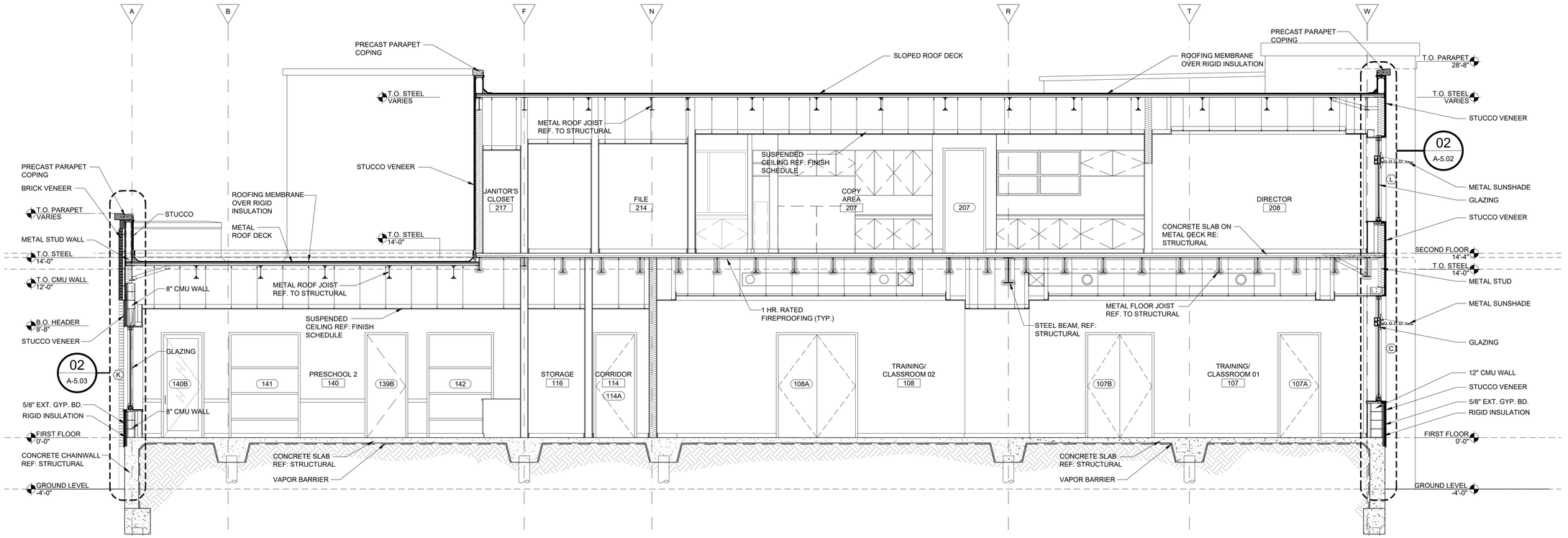
(RE-ISSUE 06/17/2025)

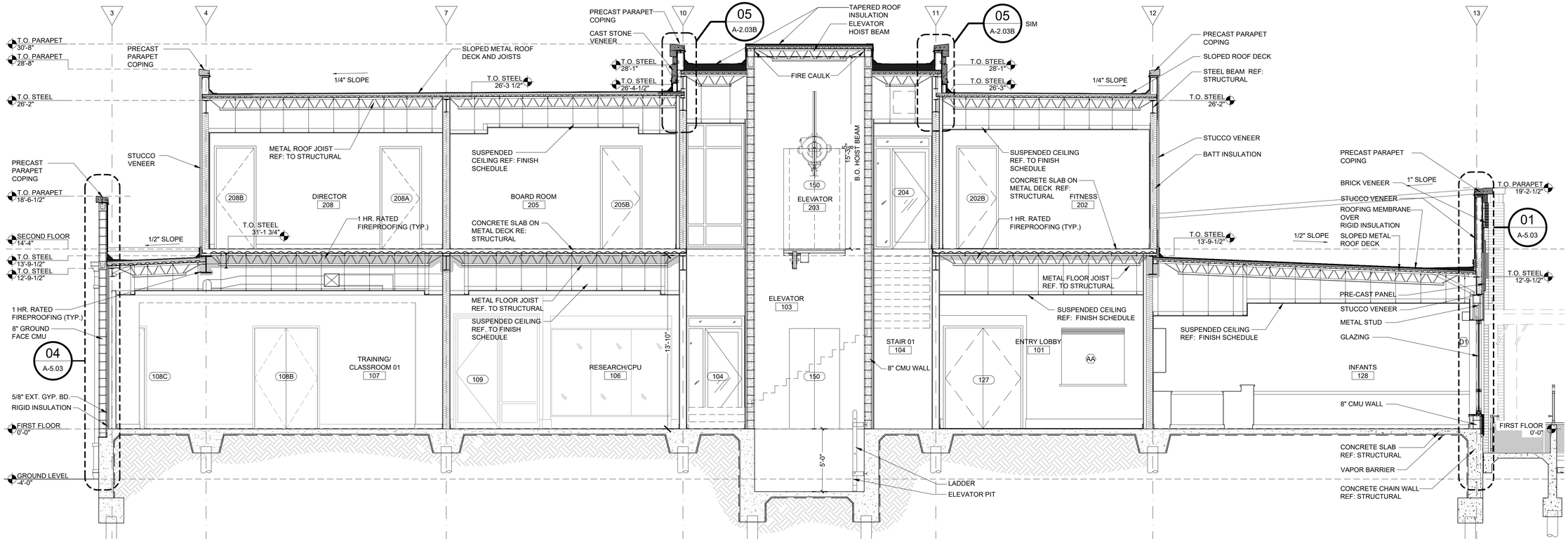
Title
Exterior Elevations

Sheet
A-4.02



1 Building Section
A-4.03

SCALE: 1/4" = 1'-0"



2 Building Section
A-4.03

SCALE: 1/4" = 1'-0"

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Checked By	PMP

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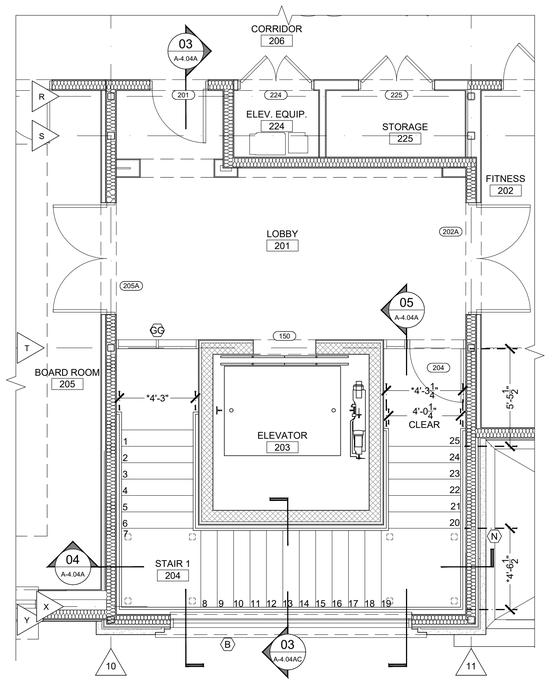
07/12/2023

Title

Building Sections

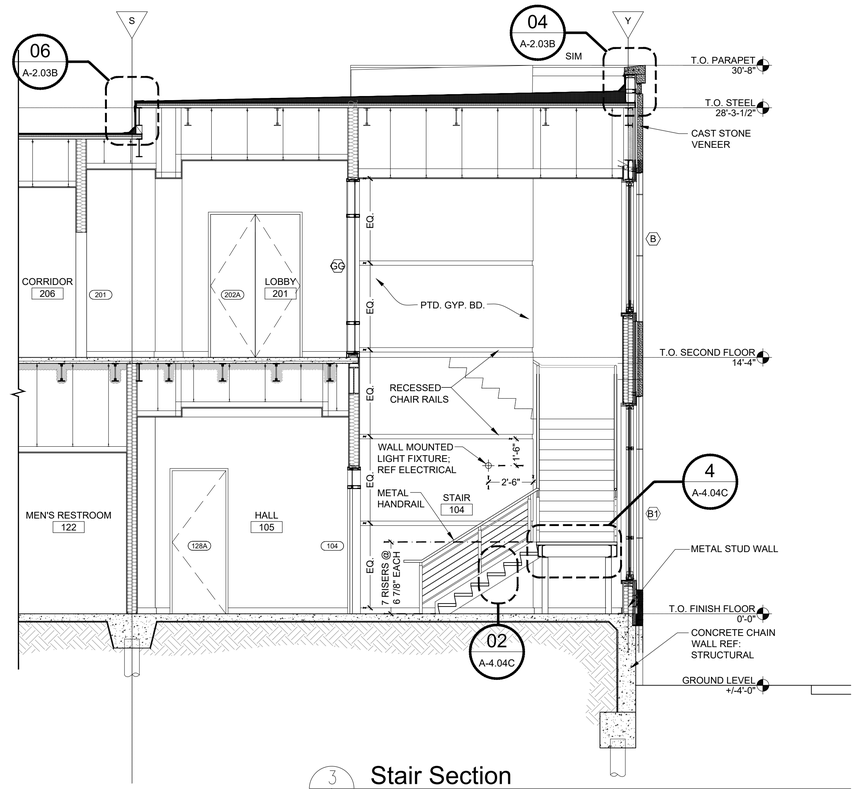
Sheet

A-4.03



2 Second Floor Plan

A-2.02A | A-4.04A STAIR 1 SCALE: 1/4" = 1'-0"

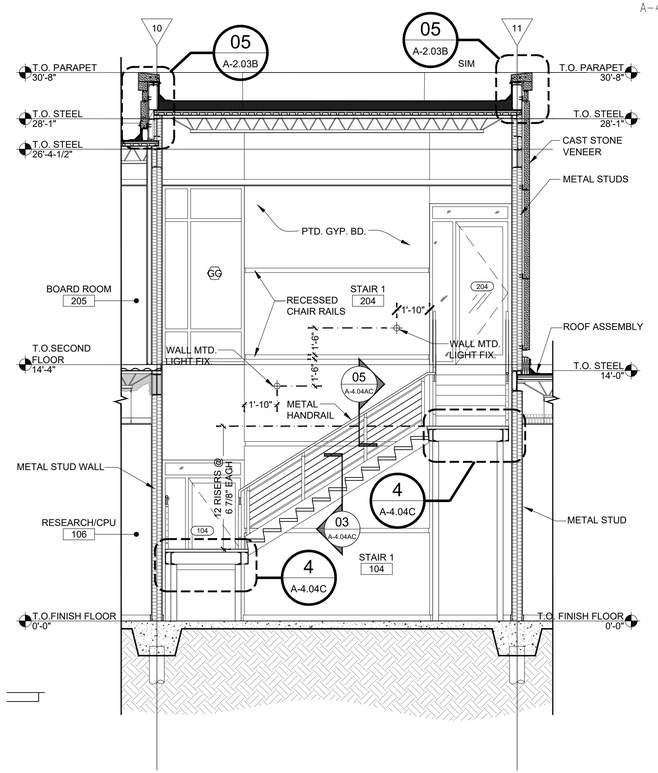


3 Stair Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"

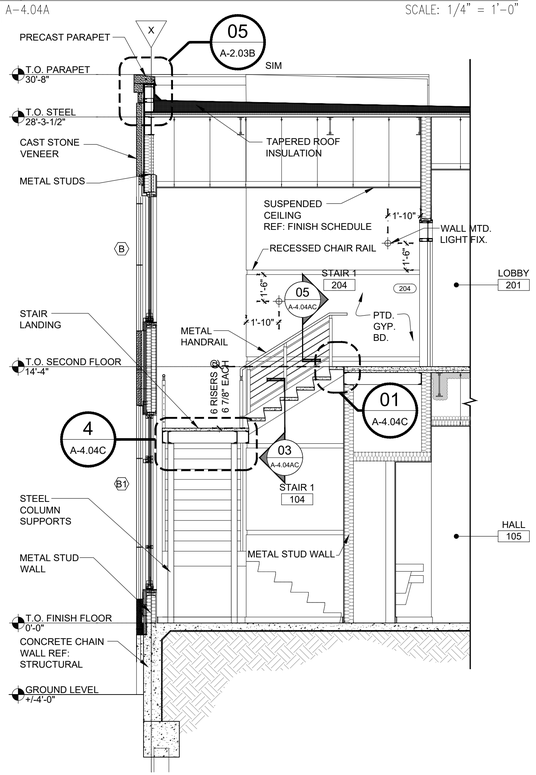
1 First Floor Plan

A-2.01A | A-4.04A STAIR 1 SCALE: 1/4" = 1'-0"



4 Building Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"



5 Building Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

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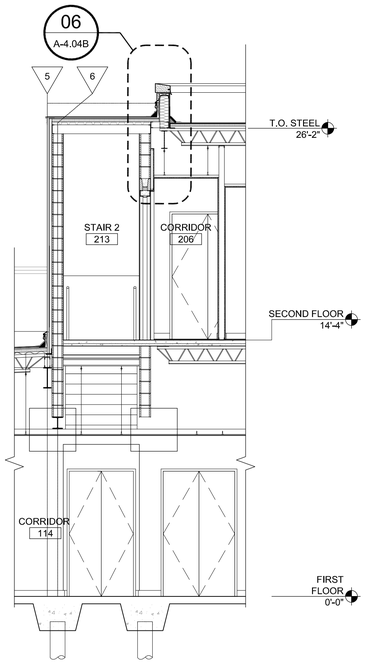
Title

Vertical Circulation-
Enlarged Plan & Sections

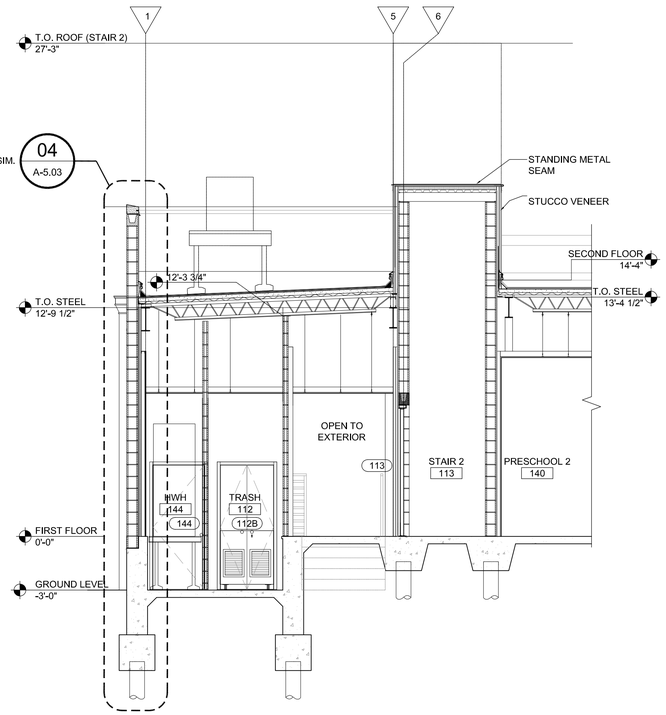
Sheet

A-4.04A



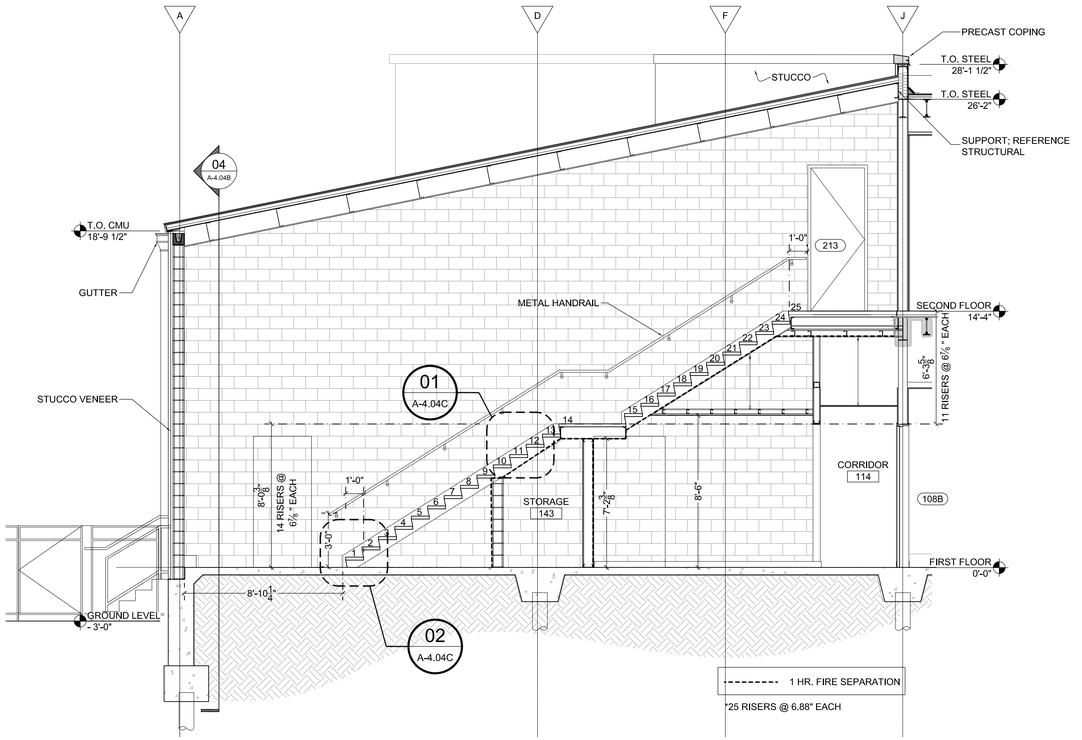
5 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



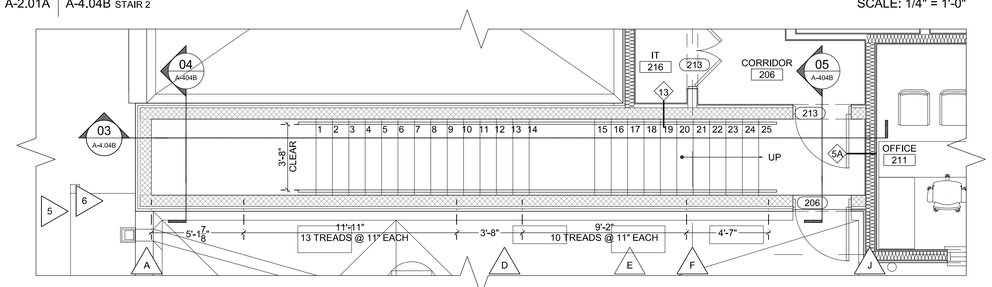
4 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



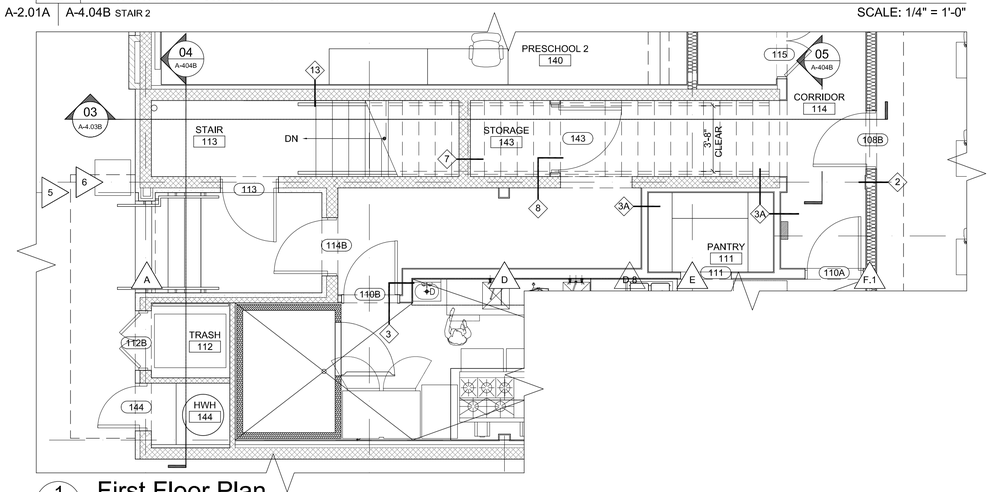
3 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



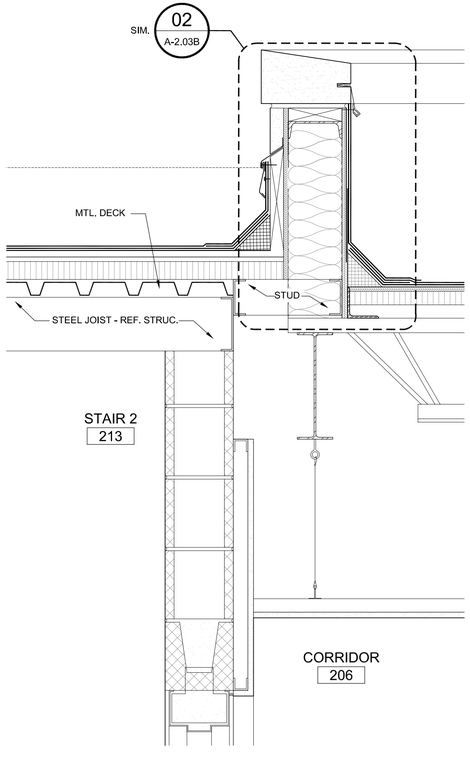
2 Second Floor Plan

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



1 First Floor Plan

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



6 Detail Section

A-4.04B | A-4.04B STAIR 2 SCALE: 1-1/2" = 1'-0"

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

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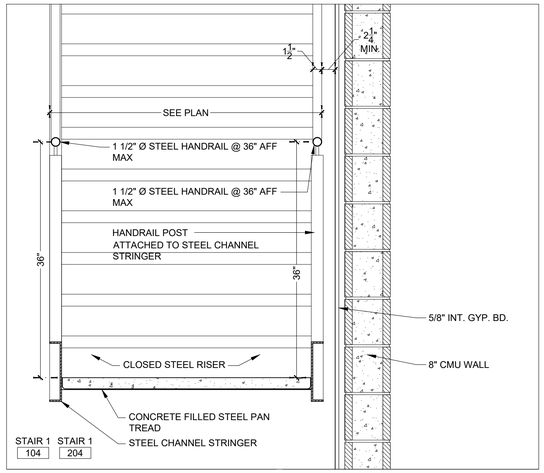
Vertical Circulation-
Enlarged Plan & Sections

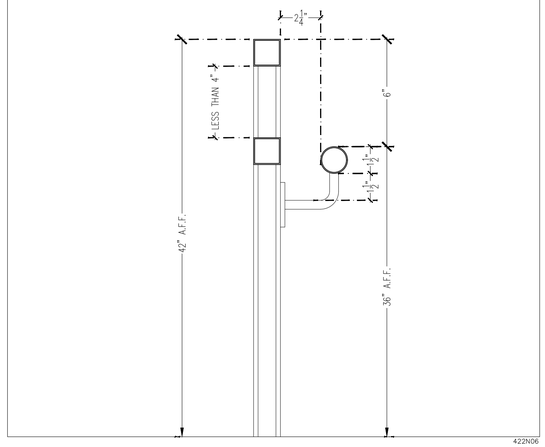
Sheet

A-4.04B



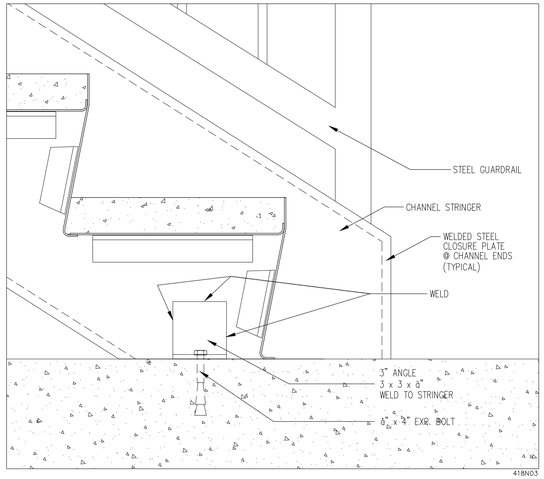
3 - A-4.04C **Detail - Typical Stair**

SCALE: 1" = 1'-0"



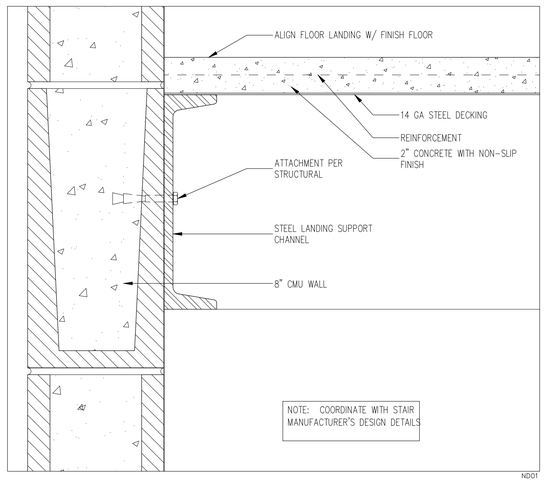
5 - A-4.04C **Detail - Stair Handrail**

SCALE: 3" = 1'-0"



2 - A-4.04C **Detail - Landing**

SCALE: 3" = 1'-0"



4 - A-4.04C **Detail - Stair Landing**

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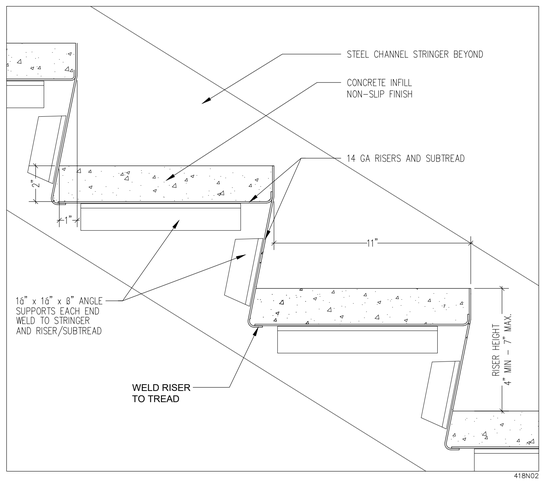

1 - A-4.04C **Detail - Treads/Risers**

SCALE: 3" = 1'-0"

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Vertical Circulation-Details

Sheet

A-4.04C

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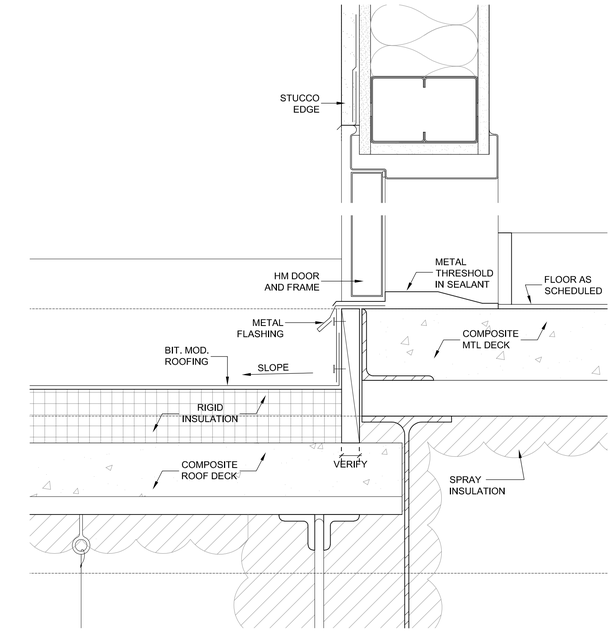
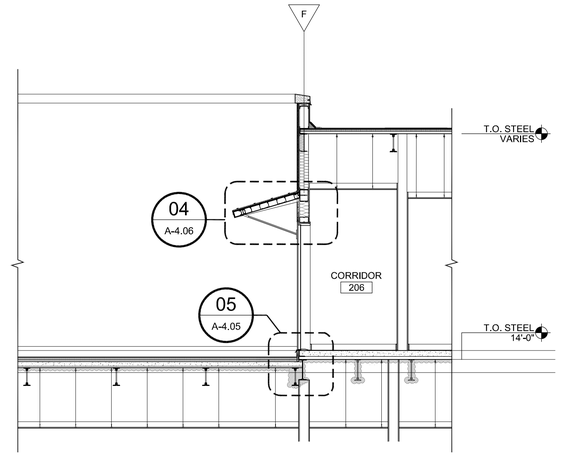


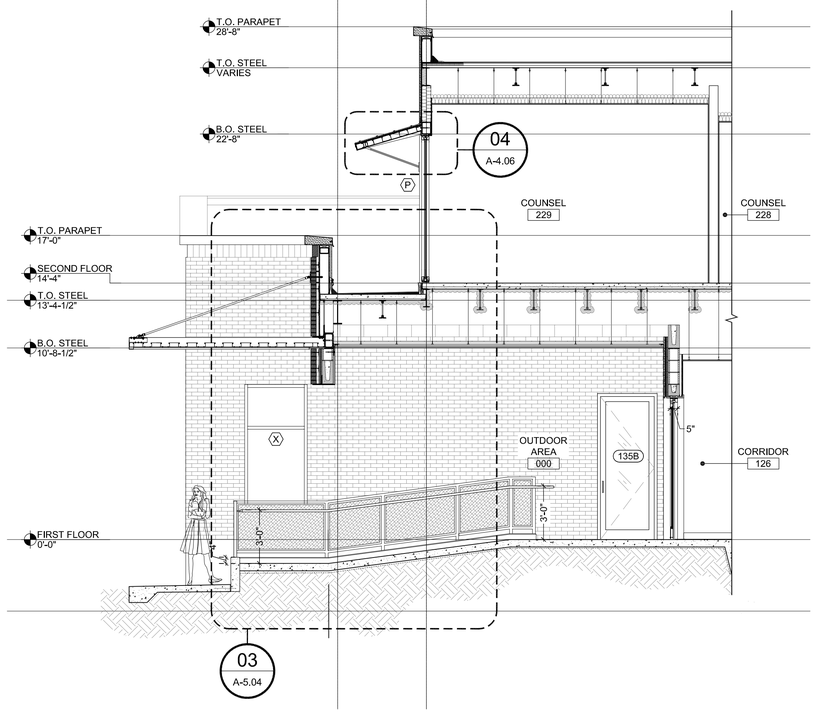
05 Threshold at Door

A-4.05 | A-4.05 SCALE: 1/4" = 1'-0"



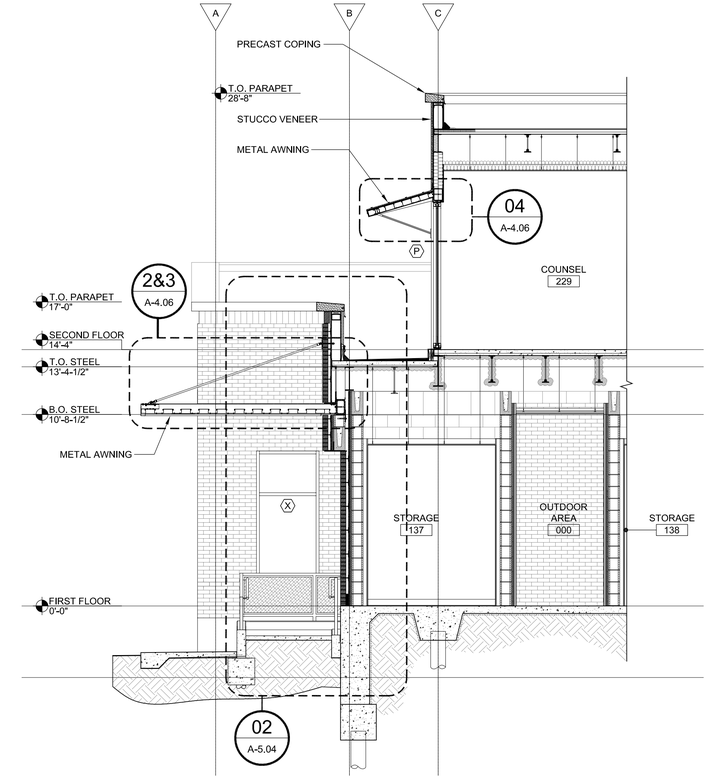
04 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



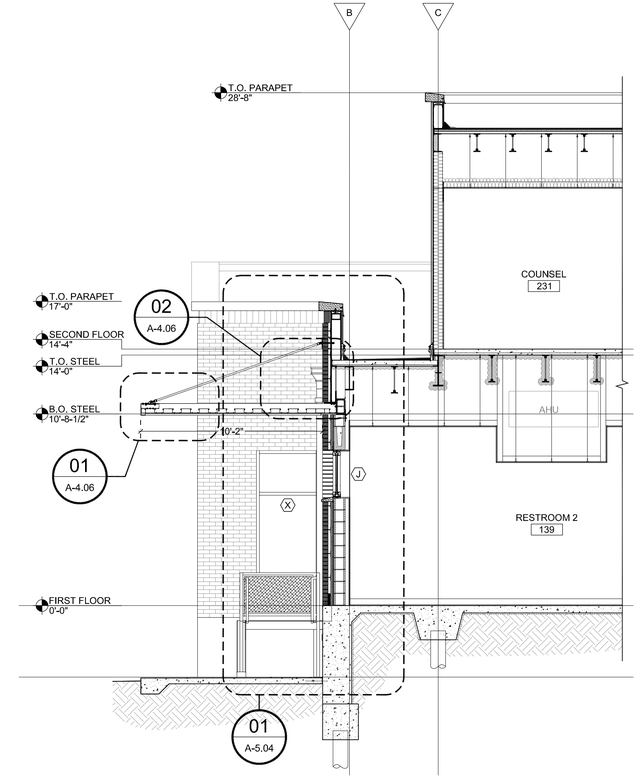
03 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



02 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



01 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas St. | New Orleans, Louisiana 70130 | T (504) 523 2772 | www.trapolinpeer.com

Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date

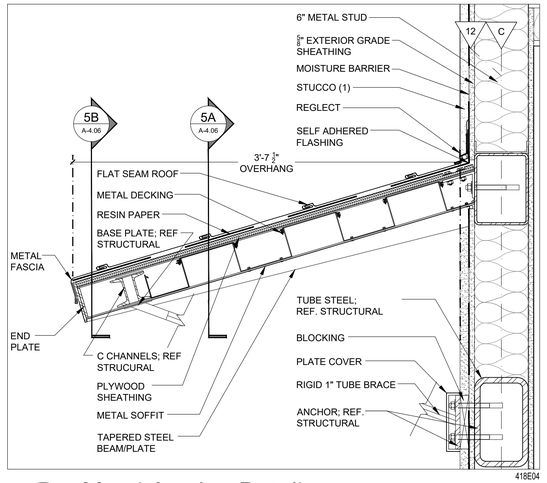
07/12/2023
(RE-ISSUE 06/17/2025)

Title

Partial Building Section

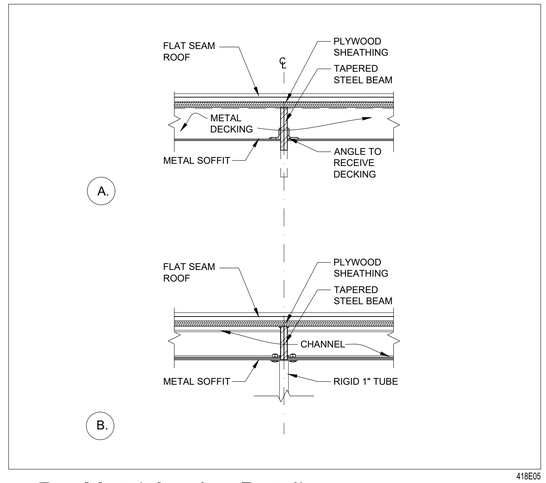
Sheet

A-4.05



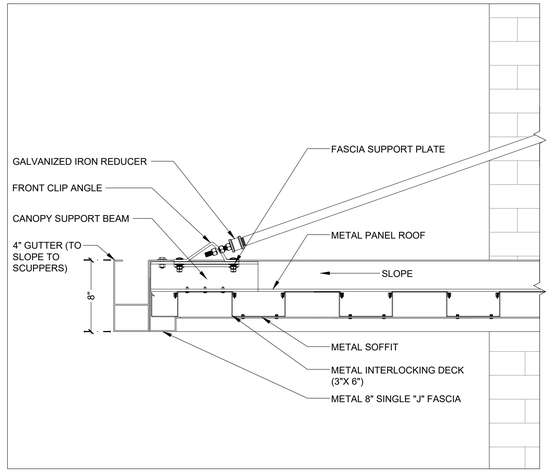
04 Metal Awning Detail

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



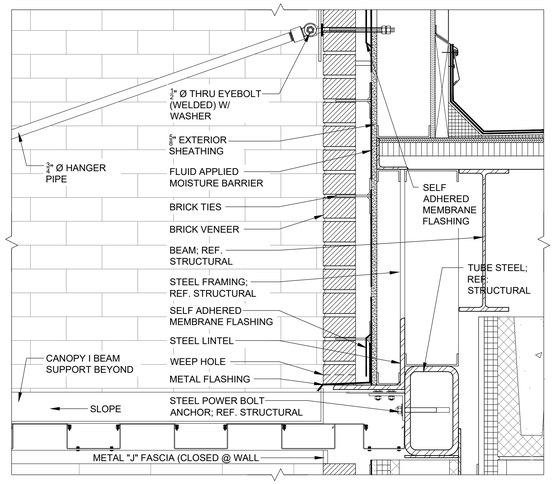
05 Metal Awning Detail

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



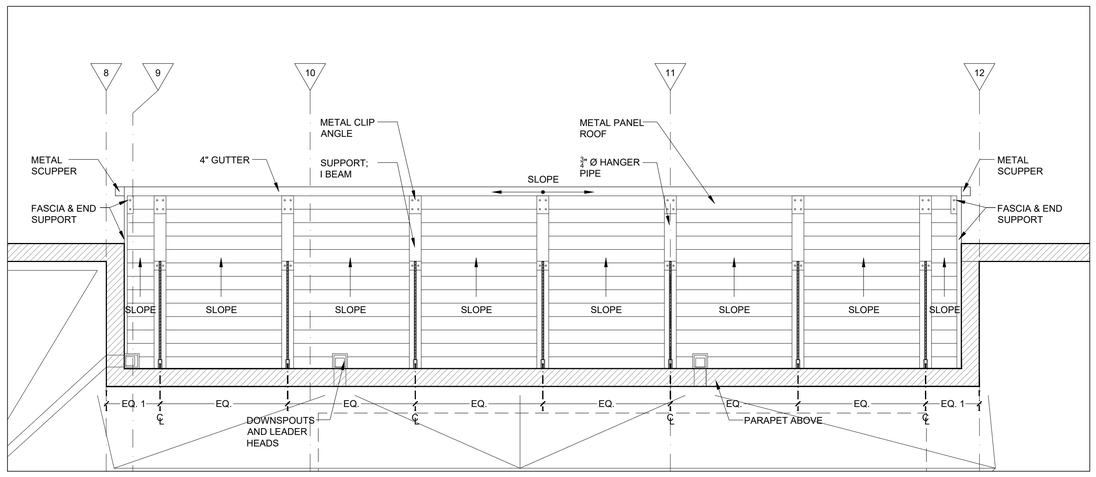
02 Metal Awning Detail @ Support Beam

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



03 Metal Awning Detail @ Roof Panel

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



01 Plan Detail - Metal Awning

A-2.02A | A-4.06 SCALE: 1/4" = 1'-0"

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data	
Project Number	CN 09418
Drawn By	BK
Checked By	PMP

Issue Date

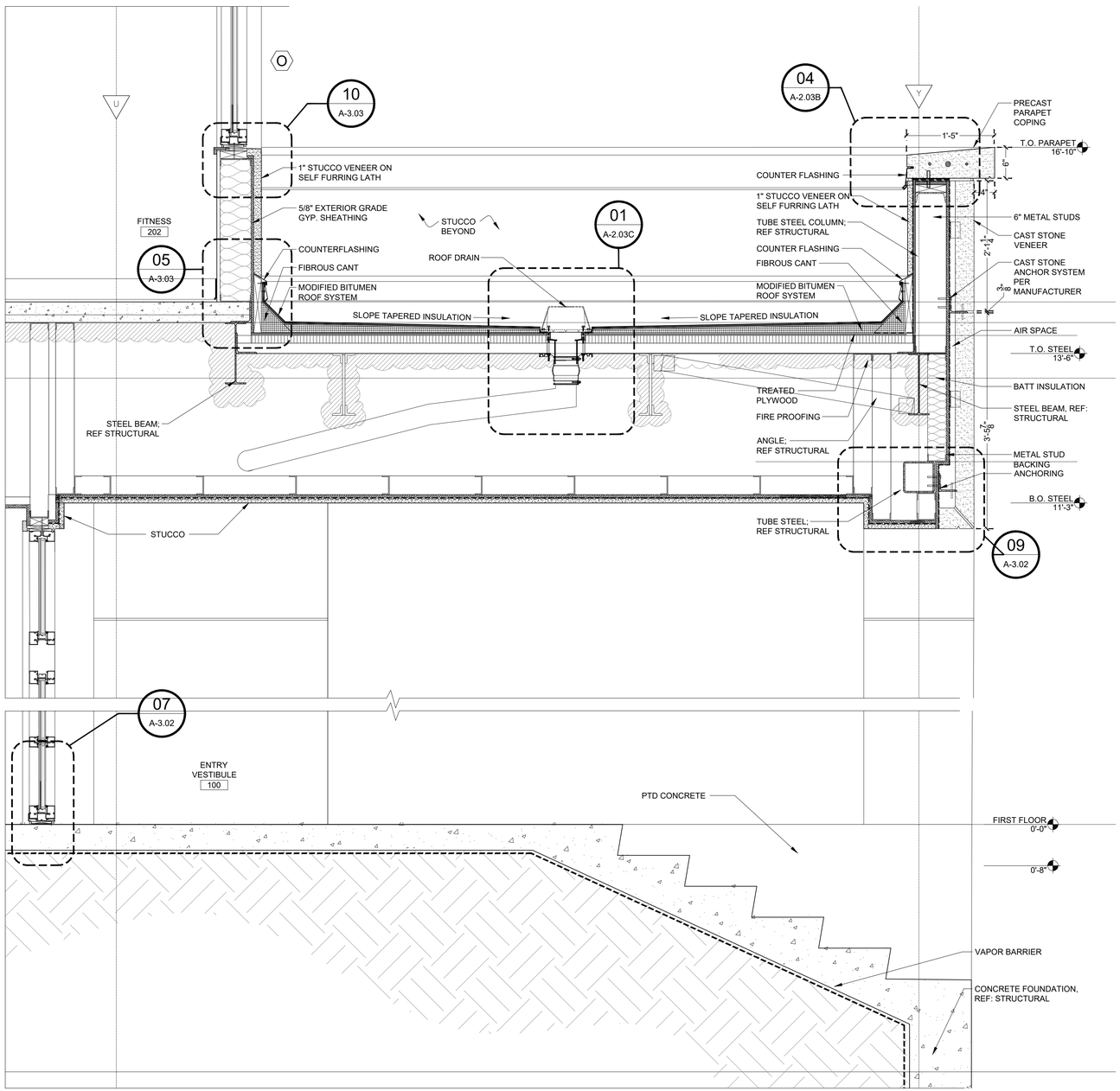
07/12/2023

Title

Metal Awning Details

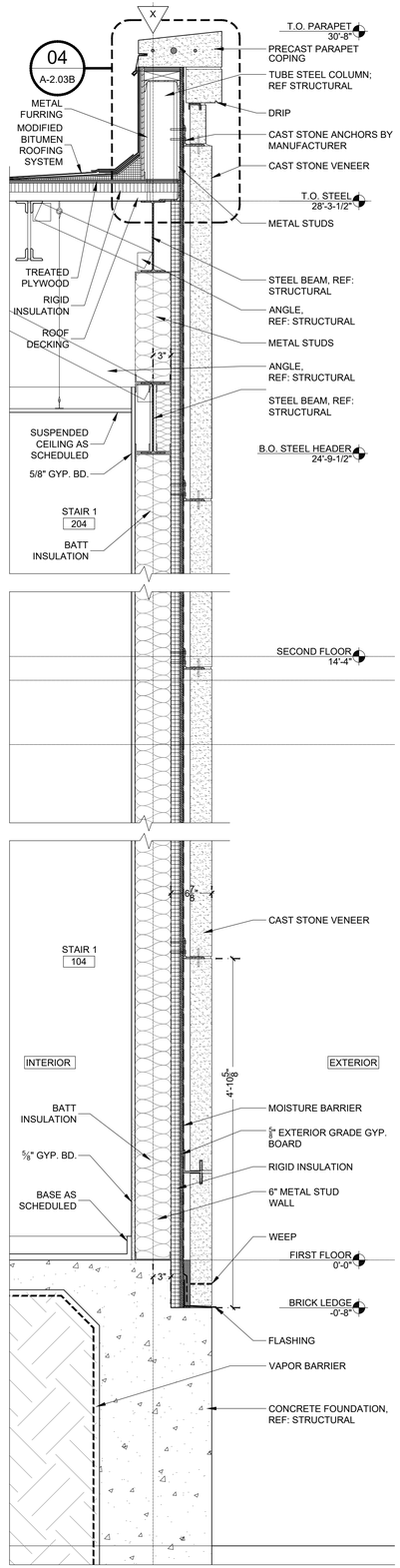
Sheet

A-4.06



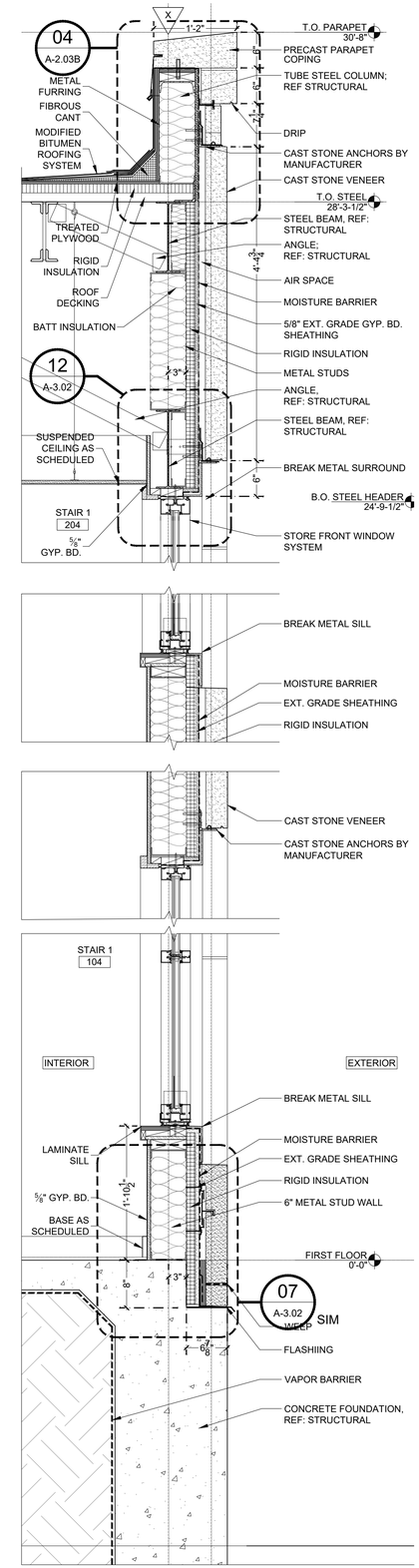
03 Wall Section

A-5.01 SCALE: 1" = 1'-0"



02 Wall Section

A-4.03 A-5.01 SCALE: 1" = 1'-0"



01 Wall Section

A-5.01 SCALE: 1" = 1'-0"

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REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

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Checked By	PMP

Issue Date

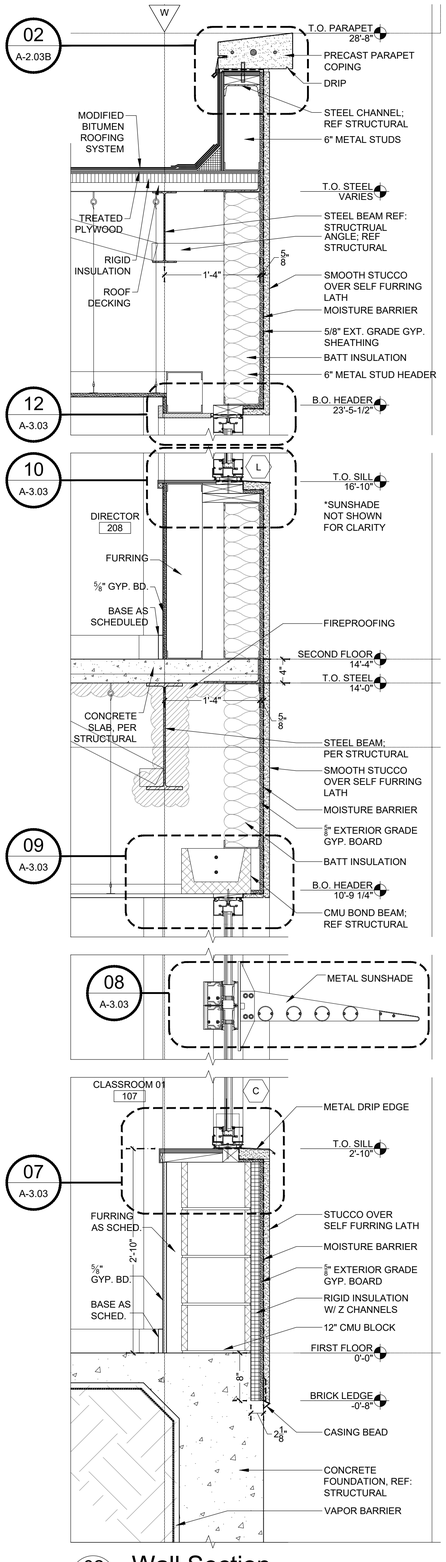
07/12/2023

Title

Wall Sections

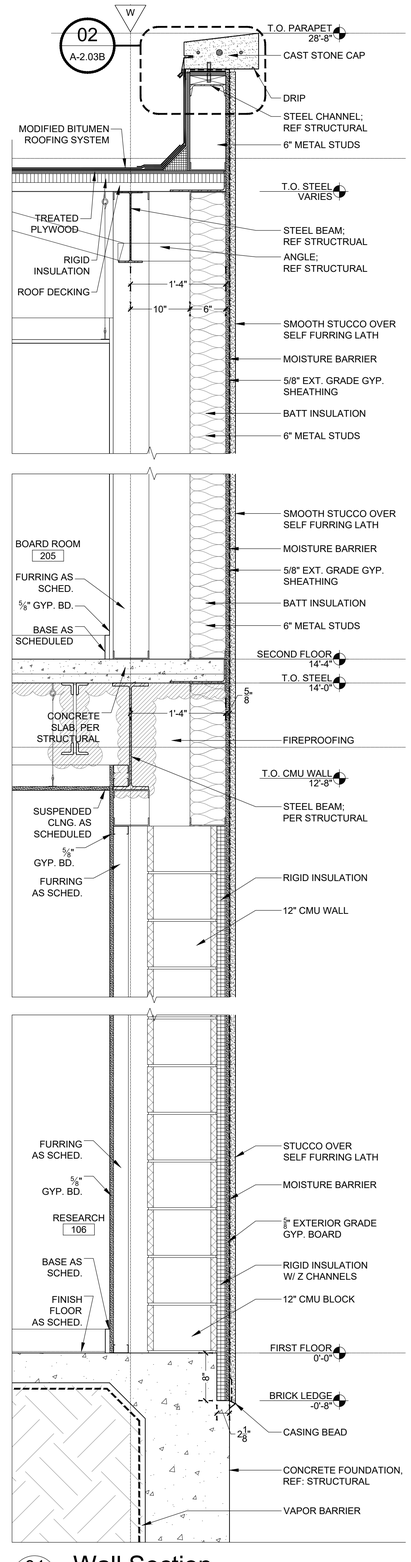
Sheet

A-5.01



02 Wall Section

A-4.03 | A-5.02 SCALE: 1" = 1'-0"



01 Wall Section

A-4.03 | A-5.02 SCALE: 1" = 1'-0"

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PAULA MAY PEER
REG. NO. 5356
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date

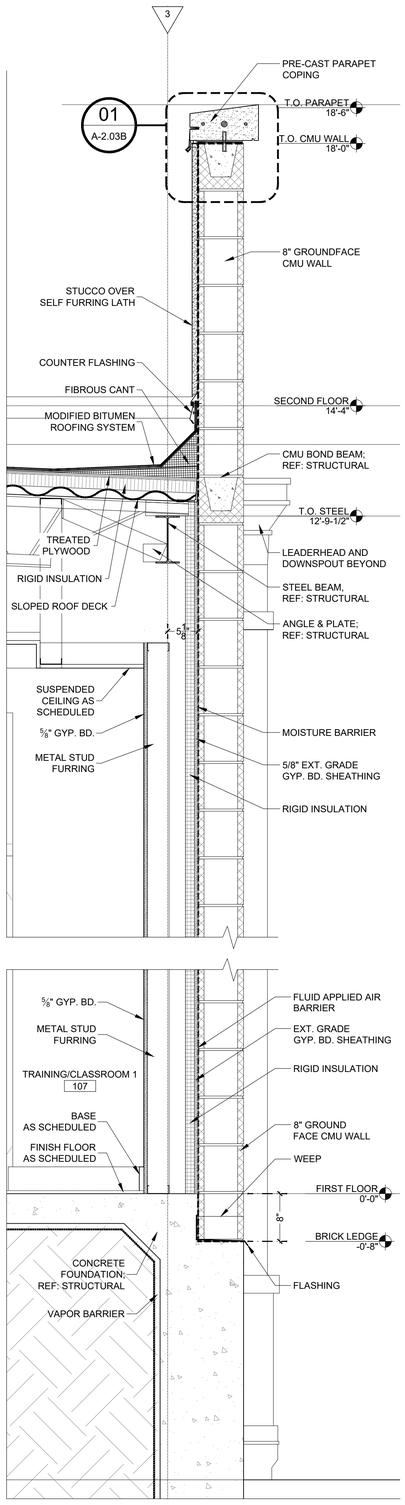
07/12/2023

Title

Wall Sections

Sheet

A-5.02

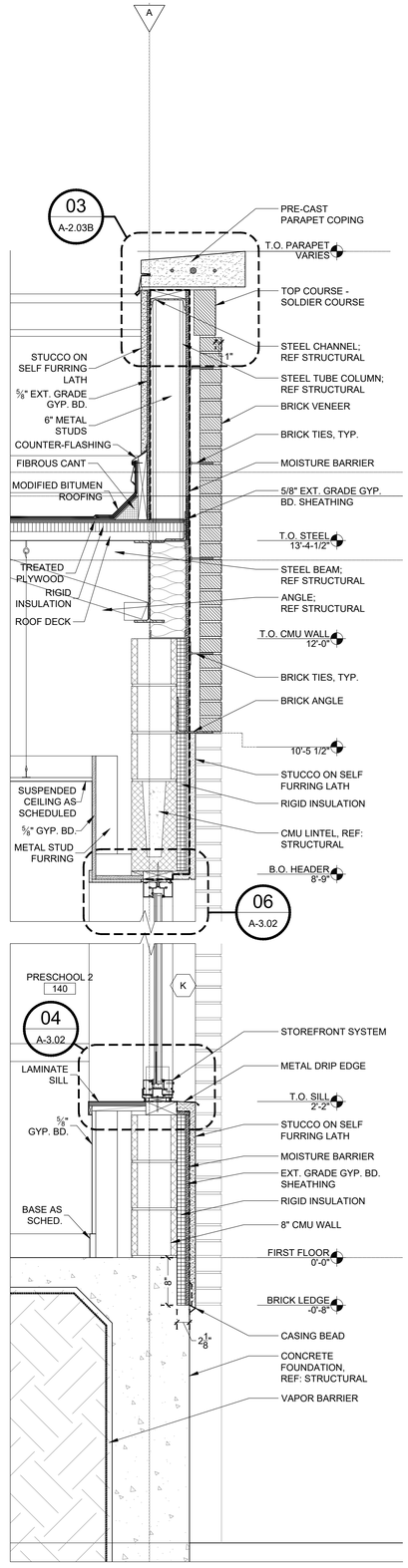


04 Wall Section

A-5.03 SCALE: 1" = 1'-0"

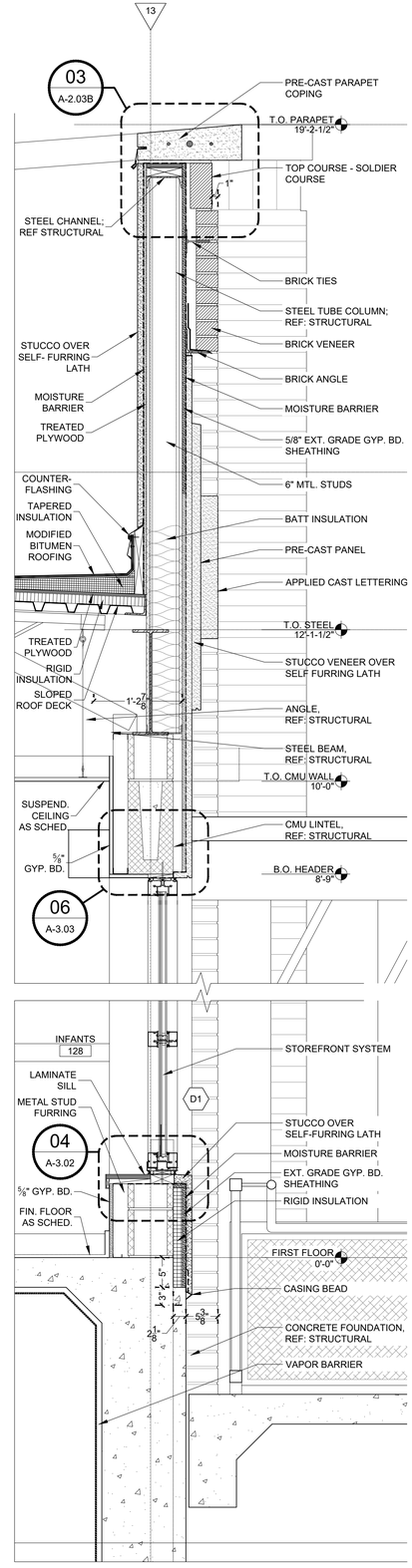
03 NOT USED

A-5.03 SCALE: 1" = 1'-0"



02 Wall Section

A-4.03 A-5.03 SCALE: 1" = 1'-0"



01 Wall Section

A-4.03 A-5.03 SCALE: 1" = 1'-0"

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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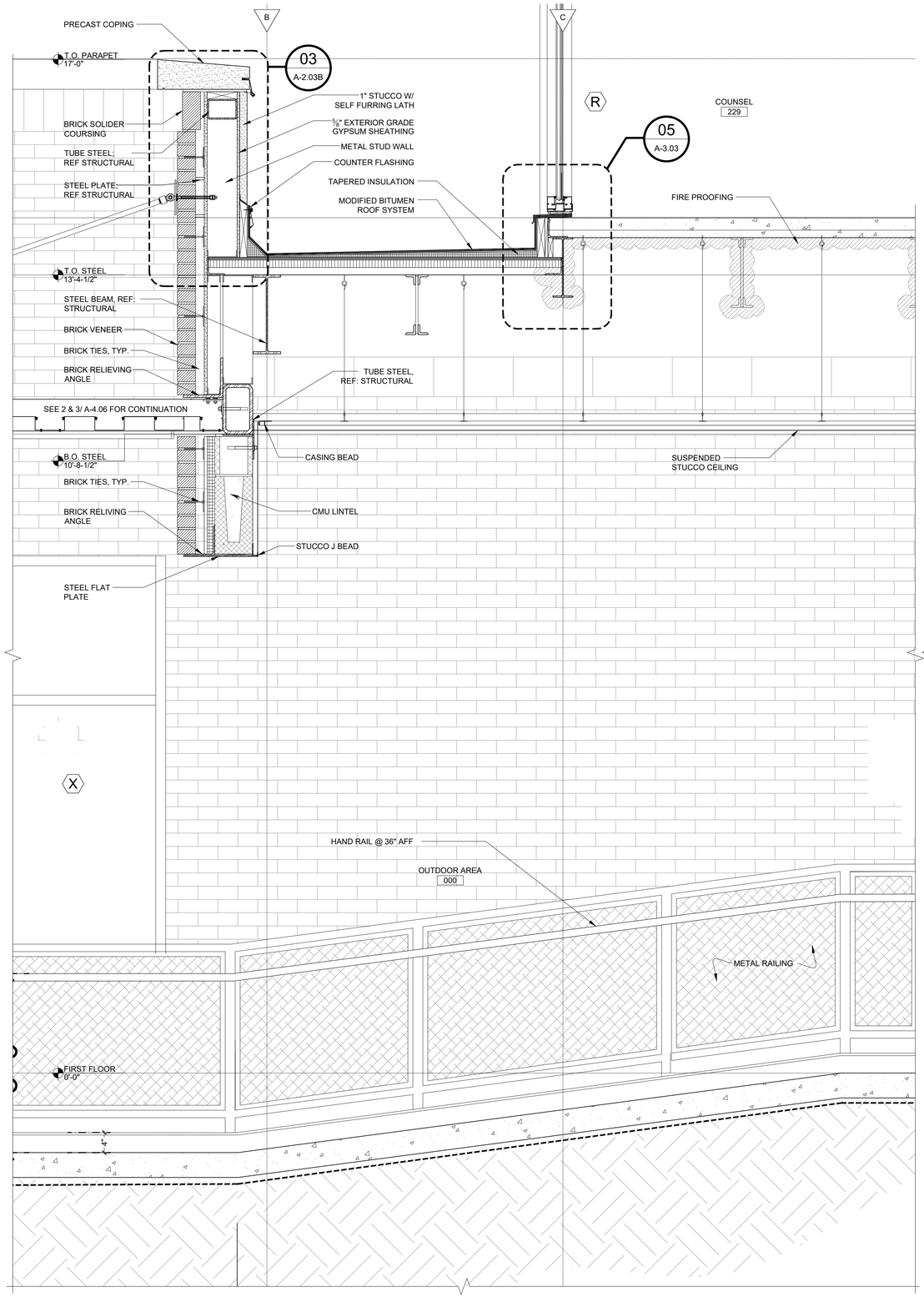
Title

Wall Sections

Sheet

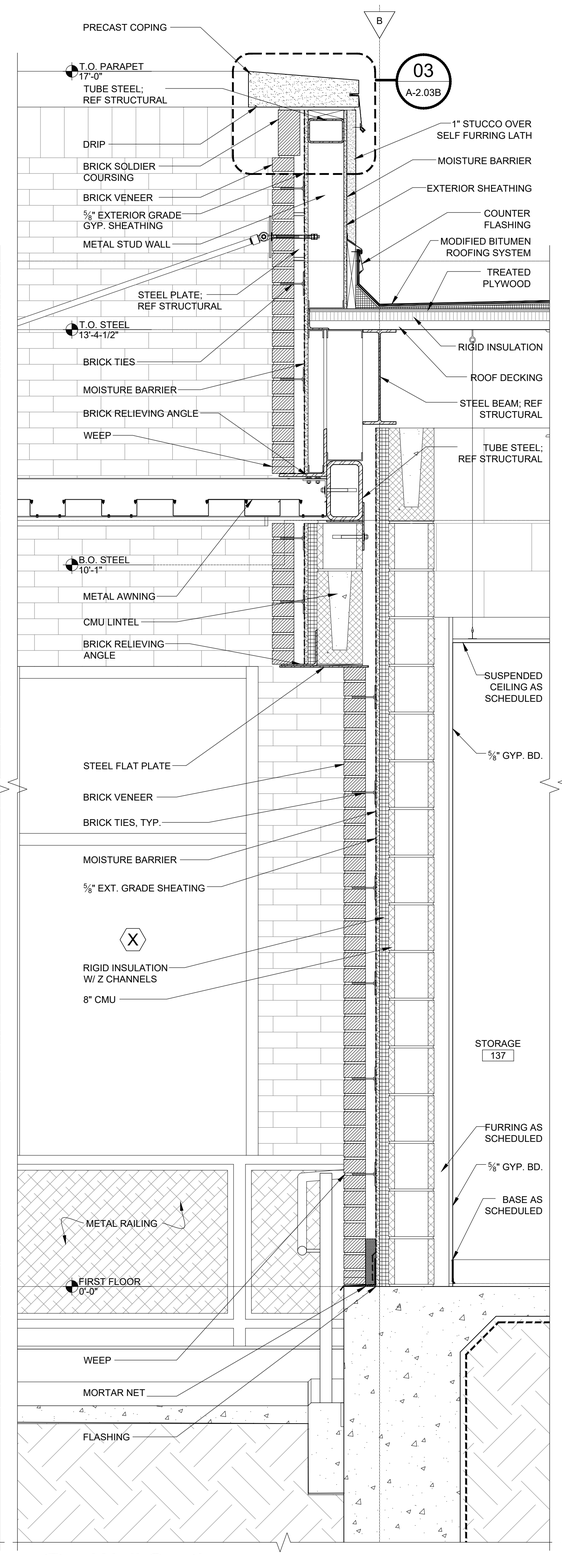
A-5.03



03 Wall Section

A-4.05 | A-5.04

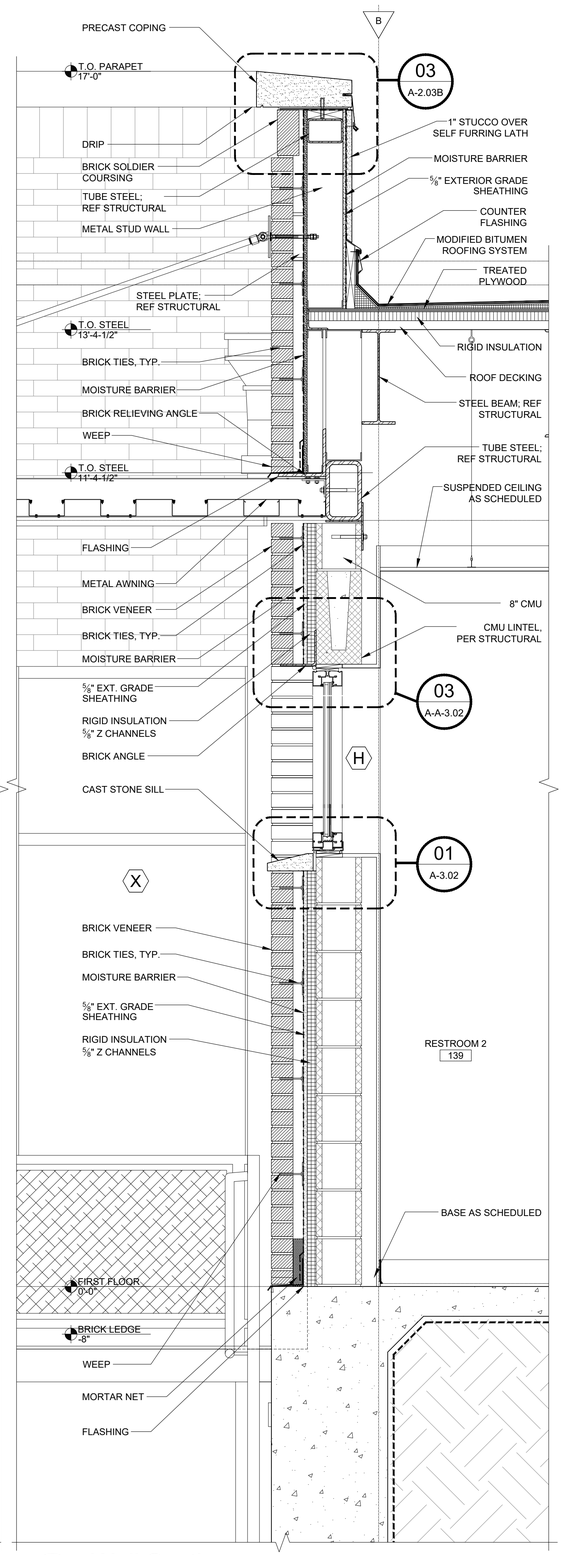
SCALE: 1" = 1'-0"



02 Wall Section

A-4.05 | A-5.04

SCALE: 1" = 1'-0"



01 Wall Section

A-4.05 | A-5.04

SCALE: 1" = 1'-0"

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

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Issue Date

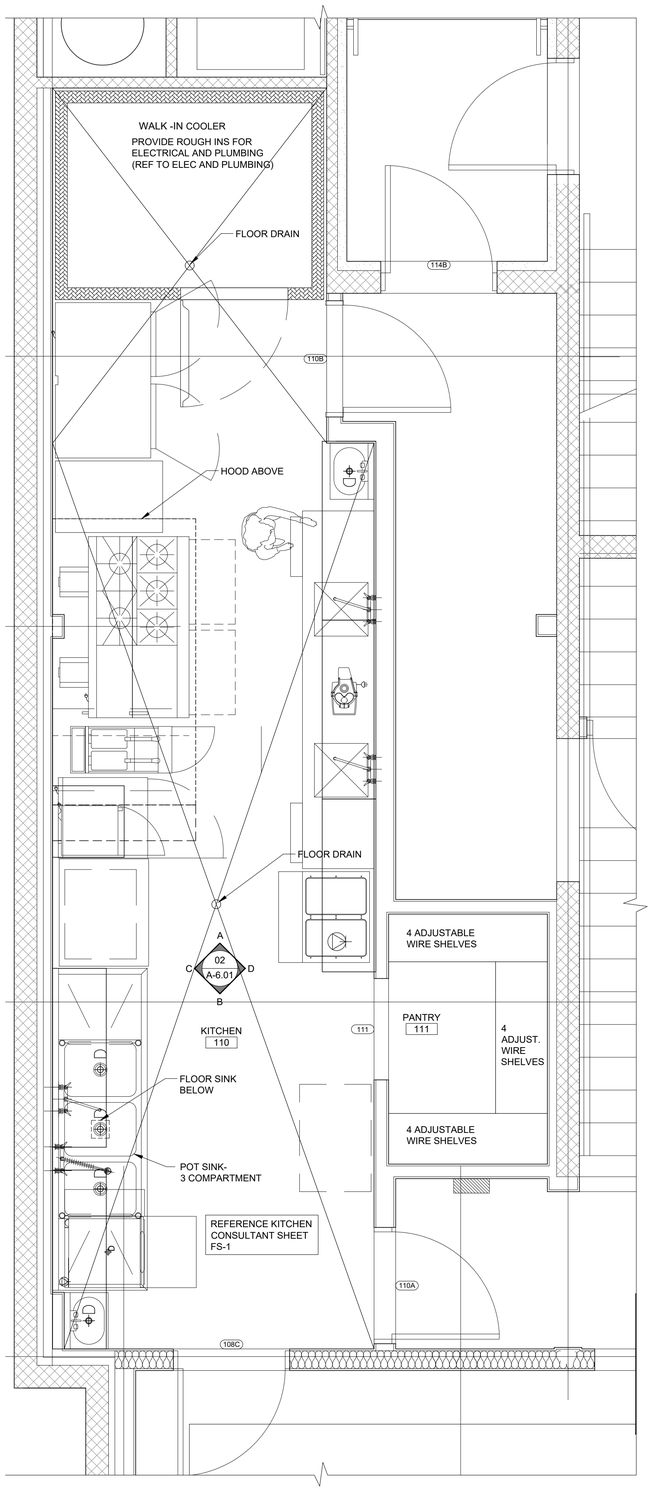
07/12/2023

Title

Wall Sections

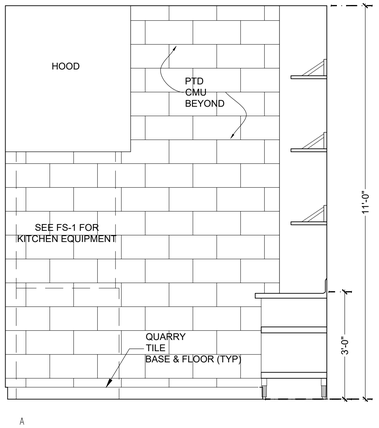
Sheet

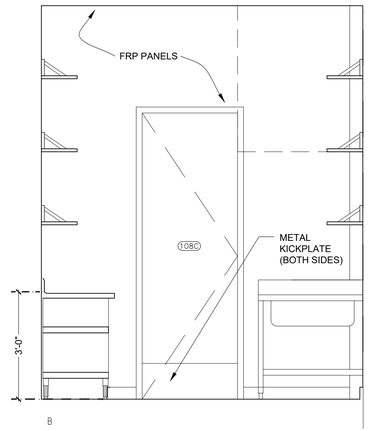
A-5.04



1 Enlarged Plan

A-6.01 KITCHEN SCALE: 1/2" = 1'-0"





KITCHEN NOTES

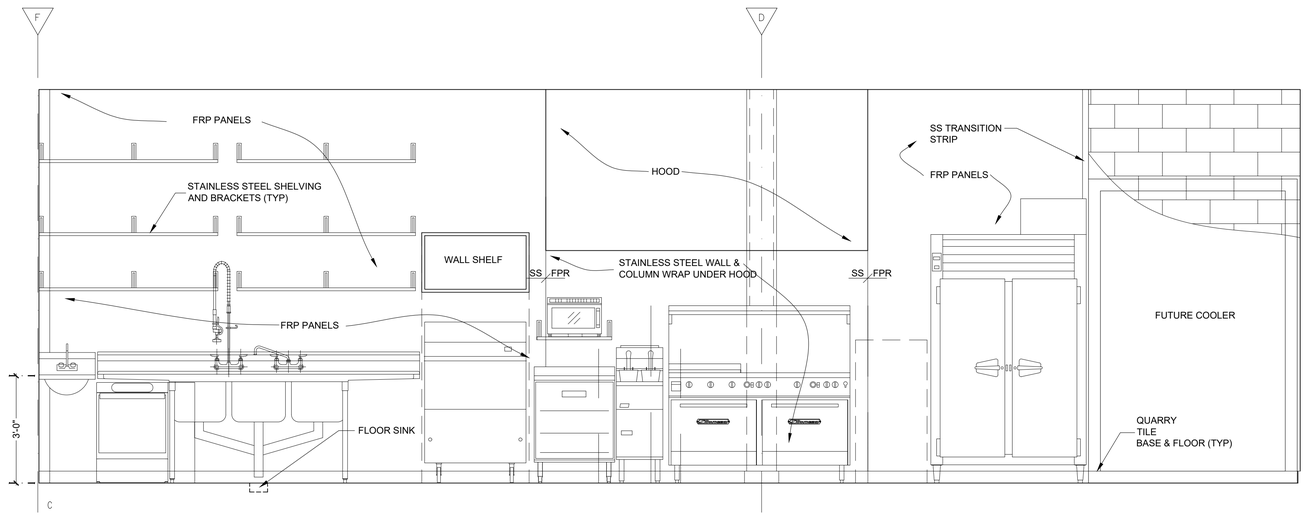
1. FOOD EQUIPMENT AS SCHEDULED UNDER FS-1 IS CONSIDERED PART OF ALTERNATE # 2, ALL ARCHITECTURAL, STRUCTURAL, MEP AND FP SHALL BE CONSIDERED PART OF THE BASE BID.

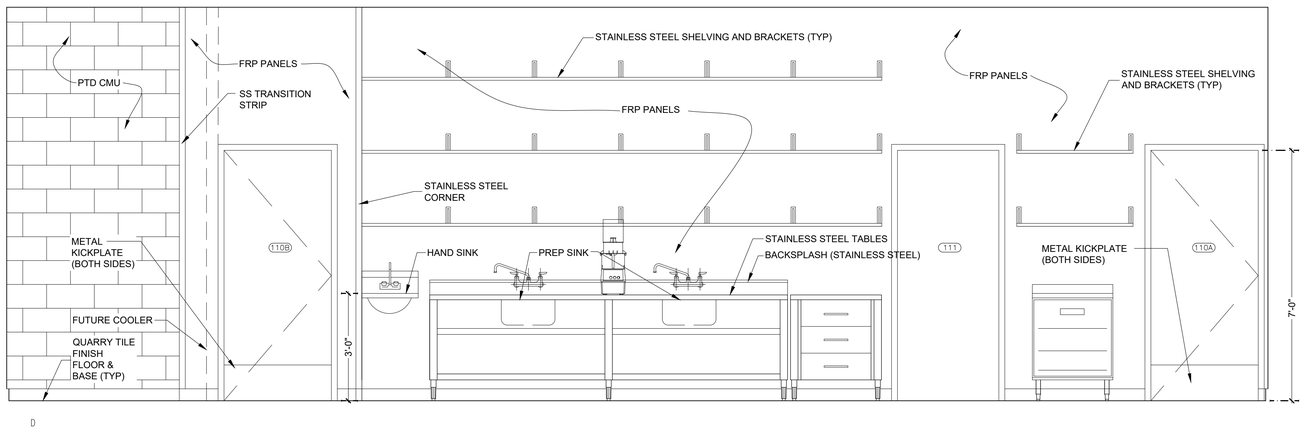
2. REFER TO FOOD EQUIPMENT PLAN FOR EQUIPMENT, PLUMBING AND ELECTRICAL REQUIREMENTS.

3. PROVIDE BLOCKING FOR ALL FOOD EQUIPMENT, SINKS, SHELVING AND ALL OTHER ASSOCIATED ITEMS FOR WALL AND CEILING HUNG FIXTURES.

4. BASES TO RUN CONTINUOUS BEHIND ALL EQUIPMENT.

5. CONTRACTOR TO COORDINATE ALL PLUMBING AND ELECTRICAL ROUGH-INS WITH FOOD EQUIPMENT CONSULTANT/SUPPLIER AND ENGINEER PRIOR TO POURING SLAB AND AT CRITICAL MILESTONES FOR INSTALLATION OF SYSTEMS. ANY CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE CONSULTANT/SUPPLIER AND ENGINEER PRIOR TO CONSTRUCTION.





2 Interior Elevations

A-6.01 KITCHEN SCALE: 1/2" = 1'-0"

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07/12/2023
RE-ISSUE 11/12/2024

Title

Enlarged Floor Plans & Interior Elevations - Kitchen

Sheet

A-6.01

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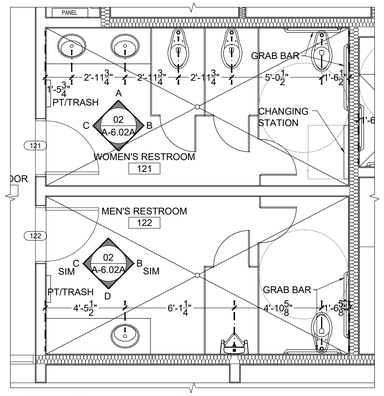
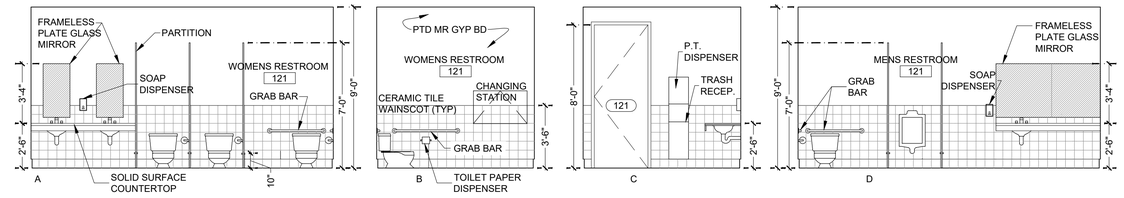
INTERIOR GENERAL NOTES

1. PROVIDE CHILDPROOF LOCKS AT ALL BASE CABINETS
2. ALL WAINSCOT TO HAVE BULLNOSE EDGE AND COVE PROFILE BASE



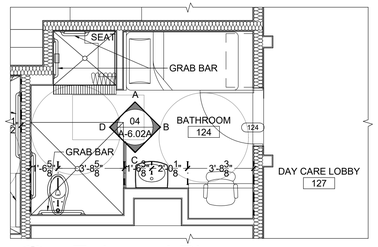
1 Enlarged Plan

A-6.02A 1ST FLOOR RESTROOMS (TYP.) SCALE: 1/4" = 1'-0"



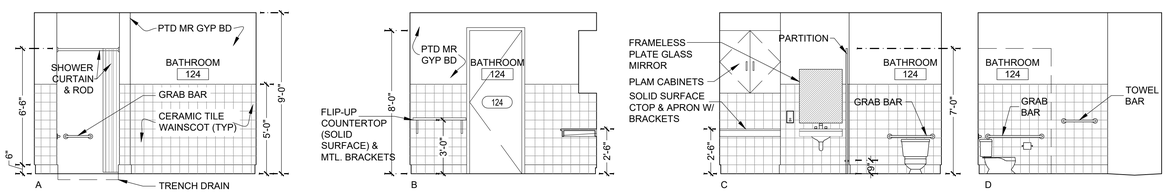
2 Interior Elevations

A-6.02A 1ST FLOOR RESTROOMS (TYP) SCALE: 1/4" = 1'-0"



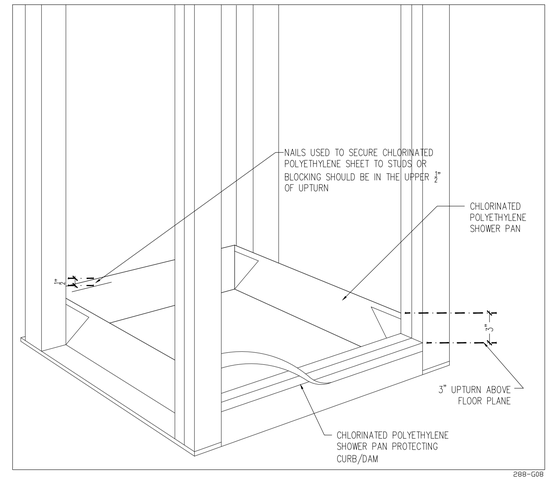
3 Enlarged Plan

A-6.02A SICK ROOM SCALE: 1/4" = 1'-0"



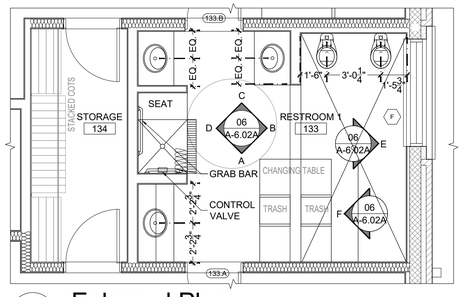
4 Interior Elevations

A-6.02A BATHROOM SCALE: 1/4" = 1'-0"



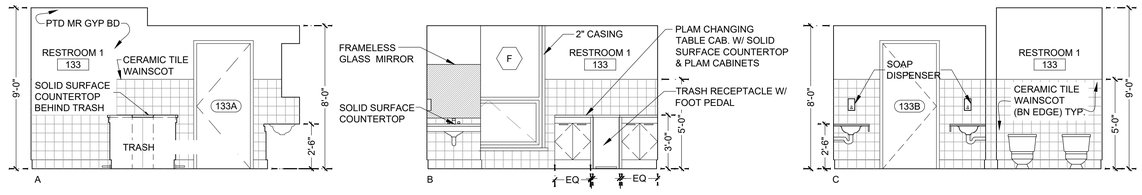
10 Typical Shower Detail

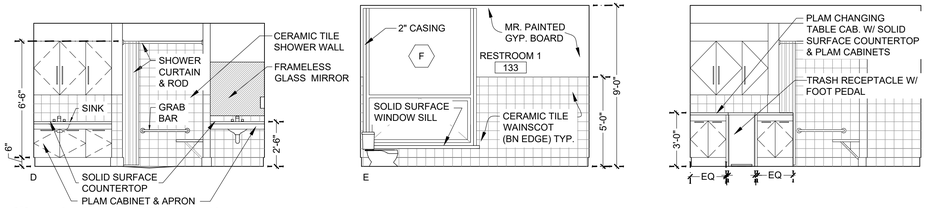
A-6.02A ORTHOGRAPHIC VIEW SCALE: 1/4" = 1'-0"



5 Enlarged Plan

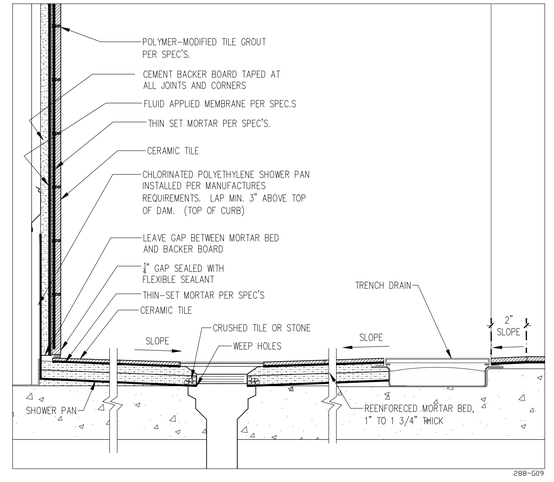
A-6.02A RESTROOM 1 SCALE: 1/4" = 1'-0"





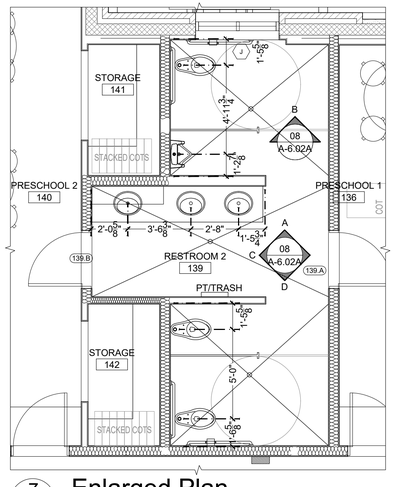
6 Interior Elevations

A-6.02A RESTROOM 1 (TODDLERS) SCALE: 1/4" = 1'-0"



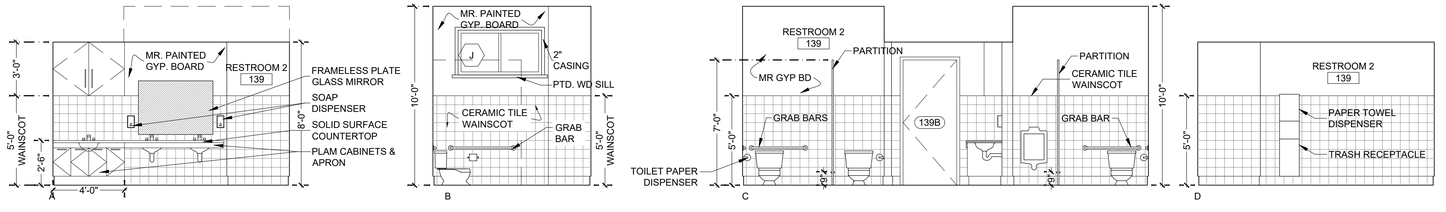
9 Typical Shower Detail

A-6.02A SCALE: 1/4" = 1'-0"



7 Enlarged Plan

A-6.02A RESTROOM 2 SCALE: 1/4" = 1'-0"



8 Interior Elevations

A-6.02A RESTROOM 2 (PRESCHOOL) SCALE: 1/4" = 1'-0"

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Owner
YWCA of New Orleans
601 South Norman C. Francis Parkway
600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date
07/12/2023

Title
Enlarged Plans & Int. Elevations - Bathrooms

Sheet
A-6.02A

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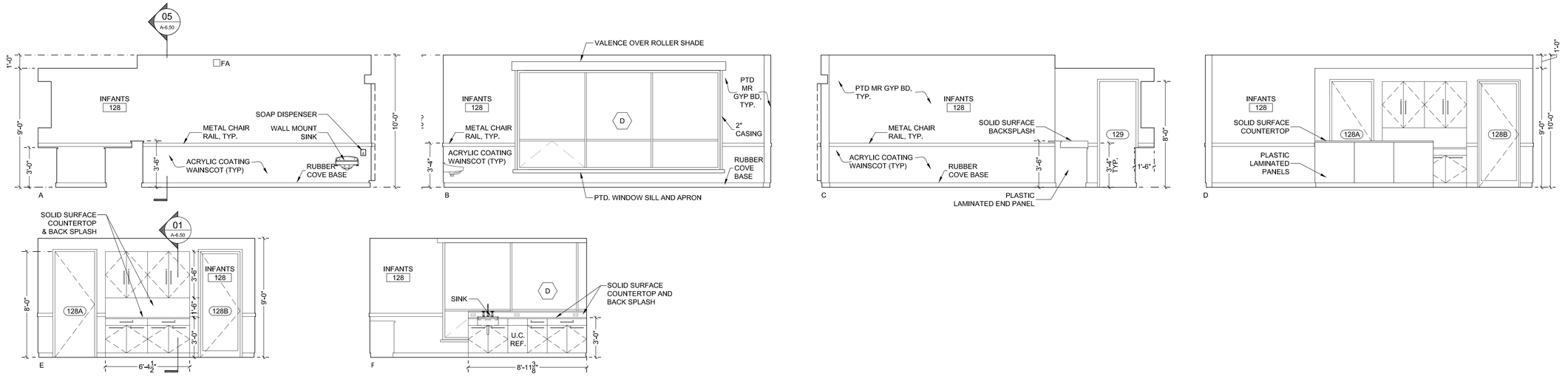
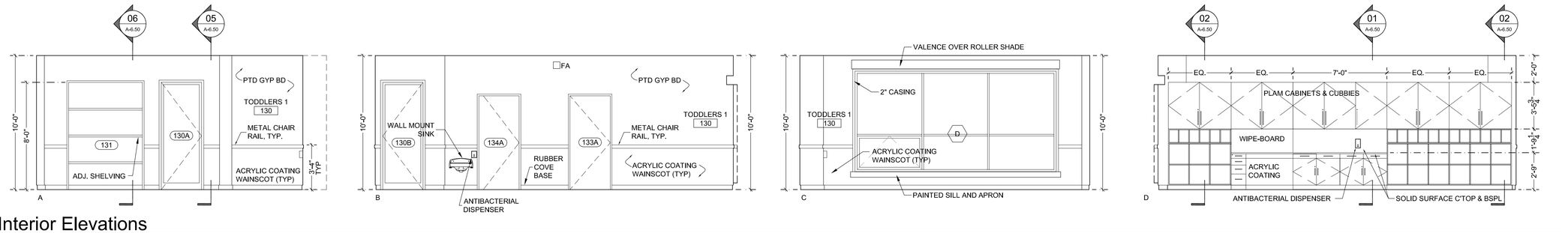


1 Interior Elevations

A-6.02B INFANTS

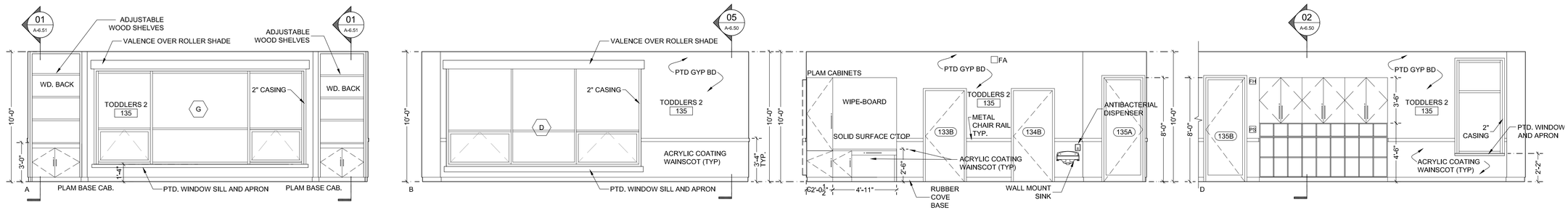
SCALE: 1/4" = 1'-0"



2 Interior Elevations

A-6.02B TODDLERS 1

SCALE: 1/4" = 1'-0"



3 Interior Elevations

A-6.02B TODDLERS 2

SCALE: 1/4" = 1'-0"

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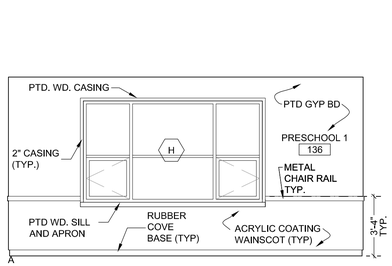
(RE-ISSUE 11/12/2024)

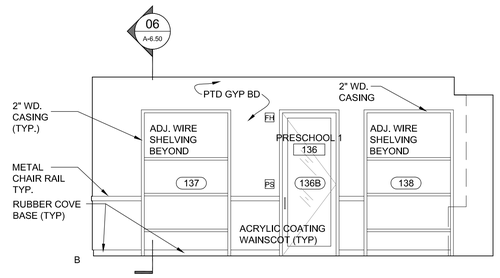
Title

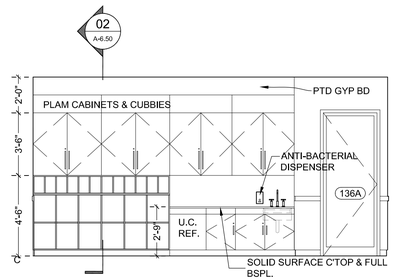
Interior Elevations - Daycare

Sheet

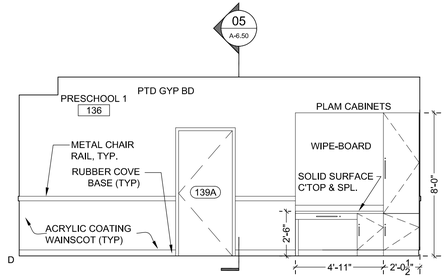
A-6.02B







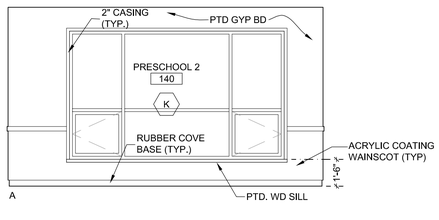
PRESCHOOL 1
136

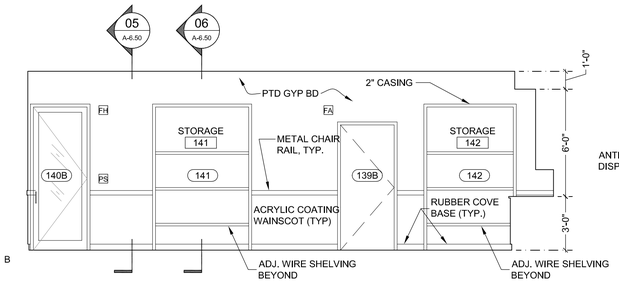


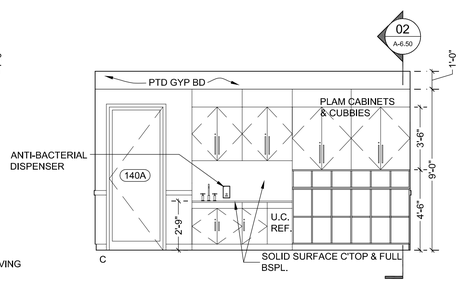
1 Interior Elevations

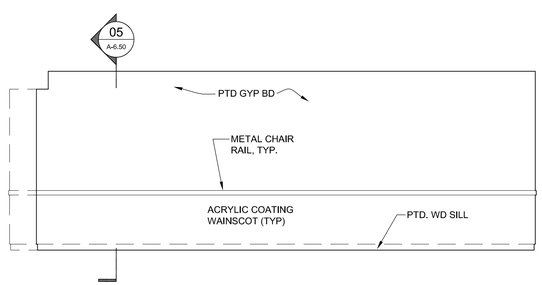
A-6.02C PRESCHOOL 1

SCALE: 1/4" = 1'-0"





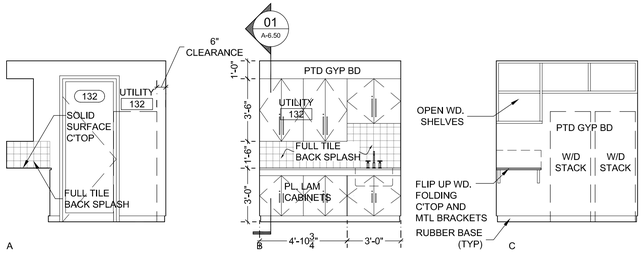




2 Interior Elevations

A-6.02C PRESCHOOL 2

SCALE: 1/4" = 1'-0"



3 Interior Elevations

A-6.02C UTILITY

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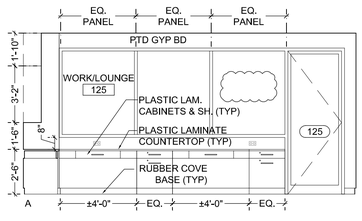
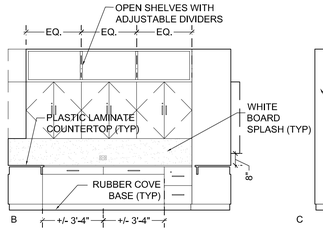
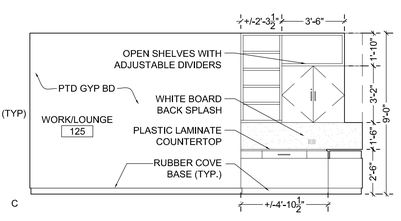
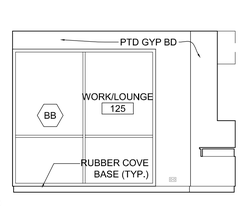




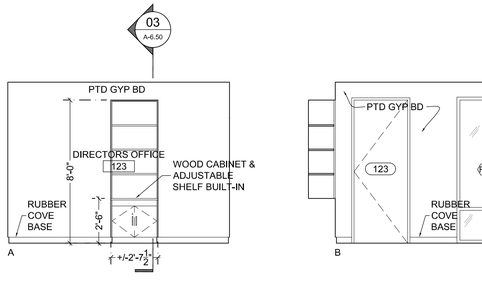


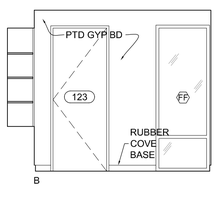


4 Interior Elevations

A-6.02C WORK/LOUNGE

SCALE: 1/4" = 1'-0"

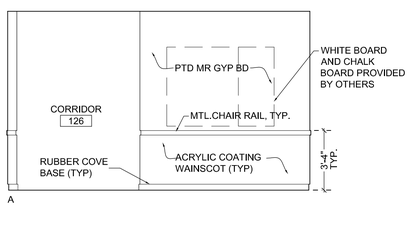


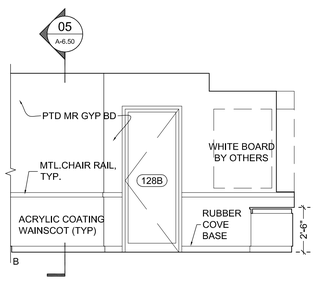


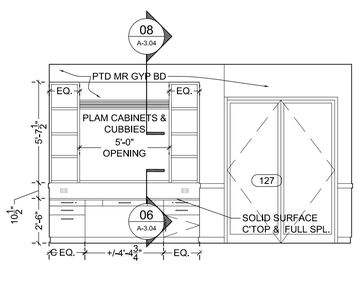
5 Interior Elevations

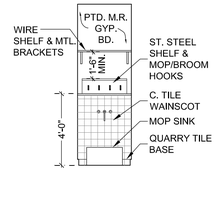
A-6.02C DIRECTOR'S OFFICE

SCALE: 1/4" = 1'-0"









6 Interior Elevations

A-6.02C DAYCARE LOBBY

SCALE: 1/4" = 1'-0"

7 Interior Elevations

A-6.02C JANITOR'S CLOSET

SCALE: 1/4" = 1'-0"

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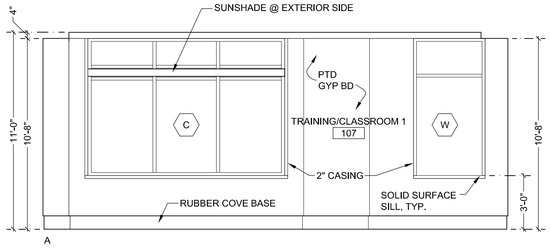
Title

Interior Elevations - Daycare

Sheet

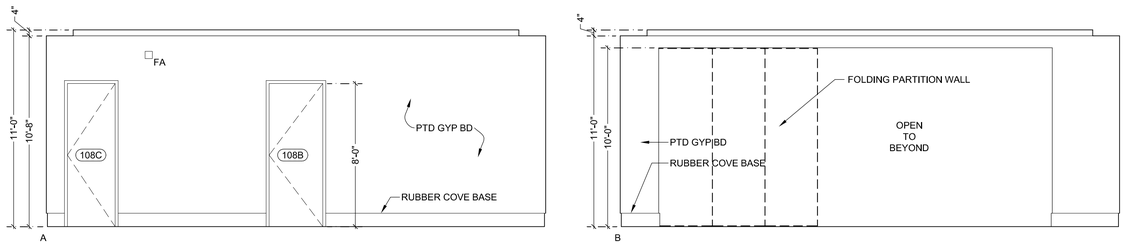
A-6.02C



1 Interior Elevations

A-6.02D TRAINING 1

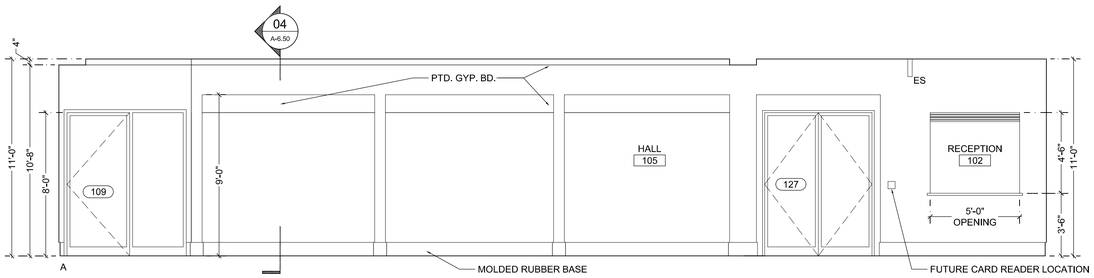
SCALE: 1/4" = 1'-0"

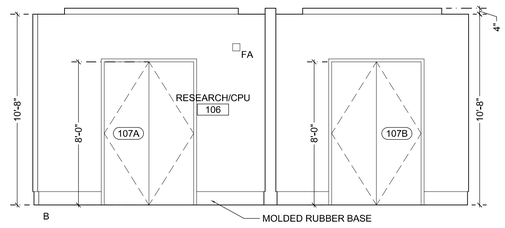


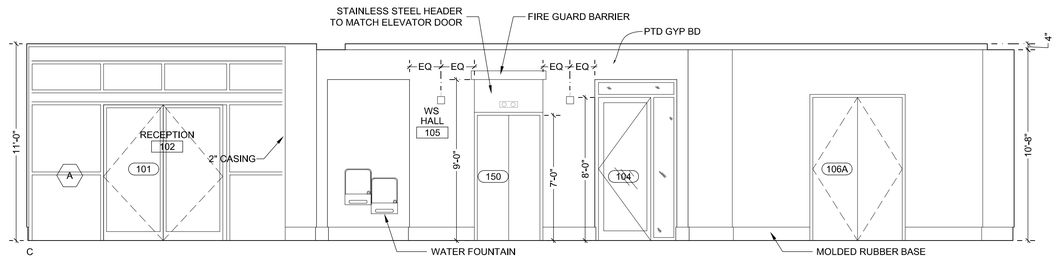
2 Interior Elevations

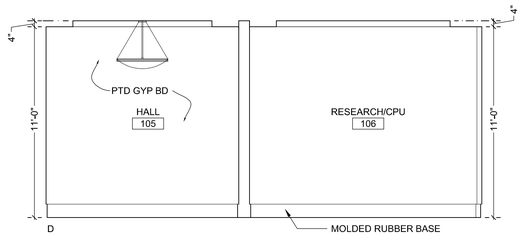
A-6.02D TRAINING 2

SCALE: 1/4" = 1'-0"









3 Interior Elevations

A-6.02D HALL, RECEPTION & RESEARCH/CPU

SCALE: 1/4" = 1'-0"

GENERAL INTERIOR NOTES

1. PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT, ARTWORK, TVS, LIGHT FIXTURES, ETC. THROUGHOUT BUILDING, CONTRACTOR TO VERIFY HEIGHTS AND LOCATIONS WITH OWNER.

2. ACRYLIC COATING AT WALLS TYPICAL FOR ALL DAYCARE CLASSROOMS AND HALLS/CORRIDORS IN THE DAYCARE WING.

3. METAL CHAIR RAILS TYPICAL FOR ALL CLASSROOMS AND HALLS/CORRIDORS IN DAYCARE WING.

4. PROVIDE METAL CORNER GUARDS AT DAYCARE CORRIDOR/HALL WALLS.

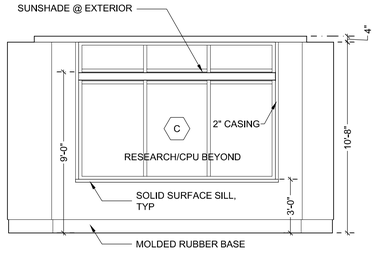
5. ALL BASE CABINETS AT DAYCARE CLASSROOMS AND BATHROOMS ARE TO BE LOCKABLE WITH A KEY. DOORS TO BE SOFT CLOSE.

6. PROVIDE SOLID SURFACE WINDOW SILLS THROUGHOUT UNLESS OTHERWISE SPECIFIED.

7. ALL INTERIOR DOORS TO HAVE 2" WIDE CASING UNLESS OTHERWISE INDICATED.

8. SEE RCP'S FOR FINISH CEILING HEIGHTS.

9. REFER TO SHEET A0.06 FOR ALTERNATES



4 Interior Elevations

A-6.02D RESEARCH/CPU

SCALE: 1/4" = 1'-0"

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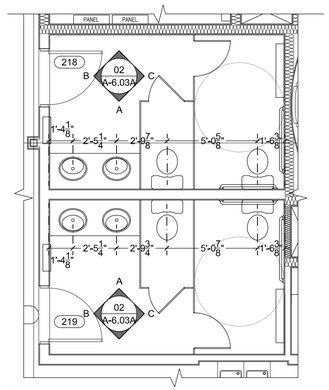
Interior Elevations - Entry & Training

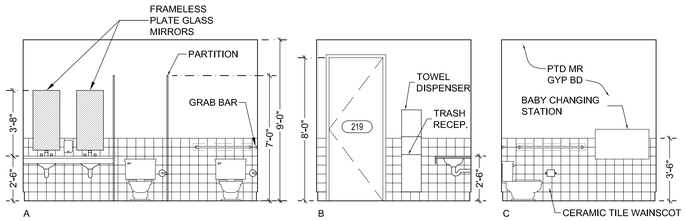
Sheet

A-6.02D



1 Enlarged Plan

A-6.03A 2ND FLOOR REST. (TYP.) SCALE: 1/4" = 1'-0"



2 Interior Elevations

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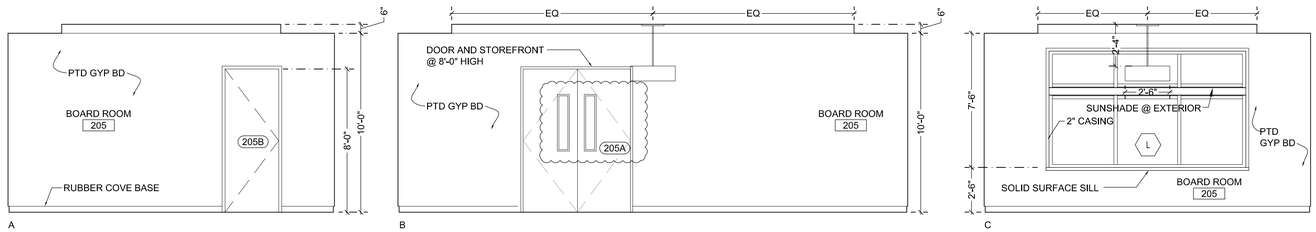
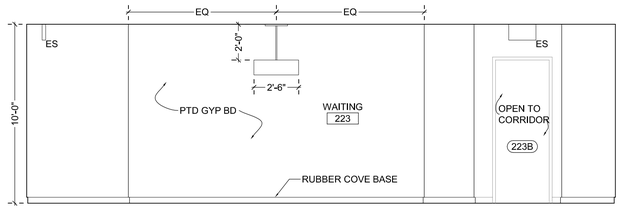


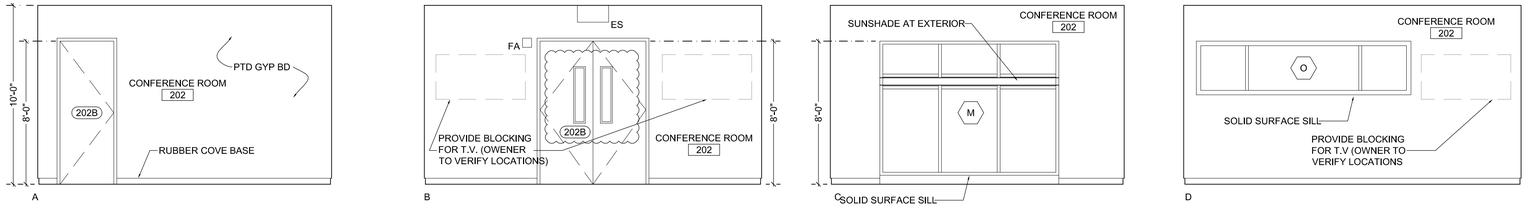
3 Interior Elevations

A-6.03A BOARD ROOM SCALE: 1/4" = 1'-0"



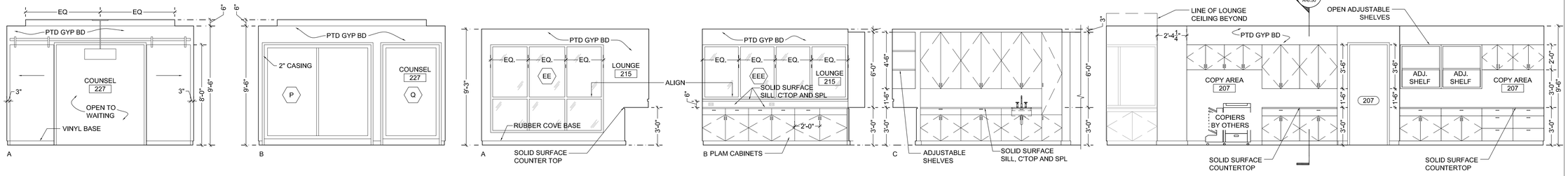
4 Interior Elevations

A-6.03A WAITING AREA SCALE: 1/4" = 1'-0"



5 Interior Elevations

A-6.03A CONFERENCE ROOM SCALE: 1/4" = 1'-0"



6 Interior Elevations

A-6.03A COUNSELING CONFERENCE ROOM SCALE: 1/4" = 1'-0"

7 Interior Elevations

A-6.03A LOUNGE SCALE: 1/4" = 1'-0"

8 Interior Elevations

A-6.03A COPY AREA SCALE: 1/4" = 1'-0"

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Enlarged Plans & Int. Elevations - Second Floor

Sheet

A-6.03A

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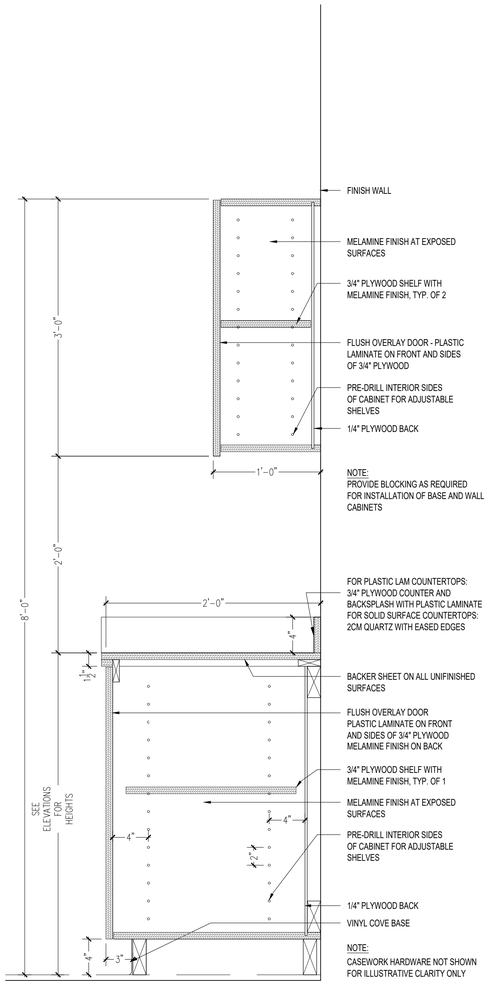

1 Section - Typ. Casework
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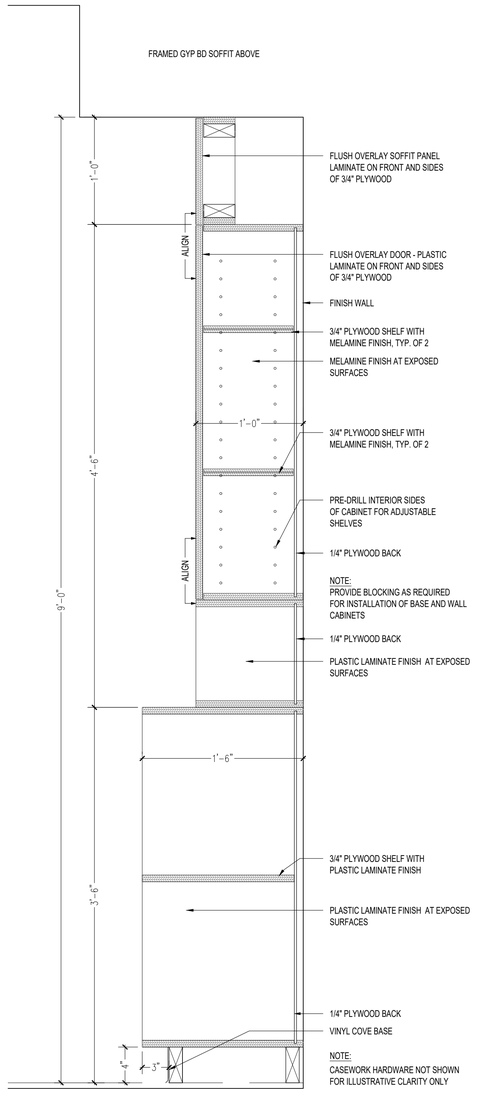

2 Section - Cubbies
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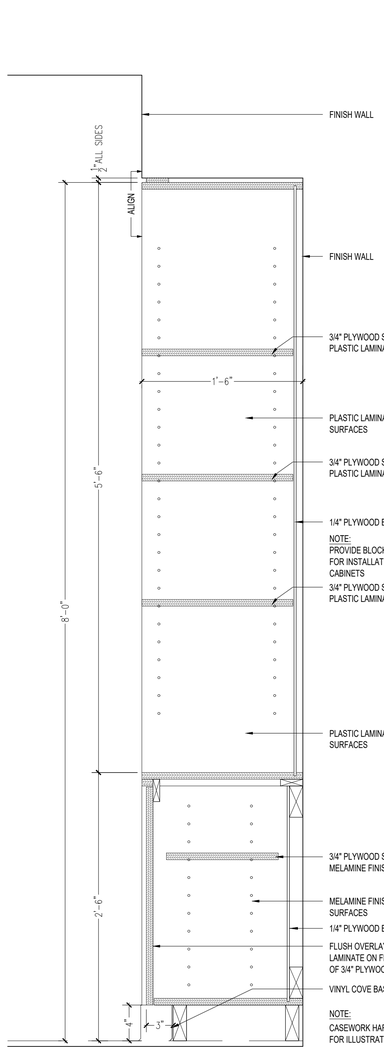

3 Section - Director's Built-in
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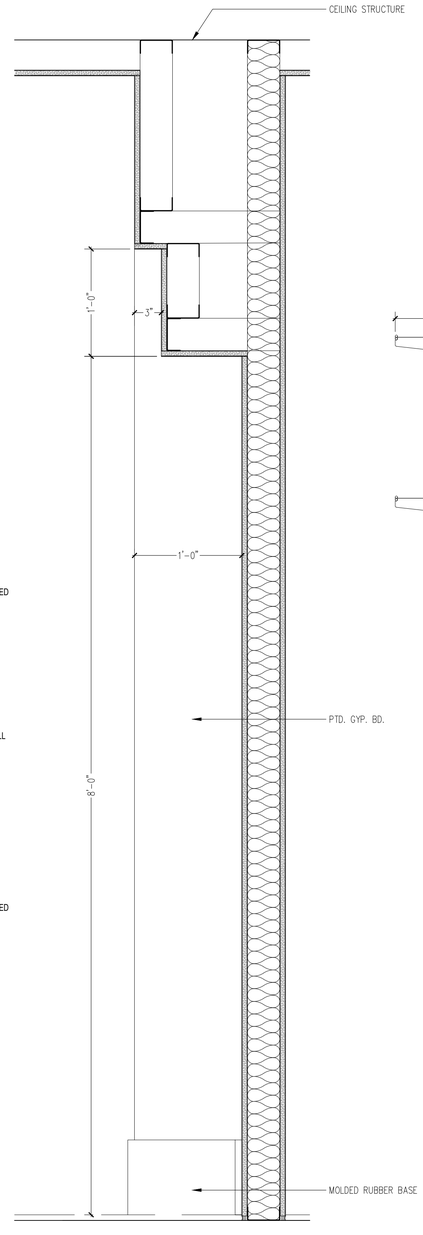

4 Section - Recessed Hall Wall
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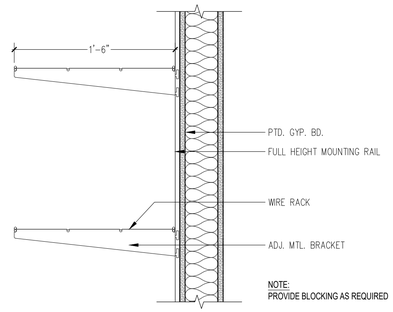
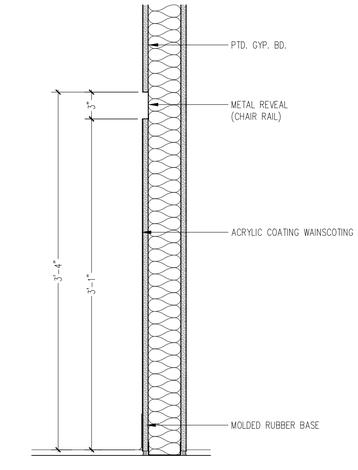


6 Section - Wire Shelves
- | A-6.50
SCALE: 1-1/2" = 1'-0"



5 Section - Wainscoting
- | A-6.50
SCALE: 1-1/2" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas St. | New Orleans, Louisiana 70130 | T (504) 523 2772 | www.trapolinpeer.com

Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023

Title

Interior Details

Sheet

A-6.50

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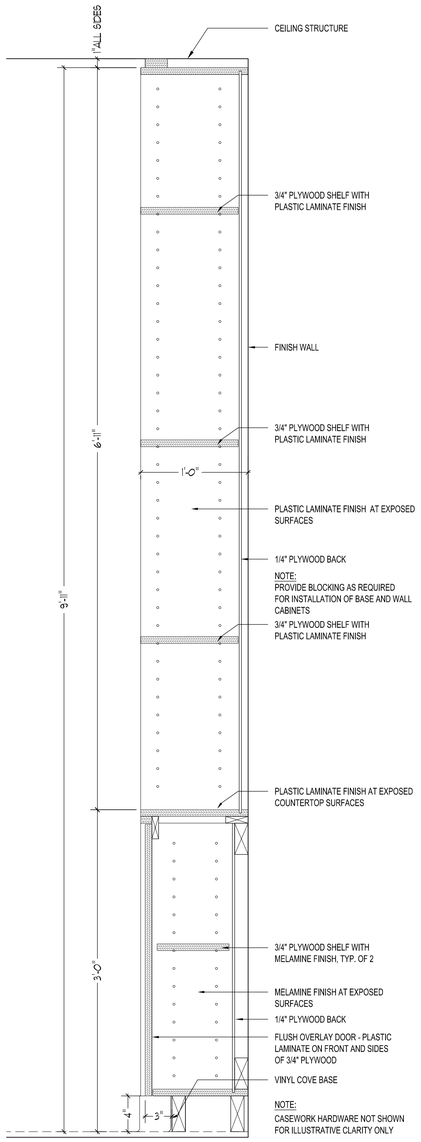

1 Section - Todders 2

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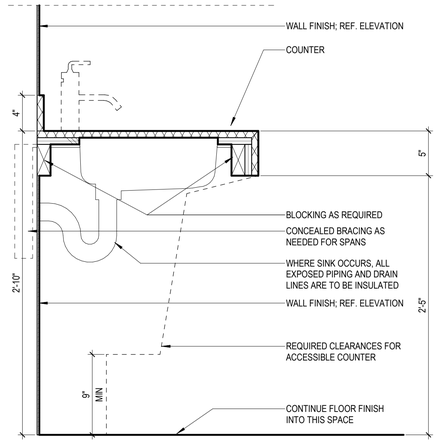

2 Typical Casework Dtl- Accessible Sink Vanity @ Restroom

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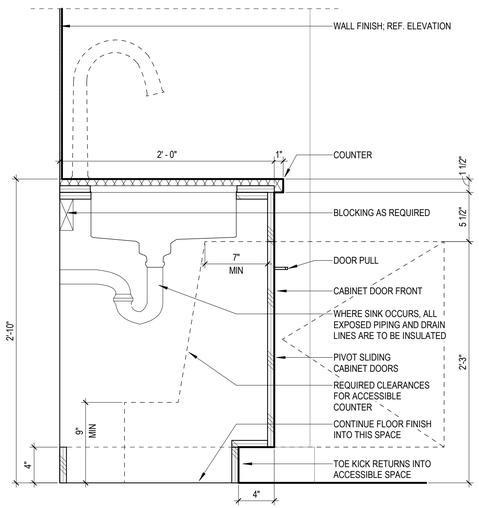

1 Typ Int Casework Dtl- Base Cabient @ Accessible Sink

- | A-6.50 SCALE: 1-1/2" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

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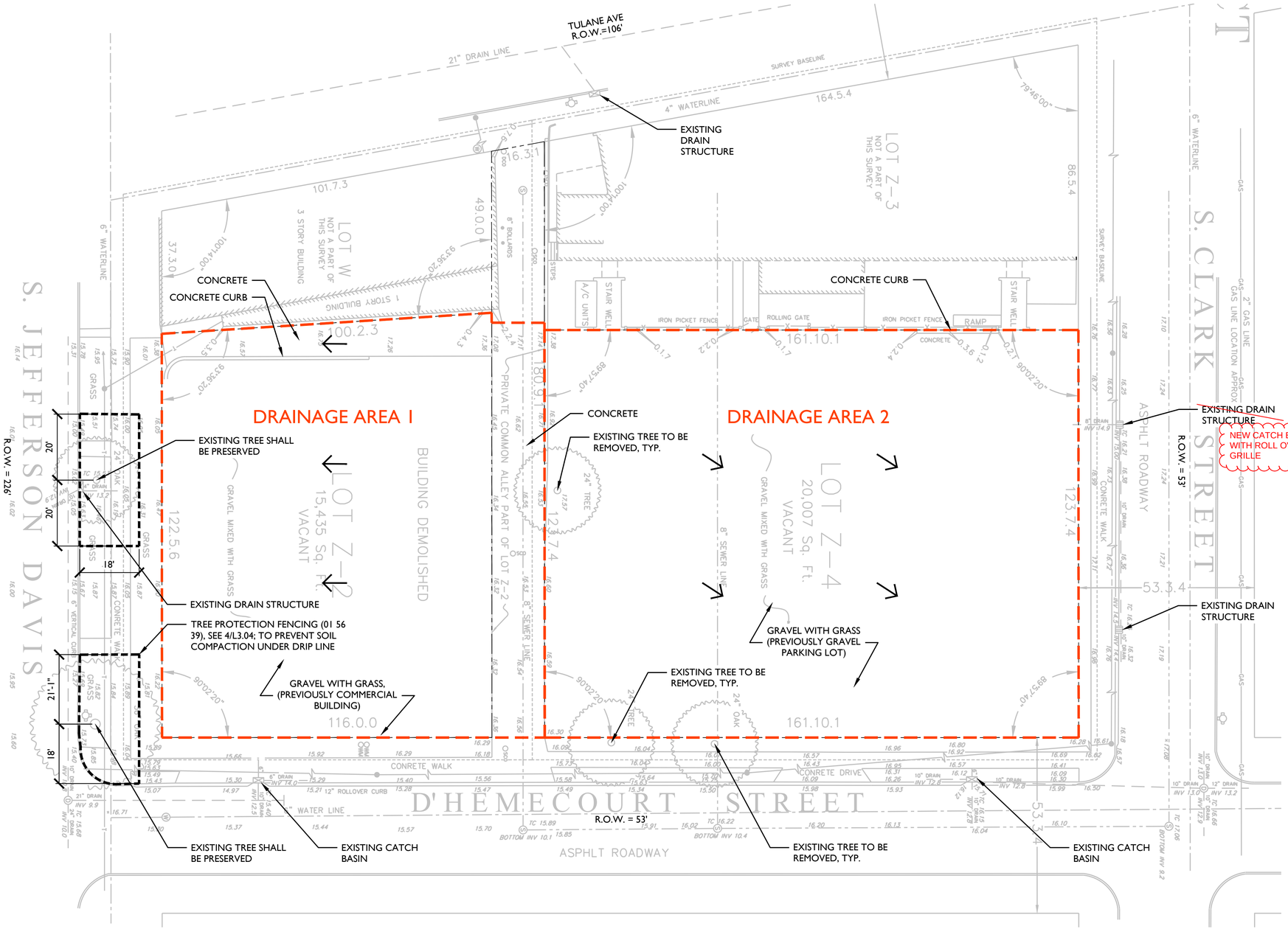
Interior Details

Sheet

A-6.51



EXISTING SITE AND DRAINAGE PLAN

L1.00 1/16" = 1'-0"

LEGEND

- PROPERTY LINE
- TREE PROTECTION FENCING, SEE 4/L3.04
- DRAINAGE AREA
- SURFACE FLOW

NOTES

1. ACCORDING TO USDA NRCS, THE SOIL ON SITE IS DEFINED AS SCHRIEVER CLAY (Sk) WHICH IS ACCOUNTED AS HYDROLOGIC SOIL GROUP D.
2. TREE PROTECTION FENCING (01 56 39) TO PROTECT TREE ROOTS AND PREVENT SOIL COMPACTION UNDER TREE DRIP LINE.
3. ALL WORK DONE WITHIN THE TREE PROTECTION AREA OR UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN SHALL BE DONE BY HAND.
4. CONSTRUCTION EQUIPMENT OR HEAVY MACHINERY SHALL NOT BE ALLOWED WITHIN TREE PROTECTION FENCING.
5. A LOUISIANA LICENSED ARBORIST SHALL PROCURE A PERMIT FROM THE DEPARTMENT OF PARKS AND PARKWAYS PRIOR TO PERFORMING WORK ON EXISTING TREES TO REMAIN.

SPACKMAN MOSSOP + MICHAELS

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

Contractor

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT
11/26/2019

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Project Number	CN 09418
Drawn By	JS
Checked By	EB

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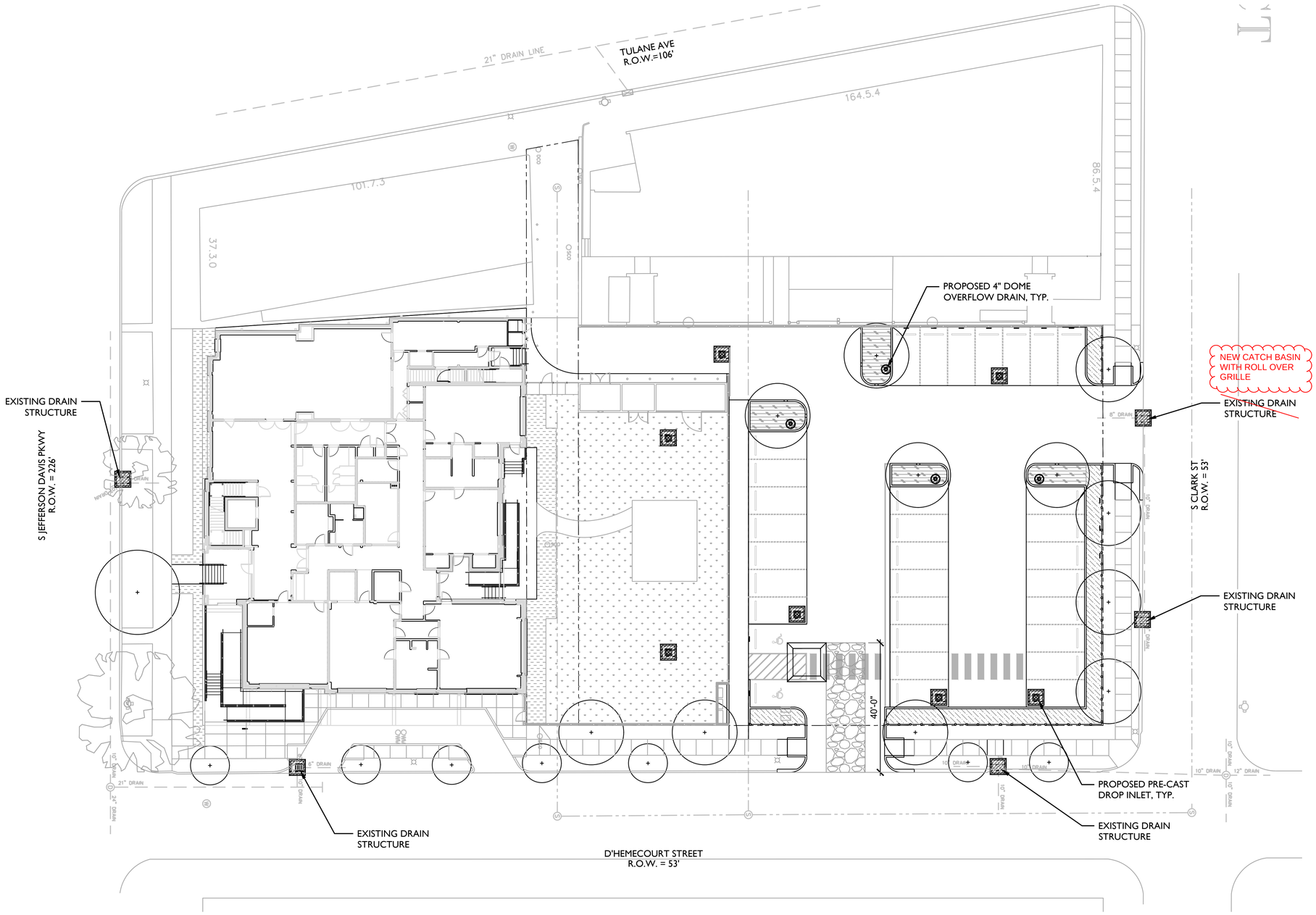
(RE-ISSUE 7/12/2023)

Title
EXISTING SITE AND DRAINAGE PLAN

Sheet
L1.00



EROSION CONTROL PLAN

L1.01 1/16" = 1'-0"

LEGEND

- PROPERTY LINE
- TEMPORARY STONE CONSTRUCTION ENTRANCE, SEE 2/L1.02
- CONCRETE WASHOUT FACILITY, SEE NOTE #3
- TEMPORARY DROP INLET SILT TRAP, SEE 3/L1.02
- TEMPORARY INLET SILT TRAP

NOTES

1. PRIOR TO RELEASE FOR CONSTRUCTION THE CONTRACTOR SHALL EXECUTE THE CONSTRUCTION STORMWATER POLLUTION PREVENTION AND EROSION CONTROL PLAN SUBMITTED WITH APPLICATION AND IN COMPLIANCE WITH BUILDING CODE SECTION 121.5 AND 121.6 AND DPW STANDARD SPECIFICATION SECTION C204.
2. ALL STORMWATER CONTROL MEASURES (SCM) MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO RETAIN SEDIMENT ON-SITE TO THE EXTENT PRACTICAL.
3. CONTRACTOR SHALL PROVIDE AND IDENTIFY A CONCRETE WASHOUT FACILITY FOR THE USE OF THOSE PROVIDING CONCRETE OR CONCRETE-RELATED SERVICES, SEE 4/L1.02.
4. AT THE END OF CONSTRUCTION, CONTRACTOR SHALL REMOVE SCMs IN ADDITION TO ALL SEDIMENT AND TRASH THAT MAY HAVE BEEN DEPOSITED IN NEW AND EXISTING PIPES, STRUCTURES, AND BMPs.

SPACKMAN MOSSOP MICHAELS

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
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New Orleans, LA 70119

Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
LICENSED
LANDSCAPE ARCHITECT

11/26/2019

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Title
EROSION CONTROL PLAN

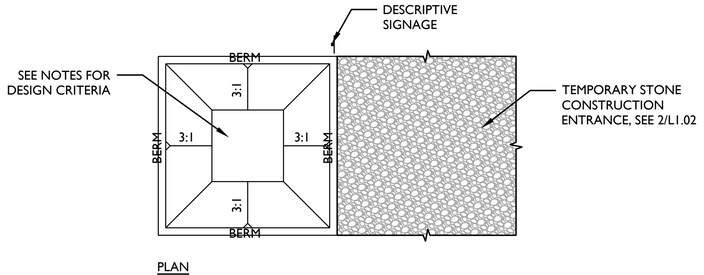
Sheet
L1.01

GENERAL NOTES:

1. ALL STORMWATER CONTROL MEASURES (SCM) MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO RETAIN SEDIMENT ON-SITE TO THE EXTENT PRACTICAL.
2. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE LOUISIANA PERMIT FOR STORM-WATER DISCHARGE, NEW ORLEANS BUILDING CODE SECTION 121.5 AND 121.6 AND DPW STANDARD SPECIFICATION SECTION C204.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A STATE STORM WATER MANAGEMENT PERMIT AND PAYING ANY REQUIRED FEES.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SCMs THROUGHOUT CONSTRUCTION ON A DAILY BASIS. CONTRACTOR MUST REMOVE SEDIMENT FROM ALL APPLICABLE CONTROLS WHEN DESIGN SILT STORAGE CAPACITY HAS BEEN REDUCED BY 50%. WHEN INSPECTIONS IDENTIFY CONTROLS OPERATING INEFFECTIVELY, THE CONTROLS SHALL BE MAINTAINED AT MINIMUM BIWEEKLY AND BEFORE, DURING, AFTER A RAIN EVENT. EACH INSPECTION SHALL BE KEPT IN A LOG.
4. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE CONTRACTOR'S PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE ARCHITECT, CITY OR STATE MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF FACILITIES. ADDITIONAL MEASURES, IF REQUIRED, SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL MONITOR OFF-SITE ACCUMULATIONS OF SEDIMENT ESCAPING THE PROJECT SITE AND REMOVE ACCUMULATED SEDIMENT IMMEDIATELY. SEDIMENTATION WITHIN STREETS ADJACENT TO THE PROJECT SITE MUST BE REMOVED PRIOR TO RAINFALL EVENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL FINES FOR VIOLATIONS REGARDING EROSION CONTROL.
6. CONTRACTOR SHALL ENSURE THAT ALL LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS ARE PREVENTED FROM BECOMING POLLUTANT SOURCES.
7. OFF-SITE MATERIAL STORAGE AREAS USED SOLELY FOR THIS PROJECT, INCLUDING FILL STOCKPILES AND BORROW AREAS (AS APPLICABLE), MUST BE PREVENTED FROM BECOMING POLLUTANT SOURCES BY INSTALLATION OF BMP'S.
8. CONTRACTOR SHALL INSPECT ACCESSIBLE DISCHARGE LOCATIONS IN ORDER TO VERIFY THAT EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING DRAINAGE SYSTEM.
9. CONTRACTOR SHALL IDENTIFY ALL SOURCES OF ALLOWABLE NON-STORM WATER THAT WILL BE COMBINED WITH STORM WATER AT THE SITE AND ENSURE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR NON-STORM WATER COMPONENTS OF DISCHARGE.
10. EROSION CONTROL FACILITIES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL FACILITIES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL A MATURE COVERING OF HEALTHY VEGETATION HAS BEEN ESTABLISHED OVER THE ENTIRE AREA.
11. AT THE END OF CONSTRUCTION, CONTRACTOR SHALL REMOVE SCMs IN ADDITION TO ALL SEDIMENT AND TRASH THAT MAY HAVE BEEN DEPOSITED IN NEW AND EXISTING PIPES, STRUCTURES, AND BMPS.

CONCRETE WASHOUT FACILITY AND WASTE MANAGEMENT NOTES:

1. CONCRETE WASTE MANAGEMENT REQUIREMENTS SHALL APPLY TO ALL CONSTRUCTION SITES WITH CONCRETE WORK. THIS INCLUDES THE USE OF CONCRETE DELIVERED BY TRUCK OR OTHER CONCRETE COATED EQUIPMENT, MORTAR-MIXING STATIONS, OR WHERE CONCRETE DUST, DEBRIS, OR SLURRY IS CREATED BY EITHER CONSTRUCTION OR DEMOLITION. CONCRETE WASTE MANAGEMENT PRACTICES SHALL ALSO APPLY TO ANY OPERATOR OF A VEHICLE USED TO DELIVER OR APPLY CONCRETE PRODUCTS.
   - 1.1. ALL CONSTRUCTION SITES SHALL PROVIDE AND IDENTIFY A REASONABLE CONCRETE WASHOUT FACILITY FOR THE USE OF THOSE PROVIDING CONCRETE OR CONCRETE-RELATED SERVICES ON THE SITE OR PROVIDE FOR THE REMOVAL OF CONCRETE WASTE.
   - 1.2. IN SOME CASES, PARTICULARLY IN THE CASE OF A RENOVATION OF A SINGLE STRUCTURE, THE CONCRETE PROVIDER IS EXPECTED TO DISPOSE OF OR WASHOUT ANY EXCESS CONCRETE OR DEBRIS IN A MANNER CONSISTENT WITH THIS SECTION EVEN IF THE SITE DOES NOT LEND ITSELF TO A SEPARATE WASHOUT FACILITY.
2. DESIGN CRITERIA. PROVIDE A MINIMUM OF SIX CUBIC FEET OF CONTAINMENT VOLUME FOR EVERY TEN CUBIC YARDS OF CONCRETE TO BE POURED. THERE MUST BE A MINIMUM FREEBOARD OF SIX INCHES FOR THOSE FACILITIES BUILT ABOVE THE GROUND OR A MINIMUM OF 12 INCHES FOR THOSE BUILT BELOW GRADE. PREFABRICATED WASHOUT FACILITIES ARE ALLOWED SO LONG AS THEY MEET THE CRITERIA OF TEMPORARY FACILITIES IN TERMS OF CAPACITY, PROTECTION FROM RUNOFF AND CLEAN OUT REQUIREMENTS. ALL WASHOUT AREAS MUST:
   - 2.1. BE LOCATED AS FAR AWAY FROM STORM DRAINS, DITCHES, OR OTHER BODIES OF WATER AS IS PRACTICAL.
   - 2.2. PROVIDE ALL-WEATHER ACCESS WITH SUFFICIENT CONTROLS TO KEEP MUD OR DEBRIS FROM THE STREETS SURROUNDING THE FACILITY.
   - 2.3. PHYSICALLY RESTRICT ALL RUNOFF FROM THE AREA BY CONSTRUCTION OF TEMPORARY PIT OR BERMED AREA OF SUFFICIENT SIZE. ARTIFICIAL BERMS MAY BE CREATED FROM STRAW BALES OR SAND BAGS SO LONG AS THE SAME IS STAKED AND IS DOUBLE OR TRIPLE-LINED WITH POLYETHYLENE SHEETING OF SUFFICIENT THICKNESS AND WITHOUT HOLES OR TEARS.
   - 2.4. BE CLEARLY MARKED BY SIGNAGE.
   - 2.5. BE LINED WITH POLYETHYLENE SHEETING OF SUFFICIENT THICKNESS AND WHICH IS FREE FROM HOLES, TEARS, OR DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
3. MAINTENANCE REQUIREMENTS: THE WASHOUT PIT SHALL BE CLEANED AND MAINTAINED ON A REGULAR BASIS.
   - 3.1. THE FACILITY MUST BE REMOVED OR CLEANED OUT WHEN THE FACILITY IS NO LONGER REQUIRED FOR WORK IN THE AREA OR WHEN THE FACILITY IS AT 75 PERCENT CAPACITY.
   - 3.2. TO REMOVE OR CLEAN THE FACILITY, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF MATERIALS USED TO CONSTRUCT THE TEMPORARY FACILITY MUST ALSO BE REMOVED AND DISPOSED OF WHEN THEY ARE NO LONGER SUITABLE FOR USE OR NO LONGER NEEDED.
   - 3.3. ANY HOLES OR DEPRESSIONS CAUSED BY A TEMPORARY WASHOUT FACILITY SHOULD BE BACKFILLED AND REPAIRED AND THE SOIL SHALL BE STABILIZED.
   - 3.4. IF ANY LIQUID OR OTHER CONTAMINANT IS FOUND OUTSIDE THE WASHOUT FACILITY IT SHALL BE CLEANED UP IMMEDIATELY.
   - 3.5. ALL CONCRETE WASTE MATERIAL MUST BE PROPERLY DISPOSED OF.



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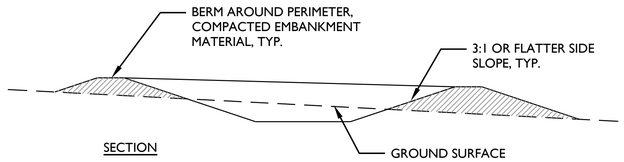


SECTION

4 CONCRETE WASHOUT FACILITY

L1.02 NTS

TEMPORARY SILT FENCING NOTES:

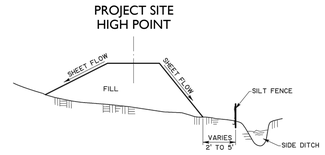
1. THE GEOTEXTILE FABRIC SHALL BE PLACED IN THE EXCAVATED TRENCH, BACKFILLED, AND COMPACTED TO THE EXISTING GROUND SURFACE.

2. WOODEN SUPPORT POSTS SHALL BE A MINIMUM DIMENSION OF 1-1/8" x 1-1/8" AIR OR KILN DRIED OF HICKORY OR OAK AND 4 FEET LONG. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAL FOOT AND 5 FEET LONG. POST SPACING SHALL BE A MAXIMUM OF 8 TO 10 FEET.

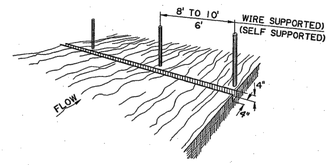
3. THE GEOTEXTILE FABRIC SHALL BE ATTACHED DIRECTLY TO THE UPSLOPE SIDE OF WOODEN POSTS WITH 0.5 INCH STAPLES IN AT LEAST 3 PLACES, OR WITH WOODEN LATH AND NAILS. ATTACHMENT TO STEEL POSTS WILL BE BY WIRE FASTENERS OR 50 POUND PLASTIC TIE STRAPS ON THE UPSLOPE SIDE.

4. THE SILT FENCE SHALL BE INSPECTED AT 7 DAY INTERVALS AND AFTER ALL 1/2" RAINFALL EVENTS.

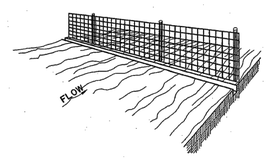
5. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED.



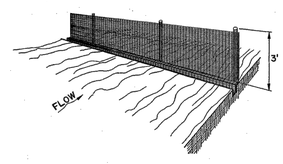
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



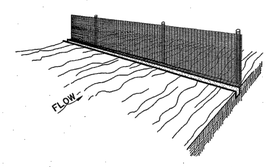
2. STAPLE WIRE FENCING TO THE POSTS.



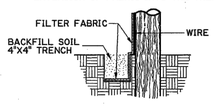
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL.



EXTENSION OF FABRIC INTO THE TRENCH.



1 TEMPORARY SILT FENCING

L1.02 NTS

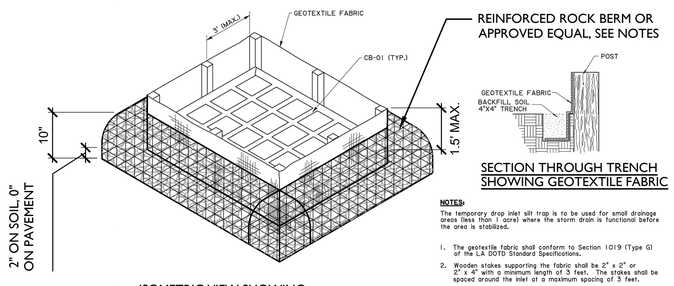
REINFORCED ROCK BERM NOTES:

1. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES).

2. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE". ROLL WIDTH SHALL BE 48-INCHES.

3. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6-INCH CENTERS ALONG ALL JOINTS AND AT 2-INCH CENTERS ON ENDS OF BERM.

4. REINFORCED ROCK BERM SHALL BE CONSTRUCTED IN ONE PIECE.



ISOMETRIC VIEW SHOWING DROP INLET SILT TRAP

SECTION THROUGH TRENCH SHOWING GEOTEXTILE FABRIC

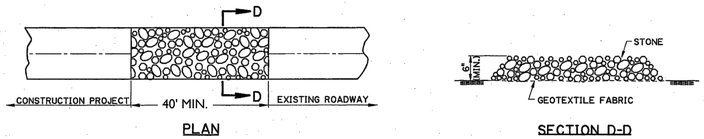
NOTES:

The temporary drop inlet silt trap is to be used for small drainage areas (less than 1 acre) where the storm drain is functional before the area is stabilized.

1. The geotextile fabric shall conform to Section 1019 (Type G) of the LA DOTD Standard Specifications.
2. Wooden stakes supporting the fabric shall be 2" x 2" or 2" x 4" with a minimum length of 3 feet. The stakes shall be spaced around the inlet at a maximum spacing of 3 feet.
3. The height of the fabric above the inlet shall be limited to 1.5' and the bottom of the fabric shall be buried in a trench approximately 4" wide by 4" deep. The fabric shall be stapled to the post with ½" staples.
4. The trap should be inspected regularly and after each storm. The sediment should be removed and make sure each stake is firmly in the ground.

3 TEMPORARY DROP INLET SILT TRAP

L1.02 NTS



PLAN

SECTION D-D

NOTES:

TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
3. THE LENGTH OF THE PAD MUST BE A LEAST 40 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

2 TEMPORARY STONE CONSTRUCTION ENTRANCE

L1.02 NTS

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Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
No. 06 @ 2540 LICENSED LANDSCAPE ARCHITECT

11/26/2019

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EROSION CONTROL DETAILS

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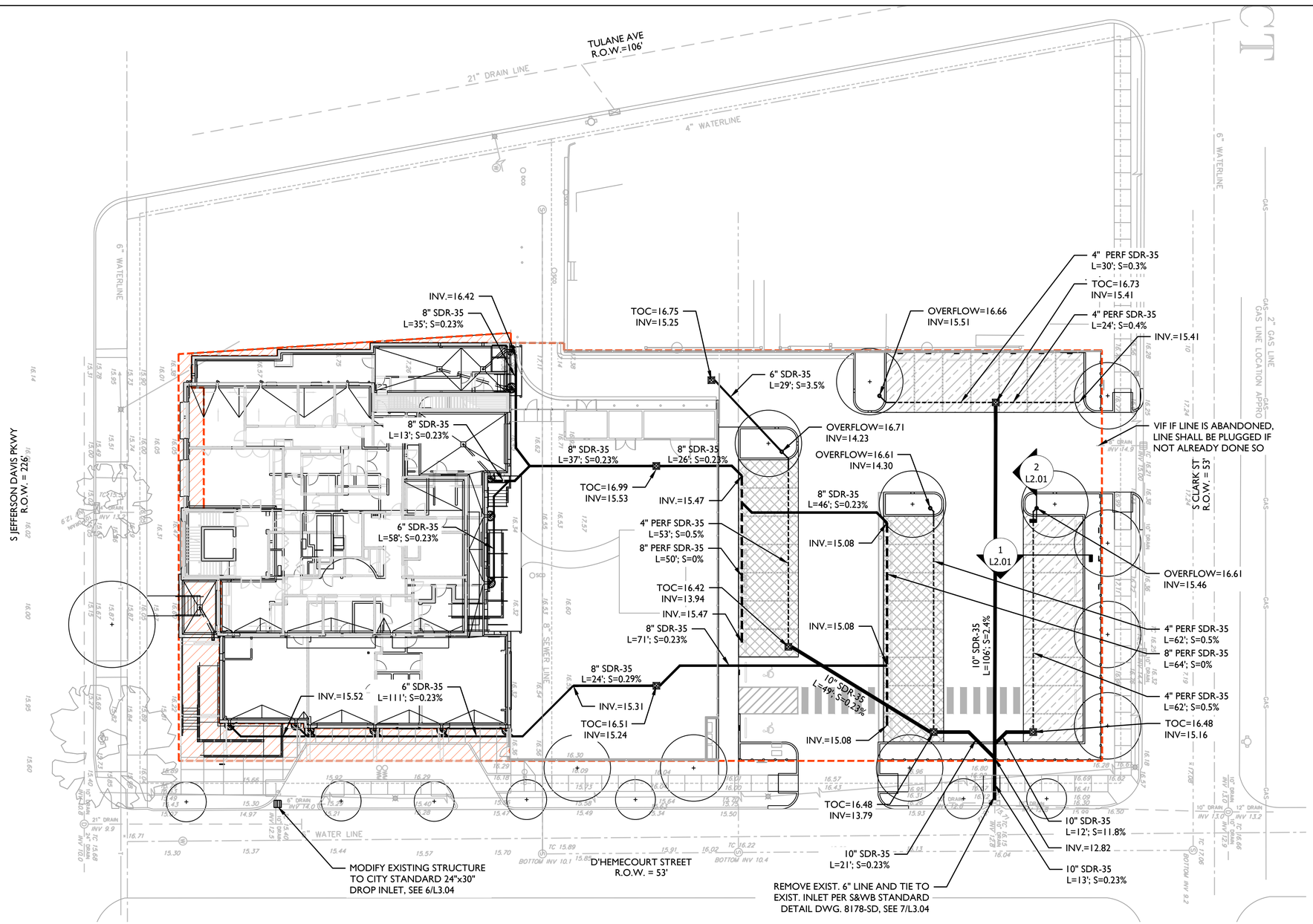
L1.02



1 L2.00 PROPOSED SITE AND DRAINAGE PLAN

1" = 10'-0"

LEGEND

- PROPOSED DRAINAGE AREA 1
- PROPOSED DRAINAGE AREA 2 TO BYPASS
- BMP - PERMEABLE PAVERS, PROFILE TYPE A, SEE 1A/L2.01
- BMP - PERMEABLE PAVERS, PROFILE TYPE B, SEE 1B/L2.01
- SOLID DRAIN LINE, SIZE AND TYPE VARIES
- PERFORATED DRAIN LINE, SIZE AND TYPE VARIES
- BOOTED DOWNSPOUT, SEE NOTE #2
- SURFACE FLOW
- PRE-CAST DROP INLET, SEE 5/L3.04
- DOME OVERFLOW DRAIN, SEE 2/L2.01

NOTES

1. ACCORDING TO USDA NRCS, THE SOIL ON SITE IS DEFINED AS SCHRIEVER CLAY (Sk) WHICH IS ACCOUNTED AS HYDROLOGIC SOIL GROUP D.
2. ALL BOOTED DOWNSPOUTS TO HAVE BACK-FLOWER PREVENTION, SEE 4/L2.01.
3. SUBGRADE SHALL SLOPE AT .5% MINIMUM TO UNDERDRAINS.
4. PERFORATED PIPE SHALL CONFORM TO ASTM C2729 AND HAVE 3 PERFORATION ROWS WITH 60° - 60° CIRCUMFERENTIAL HOLE SPACING, 5.000 IN. LONGITUDINAL HOLE SPACING, AND .5000 IN. HOLE DIAMETER.
5. ALL BMP COMPONENTS INCLUDING PERMEABLE PAVERS, GRAVEL BASE, AND PIPING SHALL BE PROTECTED FROM SEDIMENT INTRUSION DURING CONSTRUCTION, SEE CIVIL FOR EROSION CONTROL PLAN, TO BE EXECUTED PRIOR TO START OF CONSTRUCTION.
6. BMPS, PIPES, AND ENTIRE STORMWATER SYSTEM SHALL BE INSPECTED, FULLY CLEANED, AND FLUSHED OUT OF ALL DEBRIS AND SEDIMENT PRIOR TO OBTAINING A CERTIFICATE OF OCCUPANCY AS REQUIRED BY CITY.

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BID DOCUMENTS

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STATE OF LOUISIANA
KENNETH MICHAELS
No. 000 of 2540 LICENSED
LANDSCAPE ARCHITECT

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PROPOSED SITE AND DRAINAGE PLAN

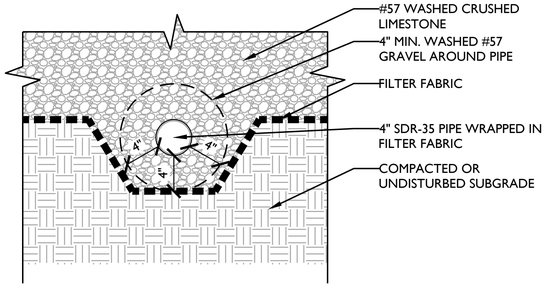
Sheet
L2.00

BID DOCUMENTS

NOTES

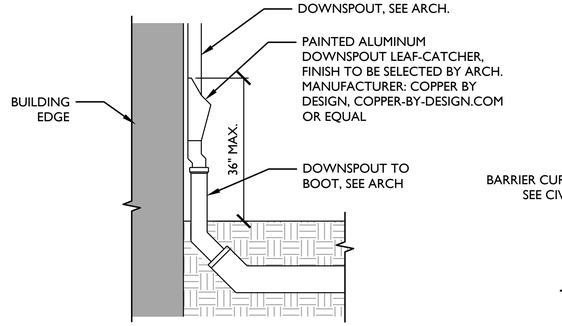
1. RAIN GARDEN SOIL MIX (02900) CONSISTS OF:
   - 40% MANUFACTURED TOPSOIL
   - 20% BLACK BARK MULCH
   - 40% PUMP SAND
   - WEIGHT OF 8-8-8 SLOW-RELEASE FERTILIZER PER 1,000 SF: 8 LBS.
2. PERMEABILITY SHALL CONFORM TO STANDARDS SET FORTH IN ANSI C1701. ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.

NOTE: UNDERDRAIN SLOPED TO STORM DRAIN. (MIN. SLOPE .23%)



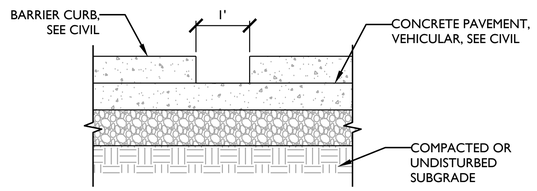
5 DETAIL OF UNDERDRAIN, TYP.

5 L2.01 1-1/2" = 1'-0"



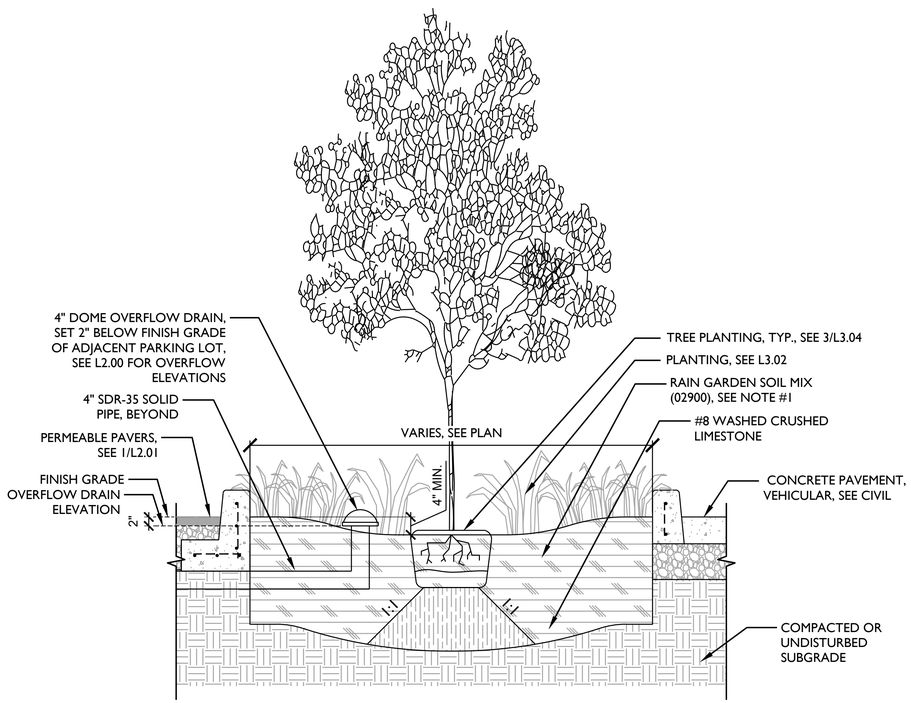
4 BOOTED DOWNSPOUT OVERFLOW PREVENTION

4 L2.01 3/4" = 1'-0"



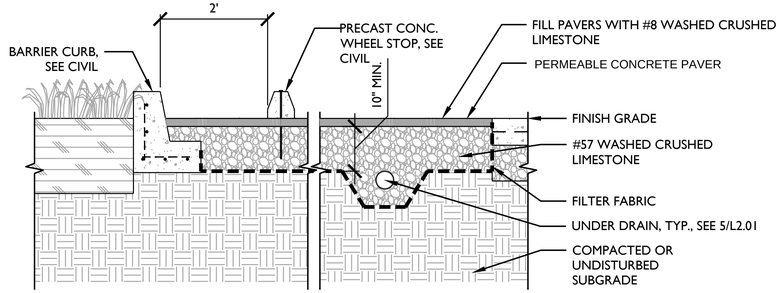
3 CURB CUT

3 L2.01 3/4" = 1'-0"

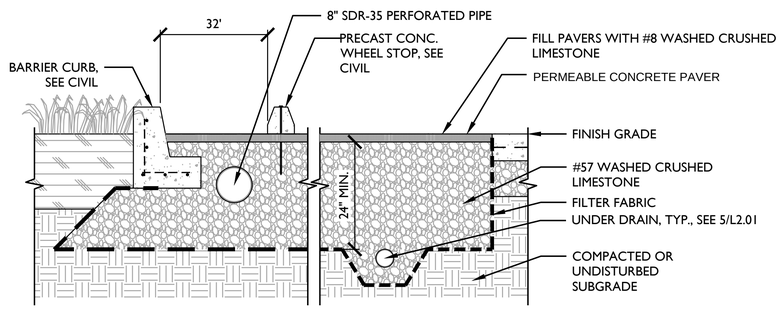


2 SECTION THROUGH PARKING LOT ISLAND, TYP.

2 L2.01 3/4" = 1'-0"

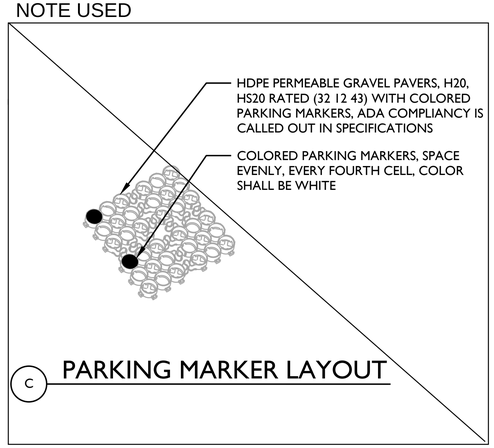


B PROFILE TYPE B



A PROFILE TYPE A

NOTE USED



C PARKING MARKER LAYOUT

1 SECTION THROUGH PERMEABLE PAVERS, TYP.

1 L2.01 3/4" = 1'-0"

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Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
No. 000 ID 2540 LICENSED LANDSCAPE ARCHITECT
11/26/2019

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GREEN INFRASTRUCTURE DETAILS

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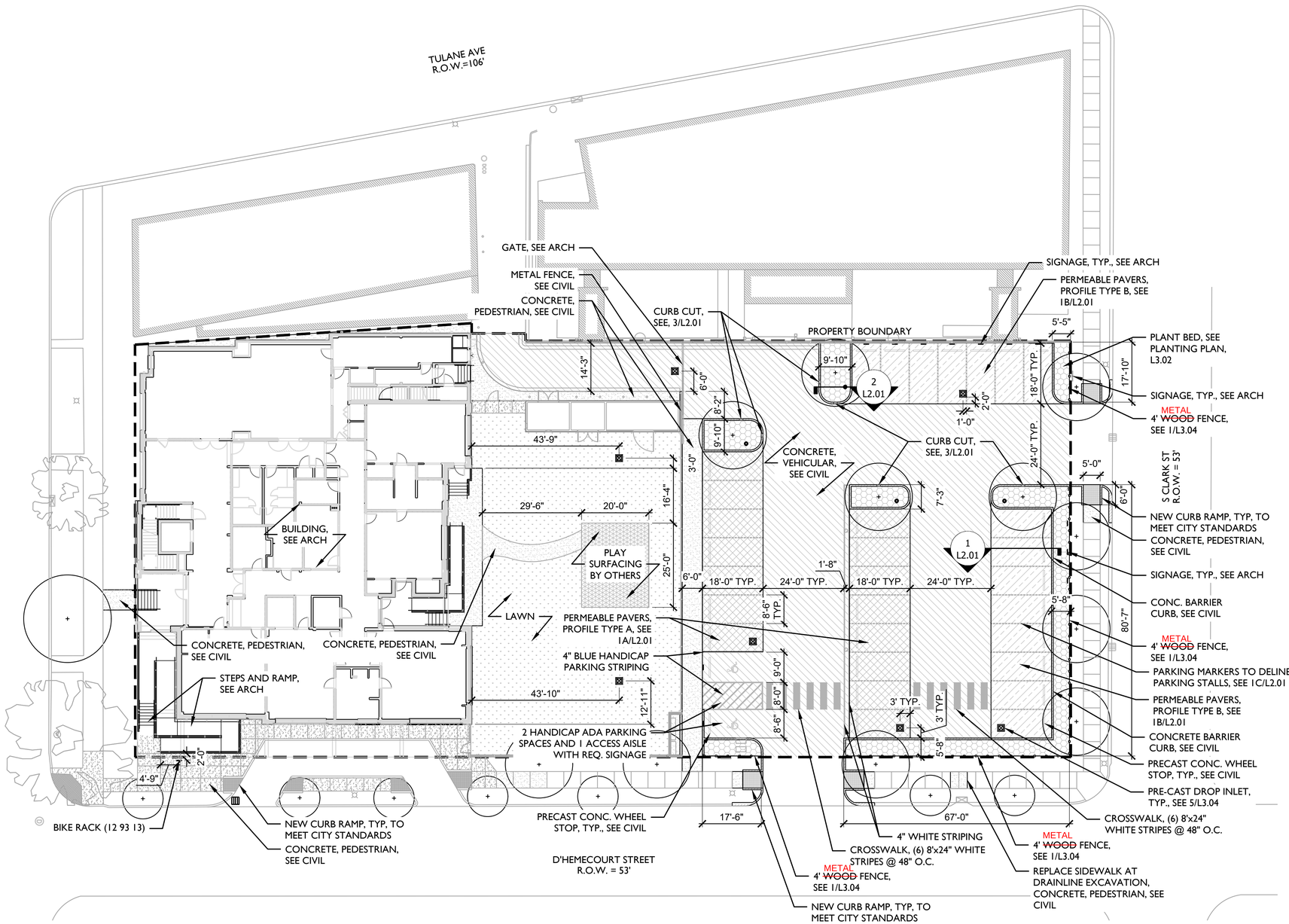

1 L3.00 — PROPOSED LANDSCAPE PLAN

1" = 10'-0"

LEGEND	
▬ ▬	PROPERTY BOUNDARY
⊠	PRE-CAST DROP INLET, SEE 5/L3.04
⊙	DOME OVERFLOW DRAIN, SEE 2/L2.01

NOTES

1. SEE L3.03 FOR PLANTING SCHEDULE.
2. SEE SHEET A-0.06 FOR ALTERNATES

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SOME INTERACTIVE PRESENTING SOFTWARE/APPS/WEB DATA MAY CONT

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PROPOSED LANDSCAPE PLAN

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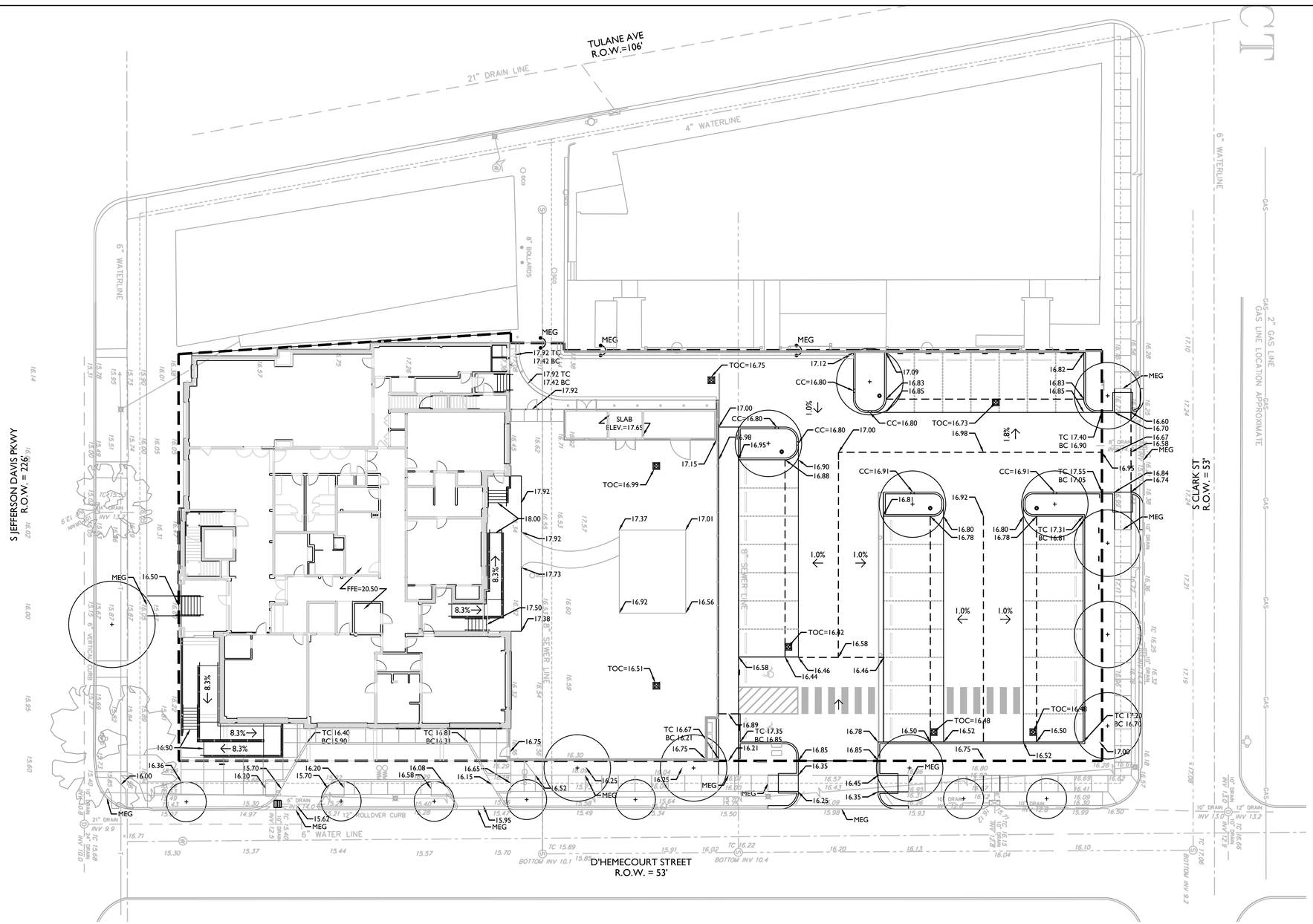
L3.00



PROPOSED GRADING PLAN

L3.00 1" = 10'-0"

LEGEND

— —	PROPERTY BOUNDARY
⊠	PRE-CAST DROP INLET, SEE 5/L3.04
⊙	DOME OVERFLOW DRAIN, SEE 2/L2.01
XX.XX	SPOT ELEVATION
X.X% →	SLOPE
MEG	MEET EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
CC	CURB CUT
TOC	TOP OF COVER

NOTES

1. SEE L2.00 FOR DRAINAGE PLAN AND DRAIN INVERT ELEVATIONS.
2. SEE SHEET A-0.06 FOR ALTERNATES

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GRADING PLAN

Sheet
L3.01

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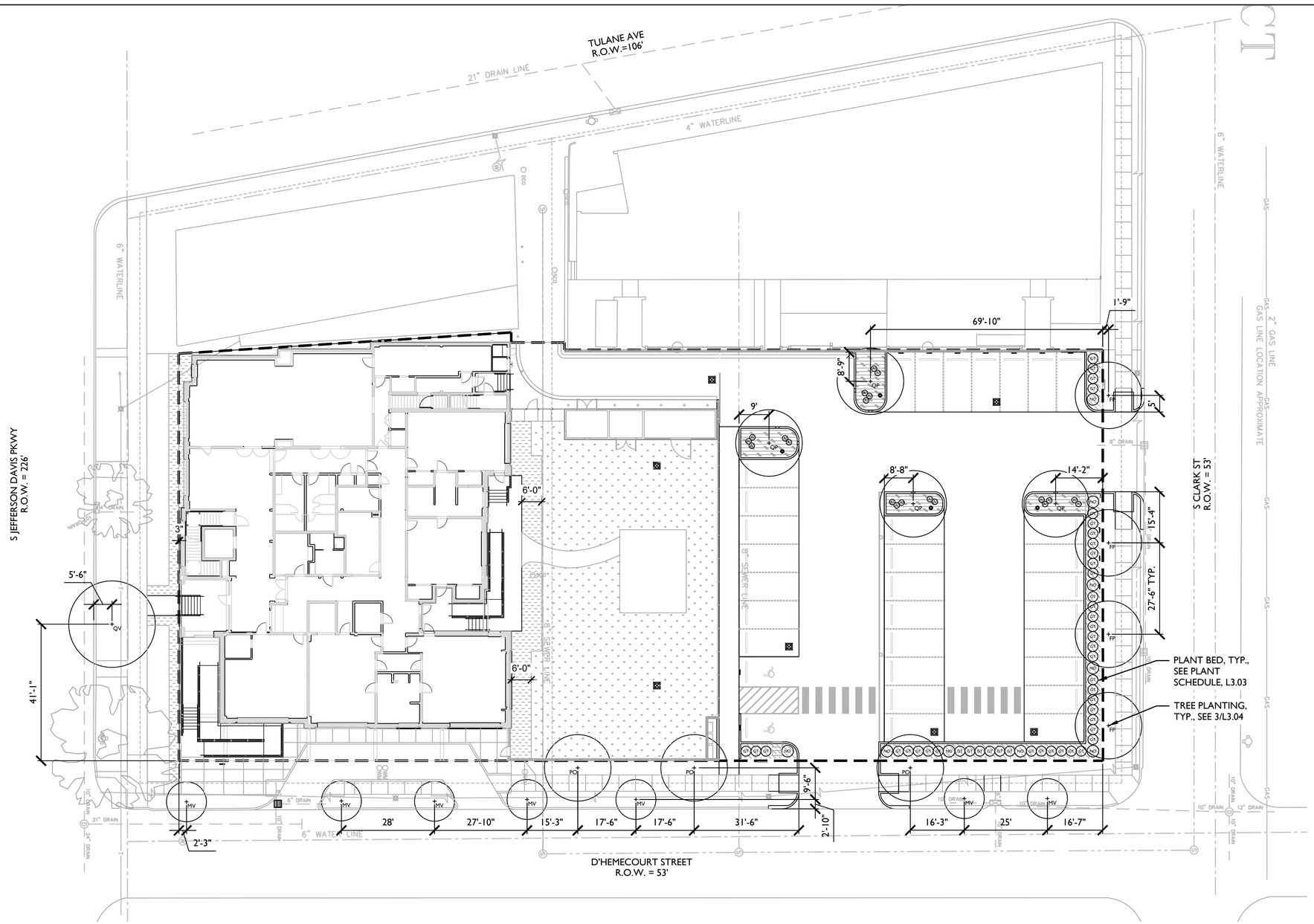

PLANTING PLAN

L3.02 1" = 10'-0"

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No. 000.08.2540.10.001
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PLANTING PLAN

Sheet
L3.02

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PLANT SCHEDULE (02900)						
TREES						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE		NOTES
FP	GREEN ASH	*Fraxinus pennslyvanica*	4	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
MV	SWEET BAY MAGNOLIA	*Magnolia virginiana*	7	3" CAL.		SINGLE STEM; MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
PO	AMERICAN SYCAMORE	*Platanus occidentalis*	3	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
QP	WILLOW OAK	*Quercus phellos*	4	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
QV	LIVE OAK	*Quercus virginiana*	1	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER

PLANT SCHEDULE (02900)						
SHRUBS AND PERENNIALS						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE	SPACING	NOTES
AI	SWAMP MILKWEED	*Asclepias incarnata*	20	2.5 GAL	REF PLAN	SHALL BE LIGHT PINK
GT	GEORGE L. TABOR AZALEA	*Azalea indica* 'George L. Tabor'	45	3 GAL	REF PLAN	36" HEIGHT MIN., FLOWER COLOR SHALL BE LIGHT PINK
NO	PETITE WHITE OLEANDER	*Nerium oleander* 'Petite White'	9	3 GAL	REF PLAN	36" HEIGHT MIN., FLOWER COLOR SHALL BE WHITE

PLANT SCHEDULE (02900 AND 02920)						
GROUNDCOVER						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE	SPACING	NOTES
	PINK MUHLY GRASS	*Muhlenbergia capillaris*	507 SF	1 GAL	18" O.C.	TRIANGULAR SPACING
	CREEPING LIRIOPE	*Liriope spicata*	780 SF	4 IN POT	18" O.C.	TRIANGULAR SPACING
	LAWN - SODDED	*Cynodon dactylon*	1,130 SF	SOD		
	LAWN - SEEDED	*Cynodon dactylon*	4,565 SF	HYDROSEED		
	3" PINE STRAW MULCH		2,237 SF			ALL PLANT BEDS AND 4' RADIUS AROUND ALL TREES

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PLANT SCHEDULE

Sheet
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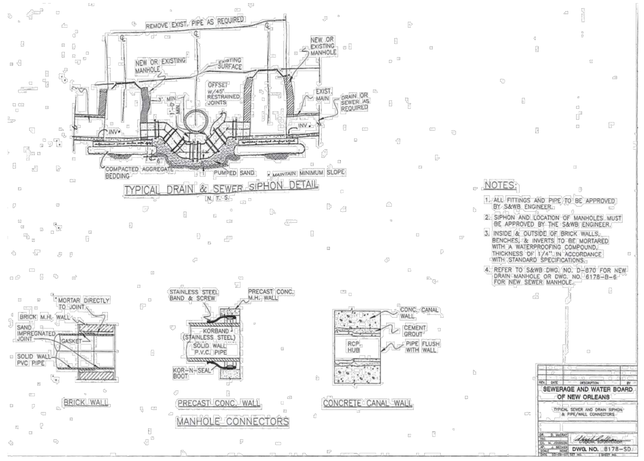
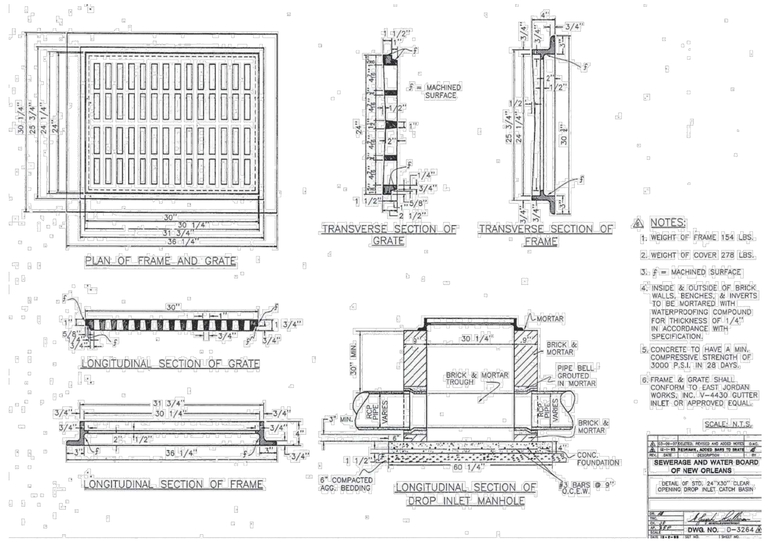


7 L3.04 S&WB STANDARD DETAIL DWG. NO. 8178-SD

NTS



6 L3.04 CITY STANDARD 24"x30" DROP INLET, TYP.

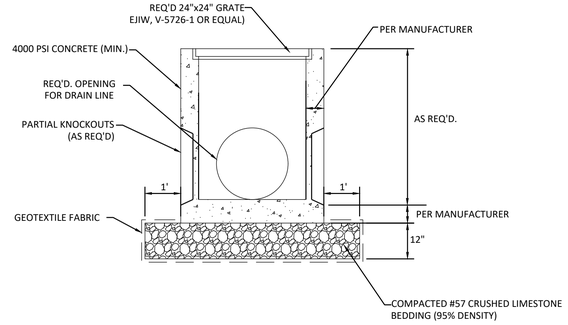
NTS

NOTES:

1. MATERIALS & FEATURES
   - CONCRETE: 4,000 PSI IN 28 DAYS.
   - REINFORCING STEEL: PER ASTM A-615, GRADE 60.
   - REINFORCING TO MEET AASHTO HS 20-44 LOADING.
   - PRECAST STRUCTURE TO MEET ASTM C-857-92
   - JOINT SEALANT: RAM-NEK GASKET MATERIAL.

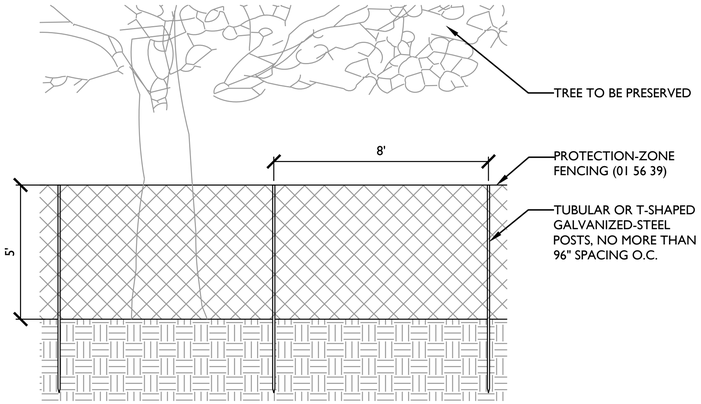
2. PRE-CAST CATCH BASINS SHALL BE AS MANUFACTURED BY HANSON OR EQUAL.

3. CONTRACTOR SHALL USE 24" ROUND SOLID TOP MARKED "DRAIN" WITH FRAME IN ACCORDANCE WITH ASTM A-48, CLASS 30 FOR GRAY CASTINGS FOR REQUIRED DRAINAGE MANHOLE.



5 L3.04 PRE-CAST DROP INLET

NTS



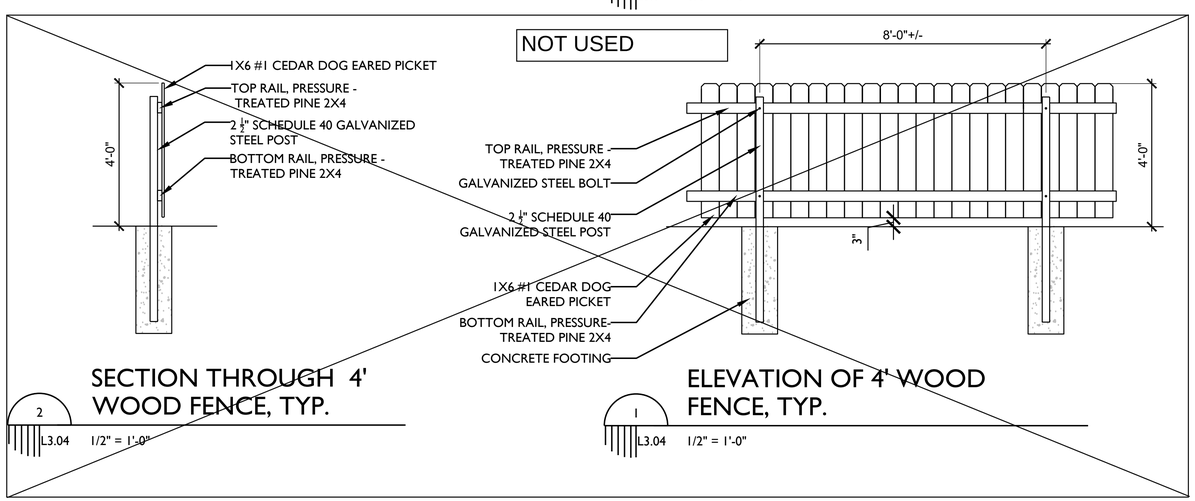
4 L3.04 TREE PROTECTION FENCING, TYP.

3/8" = 1'-0"

3 L3.04 TREE PLANTING, TYP.

1/2" = 1'-0"

SEE 1/A2.01.1 FOR PARKING LOT FENCE DETAILS



2 L3.04 SECTION THROUGH 4' WOOD FENCE, TYP.

1/2" = 1'-0"

1 L3.04 ELEVATION OF 4' WOOD FENCE, TYP.

1/2" = 1'-0"

SPACKMAN MOSSOP AND MICHAELS

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STATE OF LOUISIANA
KENNETH MICHAELS
No. 918
LICENSED LANDSCAPE ARCHITECT

11/26/2019

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SITE DETAILS

Sheet
L3.04

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GENERAL NOTES

1. ALL WORK MUST CONFORM TO THE REQUIREMENTS OF THE CITY OF NEW ORLEANS, THE LA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.

2. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CAREFULLY VERIFY SAME AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES.

3. DAMAGES TO EXISTING STREETS, DRAINAGE, OTHER UTILITY STRUCTURES, AND RESIDENT PROPERTIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR TO ORIGINAL AND/OR BETTER CONDITIONS TO THE SATISFACTION OF THE OWNERS.

4. CONTRACTOR SHALL DEVELOP A TREE PRESERVATION PLAN PER LANDSCAPE SPECIFICATIONS AND SUBMIT TO CITY OF NEW ORLEANS DEPARTMENT OF PARKS AND PARKWAYS FOR APPROVAL PRIOR TO CONSTRUCTION. WORK AROUND EXISTING TREES SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPROVED PLAN AND DAMAGE REMEDIATION SHALL BE PERFORMED TO THE SATISFACTION OF THE DEPARTMENT OF PARKS AND PARKWAYS.

5. PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL CONDITIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STATE AND PARISH RIGHTS-OF-WAY AND ALL SERVITUDES SHALL BE CLEARED OF ALL DEBRIS AND OBSTRUCTIONS.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN SERVICES, SUPPLYING MATERIALS, AND LABOR NECESSARY TO PROVIDE SHEETING, SHORING, AND BRACING OR SUPPORTS AS REQUIRED TO PROVIDE SAFE WORKING CONDITIONS FOR CONTRACTOR'S PERSONNEL AND TO PROVIDE FOR PROTECTION OF UTILITIES, BUILDINGS, LEVEES, AND STRUCTURES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THESE REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE SYSTEM TO WITHSTAND LATERAL PRESSURE. SHEET DESIGN AND INSTALLATION SHALL BE INCLUDED IN THE COST OF THE PIPE OR STRUCTURAL INSTALLATION.

7. CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE RE-GRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

8. ALL DRIVEWAYS DISRUPTED BY EXCAVATION SHALL BE RESTORED USING LIKE MATERIAL TO ORIGINAL OR BETTER CONDITION.

9. CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 24 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS. DRIVEWAYS AND STREETS SHALL NOT REMAIN CLOSED OVERNIGHT.

10. CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS PRIOR TO DISRUPTION OF WATER, SEWER OF OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF SERVICE OVERNIGHT.

11. CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS.

    A. CONTRACTOR SHALL PROVIDE ACCESS TO COMMERCIAL/INDUSTRIAL PROPERTIES AT ALL TIMES.
    B. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES VEHICULAR ACCESS SHALL BE PROVIDED AS DIRECTED BY ENGINEER. UPON APPROVAL BY ENGINEER, VEHICULAR ACCESS MAY BE LIMITED DURING PAVING OF DRIVEWAYS. CONTRACTOR SHALL CONTACT AND ADVISE ALL AFFECTED PROPERTY OWNERS.

13. CONTRACTOR SHALL COORDINATE AND PAY FOR THE DE-ENERGIZING AND RE-ENERGIZING OF POWER LINES FOR CONSTRUCTION PURPOSES AS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.

14. CONTRACTOR SHALL BRACE UTILITY POLES ADJACENT TO EXCAVATION. BRACING SHALL REMAIN IN PLACE AFTER BACKFILLING UNTIL COMPACTION STANDARDS HAVE BEEN MET. COMPLETE WORK PROMPTLY ONCE EXCAVATION HAS BEGUN ADJACENT TO POLES.

15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DIRECTLY WITH THE APPROPRIATE UTILITY COMPANIES TO HAVE THE UTILITIES RELOCATED.

16. BACKFILL ALL UTILITY CROSSINGS, EXCAVATION UNDER THE ROADWAY AND SHOULDER WITH GRANULAR MATERIAL.

17. PRIOR TO PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL VERIFY EXISTING INVERTS AND TIE-INS. IF DISCREPANCIES ARE FOUND, NOTIFY CIVIL ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED ADJUSTMENTS.

18. ALL ELEVATIONS REFER TO OWNER PROVIDED SURVEY.

19. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND ABIDING BY REQUIRED LA DEQ STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES.

PAVEMENT NOTES

1. IN AREAS TO RECEIVE PAVEMENTS, THE SUBGRADE SHALL BE EXCAVATED AND HAULED OFF TO A DEPTH NECESSARY TO REMOVE NON-STRUCTURAL FILL, ROOTS, ORGANICS AND OTHER DELETERIOUS MATERIALS. ALL EXCAVATION AND BACKFILL FOR PAVEMENT WORK SHALL EXTEND AT LEAST ONE (1) FOOT BEYOND FOOTPRINT OF PAVEMENT. THE AREA SHALL THEN BE PROOF ROLLED TO IDENTIFY ANY WEAK SPOTS PRIOR TO PLACING BASE COURSE. PROOF ROLLING SHALL OCCUR WITHIN 48 HOURS OF THE PLACEMENT OF FILL OVER EXISTING SUBGRADE.

2. ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACE WITH STRUCTURAL FILL THAT WILL COMPACT SATISFACTORILY. FILL SHALL BE PLACED IN 6-8 INCH LIFTS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698 (STANDARD PROCTOR). WHERE THE SUBGRADE IS OF NON-UNIFORM COMPACTED NATURE, IT SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 6 INCHES FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.

3. STRUCTURAL FILL SHALL CONSIST OF SELECT SAND FILL BEING NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING THE NO. 200 SIEVE (AASHTO A-3 OR BETTER).

4. BASE COURSE FOR CONCRETE PAVEMENT SHALL CONSIST OF 12 INCHES (MIN.) OF SELECT SAND FILL BEING NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING THE NO. 200 SIEVE (AASHTO A-3 OR BETTER). BASE COURSE FOR CONCRETE SIDEWALKS SHALL BE 6 INCHES THICK (MIN.) OF SAME SELECT SAND FILL.

5. BASE COURSE SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 6 INCHES IN THICKNESS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698 (STANDARD PROCTOR).

6. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE LSSRB FOR TYPE B CONCRETE AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI FOR 28 DAYS. CONCRETE FOR SIDEWALKS SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR 28 DAYS.

7. CONCRETE PAVEMENT FOR PARKING AND DRIVES SHALL HAVE A MEDIUM-TO-FINE-TEXTURED BROOM TYPE FINISH. CONCRETE SIDEWALKS SHALL HAVE A LIGHT BROOM-TEXTURED FINISH.

8. JOINT LAYOUT SHOWN ON DRAWINGS IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONCRETE PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION OR AS SHOWN ON THE PLANS.

9. PAVEMENT SHALL NOT BE OPENED TO TRAFFIC AFTER PLACEMENT UNTIL DESIGN STRENGTH IS MET WITHOUT THE APPROVAL OF THE ENGINEER.

10. ALL DRAINAGE AND SEWER STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE BOXED OUT WITH EXPANSION JOINTS.

11. NO CONCRETE SHALL BE POURED WITHOUT THE SERVICES OF THE TESTING LAB TECHNICIAN TO WITNESS THE POUR, MAKE SLUMP TESTS AND MAKE TEST CYLINDERS.

12. IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENTED CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION).

13. JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 1005.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION). THE SEALANT AND BACKER MATERIALS SHALL BE APPROVED PRODUCTS LISTED IN DOTD'S QUALIFIED PRODUCT LIST 67.

14. JOINTS ENDING AT CURVES SHALL BE CARRIED ONTO THE CURB AND PAVEMENT AT RIGHT ANGLES TO THE TANGENT AT THAT POINT.

15. AN APPROVED TESTING LABORATORY, SELECTED BY THE OWNER, SHALL BE RETAINED BY THE CONTRACTOR AND SHALL PROVIDE ALL REQUIRED TESTING. TEST REPORTS MUST BE FURNISHED TO THE ENGINEER AND CONTRACTOR.

16. CONTRACTOR SHALL PROVIDE MEANS FOR TEMPORARY DRAINAGE DURING CONSTRUCTION.

17. CONTRACTOR SHALL INSTALL CONCRETE SIDEWALK AT GRADES SHOWN AND SHALL COMPLY WITH ALL APPLICABLE ADA STANDARDS.

18. CONTRACTOR SHALL ADJUST GRADE BREAK LOCATIONS OF SIDEWALKS TO COINCIDE WITH NECESSARY JOINT SPACING AS LONG AS ADA REQUIREMENTS ARE MET.

19. CONTRACTOR SHALL BACKFILL AND GRADE BEHIND CONCRETE SIDEWALKS TO ALLOW FOR POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

SEWER AND WATER NOTES

1. GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE GASKET JOINT CONFORMING TO ASTM D3034 SDR 35. RUBBER GASKETS SHALL BE ASTM D1869.

2. WATERLINES 3 INCH DIA. AND SMALLER SHALL BE PVC CLASS 200 MEETING ASTM D2241 SPECIFICATION WITH BELL AND SPIGOT RUBBER GASKET JOINTS. FITTINGS SHALL BE PVC COMPATIBLE WITH PIPE.

3. PVC WATERLINES >3" SHALL BE POLYVINYL CHLORIDE GASKET JOINT CLASS 200 (SDR 26) TYPE 1, GRADE 1, ASTM D2241, WITH "FLUID TIGHT" COUPLINGS CONFORMING TO ASTM D1784. RUBBER GASKETS SHALL BE ASTM D1869. PE WATERLINES SHALL BE IN ACCORDANCE WITH AWWA, C906, DR11.

4. CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL FITTINGS, BENDS, TEES, AND DEAD ENDS ON ALL WATERLINES.

5. CONTRACTOR SHALL USE TRANSITIONAL COUPLING FOR PE TO PVC CONNECTIONS.

6. PARALLEL WATERLINES AND SEWERS (INCLUDING GRAVITY AND FORCE MAINS) SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN 10 FEET APART HORIZONTALLY. CROSSING WATER AND SEWER LINES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES. THE WATER LINE SHALL BE LAID HIGHER IN ELEVATION THAN THE SEWER LINE.

7. CONTRACTOR SHALL INSTALL RESTRAINED JOINT PIPE (20' MIN.) ON EACH SIDE OF ALL FITTINGS FOR WATERLINE.

8. BURIED VALVES, INCLUDING 2 INCH VALVES, SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISHED GRADE. BURIED VALVES SHALL HAVE AN AWWA OPERATING NUT AND A BOX COVER LABELED "WATER". EACH VALVE BOX SHALL HAVE A 24 INCH SQUARE OR 24 INCH ROUND BY 4 INCH THICK CONCRETE PAD, EITHER CAST IN PLACE OR PREFABRICATED AND ADJUSTED TO FINISHED GRADE.

9. WATER LINES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-601 AND APPROVED BY THE LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS BEFORE BEING PLACED INTO SERVICE.

10. BRASS FITTINGS SHALL BE MUELLER.

11. BLUE IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED SERVICE WATERLINES PROVIDING POTABLE WATER. RED IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED FIRE PROTECTION WATERLINE. IN ADDITION, ALL FIRE PROTECTION WATERLINE ABOVE GROUND SHALL BE PAINTED RED TO DISTINGUISH IT FROM POTABLE WATERLINE.

12. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ALL TIE-INS OF SERVICE LINES, METERS, ETC.

13. VERIFY EXACT LOCATIONS AND DETAILS OF FIRE DEPARTMENT CONNECTIONS WITH MECHANICAL DRAWINGS.

14. CONTRACTOR SHALL COORDINATE ALL UTILITY TIE-INS WITH NEW ORLEANS SEWER AND WATER BOARD.

REQUIRED TESTING SERVICES

THE FOLLOWING TESTING SERVICES SHALL BE PERFORMED BY AN INDEPENDENT TESTING COMPANY AS APPROVED BY THE ENGINEER/OWNER TO ENSURE CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. ALL FEES ASSOCIATED WITH REQUIRED TESTING SHALL BE PAID FOR DIRECTLY BY THE CONTRACTOR.

1. BASE COURSE/STRUCTURAL FILL:

    A. PICK-UP OF SAMPLES OF PROPOSED BASE COURSE MATERIALS, INCLUDING BEDDING AND BACKFILL MATERIAL FOR DRAINAGE PIPE AND STRUCTURES.
    B. IN-LAB GRADATION AND PROCTOR TESTING OF SAMPLES FOR CONFORMANCE WITH SPECIFICATIONS.
    C. IN-FIELD NUCLEAR DENSITY TESTING OF FILL (MIN. 4 TESTS PER 200 SQ. YDS. PER LIFT OF SECTION TO BE POURED).
    D. IN-FIELD NUCLEAR DENSITY TESTING OF DRAINAGE PIPE/STRUCTURE BEDDING AND BACKFILL (MIN. 1 TEST PER 250 LINEAR FEET PER LIFT OF EACH MATERIAL).

2. CONCRETE PAVEMENT:

    A. REVIEW OF ALL CONCRETE MIX DESIGNS PROPOSED FOR USE ON PROJECT.
    B. OBTAINING AND TESTING ONE (1) SET OF CYLINDERS (4 PER SET) FOR EACH 50 CU. YDS. OR PORTION THEREOF PER DAY. ONE (1) CYLINDER SHALL BE BROKEN AT SEVEN (7) DAYS AND THE OTHER TWO (2) SHALL BE BROKEN AT TWENTY-EIGHT (28) DAYS. ONE (1) CYLINDER SHALL BE KEPT IN RESERVE.

3. ANY OTHER TESTS SPECIFIED ON DRAWINGS OR SPECIFICATIONS AND AS DIRECTED BY ENGINEER TO ENSURE CONFORMANCE WITH PLANS AND SPECIFICATIONS.

BID DOCUMENTS

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Address 1
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STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
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Civil Construction Notes

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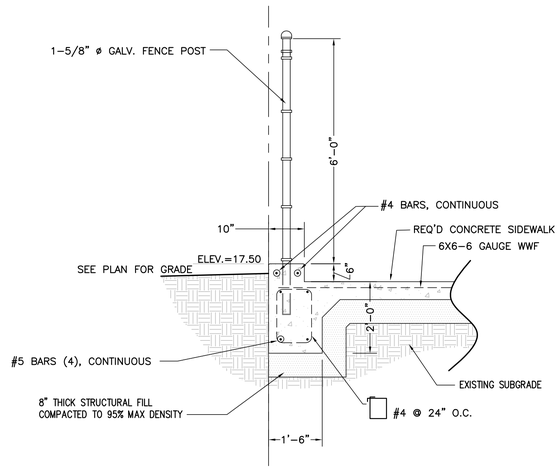

A C-1.0 FENCE BASE SECTION

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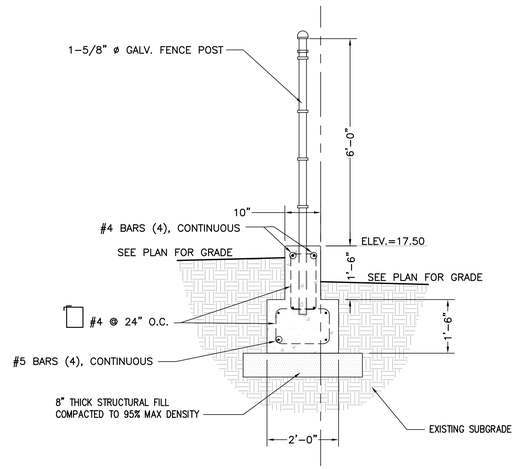
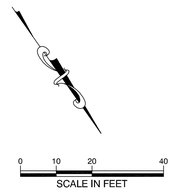


B C-1.0 FENCE BASE SECTION

SCALE: N.T.S.

SEE 10/A1.02B FOR PLAYGROUND FENCE DETAILS



LEGEND:

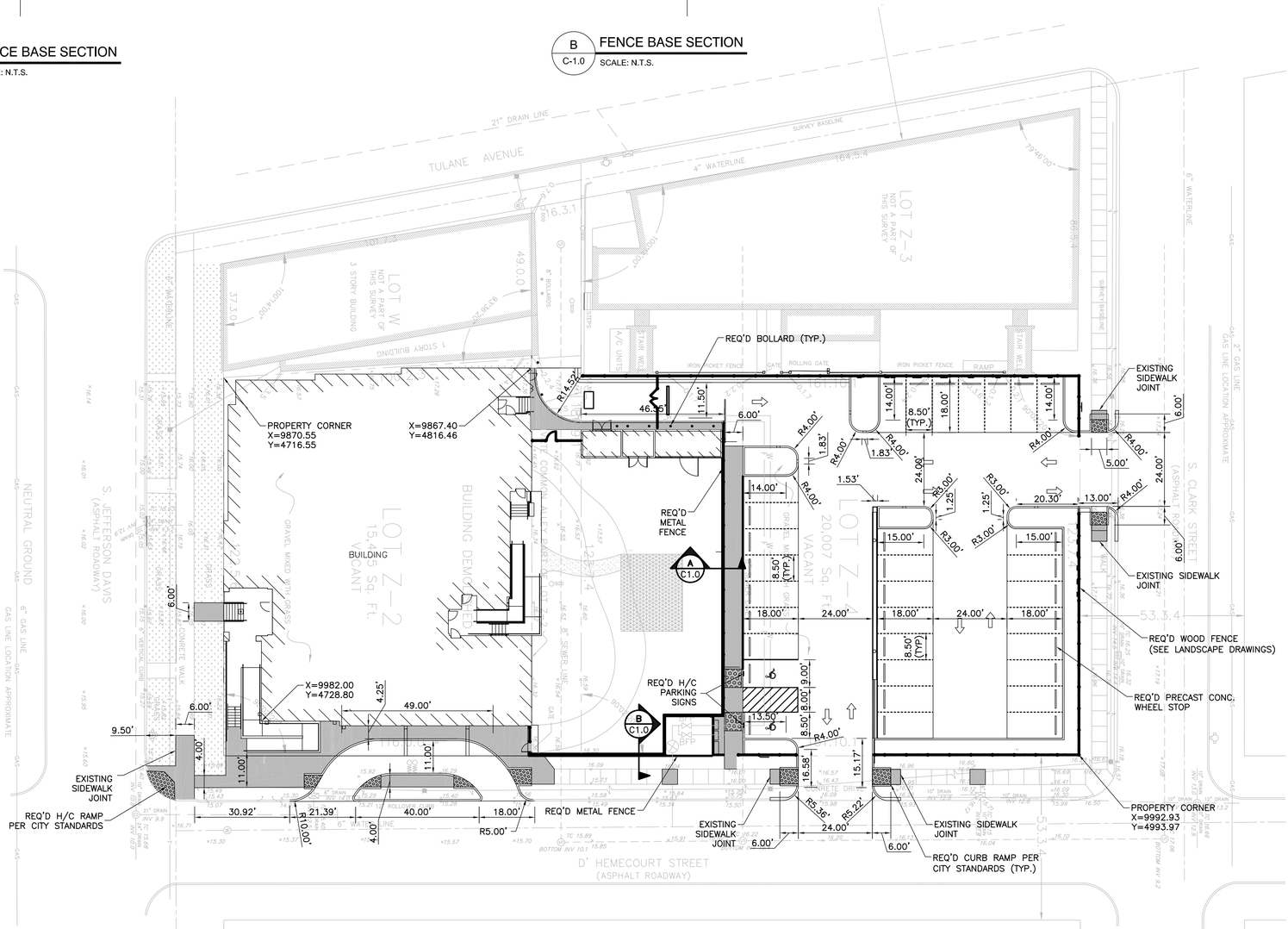
PROPERTY LINE

6" BARRIER CURB

TURN–DOWN FOOTING (SIDEWALK)

NOTE:

ALL DISTANCES SHOWN HEREON ARE MEASURED FROM THE FACE OF CURB OR EDGE OF PAVEMENT (WHERE NO CURB).



1 C1.0 Geometric Plan

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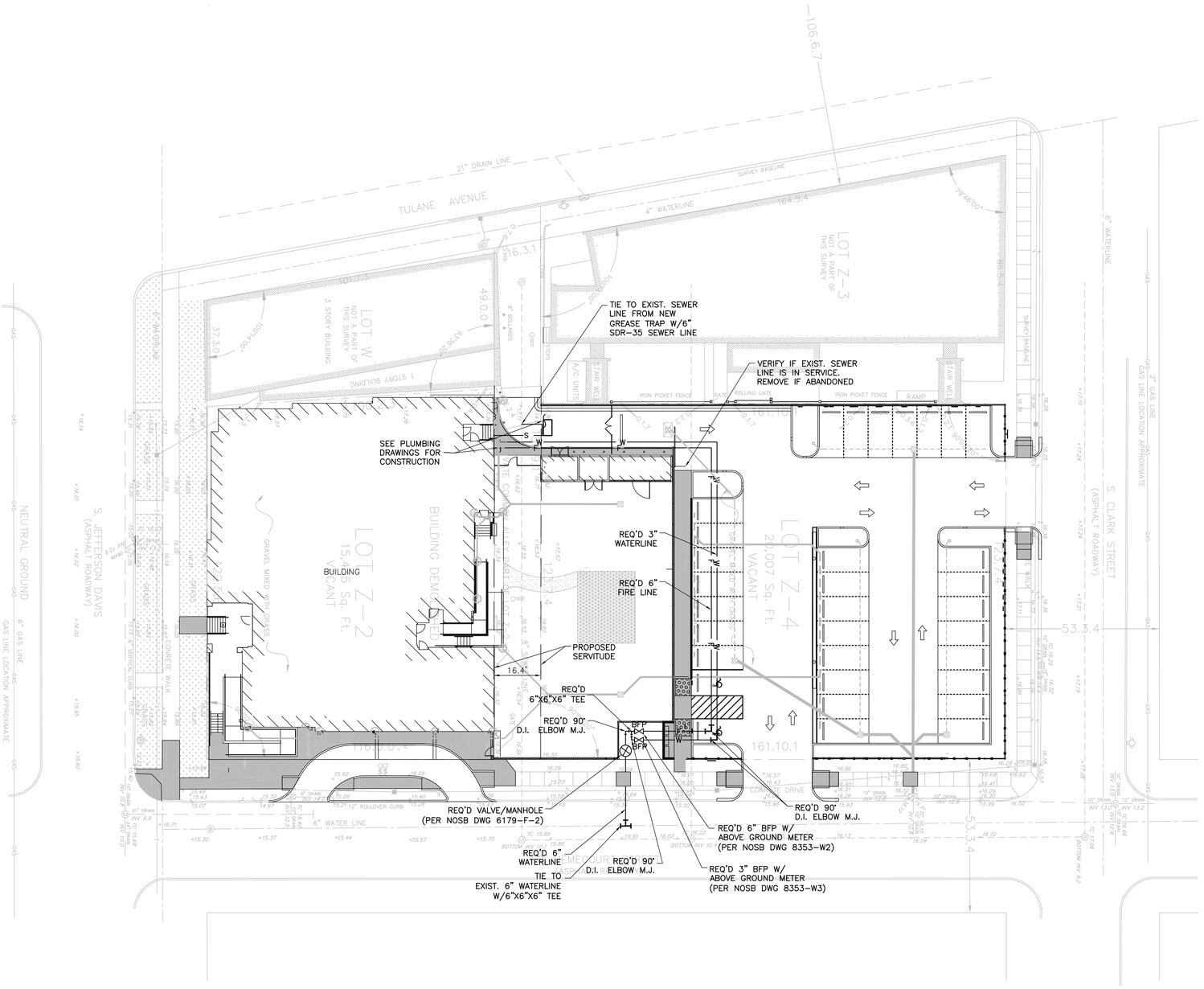

1 Utility Plan
C-4.0

0 10 20 40
SCALE IN FEET

LEGEND:

- PROPERTY LINE
- W — REQ'D WATER LINE
- S — REQ'D SEWER LINE
- EXIST. UTILITY LINE
- (S) SEWER MANHOLE
- BFP REQ'D BACKFLOW PREVENTER
- (M) REQ'D WATER METER

NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS.
2. CONTRACTOR TO ARRANGE FOR AND PAY ALL REQUIRED FEES FOR UTILITY SERVICE CONNECTIONS.
3. CONTRACTOR SHALL DEFLECT PROPOSED WATERLINE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS OR OFFSET WATERLINE WHERE IN CONFLICT WITH PROPOSED DRAIN LINE/SEWER.
4. DRAINAGE SHOWN FOR GENERAL COORDINATION. SEE SHEET L2.00 FOR SPECIFIC INFORMATION.
5. CONTRACTOR SHALL COORDINATE WITH MECH. / ELEC. DRAWINGS AND ADJUST UTILITIES AS NECESSARY.
6. ALL BACKFLOW PREVENTERS SHALL BE PROPERLY INSULATED TO PROTECT AGAINST FREEZING.
7. REFER TO SHEETS C-6.0 AND C-7.0 FOR SEWER AND WATER DETAILS.

SEWERAGE & WATER BOARD NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH S&WB GENERAL SPECIFICATIONS, S&WB STANDARD DRAWINGS, AND S&WB DRAWING NO. 7260-W AND 7260-S.
2. CONTRACTOR SHALL CONTACT HADI AMINI (865-0445) OF THE S&WB CONSTRUCTION ADMINISTRATION AND INSPECTION DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION.
3. CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB CONSTRUCTION ADMINISTRATION DEPARTMENT BEFORE BEGINNING CONSTRUCTION.
   A. PROOF OF LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTORS LICENSE.
   B. DEPARTMENT OF PUBLIC WORKS STREET CUT PERMIT.
   C. PROOF OF INSURANCE INDEMNIFYING THE S&WB OF NEW ORLEANS IN THE AMOUNT OF AT LEAST $5,000,000.00
4. ANY WORK OUTSIDE OF THE PUBLIC RIGHT OF WAY MUST BE REVIEWED AND APPROVED BY THE SEWERAGE AND WATER BOARD OF NEW ORLEANS PLUMBING DEPARTMENT IN ADVANCE OF CONSTRUCTION. A LICENSED MASTER PLUMBER MUST CONTACT THE PLUMBING DEPARTMENT AT 585-2160 TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF THE S&WB ENGINEERING DOES NOT RELIEVE THE PLUMBER OF THIS OBLIGATION.
5. THE METER SHALL BE INSTALLED AS RECEIVED FROM THE S&WB METER DEPARTMENT AND MAY NOT BE MODIFIED IN ANY MANNER. ANY MODIFICATIONS WILL VOID THE UL WARRANTY AND, AS SUCH, MAY SUBJECT THE OWNER TO FINANCIAL PENALTY AND LOSS OF SERVICE.
6. ALL BRONZE/BRASS FITTINGS, CONNECTORS CORPORATION STOPS AND APPURTENANCES USED IN CONJUNCTION WITH PE TUBING SHALL BE DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE BRONZE/BRASS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM, AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.
7. WATER METERS MAY OR MAY NOT BE IMMEDIATELY AVAILABLE THEREFORE CONTRACTORS SHALL PAY ALL REQUIRED S&WB FEES REQUIRED TO OBTAIN A WATER METER AT LEAST 6 MONTHS PRIOR TO THE DATE THE WATER METER IS REQUIRED TO BE INSTALLED. CONTRACTOR SHALL INDICATE ON HIS/HER PROJECT SCHEDULE A MILESTONE FOR ORDERING THE METER AND SHOULD BE UPDATED AS REQUIRED TO TRACK THE DELIVERY AND INSTALLATION OF THE METER.

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Utility Plan

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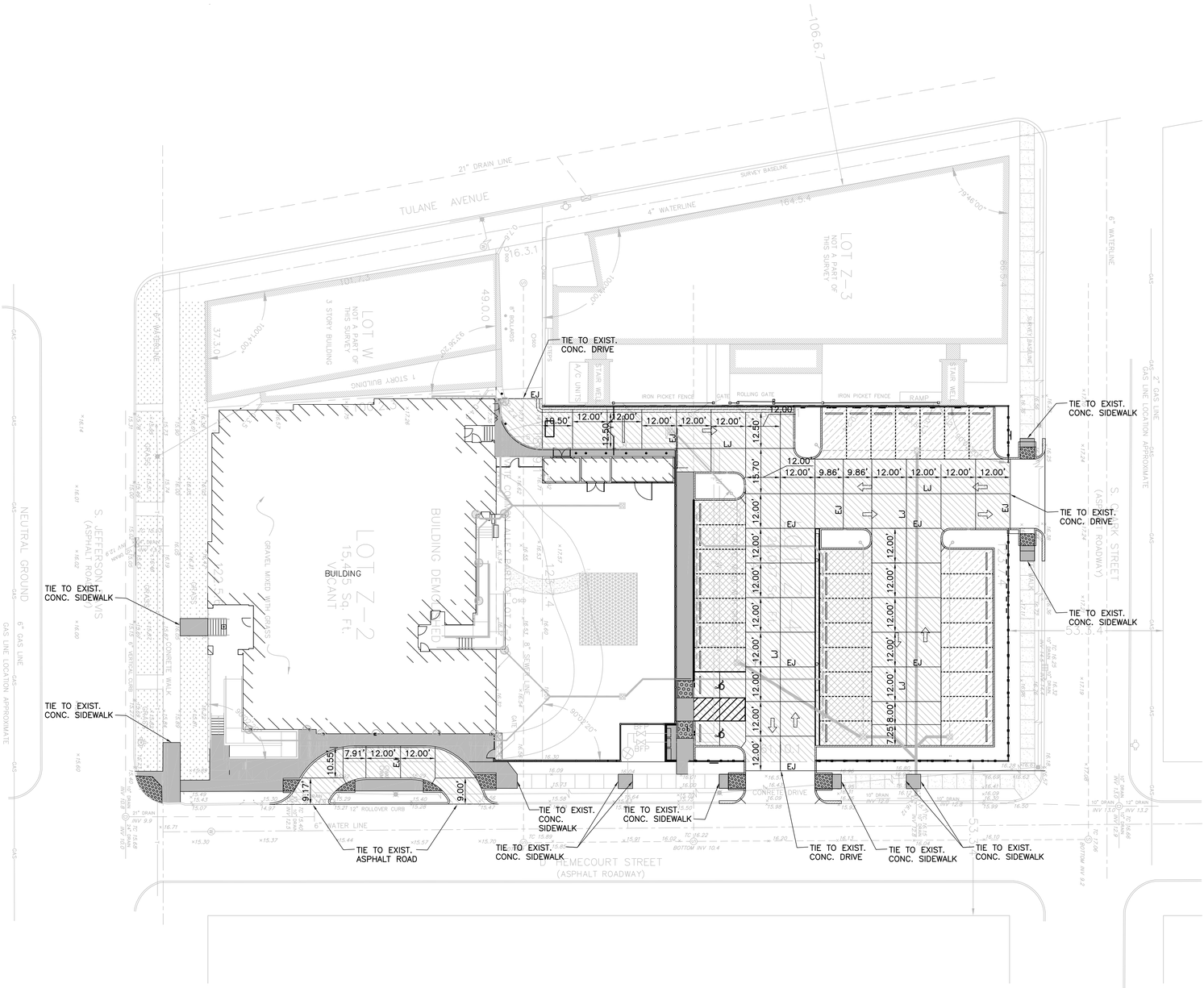

1 Paving Plan
C-5.0

0 20' 40'

LEGEND:

- PROPERTY LINE
- 6" BARRIER CURB
- TURN-DOWN FOOTING (SIDEWALK)
- CONSTRUCTION JOINT
- EJ EXPANSION JOINT
- LJ LONGITUDINAL JOINT
- 7" CONCRETE PAVEMENT (W/6x6-6 GAGE W.W.F.)
- BMP-PERMEABLE PAVERS, PROFILE, TYPE A, SEE IA/L2.01
- BMP-PERMEABLE PAVERS, PROFILE, TYPE B, SEE IB/L2.01
- 4" CONCRETE SIDEWALK (W/6x6-6 GAGE W.W.F.)

NOTES:

1. DISTANCES SHOWN HEREON ARE MEASURED FROM THE BACK EDGE OF PAVEMENT.
2. PAVEMENT JOINT LAYOUT SHOWN IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN OR AS DIRECTED BY ENGINEER. PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION EXCEPT WHERE UNAVOIDABLE AS SHOWN.
3. REFER TO SHT. C-5.0 AND C-5.1 FOR PAVING DETAILS.

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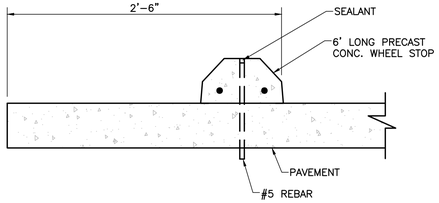
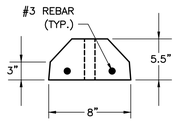
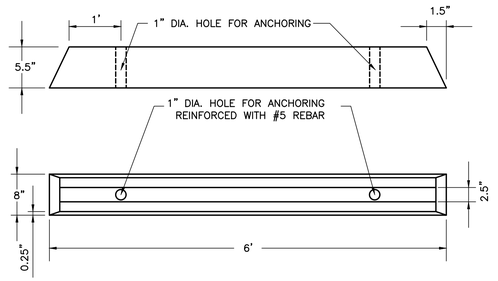




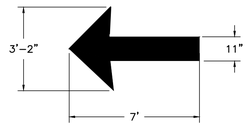


PRECAST CONCRETE WHEEL STOP

N.T.S.

NOTES:

1. WHEEL STOPS ARE TO BE DELIVERED AND INSTALLED FREE OF VISIBLE CRACKS AND BLEMISHES.
2. CONCRETE WHEEL STOPS SHALL BE 4,200 P.S.I CONCRETE AT 28 DAYS (MIN.) FIBER REINFORCED, INSTALLED WITH 2 EA. 5/8"x16" PINS, 1/2" BELOW TOP OF WHEEL STOP.

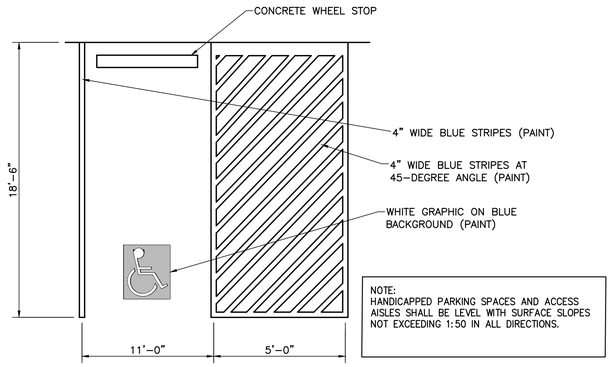


THRU LANE ARROW (YELLOW)

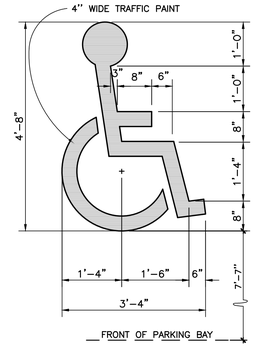
N.T.S.

NOTE:

ALL SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION), AS WELL AS THE MANUAL ON UNIFORM TRAFFICE CONTROL DEVICES (LATEST EDITION).

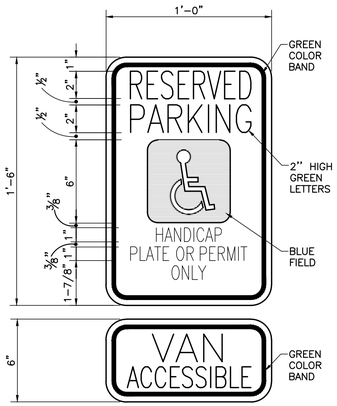


NOTE:
HANDICAPPED PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS.



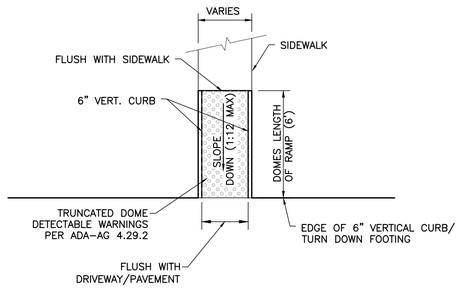
TYPICAL HANDICAP STRIPING DETAIL

N.T.S.



NOTES:

1. THE BOTTOM OF THE SIGN SHOULD BE NO LESS THAN 72 INCHES ABOVE FINISH GRADE.
2. SIGNS SHALL BE PROPERLY CENTERED WITHIN THE PARKING SPACE.
3. THE SIGN FACE SHOULD BE LOCATED NO FARTHER THAN 6 FEET FROM THE FRONT OF EACH PARKING SPACE.
4. ALL LETTERING SERIES 'C', GREEN COLOR.
5. INTERNATIONAL SYMBOL OF ACCESSIBILITY SHOWN WHITE ON 6"x6" BLUE FIELD WITH 1/2 RADIUS CORNERS.
6. THE VAN ACCESSIBLE SIGN SHALL BE CENTERED UNDER THE ACCESSIBLE PARKING SIGN AS SHOWN (IF APPLICABLE).
7. THE SIGN SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.
8. A "RESERVED PARKING" SIGN SHALL BE REQUIRED BEHIND THE SIDEWALK AT EACH HANDICAP ACCESSIBLE PARKING SPOT.
9. ALL HANDICAP SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.



TYPICAL HANDICAP RAMP DETAILS

N.T.S.

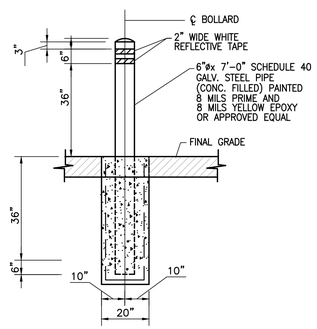
DETECTABLE WARNING SURFACES:

1. PROVIDE IN PEDESTRIAN CIRCULATION AREAS WHERE INDICATED ON DRAWINGS.
2. COMPLY WITH STATE FIRE MARSHAL'S CURRENT GUIDELINES, AND MEET SPECIFIC REQUIREMENTS OF ADAAG FOR DETECTABLE WARNING.
3. SPECIALLY DESIGNED FORMS SHALL BE USED TO CAST INTO AREAS OF COLORED CONCRETE THE FOLLOWING:

A. THE ONLY ACCEPTABLE FORM OF DETECTABLE WARNING IS THE "RAISED TRUNCATED DOME". THE DOMES SHALL BE 0.9" NOM. DIAMETER, 0.2" NOM. HEIGHT, AND CENTERED 2.35" APART.

B. THE AREA HAVING A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE THE CONTRASTING COLOR SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.

4. SCORED LINES, SCORED CROSS-HATCHES, AND OTHER SURFACE TREATMENTS ARE NOT ACCEPTABLE DETECTABLE WARNINGS.
5. PRE-MANUFACTURED PRODUCTS TO PROVIDE THE DETECTABLE WARNING MAY ONLY BE USED UPON PRIOR APPROVAL BY THE ENGINEER/ARCHITECT. PRODUCT AND INSTALLATION METHODS MUST BE ADAAG REVIEWED AND APPROVED.

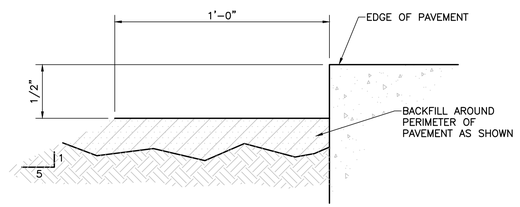


TYPICAL BOLLARD DETAIL

N.T.S.

TYPICAL HANDICAP SIGNAGE DETAIL

N.T.S.



NOTE:

TYPICAL DETAIL TO BE USED WHERE NO GRADES ARE INDICATED ADJACENT TO PAVEMENT.

TYPICAL DETAIL - BACKFILL AROUND PAVEMENT

N.T.S.

BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
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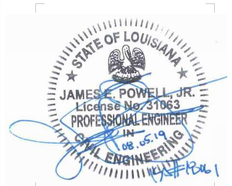

Revisions

Interoffice Data

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Drawn By	NBZ
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Issue Date
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(RE-ISSUE 7/12/2023)

Title
Parking Details

Sheet
C-4.0

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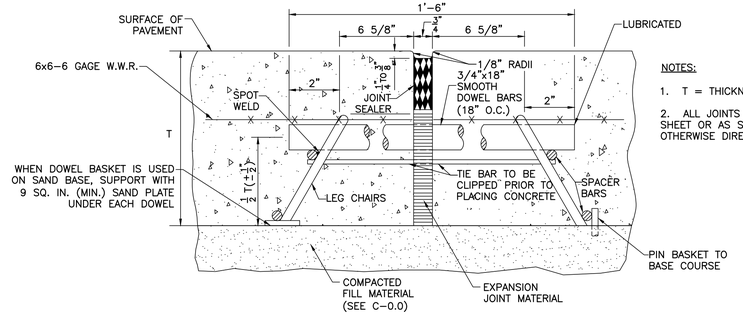


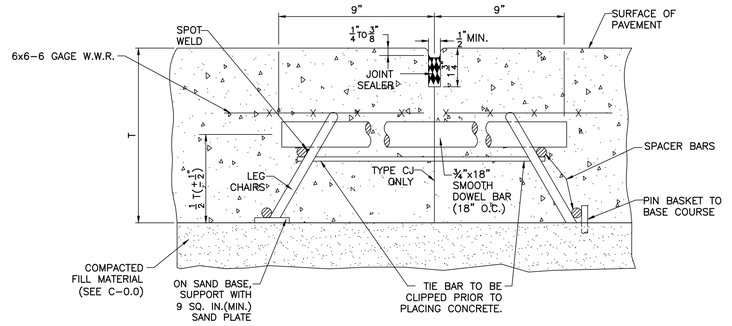
NOTES:

1. T = THICKNESS OF PAVEMENT (SEE PAVING PLAN)

2. ALL JOINTS TO BE USED WHERE SHOWN ON THIS SHEET OR AS SHOWN ELSEWHERE IN THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.

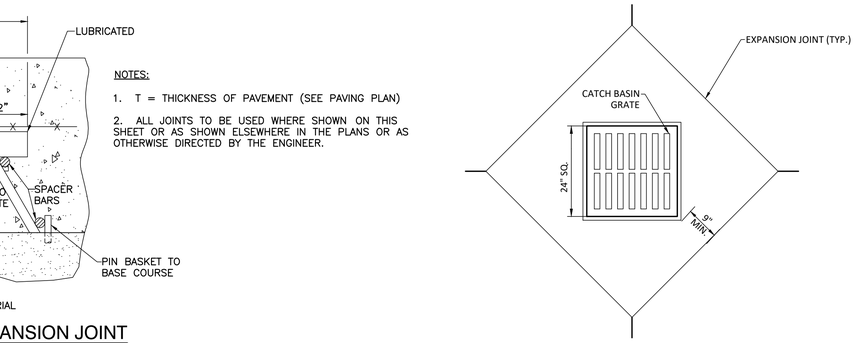
CONCRETE PAVEMENT TRANSVERSE EXPANSION JOINT

N.T.S.



CONCRETE PAVEMENT TRANSVERSE DUMMY JOINT OR CONSTRUCTION JOINT

N.T.S.

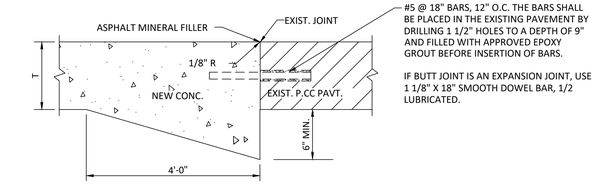


BLOCK-OUT DETAIL

N.T.S.

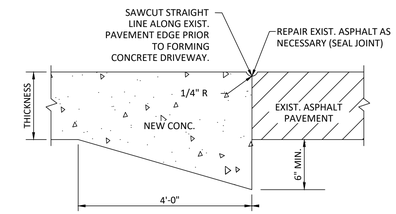
NOTE:

BLOCK-OUT DETAIL APPLIES TO ALL STRUCTURES LOCATED WITHIN PAVEMENT, INCLUDING CATCH BASINS, DRAINAGE MANHOLES, SEWER MANHOLES, ETC.



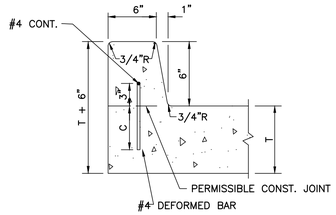
EXISTING PAVEMENT TIE-IN (CONCRETE)

N.T.S.



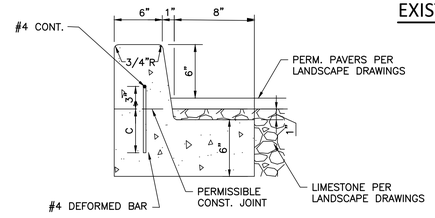
EXISTING PAVEMENT TIE-IN (ASPHALT)

N.T.S.



BARRIER CURB DETAIL

N.T.S.



BARRIER CURB @ PERMEABLE PAVERS DETAIL

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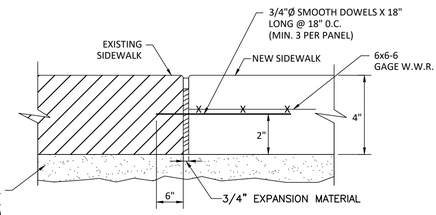
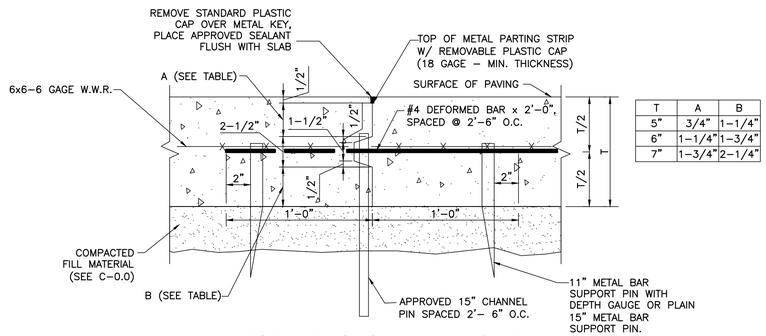


TYPICAL SIDEWALK TIE-IN DETAIL

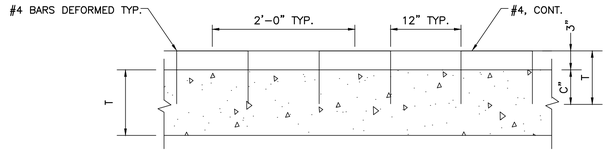
N.T.S.



T	A	B
5"	3/4"	1-1/4"
6"	1-1/4"	1-3/4"
7"	1-3/4"	2-1/4"

DEFORMED LONGITUDINAL JOINT

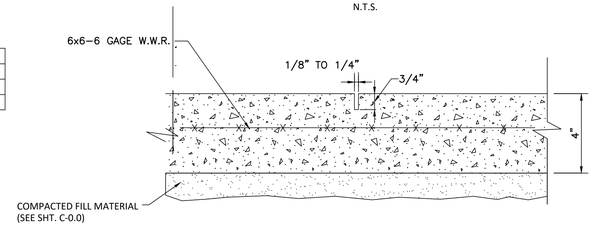
N.T.S.



T	C
5"	2"
6"	3"
7"	4"

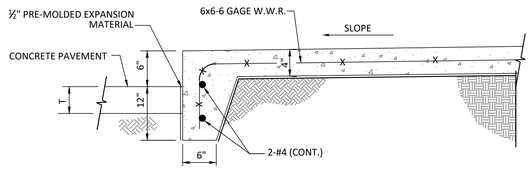
CONCRETE CURB STEEL BARS DETAIL

N.T.S.



SIDEWALK SAWED CONTROL JOINT (5' O.C.)

N.T.S.



SIDEWALK SECTION-TURNDOWN FOOTING

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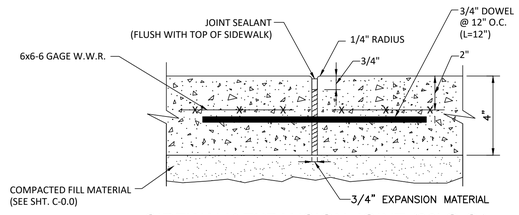
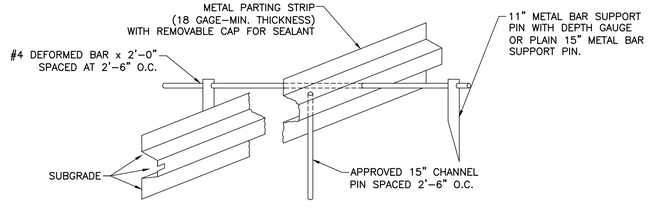


SIDEWALK EXPANSION JOINT (20' O.C.)

N.T.S.



OBLIQUE VIEW METAL PARTING STRIP FOR LONGITUDINAL JOINT

N.T.S.

BID DOCUMENTS

YWCA Facility

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JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
08.05.21

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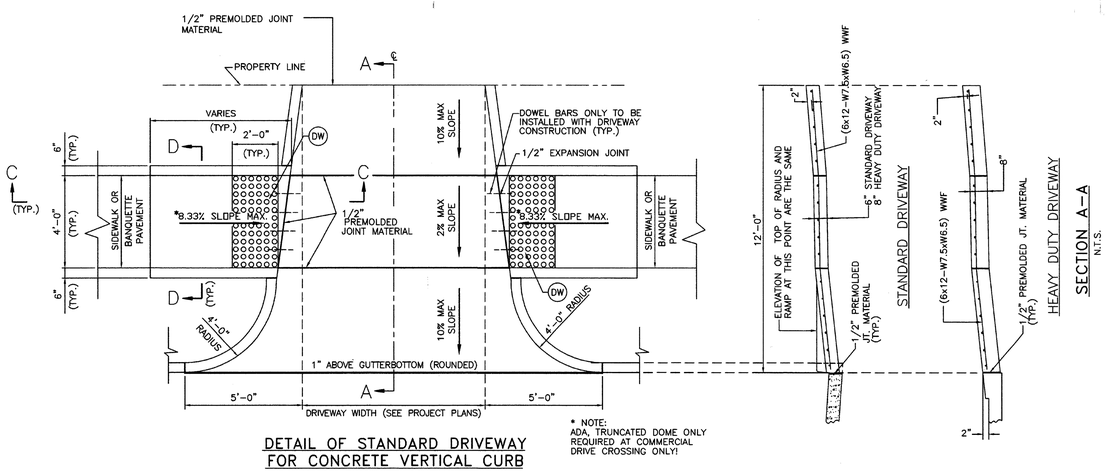


DETAIL OF STANDARD DRIVEWAY
FOR CONCRETE VERTICAL CURB

N.T.S.

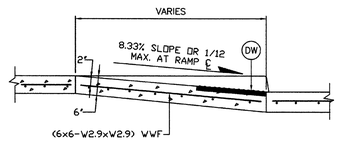
* NOTE:
ADA, TRUNCATED DOME ONLY REQUIRED AT COMMERCIAL DRIVE CROSSING ONLY!

SECTION A–A
N.T.S.

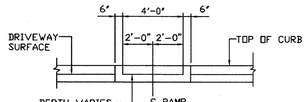
NOTES (*):

(1) FOR STANDARD DRIVEWAYS: DEPRESS ONLY WHEN DIRECTED BY THE FIELD ENGINEER.
(2) FOR HEAVY DUTY DRIVEWAYS: DEPRESS 3" AS SHOWN.
(3) MAXIMUM DRIVEWAY SLOPE IS 10%. ANYTHING EXCEEDING 10% SHOULD BE APPROVED BY THE DEPARTMENT.
(4) ALL HANDICAPPED RAMPS SHALL INCLUDE DETECTABLE WARNINGS AND BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF NEW ORLEANS STANDARD PLAN AND THE LATEST ADA REQUIREMENTS.
(5) DETECTABLE WARNINGS, i.e. RAISED TRUNCATED DOMES SHALL BE USED BETWEEN PEDESTRIAN CIRCULATION AREAS AND VEHICULAR CIRCULATION OR PARKING AREAS FOR COMMERCIAL DRIVEWAYS ONLY.
(6) RAISED TRUNCATED DOMES SHALL BE 0.9 INCHES IN NOMINAL DIAMETER, 0.2 INCHES IN NOMINAL HEIGHT, AND CENTERED 2.35 INCHES APART. THE AREA REQUIRED TO HAVE A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. (ADAAG, 1994 ED.)
(7) RAISED TRUNCATED DOMES SHALL BE 24" x 48" (MIN.) SYSTEMS. THE TILE TYPE, SIZE, SHAPE, INSTALLATION METHODS, ETC., MUST BE APPROVED BY THE D.P.W. BEFORE THE CONTRACTOR ORDERS HIS MATERIALS.

(DW) DETECTABLE WARNINGS (YELLOW) (ADA) TRUNCATED DOME TILE (TYP.) AS PER APPROVAL OF D.P.W. SEE NOTES (4) THRU (7).

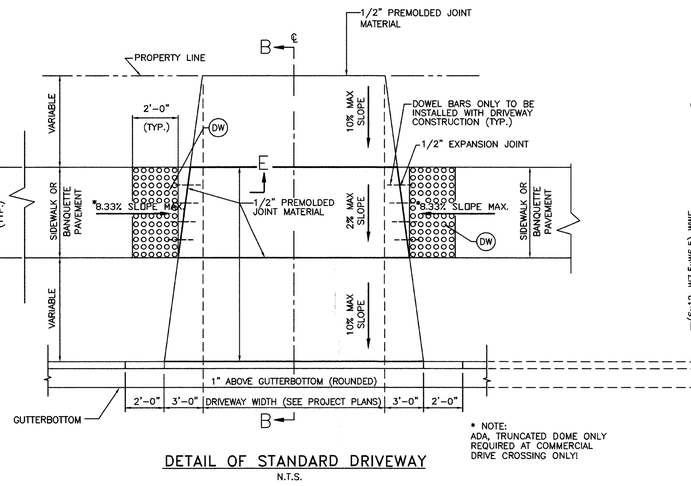


SECTION C–C
(TYPE "B" RAMP)
N.T.S.



SECTION D–D
N.T.S.

SECTION E–E
N.T.S.



DETAIL OF STANDARD DRIVEWAY
N.T.S.

* NOTE:
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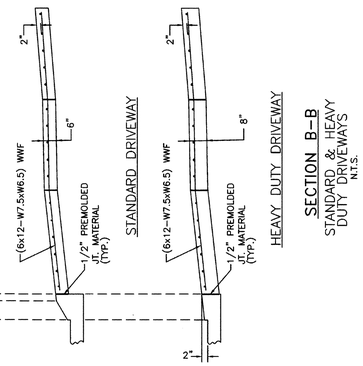
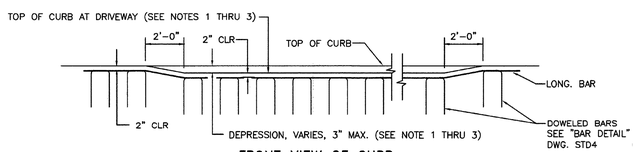


SECTION B–B
STANDARD & HEAVY DUTY DRIVEWAYS
N.T.S.



FRONT VIEW OF CURB

DETAIL OF STANDARD & HEAVY DUTY
DRIVEWAYS FOR MOUNTABLE CONCRETE CURB
N.T.S.

THE SELECTION AND USE OF THESE DETAILS, WHILE DESIGNED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRINCIPLES AND PRACTICES, IS THE SOLE RESPONSIBILITY OF THE USER AND SHOULD NOT BE USED WITHOUT CONSULTING A LOUISIANA REGISTERED PROFESSIONAL ENGINEER.

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

STANDARD DRIVEWAYS
FOR
STREET CONSTRUCTION

DRAWN BY:	REVIEWED BY:		RECOMMENDED BY:
R. FERGUSON	M.T.	B.V. R.S. R.H. A.Y.	NGUYEN D. PHAN, CHIEF ENGINEER
DATE: 12-16-2009	SCALE AS NOTED	APPROVED	ROBERT C. MENDOZA, DIRECTOR

DRAWING No.
STD8

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STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
08-05-21
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Revisions

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Title
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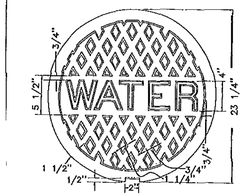
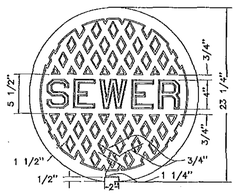
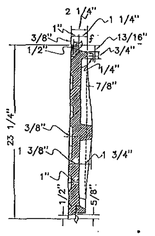


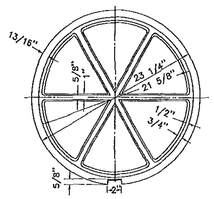
TOP VIEW OF WATER MANHOLE COVER



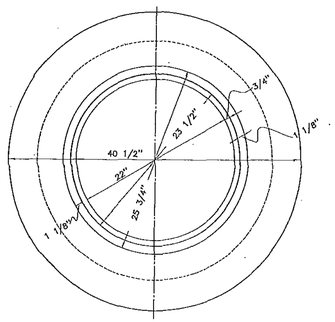
TOP VIEW OF SEWER MANHOLE COVER



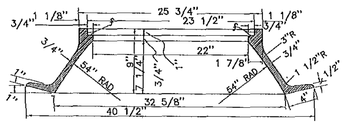
CROSS SECTION OF MANHOLE COVER
(SEWER & WATER)



BOTTOM VIEW OF MANHOLE COVER
(SEWER & WATER)



PLAN OF FLARING FRAME MANHOLE



CROSS SECTION OF FLARING MANHOLE FRAME
(SEWER & WATER)

NOTE:

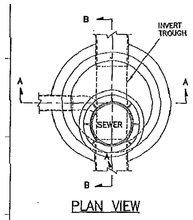
1. f = MACHINED SURFACE
2. FRAME & COVER SHALL CONFORM TO EAST JORDAN IRON WORKS, V-1501 FRAME AND COVER.

NO	DATE	DESCRIPTION	BY
1	03-08-01	GENERAL REVISIONS	DJD
2	5-12-04	R.V.B. 5/21/2003	BJP
NO	DATE	DESCRIPTION	BY

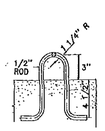
SEWERAGE AND WATER BOARD OF NEW ORLEANS

DETAILS OF SEWER AND WATER MANHOLE CASTINGS

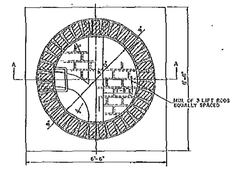
DR. R.P.G./D.D.D./B.J.P.	
ENG.	
DATE 10/31/00	
SCALE	
DATE 8/12/04	DWG. NO. 4697-E5-1



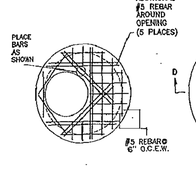
PLAN VIEW



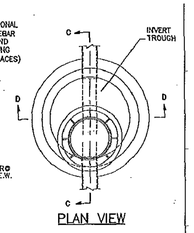
LIFTING EYE DETAIL



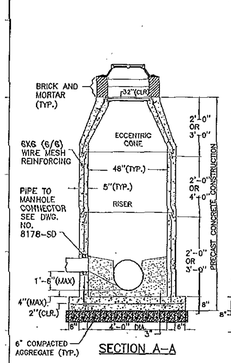
PLAN OF MANHOLE TROUGH



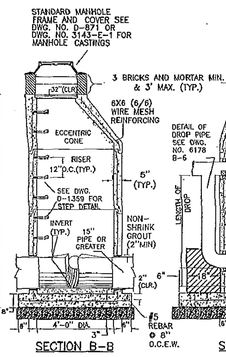
CONCRETE TOP SLAB PLAN



PLAN VIEW



SECTION A-A



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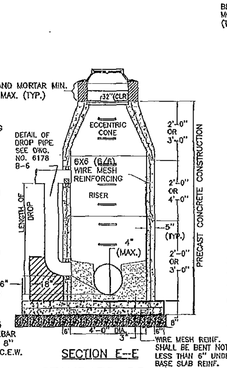
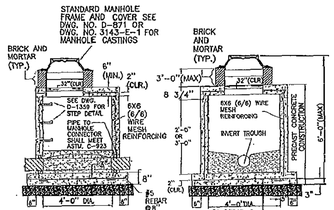


SECTION E-E

STANDARD MANHOLE DETAIL

STANDARD DROP MANHOLE DETAIL



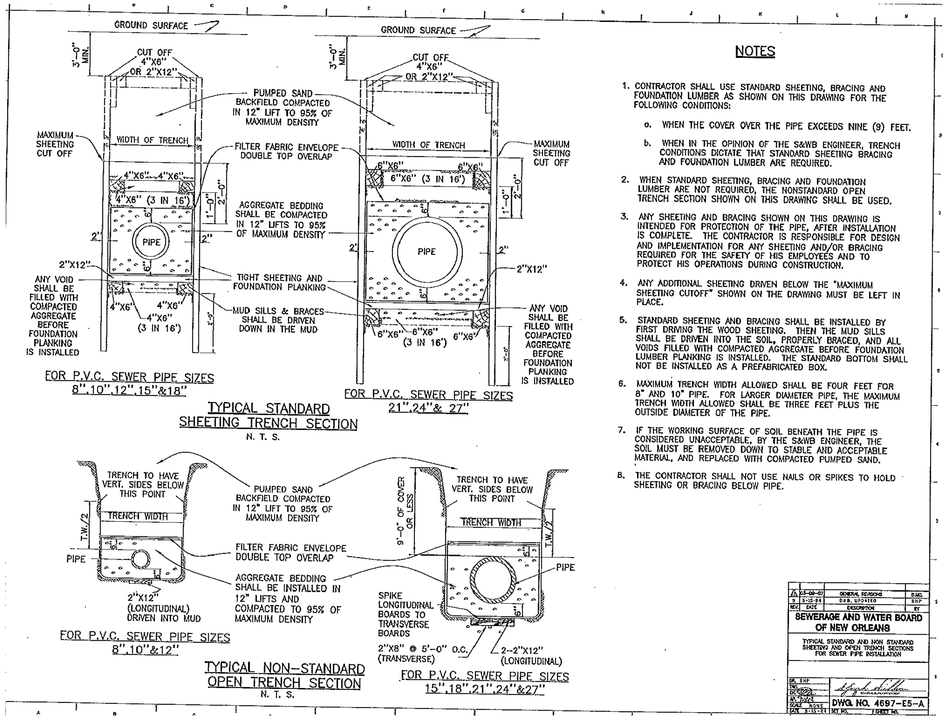
SECTION C-C

SECTION D-D

NOTES:

1. REINFORCING STEEL TO MEET A.S.T.M. A-615 GRADE 60. CONCRETE TO BE 4000 P.S.I. IN 28 DAYS, TYPE II CEMENT, REINFORCING TO MEET A.A.S.H.O. M31-40.
2. JOINTS BETWEEN PRECAST UNITS WILL BE SEALED WITH A RUBBER GASKET TO MEET A.S.T.M. C-443.
3. PRECAST CONCRETE STRUCTURE TO MEET A.S.T.M. C-478.
4. 6"-15" PIPE, USE RESILIENT BOOT CONNECTOR.
5. 18" OR LARGER PIPE, USE MIN. 2" NON-SHRINK GROUT.
6. MANHOLES THAT EXCEED 17' IN DEPTH SHALL USE A 10" THICK BASE IN LIEU OF AN 8" THICK BASE.
7. SEWER MANHOLE WALLS SHALL BE MADE ADEQUATELY RESISTANT TO HARSH AGGRESSIVE CHEMICALS BY EITHER AN APPROVED CONCRETE BATCH ADDITIVE OR PROTECTIVE WATERPROOFING COMPOUND.
8. A DROP CONNECTION SHALL BE CONSTRUCTED WHERE THE INFLOW INVERTS ARE 18" OR MORE ABOVE THE OUTFLOW INVERTS.
9. REFERENCE DWG. NO. D-1359 FOR STEPS.

NO	DATE	DESCRIPTION	BY
		SEWERAGE AND WATER BOARD OF NEW ORLEANS	
		TYPICAL PRE-CAST CONCRETE MANHOLE	
DR. S.J.C.			
DES.			
QUANTITIES			
CK. K. ROCCO			
CK'd.		DWG. NO. 6178-B-6A	
DATE 8/12			
DATE 8/12/04	NO SC.	SHEET NO.	



NOTES

1. CONTRACTOR SHALL USE STANDARD SHEETING, BRACING AND FOUNDATION LUMBER AS SHOWN ON THIS DRAWING FOR THE FOLLOWING CONDITIONS:
   a. WHEN THE COVER OVER THE PIPE EXCEEDS NINE (9) FEET.
   b. WHEN IN THE OPINION OF THE S&WB ENGINEER, TRENCH CONDITIONS DICTATE THAT STANDARD SHEETING BRACING AND FOUNDATION LUMBER ARE REQUIRED.
2. WHEN STANDARD SHEETING, BRACING AND FOUNDATION LUMBER ARE NOT REQUIRED, THE NONSTANDARD OPEN TRENCH SECTION SHOWN ON THIS DRAWING SHALL BE USED.
3. ANY SHEETING AND BRACING SHOWN ON THIS DRAWING IS INTENDED FOR PROTECTION OF THE PIPE, AFTER INSTALLATION IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR DESIGN AND IMPLEMENTATION FOR ANY SHEETING AND/OR BRACING REQUIRED FOR THE SAFETY OF HIS EMPLOYEES AND TO PROTECT HIS OPERATIONS DURING CONSTRUCTION.
4. ANY ADDITIONAL SHEETING DRIVEN BELOW THE "MAXIMUM SHEETING CUTOFF" SHOWN ON THE DRAWING MUST BE LEFT IN PLACE.
5. STANDARD SHEETING AND BRACING SHALL BE INSTALLED BY FIRST DRIVING THE WOOD SHEETING. THEN THE MUD SILLS SHALL BE DRIVEN INTO THE SOIL, PROPERLY BRACED, AND ALL VOIDS FILLED WITH COMPACTED AGGREGATE BEFORE FOUNDATION LUMBER PLANKING IS INSTALLED. THE STANDARD BOTTOM SHALL NOT BE INSTALLED AS A PREFABRICATED BOX.
6. MAXIMUM TRENCH WIDTH ALLOWED SHALL BE FOUR FEET FOR 8" AND 10" PIPE. FOR LARGER DIAMETER PIPE, THE MAXIMUM TRENCH WIDTH ALLOWED SHALL BE THREE FEET PLUS THE OUTSIDE DIAMETER OF THE PIPE.
7. IF THE WORKING SURFACE OF SOIL BENEATH THE PIPE IS CONSIDERED UNACCEPTABLE, BY THE S&WB ENGINEER, THE SOIL MUST BE REMOVED DOWN TO STABLE AND ACCEPTABLE MATERIAL, AND REPLACED WITH COMPACTED PUMPED SAND.
8. THE CONTRACTOR SHALL NOT USE NAILS OR SPIKES TO HOLD SHEETING OR BRACING BELOW PIPE.

NO	DATE	DESCRIPTION	BY
1	03-08-01	GENERAL REVISIONS	DJD
2	5-12-04	R.V.B. 5/21/2003	BJP
NO	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

TYPICAL STANDARD AND NON-STANDARD SHEETING AND OPEN TRENCH SECTIONS FOR SEWER PIPE INSTALLATION

DR. D.J.C.	
DES.	
QUANTITIES	
CK. K. ROCCO	
CK'd.	DWG. NO. 4697-E5-A
DATE 5/21/03	
DATE 8/12-04	NO SC. SHEET NO.

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BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
08-05-19

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	NBZ
Checked By	JEP

Issue Date

08/05/2021
(RE-ISSUE 7/12/2023)

Title

Sewer Details

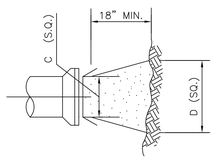
Sheet

C-6.0

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. USE ON ALL FITTINGS. ALL FITTINGS TO BE DUCTILE IRON MJ RESTRAINED JOINT.
3. ALL CONCRETE AND PIPE SHALL BE SEPARATED BY A NON-CONDUCTIVE MATERIAL (TYPICALLY 1/8" EPDM RUBBER).
4. ALL CONCRETE THRUST BLOCKS SHALL BE 4000 PSI @ 28 DAYS. TIMBER THRUST BLOCKS SHALL NOT BE USED UNLESS PERMISSION GRANTED BY UTILITY COMPANY.
5. PIPE SHALL BE RESTRAINED JOINT ON EACH SIDE OF FITTINGS (20' MIN.).

SOIL	SIZE	90° BEND		TEE		PLUG	
		A	B	A	B	C	D
4000 psf	≤ 6"	10	10	8	8	10	15
	≥ 8"	15	12	9	12	12	20
2000 psf	≤ 6"	18	10	10	12	10	21
	≥ 8"	25	13	16	12	20	29



PLUGS
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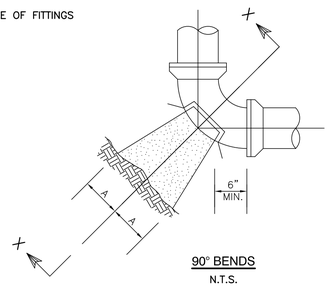

90° BENDS
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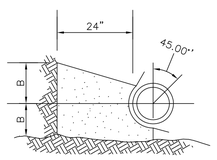
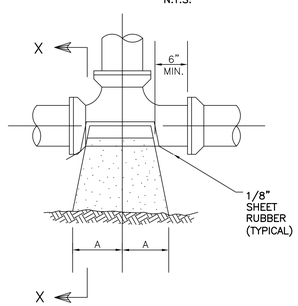


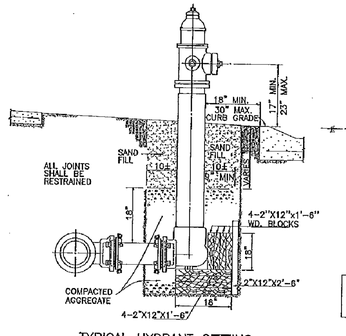
SECTION X-X
N.T.S.



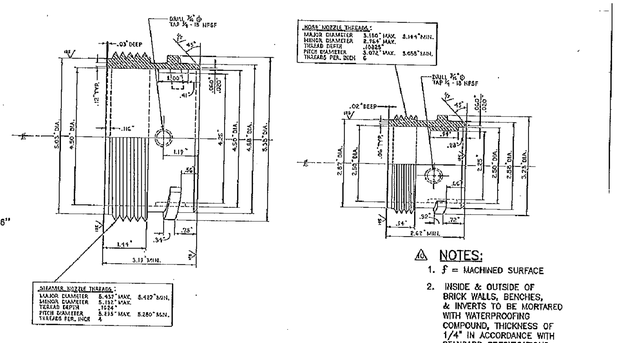
TEES
N.T.S.

THRUST BLOCK DETAILS

N.T.S.

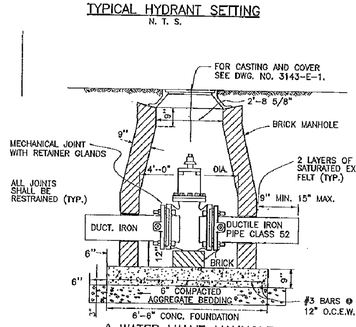


TYPICAL HYDRANT SETTING
N. T. S.

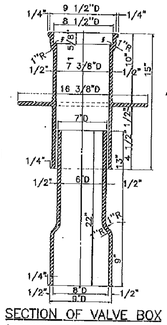


NOTES:

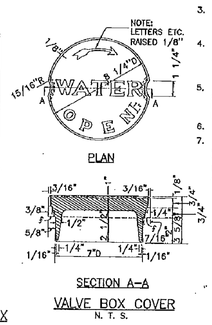
1. f = MACHINED SURFACE
2. INSIDE & OUTSIDE OF BRICK WALLS, BENCHES, & INVERTS TO BE MORTARED WITH WATERPROOFING COMPOUND, THICKNESS OF 1/4" IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
3. CONCRETE TO HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS.
4. VALVES 4" TO 12" SHALL BE S&WB R.D. WOOD GATE VALVES. VALVES 16" AND LARGER SHALL BE AMERICAN R/D GATE VALVES.
5. HYDRANTS SHALL BE 5" BREAKAWAY FIRE HYDRANT BRONZE TRIM (SEE S&WB DWG. NO. 11825-W-62) OR AMERICAN DARLING FIRE HYDRANT B-62-B.
6. ALL JOINTS SHALL BE RESTRAINED.
7. VALVE BOX FRAME & COVER SHALL CONFORM TO EAST JORDAN IRON WORKS, INC. V-8451 VALVE BOX FRAME AND COVER OR APPROVED EQUAL.



⚠ WATER VALVE MANHOLE
(FOR SIZES 4" THRU 12")
N. T. S.



SECTION OF VALVE BOX
(FOR USE WITH METER VAULTS ONLY)
N. T. S.



PLAN

SECTION A-A
VALVE BOX COVER
N. T. S.

NO.	DATE	DESCRIPTION	BY
1	03-09-00	ADDED "F" WATER SYMBOLS, MARKED TRACE & VERIFIED	D.J.C.
2	03-28-00	DRAWING LEGENDED	D.J.C.
3	02-06-07	DELETED, REVISED AND ADDED NOTES	D.J.C.
4	4-27-12	PIPING MINOR	T.T.C.
NO.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

HYDRANT SETTING, DETAILS OF VALVE BOX AND COVER, AND VALVE MANHOLE

DR. DRAFTING DEPT.	
DES.	
APPD. CHIEF ENGR.	DWG NO. 6179-F-2
DATE 1-27-11	SHT NO. 1 SHEET(S)

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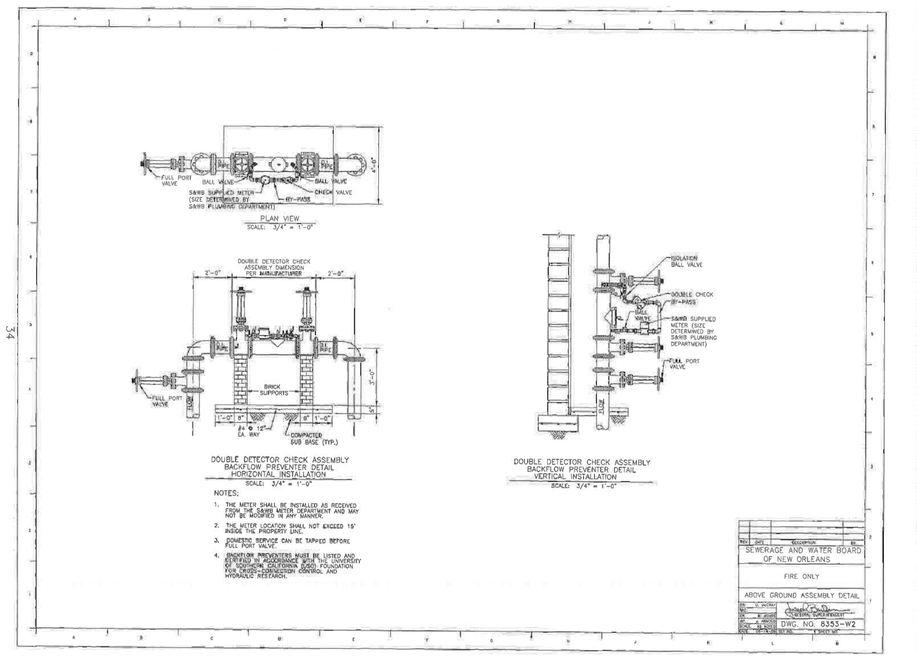

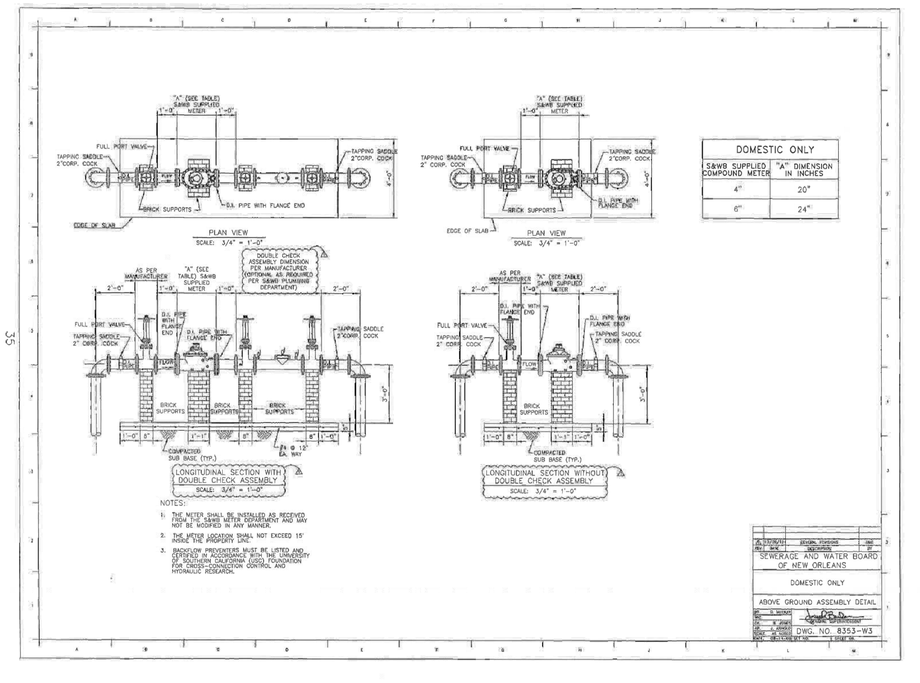

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BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN•PEER | ARCHITECTS
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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
08-05-19

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	MMM
Checked By	KD

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Water Details

Sheet
C-7.0

WATER NOTES

I. GENERAL

1. It is to be understood that all references to "The Sewerage and Water Board (S&WB) Engineer" throughout this document shall refer to the General Superintendent of the S&WB or his appointed representative and all references to "The S&WB Inspector" throughout this document shall refer to the inspector assigned to the project by the S&WB Engineer. The S&WB Inspector shall represent the S&WB Engineer in his/her absence. It is also to be understood that all references to S&WB drawings and specifications refer to the latest edition or revision.

2. The Contractor shall have an individual with a Water Distribution Class IV license, obtained through the Louisiana Department of Health and Hospitals, on site at all times during the installation of the water lines and appurtenances.

3. The Contractor shall furnish all labor, supervision, materials and equipment required for the installation of new water mains, valves, manholes, hydrants, and house connections required by the project drawings and specifications.

4. The S&WB forces shall be responsible for the closure of all water valves. The Contractor shall contact the Chief of Networks at 2900 Peoples Ave., NOLA 70122, two weeks in advance of any required water closures to schedule the closures.

5. All workmanship and materials shall conform to the General Specifications of the S&WB. Any modification from the design drawings pertaining to S&WB facilities must be approved by the S&WB Engineer prior to construction.

6. Prior to the installation of S&WB facilities, the entire area within the public right-of-way, including the entire width of any servitudes adjacent to the front property line, plus an additional 3 ft. must be filled to the finished grade.

7. All elevations shown on the drawings refer to Cairo Datum in which 0.00 ft. NGVD is equal to 20.43 ft. Cairo Datum.

8. It is to be understood that wherever sand is stipulated in the specifications or drawings, it shall refer to pumped Mississippi River sand or any natural sand deposit meeting the requirements of AASHTO A-3 or ASTM-SP.

9. The Contractor shall notify the General Superintendent (625 St. Joseph St. N.O. LA 70165), with copies to the Chief of Engineering (8800 S. Claiborne Ave N.O. LA 70118), and the Chief of Construction Administration and Inspection (8800 S. Claiborne Ave N.O. LA 70118) of the S&WB in writing not less than 3, nor more than 10 days in advance of starting the project so as to schedule the inspection of any S&WB work. If the Contractor fails to do so prior to starting his work, the Contractor shall be required to expose the bedding on all pipe or any other concealed work previously installed in order to obtain the approval of the S&WB Inspector. Any work performed without a S&WB Inspector's approval will not be accepted by the S&WB, nor tied into the S&WB's distribution system.

10. The location of existing utilities shown on the drawings should be considered approximate. The Contractor shall verify the elevation of all existing structure inverts and the location of all existing utilities prior to the start of work, and shall be responsible for any negligence on his part in protecting them. The location of sewer and water house connections can be obtained from the S&WB.

11. All S&WB maintained water facilities installed by the Contractor will be subject to the approval of the S&WB Inspector. The Contractor shall provide the S&WB Inspector full access to the work throughout construction and abide by any justifiable S&WB Inspector's request to expose any and all work installed by the Contractor.

12. Backfill material for all utilities shall be sand either compacted mechanically in 6 in. lifts or flooded in 3 ft. lifts. Compaction shall be performed to 95% maximum dry density, near optimum water content, and shall meet the compaction characteristics of ASTM D-1557.

13. All removed valves, hydrants and castings shall be returned to the Central Yard Warehouse at 2900 Peoples Ave.

II. PIPE MATERIAL

A. POLYVINYL CHLORIDE (PVC)

1. All new water mains 6 in. through 12 in. shall be solid wall DR 18 PVC pipe manufactured in accordance with AWWA Standard C900 "Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 in. through 12 in. for Water Distribution." Pipe shall be furnished in standard lengths (min. 16 ft.) with integral cast bells or couplings using elastomeric gaskets conforming to AWWA Standard C900, ASTM D3212 or F477. New water mains 16 in. and larger shall be solid wall DR 18 PVC pipe manufactured in accordance with AWWA Standard C905.

2. For PVC water lines, all pipefitting shall be ductile iron and shall conform to the following section on "Ductile Iron." All nuts, bolts, and washers shall be manufactured of stainless steel.

B. DUCTILE IRON

1. Ductile iron pipe shall be manufactured in accordance with AWWA Standard C150, "Thickness Design of Ductile-Iron Pipe" and AWWA Standard C151, "Ductile Iron Pipe, Centrifugally Cast, for Water," Special Thickness Class 52. Ductile iron pipe for above ground exposed applications such as canal crossings, etc., shall be Special Thickness Class 56. Ductile iron pipe to be installed inside of an underground drainage box canal shall be Special Thickness Class 56. No joints will be allowed inside the box canal.

2. Ductile iron fittings shall be manufactured in accordance with AWWA Standard C110, "Ductile-Iron and Gray-Iron Fittings for Water" or C153, "Ductile-Iron Compact Fittings, 3 in. through 24 in. and 54 in. through 64 in. for Water Service."

3. All ductile iron pipe and fittings shall have an asphaltic coating in accordance with AWWA Standards C151 and C110. All ductile iron pipe and fittings shall be installed in a polyethylene encasement, 8 mils in thickness, in accordance with AWWA Standard C105, "Polyethylene Encasement for Ductile Iron Pipe Systems." This polyethylene encasement shall cover all ductile iron pipe and fittings, including joints, and shall be overlapped a minimum of 12 in. between sections and sealed with black polyethylene tape.

4. Ductile iron pipe and fittings shall be lined with cement mortar. The cement mortar lining shall comply with AWWA Standard C104, "Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water."

5. Joints for ductile iron pipe and fittings for below ground applications shall be push-on type or mechanical joints with rubber gaskets in accordance with AWWA Standard C111, "Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings." Joints for ductile iron pipe and fittings for above ground exposed applications such as canal crossings, etc., shall be American "Flex-Ring" or U. S. Pipe "TR Flex" or approved equal. (U. S. Pipe "Field Lok 350 Gasket" and American "Fast-Grip Gasket" are not allowed.) All joints shall be restrained per manufacturers recommendations. Any required ductile iron flanges shall be in accordance with AWWA Standard C115, "Flanged Ductile Iron Pipe with Ductile Iron or Gray Iron Threaded Flanges." Stainless steel bolts and nuts shall be used on bolted fittings, valves, saddles, etc.

C. OTHER MATERIALS

1. Steel, fiberglass reinforced pipe (FRP), and high density polyethylene (HDPE) are materials that have been approved for installation within the water system. The specifications for these materials will be job specific.

III. WATER MAIN INSTALLATION

1. The water main must be laid in a separate trench from all other utilities. The minimum allowable horizontal distance between the water main and the sewer main shall be 6 ft., and a minimum vertical separation of 18 in. as stipulated in Louisiana Administrative Code Title Fifty-One (51) Public Health-Sanitary Code Part XII Water Supplies. The minimum allowable horizontal distance between the water main and all other utilities shall be 3 ft., and a minimum vertical clearance of 6 in. above and 12 in. below other utilities. In instances where a new water main is replacing an existing, the new main must be a minimum of 3 ft. from the existing main and the existing main must be kept in service until the new main is tied in. The minimum cover for a water main is at 3.5 ft. All dimensions between utilities shall be measured from outside diameter to outside diameter.

2. The curvature of the water mains in cul-de-sacs shall be accomplished with Polyethylene PE 3406 or PE 3408 tubing material with brass fittings, usually a 2 in. minimum diameter line.

3. The installation of all pipe shall conform to the manufacturers recommendations and the applicable requirements of Section F of the S&WB General Specifications. The trench bottom shall be smooth and free from roots, rocks, etc. The pipe shall be laid on a 6 in. bed of sand for the full width of the trench and compacted to 95% standard proctor density at or near the optimum moisture content. The sand shall be placed and consolidated under the pipe haunches to provide adequate side support to the pipe avoiding displacement and misalignment. The remainder of the trench shall be filled with sand compacted to the specified grade as required by the S&WB General Specifications.

4. The Contractor will be responsible for the cleanliness of the main until completion of the work and final acceptance of the Contract. At the end of each day's work, or stoppage of work, the Contractor must provide an approved temporary watertight plug at each open end. When work is resumed, the trench must be free of water and dirt before the plug is removed.

5. The Contractor shall make all tie-ins and shall provide all material for tie-ins as specified in the contract drawings. Tie-ins shall only be made once the chlorination process has been approved.

6. The Contractor shall obtain approval from the S&WB prior to making tie-ins, and shall work continuously until completion on all tie-ins and water services are restored. Water services will not be interrupted until all crews and equipment are on site with the connection exposed, and prepared to begin the tie-in. In addition, the Contractor must show that the N.O. Fire Dept. and affected residents have been notified 24 hours in advance of any interruption of service. The Contractor shall make every effort to limit residential closures.

IV. METER MANHOLES, VAULTS & BOXES

1. Where manholes or vaults are required within the public right-of-way, the Contractor shall be responsible for installation and construction of the meter manhole or vault in accordance with the S&WB General Specifications Section F-12. Meter sizes 1 in. and smaller shall be installed within the public right-of-way in a meter box as shown on S&WB Dwg. No. 7134-W. Meter sizes 1 1/2 and 2 in. installed within the public right-of-way shall be installed in manholes as shown on S&WB Dwg. No. 7332-W. Meter sizes 4 in. to 10 in. installed within the public right-of-way shall be installed in vaults as shown on S&WB Dwg. No. 7531-W.

2. All manhole foundation slabs shall be placed on a 6 in. layer of crushed stone or approved equal bedding material.

3. Meter boxes shall be adjusted to final grade. There shall be no separation between the barrel and lower meter pan. No adjustment rings are allowed.

V. HOUSE CONNECTIONS

1. Water house connections shall be installed at the center of each lot unless otherwise approved by the S&WB Engineer. When the water main is located outside of the roadway and service connections are required on the opposite side of the street, the Contractor shall furnish and install PVC conduit pipe (min 0.216 in. wall thickness, min. 3 in. diameter) with ends temporarily sealed. For new construction, the location of all water house connections shall be imprinted on the curb with the letter "W" not less than 3 in. high and 1/4 in. deep. Size of connection shall be 1 in. polyethylene pipe for 5/8 in. to 1 in. meters as shown on S&WB Dwg. No. 7134-W.

2. No direct tapping of the pipe will be permitted for making house connections. Service saddles shall be bronze Clow No. 3407 G, J. Jones J-996, Mueller Series H-13400, S90 Ford Brass Saddle, or Ford FC202. The Contractor shall use only shell type hole cutters that will retain the coupon. Depth of house connections at the property line shall be between 2.5 ft. and 3.5 ft.

VI. METERS

1. Required meters will be furnished by the S&WB at no additional cost to the Contractor. The Contractor shall be responsible for installation and construction of the meter box, and meter manhole or vault.

2. The meter shall be installed as received from the S&WB Meter Department and may not be modified in any manner. Any modifications will void the UL warranty and, as such, may subject the owner to financial penalty and loss of service.

3. Meters installed on private property shall meet the requirements of the S&WB House Connection Department.

VII. VALVES AND HYDRANTS

1. Valves 4 in. to 12 in. installed in the public right of way shall be S&WB R.D. Wood Gate valves as shown in S&WB Dwg. 11897-W-62. Valves 16 in. and larger shall be American R/D gate valves. All valves must be installed in manholes, and located at the projection of the property line.

2. Hydrants shall be 5 in. Breakaway Fire Hydrant Bronze Trim, as detailed in S&WB Dwg. No. 11825-W-62 or 5 ¼ in. American Darling Fire Hydrant B-62-B. For details of setting hydrants see S&WB Dwg. No. 6179-F-2. Hydrant leads shall be solid wall PVC pipe Class 150, AWWA Standard C-900. All hydrant lead joints shall be restrained. Hydrants shall be installed with wood blocking and be spaced not more than 350 ft. apart, 6 ft. off the projected property line on corner lots, and within 5 ft. of the center of the lot for interior lots.

VIII. TESTING, CHLORINATION AND FLUSHING

1. All new mains, valves, hydrants and services shall be installed prior to pressure testing. The system shall be pressure tested by the Contractor in the presence of the S&WB Inspector and in accordance with Paragraph F-15 of the General Specifications. The test shall be scheduled by the S&WB Inspector. All air shall be bled from the system prior to testing. The Contractor shall be responsible for all costs incurred as a result of test failures, including repairs to defects.

2. Throughout the test, the pressure will be maintained at 100 psi. If the pressure drops to 95 psi it must be increased back to 100 psi by adding additional water to the pipe. Each subsequent "pump up" must use less water per hour than was used previously, or the main will not be accepted. If the Contractor allows the pressure to fall below 95 psi at any point, the main will not be accepted. The test shall be performed for a minimum of 3 hours and a maximum of 24 hours. Allowable leakage shall not exceed 20 gallons of water per 24 hours, for each mile of pipe, per inch of inside diameter for pipes 12 in. and smaller. For pipes larger than 12 in., the allowable leakage shall be 10 gallons of water per 24 hours, for each mile of pipe, per inside inch diameter.

3. The Contractor shall install the flushing apparatus in accordance with S&WB Dwg. Nos. 7004-W and 7005-W. The Contractor shall flush the newly installed piping system with maximum flow prior to the chlorination by the S&WB.

4. The Contractor shall notify the S&WB 1 week in advance of the desired chlorination date. Chlorination of the water mains shall be performed by the S&WB in accordance with Par. F-16 of the General Specifications. The S&WB forces will require approximately 4 working days, weather permitting, to conduct and provide test results of the system. If the initial disinfection does not produce satisfactory samples, the process shall be repeated and the Contractor shall be assessed as stated below.

5. The S&WB will perform the initial chlorination of the mains at no charge to the Contractor. If it is observed that the Contractor had not taken proper precautionary measures to prevent contamination during the installation, the S&WB will cease operation until the system is flushed and made clean by the Contractor. The Contractor shall bear any and all costs associated with rechlorination of the system.

6. The new main must be connected to the S&WB's system within 72 hours of notification of passing the chlorination test. Failure to complete the tie-ins within this time limitation will result in retesting the new main at the expense of the Contractor.

IX. INSPECTION

1. All installation of water mains and related appurtenances will be performed under the inspection of, and to the satisfaction of the S&WB Inspector throughout the course of the work.

X. FINAL ACCEPTANCE

1. The new water mains and appurtenances must be installed level, at proper grade, have passed all required tests, and must be tied into the existing water system prior to obtaining final acceptance.

2. Before final inspection of the system, the Contractor shall submit an "AS-BUILT" drawing to the S&WB showing any changes in line or grade from the original drawings, as well as showing the location of all house connections, in accordance with S&WB requirements. It will be the Contractor's responsibility to certify that the "AS-BUILT" drawings are correct. Any inaccuracy as determined by the S&WB in the "AS-BUILT" drawings shall be corrected at the cost of the Contractor.

3. The Contractor must contact the S&WB to set a date for final inspection. In the event the Contractor calls for an inspection and the work is not adequately complete, a new inspection date will then be set at the discretion of the S&WB Inspector.

4. Final acceptance of the system will be subject to a 1 year maintenance period following final acceptance of the project by the S&WB.

REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

SPECIFICATIONS FOR INSTALLATION OF WATER MAINS

DR.	Q. FENG	GENERAL SUPERINTENDENT
TRC.		
CK.	B. JONES	
AP.	J. BECKER	DWG. NO. 7260-W
SCALE	NONE	
DATE	05-05-05	SET NO. / SHEET NO.

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
08.05.19

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	NBZ
Checked By	JEP

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Water Notes

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SEWER NOTES

I. GENERAL

1. It is to be understood that all references to "The Sewerage and Water Board (S&WB) Engineer" throughout this document shall refer to the General Superintendent of the S&WB or his appointed representative, and all references to "The S&WB Inspector" throughout this document shall refer to the inspector assigned to the project by the S&WB Engineer. The S&WB Inspector shall represent the S&WB Engineer in his/her absence. It is also to be understood that all references to S&WB drawings and specifications refer to the latest edition or revision.

2. The Contractor shall have an individual with a Wastewater Collection Class IV license, obtained through the Louisiana Department of Health and Hospitals, on site at all times during the installation of the sewer lines and appurtenances.

3. The Contractor shall furnish all labor, supervision, materials, and equipment required for the installation of new sewer mains, manholes, house connections, etc., required by the project drawings and specifications.

4. All workmanship and materials shall conform to the General Specifications of the S&WB. Any modification from the design drawings must be approved by the S&WB Engineer prior to construction.

5. Prior to the installation of any S&WB facilities, the entire area within the public right-of-way, including the entire width of any servitudes adjacent to the front property line, plus an additional 3 ft. must be filled to the finished grade.

6. All elevations shown on the drawings refer to Cairo Datum in which 0.00 ft. NGVD is equal to 20.43 ft. Cairo Datum.

7. It is to be understood that wherever sand is stipulated in the specifications or drawings, it shall refer to pumped Mississippi River sand or any natural sand deposit meeting the requirements of AASHTO A-3 or ASTM-SP.

8. The Contractor shall notify the General Superintendent (625 St. Joseph St. N.O. LA 70165), with copies to the Chief of Engineering (8800 S. Claiborne Ave N.O. LA 70118), and the Chief of Construction Administration and Inspection (8800 S. Claiborne Ave N.O. LA 70118) of the S&WB in writing not less than three nor more than ten days in advance of starting the project so as to schedule the inspection of any S&WB work. Failure to do so prior to starting this work shall require the Contractor to expose the bedding on all pipe, or any other concealed work previously installed in order to obtain the approval of the S&WB Inspector. Any work performed without an S&WB Inspector's approval will not be accepted by the S&WB nor tied into the S&WB's collection system.

9. The location of existing utilities shown on the drawings should be considered approximate. The Contractor shall verify the elevation of all existing structure inverts and the location of all existing utilities prior to the start of work, and shall be responsible for any negligence on his part in protecting them. The location of sewer and water house connections can be obtained from the S&WB.

10. All S&WB maintained sewer work performed by the Contractor would be subject to the approval of the S&WB Inspector. The Contractor shall provide the S&WB Inspector full access to the work throughout construction and abide by any justifiable S&WB Inspector's request to expose any and all work installed by the Contractor.

11 Backfill material for all utilities shall be sand either compacted mechanically in 6 in. lifts or flooded in 3 ft. lifts. Compaction shall be performed to 95% maximum dry density, near optimum water content, and shall meet the compaction characteristics of ASTM D-1557.

12. Specifications for sewer force main pipe shall be job specific.

II. PIPE MATERIAL

1. Material for sewer mains shall be solid wall PVC pipe, manufactured in accordance with ASTM D-3034 specifications and to a SDR (strength dimension ratio) of 26 with elastomeric gaskets. The elastomeric gaskets and retainer rings shall be installed by the manufacturer in accordance with ASTM D-3212 and F-477.

2. The fittings for solid wall PVC pipe shall be the same inside diameter as the solid wall PVC with an SDR of 35.

3. PVC sewer mains, sizes 18 in. through 27 in. shall be solid wall PVC pipe conforming to ASTM F-679.

4. The maximum allowable compression for installed PVC sewer pipe is 7.5 percent (7.5%) of its original vertical inside diameter. Pipe exceeding this allowable compression shall be removed and replaced with new pipe, reinstalled at the Contractor's expense.

5. At points of tie-ins to the existing system, the new pipe material should match the existing. If the new material does not match the existing material, the connection shall be made with the use of a coupling and bushing adapter intended for that purpose, ARC (Mission Rubber Co.), FERNCO, or equal, conforming to ASTM C-425.

6. Ductile iron pipe shall be used where specified on the construction drawings and shall conform to Section II-B, "Ductile Iron" of the S&WB 7260 Water Notes except that the interior lining shall be polyethylene, "Polybond", or approved equal, and must be factory installed with 40 mils nominal thickness.

III. SEWER MAIN INSTALLATION

1. The sewer main must be laid in a separate trench from all other utilities. The minimum allowable horizontal distance between the sewer main and the water main shall be 6 ft., and a minimum vertical separation of 18 in. as stipulated in Louisiana Administrative Code Title Fifty-One (51) Public Health-Sanitary Code Part XII Water Supplies. The minimum allowable horizontal distance between the sewer main and other utilities shall be 3 ft., and a minimum vertical clearance of 12 in. above or 12 in. below other utilities. For payment purposes, depths of sewer mains shall be determined by the average measurements from inverts to the top of castings at finished grade of connecting manholes. All dimensions between utilities shall be measured from outside diameter to outside diameter.

2. Sewer mains and interconnecting manholes shall be installed at elevations indicated on the plans unless changed by the S&WB Engineer. All mains must be laid continuously from manhole to manhole, laid from the low end of the system with the bell facing upstream, and must be of the same size pipe diameter. The minimum depth of a sewer main shall be 5.5 ft. from surface to invert.

3. Installation of the solid wall PVC pipe shall conform to Section D, "The Construction of Sewers," of the General Specifications of the S&WB. The trench bottom shall be smooth and free from rocks, roots, etc. After the sheeting and/or foundation lumber is placed, the pipe shall be laid on a smooth bed of approved bedding material. Bedding and foundations for mains and standard sheeting and bracing shall comply with S&WB Dwg. No. 4697-E5A. The bedding material shall be extended under, around, and over the top of the pipe and compacted in layers not greater than 6 in. by a mechanical vibrating compactor approved by the S&WB Engineer until a minimum of 95% standard proctor density is attained at or near optimum moisture content for the full width of the trench. The bedding material shall be Class I Angular Material (1/4 in. to 1-1/2 in.), ASTM D2321 or ASTM C33. The S&WB Engineer reserves the right to approve the type of bedding material to be used.

4. Filter fabric shall be installed around the bedding and under the backfill in all sewer installations as shown in S&WB Dwg. No 4697-E5A, and conform by weight to ASTM D1910. The filter fabric shall be DOTD Class C or D, non-woven pervious sheets of plastic yarn MiraFi 170N, or an equal approved by the S&WB Engineer, constructed so the yarns will retain their relative position with respect to each other. Edges of the fabric shall be finished to prevent the outer yarn from pulling away from the fabric. The fabric shall be installed as follows:

   a. After the trench is excavated, the foundation lumber shall be placed in the bottom of the trench as shown on the standard drawings. The filter fabric shall be cut to the needed width, including allowances for "loose" placement in the trench, with a double overlap on top of the bedding material after placement. The fabric shall be laid over the foundation lumber in the trench along the pipes alignment with an 18 in. minimum overlap at the ends of subsequent lengths. Care should be taken to place the fabric tightly against the soil so that no voids occur outside the fabric. Wrinkles or folds should be avoided. The sides of the fabric which will be used as a double-top overlap should temporarily be pinned to the sides of the trench.

   b. After installing the fabric, an initial 6 in. layer of bedding material shall be placed and compacted to the proper grade before placing the sewer pipe. The remainder of the bedding material shall then be placed around and above the pipe and compacted. Compaction is required to seat the fabric and bedding material against the trench wall and to reduce settlement.

   c. After compaction, the two edges of the filter fabric shall be unfastened and overlapped for the full width of the trench on top of the bedding material. The backfill material shall then be placed on top of the filter fabric and compacted.

IV. MANHOLES

1. Manholes shall conform to Section D of the General Specifications and S&WB Dwg. Nos. D-870. Short sections of pipe with bell fittings and water stops, as recommended by the manufacturer and as shown on S&WB Dwg. No. 8178-SD, shall be used as connectors for brick manholes. As an alternative, a sand impregnated PVC stub, approved by the S&WB Engineer, may be used and grouted in place using a type three high early strength cement, or quick setting EMBECO, or similar material approved by the S&WB Engineer. KOR-N-SEAL Boots, or approved equal, as shown on S&WB Dwg. No. 8178-SD, shall be used for precast manhole pipe connections.

2. Manhole steps shall conform to S&WB Dwg. No. D-1359.

3. Abandoned sewer mains must be plugged in the manhole. Walls of abandoned manholes shall be removed to a minimum of 2 ft. below finished grade and the abandoned manholes must be filled with sand and flooded. Castings and covers are to be removed and returned to the S&WB Central Yard, 2900 Peoples Ave N.O. LA 70122.

4. All manhole foundation slabs shall be placed on a 6 in. layer of crushed stone or approved equal bedding material in accordance with S&WB Dwg. No. D-870.

V. HOUSE CONNECTIONS

1. House Connections shall be installed using 6 in. solid wall SDR 26 PVC pipe extended to the property line as shown on S&WB Dwg. No. 6312-E5. The use of saddles will not be permitted; all such connections shall be made with the use of approved fittings. All pipe and fittings shall be the same material as the sewer main unless otherwise approved by the S&WB Engineer. House Connections shall have a minimum of 3.5 ft. and a maximum of 4.5 ft. of cover, measured from the gutter line and from the ground surface at the property line. The house connection shall end at the property line or extend through any proposed servitudes adjacent to the property line with a rubber gasketed plastic cap. House connections shall not require bracing, foundation lumber, or bedding. The location of all sewer house connections shall be imprinted on the curb with an "S", 3 in. high and ¼ in. deep as shown on S&WB Dwg. No. 6312-E5.

VI. TESTING AND INSPECTION

1. All installation of sewer mains and related appurtenances will be performed under the inspection of, and to the satisfaction of the S&WB Inspector throughout the course of the work.

2. Infiltration rate for newly installed gravity mains shall be zero gallons. Infiltration test rates for force mains shall not exceed a rate of 250 gallons per in. of diameter per mile, per 24 hours, shall be conducted by the Contractor and observed by the S&WB representative. This test shall be performed only after the backfilled trench has remained flooded for at least 12 hours prior to the test. The trench shall remain flooded during the test. The Contractor shall furnish all material, labor and equipment necessary for this test. If an infiltration test is not performed prior to paving, an exfiltration test may be made as directed by the S&WB Engineer. Any detectable leak shall be repaired by the Contractor at the Contractor's expense. The infiltration test is to be performed by the Contractor and shall be witnessed by the S&WB Inspector.

3. At the completion of backfilling, and prior to final acceptance of the sewer, 100% of the sewer main must be mandreled. This mandrel work shall be witnessed by the S&WB Inspector and performed by the Contractor at no direct pay. The S&WB will provide the mandrels for all tests and the Contractor shall place the pull lines in the mains. The Contractor will have the option of passing the mandrels at any time after final backfill of the trenches but prior to final acceptance. It is required that a S&WB Representative and the Contractor witness the actual mandreling test(s).

4. The sewer line shall be cleaned and videoed prior to the installation of the wearing course. It is required that a S&WB Representative and the Contractor physically eye-witness the actual cleaning and TV/video test(s).

5. The Contractor will be required to repair, at his own expense and in an approved manner, all defects in workmanship or material disclosed by these inspections prior to obtaining final acceptance. The Contractor shall also bear all cost associated with the re-testing, including any cost incurred by the S&WB.

VII. FINAL ACCEPTANCE

1. Before final inspection of the system, the Contractor shall submit an "AS-BUILT" drawing to the Board showing any changes in line or grade from the original drawings, as well as showing the location of all house connections, in accordance with S&WB requirements. It will be the Contractor's responsibility to certify that the "AS-BUILT" drawings are correct. Any inaccuracy as determined by the S&WB in the "AS-BUILT" drawings shall be corrected at the cost of the Contractor.

2. The Contractor must contact the S&WB to set a date for final inspection. In the event the Contractor calls for an inspection and the work is not adequately complete, a new inspection date will then be set at the discretion of the S&WB Inspector.

3. Final acceptance of the system will be subject to a 1-year maintenance period following final acceptance of the project by the S&WB.

REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

SPECIFICATIONS FOR INSTALLATION OF SEWER MAINS

DR. Q. FENG		
TRC.		
CK. B. JONES		GENERAL SUPERINTENDENT
AP. J. BECKER	DWG. NO. 7260-S	
SCALE NONE		
DATE 05-05-05	SET NO.	SHEET NO.

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
08.05.19

Revisions

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Project Number	CN 09418
Drawn By	NBZ
Checked By	JEP

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Sewer Notes

Sheet
C-8.1

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GENERAL STRUCTURAL NOTES:

1. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FABRICATION, TESTING, AND CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE FOLLOWING NOTES. SHOULD CODES OR STANDARDS CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. FOR THE FOLLOWING REFERENCE CODES AND STANDARDS, ONLY THE LATEST EDITION IS APPLICABLE, UNLESS OTHERWISE INDICATED:
   - (A) AMERICAN CONCRETE INSTITUTE (ACI)
   - (B) AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
   - (C) AMERICAN IRON AND STEEL INSTITUTE (AISI)
   - (D) AMERICAN STANDARD FOR TESTING AND MATERIALS (ASTM)
   - (E) AMERICAN WELDING SOCIETY (AWS)
   - (F) RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC)
   - (G) STEEL STRUCTURES PAINTING COUNCIL (SSPC)
   - (H) OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
3. SPECIFIED MATERIALS INCLUDING GROUTS, SEALANTS, ANCHORAGE, MECHANICAL DEVICES, ETC. SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS SET OUT IN THE SPECIFICATIONS.
4. STRUCTURAL DRAWINGS SHALL BE USED AND INTERPRETED IN CONJUNCTION AND COORDINATION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS, AND SPECIFICATIONS.
5. PRIOR TO CONSTRUCTION, CONTRACTOR SHOULD VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE ARCHITECT'S DRAWINGS.
6. CONTRACTOR SHALL VERIFY ALL CAMBER, DEPRESSIONS, SLOPES, OPENINGS, PENETRATIONS, ETC. THROUGH OR WITHIN STRUCTURAL ELEMENTS. ANY STRUCTURAL ELEMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING ANY WORK. ANY INTERFERENCE OR CONFLICT SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER OF RECORD.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL DIMENSIONS AND FIT-UP OF THE STRUCTURE, INCLUDING BUT NOT LIMITED TO, VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE COMMENCING WORK AND ALL AS-BUILT CONDITIONS AS THE WORK PROGRESSES.
9. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, ERECTION, PLACEMENT, MAINTENANCE, DURATION AND REMOVAL OF ANY SHORING, RE-SHORING, BACK-SHORING, BRACING, TIE-BACKS, OR OTHER TEMPORARY SUPPORT STRUCTURES REQUIRED TO SUPPORT ANY PART OF THE NEW OR EXISTING CONSTRUCTION OR SURROUNDING IMPROVEMENTS DURING THE ENTIRE CONSTRUCTION PROCESS TO ENSURE THE SAFETY AND STABILITY OF THE STRUCTURE.
10. ALL WORK AREAS SHALL BE KEPT NEAT, CLEAN, AND SAFE AT ALL TIMES BY THE CONTRACTOR. TRASH AND DEMOLISHED MATERIALS SHALL NOT BE ALLOWED TO ACCUMULATE AT THE SITE DURING EXECUTION OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS. ALL DEBRIS SHALL BE PROPERLY AND LEGALLY DISPOSED OF. ALL ASPECTS OF JOB SITE SAFETY ARE COMPLETELY THE RESPONSIBILITY OF THE CONTRACTOR.
11. STEEL FRAMES ARE "NON-SELF SUPPORTING". ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR ELEMENTS ARE INSTALLED AND COMPLETED.
12. DETAILS SHOWN ON DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
13. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL AND CHARGE OF THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

SHOP DRAWING NOTES:

1. THE GENERAL CONTRACTOR SHALL REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS AND APPROVE AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE PROFESSIONAL OF RECORD. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR REINFORCING, JOIST, DECKING, STRUCTURAL MEMBERS, ETC. ONCE REVIEWED AND STAMPED, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND/OR ENGINEER. FABRICATION AND INSTALLATION SHALL BE MADE FROM ONLY SHOP DRAWINGS NOTED BY THE ENGINEER AS "NO EXCEPTIONS TAKEN".
2. ONLY SHOP DRAWINGS NOTED AS "NO EXCEPTIONS TAKEN" MAY BE RELEASED FOR FABRICATION. SHOP DRAWINGS WITH ANY OTHER NOTATION MUST BE REVISED UNTIL NOTED AS "NO EXCEPTIONS TAKEN". MATERIAL FABRICATED WITHOUT FOLLOWING THIS PROCEDURE SHALL BE SUBJECT TO REJECTION.
3. FABRICATION DRAWINGS SHALL SPECIFICALLY AND PROMINENTLY HIGHLIGHT CHANGES MADE FROM SHOP DRAWINGS WHICH DO NOT STRICTLY COMPLY WITH THE CONTRACT DOCUMENTS AND RECEIVE WRITTEN APPROVAL BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCING FABRICATION.
4. FABRICATION CHANGES THAT RESULT IN MODIFICATIONS TO THE CONTRACT SUM MUST BE APPROVED IN ACCORDANCE WITH PROVISIONS CONTAINED IN THE OWNER-CONTRACTOR AGREEMENT OR PROCEDURES OUTLINED IN THE PROJECT MANUAL/SPECIFICATIONS.
5. ALL CONNECTIONS, INCLUDING TYPICAL FRAMED CONNECTIONS, SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AND ENGAGED BY THE CONTRACTOR. ALL SUCH SHOP DRAWINGS AND OTHER RELATED SUBMITTALS, INCLUDING CALCULATIONS SHALL BEAR THE ENGINEER'S SEAL.
6. CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER SHALL SUBMIT SUBSTANTIATING CONNECTION INFORMATION INCLUDING CALCULATIONS, SOFTWARE RESULTS, CONNECTION DETAILS, AND OTHER RELATED DOCUMENTS TO THE ENGINEER OF RECORD FOR REVIEW.
7. ENGINEER'S REVIEW OF SHOP DRAWINGS AND SUBMITTALS IS ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. CONTRACTOR AND ITS FABRICATOR ARE RESPONSIBLE FOR DIMENSIONS AND QUANTITIES ASSOCIATED WITH THEIR PORTION OF THE PROJECT. ANY MEANS AND METHODS ASSOCIATED WITH THE FABRICATION OF ANY MATERIAL SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND FABRICATOR AS WELL AS THE COORDINATION OF INSTALLATION SEQUENCES AFFECTING OTHER TRADES.
8. ENGINEER'S NOTATION OF "NO EXCEPTION TAKEN" ON SUBMITTED SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR AND FABRICATOR OF RESPONSIBILITY FOR THE DESIGN ADEQUACY OF ALL CONNECTIONS, DETAILED DIMENSIONS ON SHOP DRAWINGS, NOR THE GENERAL FIT-UP OF PARTS AND ELEMENTS TO BE ASSEMBLED IN THE FIELD.
9. NO CHANGES IN DETAILS OR THE SUBSTITUTION OF MEMBERS OR OTHER STRUCTURAL ELEMENTS SHALL BE PERMITTED WITHOUT THE SPECIFIC WRITTEN APPROVAL BY THE ENGINEER.

FOUNDATION NOTES:

1. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL REPORT BY EUSTIS ENGINEERING SERVICES, LLC, REPORT #: 21576 DATED 11-30-11 AND PILE LOAD TEST REPORT BY STRATUM ENGINEERING, LLC, REPORT #: C19-079 DATED 01-02-20.
2. PILE TYPE:

   PILING SHALL BE ONE PIECE TREATED TIMBER PILING (CCA 0.80) SHOWN THUS ● AND ◑ AND SHALL CONFORM TO ASTM D25 CLASS B AND HAVE A MINIMUM TIP DIAMETER OF 7 INCHES AND A MINIMUM BUTT DIAMETER OF 13 INCHES MEASURED 3 FEET FROM THE END OF THE PILE. THE TIPS OF ALL PILES SHALL BE DRIVEN TO AN ELEVATION OF 55 FEET BELOW EXISTING GRADE.

   - (A) DESIGN LOAD = 20 TONS
   - (B) CUT-OFF TREATMENT: BRUSH TREAT TOP OF PILE WITH COPPER NAPTHENATE CONFORMING TO A.W.P.A. SPECIFICATION M4
   - (C) HAMMER, PRE-DRILLING, AND VIBRATION: SEE GEOTECH REPORT FOR RECOMMENDATIONS
   - (D) PILE DRIVER TO MONITOR PILE INSTALLATION FOR VIBRATION AND PROVIDE VIBRATION REPORTS TO ENGINEER OF RECORD.
3. PILING SHALL BE HUBBELL POWER / AB CHANCE SS150 LEAD SECTION WITH AN 8" AND 10" HELIX, 2'-0" IN LENGTH. FOLLOWED BY A SS150 TO RS2.875 x 0.276 WALL PIPE TRANSITION UNIT (7,000 FT-LB). A 2.875 x 0.276 WALL PIPE EXTENSION UNIT WITH A SINGLE 14" HELIX AND 3'-6" IN LENGTH TO BE INSTALLED FOLLOWED BY 7-RS2875 x 0.276 EXTENSION UNITS, 7' IN LENGTH. A RS2875 x 0.276 EXTENSION, 3'-6" IN LENGTH WILL BE PROVIDED IF NEEDED. A NEW CONSTRUCTION BRACKET 2 7/8" PIPE PILE CAP 7" x 7 1/2" THICK WILL BE PLACED AT THE CORRECT PILE CUT OFF ELEVATION.
   - * SHOWN THUS: ◔
   - * LENGTH = DETERMINED ON SITE
   - * DESIGN LOAD = 20 TONS
4. PILE CAPS AND GRADE BEAMS SHALL BE CENTERED ON COLUMNS AND WALLS.
5. PILE CAPS AND GRADE BEAMS MAY BE EARTH FORMED PROVIDED DIMENSIONAL TOLERANCES LISTED IN THE APPLICABLE ACI CODES ARE ADHERED TO.
6. PLACE 15 MIL. STEGO WATERPROOF MEMBRANE BENEATH ALL INTERIOR SLABS AND BEAMS ON GRADE. LAP 12" TO ACCOMMODATE CONCRETE POURING DIRECTION.

CONCRETE NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   - (A) ACI 117 – SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS
   - (B) ACI 301 – SPECIFICATIONS FOR STRUCTURAL CONCRETE
   - (C) ACI 304 – RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE
   - (D) ACI 308 – RECOMMENDED PRACTICE FOR CURING CONCRETE
   - (E) ACI 315 AND 315R – DETAILS AND DETAILING OF CONCRETE REINFORCEMENT
   - (F) ACI 316 – RECOMMENDED PRACTICE FOR CONSTRUCTION OF CONCRETE PAVEMENTS AND CONCRETE BASES
   - (G) ACI 318 – BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
   - (H) ACI 336 – SUGGESTED DESIGN AND CONSTRUCTION PROCEDURES FOR PIER FOUNDATIONS
   - (I) ACI 347 – RECOMMENDED PRACTICE FOR CONCRETE FORM WORK
   - (J) ASTM STANDARDS FOR THE MATERIALS LISTED.
2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONCRETE SHALL A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
   - (B) CONCRETE SHALL BE NORMAL WEIGHT (APPROXIMATELY 150 LBS. PER CUBIC FT.)
   - (C) PORTLAND CEMENT SHALL MEET ASTM C150 TYPE II.
   - (D) AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
   - (E) REINFORCING STEEL SHALL MEET ASTM A615 GRADE 60.
   - (F) WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185.
   - (G) STEEL PLAIN WIRE SHALL MEET ASTM A82.
   - (H) STYROFOAM USED FOR FILLING VOIDS UNDER CONCRETE SHALL BE AMOFORM EXTRUDED POLYSTRENE INSULATION BOARD BY GEOFOAM FOAM PRODUCTS CO. OR APPROVED EQUAL. MINIMUM COMPRESSIVE STRENGTH SHALL BE 30 PSI.
3. SLUMPS:

   CONCRETE SLUMPS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONCRETE WITHOUT WATER-REDUCING ADMIXTURES OR PRIOR TO THEIR ADDITIONS SHALL HAVE A MAXIMUM SLUMP OF 5 INCHES.
   - (B) CONCRETE WITH LOW TO MODERATE RANGE WATER-REDUCING ADMIXTURES SHALL HAVE A MAXIMUM SLUMP OF 6 INCHES.
   - (C) CONCRETE WITH HIGH RANGE WATER-REDUCING ADMIXTURES SHALL HAVE A MAXIMUM SLUMP OF 8 INCHES.
4. EXPOSED EDGE CONDITIONS:
   - (A) EXPOSED EDGES OF CONCRETE ABOVE GRADE SHALL BE CHAMFERED 3/4" AT 45 DEGREES (AS SHOWN ON SECTIONS IF REQUIRED).
5. BONDING:

   BONDING SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONSTRUCTION JOINTS BETWEEN NEW AND HARDENED CONCRETE SHALL BE CLEAN, FREE OF LAITANCE, AND INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4".
   - (B) FOR INSTALLATION OF DOWELS IN HARDENED CONCRETE, CONTRACTOR SHALL DRILL AND EPOXY WITH HILTI HY-HIT 200 OR APPROVED EQUAL.
   - (C) FOR INSTALLATION OF DOWELS IN BRICK MASONRY, CONTRACTOR SHALL DRILL AND EPOXY WITH HILTI HY-HIT 270 OR APPROVED EQUAL.
6. CONCRETE PROTECTION FOR REINFORCEMENT:

   CONTRACTOR SHALL PROVIDE PROTECTIVE COVER FOR REINFORCING LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) 3" FOR CONCRETE GRADE BEAMS AND FOOTINGS DEPOSITED DIRECTLY AGAINST THE GROUND.
   - (B) 2" FOR FORMED CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND.
   - (C) 1" FOR CONCRETE SLABS AND WALLS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND
   - (D) 1 1/2" FOR CONCRETE BEAMS, GIRDERS, AND COLUMNS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND.
7. PLACEMENT:

   PLACEMENT SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) BARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
   - (B) REINFORCING BARS OR FABRIC ON GRADE SHALL BE CHAIRED WITH 3000 PSI CONCRETE BRICKETTES SPACED ADEQUATELY TO SUPPORT THE REINFORCING, BUT NOT GREATER THAN 3'-0" O.C. EACH WAY. AT RAISED FLOORS USE METAL CHAIRS.
   - (C) PROVIDE A 90 DEGREE HOOK ON ALL TOP REINFORCING IN ALL BEAMS AT DISCONTINUOUS ENDS AND LAP SPLICE 30 BAR DIAMETERS AT MID-SPAN.
   - (D) CONTINUOUS BOTTOM BARS SHOULD BE LAP SPLICED 6" AT CENTER OF SUPPORT.
   - (E) LAP ALL WELDED WIRE FABRIC ONE WIRE SPACING PLUS 6 INCHES.
   - (F) COLUMN VERTICAL REINFORCING SHALL HAVE STANDARD HOOKS AT THE TOP OF THE UPPERMOST SECTION OF EACH COLUMN.
   - (G) PROVIDE CORNER BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS. HOOK INSIDE BAR IN WALLS AT ENDS.
   - (H) PLACEMENT OF SLEEVES, HOLES, OR OPENINGS THROUGH BEAMS, FOOTINGS, PILE CAPS, SLABS, ETC. IS NOT PERMITTED WITHOUT ENGINEER OF RECORD'S APPROVAL
   - (I) WHERE POSSIBLE, EXISTING REINFORCEMENT SHALL NOT BE CUT, BENT, OR DAMAGED. WHENEVER REINFORCEMENT IS CUT, DAMAGED OR BENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD. REINFORCEMENT SHALL BE REPAIRED OR REPLACED AS DIRECTED.
8. SPLICES:

   REINFORCEMENT STEEL SPLICES SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) REINFORCING BARS SHALL BE SPLICED WITH CLASS "B" LAP SPLICES.
   - (B) PROVIDE REQUIRED LAP LENGTHS FOR CORNER BARS, TEMPERATURE BARS IN SLAB, INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS, ETC.
9. EXPANSION JOINTS AND JOINT SEALERS:

   EXPANSION JOINTS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) EXPANSION JOINT MATERIAL SHALL BE 1/2" THICK SEAL-TIGHT ASPHALT EXPANSION JOINT FILLER OR APPROVED EQUAL.
   - (B) EXPANSION JOINTS SHALL SEPARATE PAVING FROM FOUNDATION GRADE BEAMS, FOOTINGS, ETC. AS SHOWN ON DRAWINGS.

CONCRETE NOTES (CONT.):

10. EMBEDMENTS:

    CONDUITS, PIPES, ETC. EMBEDDED IN CONCRETE SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

    - (A) CONTRACTOR SHALL SUBMIT FOR APPROVAL A DIAGRAM DEPICTING ALL CONDUITS, PIPES, OR SLEEVES EMBEDDED IN CONCRETE.
    - (B) CONTRACTOR SHALL FOLLOW ALL REGULATIONS OUTLINED IN THE APPLICABLE ACI CODES FOR EMBEDDING CONDUITS, PIPES, ETC.
    - (C) CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH THE ENGINEER OF RECORD'S APPROVAL.
    - (D) IT WILL NOT BE PERMITTED TO CUT, BEND, OR DISPLACE THE REINFORCING STEEL FROM ITS PROPER LOCATION TO INSTALL CONDUITS, PIPES, ETC. WITHOUT THE ENGINEER OF RECORD'S APPROVAL.
    - (E) CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB, BEAM, OR WALL SHALL NOT SIGNIFICANTLY IMPAIR THE STRENGTH OF CONSTRUCTION.
    - (F) OUTSIDE DIMENSIONS FOR SINGLE CONDUITS AND PIPES OR INTERSECTING CONDUITS AND PIPES SHALL NOT OCCUPY MORE THAN AN 1/3 THE OVERALL THICKNESS OF SLAB, BEAM, OR WALL IN WHICH THEY ARE EMBEDDED. ANY CONDUIT OR PIPE LARGER SHALL BE LOCATED BELOW THE RESPECTIVE SLAB OR BEAM.
    - (G) CONDUITS, PIPES, ETC. SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
11. DRILLING HOLES OR CORING HOLES IN EXISTING CONCRETE:

    DRILLING OR CORING HOLES IN EXISTING CONCRETE SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

    - (A) PRIOR TO DRILLING OR CORING HOLES, THE CONTRACTOR SHALL LOCATE ALL EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC. THROUGH NON-DESTRUCTIVE TESTING SUCH AS WITH AN X-RAY, RADAR, ETC.
    - (B) CONTRACTOR SHALL MARK THE LOCATION OF ALL REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, AND OTHER EXISTING INTERFERENCES ON THE SURFACE OF THE CONCRETE.
    - (C) CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ALL CONFLICTS BETWEEN NEW HOLES AND EXISTING REINFORCING, POST-TENSIONING, CONDUIT, PIPING, ETC.
    - (D) CONTRACTOR SHALL DRILL SMALL PILOT HOLES AT NEW HOLE LOCATIONS TO VERIFY NO CONFLICTS EXIST. IF NO CONFLICTS EXIST, COMPLETE THE INSTALLATION. IN THE CASE OF STEEL TO BE FASTENED TO THE EXISTING CONCRETE WITH MULTIPLE ANCHORS, FABRICATE FROM A FIELD TEMPLATE, THE STEEL TO BE FASTENED TO THE CONCRETE BY THE ANCHORS AND COMPLETE THE INSTALLATION.
    - (E) CONTRACTOR SHALL EXERCISE CARE WHEN INSTALLING NEW HOLES TO PREVENT "NICKING" OR CUTTING EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC.
12. QUALITY CONTROL TESTING DURING CONSTRUCTION
    - (A) GENERAL: EMPLOY A TESTING AGENCY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS.
    - (B) SAMPLING AND TESTING FOR QUALITY CONTROL DURING CONCRETE PLACEMENT SHALL INCLUDE THE FOLLOWING, AS DIRECTED BY ARCHITECT.
      1. SAMPLING FRESH CONCRETE: ASTM C 172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH ASTM C 94
      2. SLUMP: ASTM C 143; ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR OF EACH TYPE OF CONCRETE, ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED.
      3. AIR CONTENT: ASTM C 173, VOLUMETRIC METHOD FOR LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE; ASTM C 231, PRESSURE METHOD FOR NORMAL WEIGHT CONCRETE; ONE FOR EACH DAY'S POUR OF EACH TYPE OF AIR-ENTRAINED CONCRETE.
      4. CONCRETE TEMPERATURE: ASTM C 1064; ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F (4 DEG C) AND BELOW, WHEN 80 DEG F (27 DEG C) AND ABOVE, AND ONE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS.
      5. COMPRESSION TEST SPECIMEN: ASTM C 31, ONE SET OF FOUR STANDARD CYLINDERS FOR EACH COMPRESSIVE-STRENGTH TEST, UNLESS OTHERWISE DIRECTED. MOLD AND STORE CYLINDERS FOR LABORATORY-CURED TEST SPECIMENS EXCEPT WHEN FIELD-CURED TEST SPECIMENS ARE REQUIRED.
      6. COMPRESSIVE-STRENGTH TESTS: ASTM C 39; ONE SET FOR EACH DAY'S POUR EXCEEDING 5 CU. YD. PLUS ADDITIONAL SETS FOR EACH 50 CU. YD MORE THAN THE FIRST 25 CU. YD. OF EACH CONCRETE CLASS PLACED IN ANY ONE DAY; ONE SPECIMEN TESTED 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS, AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
    - (C) WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN FIVE STRENGTH TESTS FOR A GIVEN CLASS OF CONCRETE, CONDUCT TESTING FROM AT LEAST FIVE RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN FIVE ARE USED.
    - (D) TEST RESULTS WILL BE REPORTED IN WRITING TO ARCHITECT, STRUCTURAL ENGINEER, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TEST.
    - (E) NONDESTRUCTIVE TESTING: IMPACT HAMMER, SONOSCOPE, OR OTHER NONDESTRUCTIVE DEVICE MAY BE PERMITTED BY SHALL NOT BE USED AS THE SOLE BASIS FOR ACCEPTANCE OR REJECTION.
    - (F) ADDITIONAL TEST: THE TESTING AGENCY WILL MAKE ADDITIONAL TESTS OF IN-PLACE CONCRETE WHEN TEST RESULTS INDICATE SPECIFIED CONCRETE STRENGTHS AND OTHER CHARACTERISTICS HAVE NOT BEEN ATTAINED IN THE STRUCTURE, AS DIRECTED BY ARCHITECT. TESTING AGENCY MAY CONDUCT TESTS TO DETERMINE ADEQUACY OF CONCRETE BY CORED CYLINDERS COMPLYING WITH ASTM C 42, OR BY OTHER METHODS AS DIRECTED.

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THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

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Young Women's Christian Association
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New Orleans, LA 70119
T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

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Title
GENERAL NOTES

Sheet
S1.0A

CONCRETE MASONRY UNIT (CMU) NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) TMS "BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES"

   (B) ASTM STANDARDS FOR THE MATERIALS LISTED.

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) HOLLOW CORE CONCRETE MASONRY UNITS SHALL MEET ASTM C90, LIGHTWEIGHT, TYPE 1, AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI ON THE NET AREA FOR INDIVIDUAL UNITS.

   (B) CMU MORTAR SHALL MEET ASTM C270, TYPE "M" OR "S" AND HAVE A MINIMUM COMPRESSIVE CUBE STRENGTH OF 1,800 PSI AT 28 DAYS.

   (C) CMU GROUT (POURED OR PUMPED) SHALL MEET ASTM C476 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

   (D) REINFORCED MASONRY WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

   (E) STEEL REINFORCING BARS SHALL MEET ASTM A615 GRADE 60.

   (F) JOINT REINFORCING SHALL MEET ASTM A82.

3. REINFORCEMENT:

   REINFORCEMENT SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) REINFORCEMENT SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS SPACED AT INTERVALS NOT EXCEEDING 192 REINFORCING BAR DIAMETERS FOR 10 FEET. ADDITIONAL POSITIONERS SHALL BE PLACED AT ALL REINFORCING BAR SPLICES.

   (B) PROVIDE HORIZONTAL BOND BEAMS AT THE TOP OF ALL WALLS AND AT ROOF. BOND BEAMS SHALL BE REINFORCED AS FOLLOWS:

   WALL WIDTH: 8"

   REINFORCING: 2 – #5

   (C) CONCRETE MASONRY WALLS SHALL HAVE 2 – NO. 9 WIRE GALVANIZED HORIZONTAL JOINT REINFORCEMENT EVERY OTHER COURSE, IN ADDITION TO HORIZONTAL BOND BEAM REINFORCEMENT. TERMINATE BOND BEAM AND HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.

   (D) REINFORCE MASONRY AT BEARING POINTS OF ALL BEAMS, LINTELS, ETC. WITH 1 – #6 (CONTINUOUS TO FOUNDATION) IN EACH BLOCK CORE BENEATH BEARING PLATES.

   (E) PROVIDE DOWELS FOR CMU WALL CONNECTION TO CONCRETE BEAMS, SLABS, AND FOOTINGS. LAP DOWELS 2'–0" (MIN.) WITH VERTICAL BARS.

   (F) REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING.

4. GROUTING

   (A) CMU TO BE LAID IN RUNNING BOND PATTERN

   (B) GROUT PLACEMENT SHALL CONFORM TO APPLICABLE DESIGN STANDARDS; HOWEVER, THE MAXIMUM GROUT POUR HEIGHT SHALL NOT EXCEED 8 FEET AND THE MAXIMUM HEIGHT WHICH GROUT IS PLACED IN ONE CONTINUOUS OPERATION (GROUT LIFT) SHALL NOT EXCEED 4 FEET. THERE SHALL BE A MINIMUM OF 1 HOUR SETTING TIME BETWEEN EACH GROUT LIFT.

   (C) CLEANOUTS SHALL BE CONSTRUCTED ADJACENT TO EACH VERTICAL BAR IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR HEIGHT THAT EXCEEDS 5 FEET. CONSTRUCT CLEANOUTS WITH AN OPENING OF SUFFICIENT SIZE TO PERMIT REMOVAL OF DEBRIS, BUT NO LESS THAN 3 IN. DIMENSION. AFTER CLEANING, CLOSE CLEANOUTS WITH CLOSURES BRACED TO RESIST GROUT PRESSURE. ALL CLEANOUTS SHALL BE LOCATED ON WALL FACE NOT EXPOSED TO VIEW.

   (D) THE TOP OF EACH GROUT POUR SHALL BE 1" BELOW THE BED JOINT.

5. SHORING

   (A) SHORE ALL MASONRY LINTELS UNTIL MASONRY AND GROUT HAVE BEEN ALLOWED TO SET FOR A MINIMUM OF 7 DAYS.

   (B) CONTRACTOR SHALL DESIGN, FABRICATE AND INSTALL BRACING THAT WILL ASSURE THE STABILITY OF THE MASONRY DURING CONSTRUCTION.

STRUCTURAL STEEL NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) AISC – STEEL CONSTRUCTION MANUAL (SCM)

   (B) AISC – SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS

   (C) AISC – CODE OF STANDARD PRACTICE FOR BUILDINGS AND BRIDGES

   (D) AISC/RCSC – SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS

   (E) ASTM STANDARDS FOR THE MATERIALS LISTED

   (F) AISI STANDARDS FOR THE MATERIALS LISTED

   (G) AWS D1.1 – STRUCTURAL WELDING CODE – STEEL

   (H) SSPC MANUAL OF GOOD PAINTING PRACTICE

   (I) SSPC MANUAL OF SYSTEMS AND SPECIFICATIONS

   (J) STRUCTURAL STEEL FABRICATOR SHALL PARTICIPATE IN THE AISC FABRICATOR CERTIFICATION PROGRAM AND BE CERTIFIED BY AISC FOR – STANDARD BUILDING STRUCTURES (STD).

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) STRUCTURAL STEEL W AND T SHAPES SHALL MEET ASTM A992.

   (B) OTHER STRUCTURAL STEEL ROLLED SHAPES, BARS, AND FLAT PLATES SHALL MEET ASTM A36.

   (C) STRUCTURAL STEEL PIPE SHAPES SHALL MEET ASTM A53 GRADE B

   (D) ROUND HSS SHAPES SHALL MEET ASTM A500 GRADE C.

   (E) RECTANGULAR AND SQUARE HSS SHAPES SHALL MEET ASTM A500 GRADE C.

   (F) MACHINE BOLTS SHALL MEET ASTM A307.

   (G) HIGH STRENGTH BOLTS SHALL MEET ASTM F3125 GRADE A325 TYPE I.

   (H) HEAVY HEX NUTS SHALL MEET ASTM A563.

   (I) FLAT CIRCULAR, SQUARE, OR RECTANGULAR BEVELED WASHERS SHALL MEET ASTM F436.

   (J) MECHANICAL DIRECT TENSION INDICATORS SHALL MEET ASTM F959, AS SUPPLIED BY APPLIED BOLTING TECHNOLOGY, INC. OR APPROVED EQUAL

   (K) WELDING ELECTRODES SHALL MEET AWS A5.1 E–7018.

STRUCTURAL STEEL NOTES (CONT.):

3. INSPECTION AND TESTING:

   INSPECTION AND TESTING SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) BOLTED STRUCTURAL JOINTS SHALL BE INSPECTED AS REQUIRED BY AISC/RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" SECTION 9.

   (B) WELDING SHALL BE INSPECTED BY AWS CERTIFIED WELDING INSPECTORS.

   (C) PRIOR TO GALVANIZING OR PAINTING, ALL WELDING SHALL BE VISUALLY INSPECTED AND SHALL MEET THE ACCEPTANCE CRITERIA LISTED IN AWS D1.1 TABLE 6.1 FOR STATICALLY LOADED CONNECTIONS.

4. ANCHOR RODS:

   ANCHOR RODS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) ANCHOR RODS SHALL MEET ASTM F1554 GRADE 36, S1 (WELDABLE SPECIFICATION)

   (B) ANCHOR RODS SHALL BE UNIFIED COARSE THREAD SERIES AND MEET ANSI B1.1 CLASS 2A.

   (C) ANCHOR RODS SHALL BE HOOKED OR HEADED AT THE UNTHREADED END AND NOT MODIFIED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (D) HEAVY HEX NUTS SHALL MEET ASTM A563.

   (E) FLAT CIRCULAR, SQUARE, OR RECTANGULAR BEVELED WASHERS SHALL MEET ASTM F436.

   (F) ANCHOR RODS SHALL BE GALVANIZED.

   (G) ANCHOR ROD THREADS SHALL BE CHASED AFTER GALVANIZING.

   (H) UNLESS TORQUE VALUES ARE SPECIFIED ON THE DESIGN DRAWINGS, ANCHOR RODS SHALL BE SNUG TIGHTENED.

   (I) EPOXY SET ANCHOR RODS SHALL BE INSTALLED USING HILTI HIT–HY 200 (MAX.) SYSTEM OR APPROVED EQUAL IN CONCRETE OR CONCRETE MASONRY UNIT WALLS (GROUT FILLED CELLS).

   (J) EPOXY SET ANCHOR RODS SHALL BE INSTALLED USING HILTI HIT–HY 270 (MAX.) SYSTEM OR APPROVED EQUAL IN MASONRY WALLS.

   (K) EXPANSION ANCHOR RODS SHALL BE HILTI KWIK BOLT 3 AS MANUFACTURED BY HILTI INC. OF HOUSTON, TEXAS OR APPROVED EQUAL.

5. CONNECTIONS:

   CONNECTIONS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) SHOP CONNECTIONS SHALL BE WELDED. FIELD WELDS SHALL BE MADE WITH E–70XX ELECTRODES. ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.

   (B) SPLICES IN STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (C) OPENINGS IN STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (D) BEAMS AND DIAGONAL BRACING SHALL NOT BE RELEASED FROM THE HOIST CABLE UNTIL THE MEMBER IS SECURED BY A MINIMUM OF TWO BOLTS PER END.

   (E) BOLT HOLES IN STRUCTURAL STEEL SHALL BE DRILLED OR PUNCHED IN THE SHOP. ANY FIELD HOLES SHALL BE MECHANICALLY DRILLED OR PUNCHED, AND NO BURNING OF HOLES SHALL BE ALLOWED.

   (F) FIELD CONNECTIONS FOR MAIN STRUCTURAL ELEMENTS SHALL BE MADE WITH HIGH STRENGTH BOLTS.

   (G) FIELD CONNECTIONS FOR PURLINS, GIRTS, STAIRS, LADDERS, AND HANDRAILS SHALL BE MADE WITH MACHINE BOLTS.

   (H) HIGH STRENGTH BOLTS SHALL MEET ASTM A325–X (THREADS EXCLUDED FROM SHEAR PLANE).

   (I) BOLTS SHALL BE 3/4" DIAMETER.

   (J) BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER.

   (K) MINIMUM FILLET WELD SIZE SHALL BE THE GREATER OF 3/16" OR THE REQUIRED SIZE BY AISC SCM SECTION J2.

   (L) FILLET WELDS SHALL BE MADE USING ONLY E–70XX ELECTRODES.

   (M) GUSSET PLATES SHALL BE 3/8".

   (N) STIFFENER PLATES SHALL BE 3/8".

   (O) WELDS SHALL DEVELOP THE FULL STRENGTH FROM THE LESSER OF THE MEMBERS IT JOINS. ALL BUTT, GROOVE, OR BEVEL WELDS SHALL BE COMPLETE FULL PENETRATION.

   (P) SIMPLE BEAM CONNECTIONS (S.B.C.) SHALL BE CAPABLE OF SUPPORTING THE REACTIONS (ONE HALF THE TOTAL LOAD LISTED) OBTAINED FROM AISC SCM TABLES 3–6 THROUGH 3–9.

   (Q) MOMENT CONNECTIONS (M.C.) SHALL BE CAPABLE OF SUPPORTING ONE HALF THE FULL BEAM FLEXURAL STRENGTH.

   (R) BRACING CONNECTIONS (B.C.) SHALL BE CAPABLE OF DEVELOPING THE FULL BRACING MEMBER TENSION STRENGTH. WHEN NOTED, BRACING CONNECTIONS (B.C.) SHALL BE CAPABLE OF DEVELOPING THE COMPRESSION (–) OR TENSION (+) SHOWN ON THE DRAWING.

   (S) THE MAXIMUM ALLOWABLE NUMBER OF BOLT ROWS SHALL BE PROVIDED FOR EACH BEAM DEPTH IN ACCORDANCE WITH AISC SCM PART 10.

   (T) BOLTED CONNECTIONS SHALL BE MADE WITH A MINIMUM OF TWO BOLTS.

   (U) DOUBLE ANGLE BRACING SHALL BE PROVIDED WITH FILLER PLATES AND CONNECTORS AS REQUIRED BY AISC SCM SECTION E6.

   (V) WHENEVER POSSIBLE, GUSSET PLATES FOR VERTICAL DIAGONAL BRACING SHALL CONNECT TO BOTH THE BEAM AND COLUMN.

   (W) TUBULAR MEMBERS SHALL HAVE A CLOSURE PLATE 1/4" SEAL WELDED AT ALL OPEN ENDS.

   (X) (1) HIGH STRENGTH BOLT ASSEMBLY SHALL CONSIST OF A HEAVY HEX HEAD STRUCTURAL BOLT, A HEAVY HEX NUT, ONE OR TWO FLAT WASHERS, AND A MECHANICAL DIRECT TENSION INDICATOR (SEE DETAIL _____ DRAWING).

6. COATINGS:

   COATINGS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) STRUCTURAL STEEL SURFACES SHALL BE PREPARED IN ACCORDANCE WITH SSPC–SP3 POWER TOOL.

   (B) STRUCTURAL STEEL SHALL BE SHIPPED WITH ONE COAT OF SHOP PRIMER EXCEPT FOR GALVANIZED STEEL OR IN AREAS WITH FIREPROOFING.

   (C) STRUCTURAL STEEL, BOLTING MATERIALS, AND MISCELLANEOUS HARDWARE SPECIFIED AS GALVANIZED SHALL BE CLEANED AND HOT–DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM SPECIFICATIONS A123, A143, A153, A384, A386, B695, OR F–2329, WHICHEVER IS APPLICABLE.

   (D) FIELD CHANGES OR REPAIRS OF GALVANIZED MATERIAL SHALL BE DONE BY MEANS OF SURFACE TOLERANT EPOXY COATING, (2) COATS OF INTERSEAL 670HS AS MANUFACTURED BY INTERNATIONAL PAINT LTD OR APPROVED EQUAL.

STEEL JOISTS NOTES:

1. STEEL JOISTS AND ACCESSORIES (INCLUDING BRIDGING) SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S AND STEEL JOIST INSTITUTE'S (SJI) LATEST SPECIFICATIONS AND REQUIREMENTS.
2. THE JOIST MANUFACTURER SHALL CONFIRM THAT ALL ROOF JOISTS CAN SAFELY WITHSTAND NET UPLIFT PRESSURE AS INDICATED IN THE DESIGN CRITERIA UNDER COMPONENTS AND CLADDING DESIGN PRESSURES. BRIDGING SHALL BE SPECIFIED AND PLACED AS REQUIRED FOR LATERAL SUPPORT OF THE BOTTOM CHORDS. THE BRIDGING REQUIREMENTS AS WELL AS ANY ADDITIONAL BRACING OR INCREASE IN MEMBER SIZE FOR THIS LOADING SHALL BE DETERMINED AND PROVIDED BY THE JOIST MANUFACTURER.
3. STRUT JOISTS (S.J.) ARE NOTED ON THE PLANS AND SHALL HAVE BOTTOM CHORD MEMBERS THAT ARE THE SAME AS TOP CHORD MEMBERS. DO NOT CONNECT BOTTOM CHORDS TO BEAMS OR COLUMNS UNTIL FLOOR AND ROOF LOADS ARE IN PLACE ON THE JOIST.
4. ITEMS IMPOSING CONCENTRATED LOADS ON JOISTS SHALL BE PLACED AT JOIST PANEL POINTS. WHERE ITEMS ARE NOT AT JOIST PANEL POINTS, THE JOIST SHALL BE REINFORCED TO DISTRIBUTE THE LOAD TO THE PANEL POINTS.
5. WHERE JOISTS CHANGE DIRECTION, INSTALL 2 1/2" x 2 1/2" x 3/16" TUBE ON BEAMS TO SUPPORT THE STEEL DECK.

METAL FLOOR DECK NOTES:

UNLESS NOTED OTHERWISE, METAL FLOOR DECK SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION.

1. DECKS SHALL MATCH TYPE AND DIRECTION SHOWN ON DRAWINGS.
2. CONTRACTOR SHALL ATTACH DECK TO STEEL STRUCTURAL SUPPORTS WITH HILTI X–ENP–19 FASTENERS. CONTRACTOR SHALL ATTACH DECK TO STEEL BAR JOISTS SUPPORTS WITH HILTI X–HSN 24 FASTENERS.
3. CONTRACTOR SHALL ATTACH TO SUPPORTS USING PATTERNS LISTED BELOW.
   1) INTERMEDIATE: 36/4
   2) END/END LAPS: 36/4
   3) PERIMETER: 12" ON CENTER MAX
   4) SIDELAPS: 36" ON CENTER MAX
4. CONTRACTOR SHALL PROVIDE STEEL ANGLE OR STEEL BENT PLATE ATTACHED TO TOP OF SUPPORT BEAMS ON ALL SIDES OF OPENING THROUGH ELEVATED FLOORS AS SHOWN ON DRAWINGS.
5. CONTRACTOR SHALL PROVIDE POUR STOPS OF LENGTH, DEPTH, AND GAUGE APPROPRIATE FOR OVERHANG AND SLAB DEPTH.
6. CONTRACTOR SHALL SUPPORT FLOOR DECK AROUND ALL OPENINGS AND COLUMNS.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ANY FLOOR DECK OPENINGS LARGER THAN 12 INCHES WHICH ARE NOT SHOWN ON THE DRAWINGS.
8. CONTRACTOR SHALL TOUCH UP IMPERFECTIONS WITH GALVANIZED REPAIR PAINT BEFORE PLACING CONCRETE FLOOR SLABS.

METAL ROOF DECK NOTES:

UNLESS NOTED OTHERWISE, METAL ROOF DECK SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION.

1. DECKS SHALL MATCH TYPE AND DIRECTION SHOWN ON DRAWINGS.
2. CONTRACTOR SHALL ATTACH DECK TO STEEL STRUCTURAL SUPPORTS WITH HILTI X–ENP–19 FASTENERS OR APPROVED EQUAL. CONTRACTOR SHALL ATTACH DECK TO STEEL BAR JOISTS SUPPORTS AND LIGHT–GAUGE STEEL SUPPORTS WITH HILTI X–HSN 24 FASTENERS OR APPROVED EQUAL.
3. CONTRACTOR SHALL ATTACH TO SUPPORTS USING PATTERNS LISTED BELOW.
   (A) INTERMEDIATE: 24/4
   (B) END/END LAPS: 24/4
   (C) PERIMETER: 12" ON CENTER MAX
   (D) SIDELAPS: 36" ON CENTER MAX
4. ROOF DECK AND ITS FASTENINGS TO ITS SUPPORTED FRAMING SHALL BE DESIGNED (AS A MINIMUM) FOR A NET UPLIFT PRESSURE APPLIED TO THE HORIZONTAL PROJECTED ROOF AREA AS INDICATED IN THE COMPONENTS AND CLADDING DESIGN PRESSURES (LISTED IN THE DESIGN INFORMATION SECTION). THE MANUFACTURER SHALL SUBMIT A NOTARIZED AFFIDAVIT STATING FULL DESIGN COMPLIANCE WITH THE UPLIFT CRITERIA.
5. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ANY FLOOR DECK OPENINGS LARGER THAN 12 INCHES WHICH ARE NOT SHOWN ON THE DRAWINGS.
6. ROOF DECK SHALL BE SUPPORTED AROUND ALL OPENINGS, PENETRATIONS, HIPS, AND VALLEYS.
7. PROVIDE HSS 3 1/2 x 2 1/2 x 3/16" AT CENTERLINE OF BEAM TOP FLANGE BETWEEN JOISTS FOR SUPPORT OF DECK WHERE DECK CHANGES DIRECTION.

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THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

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S1.0B

COLD FORMED METAL FRAMING NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) AISI – NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS

   (B) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING – GENERAL PROVISIONS

   (C) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING – PRODUCT STANDARD

   (D) AISI – CODE OF STANDARD PRACTICE FOR COLD-FORMED STEEL STRUCTURAL FRAMING

   (E) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL STRUCTURAL FRAMING

   (F) ASTM STANDARDS FOR THE MATERIALS LISTED

   (G) AWS D1.3 – STRUCTURAL WELDING CODE – SHEET STEEL

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) COLD-FORMED METAL JOISTS, STUDS, AND TRACKS FORMED WITH 20 OR 18 GAGE MATERIAL SHALL CONFORM TO ASTM REQUIREMENTS WITH A YIELD STRENGTH FY = 33 KSI.

   (B) COLD-FORMED METAL JOISTS, STUDS, AND TRACKS FORMED WITH 16, 14, OR 12 GAGE MATERIAL SHALL CONFORM TO ASTM REQUIREMENTS WITH A YIELD STRENGTH FY = 50 KSI.

3. CONNECTIONS:

   CONNECTIONS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) COLD FORMED ELEMENTS SHALL BE CONNECTED WITH #12 STEEL SCREWS.

   (B) SCREWS USED SHALL HAVE THE FOLLOWING MINIMUM DIAMETERS MEASURED OUT TO OUT OF THREADS: #8 – 0.164", #10 – 0.190", #12 – 0.216".

4. COLD FORMED DESIGNATION:

   (A) COLD FORMED METAL MEMBERS ARE CALLED OUT SIMILAR TO THE FOLLOWING DESIGNATION: 600 S 162 – 43. THIS REPRESENTS A 6" DEEP, 1 5/8" FLANGE, 18 GAGE "C" – SHAPED MEMBER.

5. OPENINGS:

   OPENINGS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) HEADER MEMBERS SHALL BE CONSTRUCTED WITH NON-PUNCHED MEMBERS.

   (B) OPENINGS IN EXTERIOR WALLS OR INTERIOR LOAD BEARING WALLS SHALL HAVE HEADERS AS SHOWN ON THE PLANS OR AS FOLLOWS:

OPENING DIMENSION	REQUIRED HEADER MEMBERS
LESS THAN 4'–0"	2 – 600S162–43
4'–1" TO 6'–0"	2 – 1000S162–43
6'–1" TO 8'–0"	2 – 1200S162–43
8'–1" TO 12'–0"	3 – 1200S162–43
12'–1" TO 16'–0"	3 – 1200S162–68
GREATER THAN 16'–1"	SEE PLAN OR CONSULT WITH ENGINEER OF RECORD

   (C) OPENINGS IN EXTERIOR WALLS SHALL BE FRAMED AS SHOWN IN THE TYPICAL DETAILS.

6. PRE-ENGINEERED COLD-FORMED METAL TRUSSES:

   (A) TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE AISI SPECIFICATIONS.

   (B) THE DESIGN, CONFIGURATION, LAYOUT, SPACING, ETC. OF ALL TRUSSES SHALL BE COORDINATED BY THE CONTRACTOR AND TRUSS MANUFACTURER WITH THE MECHANICAL EQUIPMENT, DUCTWORK, AND ARCHITECTURAL DRAWINGS.

   (C) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE TRUSSES FOR REVIEW BY THE ENGINEER OF RECORD. THE SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER.

   (D) EVERY TRUSS MEMBER SHALL BE SIZED AND BRACED SO THAT THE RATIOS OF ITS LENGTH TO ITS DEPTH AND ITS THICKNESS (L/D) ARE LESS THAN 50. MANY OF THE CEILINGS WILL NOT BE RIGIDLY ATTACHED TO THE TRUSS BOTTOM CHORDS. WHERE THIS OCCURS LATERAL BRACING MUST BE DESIGNED AND INSTALLED ON THE BOTTOM CHORDS TO MEET THE LESS THAN 50 L/D RATIO.

   (E) ATTACH TRUSSES TO SUPPORTS WITH SPECIFIED GALVANIZED METAL CONNECTORS.

   (F) IF SHEET METAL CONNECTIONS ARE USED, THE CONNECTORS AT EVERY JOINT SHALL BE SIZED FOR TWICE THE CALCULATED LOADS AT THE JOINT.

DESIGN INFORMATION:

1. DESIGN LOADS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE).

   (A) DESIGN BUILDING CODE – 2021 INTERNATIONAL BUILDING CODE (IBC)

   (B) DESIGN GRAVITY LOADS:

FIRST FLOOR	DL = 75 PSF LL = 100 PSF
FIRST FLOOR ROOF (COLUMN LINE 1 – 6)	DL = 43 PSF LL = 20 PSF
FIRST FLOOR ROOF (COLUMN LINE 12 – 14)	DL = 43 PSF LL = 70 PSF
SECOND FLOOR	DL = 43 PSF LL = 70 PSF
ROOF	DL = 15 PSF LL = 20 PSF

   (C) WIND LOADS SHALL BE IN ACCORDANCE WITH ASCE 7-16:

   MAIN WIND FORCE RESISTING SYSTEM

PARAMETER	VALUE	REFERENCE
RISK CATEGORY	II	TABLE 1.5-1
BASIC WIND SPEED	Vult. = 144 MPH Vasd. = 113 MPH	FIGURE 26.5-1B
DIRECTIONALITY	Kd = 0.85	FIGURE 26.6-1
EXPOSURE CATEGORY	B	SECTION 26.7
TOPOGRAPHIC FACTOR	Kzt = 1.0	FIGURE 26.8-1
GUST EFFECT FACTOR	0.85	SECTION 26.9
ENCLOSURE CLASSIFICATION	ENCLOSED	SECTION 26.10
INTERNAL PRESSURE COEFFICIENT	GCpi = +/-0.18	SECTION 26.11
VELOCITY	qh = 31.15 PSF	SECTION 28.3.2

COMPONENTS AND CLADDING DESIGN PRESSURES (PSF)

EWA (FT^2) \ ZONE	1 INTERIOR ROOF		2 EDGE ROOF		3 CORNER ROOF		4 INTERIOR WALL		5 EDGE WALL	
≤10	14.3	–35.3	14.3	–59.2	14.3	–89.0	35.3	–38.2	35.3	–47.2
20	13.4	–34.4	13.4	–52.9	13.4	–73.8	33.7	–36.7	33.7	–44.0
50	12.3	–33.2	12.3	–44.5	12.3	–53.5	31.6	–34.6	31.6	–39.8
100	11.4	–32.3	11.4	–38.2	11.4	–38.2	30.0	–33.0	30.0	–36.7

NOTES:
1. EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.

COMPONENTS AND CLADDING DIAGRAMS

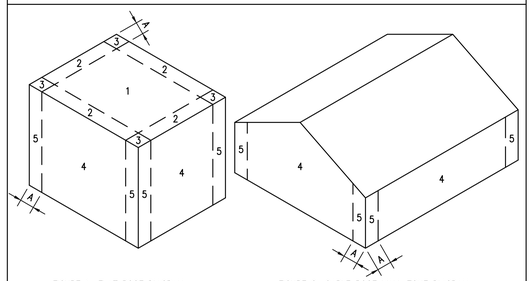

FIGURE 1: FLAT ROOF DIAGRAM

FIGURE 2: GABLE ROOF WALL ZONE DIAGRAM

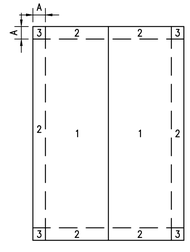

FIGURE 3: GABLE ROOFS θ ≤ 7° ZONE DIAGRAM

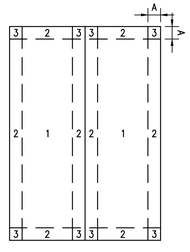

FIGURE 4: GABLE ROOFS θ > 7° ZONE DIAGRAM

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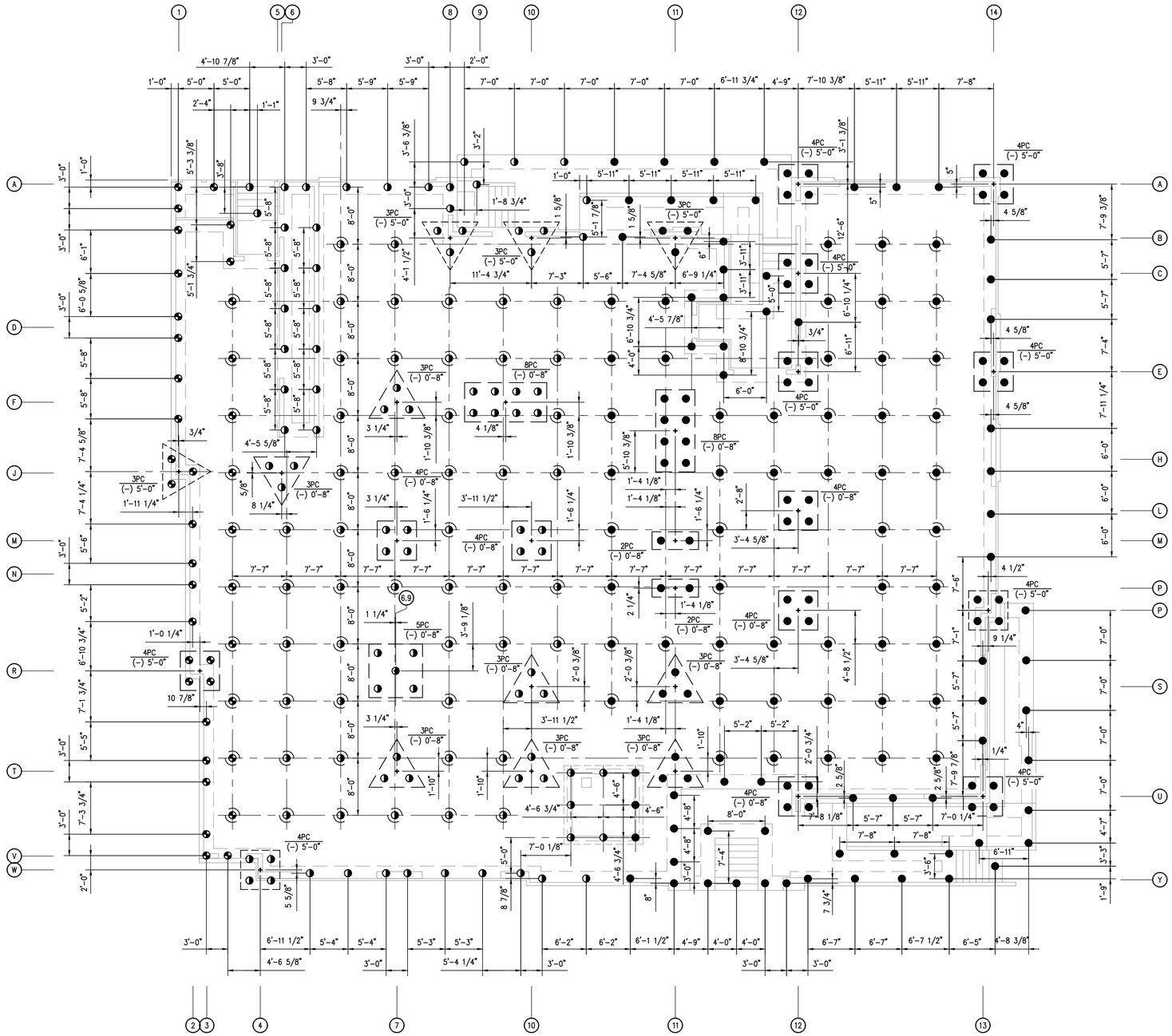
THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593



PILE PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 6" SLAB ELEVATION 0'–0" (RE: ARCH.).
3. + – SYMBOL ON PLAN INDICATES CENTER OF GRAVITY OF PILE CAP (SEE PILE CAP DETAILS DRAWING S1.9).
4. ● – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 178
5. ◑ – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE WITH A PRE–DRILLED HOLE OF 22'–0" (MAX., SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 133
6. ⊕ – SYMBOL ON PLAN INDICATES HELICAL PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 38
7. PC / T.O. PC EL. – PILE CAP DESIGNATION (SEE PLAN). – TOP OF PILE CAP ELEVATION (SEE PLAN).

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TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

PILE PLAN

Sheet

S1.1

AXIS ENGINEERING
CIVIL | STRUCTURAL
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504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

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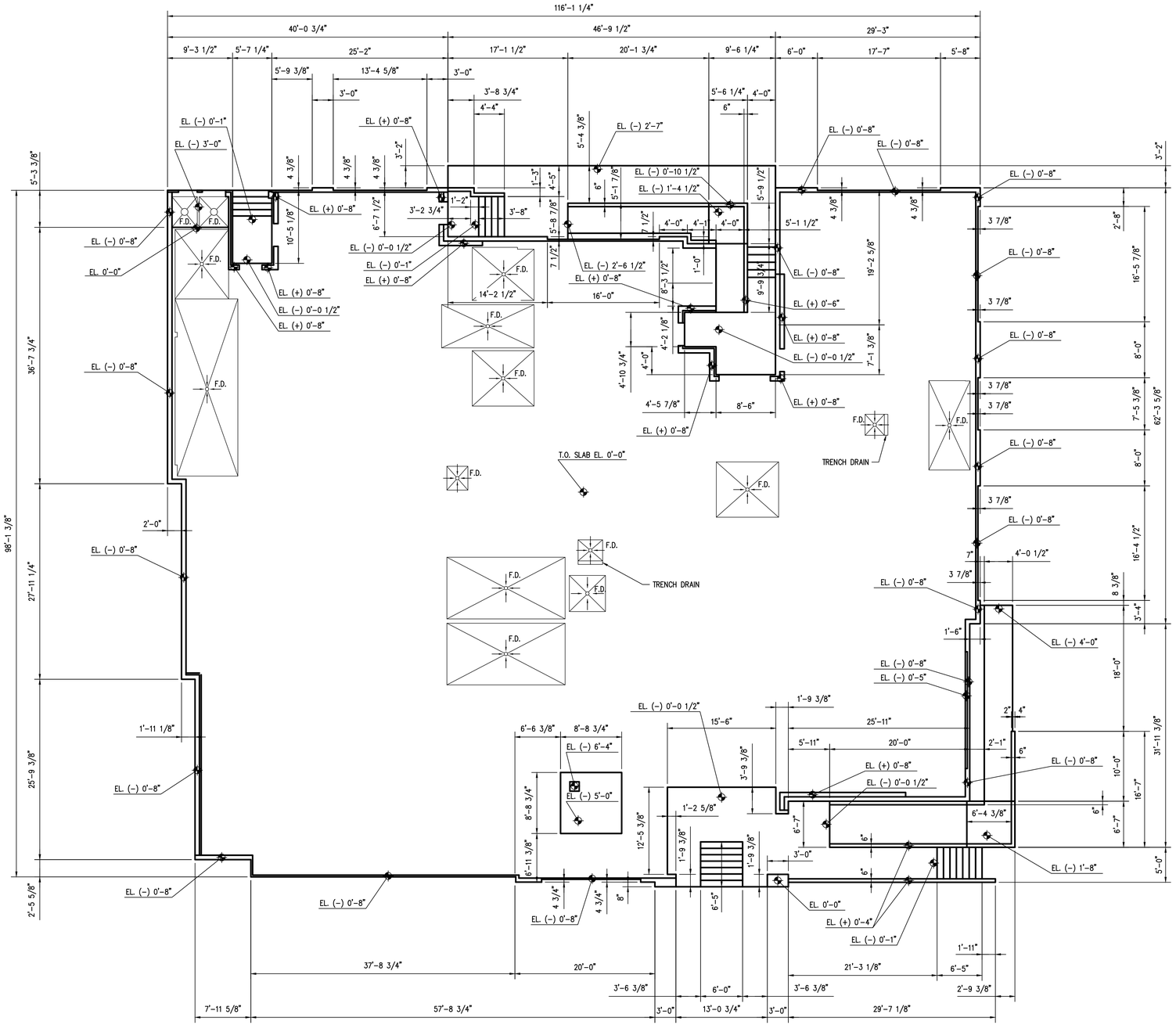
ENGINEER: JAMES B HEASLIP — AE PROJECT #: 22202

LICENSE NUMBER: 31593



SLAB PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 6" SLAB ELEVATION 0'–0" (RE: ARCH.).
3. COORDINATE SLAB LEDGES, CURBS, AND RECESS AREAS WITH ARCHITECTURAL DRAWINGS.
4. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO FORM WORK INSTALLATION.

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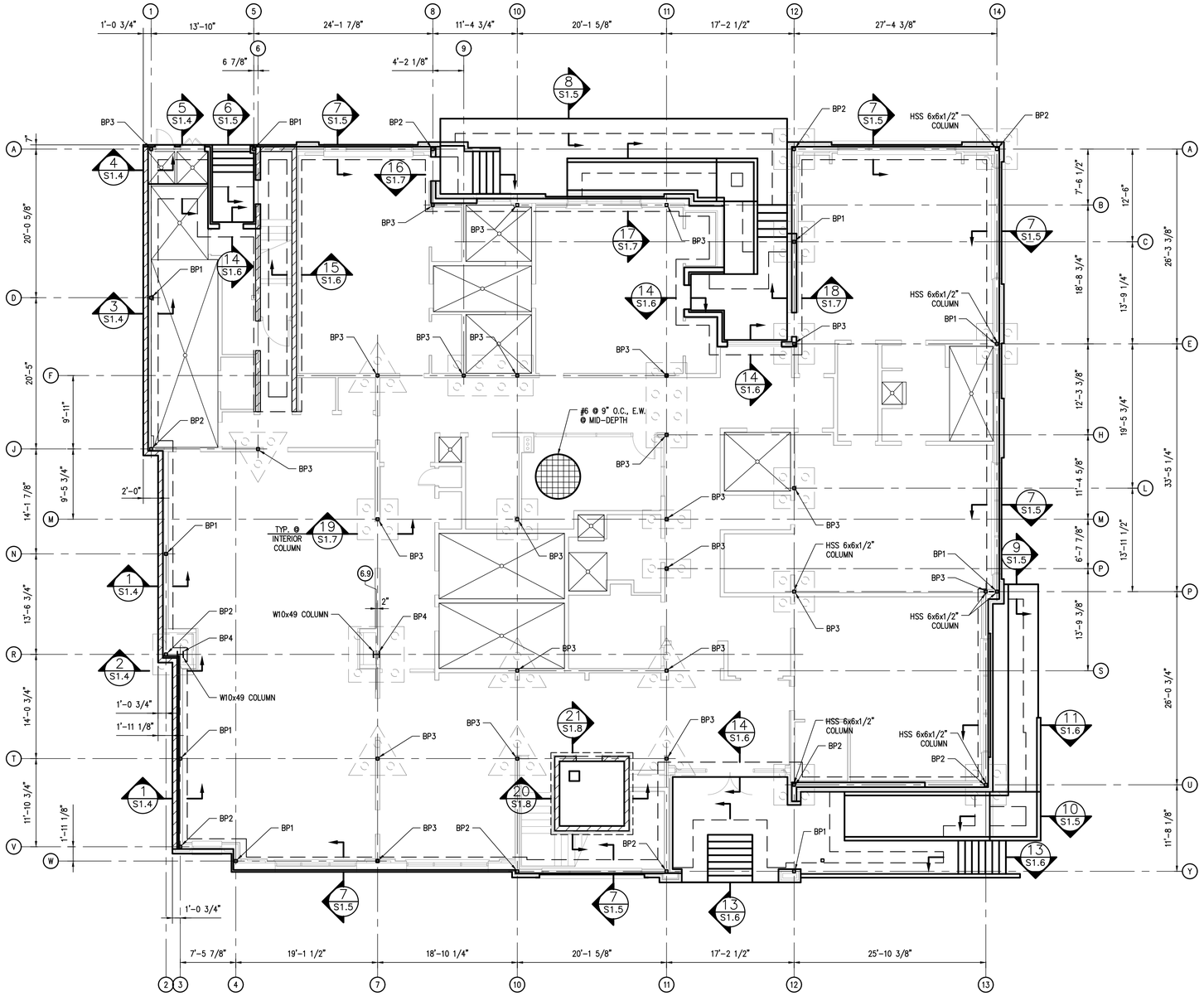
SLA□ □LAN

Sheet

S1.2



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 6" SLAB ELEVATION 0'-0" (RE: ARCH.).
3. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8 COLUMN (TYPICAL UNLESS NOTED OTHERWISE).
4. BP1 – SYMBOL ON PLAN INDICATES TYPE OF BASE PLATE. (SEE DETAILS S1.8).
5. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS WITH REINFORCEMENT).

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1	GEN. REVISION	11.02.22

Interoffice Data

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Title

FOUNDATION PLAN

Sheet

S1.3

AXIS ENGINEERING
CIVIL | STRUCTURAL
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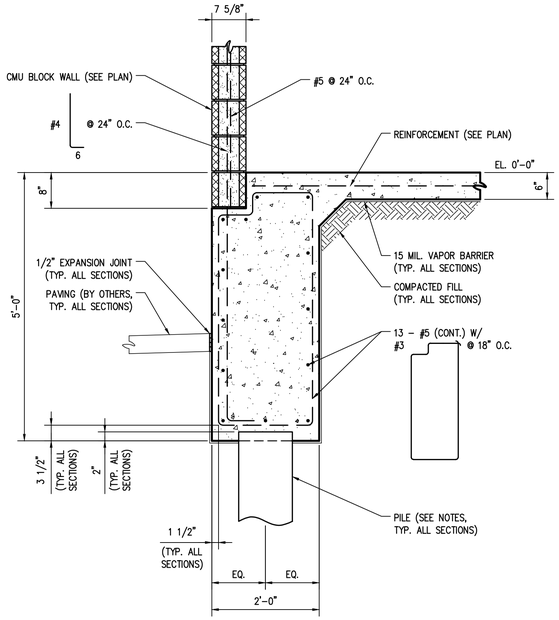
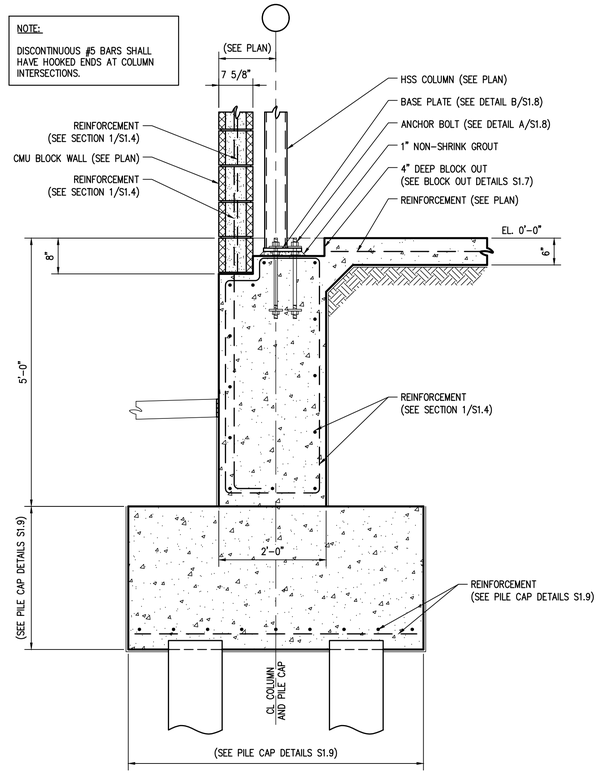
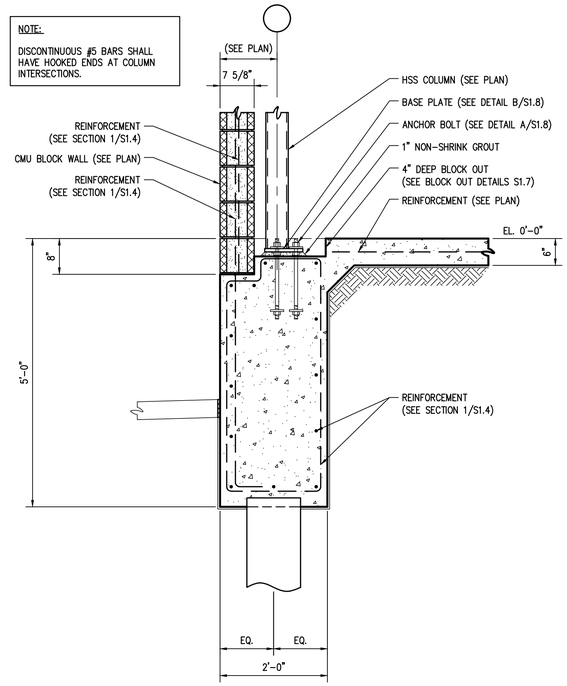
LICENSE NUMBER: 31593



SECTION 1
SCALE: 3/4" = 1'-0" S1.3|S1.4



SECTION 2
SCALE: 3/4" = 1'-0" S1.3|S1.4



SECTION 3
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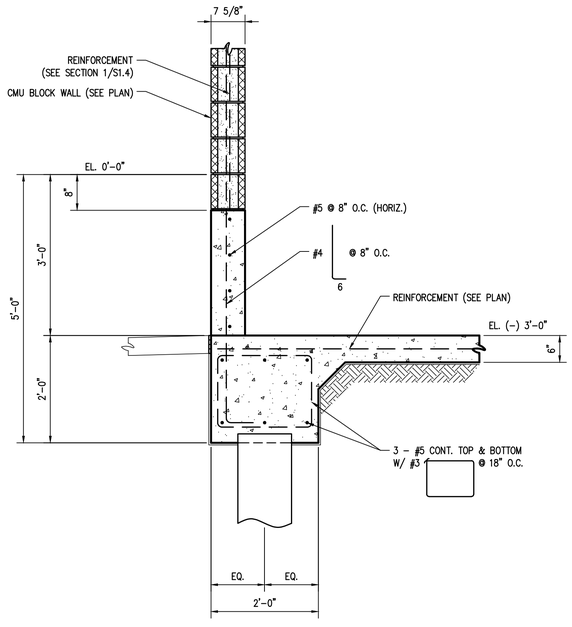
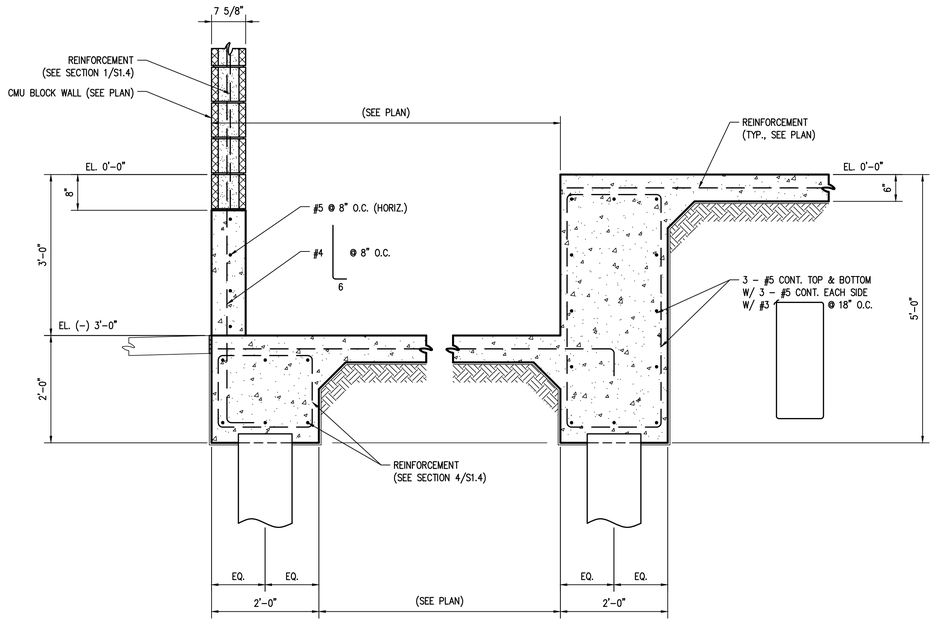


SECTION 4
SCALE: 3/4" = 1'-0" S1.3|S1.4



SECTION 5
SCALE: 3/4" = 1'-0" S1.3|S1.4

CONSTRUCTION DOCUMENTS

YWCA Facility

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Title

□O□NDATION SECTIONS

Sheet

S1.4

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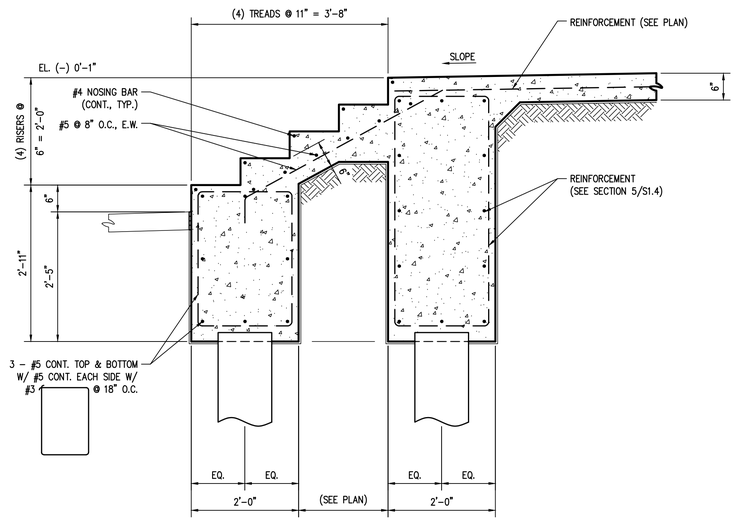
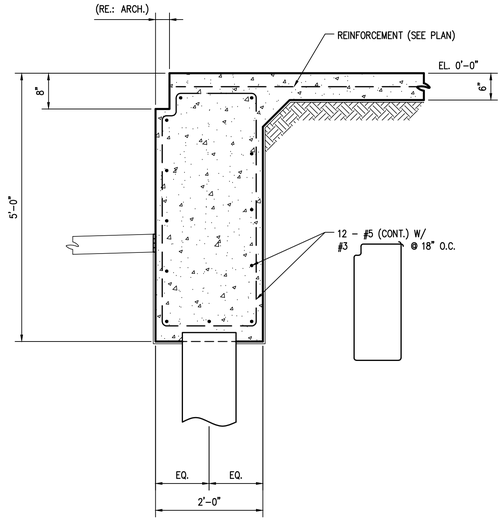


SECTION 6
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 7
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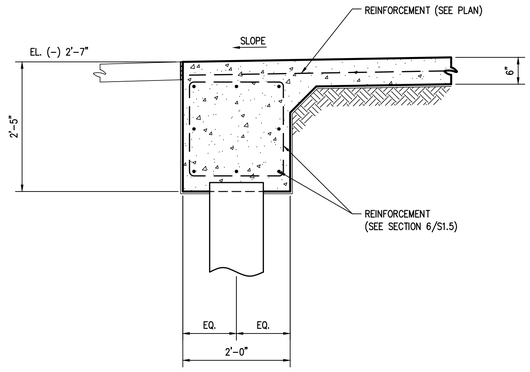
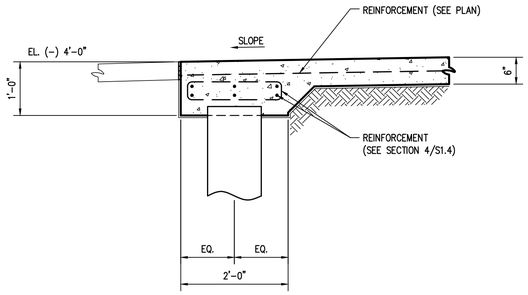
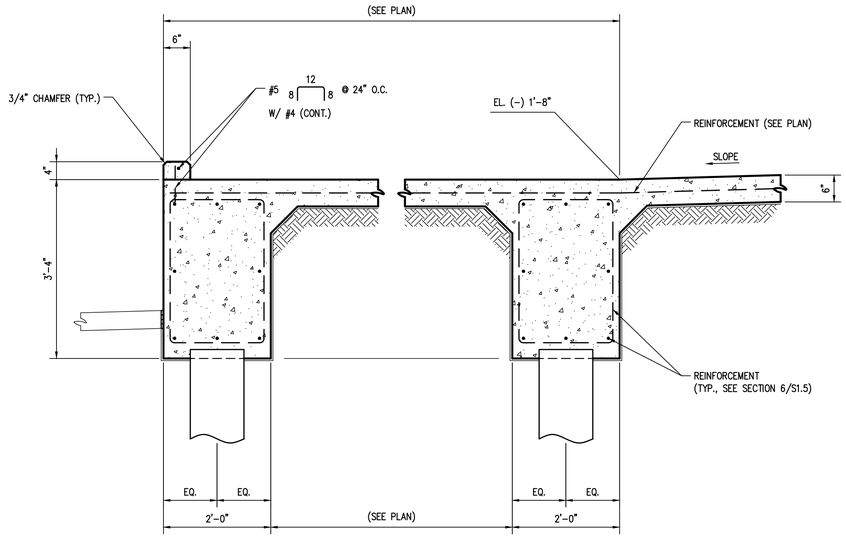


SECTION 8
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 9
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 10
SCALE: 3/4" = 1'-0" S1.3|S1.5

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LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

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STATE OF LOUISIANA
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REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
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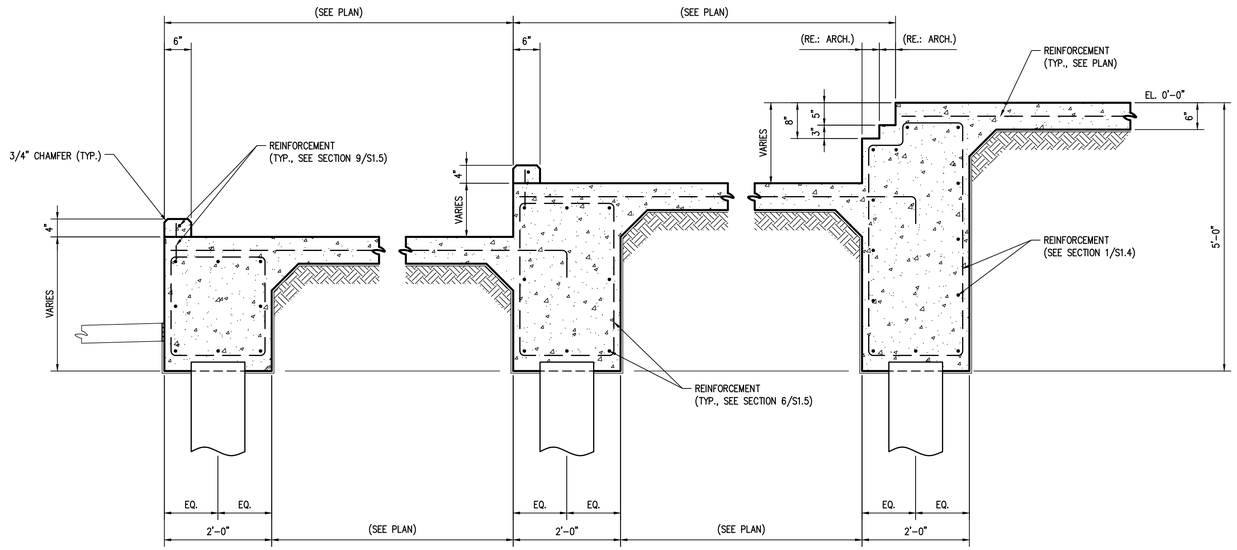
Checked By	JBH

Issue Date
09/05/2023

Title
FOUNDATION SECTIONS

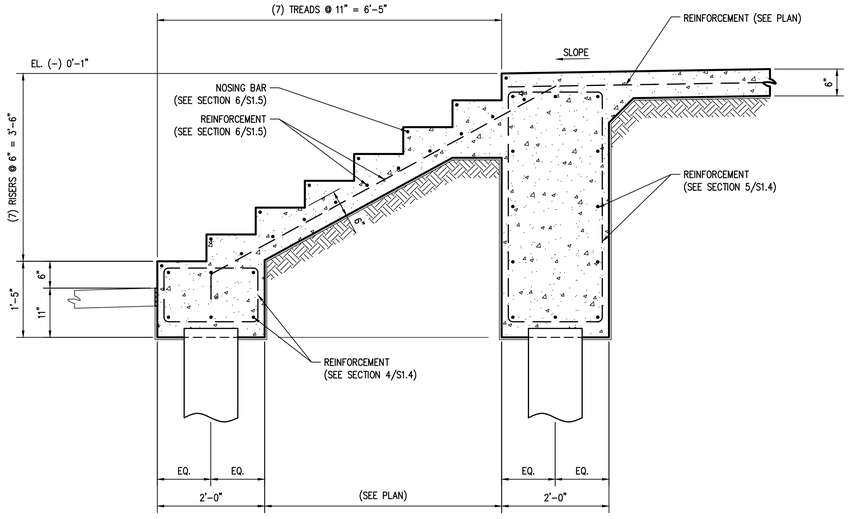
Sheet
S1.5



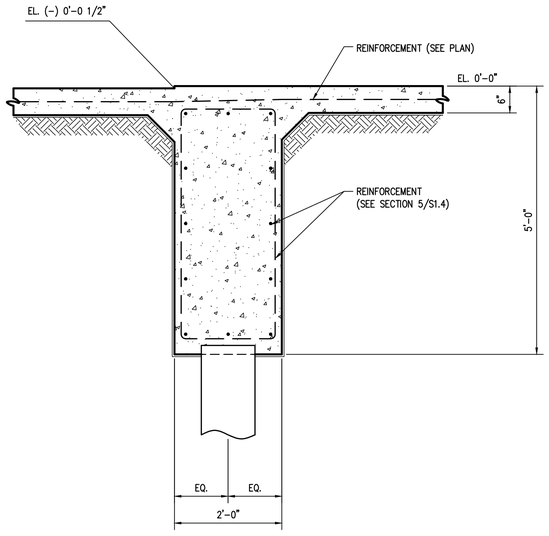
SECTION 11
SCALE: 3/4" = 1'-0" S1.3|S1.6

NOT USED

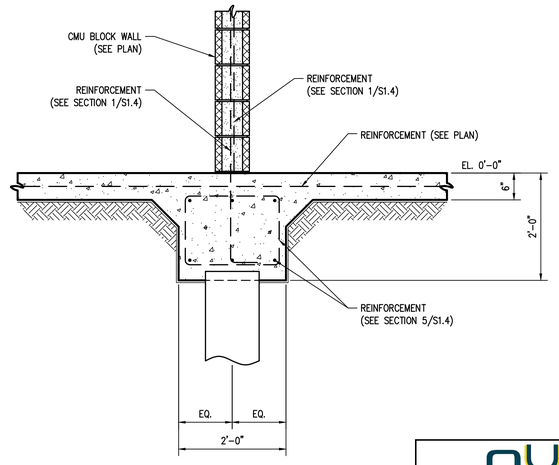
SECTION 12
SCALE: 3/4" = 1'-0"



SECTION 13
SCALE: 3/4" = 1'-0" S1.3|S1.6



SECTION 14
SCALE: 3/4" = 1'-0" S1.3|S1.6



SECTION 15
SCALE: 3/4" = 1'-0" S1.3|S1.6

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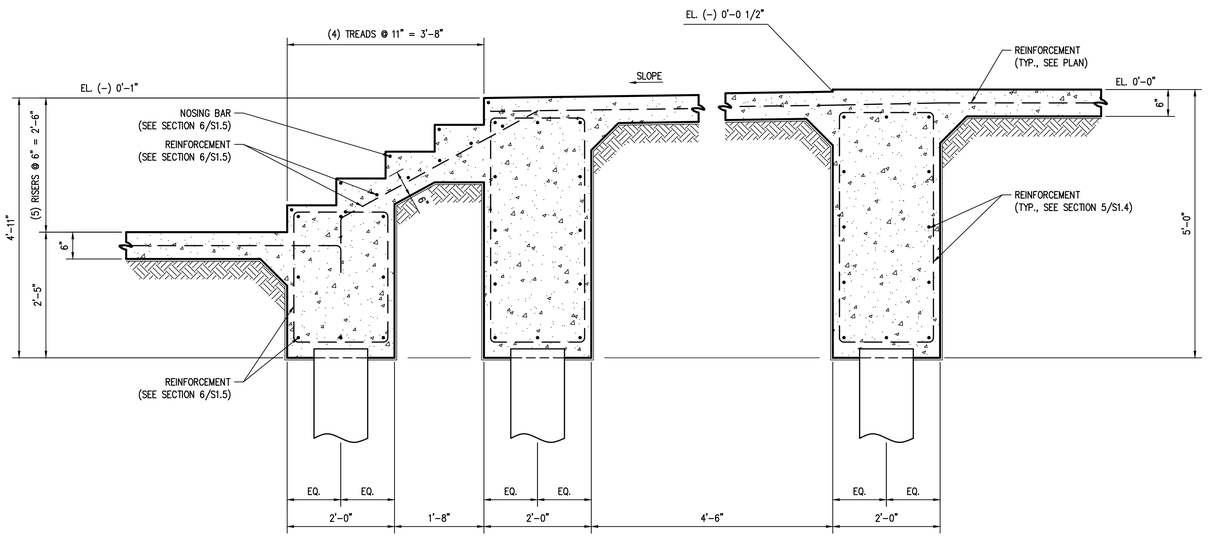
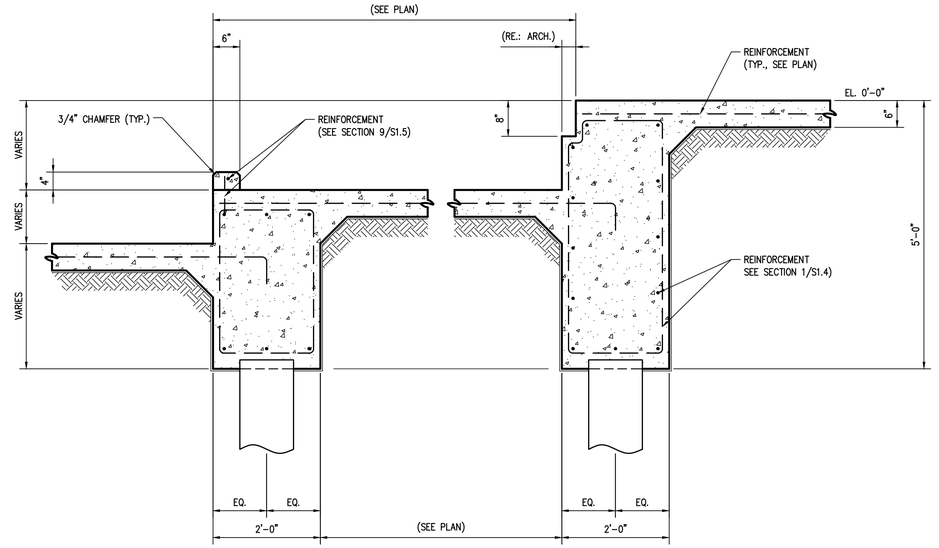
Title
FOUNDATION SECTIONS

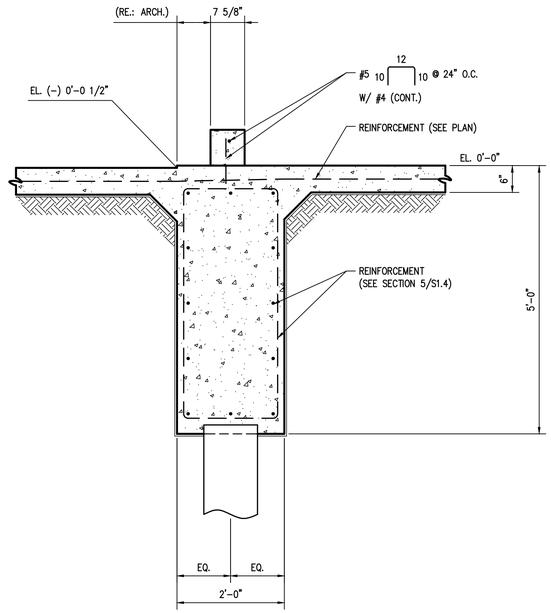
Sheet
S1.6



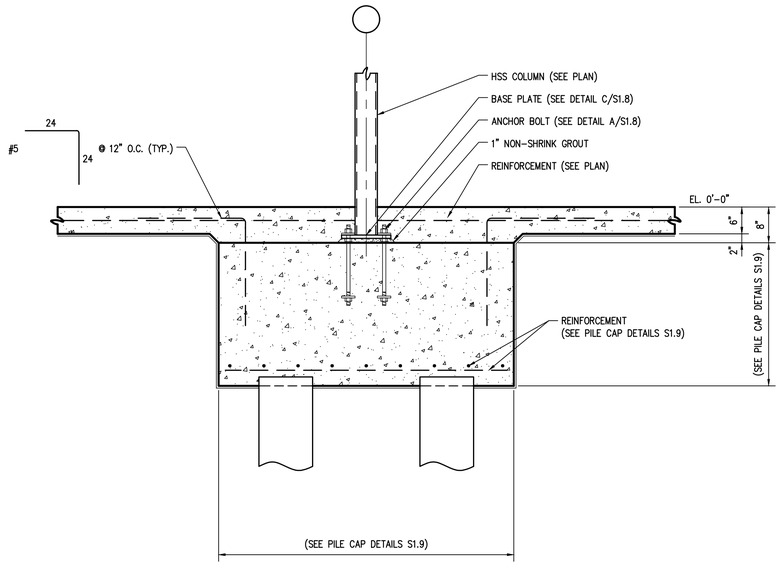
SECTION 16
SCALE: 3/4" = 1'-0" S1.3|S1.7



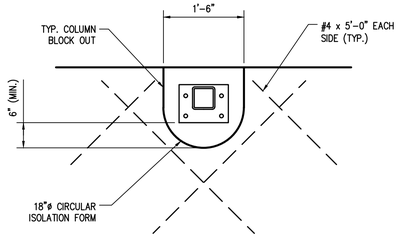
SECTION 17
SCALE: 3/4" = 1'-0" S1.3|S1.7



SECTION 18
SCALE: 3/4" = 1'-0" S1.3|S1.7



SECTION 19
SCALE: 3/4" = 1'-0" S1.3|S1.7



NOTE:

REINFORCE BLOCK OUTS AS SHOWN AND INFILL W/ CONCRETE AFTER COLUMNS HAVE BEEN PLUMBED AND GROUTED.

EXTERIOR COLUMN BLOCK OUT DETAIL
SCALE: 3/4" = 1'-0"

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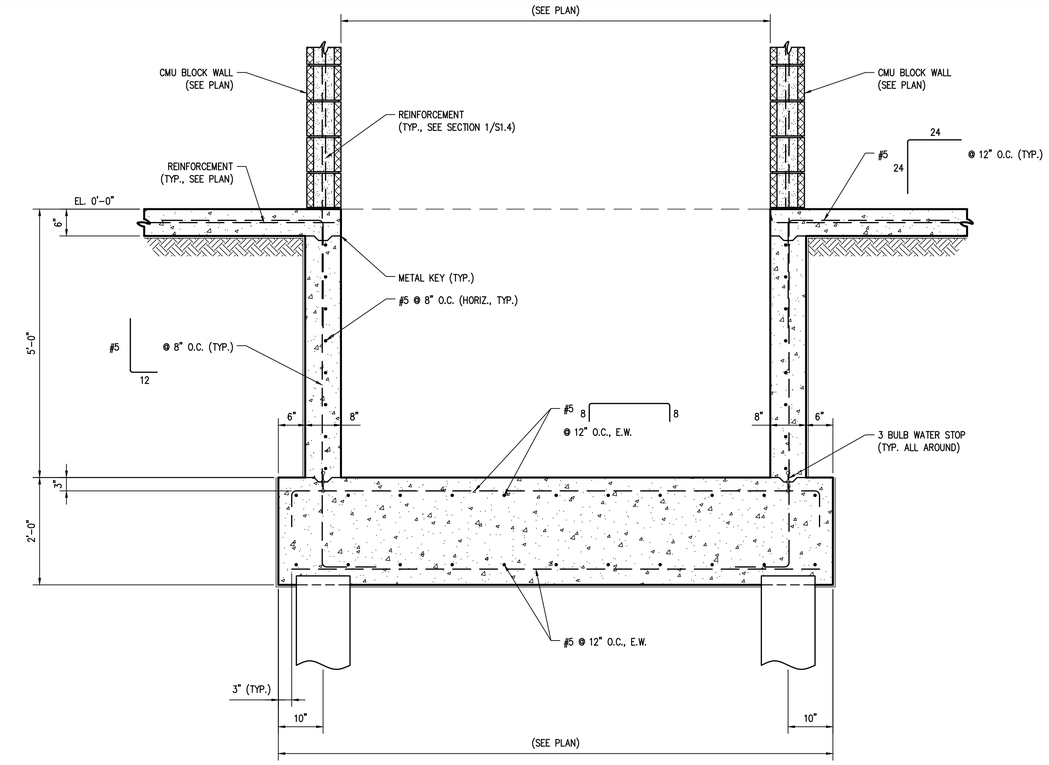
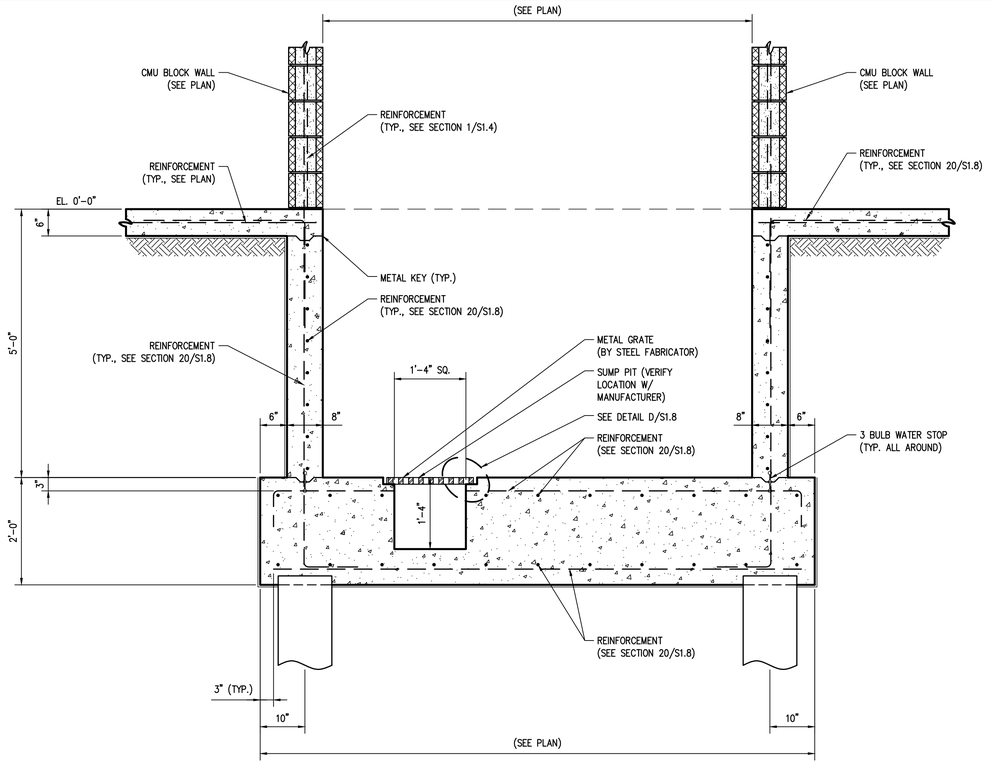
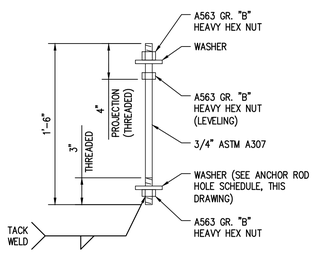
Sheet
S1.7



SECTION 20
SCALE: 3/4" = 1'-0" S1.3|S1.8



SECTION 21
SCALE: 3/4" = 1'-0" S1.3|S1.8



DETAIL A
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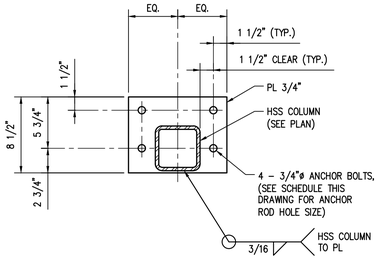
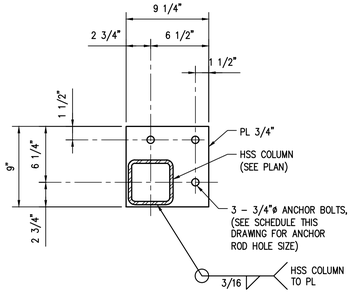


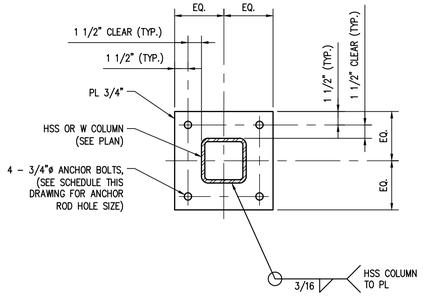
(TYPE BP1)

DETAIL B
SCALE: 1 1/2" = 1'-0" S1.4|S1.8



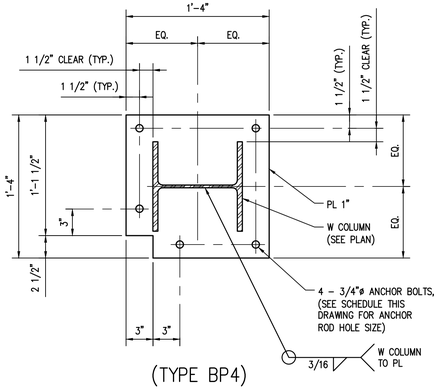
(TYPE BP2)

DETAIL B ALTERNATE
SCALE: 1 1/2" = 1'-0" S1.4|S1.8



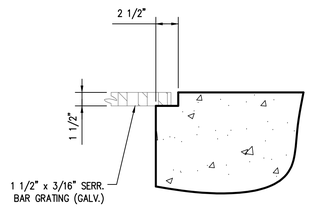
(TYPE BP3)

DETAIL C
SCALE: 1 1/2" = 1'-0" S1.7|S1.8



(TYPE BP4)

DETAIL C
SCALE: 1 1/2" = 1'-0" S1.7|S1.8



DETAIL D
SCALE: 1 1/2" = 1'-0" S1.8|S1.8

BASE PLATE ANCHOR BOLT HOLE SCHEDULE			
ANCHOR ROD DIAMETER (INCH)	HOLE DIAMETER (INCH)	MIN. WASHER DIAMETER (INCH)	MIN. WASHER THICKNESS (INCH)
1/2	1	1 3/4	3/16
5/8	1 1/8	1 3/4	1/4
3/4	1 1/4	2	1/4
7/8	1 1/2	2 1/2	5/16
1	1 3/4	3	3/8
1 1/4	2	3	1/2
1 1/2	2 1/4	3 1/2	1/2

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

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Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
□O□NDATION SECTIONS AND DETAILS

Sheet
S1.8

AXIS ENGINEERING
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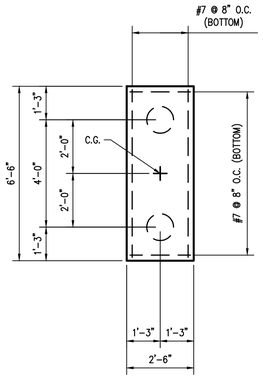
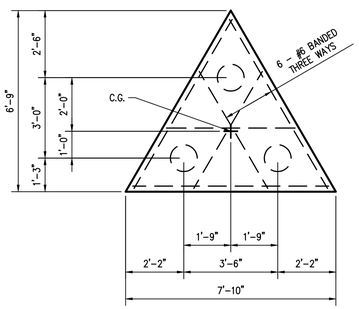
ENGINEER: JAMES B HEASLIP AE PROJECT #:22202
LICENSE NUMBER: 31593



(DEPTH: 2'-4")

2 PILE CAP (2PC)

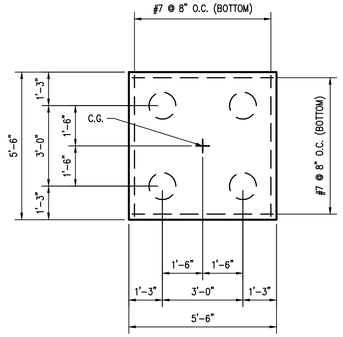
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

3 PILE CAP (3PC)

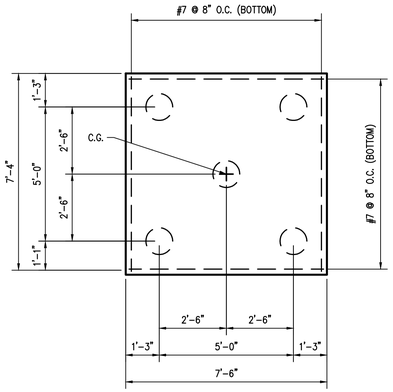
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

4 PILE CAP (4PC)

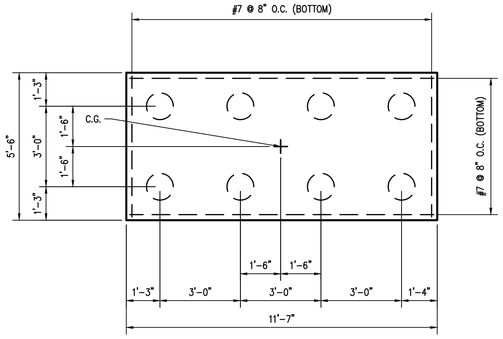
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

5 PILE CAP (5PC)

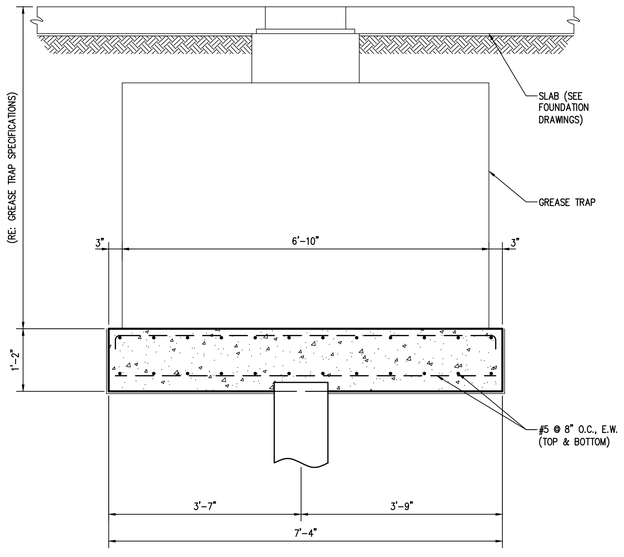
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

8 PILE CAP (8PC)

SCALE: 3/8" = 1'-0"



TYPICAL GREASE TRAP FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"

CONSTRUCTION DOCUMENTS

YWCA Facility

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Contractor

Revisions

Interoffice Data

Project Number	CN 09418
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Checked By	JBH

Issue Date

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Title

□ILE CA□ DETAILS

Sheet

S1.9

AXIS ENGINEERING
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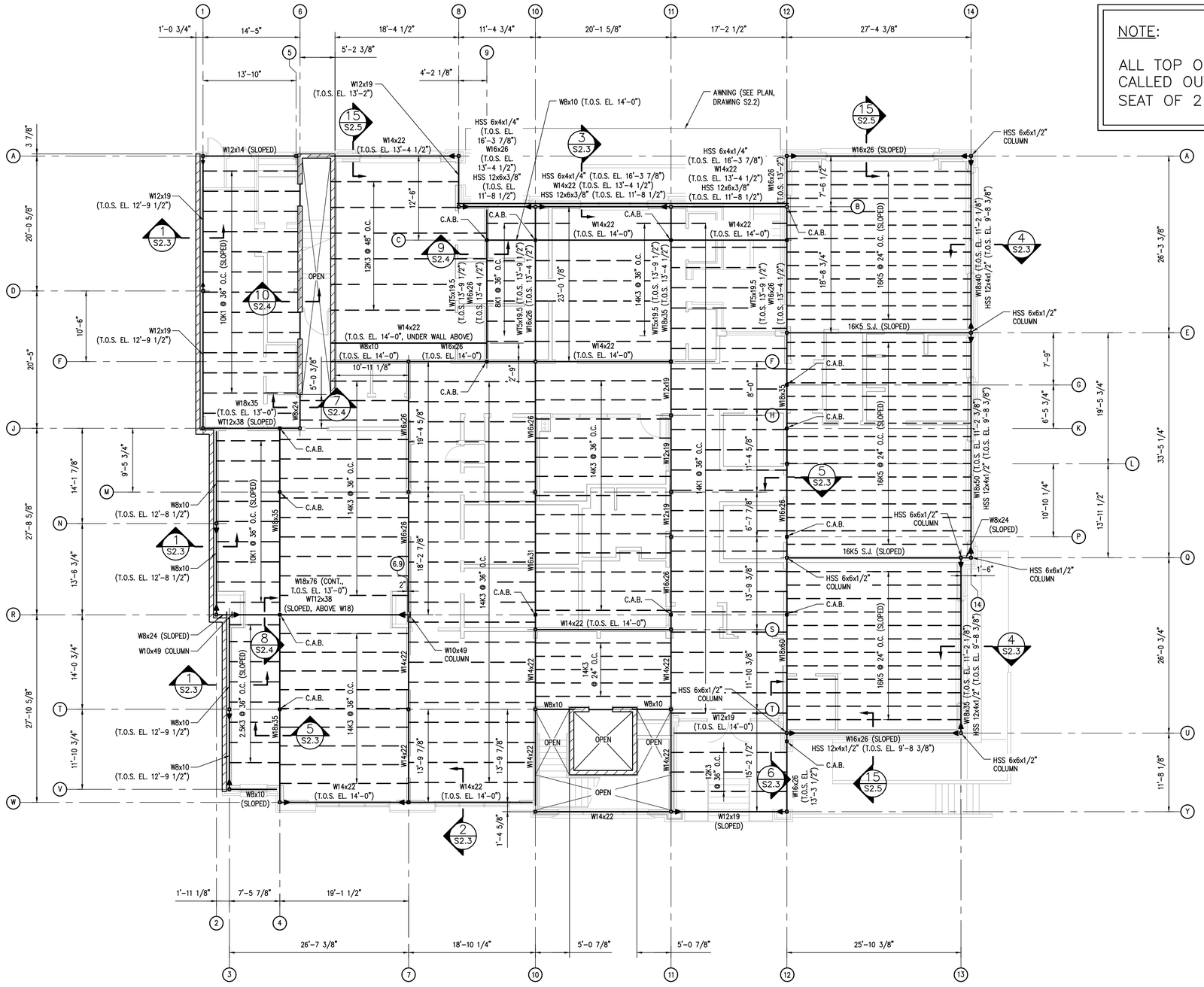
LICENSE NUMBER: 31593

NOTE:

ALL TOP OF STEEL ELEVATIONS CALLED OUT ASSUME A BAR JOIST SEAT OF 2 1/2", ADJUST AS NEEDED.



SECOND FLOOR / LOW ROOF FRAMING PLAN (T.O.S. EL. 13'-9 1/2" TYP. U.N.O.)

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8" (TYP. U.N.O.).
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.
4. C.A.B. – SYMBOL ON PLAN INDICATES COLUMN ABOVE BEAM.
5. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS).
6. PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AT 12'-0" O.C., MAX. PLACE JOINTS ON COLUMN LINES AND AT MIDPOINT BETWEEN COLUMN LINES. COORDINATE LOCATION OF JOINTS WITH JOINT PATTERNS IN EXPOSED CONCRETE.

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ENGINEER: JAMES B HEASLIP — AE PROJECT #: 22202

LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

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STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Revisions

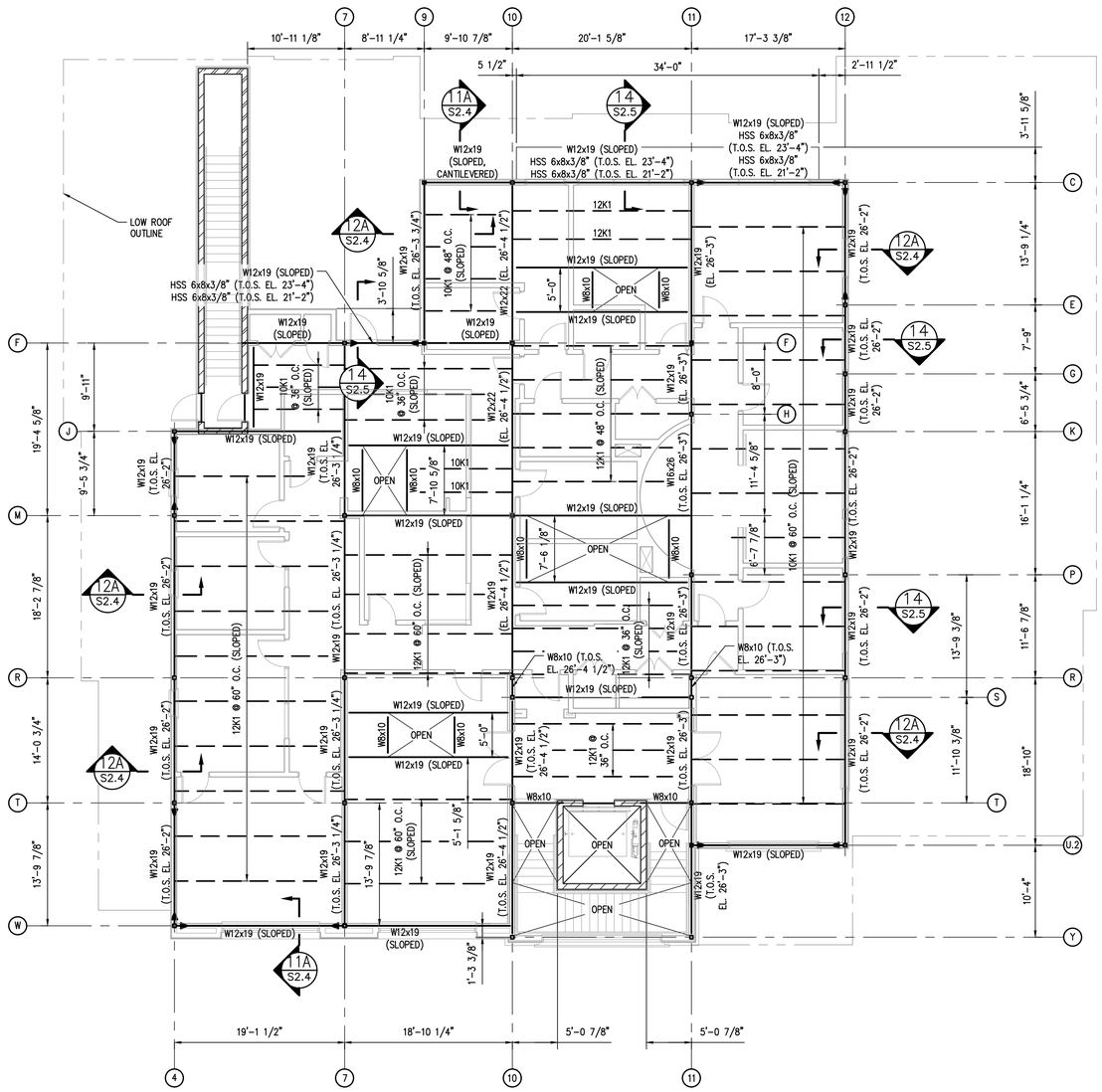
Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
SECOND FLOOR / LOW ROOF FRAMING PLAN

Sheet
S2.0



HIGH ROOF FRAMING PLAN (T.O.S. EL. VARIES SEE PLAN)

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.
4. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS).

CONSTRUCTION DOCUMENTS

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Revisions

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Title

ROO□
□RAMING
□LAN

Sheet

S2.1

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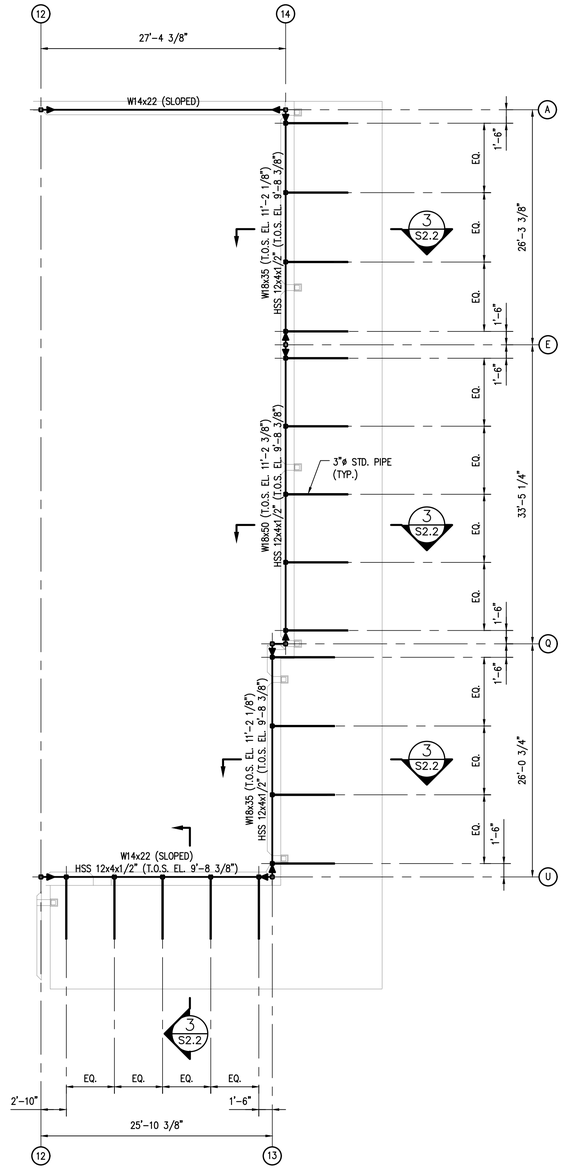
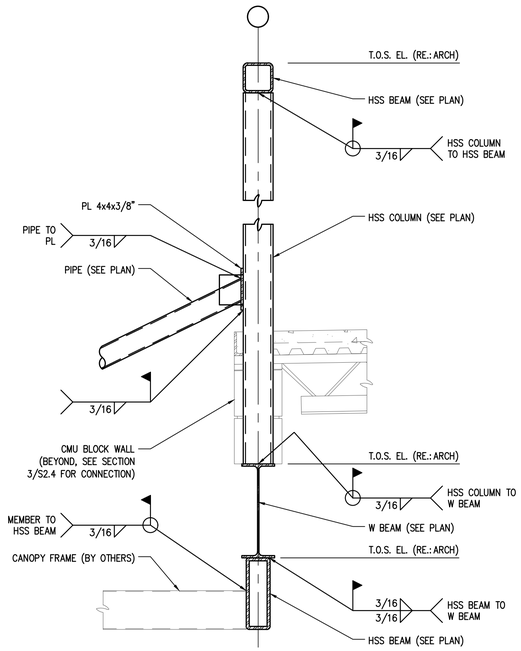
LICENSE NUMBER: 31593



CANOPY FRAMING PLAN (T.O.S. EL. VARIES SEE PLAN)

SCALE: 1/8" = 1'-0"



SECTION 3/S2.2 ALTERNATE

SCALE: 1" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.

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LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

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New Orleans, LA 70119

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STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
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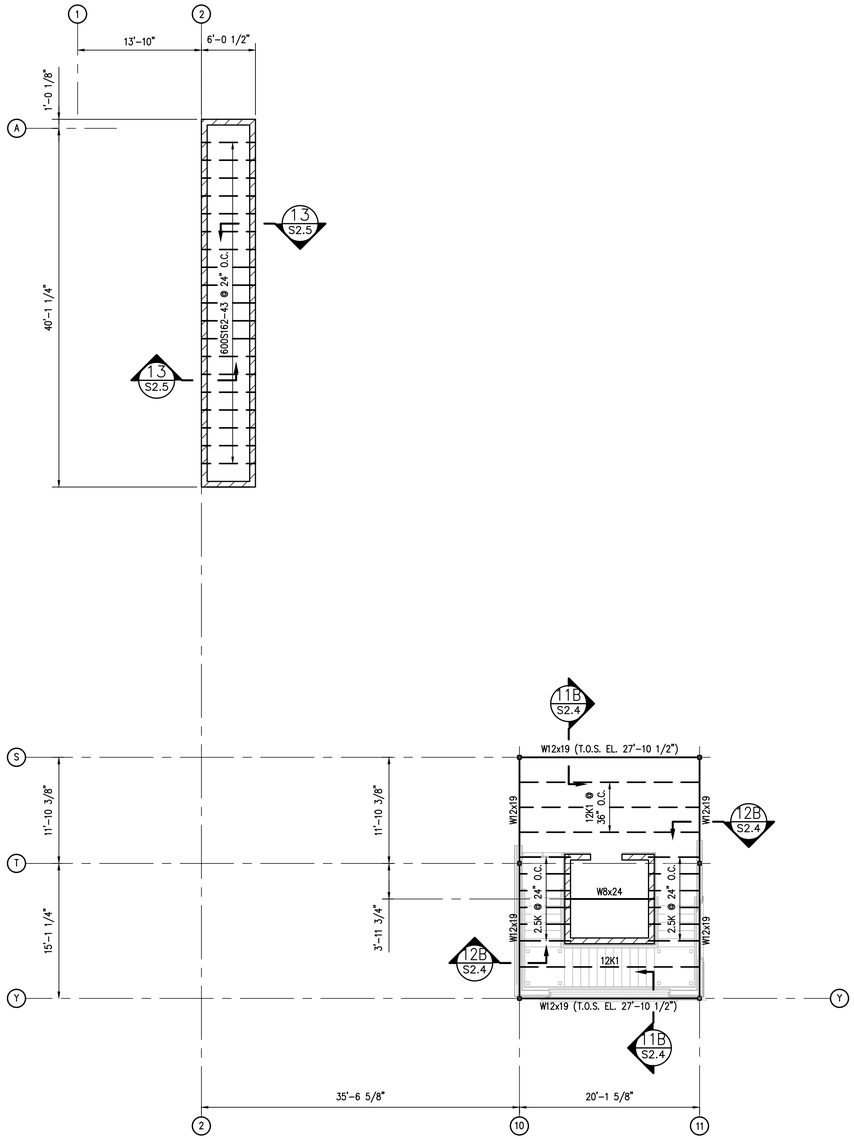
Title

CANOPY FRAMING PLAN AND SECTION

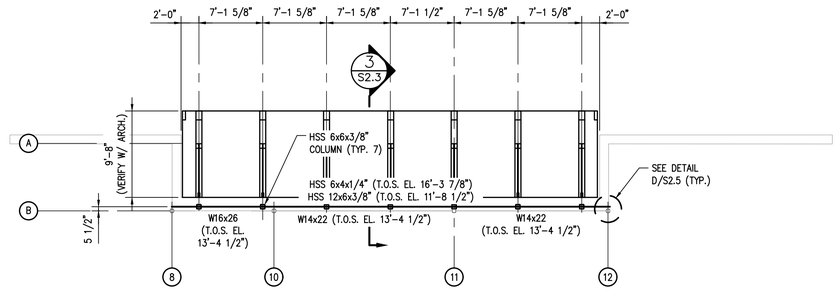
Sheet

S2.2 ALT.



HIGH ROOF FRAMING PLAN (T.O.S. EL. 28'-1", TYP. U.N.O.)

SCALE: 1/8" = 1'-0"

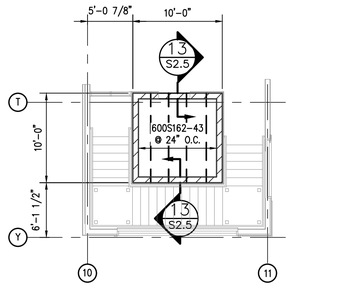


AWNING FRAMING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTE:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.



ELEVATOR ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL.

CONSTRUCTION DOCUMENTS

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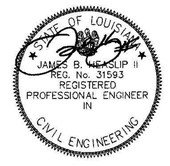

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

HIGH ROO□□
ELE□ATOR ROO□□
AND AWNING
□RAMING □LANS

Sheet

S2.2

AXIS ENGINEERING
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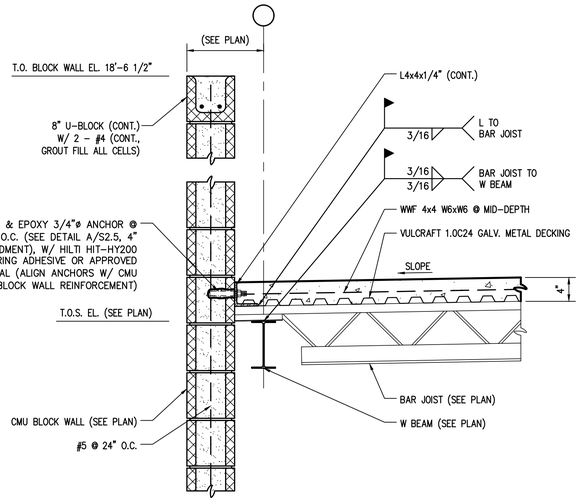
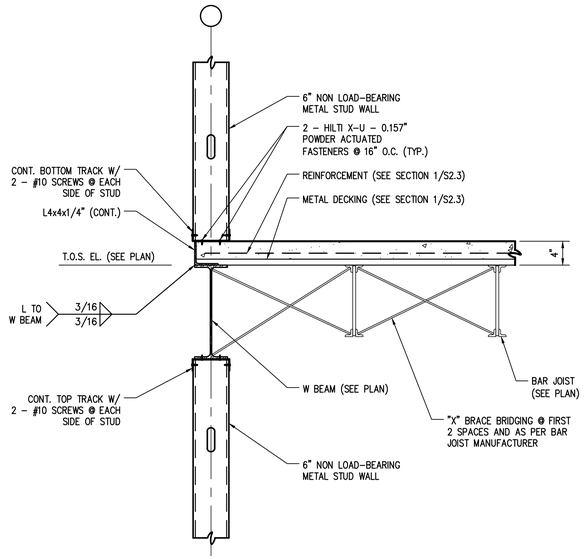
ENGINEER: JAMES B HEASLIP AE PROJECT #:22202

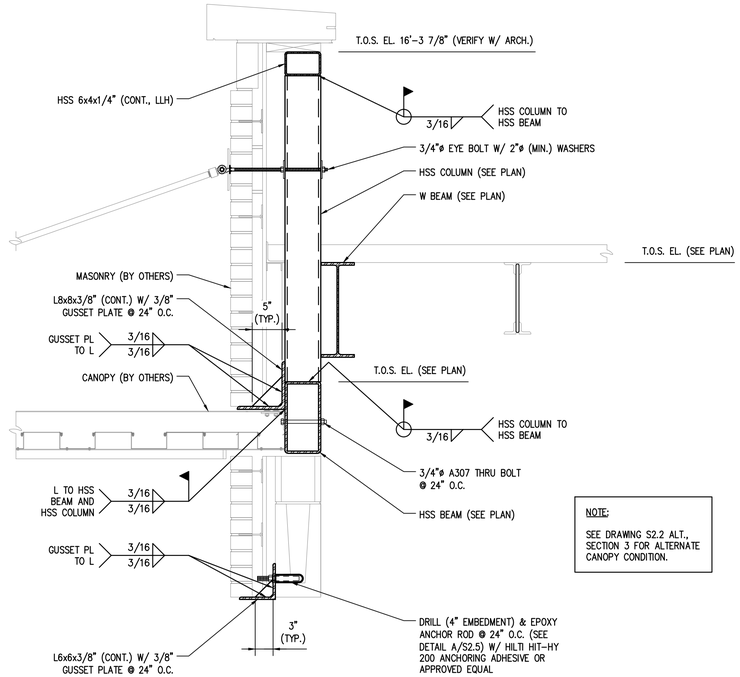
LICENSE NUMBER: 31593



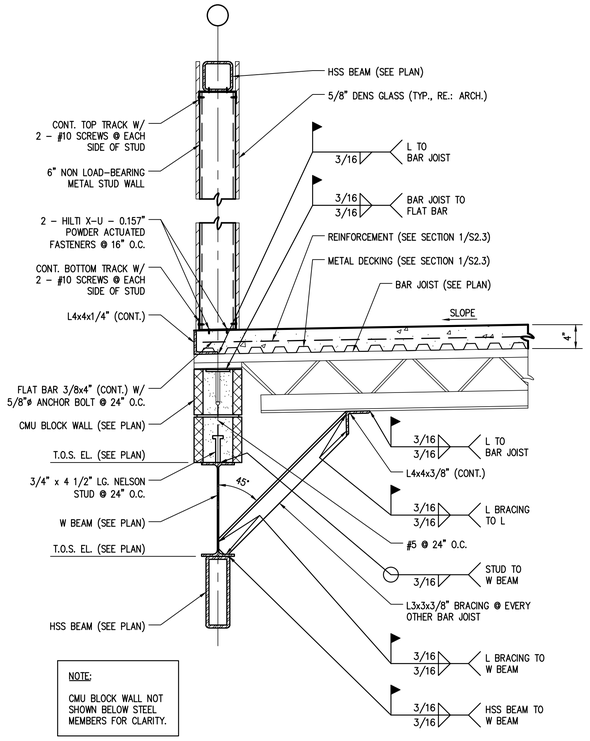
SECTION 1
SCALE: 1" = 1'-0" S2.0|S2.3



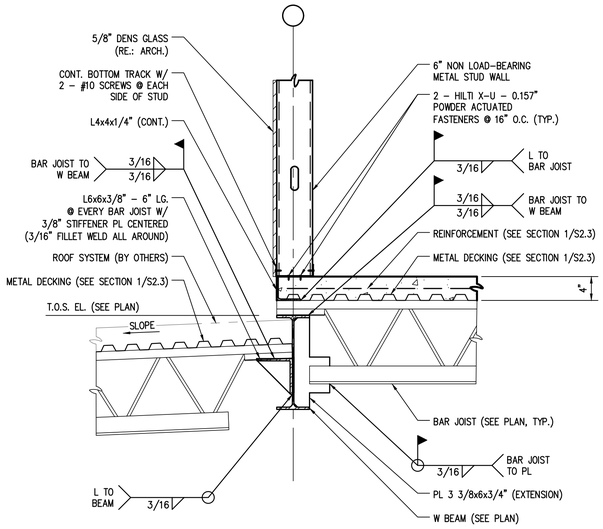
SECTION 2
SCALE: 1" = 1'-0" S2.0|S2.3



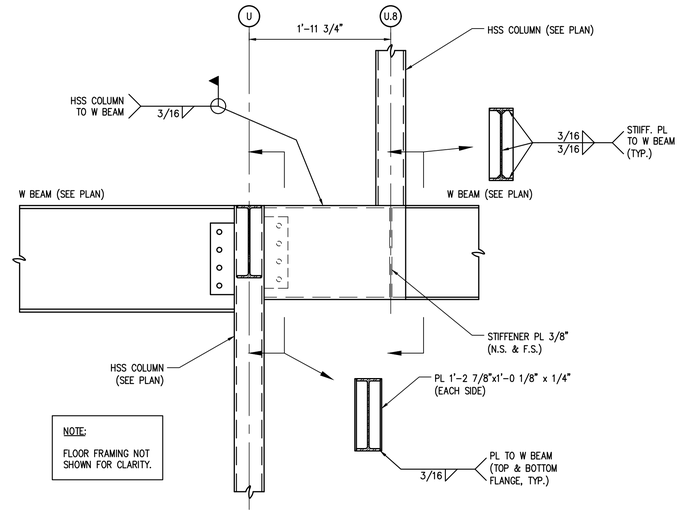
SECTION 3
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 4
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 5
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 6
SCALE: 1" = 1'-0" S2.0|S2.3

CONSTRUCTION DOCUMENTS

YWCA Facility

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STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
□RAMING SECTIONS

Sheet
S2.3

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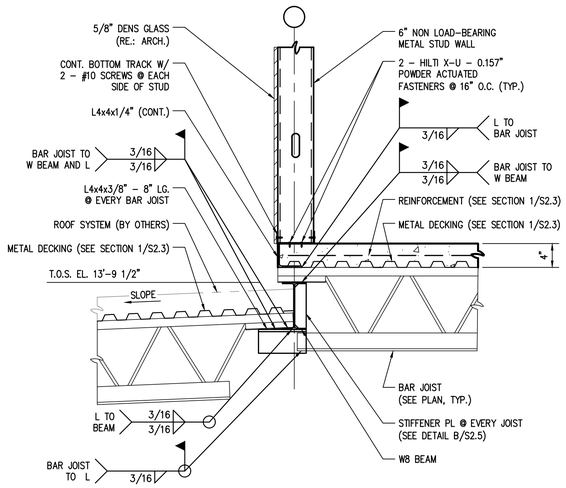
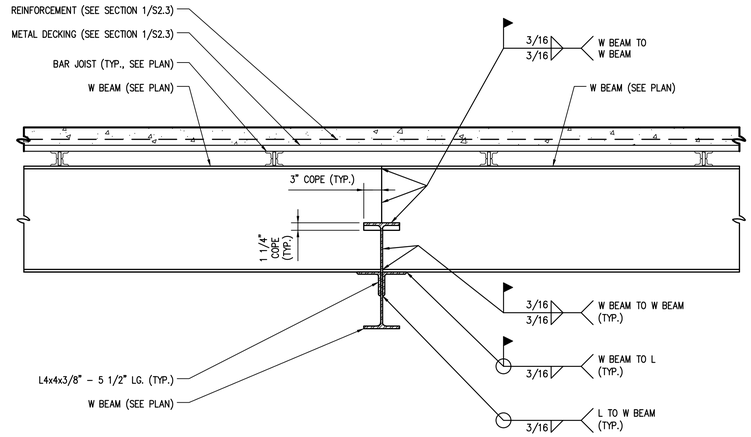
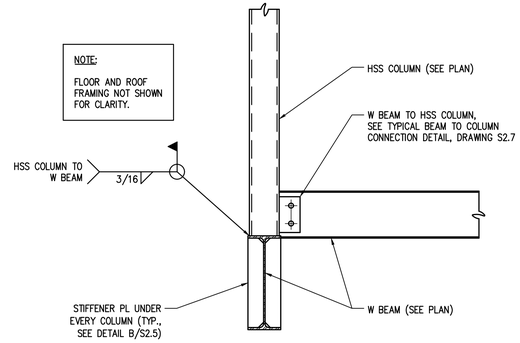


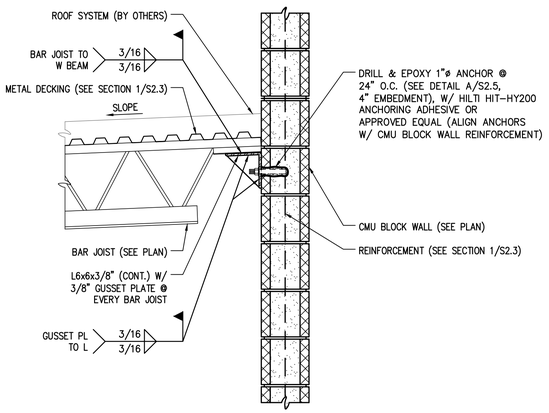
SECTION 7
SCALE: 1" = 1'–0" S2.0|S2.4



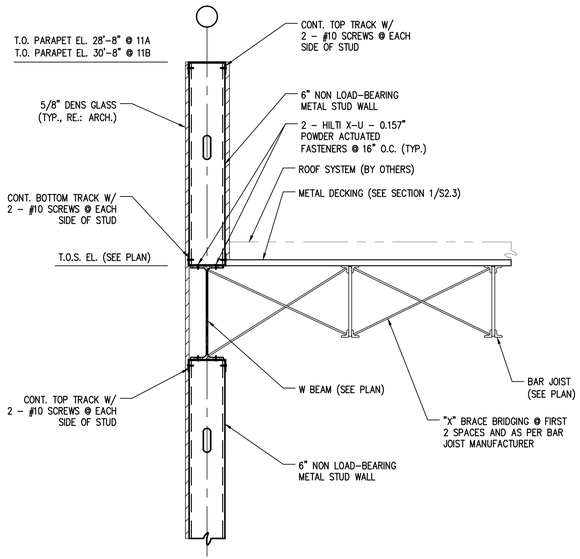
SECTION 8
SCALE: 1" = 1'–0" S2.0|S2.4



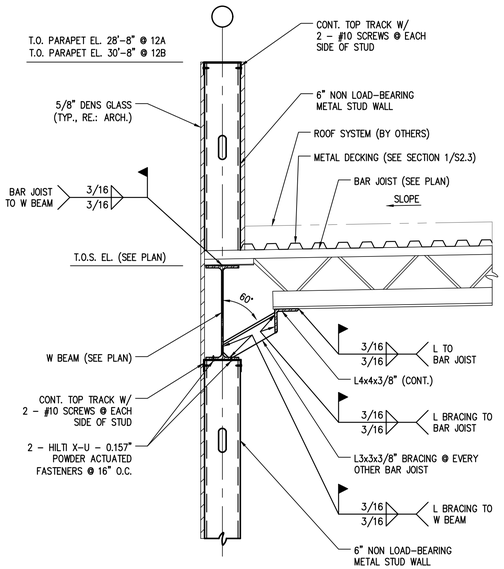
SECTION 9
SCALE: 1" = 1'–0" S2.0|S2.4



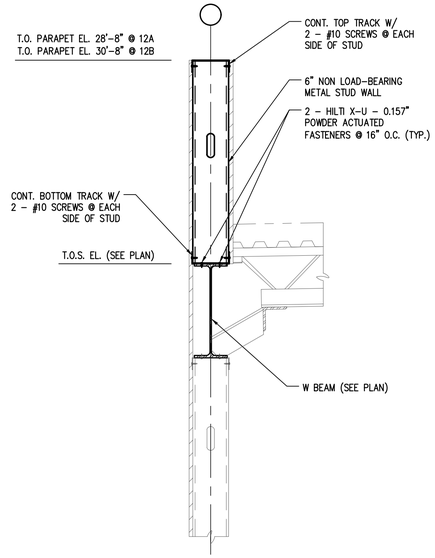
SECTION 10
SCALE: 1" = 1'–0" S2.0|S2.4



SECTION 11A 11B
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4



SECTION 12A 12B
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4



SECTION 12A 12B ALTERNATE
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

□RAMING SECTIONS

Sheet

S2.4

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
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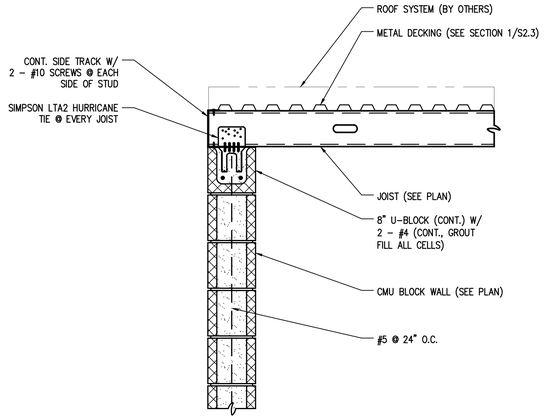
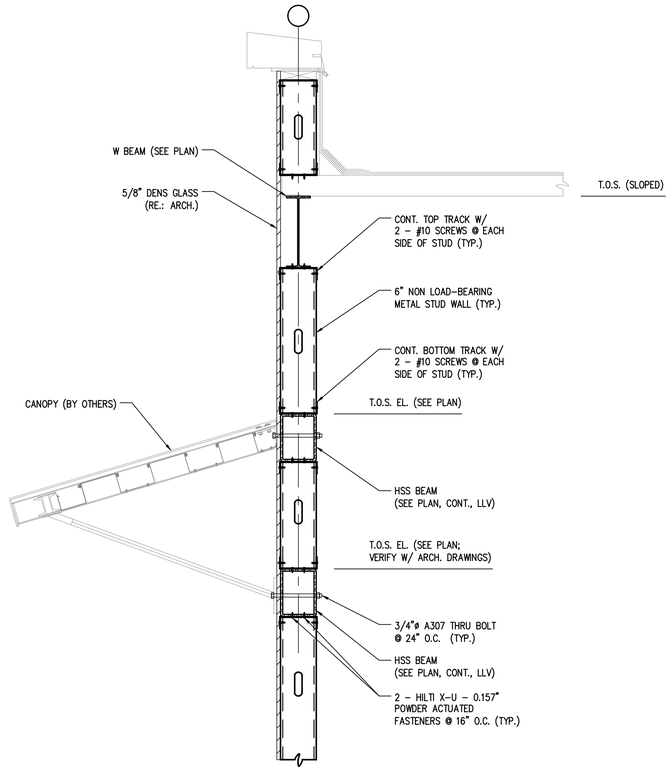
THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

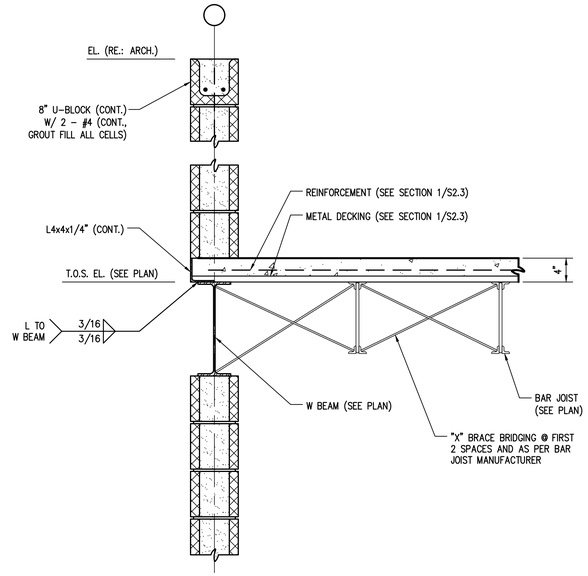
LICENSE NUMBER: 31593



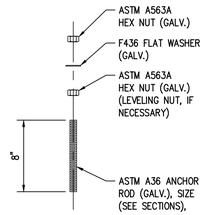
SECTION 13
SCALE: 1" = 1'–0" S2.2|S2.5



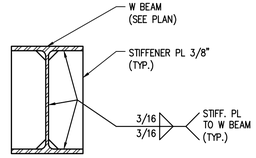
SECTION 14
SCALE: 1" = 1'–0" S2.0|S2.5



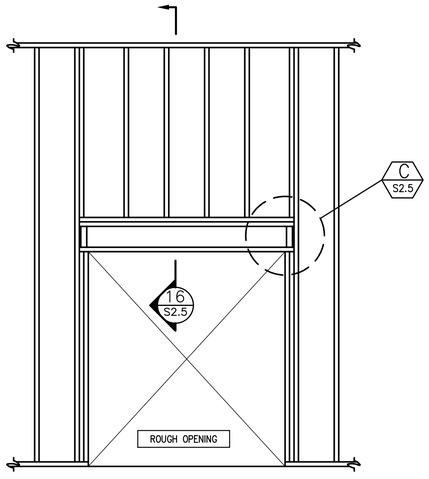
SECTION 15
SCALE: 1" = 1'–0" S2.0|S2.5



DETAIL A
SCALE: 1 1/2" = 1'–0" S2.3|S2.5

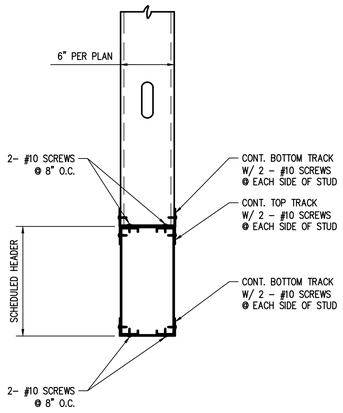


DETAIL B
SCALE: 1 1/2" = 1'–0" S2.3|S2.5

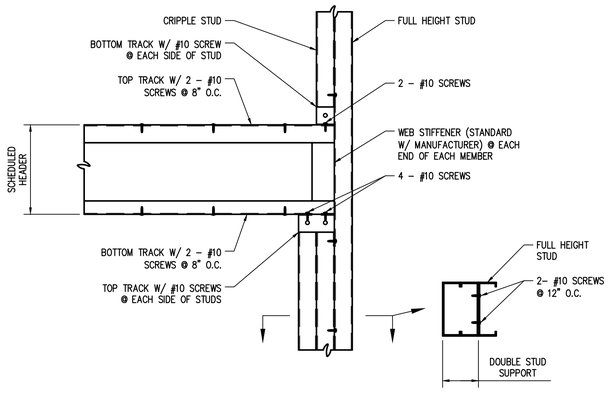


REFER TO COLD FORMED METAL FRAMING NOTES ON S1.0C FOR HEADER SIZE.
REFERENCE PLAN FOR MULTIPLE STUD CONDITIONS @ LOAD–BEARING WALLS

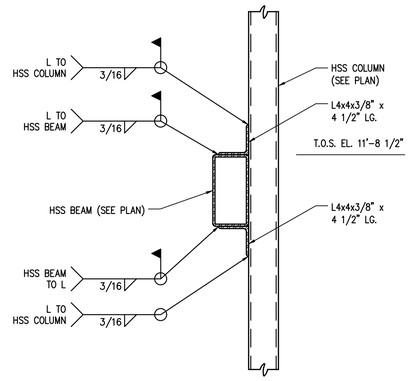
TYPICAL LIGHT–GAUGE STEEL HEADER @ LOAD BEARING WALL DETAIL
SCALE: 1/2" = 1'–0"



SECTION 16
SCALE: 1 1/2" = 1'–0" S2.5|S2.5



DETAIL C
SCALE: 1 1/2" = 1'–0" S2.5|S2.5



DETAIL D
SCALE: 1" = 1'–0" S2.2|S2.5

CONSTRUCTION DOCUMENTS

YWCA Facility

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Contractor

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REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

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Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
FRAMING SECTIONS AND DETAILS

Sheet
S2.5

AXIS ENGINEERING
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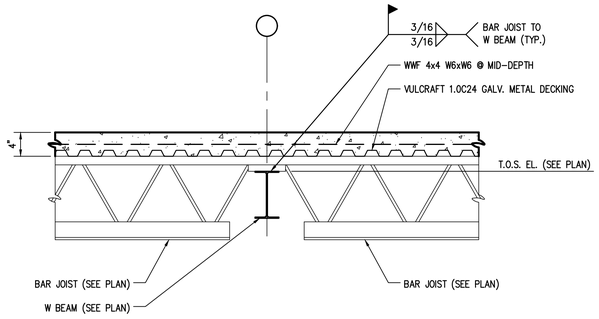
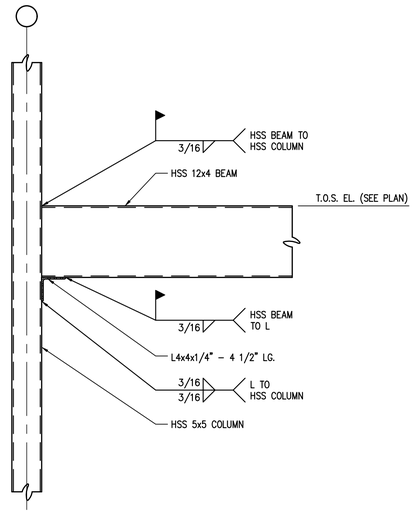
ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593



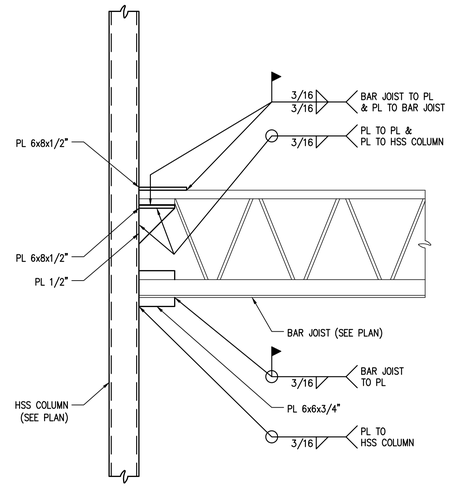
TYPICAL INTERIOR SECTION

SCALE: 1" = 1'-0"



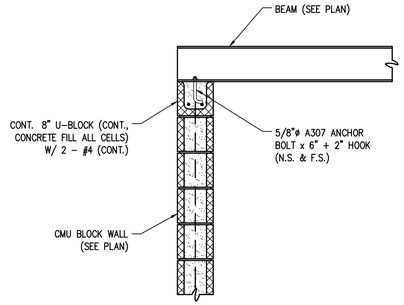
TYPICAL HSS 12x4x1/2" BEAM TO
HSS 5x5x3/8" COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



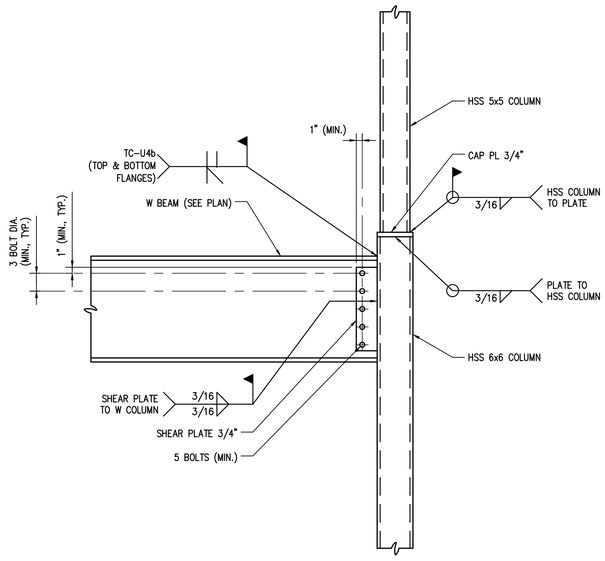
TYPICAL STRUT JOIST (S.J.) DETAIL

SCALE: 1" = 1'-0"



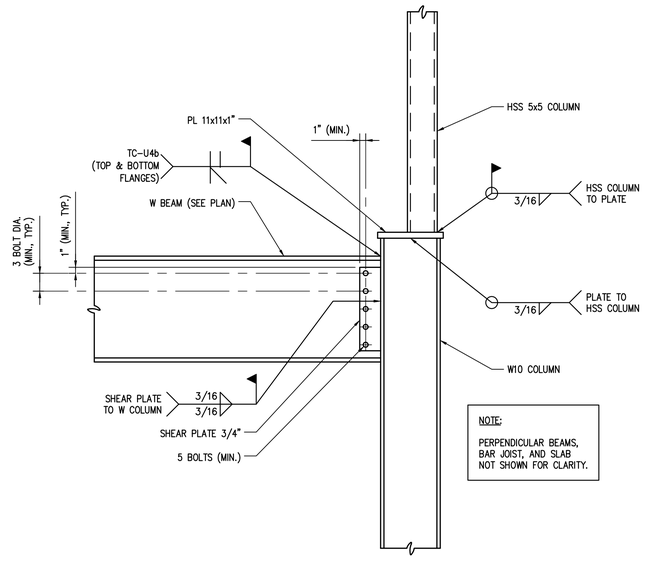
TYPICAL W BEAM TO
CMU WALL CONNECTION DETAIL

SCALE: 3/4" = 1'-0"



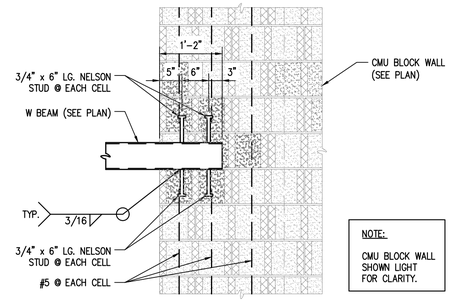
HSS 5x5x3/8" COLUMN ON TOP OF
HSS 6x6x1/2" COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



HSS 5x5x3/8" COLUMN ON TOP OF
W10x49 COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



TYPICAL W BEAM TO CMU BLOCK WALL CONNECTION

SCALE: N.T.S.

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ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

LICENSE NUMBER: 31593

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CIVIL ENGINEERING

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Interoffice Data

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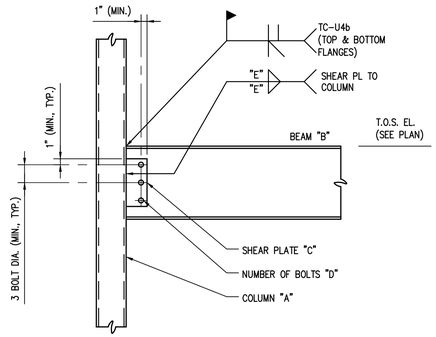
Checked By	JBH

Issue Date
09/05/2023

Title
FRAMING DETAILS

Sheet
S2.6



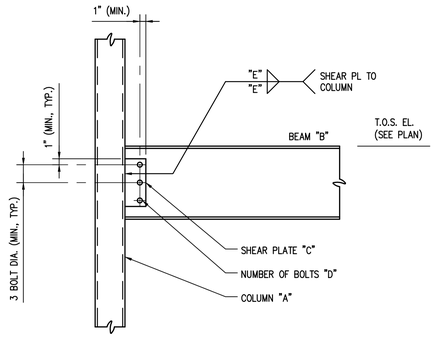
COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W16x26	5/8"	3	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"

NOTE:

ALL CONNECTIONS, INCLUDING TYPICAL FRAMED CONNECTIONS, SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AND ENGAGED BY THE CONTRACTOR. ALL SUCH SHOP DRAWINGS AND OTHER RELATED SUBMITTALS, INCLUDING CALCULATIONS SHALL BEAR THE ENGINEER'S SEAL.

TYPICAL BEAM TO COLUMN MOMENT CONNECTION DETAIL

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x19	1/2"	2	3/16"
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W16x26	5/8"	4	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"
HSS 5x5x3/8"	W18x40	3/4"	4	3/16"

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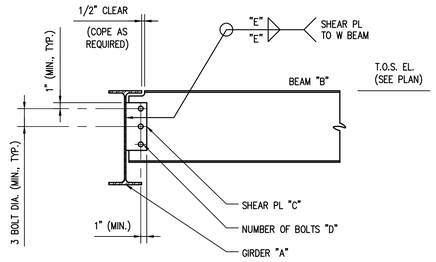
TYPICAL BEAM TO COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



GIRDER "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
W12x19	W8x10	1/2"	2	3/16"
W14x22	W14x22	1/2"	3	3/16"
W18x35	W8x10	1/2"	2	3/16"

NOTE:

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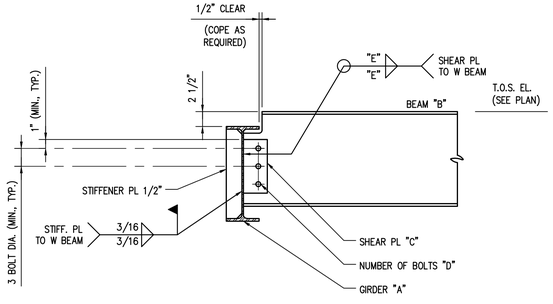
TYPICAL BEAM TO BEAM CONNECTION DETAIL

SCALE: 1" = 1'-0"



GIRDER "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
W12x19	W12x19	1/2"	2	3/16"
W16x26	W16x26	1/2"	3	3/16"
W18x35	W18x35	3/4"	4	3/16"
W16x26	W12x19	1/2"	2	3/16"

NOTE:
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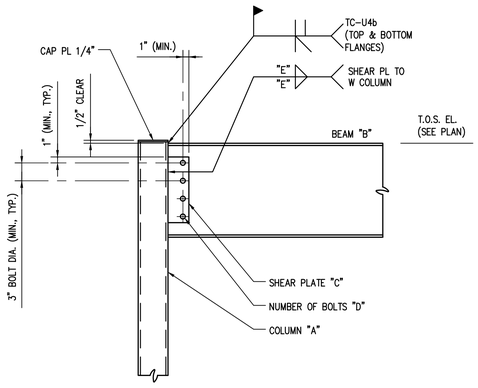
TYPICAL BEAM TO BEAM (OFFSET) CONNECTION

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x19	1/2"	4	3/16"
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"
HSS 5x5x3/8"	W18x50	3/4"	5	3/16"

NOTE:

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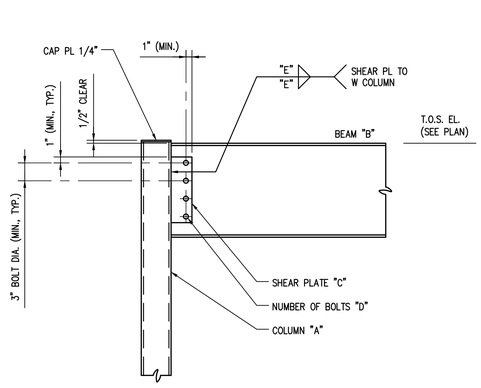
TYPICAL BEAM TO COLUMN MOMENT CONNECTION DETAIL @ ROOF

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x14	1/2"	4	3/16"
HSS 5x5x3/8"	W12x19	1/2"	4	3/16"
HSS 5x5x3/8"	W12x22	1/2"	4	3/16"
HSS 5x5x3/8"	W18x35	3/4"	5	3/16"

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TYPICAL BEAM TO COLUMN CONNECTION DETAIL @ ROOF

SCALE: 1" = 1'-0"

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Project Number	CN 09418
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Checked By	JBH

Issue Date

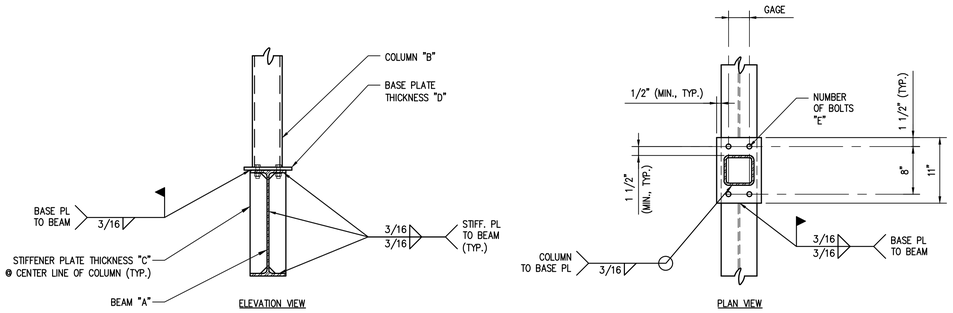
09/05/2023

Title

FRAMING DETAILS

Sheet

S2.7



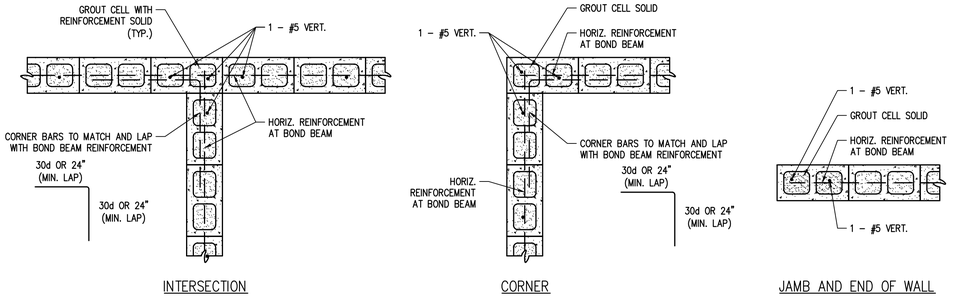
BEAM "A"	COLUMN "B"	STIFFENER PLATE THICKNESS "C" (MIN.)	BASE PLATE THICKNESS "D" (MIN.)	NUMBER OF BOLTS "E" (MIN.)
W14x22	HSS 5x5x3/8"	3/8"	3/4"	4
W16x26	HSS 5x5x3/8"	3/8"	3/4"	4
W18x35	HSS 5x5x3/8"	3/8"	3/4"	4
W18x40	HSS 5x5x3/8"	3/8"	3/4"	4

NOTE:

FOR BOLT AND HOLE SIZES SEE GENERAL NOTES DRAWING S1.0.

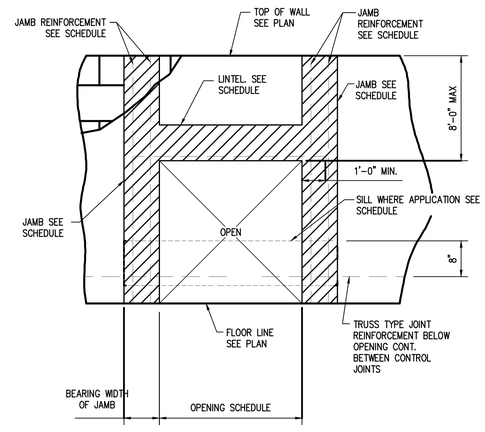
TYPICAL COLUMN TO BEAM BASE PLATE CONNECTION DETAIL

SCALE: 1" = 1'-0"



TYPICAL MASONRY WALL REINFORCING DETAILS

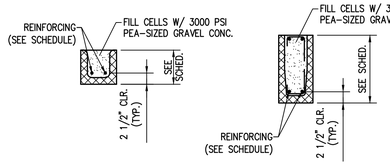
SCALE: 3/4" = 1'-0"



CMU LINTEL/SILL SCHEDULE–CONCRETE MASONRY UNITS		
OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	JAMB REINFORCING (BEAR LINTEL EA. END, FULL DIMENSIONS SHOWN)
4'-0"	16" "U-BLOCK" 2 - #4 (CONT., BOT.)	8x16 2 - #6 VERT.
6'-0"	16" "U-BLOCK 2 - #4 (CONT., BOT.)	8x16 2 - #6 VERT.
9'-0"	16" U-BLOCK" 2 - #5 (CONT., BOT.)	8x16 2 - #6 VERT.
11'-0"	16" "U-BLOCK" 2 - #5 (CONT., TOP & BOT.)	8x16 2 - #7 VERT.

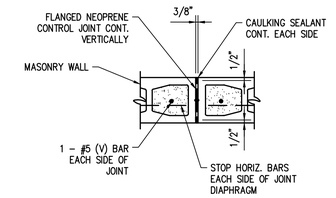
CMU LINTEL/SILL NOTES: (U.N.O.)

1. JAMBS TO EXTEND FROM SUPPORTING STRUCTURE/FLOOR LEVEL BELOW OPENING TO FLOOR LEVEL ABOVE OPENING.
2. ALL JAMBS ARE TO BE FILLED SOLID FULL HEIGHT W/ 3000 PSI PEA GRAVEL AGGREGATE CONCRETE
3. AT 16" "U-BLOCKS", PROVIDE #2 @ 24" O.C.

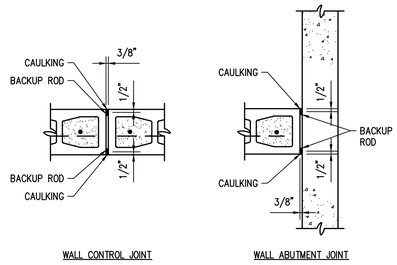


TYPICAL CONCRETE MASONRY LINTEL DETAIL

SCALE: 3/4" = 1'-0"



WALL CONTROL JOINT W/ FLANGED NEOPRENE



THIS DETAIL AS SHOWN IS INTENDED TO ILLUSTRATE A GENERAL CONCEPT OR METHOD OF CONSTRUCTION. DETAILS THAT SHOW DIFFERENT OR MODIFIED CONCEPTS OR METHODS CAN BE OF EQUAL VALIDITY AND SHOULD NOT BE EXCLUDED FROM CONSIDERATION. THIS DETAIL SHALL NOT BE USED FOR CONSTRUCTION WITHOUT THE APPROVAL AND SIGNATURE OF A LICENSED DESIGN PROFESSIONAL. THE PERSON USING THIS DETAIL SHALL BE RESPONSIBLE FOR ITS COMPLETE DESIGN AND PROPER APPLICATION.

MASONRY CONTROL JOINT DETAILS

SCALE: N.T.S.

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

LICENSE NUMBER: 31593

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

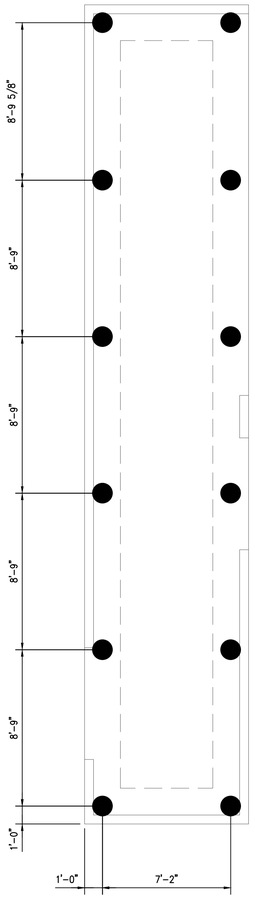
09/05/2023

Title

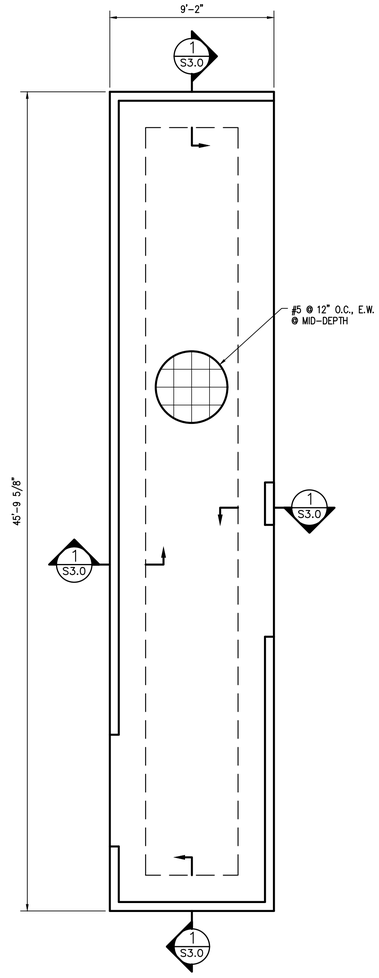
FRAMING DETAILS

Sheet

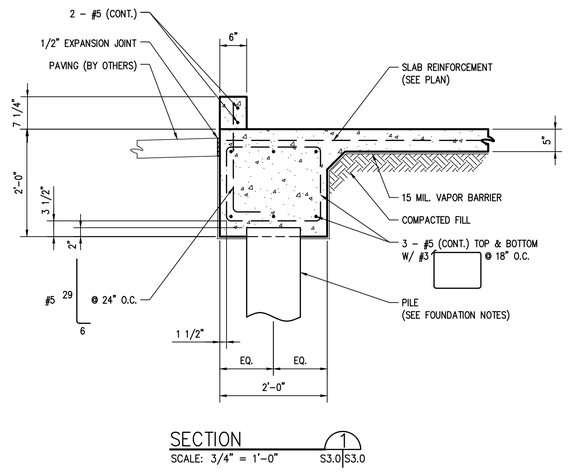
S2.8



STORAGE PILE PLAN
SCALE: 1/4" = 1'-0"



STORAGE FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



SECTION 1 S3.0|S3.0
SCALE: 3/4" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 5" SLAB ELEVATION 0'–0"; (RE.: ARCH.).
3. ● – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 12

CONSTRUCTION DOCUMENTS

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STORAGE □ILE AND □O□NDATION □LANS □ SECTION

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S3.0

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3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

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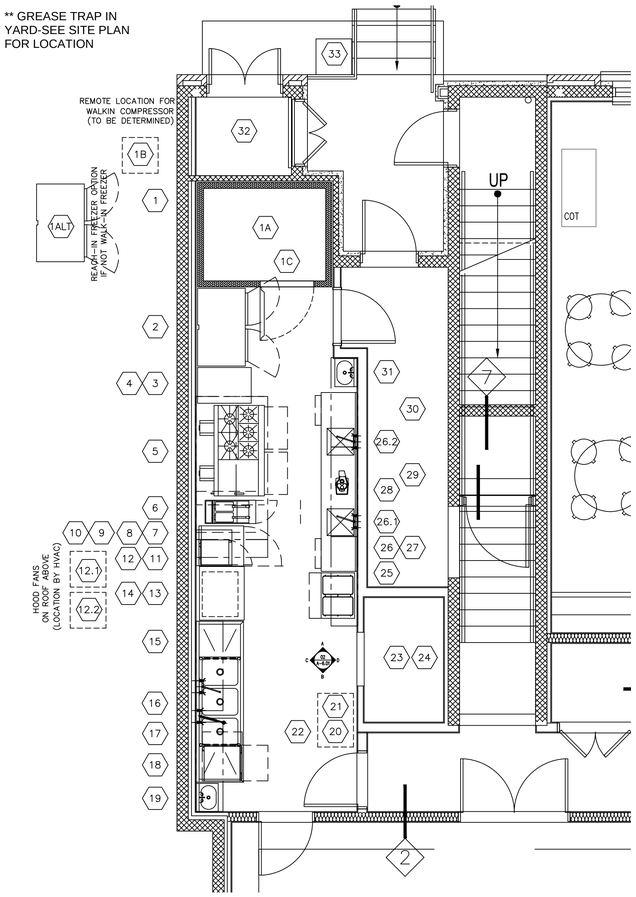
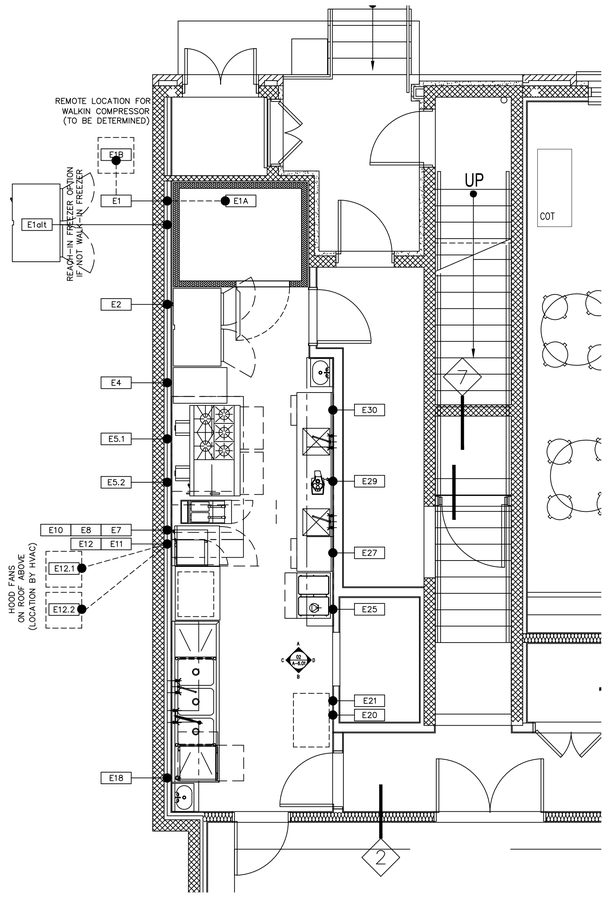
ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

** GREASE TRAP IN YARD-SEE SITE PLAN FOR LOCATION



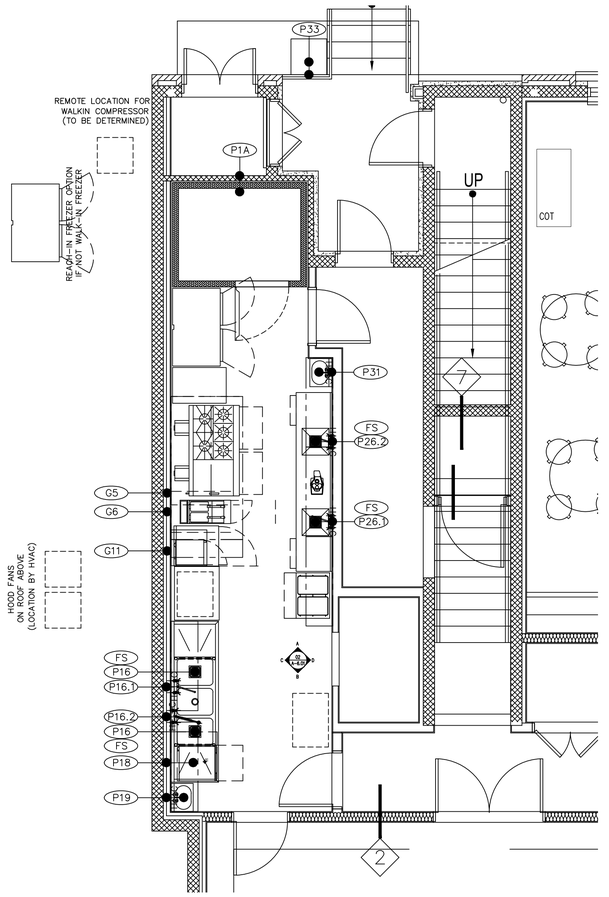
KITCHEN PLAN - LAYOUT

SCALE: 1/4"=1'-0"



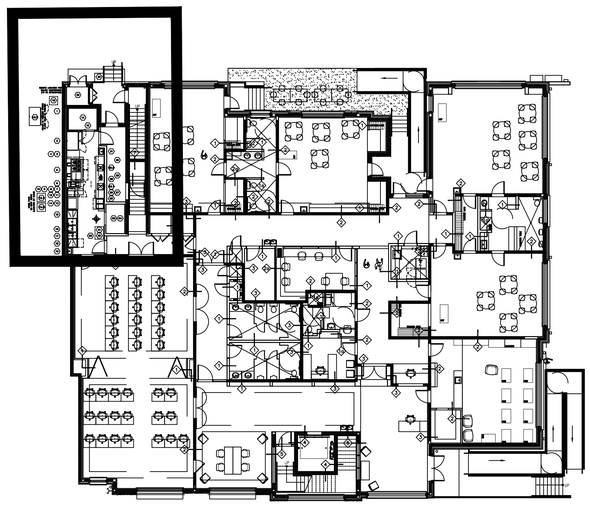
KITCHEN PLAN - ELECTRICAL

SCALE: 1/4"=1'-0"



KITCHEN PLAN - PLUMBING

SCALE: 1/4"=1'-0"



KITCHEN PLAN - KEY PLAN

SCALE: NTS

EQUIPMENT SCHEDULE

ITEM NO	REV #	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	ELECTRICAL VOLTS	PHASE	AMPS	KW	HP	DIRECT	NEMA	ELECTRICAL AFF (IN)	PLUMBING COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	WATER SUPPLY AFF (IN)	INDIR DRAIN SIZE (IN)	DIRECT DRAIN AFF (IN)	DIRECT DRAIN SIZE (IN)	MFR'S/H	GAS AFF (IN)	EQUIPMENT REMARKS	ITEM NO
1	–	1	WALKIN FREEZER – BOX	ARCTIC	–	120	1	10.0	–	–	X	–	DFA	–	–	–	–	–	–	–	–	WITH INSULATED FLOOR	1
1A	–	1	WALKIN FREEZER – EVAPORATOR COIL FAN	ARCTIC	–	208	1	8.8	–	–	X	–	DFA	–	–	–	1	–	–	–	–	E.C. TO RUN CONTROL WIRES FROM #1B	1A
1B	–	1	WALKIN FREEZER – REFRIGERATION	ARCTIC	–	208	1	15.0	–	2.0	X	–	–	–	–	–	–	–	–	–	–	E.C. TO RUN CONTROL WIRES TO #1A	1B
1C	–	LOT	SHELVING UNITS	METRO	NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1C
1 ALT	–	1	FREEZER, REACH-IN, TWO DOOR	TRAULSEN	G22010	115	1	14.9	–	3/4	–	5-20P	84	–	–	–	–	–	–	–	–	ALTERNATE IF WALK-IN NOT USED	1 ALT
2	–	1	REFRIGERATOR, REACH-IN, TWO DOOR	TRAULSEN	G20010	115	1	8.5	–	1/3	–	5-15P	84	–	–	–	–	–	–	–	–	WITH CASTERS	2
3	–	1	SHELVING UNIT – POT & PAN STORAGE	METRO	PR2436NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH CASTERS	3
4	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5-20P	48	–	–	–	–	–	–	–	–	–	4
5	–	1	RANGE WITH 5 BURNERS AND 24" GRILL	SOUTHBEND	4605AA-2GL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3/4	307	18	WITH CONVECTION OVENS BELOW	5
5.1	–	1	** CONVECTION OVEN UNDER #5	SOUTHBEND	–	115	1	6.2	–	1/2	–	5-15P	24	–	–	–	–	–	–	–	–	–	5.1
5.2	–	1	** CONVECTION OVEN UNDER #5	SOUTHBEND	–	115	1	6.2	–	1/2	–	5-15P	24	–	–	–	–	–	–	–	–	–	5.2
6	–	1	FRYER	PITCO	SG14S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3/4	110	18	–	6
7	–	1	WORKTOP REFRIGERATOR	RANDELL	9402-7	120	1	5.5	–	1/4	–	5-15P	26	–	–	–	1/2	–	–	–	–	WITH CASTERS	7
8	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5-20P	48	–	–	–	–	–	–	–	–	–	8
9	–	1	MICROWAVE WALL SHELF	EAGLE	MWS2424	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	9
10	–	1	MICROWAVE OVEN	PANASONIC	NE-1757	208	1	14.3	1.7	–	–	6-15P	70	–	–	–	–	–	–	–	–	–	10
11	–	1	FIRE SUPPRESSION SYSTEM	ANSUL	R102	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	EC TO MAKE INTER-CONNECTIONS	11
12	–	1	EXHAUST HOOD SYSTEM	CAPTIVE AIRE	N02-PSP	120	1	10.0	–	–	X	–	DFA	–	–	–	–	–	–	–	–	–	WITH ELECTRIC CONTROL PANEL	12
12.1	–	1	** EXHAUST FAN FOR HOOD SYSTEM	CAPTIVE AIRE	–	208	3	1.8	–	1/2	X	–	DFA	–	–	–	–	–	–	–	–	–	1600 CFM – FAN ON ROOF	12.1
12.2	–	1	** SUPPLY FAN FOR HOOD SYSTEM	CAPTIVE AIRE	–	208	3	1.5	–	1/2	X	–	DFA	–	–	–	–	–	–	–	–	–	1280 CFM – FAN ON ROOF	12.2
13	–	–	SHELVING UNITS – CLEAN DISH & POT STORAGE	METRO	PR2436NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	1	CART	METRO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	ROLLS UNDER #13	14
15	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	15
16	–	1	3 COMPARTMENT SINK	EAGLE	314-18-3-24	–	–	–	–	–	–	–	–	–	–	–	1-1/2	–	–	–	–	–	16
16.1	–	1	FAUCET FOR POT SINK	T & S BRASS	B-0231-CC	–	–	–	–	–	–	–	–	1/2	1/2	14	–	–	–	–	–	–	16.1
16.2	–	1	PRE-RINSE SPRAY & FAUCET FOR POT SINK	T & S BRASS	B-0133-01	–	–	–	–	–	–	–	–	1/2	1/2	14	–	–	–	–	–	–	16.2
17	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	17
18	–	1	WAREWASHER, UNDERCOUNTER, HIGH TEMP	HOBART	LXH-4	120/208	1	18.0	3.0	–	X	–	12	–	3/4	14	1-1/2	–	–	–	–	WITH DETERGENT PUMPS	18
19	–	1	HAND SINK	EAGLE	HSA-10-F	–	–	–	–	–	–	–	–	1/2	1/2	14	–	1-1/2	20	–	–	WITH HANDS FREE NOZZLE	19
20	–	1	HEATED HOLDING CABINET	ALTO-SHAAM	1000-TH/II	120	1	17.0	1.9	–	–	5-20P	12	–	–	–	–	–	–	–	–	HALF SIZE WITH WORK TOP	20
21	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5-20P	48	–	–	–	–	–	–	–	–	–	21
22	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	22
23	–	LOT	SHELVING UNITS – DRY STORAGE	METRO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	1	CAN STORAGE UNIT WITH WORK TOP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH WORK TOP ON CASTERS	24
25	–	1	HOT FOOD TABLE – 2 WELL	DUKE	E302	120	1	12.5	1.5	–	–	5-15P	12	–	–	–	–	–	–	–	–	–	25
26	–	1	WORK TABLE WITH 2 PREP SINKS	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH DRAWERS AND OPEN STORAGE UNDER	26
26.1	–	1	** FAUCET FOR PREP SINK #26	T & S BRASS	B-0231-CC	–	–	–	–	–	–	–	–	1/2	1/2	14	1-1/2	–	–	–	–	SINK WITH COVER FOR ADDITIONAL WORKSPACE	26.1
26.2	–	1	** FAUCET FOR PREP SINK #26	T & S BRASS	B-0231-CC	–	–	–	–	–	–	–	–	1/2	1/2	14	1-1/2	–	–	–	–	SINK WITH COVER FOR ADDITIONAL WORKSPACE	26.2
27	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5-20P	48	–	–	–	–	–	–	–	–	–	27
28	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	28
29	–	1	FOOD PROCESSOR	ROBOT COUPE	R2N	120	1	7.0	–	1/2	–	5-15P	48	–	–	–	–	–	–	–	–	–	29
30	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5-20P	48	–	–	–	–	–	–	–	–	–	30
31	–	1	HAND SINK	EAGLE	HSA-10-F	–	–	–	–	–	–	–	–	1/2	1/2	14	–	1-1/2	20	–	–	WITH HANDS FREE NOZZLE	31
32	–	1	TRASH AREA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	FD	–	–	–	BY GENERAL CONTRACTOR	32
33	–	1	MOP SINK / CAN WASH	–	–	–	–	–	–	–	–	–	–	1/2	1/2	36	–	3-1/2	–	–	–	BY PLUMBER	33
34-39	–	1	SPARE NUMBERS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	34-39
40	–	1	MILK COOLER	BEVERAGE-AIR	SMF34-S	115	1	8.2	–	1/2	–	5-15P	12	–	–	–	–	–	–	–	–	REMOTE LOCATION	40

<<< IMPORTANT NOTES >>>

1) THIS PLAN IS TO BE CONSIDERED A SUPPLEMENT TO ARCHITECT PLAN TO ASSIST CONTRACTOR IN FIELD. THIS PLAN DOES NOT TAKE PLACE OF ARCHITECT'S AND ENGINEER'S PLANS.

2) REFERENCE SECTION 11400 FOR EQUIPMENT SPECIFICATIONS.

3) FLOOR SINKS ARE SHOWN ON H&R PLAN FOR INDIRECT DRAIN ITEMS. FLOOR DRAINS BY PLUMBER ARE NOT SHOWN ON THIS PLAN.

4) GC TO PROVIDE BLOCKING IN WALLS FOR SUPPORT OF ITEMS TO BE HUNG ON WALLS LISTED IN EQUIPMENT SCHEDULE.

5) ALL EQUIPMENT UNDER EXHAUST HOOD SYSTEM IS TO BE ON A SHUNT TRIP BREAKER BY ELECTRICIAN TO TURN OFF EQUIPMENT WHEN FIRE SUPPRESSION SYSTEM IS ACTIVATED.

BID DOCUMENTS

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T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

NOT FOR CONSTRUCTION

Revisions

Interoffice Data

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Drawn By	
Checked By	

Issue Date

08/05/2021
(RE-ISSUE 7/12/2023)

Title

KITCHEN

Sheet

FS-1

STANDARD HVAC SYMBOL LEGEND

NOTE: SYMBOL LEGEND IS FOR IDENTIFICATION PURPOSES ONLY. REFER TO PLANS, SCHEDULES, DETAILS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.

MARK	DESCRIPTION
20x10	RECT. DUCT SIZE (CLEAR DIMENSIONS)
20 X 10	DUCT SECTION (FIRST FIGURE IS TOP)
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	DUCT (TURNED UP)
	DUCT (TURNED DOWN)
	FLEXIBLE CONNECTION
MVD	MANUAL VOLUME DAMPER (MVD) WITH ACCESS PANEL
FD	FIRE DAMPER WITH ACCESS PANEL
SD	SMOKE DAMPER WITH ACCESS PANEL
FSD	COMBINATION FIRE/SMOKE DAMPER WITH ACCESS PANEL
	CEILING DIFFUSER ASSEMBLY, ARROWS INDICATE AIR PATTERN NO ARROWS INDICATE 4-WAY. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	DUCTED CEILING RETURN AIR REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	EXHAUST REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	SIDEWALL RETURN REGISTER/GRILLE
	SIDEWALL SUPPLY REGISTER/GRILLE
CFM / SIZE / A	AIR DISTRIBUTION DEVICE, CFM ON TOP, NECK SIZE ON BOTTOM, SEE AIR DEVICE SCHEDULE.– DENOTES NO SPECIFIC AIRFLOW REQUIREMENT.
SD	SMOKE DETECTOR
T	THERMOSTAT
H	HUMIDISTAT
TS	TEMPERATURE SENSOR
	NEW MECHANICAL UNIT
	ELBOW TURNED UP
	ELBOW TURNED DOWN

STANDARD ABBREVIATION LEGEND

MARK	DESCRIPTION
U.N.O.	UNLESS NOTED OTHERWISE
A.F.F.	ABOVE FINISHED FLOOR
N.I.C.	NOT IN CONTRACT
A.F.G.	ABOVE FINISHED GRADE
V.F.D.	VARIABLE FREQUENCY DRIVE
M.V.D.	MANUAL VOLUME DAMPER

STANDARD NOTE SYMBOL LEGEND

MARK	DESCRIPTION
1	FLOOR PLAN OR DRAWING OTHER THAN DETAIL
1 / M-1	DETAIL REFERENCE: (SHOWN UNDER PLANS) NUMBER DENOTES DETAIL NUMBER LETTER "M" DENOTES SHEET ON WHICH DETAIL IS DRAWN

MECHANICAL GENERAL NOTES:

1. COORDINATE AIR DEVICE LOCATIONS WITH OTHER TRADES.
2. DUCT SIZES REFLECT FREE AREA DIMENSIONS.
3. INSTALL DUCT WORK TIGHT TO AND SUSPENDED FROM STRUCTURE ABOVE, TRANSITION DOWN TO CROSS BENEATH BEAMS.
4. COORDINATE EXACT DUCT ROUTE AND DROPS WITH STRUCTURE, PLUMBING LINES, ELECTRICAL SYSTEMS, AND SPECIAL SYSTEMS.
5. MOUNT THERMOSTATS 48" A.F.F., COORDINATE EXACT LOCATION WITH ARCHITECT.
6. REFER TO ARCHITECTURAL PLANS FOR WALL, FLOOR, AND ROOF PENETRATION DETAILS.
7. PROVIDE FLEX CONNECTIONS FOR ALL DUCT CONNECTIONS TO FAN POWERED EQUIPMENT. DOES NOT APPLY TO GREASE DUCT OR WHERE SPECIFICALLY NOTED OTHERWISE.
8. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL MECHANICAL SYSTEMS SHALL BE CONCEALED IN FINISHED SPACES.
9. NO MECHANICAL EQUIPMENT, DUCT, OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANEL. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
10. DUCT SMOKE DETECTORS ARE TO BE PROVIDED UNDER DIVISION 26 AND INSTALLED UNDER DIVISION 23. INTERLOCK WITH AIR HANDLER TO DE-ENERGIZE UNIT UPON ACTIVATION.
11. FRESH AIR INTAKES SHALL BE A MINIMUM 10' FROM EXHAUST OUTLETS AND PLUMBING VENTS.
12. INSTALL MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS TO AIR DEVICES. BRANCH DUCT DAMPERS NOT SHOWN FOR CLARITY.
13. ALL EQUIPMENT REQUIRING POWER AND/OR CONTROLS WILL BE WIRED APPROPRIATELY INCLUDING, BUT NOT LIMITED TO AHU'S, SMOKE DAMPERS, REFRIGERATION AND HVAC UNITS, ETC.
14. PROVIDE ACCESS PANELS IN HARD CEILINGS WHERE MECH. ACCESS IS REQUIRED. REFER TO ARCHITECTURAL PLANS FOR PREFERRED LOCATIONS, AND COORDINATE LOCATIONS WITH OTHER TRADES TO FACILITATE ACCESS TO MULTIPLE TRADES THROUGH SINGLE PANEL. INCLUDE PANEL LOCATIONS ON COORDINATION DRAWINGS FOR APPROVAL.

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.

Engineer _____

License Number 26162

Periodic site visits will (will not) be made by our firm

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
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IN
MECHANICAL ENGINEERING

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Contractor
CONTRACTOR NAME
Address 1
Address 2
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Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Mechanical Legend and Notes

Sheet
M001

SHEET SIZE 24" x 36"
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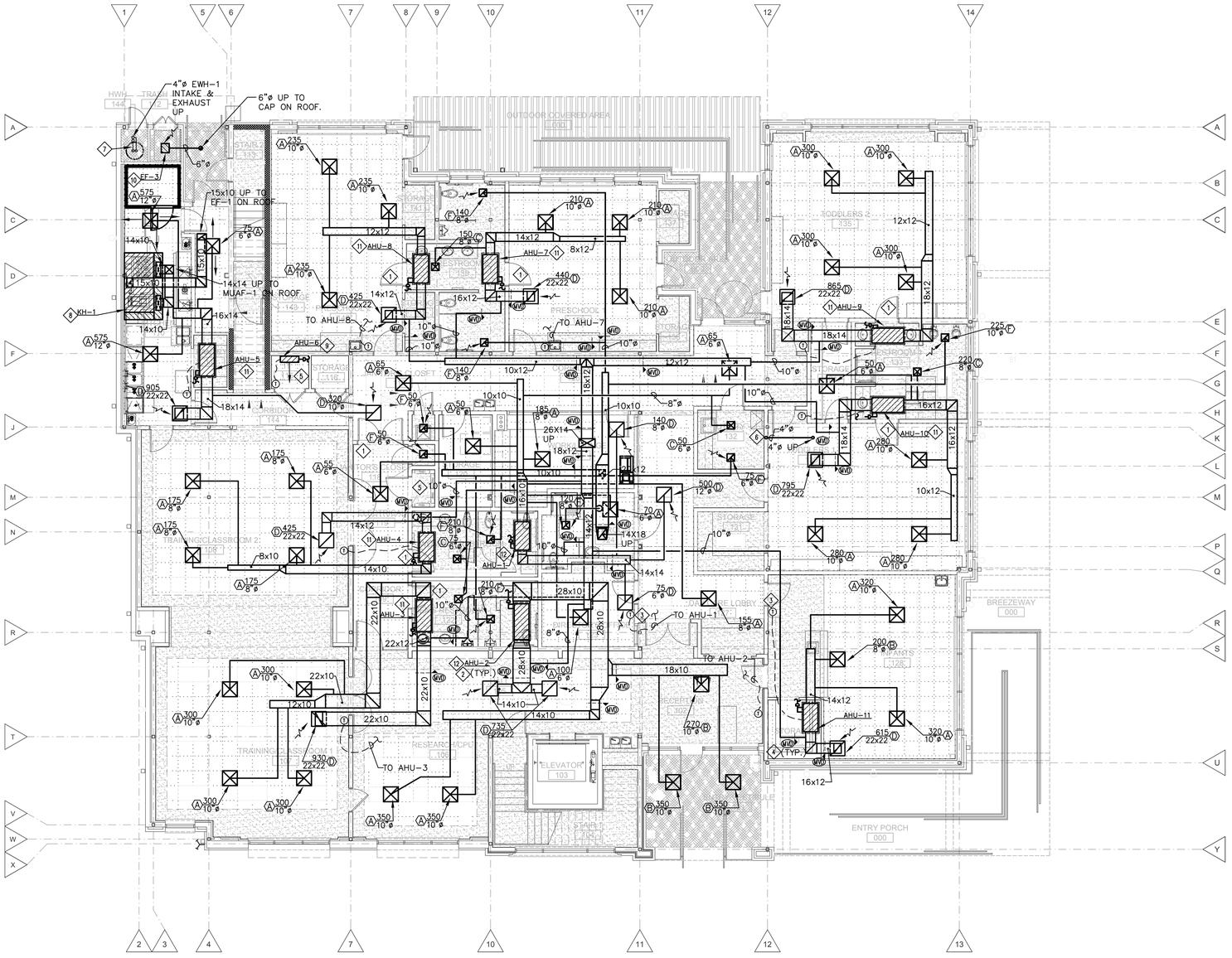
qnguyen



1 MECHANICAL PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

MECHANICAL SPECIFIC NOTES:

1. UNDERCUT DOOR 3/4".
2. DX SPLIT HORIZONTAL AIR HANDLER UNIT SUSPENDED FROM ABOVE INSIDE OF 18GA. GALVANIZED DRAIN PAN WITH 3/4", INSULATED CONDENSATE DRAIN COMPLETE WITH P-TRAP. INSTALL UNIT TIGHT TO STRUCTURE ABOVE. SLOPE DRAIN TO NEAREST WASTE/VENT STACK AND HARD CONNECT. PROVIDE FLOAT SWITCH IN DRAIN PAN INTERLOCKED WITH UNIT TO DE-ENERGIZE SYSTEM UPON ACTIVATION. PROVIDE DRAIN FROM PAN COMPLETE WITH SHUTOFF VALVE AND CONNECT TO COIL DRAIN DOWNSTREAM OF P-TRAP. PROVIDE FELX CONNECTIONS ON SUPPLY AND RETURN DUCT CONNECTIONS. FIELD ROUTE REFRIGERANT PIPING IN CEILING. REFRIGERANT PIPING NOT SHOWN ON PLANS.
3. NOT USED.
4. BALANCE TO O.A./R.A. QUANTITIES SHOWN IN EQUIPMENT SCHEDULES, TYPICAL ALL O.A./R.A. DUCT CONNECTIONS.
5. DO NOT ROUTE DUCT OR DRAIN PIPE IN PLAIN ABOVE ELECTRICAL PANELS. COORDINATE WITH ELECTRICAL & OFFSET AS REQUIRED.
6. 4"ø DRYER EXHAUST DUCT. PROVIDE 90° ELBOW IN WALL FOR DRYER FLEX CONNECTION. ROUT DUCT VERTICALLY IN WALL THEN TURN HORIZONTAL TO CEILING SPACE AND ROUTE TO ROOF PENETRATION. PROVIDE TEE WITH REMOVABLE CAP AT ALL DRYER EXHAUST CHANGES IN DIRECTION TO FACILITATE CLEANING. TERMINATE AT ROOF WITH DRYER ROOF CAP.
7. 4" CPVC INTAKE AND EXHAUST VENT FOR WH-1.
8. STAINLESS STEEL KITCHEN HOOD SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIP PLAN. COORDINATE KITCHEN HOOD DUCT CONNECTIONS WITH HOOD MANUFACTURER AND TRANSITION AS NECESSARY. SEE DETAILS FOR HOOD MOUNTING AND CLEARANCES.
9. DX DUCTLESS MINI-SPLIT AIR HANDLER MOUNTED HIGH ON WALL. SLOPE 3/4" INSULATED DRAIN LINE TO NEAREST WASTE/VENT STACK AND HARD CONNECT. PROVIDE INTEGRAL CONDENSATE PUMP (CONCEALED) AS REQUIRED.
10. CEILING MOUNTED EXHAUST FAN COMPLETE WITH BACKDRAFT DAMPER. ROUTE EXHAUST DISCHARGE DUCT VERTICAL THROUGH ROOF TO ROOF CAP.
11. FRAME OUT WALL ABOVE LAY-IN CEILING ADJACENT TO AHU FOR SERVICE & MAINTENANCE ACCESS. OPENING SHALL BE LARGE ENOUGH TO REMOVE UNIT.
12. PROVIDE ACCESS PANEL IN HARD CEILING FOR AHU SERVICE & MAINTENANCE.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Checked By	C.H.

Issue Date
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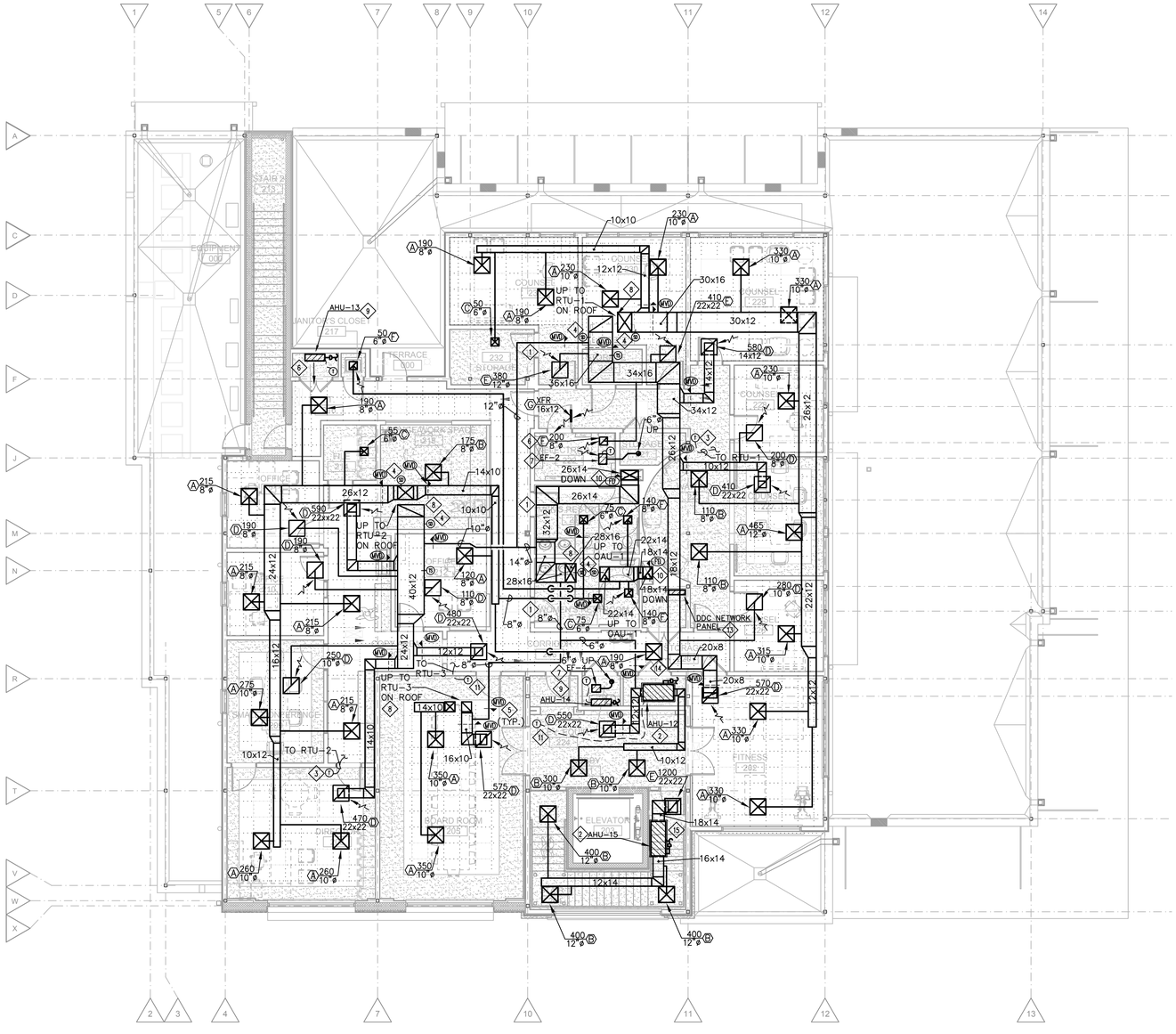
(RE-ISSUE 7/12/2023)

Title
Mechanical Plan
First Floor

Sheet
M111

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-MECH\1882-M111_MECH 1ST
qnguyen



1 MECHANICAL PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

MECHANICAL SPECIFIC NOTES:

1. UNDERCUT DOOR 3/4".
2. DX SPLIT HORIZONTAL AIR HANDLER UNIT SUSPENDED FROM ABOVE INSIDE OF 18GA. GALVANIZED DRAIN PAN WITH 3/4", INSULATED CONDENSATE DRAIN COMPLETE WITH P-TRAP. SLOPE DRAIN TO NEAREST WASTE/VENT STACK. PROVIDE FLOAT SWITCH IN DRAIN PAN INTERLOCKED WITH UNIT TO DE-ENERGIZE SYSTEM UPON ACTIVATION. PROVIDE DRAIN FROM PAN COMPLETE WITH SHUTOFF VALVE AND CONNECT TO COIL DRAIN DOWNSTREAM OF P-TRAP. PROVIDE FLEX CONNECTIONS ON SUPPLY AND RETURN DUCT CONNECTIONS. FIELD ROUTE REFRIGERANT LINES. REFRIGERANT PIPING NOT SHOWN ON PLANS. PROVIDE ACCESS PANEL IN LOBBY-201 AND FRAME OUT WALL ABOVE CEILING ADJACENT TO UNIT FOR SERVICE & MAINTENANCE ACCESS.
3. PROVIDE THERMOSTAT WITH REMOTE TEMP. SENSOR, LOCATED IN RETURN TRUNK UPSTREAM OF OUTSIDE AIR CONNECTION.
4. SMOKE DETECTOR IN SUPPLY AND RETURN DUCT. DETECTORS TO BE PROVIDE BY ELECTRICAL DIVISION AND INSTALLED BY MECHANICAL DIVISION. DETECTORS TO BE INTERLOCKED WITH FIRE ALARM SYSTEM TO DE-ENERGIZE UNIT UPON ACTIVATION.
5. BALANCE TO O.A./R.A. QUANTITIES SHOWN IN EQUIPMENT SCHEDULES, TYPICAL ALL O.A./R.A. DUCT CONNECTIONS.
6. DO NOT ROUTE DUCT OR DRAIN PIPE IN PLAIN ABOVE ELECTRICAL PANELS. COORDINATE WITH ELECTRICAL & OFFSET AS REQUIRED.
7. CEILING MOUNTED EXHAUST FAN COMPLETE WITH BACKDRAFT DAMPER. ROUTE EXHAUST DISCHARGE DUCT VERTICAL THROUGH ROOF TO ROOF CAP.
8. TRANSITION SUPPLY AND RETURN DUCT TO ROOFTOP UNIT CONNECTION SIZE IN VERTICAL.
9. DX DUCTLESS MINI-SPLIT AIR HANDLER MOUNTED HIGH ON WALL. SLOPE 3/4" INSULATED DRAIN LINE TO NEAREST WASTE/VENT STACK. PROVIDE INTEGRAL CONDENSATE PUMP (CONCEALED) AS REQUIRED.
10. PROVIDE FIRE DAMPER AT FLOOR PENETRATION.
11. NOT USED.
12. NOT USED.
13. WALL MOUNTED DDC CONTROL PANEL FOR BUILDING AUTOMATION SYSTEM. COORDINATE POWER AND DATA REQUIREMENTS WITH DIV. 16 AND OWNER. COORDINATE EXACT LOCATION WITH ARCHITECT.
14. FRAME OUT WALL ABOVE LAY-IN CEILING ADJACENT TO AHU FOR SERVICE & MAINTENANCE ACCESS. OPENING SHALL BE LARGE ENOUGH TO REMOVE UNIT.
15. PROVIDE ACCESS PANEL IN HARD CEILING FOR AHU SERVICE & MAINTENANCE.

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Revisions

Interoffice Data

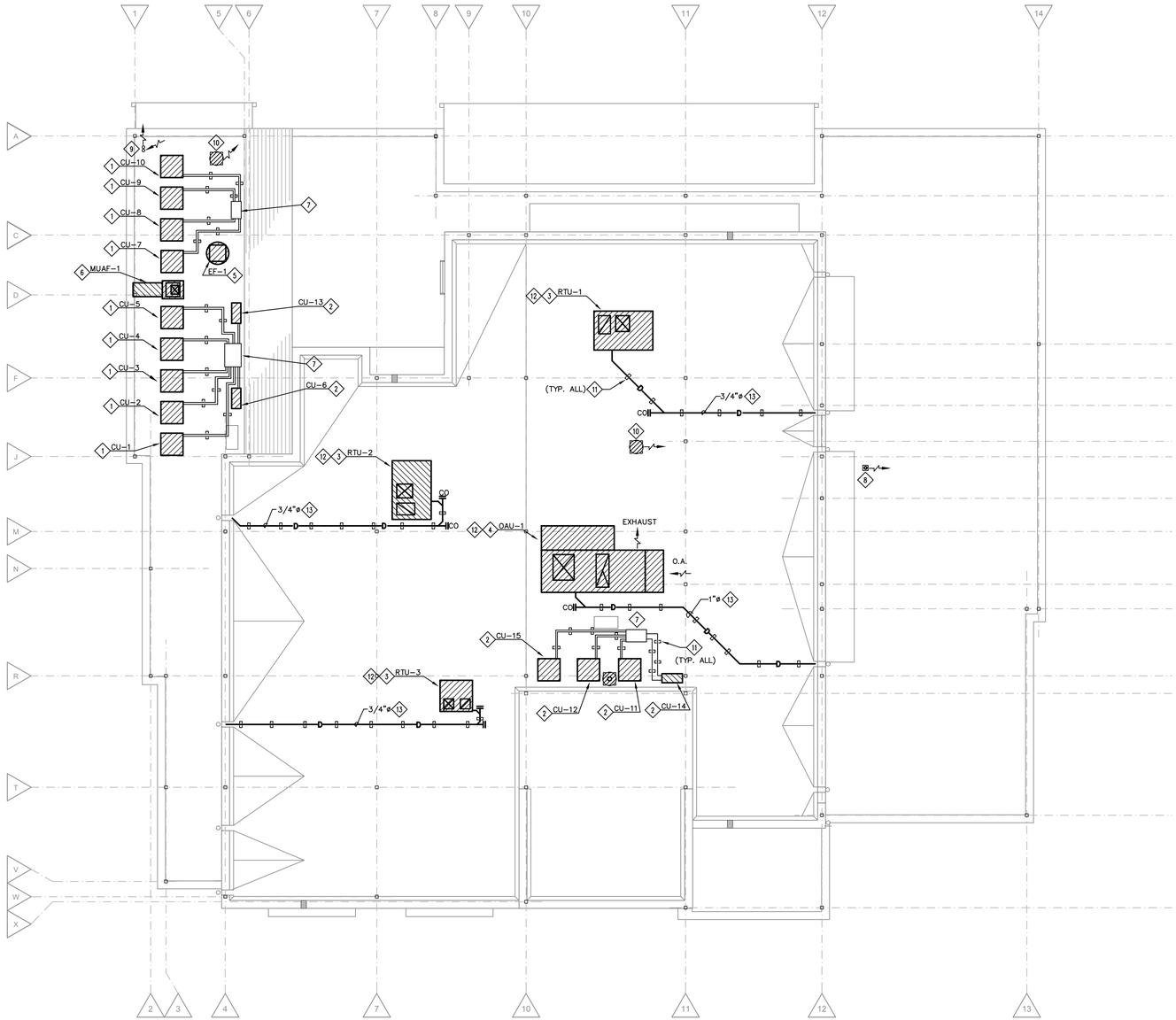
Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Mechanical Plan
Second Floor

Sheet
M121

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-MECH\1882-M121_MECH 2ND
qnguyen



MECHANICAL SPECIFIC NOTES:

1. CONDENSING UNIT ON MECHANICAL PLATFORM. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO PLATFORM. SIZE ALL REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. ROUTE ALONG ROOF AND PENETRATE ROOF THROUGH ROOF COWL TO RESPECTIVE AIR HANDLERS. PROVIDE PROPER MAINTENANCE CLEARANCES AROUND UNIT. PROVIDE WEATHERPROOF COATING FOR ALL INSULATION EXPOSED TO OUTDOORS.
2. CONDENSING UNIT ON EQUIPMENT ROOF SUPPORTS. PATE ES SERIES OR EQUAL. LOCATE SUPPORTS AS PER MANUFACTURERS RECOMMENDATIONS. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. SIZE ALL REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. ROUTE ALONG ROOF AND PENETRATE ROOF THROUGH ROOF COWL TO RESPECTIVE AIR HANDLERS. PROVIDE PROPER MAINTENANCE CLEARANCES AROUND UNIT. PROVIDE WEATHERPROOF COATING FOR ALL INSULATION EXPOSED TO OUTDOORS.
3. DX PACKAGED ROOFTOP UNIT WITH BOTTOM SUPPLY AND RETURN MOUNTED ON NEW FACTORY INSULATED ROOF CURB. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. PROVIDE 3/4" SCHEDULE 40 PVC CONDENSATE DRAIN LINE WITH P-TRAP AND UV COATING. PROVIDE SUPPORTS AT 4' O.C. AND SLOPE TO DOWNSPOUT.
4. DX PACKAGED OUTSIDE AIR UNIT WITH BOTTOM SUPPLY AND EXHAUST MOUNTED ON NEW FACTORY INSULATED ROOF CURB. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. PROVIDE 1" SCHEDULE 40 PVC CONDENSATE DRAIN LINE WITH P-TRAP AND UV COATING. PROVIDE SUPPORTS AT 4' O.C. AND SLOPE TO DOWNSPOUT.
5. KITCHEN HOOD EXHAUST FAN AND CURB SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN. INSTALLED BY CONTRACTOR. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. EXHAUST SHALL TERMINATE 40" ABOVE ROOF AND 10' FROM VERTICAL EXTERIOR WALLS AS PART OF THE CONTIGUOUS ROOF.
6. KITCHEN HOOD SUPPLY FAN AND CURB SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN. INSTALLED BY CONTRACTOR. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. INTAKE SHALL BE A MINIMUM OF 10' FROM ALL EXHAUST AND PLUMBING VENTS.
7. PIPE HOOD FOR REFRIGERANT LINES. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. REFER TO DETAIL.
8. 4"ø DRYER EXHAUST UP FROM 1ST FLOOR. TERMINATE ABOVE ROOF WITH ROOF CAP COMPLETE WITH BACKDRAFT DAMPER.
9. 4" CPVC INTAKE AND EXHAUST VENT FOR WH-1 UP FROM 1ST FLOOR. VENT MUST TERMINATE AT LEAST 3 FEET ABOVE THE HIGHEST PLACE IN WHICH THE VENT PENETRATES THE ROOF AND AT LEAST 2 FEET ABOVE ANY PART OF THE BULIDING WITHIN 10 HORIZONTAL FEET. SEE MANUFACTURER'S MANUAL FOR ALTERNATE CONFIGURATIONS.
10. EXHAUST DISCHARGE AT ROOF. PROVIDE ROOF CAP EQUAL TO GREENHECK GRSR-8 MOUNTED ON FACTORY INSULATED ROOF CURB COMPLETE WITH BACKDRAFT DAMPER AND INSECT SCREEN. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR ROOF CAP TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA. WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE AND INSTALL 1" WIDE 18GA. STRAPS TO CURB IN BOTH DIRECTIONS FOR HIGH WIND PROTECTION. SEE DETAIL.
11. TYPICAL PIPE SUPPORTS B-LINE, C-PORT WITH UNISTRUT AND CLAMP AT 4'-0" CENTERS. CEMENT TO ROOF. COORDINATE EXACT LOCATION IN FIELD.
12. PROVIDE SEALED DUCTED CONNECTIONS TO RTU SUPPLY AND RETURN. ROOF CURB SHALL NOT SERVE AS PLENUM.
13. TERMINATE CONDENSATE DRAIN AT SCUPPER. LOCATE PIPING SUPPORTS TO MINIMIZE IMPACT ON ROOF DRAINAGE.

1 MECHANICAL ROOF PLAN

SCALE: 1/8"=1'-0"

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Title

Mechanical Roof Plan

Sheet

M131

SHEET SIZE 24" x 36"
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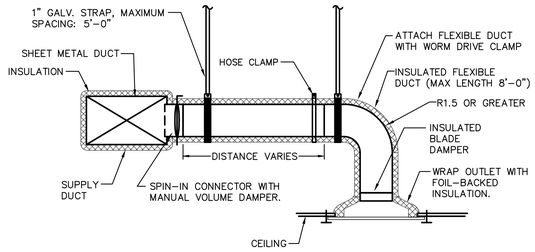
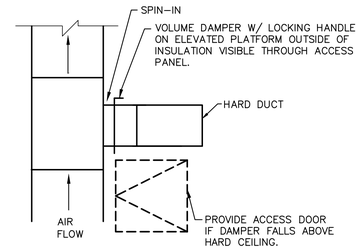
qnguyen

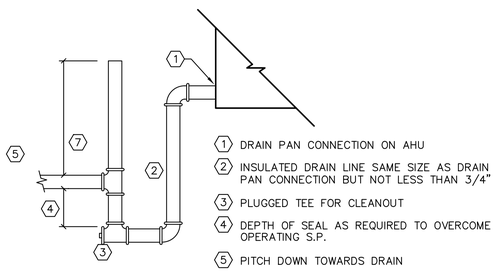


1 CEILING OUTLET DETAIL
SCALE: NONE

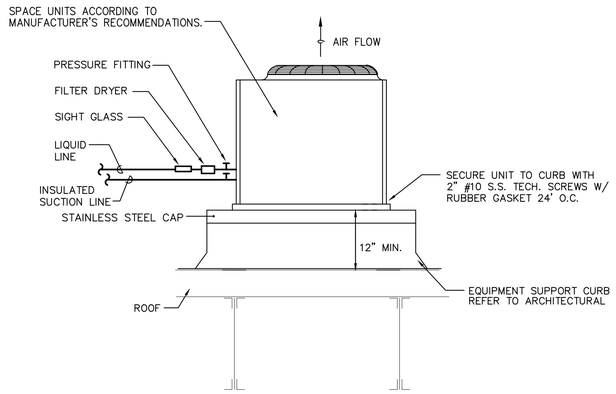


NOTE:
DETAIL APPLIES TO ALL SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTS.

2 SPIN IN DETAIL
SCALE: NONE



3 AHU COOLING COIL CONDENSATE TRAP
SCALE: NONE



4 ROOF MOUNTED CONDENSING UNIT DETAIL
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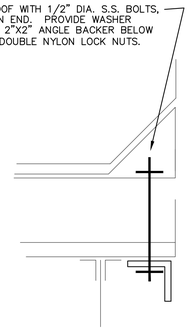
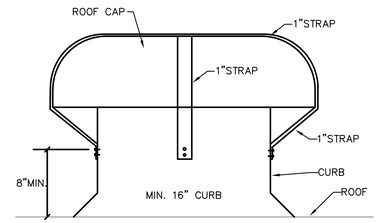
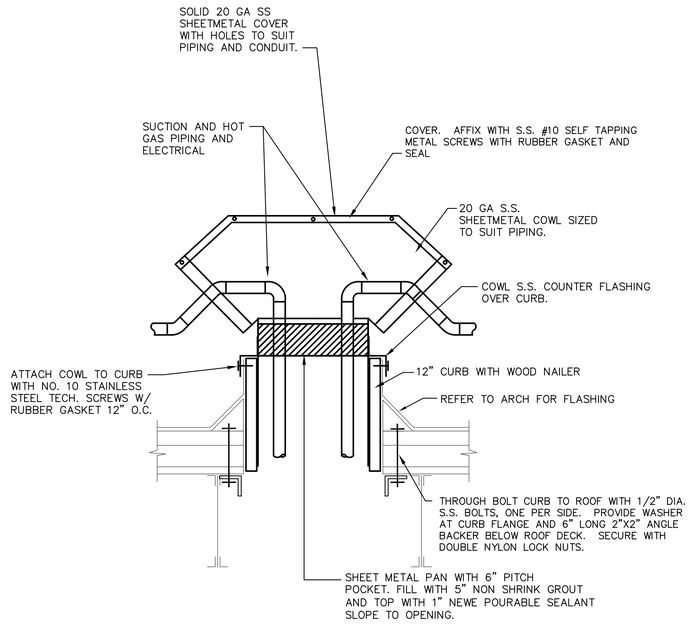


5 ROOF EQUIPMENT ANCHOR DETAIL
SCALE: NONE



6 ROOF CAP STRAP DETAIL
SCALE: NONE



7 ROOF COWL DETAIL
SCALE: NONE

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TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

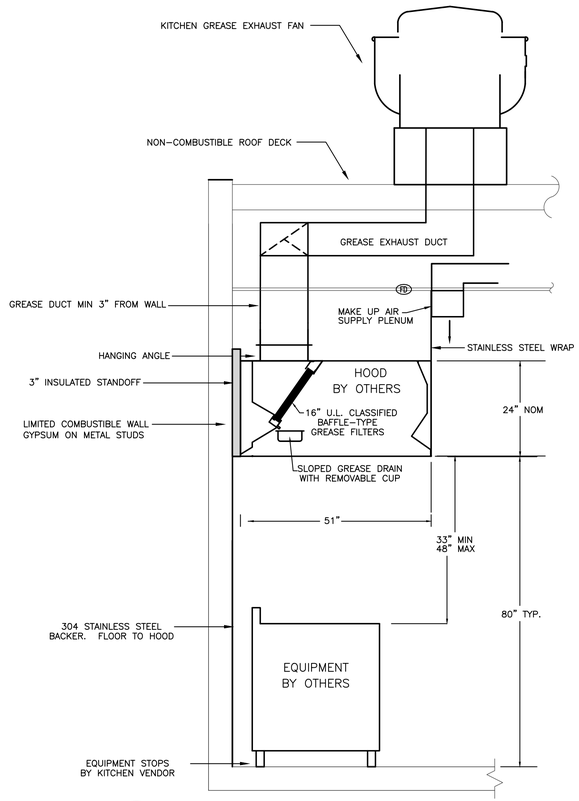
Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

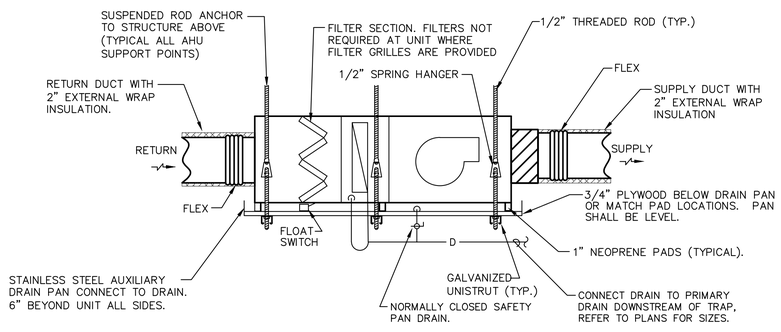
Title
Mechanical Details

Sheet
M201

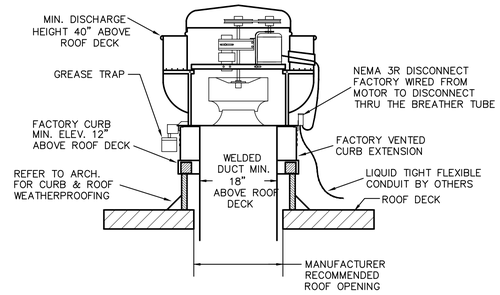
SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-MECH\1882-M201_MECH DETAILS
qnguyen



1 HOOD INSTALLATION DETAIL
SCALE: NONE



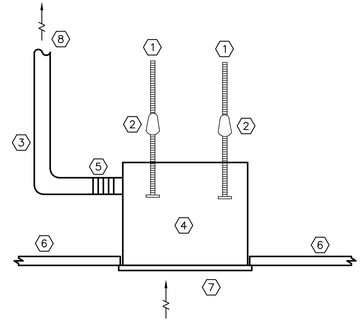
2 SUSPENDED HORIZONTAL AIR HANDLING UNIT DETAIL
SCALE: NONE



NOTE: FAN & CURB SHALL PROVIDED BY KITCHEN EQUIPMENT VENDOR.

3 KITCHEN GREASE EXHAUST FAN DETAIL
SCALE: NONE

1. 3/8" HANGER RODS TO STRUCTURE ABOVE (TYP.)
2. VIBRATION ISOLATORS
3. DUCT SIZE AS SHOWN ON PLANS
4. CABINET EXHAUST FAN
5. FLEX CONNECTION (TYP.)
6. FINISHED CEILING
7. PERFORATED GRILLE SUPPLIED W/ EF. FINISH TO BE COORDINATED W/ ARCHITECT.
8. ROUTE EXHAUST DUCT TO ROOF PENETRATION.



4 CEILING EXHAUST FAN DETAIL
SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
REGISTERED
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

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AIR DEVICE SCHEDULE

TAG	CFM	NECK SIZE	FACE SIZE	FINISH	TYPE	MODEL:	NOTES:
A	SEE PLANS	VARIES	24x24	WHITE	LAY-IN	NAILOR A UNI	1,2,3
B	SEE PLANS	VARIES	24x24	WHITE	SURFACE	NAILOR A UNI	1,2
C	SEE PLANS	VARIES	12x12	WHITE	SURFACE	NAILOR A UNI	1,2
D	SEE PLANS	VARIES	24x24	WHITE	LAY-IN	NAILOR 5145H	2,3
E	SEE PLANS	VARIES	24x24	WHITE	SURFACE	NAILOR 5145H	2,3
F	SEE PLANS	VARIES	12x12	WHITE	SURFACE	NAILOR 5145H	2,3
G	SEE PLANS	16x12	18x14	WHITE	SURFACE	NAILOR 51DGD	3

NOTES:
1. PROVIDE STEEL OPPOSED BLADE DAMPER WITH KEY OPERATION THROUGH DIFFUSER AIR DEVICES WITH ROUND CONNECTIONS SHALL USE BUTTERFLY DAMPERS.

AIR HANDLING UNIT SCHEDULE

TAG	SERVICE	AIRFLOW		FAN		UNIT COOLING CAPACITY			HEATING		ELECTRICAL			MODEL:	NOTES:
		TOTAL CFM	OA CFM	HP	ESP (INWG)	EAT DB/WB (DEG F)	LAT DB/WB (DEG F)	NUMBER STAGES	CAPACITY (KW)	NO. STAGES	V/PH/HZ	MCA	MOP		
AHU-1	SEE PLANS	945	230	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-2	SEE PLANS	1670	195	3/4	0.5	75/62.4	55/54	1	15	2	460/3/60	24.2	25	YORK - MP16/CM48	1,2,3,4
AHU-3	TRAINING/CLASSROOM 1	1200	270	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-4	TRAINING/CLASSROOM 2	700	275	1/4	0.5	75/62.4	55/54	1	8	2	208/1/60	36.4	40	YORK MODEL A P	1,2,3,4
AHU-5	KITCHEN	1225	100	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-6	IT-115	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-7	PRESCHOOL 1	780	290	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-8	PRESCHOOL 2	705	280	1/4	0.5	75/62.4	55/54	1	8	2	208/1/60	36.4	40	YORK MODEL A P	1,2,3,4
AHU-9	TODLERS 2	1200	335	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-10	TODLERS 1	1110	315	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-11	INFANTS	840	225	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-12	LOBBY -201	600	50	1/4	0.5	75/62.4	55/54	1	5	2	208/1/60	23.4	25	YORK MODEL A P	1,2,3,4
AHU-13	IT-216	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-14	ELEV. EQUIP-224	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-15	STAIR	1200	0	3/4	0.333	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4

NOTES:
1. UNIT COOLING REFLECTS COIL DISCHARGE TEMPERATURE WITH 2 DEG F ALLOWANCE FOR FAN TEMP RISE. ADJUST COIL AS REQUIRED TO ACCOUNT FOR HIGHER FAN LOSS.
2. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS.
3. PROVIDE SINGLE POINT POWER CONNECTION. PROVIDE DRAIN PAN FLOAT SWITCH
4. UNIT SHALL OPERATE IN CONTINUOUS FAN MODE WHILE IN OCCUPIED MODE
5. POWER TO BE PROVIDED VIA CORRESPONDING CU, REFER TO CU SCHEDULE FOR REQUIREMENTS.
6. UNIT TO BE COOLING ONLY DX SPLIT SYSTEM WITH CONDENSING UNIT. PROVIDE ALL REQUIRED HANGING BRACKETS, VIBRATION ISOLATORS, ETC. FOR WALL MOUNT INSTALLATION. T-STAT TO BE HARDWIRED WALL MOUNT.

REPLACE 14 SEER FOR 16 SEER MINIMUM

CONDENSING UNIT SCHEDULE

TAG	SERVICE	SEER	CAPACITY (BTUH)	REFRIG.	AMBIENT AIR TEMP (DEG F)	ELECTRICAL			MODEL:	NOTES:
						V/PH/HZ	MCA	MOP		
CU-1	AHU-1	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-2	AHU-2	14	48,000	R410A	95	208/1/60	25.7	45	YORK MODEL YFE	1,2
CU-3	AHU-3	14	36,000	R410A	95	208/1/60	20.5	35	YORK MODEL YFE	1,2
CU-4	AHU-4	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-5	AHU-5	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-6	AHU-6	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-7	AHU-7	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-8	AHU-8	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-9	AHU-9	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-10	AHU-10	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-11	AHU-11	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-12	AHU-12	14	17,800	R410A	95	208/1/60	10	15	YORK - YCJD18	1,2
CU-13	AHU-13	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-14	AHU-14	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-15	AHU-15	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2

NOTES:
1. PROVIDE LOW AMBIENT KIT, FACTORY INSTALLED HAIL GUARD, AND ANTI-SHORT CYCLE TIMER.
2. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. OUTDOOR UNIT (CU) POWER REQUIREMENTS INCLUDE POWER FOR INDOOR UNIT (AHU). ELEC TO ROUTE CONDUIT FROM TERMINAL BLOCKS AT CU TO DISCONNECT SWITCH AT AHU PROVIDED BY ELECTRICAL.

100% OUTSIDE AIR ROOFTOP UNIT WITH ENERGY RECOVERY SCHEDULE

TAG	OUTSIDE AIR							EXHAUST AIR					UNIT COOLING CAPACITY			HEATING CAPACITY	RE-HEAT	ELECTRICAL				AAON MODEL:	INSTALLED WEIGHT (LBS.)	NOTES:
	AIRFLOW (CFM)	ESP (INWG)	SUMMER DB/WB (DEG F)	SUMMER LAT DB/WB (DEG F)	WINTER DB/WB (DEG F)	WINTER LAT DB/WB (DEG F)	FAN HP	AIRFLOW (CFM)	ESP (INWG)	SUMMER EAT DB/WB (DEG F)	WINTER DB/WB (DEG F)	FAN HP	EAT DB/WB (DEG F)	LAT DB/WB (DEG F)	NO. STAGES	NO. CAPACITY (KW)	CAPACITY (MBH)	V/PH/HZ	FLA	MCA	MOP			
OAU-1	3255	0.5	95 / 80	87.47/74.37	30 / 28	45.81/40.28	5	1550	0.5	75 / 62	72 / 57	1	87.47/74.37	53.76/53.56	SCROLL	40 SCR	57	460/3/60	58	73	80	RN-018-3-0-EB09-14A-UELC-U0B-DPF-BBA-CDA00F-00-0000000AB	3391	1-5

NOTES:
1. PROVIDE SINGLE-POINT POWER CONNECTION (SUPPLY FAN WALL, EXHAUST FAN WALL, AND WHEEL MOTOR). ALL FAN MOTORS SHALL FEATURE FACTORY INSTALLED VARIABLE FREQUENCY DRIVE CONTROLS. UNITS TO BE PROVIDED WITH INTEGRAL DISCONNECT. PROVIDE INTEGRAL 2-POSITION MOTORIZED DAMPERS AT O.A. INTAKE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. UNIT COOLING REFLECTS COOLING COIL DISCHARGE TEMPERATURE. ADJUST COIL CAPACITY AS REQUIRED TO ACCOUNT FOR INTERNAL GAIN BEYOND 2 DEG F. RISE.
3. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS (2" THICK, MERV 13, ANGLED RACK).
4. SMOKE DETECTORS SHALL BE MOUNTED IN DUCT BY MECHANICAL AND PROVIDED/INSTALLED BY ELECTRICAL. COORDINATE INSTALLATION OF DETECTORS. DETECTORS SHALL BE LOCATED AS SHOWN ON THE PLANS.
5. UNIT TO BE CONFIGURED FOR BOTTOM SUPPLY AND EXHAUST AIR CONNECTIONS. LOCATE UNIT ON FACTORY INSULATED ROOF CURB. ANCHOR UNIT AND CURB ACCORDING TO MANUFACTURER'S WIND & SEISMIC BRACKET REQUIREMENTS OUTLINED IN SPECIFICATIONS AND ON PLANS.

ROOFTOP UNIT SCHEDULE

TAG	SERVICE	AIRFLOW		FAN		UNIT COOLING CAPACITY			HEATING		ELECTRICAL			MODEL:	INSTALLED WEIGHT (LBS)	NOTES:
		TOTAL CFM	OA CFM	HP	ESP (INWG)	EAT (DB/WB) (DEG F)	LAT (DB/WB) (DEG F)	NO. STAGES	CAPACITY (KW)	NO. STAGES	V/PH/HZ	MCA	MOP			
RTU-1	SEE PLAN	3440	410	3	0.5	75/62.4	54.4/52.8	2	36	2	480/3/60	57.1	60	JCI MODEL J082FE36N4AAA6	1052	1,2,3
RTU-2	SEE PLAN	2535	255	2	0.375	75/62.4	53/52.2	2	36	2	480/3/60	55.4	60	JCI MODEL J062FE36N4AAA5	905	1,2,3
RTU-3	BOARD ROOM	700	125	0.5	0.25	75/62.4	53.2/52.2	1	10	2	208/1/60	47.1	50	YORK MODEL PCE4A	330	1,2,3

NOTES:
1. PROVIDE SINGLE SOURCE POWER CONNECTION, INTEGRAL DISCONNECTS AND FACTORY INSULATED ROOF CURB. UNIT TO BE BOTTOM SUPPLY AND RETURN.
2. UNIT COOLING REFLECTS COOLING COIL DISCHARGE TEMPERATURE. ADJUST COIL CAPACITY AS REQUIRED TO ACCOUNT FOR INTERNAL GAIN BEYOND 2 DEG F. RISE.
3. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS.

FAN SCHEDULE

TAG	SERVICE	MOUNTING TYPE	FAN				ELECTRICAL		MODEL:	NOTES:
			TOTAL CFM	HP	ESP (INWG)	MAX RPM	CONTROL	V/PH/HZ		
EF-1	KH-1	CURB	1600	.5	1.00	1157	HOOD	208/3/60	CAPTIVE AIRE MODEL NCA14FA	1,2
EF-2	ELECTRICAL-222	SUSPENDED, CEILING	200	81W	0.500	1050	TSTAT	115/1/60	GREENHECK MODEL SP-A290	3,4,5
EF-3	TRASH-112	SUSPENDED, CEILING	150	128W	0.500	1050	DDC	115/1/60	GREENHECK MODEL SP-B150	3,4,6
EF-4	ELEV EQUIP	SUSPENDED, CEILING	50	12W	0.500	800	DDC	115/1/60	GREENHECK MODEL SP-A50-90-VG	3,4,6
MUA/F-1	KH-1	CURB	1280	.5	0.50	702	HOOD	208/3/60	CAPTIVE AIRE A1-G10	1,2

NOTES:
1. INTERLOCK FAN WITH HOOD CONTROL PANEL.
2. SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN.
3. PROVIDE ALL REQUIRED HANGING BRACKETS, VIBRATION ISOLATORS, ETC. FOR SUSPENDED INSTALLATION.
4. PROVIDE INTEGRAL BACKDRAFT DAMPER, 5 AMP 120 VOLT SPEED CONTROLLER FACTORY MOUNTED INSIDE OF FAN HOUSING, PLASTIC GRILLE AND STANDARD DISCONNECT.
5. INTERLOCK FAN WITH THERMOSTAT. SET THERMOSTAT TO 90° F. FOR ELECTRICAL ROOM TEMPARATURE CONTROL.

KITCHEN HOOD SCHEDULE

TAG	SERVICE	HOOD DIMENSIONS		EXHAUST AIR		SUPPLY AIR		CAPTIVE AIRE MODEL:	NOTES:
		LENGTH (IN)	WIDTH (IN)	TOTAL CFM	PD (INWG)	TOTAL CFM	PD (INWG)		
KH-1	KITCHEN-110	96	48	1600	0.566	1280	0.274	4824 ND-2-PSP-F	1

NOTES:
1. SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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qnguyen

PLUMBING SYMBOL LEGEND

MARK	DESCRIPTION
———	SANITARY SEWER (SS)
- - - - - - - -	SANITARY VENT (V)
——— GL ———	GREASY WASTE LINE (GL)
——— — ———	DOMESTIC COLD WATER (CW)
— - - — - - —	DOMESTIC HOT WATER (HW)
——— G ———	NATURAL GAS
FD	FLOOR DRAIN (FD)
HD	HUB DRAIN (HD)
AD	AREA DRAIN (AD)
FS	FLOOR SINK (FS)
TD	TROUGH DRAIN (TD)
C.O.	CLEANOUT (CO)
FCO	FLOOR CLEANOUT (FCO)
ECO	EXTERIOR CLEANOUT (ECO)
	BALL VALVE
	GATE VALVE
	CHECK VALVE
HB	HOSE BIB (HB)
IC	IN CEILING SPACE
ICB	IN CEILING SPACE BELOW
U/G	UNDERGROUND
VTR	VENT THRU ROOF
AFF	ABOVE FINISHED FLOOR

STANDARD FIRE PROTECTION LEGEND

MARK	DESCRIPTION
●	PENDENT SPRINKLER (SEMI-RECESSED)
△	HORIZONTAL SIDEWALL SPRINKLER

STANDARD NOTE SYMBOL LEGEND

MARK	DESCRIPTION
1	FLOOR PLAN OR DRAWING OTHER THAN DETAIL
1 / P-1	DETAIL REFERENCE: (SHOWN UNDER PLANS) NUMBER DENOTES DETAIL NUMBER LETTER "P" DENOTES SHEET ON WHICH DETAIL IS DRAWN

PLUMBING GENERAL NOTES:

1. PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL PLUMBING CODES AND STATE AMMENDMENTS.
2. INSULATE DOMESTIC HOT AND COLD WATER PIPING INSTALLED ABOVE FINISHED CEILINGS. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.
3. ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTIONS.
4. SET THE RIM OF ALL HUB DRAINS 1" A.F.F
5. ALL VENT, HOT WATER, COLD WATER AND GAS PIPING IS IN CEILING SPACE UNLESS NOTED OTHERWISE.
6. ALL SANITARY AND GREASE WASTE PIPING IS UNDERGROUND ON 1ST FLOOR AND IN CEILING BELOW ON 2ND FLOOR. CONTRACTOR TO VERIFY EXACT ROUTING OF SANITARY AND GREASE WASTE PRIOR TO INSTALLATION.
7. SIZES FOR HOT AND COLD WATER MAINS SHOWN ON PLAN. SEE KITCHEN EQUIPMENT SCHEDULES AND PLUMBING FIXTURE SCHEDULE FOR BRANCH SIZES TO EQUIPMENT AND FIXTURES.
8. FIRE SAFE ALL PENETRATIONS THRU RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD U.L. LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM 3-814 REQUIREMENTS.
9. NO PLUMBING EQUIPMENT OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANEL. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
10. HUB DRAINS SERVING ONLY WATER HEATERS SHALL BE PROVIDED WITH TRAP SEAL DEVICES.

SPRINKLER GENERAL NOTES:

1. THE BUILDING SHALL BE PROTECTED THROUGHOUT BY AN AUTOMATIC WET PIPE SPRINKLER SYSTEM.
2. THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13, 2016 EDITION REQUIREMENTS.
3. THE BUILDING IS CLASSIFIED AS EDUCATIONAL. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS A LIGHT HAZARD SYSTEM FOR ALL CLASS ROOMS, OFFICE AREAS, PUBLIC AND SIMILAR SPACES. THE DESIGN DENSITY SHALL BE 0.10 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
4. MECHANICAL AND ELECTRICAL ROOMS SHALL BE SHALL BE DESIGNED AS AN ORDINARY HAZARD, GROUP 1 SYSTEMS. THE DESIGN DENSITY SHALL BE 0.15 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
5. STORAGE ROOMS SHALL BE CLASSIFIED AS STORAGE SPACES. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS AN ORDINARY HAZARD, GROUP 2 SYSTEMS. THE DESIGN DENSITY SHALL BE 0.20 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
6. SPRINKLERS SHALL BE QUICK RESPONSE, FULLY-CONCEALED, CHROME PLATED PENDENT SPRINKLERS, UNLESS NOTED OTHERWISE.
7. FIRE SAFE ALL PENETRATIONS THRU RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD U.L. LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM E-814 REQUIREMENTS.
8. CONTRACTOR SHALL USE ARMOVERS TO CENTER SPRINKLERS IN CEILING TILES.
9. PROVIDE SHUT OFF VALVE W/ TAMPER SWITCH AND FLOW SWITCH AT EACH FLOOR.
10. NO FIRE PROTECTION EQUIPMENT OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.

DOMESTIC WATER HEATER SCHEDULE

TAG	FUEL TYPE	CAPACITY (KW)	STORAGE (GALLONS)	RECOVERY (GPH)	TEMP. RISE (DEG F.)	ELECTRICAL V/PH	AO SMITH MODEL:	NOTES:
WH-2	ELECTRIC	4	30	20	80	208/3	DEL-30	1
WH-3	ELECTRIC	5	40	25	80	208/3	DEL-40	1
WH-4	ELECTRIC	5	50	25	80	208/3	DEL-50	1
WH-5	ELECTRIC	4	30	20	80	208/3	DEL-30	1

NOTES:
1. HEATER TO BE FURNISHED WITH NON-SIMULTANEOUS UPPER AND LOWER HEATING ELEMETNS.

DOMESTIC WATER HEATER SCHEDULE

			HEATING CAPACITY			ELECTRICAL			
TAG	FUEL TYPE	STORAGE CAPACITY (GAL)	INPUT (BTUH)	RECOVERY (GPH)	TEMP RISE (DEG F)	V/PH/HZ	AMP	AO SMITH MODEL:	NOTES:
WH-1	NAT GAS	100	150,000	173	100	120/1/60	15	BTH-150	1,2

NOTES:
1. WATER HEATER TO BE CONFIGURED FOR POWER DIRECT-VENT.
2. PROVIDE ACID NEUTRALIZING KIT ON CONDENSATE DISCHARGE.

PUMP SCHEDULE

I.D. NO.	FLOW (GPM)	HEAD(FT)	HP	VOLTAGE	PHASE	HYDROMATIC MODEL:	NOTES
SP-1	50	12	1/2	120	1	HP-50	1

NOTES:
1. SUMBERSIBLE SUMP PUMP FOR ELEVATOR PIT.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	BASIS OF DESIGN MAKE MODEL	ROUGH IN REQUIREMENTS (INCHES NOMINAL PIPE SIZE) WASTE	VENT	CW	HW	NOTES:
P1	WATER CLOSET - FLOOR MOUNTED, 15":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ELONGATED BOWL, WHITE FINISH.	AMERICAN STANDARD, MADERA, MODEL 2234.001					
	SEAT: ELONGATED, OPEN FRONT W/ ANTIMICOBIAL AGENT, COMMERCIAL FASTENING SYSTEM, WHITE.	CHURCH, MODEL 3155CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P1A	WATER CLOSET - FLOOR MOUNTED, ADA COMPLIANT, 16-1/2":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ELONGATED BOWL, WHITE FINISH.	AMERICAN STANDARD, MADERA, MODEL 3043.001					
	SEAT: ELONGATED, OPEN FRONT W/ ANTIMICOBIAL AGENT, COMMERCIAL FASTENING SYSTEM, WHITE.	CHURCH, MODEL 3155CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P2	WATER CLOSET - FLOOR MOUNTED, 10":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ROUND FRONT BOWL, WHITE FINISH.	AMERICAN STANDARD, BABY DEVERO, MODEL 2282.001					
	SEAT: ROUND, OPEN FRONT LESS COVER, CHECK HINGES, ANTIMICROBIAL, WHITE.	CHURCH, MODEL 1580CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P3	URINAL - WALL HUNG, ADA COMPLIANT:		2	2	3/4	N/A	1
	FIXTURE: TOP SPUD, WHITE FINISH.	AMERICAN STANDARD, WASHBROOK, MODEL 6590.001					
	FLUSH VALVE: MANUAL FLUSH, 1.0 GPF.	SLOAN, ROYAL, MODEL 186-1.0					
P4	LAVATORY - TOP MOUNT, ADA COMPLIANT:		2	2	1/2	1/2	3
	FIXTURE: OVAL, 3 HOLE, 8" FAUCET CENTERS, WHITE FINISH.	AMERICAN STANDARD, AQUALYN, MODEL 0475.020					
	SUPPLIES: 8" CENTERS, 4" WRISTBLADE HANDLES, CHROME PLATED, 0.5 GPM.	CHICAGO, MODEL 404-VE2805-317ABCP					
	THERMOSTATIC MIXING VALVE: ASSE 1070 COMPLIANT.	LEONARD, MODEL 170-LF					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P5	ELECTRIC WATER COOLER - SINGLE-LEVEL, ADA:		2	2	1/2	N/A	1
	FIXTURE:	ELKAY, MODEL VRCFR8S					
	STOPS: QUARTER TURN						
	TRAP: CROME PLATED TUBULAR						
P6	LAVATORY - WALL MOUNTED, ADA COMPLIANT:		2	2	1/2	1/2	1
	FIXTURE: 3 HOLE, 4" CENTERS, FAUCET LEDGE, WHITE FINISH.	AMERICAN STANDARD, LUCERNE, MODEL 035.012					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 0.5 GPM.	WATTS, MODEL P1070V5					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P7	CLASSROOM SINK - WALL MOUNTED, ADA COMPLIANT:		2	2	1/2	1/2	1
	FIXTURE: 3 HOLE, 4" CENTERS, FAUCET LEDGE, WHITE FINISH.	AMERICAN STANDARD, LUCERNE, MODEL 035.012					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 2.0 GPM.	WATTS, MODEL P1070					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P8	CLASSROOM SINK - UNDERMOUNT, ADA COMPLIANT:		2	2	1/2	1/2	
	FIXTURE: 14"x14", SINGLE BOWL, STAINLESS STEEL, UNDERMOUNT, 5-1/2" DEEP.	ELKAY, MODEL ELUHAD1414					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 2.0 GPM.	WATTS, MODEL P1070					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 152N					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
P9	UTILITY SINK:		2	2	1/2	1/2	
	FIXTURE: 8" CENTERS, MOLDED STONE, LAUNDRY TUB.	FIAT, MODEL DL-1					
	SUPPLIES: L TYPE SWING SPOUT, 8" CENTERS, 4" WRIST BLADE LEVERS.	CHICAGO, MODEL 1100-317ABCP					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 152N					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/2" X 2"	MCGUIRE, MODEL 8903					
P10	MOP SINK - FLOOR MOUNTED:		3	2	1/2	N/A	
	SUPPLIES: SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, AND PAIL HOOK.	FIAT, MODEL 830-AA					
	FIXTURE: 24" X 24", TERRAZZO, 12" CURBS, DROP FRONT, STAINLESS STEEL CAPS.	FIAT, MODEL TSB-3000					
	DRAIN: 3" INTEGRAL DRAIN WITH 16 GAUGE STRAINER PLATE	FIAT, MODEL 1453-BB					
	TRAP: 3" CAST IRON P-TRAP.						
P11	ELECTRIC WATER COOLER - TWO-LEVEL, ADA:		2	2	1/2	N/A	1
	FIXTURE:	ELKAY, MODEL VRCTLSSC					
	STOPS: QUARTER TURN						
	TRAP: CROME PLATED TUBULAR						
P12	SHOWER - PRE-FABRICATED, ADA:						
	FIXTURE: ONE PIECE ACRYLLIC W/ STAINLESS STEEL GRAB BARS, FOLDING SEAT, CHROME CURTAIN ROD AND ANTIMICROBIAL GREEN CURTAIN	AQUA GLASS, MODEL 634137DL	2	2	1/2	1/2	
	SUPPLY: PRESSURE BALANCE VALVE, HAND HELD SHOWER HEAD, 59" FLEXIBLE HOSE, WALL SUPPLY, STAINLESS STEEL SLIDE/GRAB BAR, 2.5 GPM.	AMERICAN STANDARD, MODEL 1662.601					
	DRAIN: BRASS DRAIN WITH NICKLE BRONZE ROUND STRAINER	J.R. SMITH 2005 SERIES					
P13	SHOWER - CUSTOM, ADA:		2	2	1/2	1/2	
	FIXTURE: FIXTURE TO BE CUSTOM BUILT. REFER TO ARCHITECTURAL PLANS.						
	SUPPLY: PRESSURE BALANCE VALVE, HAND HELD SHOWER HEAD, 59" FLEXIBLE HOSE, WALL SUPPLY, STAINLESS STEEL SLIDE/GRAB BAR, 2.5 GPM.	AMERICAN STANDARD, MODEL 1662.601					
	DRAIN: BRASS DRAIN WITH NICKLE BRONZE ROUND STRAINER	J.R. SMITH 2005 SERIES					

NOTES:
1. PROVIDE 2" X 6" WOOD BLOCKING ATTACHED TO STUDS TO SUPPORT ANCHOR PLATE. REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT.
2. SOME FIXTURES REQUIRE EXTERNAL FLUSH VALVE TRAP PRIMERS. REFER TO PLANS FOR LOCATION / QUANTITY.

3. SHOWER TRENCH DRAINS (TB) TO BE INFINITY S-AS LINEAR DRAIN
4. P4 LAVATORY TO BE KOLHER UNDER MOUNT SINK K-2882

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.

Engineer _____

License Number 26162

Periodic site visits will (will not) be made by our firm

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601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

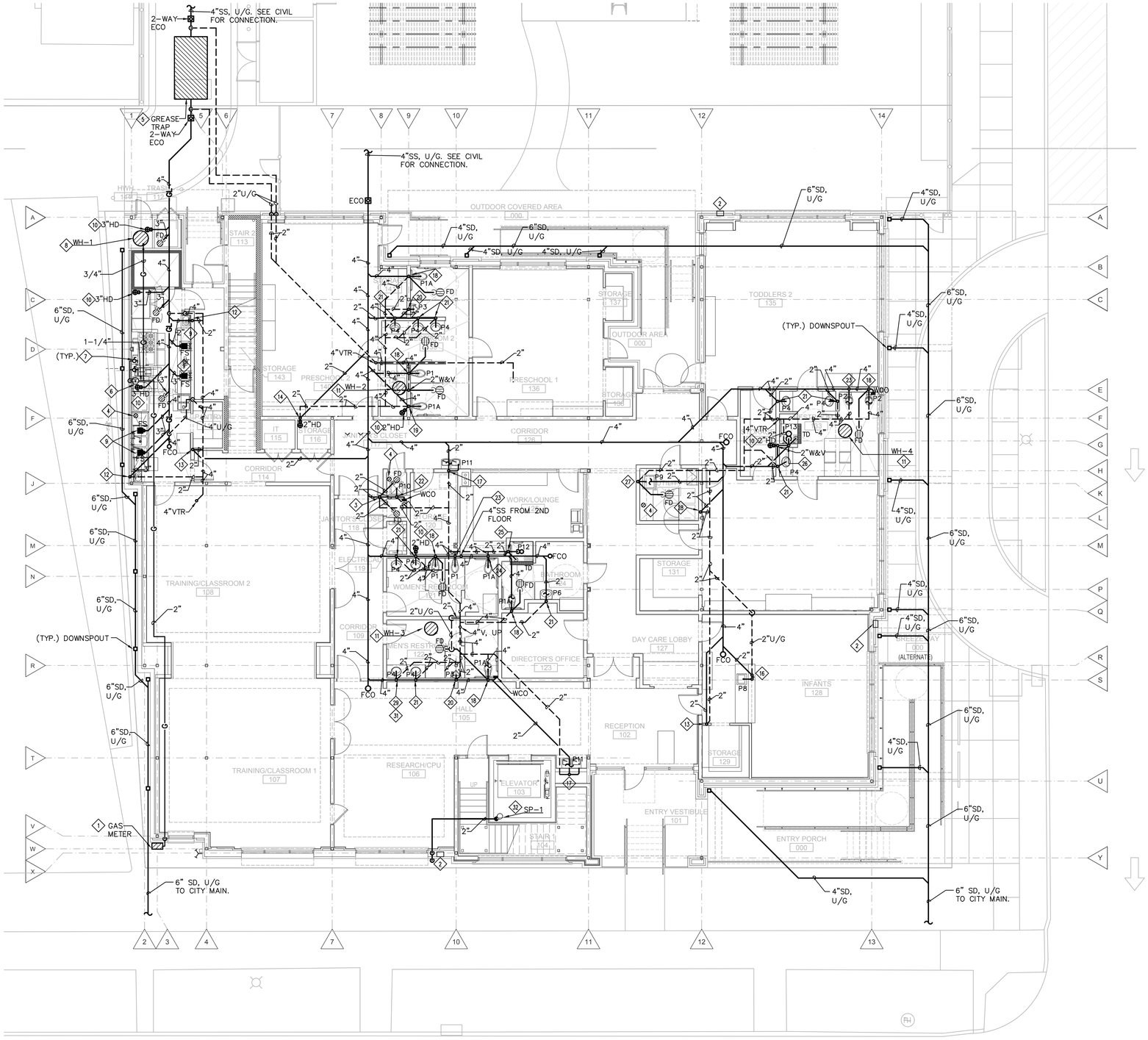
Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Plumbing/Sprinkler Legend and Notes

Sheet
P001

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P001_PLUMB LEGEND & NOTES
qnguyen



1 **PLUMBING PLAN - FIRST FLOOR**
SCALE: 1/8"=1'-0" REFER TO SHEET P112 FOR DOMESTIC WATER PIPING.

PLUMBING SPECIFIC NOTES:

1. ARRANGE WITH THE UTILITY COMPANY FOR A NEW GAS METER & SERVICE. TOTAL CONNECTED LOAD IS APPROX. 600 CFH. REQUIRED PRESSURE IS 10" W.C.
2. PROVIDE A NONFREEZE WALL BOX HYDRANT WITH 1/2" CW DROP.
3. PROVIDE A 2" W&V STACK TO SERVE THE TWO FD WITH TRAP PRIMERS.
4. TRAP PRIMER LOCATED ABOVE CEILING, EQUAL TO PPP MODEL PR-500 COMPLETE WITH AIR-GAP FITTING AND DISTRIBUTION UNIT (IF SERVING MULTIPLE DRAINS). PROVIDE ACCESS PANEL. SEE DETAIL FOR MORE INFORMATION.
5. PROVIDE A 1000 GALLON CONCRETE GREASE TRAP WITH HEAVY TRAFFIC RATED COVERS AND PVC COATING ON CONCRETE INTERIOR. REFER TO DETAIL FOR DIMENSIONAL AND INSTALLATION REQUIREMENTS. REFER TO STRUCTURAL DRAWINGS FOR TRAP SUPPORT.
6. INSTALL AUTOMATIC GAS SHUT OFF VALVE SUPPLIED AS PART OF HOOD EQUIPMENT. AFTER VALVE, DROP GAS LINE DOWN FROM CEILING IN WALL TO 18" A.F.F. THEN TURN HORIZONTAL AND ROUTE TO APPROPRIATE KITCHEN EQUIPMENT.
7. PROVIDE 3/4" GAS CONNECTION WITH SHUT OFF VALVE.
8. GAS WATER HEATER MOUNTED ON 4" HOUSE KEEPING PAD IN SAFETY PAN. PROVIDE 3/4"NPT GAS AND 1-1/2" WATER CONNECTIONS. PIPE DRAINS THROUGH WALL TO OUTSIDE OF BUILDING. REFER TO MECHANICAL PLAN FOR INTAKE AND EXHAUST VENTS. REFER TO SCHEDULE AND DETAIL FOR MORE INFORMATION.
9. 8"X8" FLOOR SINK (FS) FOR KITCHEN EQUIPMENT DRAINS. SET RIM 1" A.F.F. GROUT SPACE BETWEEN RIM FLANGE AND FLOOR.
10. HD AT FLOOR FOR KITCHEN EQUIPMENT. SET RIM 1" A.F.F.
11. ELECTRIC WATER HEATER MOUNTED IN SAFETY PAN ON PLATFORM ABOVE CEILING. ROUTE DRAINS TO NEAREST HD. REFER TO SCHEDULE AND DETAIL FOR MORE INFORMATION.
12. PROVIDE A 3" WASTE & 2" VENT (W&V) STACK AND 1/2" COLD WATER (CW) & HOT WATER (HW) DROPS IN THE WALL TO SERVE THE HAND SINK.
13. PROVIDE A 2" W&V STACK TO SERVE AHU CONDENSATE DRAINAGE.
14. PROVIDE A 2" W&V STACK TO SERVE THE HD. SET RIM 1" AFF.
15. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE CLASSROOM SINK.
16. PROVIDE A 2" W&V STACK WITH ISLAND VENT AND 1/2" CW & HW STUB-UP IN THE COUNTER TO SERVE THE CLASSROOM SINK.
17. PROVIDE A 2" W&V STACK AND 1/2" CW DROP IN THE WALL TO SERVE THE DUAL HEIGHT ELECTRIC WATER COOLER.
18. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FLOOR DRAIN (FD) WITH TRAP PRIMER.
19. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET AND HD IC. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FD WITH TRAP PRIMER.
20. PROVIDE A 2" W&V STACK AND A 3/4" CW DROP IN THE WALL TO SERVE THE URINAL.
21. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE LAVATORY.
22. PROVIDE A 2"W & 2"V STACK AND TWO 1/2" CW & HW DROPS IN THE WALL TO SERVE THE BACK TO BACK MOP SINKS.
23. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET.
24. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET.
25. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE SHOWER. EXTEND A 2" WASTE ARM U/G TO SERVE THE TRENCH DRAIN (TD) WITH TRAP PRIMER.
26. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE SHOWER. EXTEND A 2" WASTE ARM ABOVE THE CEILING TO SERVE THE HD IC. EXTEND A 2" WASTE ARM U/G TO SERVE THE TD WITH TRAP PRIMER.
27. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE UTILITY SINK. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FD WITH TRAP PRIMER.
28. PROVIDE A RECESSED WASHING MACHINE BOX, EQUAL TO "OATEY" MODEL 38934 WITH 1/4 QUARTER TURN BRASS BALL VALVES AND CENTER 2"DRAIN OUTLET. PROVIDE A 2"WASTE & VENT STACK AND 1/2"CW & HW WATER DROPS IN THE WALL TO SERVE THE UTILITY BOX.
29. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL. PROVIDE ROUGH INS FOR FUTURE FIXTURE AND CAP. FIXTURE SHALL BE PROVIDED BY OWNER.
30. NOT USED
31. NOT USED
32. SUMP PUMP WITH PLUG CORD SET IN SUMP PIT. PROVIDE 2" DISCHARGE PIPING ROUTED TO BUILDING EXTERIOR UNDERGROUND. TERMINATE PIPING 18" AFG AND DIRECT AWAY FROM BUILDING.
33. PROVIDE HOSE BIB WITH 1/2" HOT AND COLD WATER CONNECTIONS TO SERVE TRASH AREA. COORDINATE EXACT LOCATION WITH ARCHITECT.

KITCHEN PLUMBING GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE (2015) AND STATE AMENDMENTS.
2. PROVIDE EQUIPMENT DRAINS FROM ALL KITCHEN EQUIPMENT TO THE NEAREST FS OR HD. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.
3. INSTALL ALL FAUCETS, TAILPIECES, LEVER HANDLE DRAINS, VACUUM BREAKERS, TEMPERATURE & PRESSURE GAGES, PRESSURE REDUCING VALVES, AUTOMATIC GAS SHUTOFF VALVE, FILTERS, FLEXIBLE HOSES AND QUICK DISCONNECT ASSEMBLIES AND ALL OTHER ACCESSORIES FURNISHED BY DIVISION 11. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.
4. ALL FD SHALL BE FURNISHED WITH TRAP PRIMER INLET CONNECTIONS. REFER TO PLUMBING DETAILS.
5. UNDERGROUND GREASY WASTE AND VENT PIPING SHALL BE A MINIMUM OF 3" CAST IRON.
6. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO KITCHEN EQUIPMENT. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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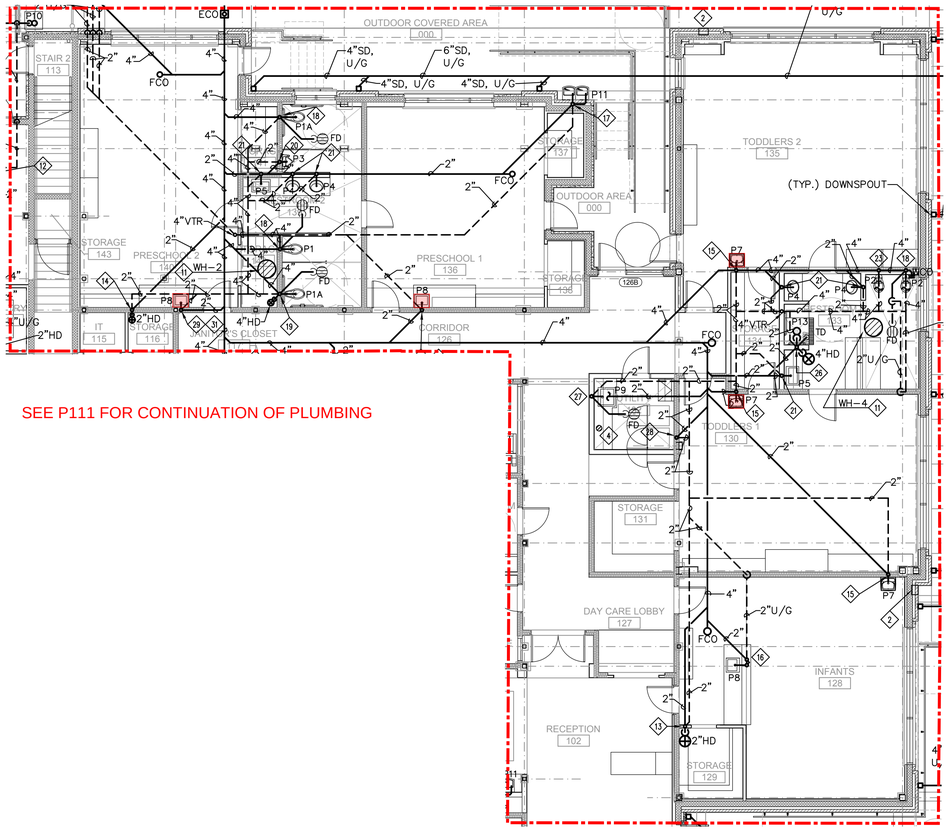
(RE-ISSUE 7/12/2023)

Title
Plumbing Plan
First Floor

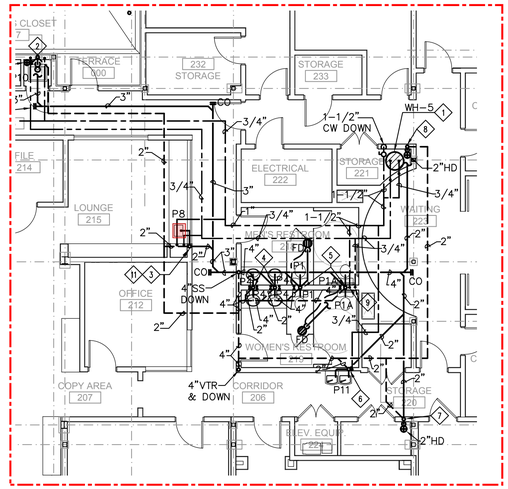
Sheet
P111

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P111_PLUMB 1ST
qnguyen

ALTERNATE 2- ADDITIONAL SINKS AT CLASSROOMS AND LOUNGE



1 PLUMBING PLAN - FIRST FLOOR
SCALE: 1/8"=1'-0" REFER TO SHEET P112 FOR DOMESTIC WATER PIPING.



1 PLUMBING PLAN - SECOND FLOOR
SCALE: 1/8"=1'-0"

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(RE-ISSUE 11/13/2024)

Title
ALTERNATE #2- PLUMBING

Sheet

SHEET SIZE 24" x 36"
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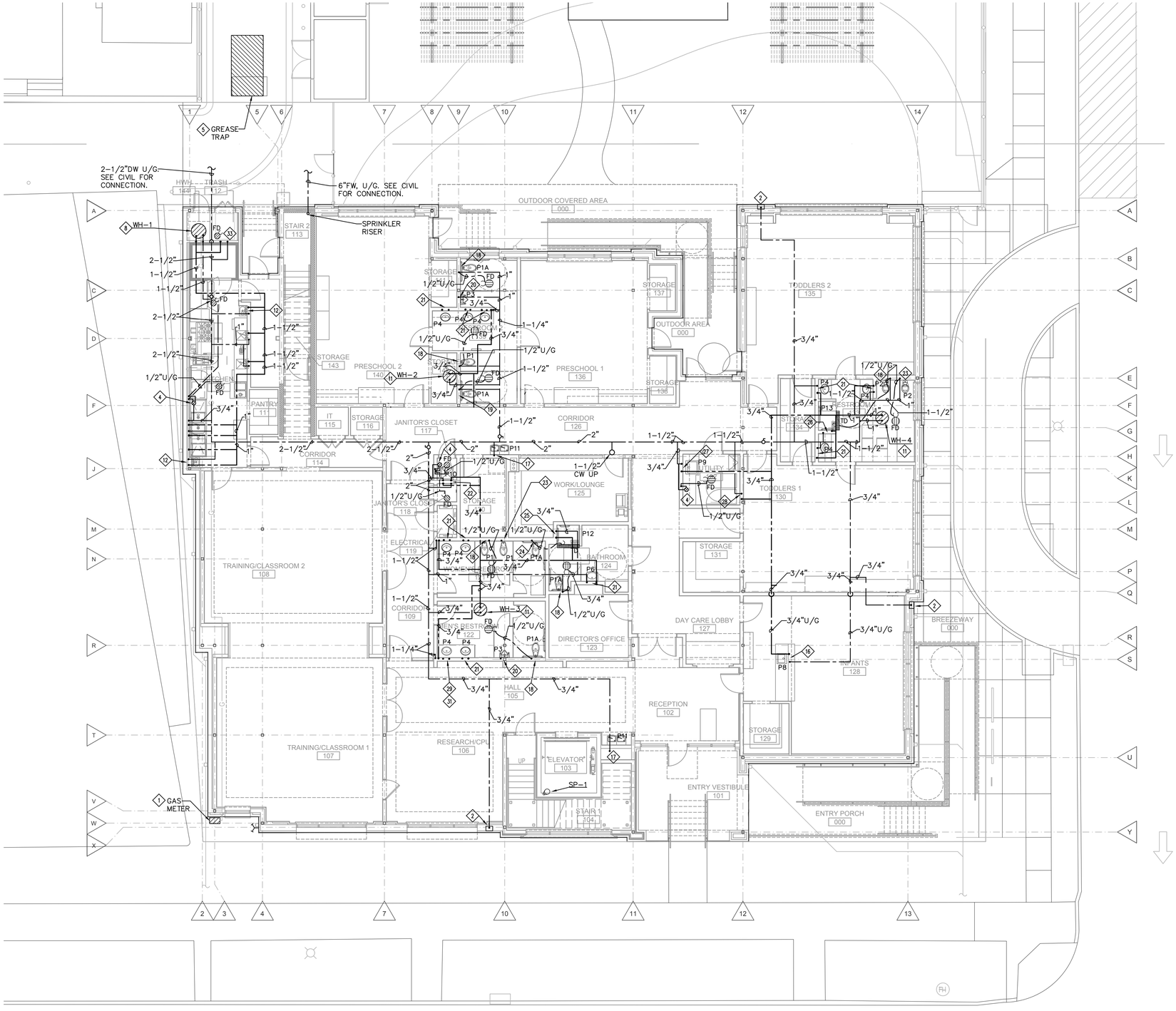
qnguyen



1 PLUMBING DOMESTIC PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

REFER TO SHEET P111 FOR SPECIFIC NOTES.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
REGISTERED
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING

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BID DOCUMENTS

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building

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601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

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Checked By	C.H.

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(RE-ISSUE 7/12/2023)

Title
Plumbing Domestic First Floor

Sheet
P112

SHEET SIZE 24"x 36"
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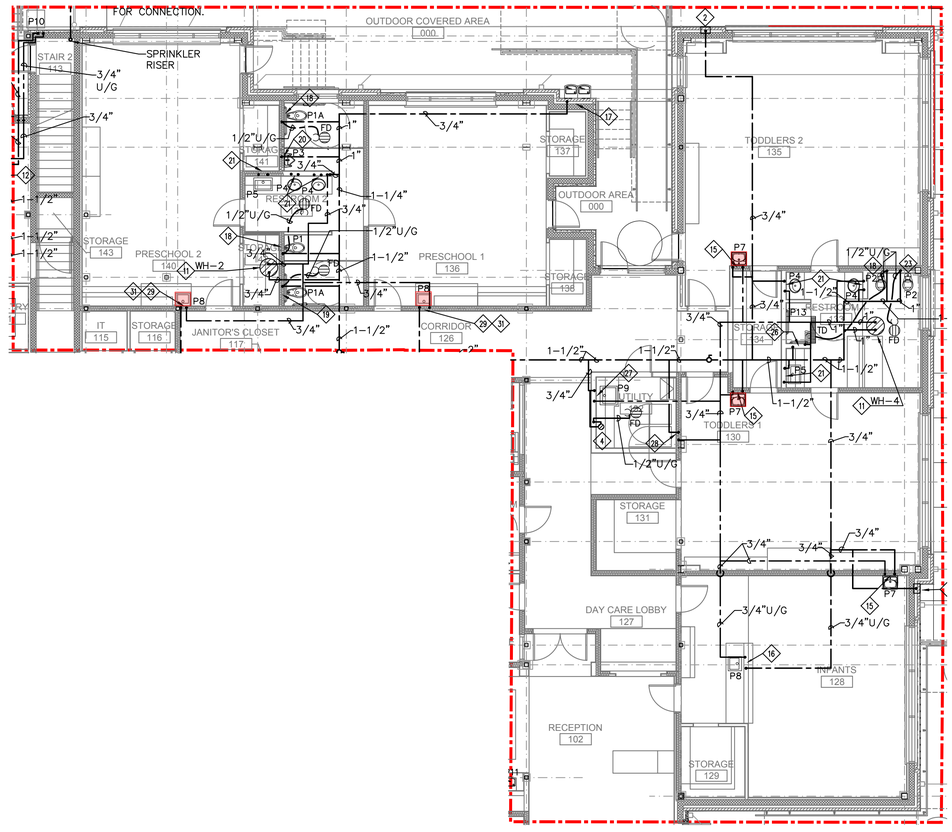
ALTERNATE 2- ADDITIONAL SINKS AT CLASSROOMS AND LOUNGE



1 PLUMBING DOMESTIC PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

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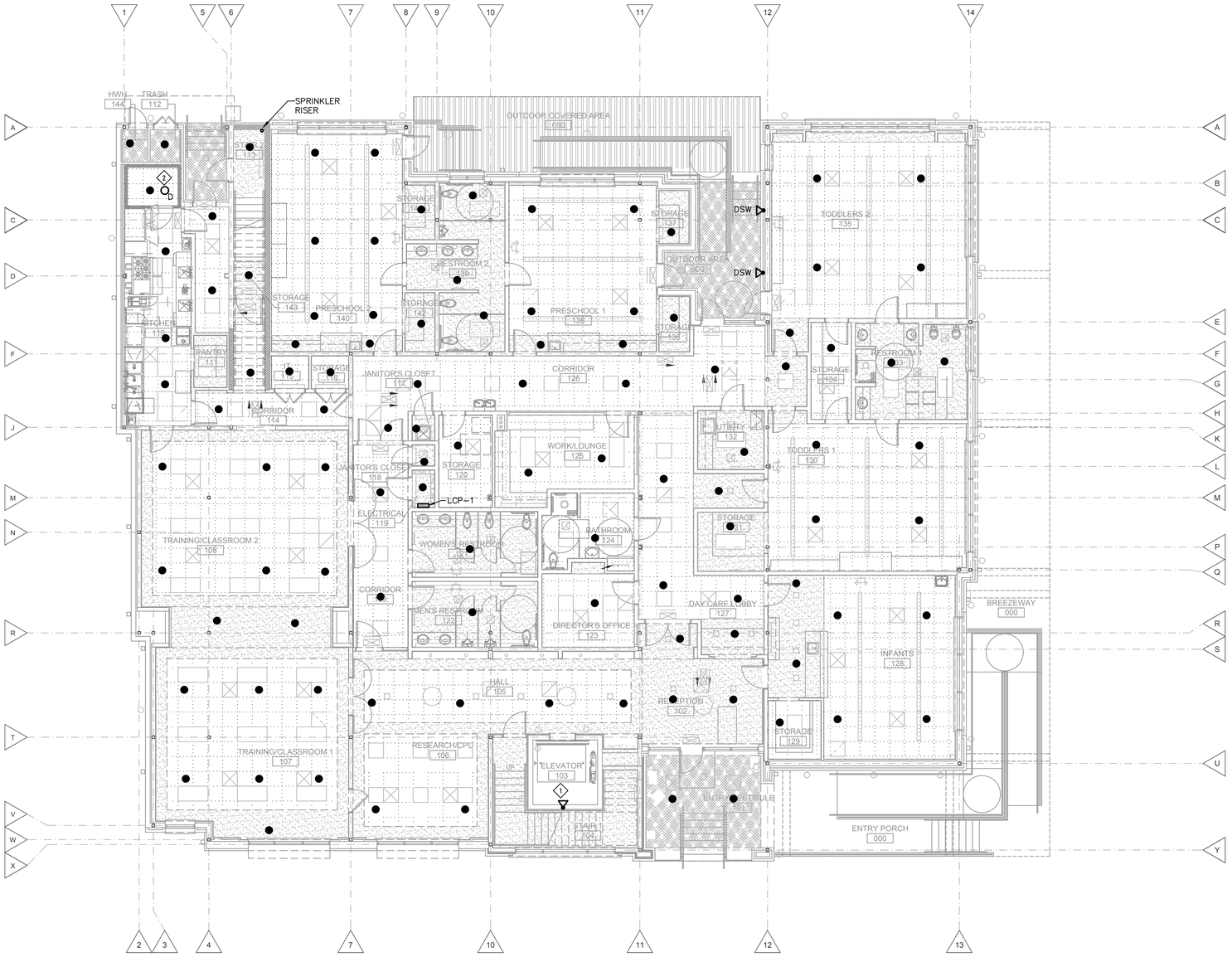
Title
ALTERNATE #2- PLUMBING

Sheet

SPRINKLER SPECIFIC NOTES:

1. PROVIDE SHUT-OFF VALVE WITH TAMPER AND FLOW SWITCH IN CEILING. VALVE SHALL BE ACCESSIBLE.
2. DRY UPRIGHT HEAD TO SERVE WALK-IN FREEZER.



1 SPRINKLER PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

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Title
Sprinkler Plan
First Floor

Sheet
P113

SHEET SIZE 24"x 36"
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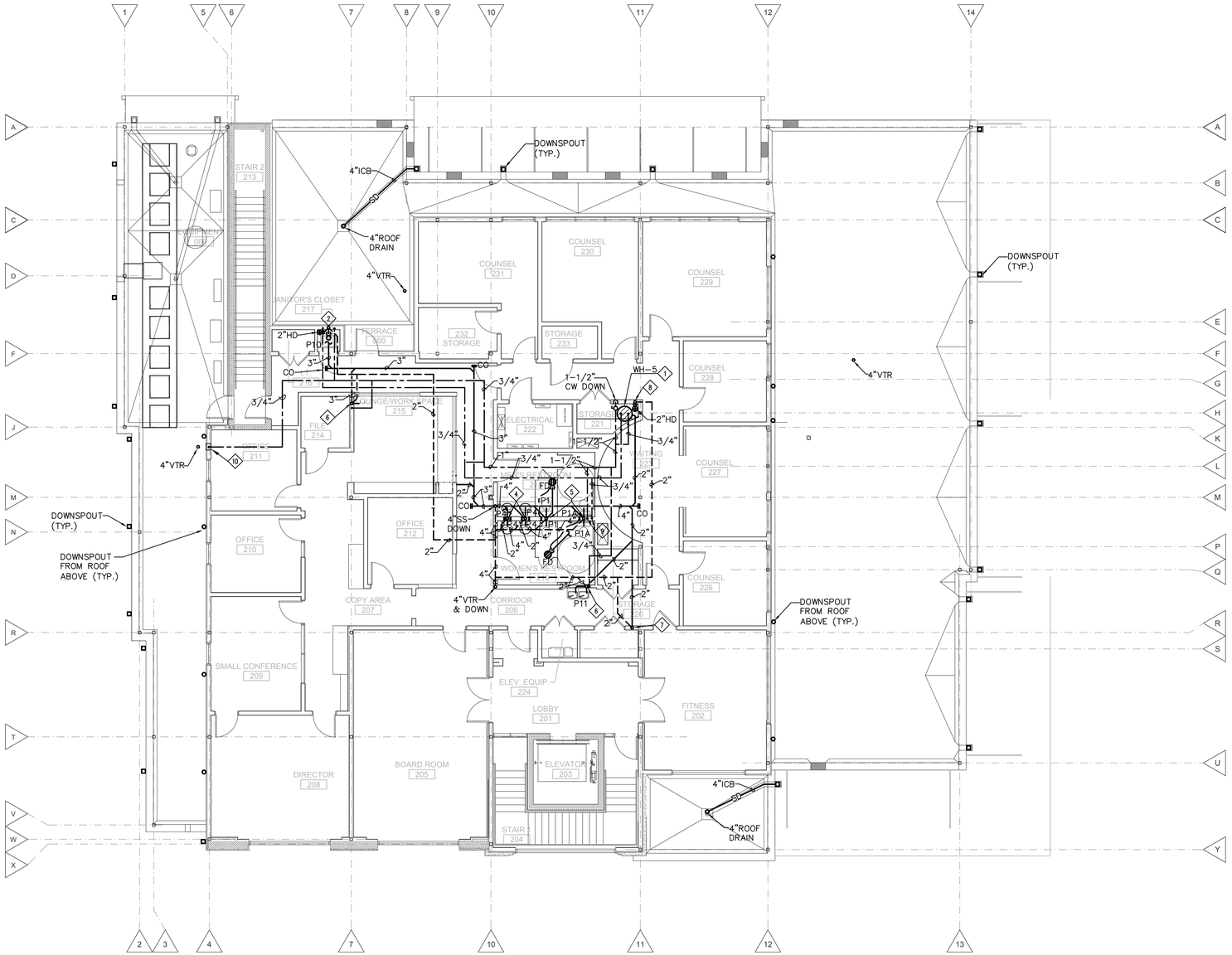
qnguyen



PLUMBING SPECIFIC NOTES:

1. ELECTRIC WATER HEATER MOUNTED ON 4" HOUSE KEEPING PAD IN SAFETY PAN WITH 3/4" CW & HW CONNECTIONS. DROP WATER LINES IN WALL FROM CEILING AND TURN HORIZONTAL TO WATER HEATER. ROUTE DRAINS TO NEAREST HUB DRAIN. REFER TO DETAIL.
2. PROVIDE 3"W & 2"V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE MOP SINK. EXTEND AND CONNECT A 2" WASTE ARM IN CEILING BELOW (ICB) TO SERVE THE 2" HD. SET RIM OF HD 2" AFF.
3. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL. PROVIDE ROUGH INS FOR FUTURE FIXTURE AND CAP.
4. PROVIDE A 2" W&V STACK AND TWO 1/2" CW & HW DROPS IN THE WALL TO SERVE THE BACK TO BACK LAVS. EXTEND AND CONNECT THE 2" WASTE LINE TO THE MAIN ICB.
5. PROVIDE 4" W&V STACK AND TWO 1" CW DROPS IN THE WALL TO SERVE THE BACK TO BACK WATER CLOSET. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW CONNECTION ICB TO SERVE THE 2" FLOOR DRAIN WITH TRAP PRIMER. EXTEND AND CONNECT THE 4" WASTE LINE TO THE MAIN ICB.
6. PROVIDE A 2" W&V STACK AND A 1/2" CW DROP IN THE WALL TO SERVE THE WATER COOLER.
7. PROVIDE A 2" W&V STACK TO SERVE AHU CONDENSATE DRAIN.
8. PROVIDE A 2" W&V STACK TO SERVE THE 2" HD. SET RIM OF HD 1" AFF.
9. EXTEND FULL SIZE CW & HW PIPING THROUGH CHASE WALL TO SERVE BATHROOM FIXTURE GROUP. PIPING NOT SHOWN IN WALL.
10. PROVIDE A NONFREEZE WALL BOX HYDRANT WITH 1/2" CW DROP.

1 PLUMBING PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

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New Orleans, LA 701
T (area code) numb

Contractor
CONTRACTOR NAM
Address
Address
T (area code) numb

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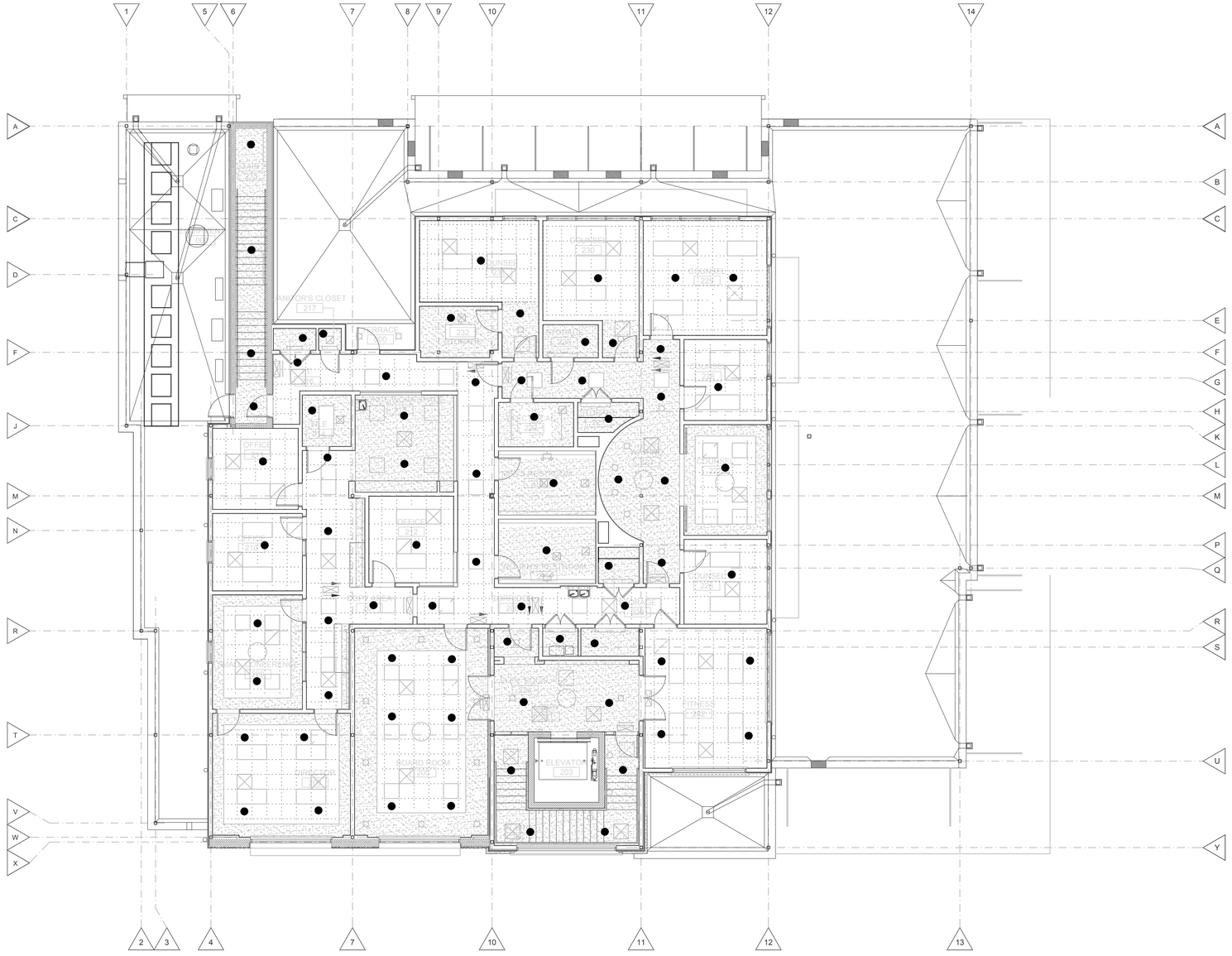
Title
Plumbing Plan
Second Floor

Sheet
P121

qnguyen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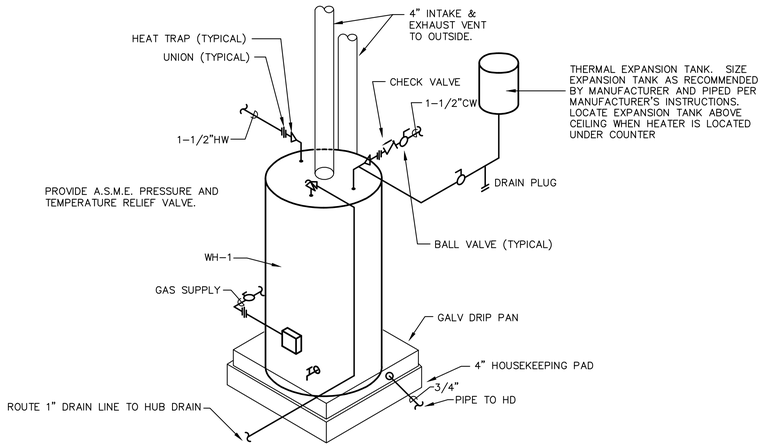
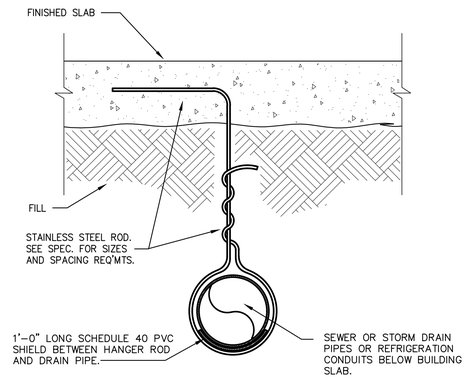
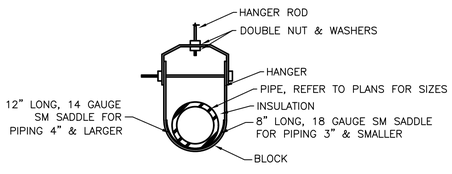


1 GAS FIRED WATER HEATER DETAIL
SCALE: NONE

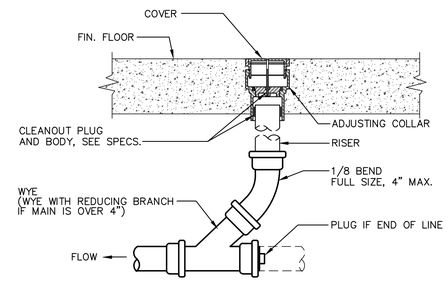


2 UNDERGROUND PIPE HANGER DETAIL
SCALE: NONE

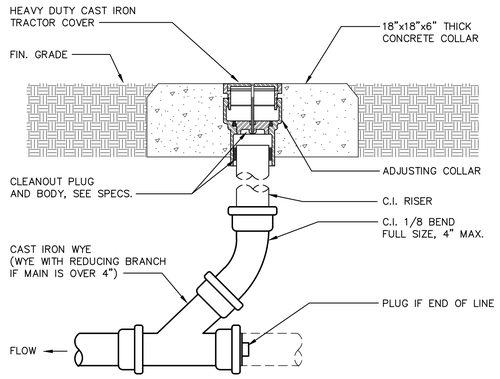


NOTE: TRAPEZE HANGERS ACCEPTABLE FOR MULTIPLE PIPE SUPPORTS.

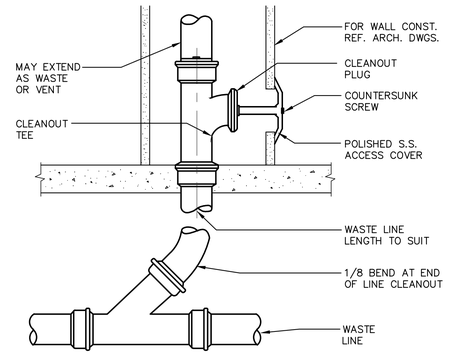
3 PIPE HANGER DETAIL
SCALE: NONE



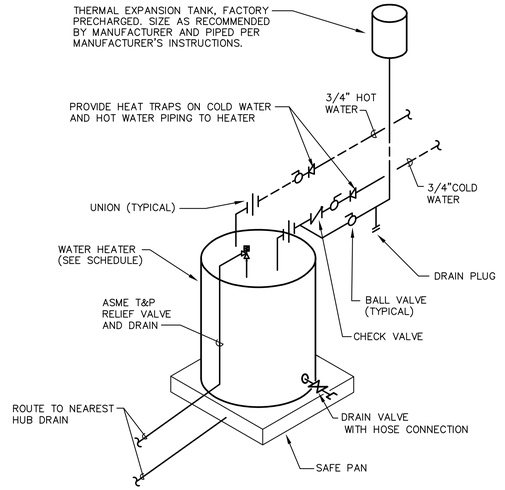
4 FLOOR CLEANOUT DETAIL
SCALE: NONE



5 EXTERIOR CLEANOUT
SCALE: NONE



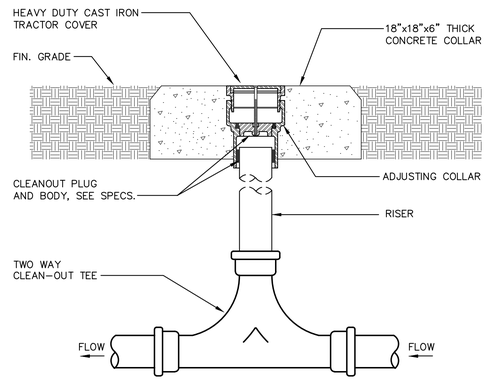
6 WALL CLEANOUT DETAIL
SCALE: NONE



PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE. PIPE RELIEF DRAIN TO HUB DRAIN. PROVIDE 16 GAGE G.I. SAFE PAN WITH 3" METAL LIP, 3" LARGER OVERALL. PIPE 3/4" DRAIN TO HUB DRAIN SEE PLANS

7 ELECTRIC WATER HEATER DETAIL
SCALE: NONE

SEE WATER HEATER SCHEDULE FOR WATER HEATER SIZE AND ELECTRICAL REQUIREMENTS.



8 TWO WAY EXTERIOR CLEANOUT
SCALE: NONE

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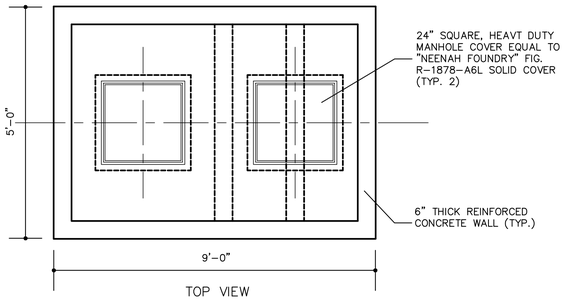
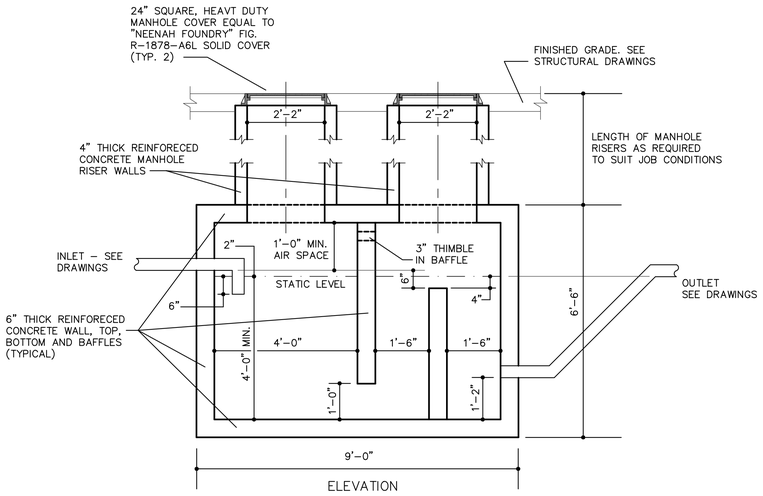
Plumbing Details

Sheet
P201

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P201_PLUMB DETAILS
qnguyen





1 GREASE TRAP DETAIL
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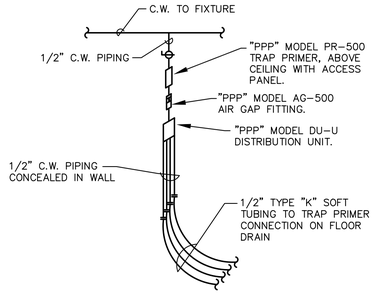
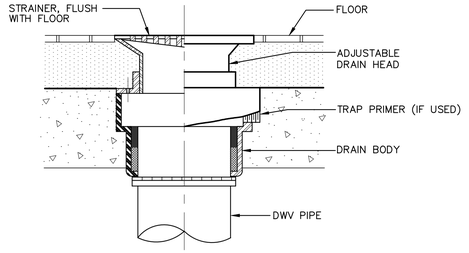


3 FLOOR DRAIN TRAP PRIMER DETAIL
SCALE: NONE



6 FLOOR DRAIN DETAIL
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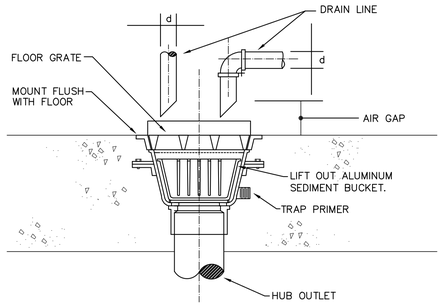
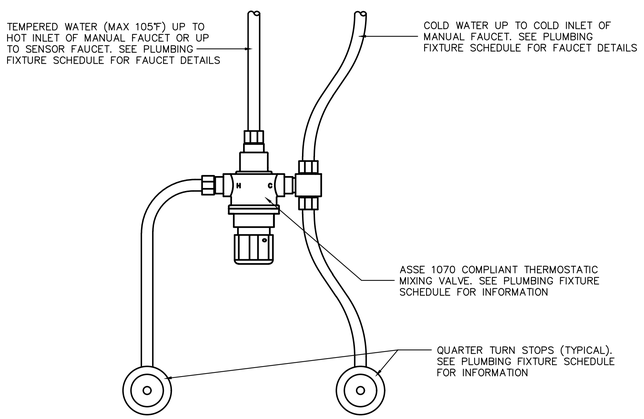


4 FLOOR SINK DETAIL (INDIRECT WASTE)
SCALE: NONE



2 POINT-OF-USE THERMOSTATIC MIXING VALVE DETAIL
SCALE: NONE

NOTE: CONTRACTOR SHALL INSTALL MIXING VALVE BELOW LAVATORIES/SINKS SO AS TO CONCEAL THE INSTALLATION AS MUCH AS PRACTICAL. CONTRACTOR SHALL PROVIDE A "MOCK-UP" OF A POINT OF USE MIXING VALVE INSTALLATION FOR APPROVAL PRIOR TO INSTALLING ALL MIXING VALVES

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Sheet
P202

SHEET SIZE 24" x 36"
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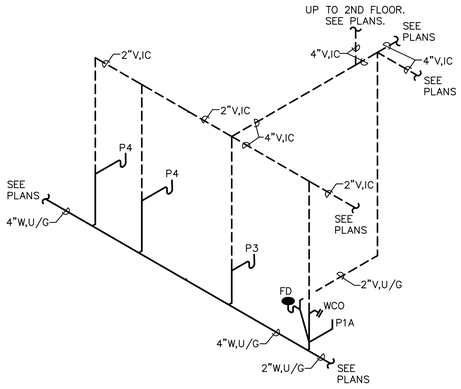
qnguyen



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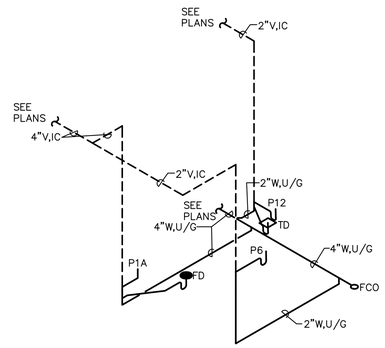

2 **124 BATHROOM**
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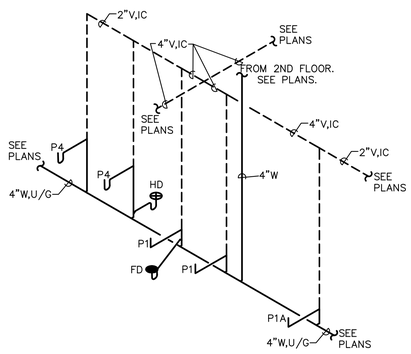

3 **121 WOMEN'S RESTROOM**
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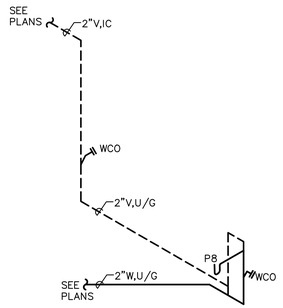
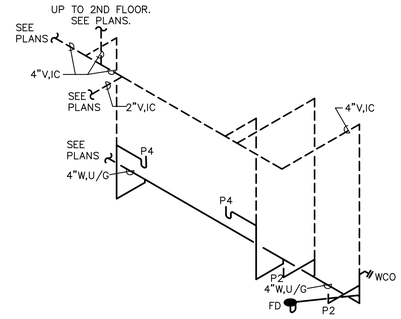
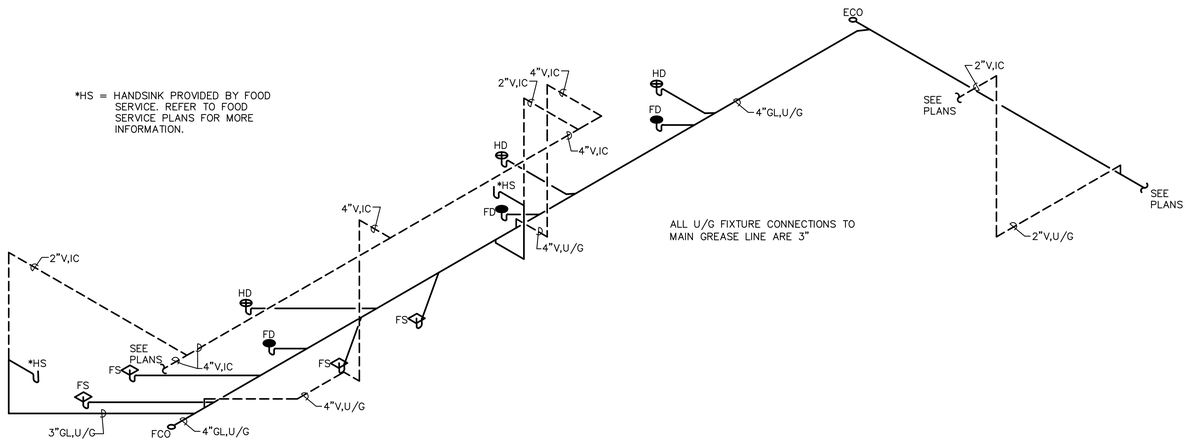


4 **TYPICAL ISLAND SINK**
SCALE: NONE

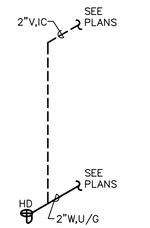


5 **133 RESTROOM 1**
SCALE: NONE

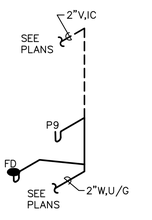
*HS = HANDSINK PROVIDED BY FOOD SERVICE. REFER TO FOOD SERVICE PLANS FOR MORE INFORMATION.



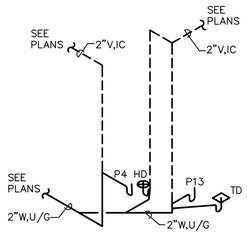
9 **110 KITCHEN**
SCALE: NONE



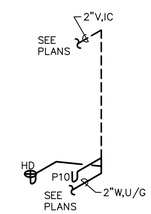
6 **TYPICAL HD**
SCALE: NONE



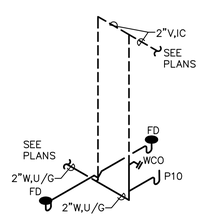
7 **122 UTILITY**
SCALE: NONE



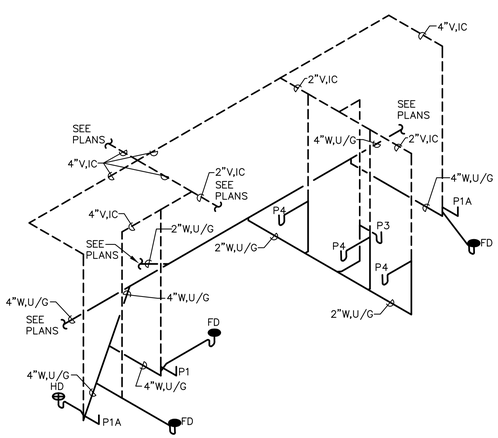
8 **133 RESTROOM 1**
SCALE: NONE



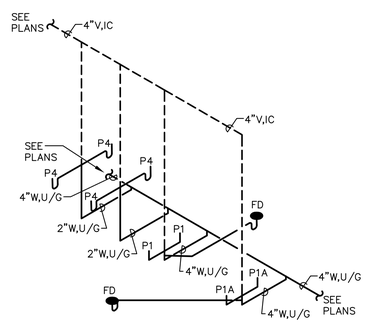
10 **217 JANITOR CLOSET**
SCALE: NONE



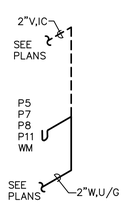
11 **117 JANITOR'S CLOSET**
SCALE: NONE



12 **139 RESTROOM 2**
SCALE: NONE



13 **218/219 RESTROOM**
SCALE: NONE



14 **TYPICAL SINGLE-ARM P-TRAP FIXTURE**
SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
REGISTERED
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

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BID DOCUMENTS

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building
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T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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Revisions

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Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Plumbing Risers

Sheet
P301

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P301_PLUMB RISERS
qnguyen

SYMBOL SCHEDULE – ELECTRICAL DOCUMENTS

SYMBOL CEILING	SYMBOL WALL	DESCRIPTION
		FLUORESCENT LIGHT FIXTURE (LETTER DENOTES FIXTURE TYPE) – SEE FIXTURE SCHEDULE
		FLUORESCENT LIGHT FIXTURE ON EMERGENCY CIRCUIT
		HID, INCANDESCENT, OR FLUORESCENT LIGHT FIXTURE SEE FIXTURE SCHEDULE
		"EXIT" LIGHT FIXTURE (WITH OR WITHOUT DIRECTIONAL ARROWS) EXIT LIGHTS ON EMERGENCY CIRCUITS ARE NOT SHADED
		EMERGENCY BATTERY PACK FIXTURE
	S	SINGLE–POLE TOGGLE SWITCH
	S_L	LED DIMMER SWITCH (0–10V)
	S_T	TIMER SWITCH
	S_{LV}	LOW VOLTAGE CONTROL SWITCH
	S_{OS}	PASSIVE INFRARED OCCUPANCY SENSOR/SWITCH
OS	OSH	PASSIVE INFRARED OCCUPANCY SENSOR
OS_U	OSH_U	ULTRASONIC OCCUPANCY SENSOR
		SPECIAL OUTLET – SEE PLAN FOR TYPE
		SIMPLEX CONVENIENCE OUTLET (20 AMP, 125 VOLT, NEMA 5–20R)
		DUPLEX OUTLET (15 AMP, 125 VOLT, NEMA 5–15R)
(FLOOR)		DUPLEX OUTLET (20AMP, 120 VOLT, NEMA 5–20R)
	$_{WP}$	WEATHER–RESISTANT DUPLEX OUTLET WITH WEATHERPROOF COVER
	$_{GFI}$	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX OUTLET
		QUADRAPLEX OUTLET (2–15 AMP, 125–VOLT, NEMA 5–15R MOUNTED IN ONE BOX)
(FLR)		COMMUNICATION OUTLET (ROUGH–IN ONLY)
		BRANCH CIRCUIT PANELBOARD
		DISTRIBUTION PANELBOARD
		FUSED DISCONNECT SWITCH
		NON–FUSED DISCONNECT SWITCH
		MAGNETIC MOTOR STARTER (SUPPLIED UNDER OTHER DIVISIONS)
		COMBINATION STARTER/DISCONNECT SWITCH
		SMOKE DETECTOR
$_H$	$_H$	SMOKE DETECTOR WITH SOUNDER BASE
H	H	HEAT DETECTOR
		SMOKE DETECTOR WITH SAMPLING TUBE (A/H UNITS)
	FM	FIRE ALARM ADDRESSABLE MONITOR MODULE
	FS	FLOW SWITCH
	TS	TAMPER SWITCH
	F	FIRE ALARM PULL STATION
F	F	FIRE ALARM COMBINATION AUDIO/VISUAL ANNUNCIATION UNIT
		FIRE ALARM SPEAKER
S	S	FIRE ALARM STROBE
	FCM	FIRE ALARM ADDRESSABLE CONTROL MODULE

SYMBOL	DESCRIPTION
J	JUNCTION BOX WITH FIXTURE WHIP
J	JUNCTION BOX
#P	MOTOR – SINGLE–PHASE (NUMERAL DENOTES HORSEPOWER)
#P	MOTOR – THREE PHASE (NUMERAL DENOTES HORSEPOWER)
H H	HANDHOLE
	CIRCUIT BREAKER DEVICE
	SWITCH DEVICE
	FUSE
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
M M	MANHOLE
	GROUND CONNECTION
E	SPECIAL CIRCUIT (E=EMERGENCY, T=TELEPHONE, T.V.=TELEVISION, EX=EXISTING, ETC.)
	WIRING (IN CONDUIT) CONCEALED IN OR UNDER SLAB
	WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL
	WIRING (IN CONDUIT) RUN EXPOSED
	EXISTING
	WIRING (IN CONDUIT) RUN UNDER GROUND
	EXTEND EXISTING CONDUIT WITH NEW CONDUIT
	CIRCUIT TURNED UP
	CIRCUIT TURNED DOWN
A	OUTDOOR AERIAL CONDUCTORS
A	AMP
AC	AIR CONDITION
AFF	ABOVE FINISHED FLOOR
A.L.	ABOVE LANDING
ANN	ANNUNCIATOR PANEL
C	CONDUIT
C/B	CIRCUIT BREAKER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
P	POLE
UON	UNLESS OTHERWISE NOTED
V	VOLT
WH	WATER HEATER
W	WIRE
	TELEPHONE BACKBOARD
	NOTE REFERENCE
L:1,2	HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO (HASH MARKS), OPPOSITE SLANT DENOTES GROUND, NUMBER OF CIRCUITS (NUMBER OF ARROWS)
X / Y Z	DETAIL: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS REFERENCED FROM "Z" DENOTES SHEET DETAIL IS DRAWN ON
X / Y	DETAIL OR PLAN REFERENCE: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS REFERENCED FROM
1	PLAN OR DETAIL

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE – NFPA 70–2011.
2. ALL EQUIPMENT INDICATED SHALL BE FOR USE INDOORS (NEMA 1); UNLESS NOTED OTHERWISE.
3. ALL FUSED DISCONNECT SWITCHES SERVING EQUIPMENT SUPPLIED UNDER OTHER DIVISIONS OF THE WORK SHALL BE PROVIDED WITH FUSES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER; UNLESS NOTED OTHERWISE.
4. SEPARATE GREEN GROUND CONDUCTORS ARE REQUIRED FOR ALL RECEPTACLE AND FEEDER CIRCUITS; SEE SPECIFICATIONS.
5. CONTRACTOR SHALL UTILIZE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES AND MECHANICAL EQUIPMENT.
6. FIRESTOP MATERIALS (U.L.LISTED) AND ARE REQUIRED AT ALL PENETRATIONS THROUGH RATED FLOORS, WALLS, CEILING AND PARTITIONS.
7. CONDUCTORS SHALL BE COLOR CODED PER N.E.C.. IDENTIFY ALL CONDUCTORS AND BOXES.
8. WRITTEN SPECIFICATIONS DESCRIBING MATERIALS AND METHODS ARE PART OF THIS DIVISION AND SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION OF THE PROJECT.

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.
Engineer Richard Nichols
License Number 25896
Periodic site visits will (will not) be made by our firm

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STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
R. E. Nichols
RICH. ENGINEERING

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Drawn By	K.H.
Checked By	R.N.

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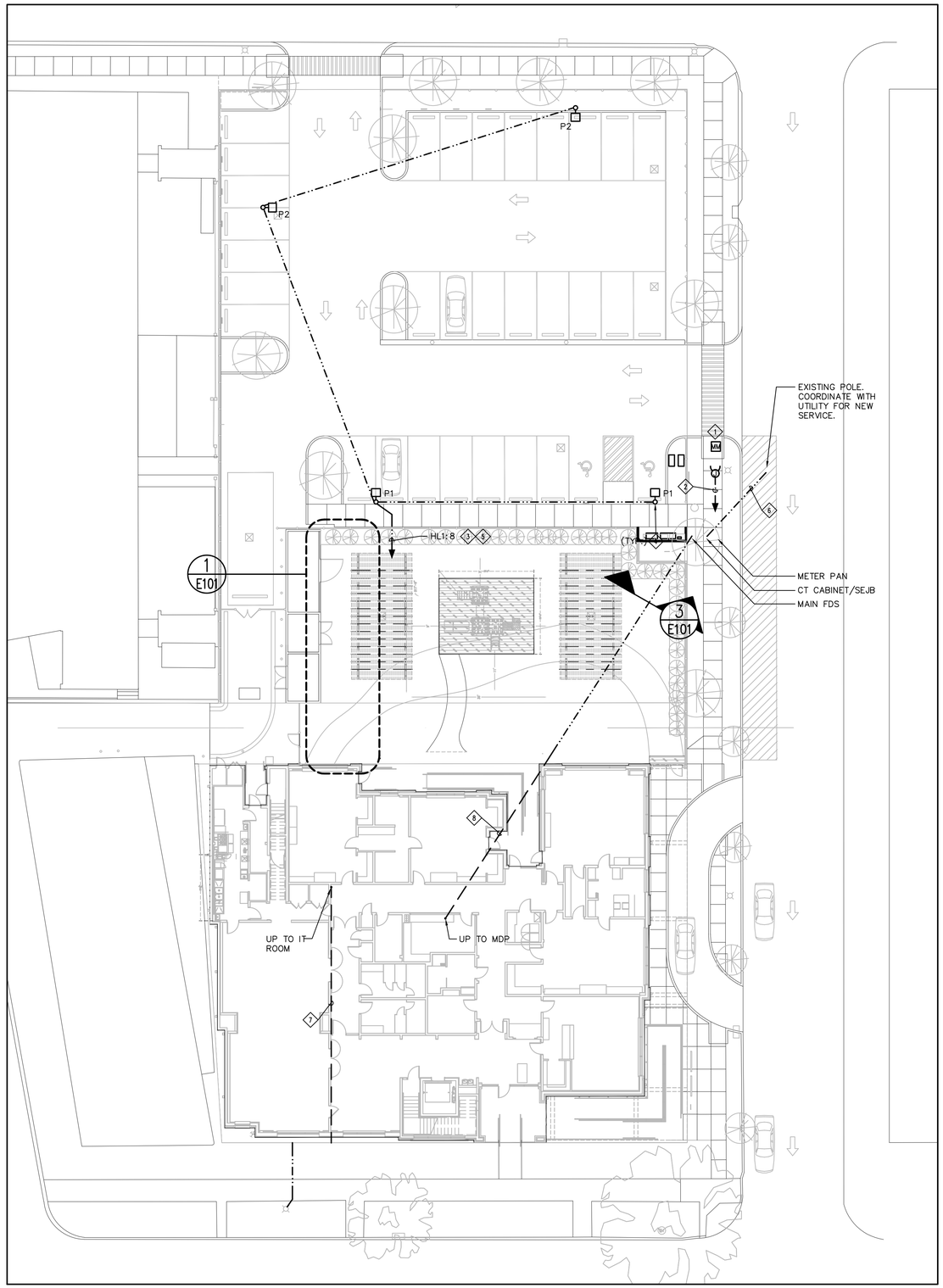
(RE-ISSUE 7/12/2023)

Title
Electrical Legend and Notes

Sheet
E001

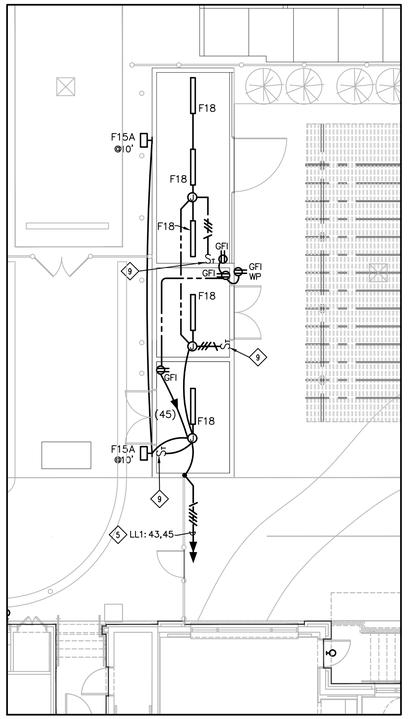
SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E001_ELEC LEGEND & NOTES
qnguyen



1 ELECTRICAL SITE PLAN - OVERALL

SCALE: 1/16"=1'-0"

TRUE NORTH PLAN NORTH



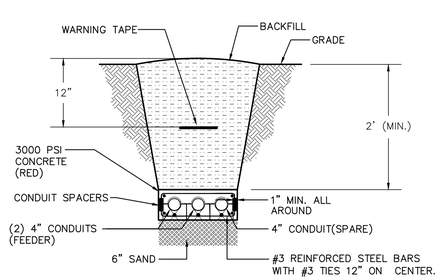
2 ENLARGED ELECTRICAL SITE PLAN

SCALE: 1/8"=1'-0" PLAYGROUND STORAGE

TRUE NORTH PLAN NORTH

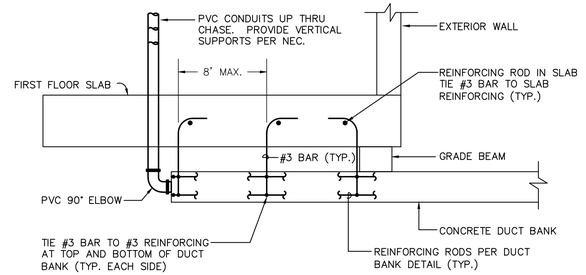
SPECIFIC NOTES:

1. PROVIDE FIRE ALARM MONITOR MODULES TO MONITOR THE TWO TAMPER SWITCHES AT THE BACKFLOW PREVENTER.
2. ROUTE FIRE ALARM CABLE IN A 1" PVC SCHEDULE 40 CONDUIT UNDERGROUND FROM BACKFLOW PREVENTOR LOCATION BACK TO FACP IN BUILDING. CONDUIT SHALL BE ROUTED AT LEAST 24" BELOW GRADE AND WHERE IT RISES UP TO ABOVE GROUND TRANSITION TO RIGID GALVANIZED CONDUIT.
3. ROUTE CIRCUITRY BACK THRU LIGHTING CONTROL PANEL LCP-1. SEE LIGHTING CONTROL PANEL DETAIL SHEET E301.
4. SEE DETAIL 5 ON SHEET E301 FOR LIGHT POLE FOUNDATION.
5. USE # 10 CONDUCTORS THE ENTIRE CIRCUIT RUN.
6. ROUTE 3-4" PVC SCHEDULE 80 CONDUITS UNDERGROUND AT LEAST 24" TO ENTERGY POLE. ROUTE UP POLE PER ENTERGY STANDARDS. COORDINATE WITH ENTERGY TO OBTAIN NEW ELECTRICAL SERVICE.
7. ROUTE 2-4" PVC CONDUITS FROM FIRST FLOOR IT ROOM UNDERGROUND TO UTILITY POLE INDICATED. STUB UP CONDUITS UP AT POLE TO ACCEPT NEW COMMUNICATIONS AND CATV SERVICES. COORDINATE WITH OWNER'S SERVICE PROVIDERS FOR EXACT REQUIREMENTS. CONDUITS SHALL BE ROUTED AT LEAST 24" BELOW GRADE.
8. ROUTE FEEDER IN CONCRETE ENCASEMENT. SEE DETAIL 3. CONTINUE ENCASEMENT OF FEEDER UNDERNEATH BUILDING. SEE DETAIL 4. SEE ELECTRICAL RISER DIAGRAM ON SHEET E501 FOR FEEDER SIZE. USE 4" CONDUIT AS NOTED ON THIS SHEET INSTEAD OF 3" CONDUITS AS NOTED ON RISER DIAGRAM.
9. PROVIDE A DIGITAL TIME SWITCH WATTSTOPPER CAT# TS-400 OR EQUAL.



3 SECTION THROUGH DUCT BANK MAIN ELECTRICAL SERVICE

SCALE: NONE



4 DUCT BANK SUPPORT UNDER BUILDING

SCALE: NONE

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STATE OF LOUISIANA
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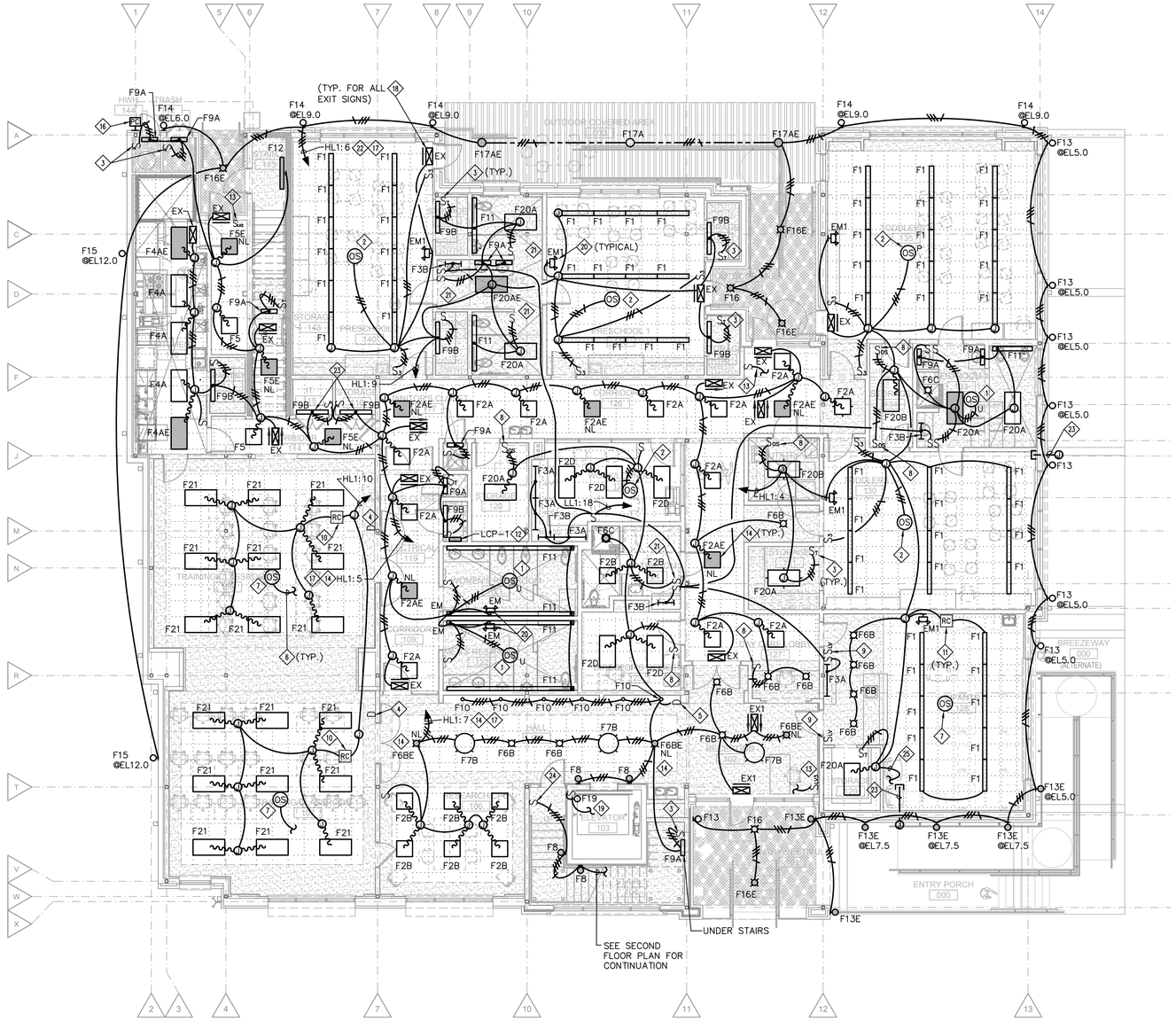
Title
Electrical Site Plan Overall And Enlarged Entry

Sheet
E101

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E101_ELEC SITE
qnguyen



1 LIGHTING PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES

1 REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHT OF ALL EXTERIOR FIXTURES AND INTERIOR WALL SCONCES.

SPECIFIC NOTES

1. PROVIDE CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER CAT# UT-300-2 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
2. PROVIDE CEILING MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT# CI-300 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
3. PROVIDE A DIGITAL TIME SWITCH WATTSTOPPER CAT# TS-400 OR EQUAL.
4. PROVIDE DIMMING WALL SWITCH WATTSTOPPER CAT# LMDM-101 OR EQUIVALENT. SEE WIRING DIAGRAM 3 ON SHEET E302.
5. PROVIDE A 0-10 VOLT DIMMERS WATTSTOPPER MODEL RH4FBL3P OR EQUAL TO CONTROL LED DOWNLIGHTS. ROUTE 0-10 VOLT WIRING TO EACH FIXTURE.
6. CONNECT TO ROOM CONTROLLER WITH LOW VOLTAGE WIRING. SEE WIRING DIAGRAM 3 ON SHEET E302.
7. PROVIDE DIGITAL PASSIVE INFRARED CEILING MOUNTED OCCUPANCY SENSOR WATTSTOPPER MODEL LMPC-100. SEE WIRING DIAGRAM 2 ON SHEET E302.
8. PROVIDE A WALL MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT # PW-100 OR EQUAL.
9. PROVIDE TWO BUTTON DIGITAL WALL SWITCH WATTSTOPPER LMSW-102 OR EQUAL. ONE BUTTON SHALL CONTROL THE F1 PENDANT FIXTURES AND ONE BUTTON SHALL CONTROL THE DOWNLIGHTS. SEE WIRING DIAGRAM 2 ON SHEET E302.
10. PROVIDE ONE RELAY 0-10 VOLT DIMMING ROOM CONTROLLER WATTSTOPPER MODEL LMRC-211 OR EQUAL. SEE WIRING DIAGRAM 5 ON SHEET E302.
11. PROVIDE TWO RELAY SWITCHING ROOM CONTROLLER WATTSTOPPER MODEL LMRC-102 OR EQUAL. SEE WIRING DIAGRAM 2 ON SHEET E302.
12. PROVIDE LIGHTING CONTROL PANEL LCP-1. SEE DETAIL 2 ON SHEET E303 AND LIGHTING CONTROL SCHEDULE FOR MORE INFORMATION.
13. PROVIDE TWO BUTTON DATA LINE SWITCH FOR CORRIDOR. SEE LIGHTING CONTROL WIRING DIAGRAM 2 ON SHEET E303 FOR MORE INFORMATION. VERIFY EXACT LOCATION WITH OWNER BEFORE ROUGH-IN.
14. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURES. DO NOT SWITCH. THESE FIXTURES WILL OPERATE AS A NIGHT LIGHT.
15. PROVIDE A DUAL TECHNOLOGY MULTI-WAY WALL SWITCH OCCUPANCY SENSOR WATTSTOPPER MODEL DW-103 OR EQUAL.
16. WALL MOUNT PHOTOCONTROLS AT 14'. SEE DETAIL 2 ON SHEET E303 AND LIGHTING CONTROL SCHEDULE FOR MORE INFORMATION.
17. ROUTE CIRCUITRY BACK THRU LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL SCHEDULE ON SHEET E303 FOR MORE INFORMATION. INCLUDE HOT CONDUCTOR TO BE ROUTED TO ALL EMERGENCY FIXTURES.
18. WIRE THE HOT CONDUCTOR TO ALL EXIT SIGNS. DO NOT SWITCH THESE FIXTURES.
19. WIRE PIT LIGHT TO 120 VOLT PIT RECEPTACLE CIRCUIT.
20. WALL MOUNT EMERGENCY FIXTURE AT 8' ABOVE FLOOR. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURE. DO NOT SWITCH.
21. PROVIDE ULTRASONIC WALL SWITCH WATTSTOPPER UW-100 OR EQUAL.
22. USE # 10 CONDUCTORS ENTIRE CIRCUIT RUN.
23. ROUTE A 1" CONDUIT FROM ABOVE CEILING TO EXTERIOR OF BUILDING. PROVIDE A CAP ON END OF CONDUIT. CONDUIT TO BE USED TO PROVIDE CIRCUITRY TO FUTURE CANOPY FIXTURES.

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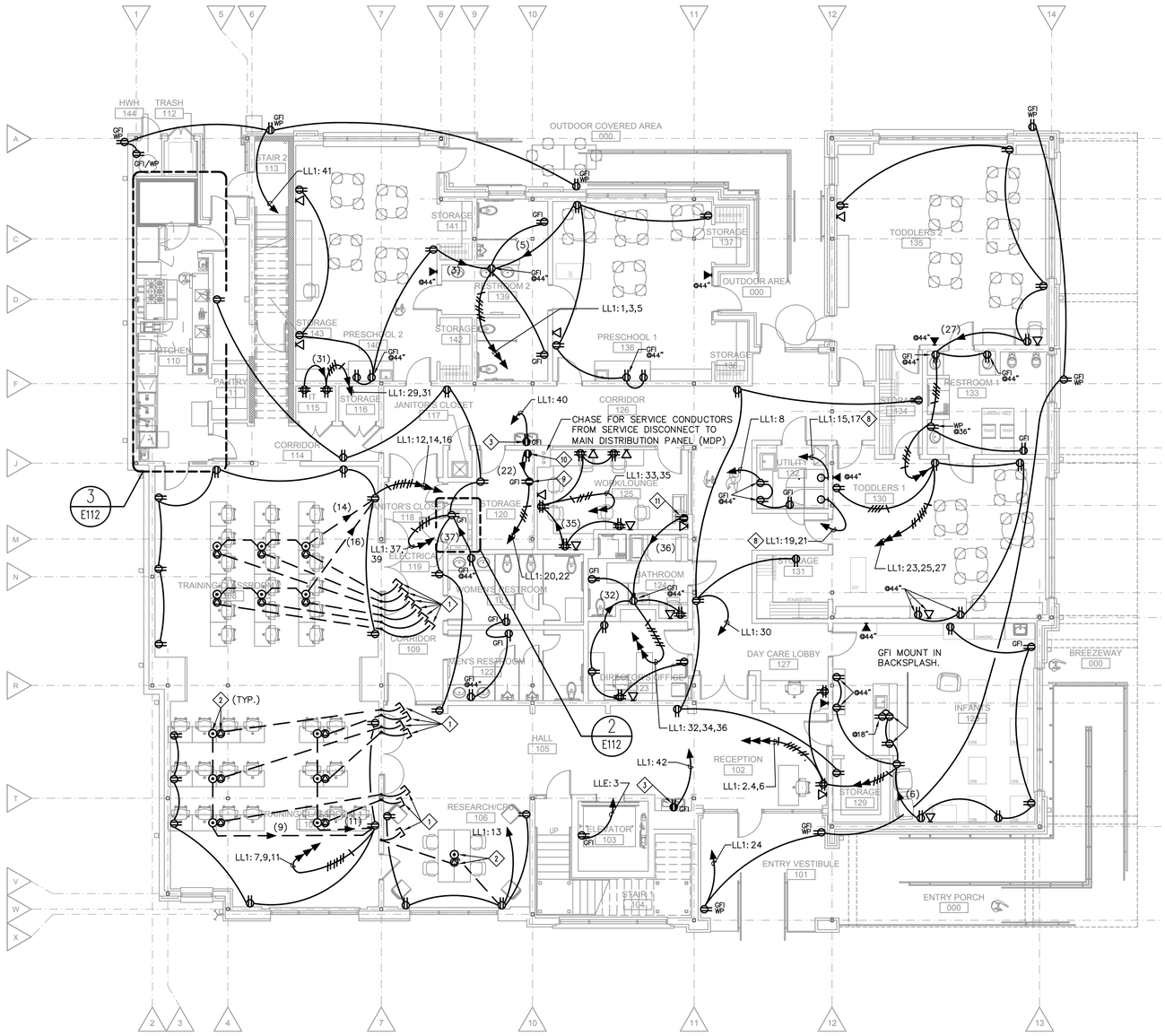
Title
Lighting Plan
First Floor

Sheet
E111

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E111_LITE 1ST
qnguyen



1 POWER AND COMMUNICATION PLAN - FIRST FLOOR
SCALE: 1/8"=1'-0"

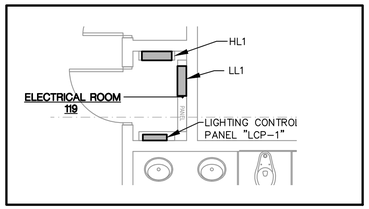
TRUE NORTH PLAN NORTH

SPECIFIC NOTES:

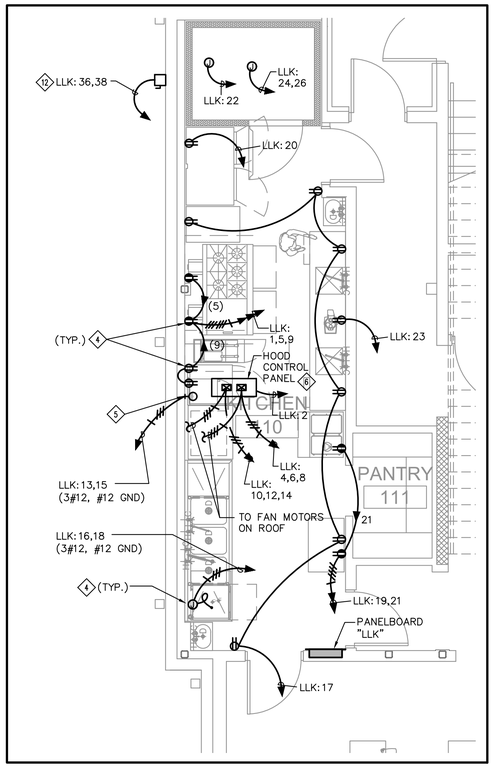
1. ROUTE CONDUIT UP FROM SLAB TO WITHIN WALL CAVITY. UP WITHIN WALL TO ABOVE ACCESSIBLE CEILING. PROVIDE PULL CORD.
2. PROVIDE POWER/DATA FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (4) RS-485 DATA JACKS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
3. DEDICATED RECEPTACLE FOR WATER COOLER. COORDINATE INSTALL WITH PLUMBING INSTALLER.
4. COORDINATE MOUNTING HEIGHT OF ALL KITCHEN EQUIPMENT POWER CONNECTIONS WITH VENDOR EQUIPMENT SCHEDULE.
5. PROVIDE 120/240-VOLT, 20A, NEAM 14-20R RECEPTACLE FOR MICROWAVE. VERIFY REQUIREMENT WITH MANUFACTURER'S INSTRUCTIONS IN FIELD PRIOR TO PURCHASE.
6. COORDINATE CONNECTIONS TO HOOD CONTROL PANEL WITH EQUIPMENT MANUFACTURER.
7. DEDICATED RECEPTACLE FOR SUMP PUMP. SEE PLUMBING PLANS AND COORDINATE ROUGH-IN WITH MECHANICAL.
8. PROVIDE NEMA 14-30R RECEPTACLE FOR COMBO WASHER/DRYER AND ROUTE 2 #10, 1 #10 NEUTRAL, 1 #10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE C/B IN DESIGNATED PANEL.
9. PROVIDE DEDICATED RECEPTACLE FOR SHREDDER. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
10. PROVIDE DEDICATED RECEPTACLE FOR MILK COOLER. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
11. PROVIDE DEDICATED RECEPTACLE FOR COPY MACHINE. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
12. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT REMOTE CONDENSING UNIT FOR WALK-IN FREEZER AND ROUTE 2#12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.

GENERAL NOTES:

1. RECEPTACLES INSTALLED OUTSIDE OR IN AREAS ACCESSIBLE TO CHILDREN SHALL BE TAMPER-RESISTANT.
2. RECEPTACLES INSTALLED OUTSIDE, IN RESTROOMS, IN TOILET ROOMS, AND IN KITCHENS SHALL BE GFI TYPE.
3. PROVIDE PUTTY PADS FOR ALL DEVICES RECESSED IN RATED WALLS. PAD RATING SHALL MATCH THAT OF THE WALL INSTALLED IN.
4. ELECTRICAL EQUIPMENT PROVIDED MUST MEET THE DIMENSIONAL REQUIREMENTS ILLUSTRATED ON PLANS. NEC AND MANUFACTURE'S REQUIRED CLEARANCES MUST BE KEPT.
5. SEE D4/E301 FOR TYPICAL COMMUNICATION OUTLET ROUGH-IN.



2 POWER PLAN - ELEC. ROOM
SCALE: 1/4"=1'-0"



3 POWER PLAN - KITCHEN
SCALE: 1/4"=1'-0"

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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RICHARD E. NICHOLS
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T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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Checked By	R.N.

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Power Plan
First Floor

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E112

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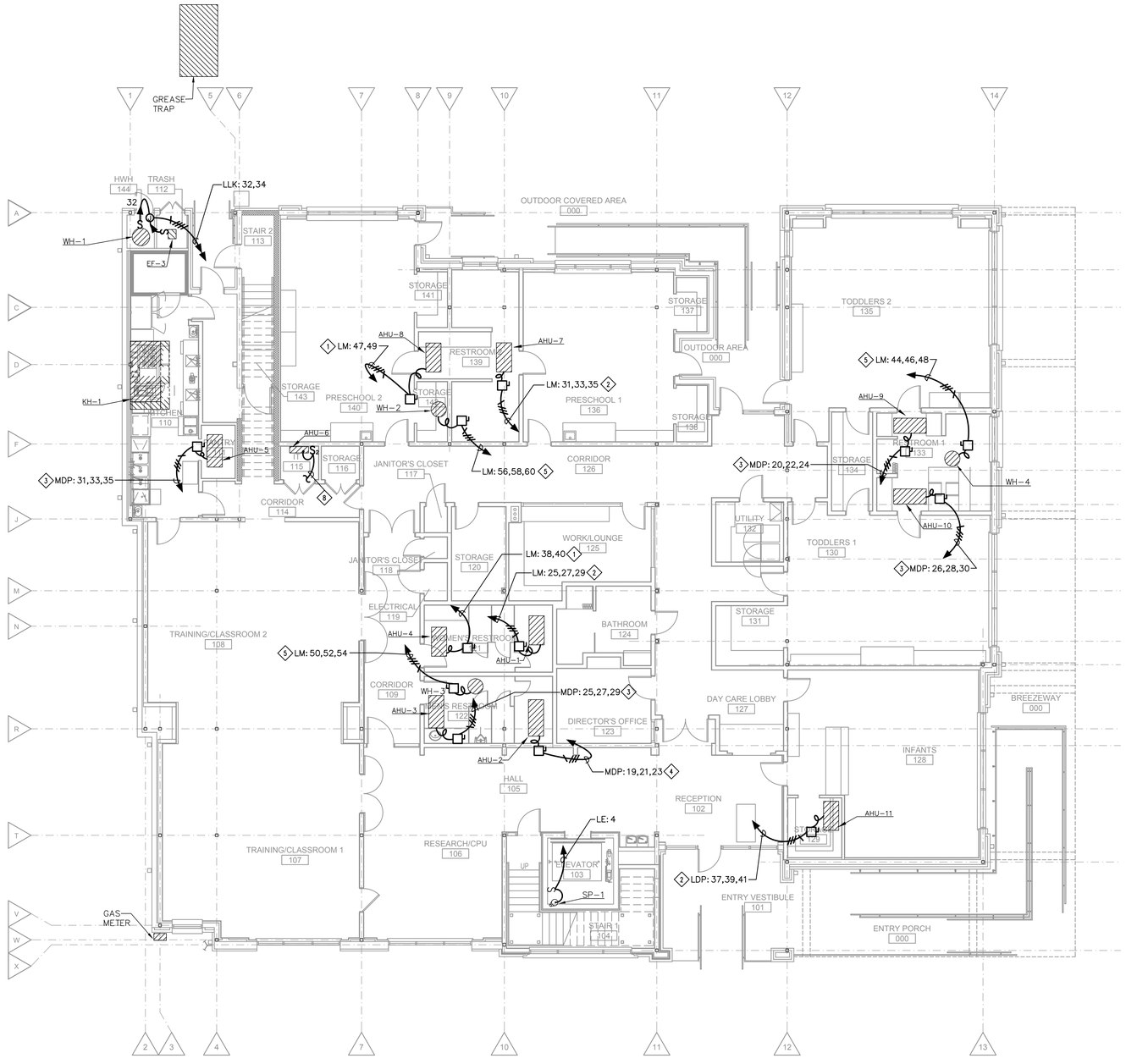

SPECIFIC NOTES:

1. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT AHU AND ROUTE 2 #6, 1#10 GND IN 1" CONDUIT BACK TO 60 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
2. PROVIDE A 60 AMP, 3 POLE, 240 VOLT FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#8, 1#10 IN 1" CONDUIT BACK TO 40 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
3. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#12, 1#12 IN 3/4" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
4. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#10, 1#10 IN 3/4" CONDUIT BACK TO 30 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
5. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT WATER HEATER AND ROUTE 3#12, 1#12 IN 1" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
6. PROVIDE A FIRE ALARM RELAY MODULE TO CONTROL 120 VOLT POWER TO THE FIRE SMOKE DAMPERS. UPON DETECTION OF SMOKE IN THE CORRIDOR OR BY EITHER DUCT DETECTOR THE POWER THE SMOKE DAMPERS SHALL BE DROPPED. THE SMOKE DAMPERS ARE POWERED IN THE OPEN POSITION AND WILL CLOSE UPON LOSS OF POWER.
7. ROUTE 120 VOLT CIRCUIT FOR EXHAUST FAN THRU LINE VOLTAGE THERMOSTAT (PROVIDED BY MECH).
8. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT ASSOCIATED WITH THIS INDOOR UNIT TO 20 AMP, 2 POLE, 240 VOLT TOGGLE SWITCH AT INDOOR UNIT. FROM SWITCH MAKE CONNECTION TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.

1 MECHANICAL POWER PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Mech. Power Plan
First Floor

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E113

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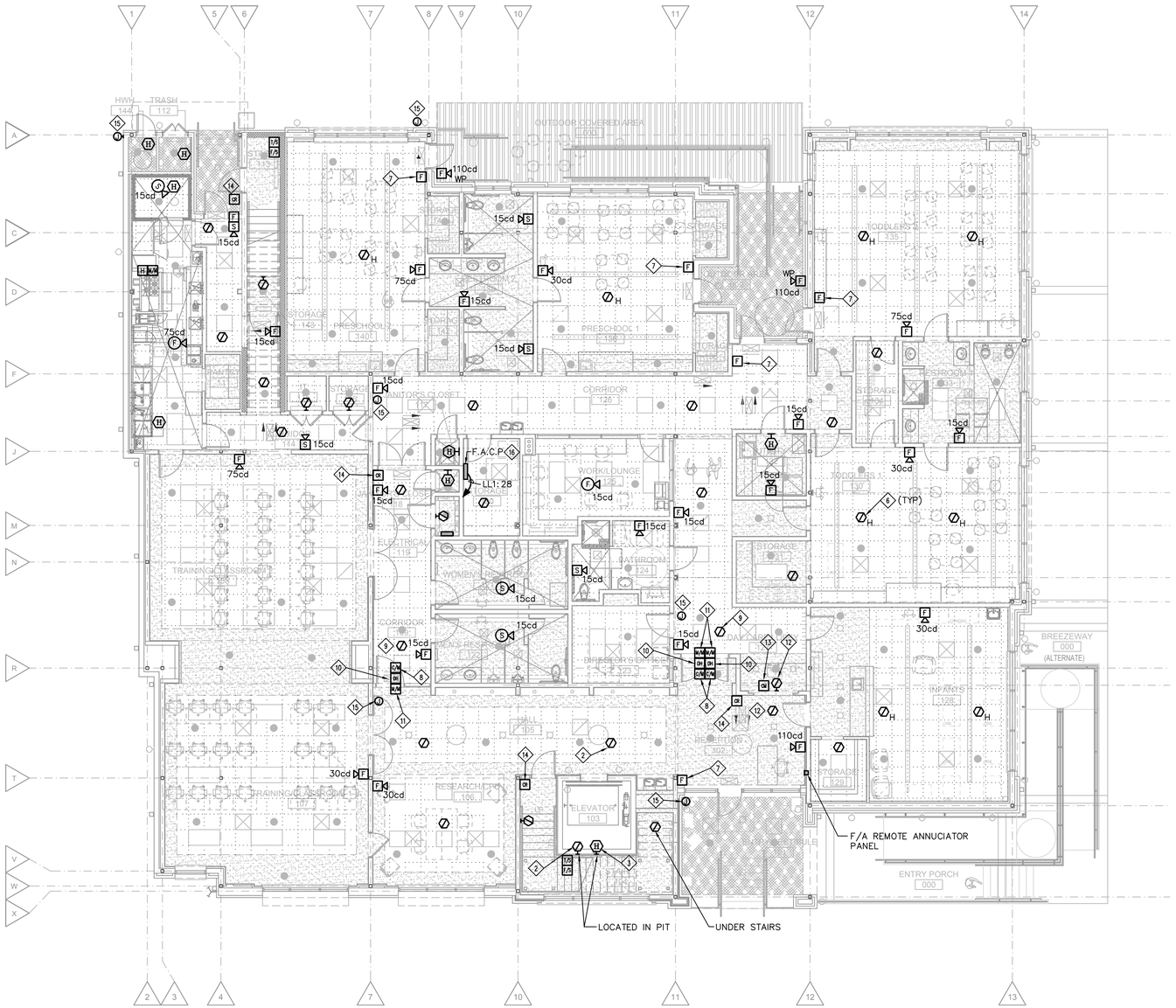

GENERAL NOTES:

1. FIRE ALARM SYSTEM AND ASSOCIATED DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
2. FIRE ALARM SYSTEM CABLES SHALL BE LISTED FOR FIRE ALARM USE, SHALL HAVE A RED JACKET, AND SHALL BE INSTALLED IN RACEWAY.
3. PROVIDE DUCT-MOUNTED SMOKE SENSOR UPSTREAM OF EACH SMOKE DAMPER AND PROVIDE ADDRESSABLE CONTROL MODULE TO CLOSE DAMPER UPON SENSING SMOKE UPSTREAM. SENSOR AND CONTROL MODULE SHALL REMAIN ACCESSIBLE AFTER INSTALLATION. SEE MECHANICAL PLANS FOR QUANTITY AND LOCATIONS OF SMOKE DAMPERS.

SPECIFIC NOTES:

1. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR PRIMARY RECALL FUNCTIONS.
2. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR ALTERNATE RECALL SEQUENCE.
3. ADDRESSABLE HEAT SENSOR SHALL INITIATE ELEVATOR SHUTDOWN SEQUENCE. LOCATE HEAT SENSOR(S) WITHIN 2-FEET OF EACH SPRINKLER HEAD IN THE SHAFT, PIT, OR MACHINE ROOM. COORDINATE QUANTITY OF REQUIRED SENSORS WITH SPRINKLER SYSTEM SHOP DRAWINGS.
4. PROVIDE ADDRESSABLE RELAYS FOR INITIATION OF ELEVATOR RECALL AND SHUTDOWN SEQUENCES.
5. PROVIDE ADDRESSABLE MONITOR MODULE AND POWER MONITORING RELAY TO MONITOR AVAILABLE CONTROL POWER FOR THE SHUNT TRIP COIL OF THE BREAKER THAT SERVES THE ELEVATOR EQUIPMENT IN ACCORDANCE WITH NFPA 72:6.16.4.4.
6. PROVIDE ADDRESSABLE SMOKE SENSOR WITH SOUNDER BASE IN DAY CARE ROOMS. SOUNDER BASE SHALL ACTIVATE ON LOCAL ALARM ONLY.
7. PROVIDE CLEAR, TAMPER-RESISTANT COVER WITH BATTERY OPERATED HORN OVER PULL STATION.
8. ADDRESSABLE CONTROL RELAY SHALL RELEASE DOOR HOLDER UPON SENSING SMOKE WITHIN 5' OF DOOR.
9. DETECTOR SHALL INITIATE DOOR RELEASE FOR ADJACENT DOORS HELD OPEN.
10. JAMB-MOUNTED DOOR HOLDER/CLOSER WITH INTEGRAL SMOKE DETECTOR. DOOR SHALL RELEASE UPON DETECTION OF SMOKE FROM INTEGRAL DETECTOR OR ADJACENT SYSTEM DETECTOR.
11. ADDRESSABLE MONITOR MODULE SHALL MONITOR SMOKE DETECTOR INTEGRAL TO DOOR HOLDER/CLOSER.
12. DETECTOR SHALL INITIATE WINDOW RELEASE/CLOSURE.
13. ADDRESSABLE CONTROL RELAY SHALL CLOSE WINDOW UPON SENSING SMOKE WITHIN 5' OF WINDOW.
14. PROVIDE ROUGH-INS FOR FUTURE CARD READER AND DOOR STRIKE/MAG LOCK. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
15. PROVIDE ROUGH-IN FOR FUTURE CCTV CAMERA. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
16. PROVIDE DEDICATED 120-VOLT, 20-AMP CIRCUIT FOR FACP AND DEDICATED TELEPHONE LINE.

1 SPECIAL SYSTEMS PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Checked By	R.N.

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Special Systems Plan
First Floor

Sheet
E114

SHEET SIZE 24" x 36"
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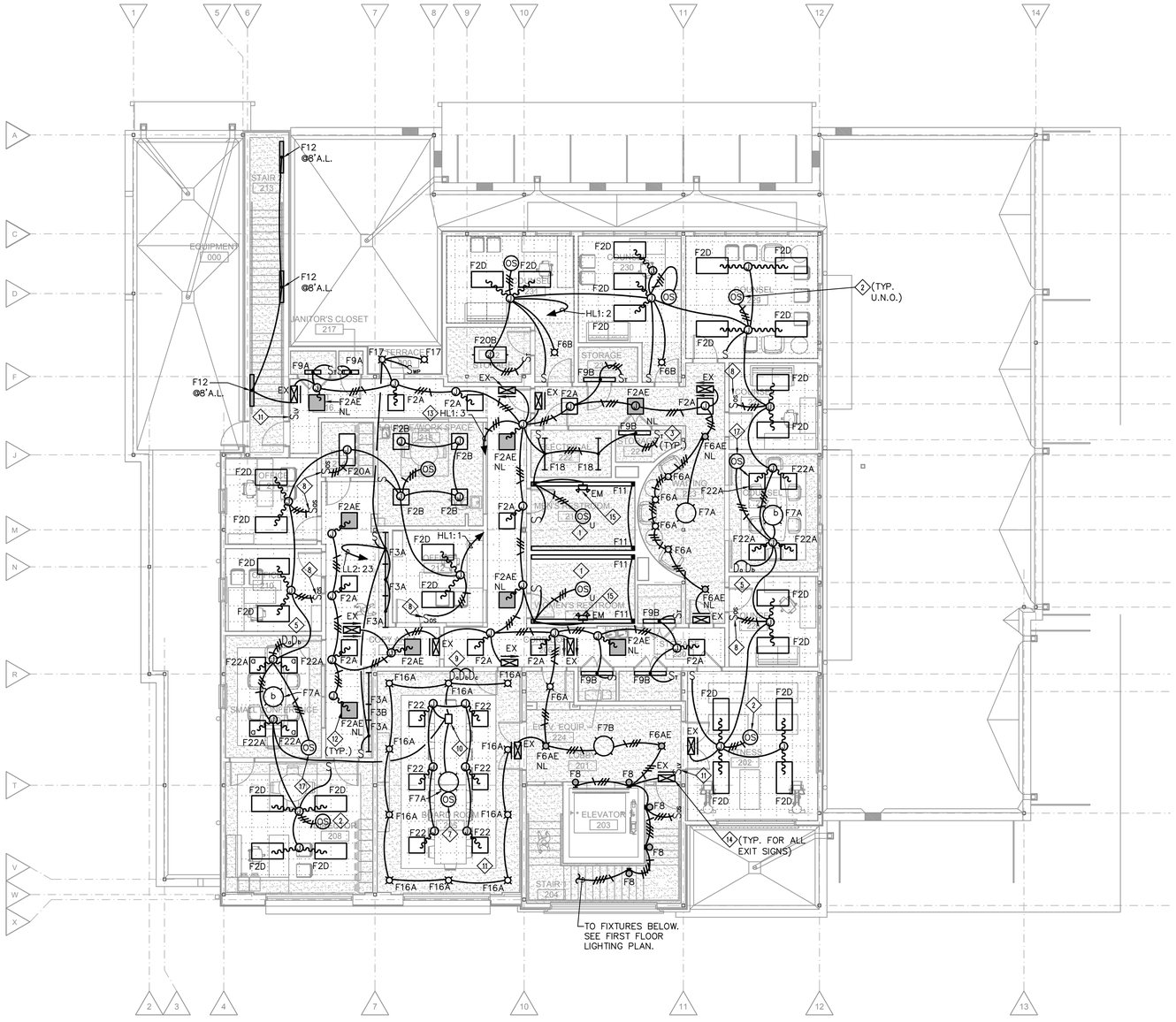

GENERAL NOTES:

1 REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHT OF ALL EXTERIOR FIXTURES AND INTERIOR WALL SCONCES.

SPECIFIC NOTES:

1. PROVIDE CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER CAT# UT-300-2 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
2. PROVIDE CEILING MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT# CI-300 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
3. PROVIDE A DIGITAL TIME SWITCH WATTSTOPPER CAT# TS-400 OREQUAL.
4. PROVIDE DIMMING WALL SWITCH WATTSTOPPER CAT# LMDM-101 OR EQUIVALENT. SEE WIRING DIAGRAM 2 ON SHEET E302.
5. PROVIDE TWO 0-10 VOLT DIMMERS WATTSTOPPER MODEL RH4FBL3P OR EQUAL. SEE WIRING DIAGRAM 3 ON SHEET E303. ROUTE 0-10 VOLT LOW VOLTAGE CONDUCTORS TO EACH FIXTURE. ONE DIMMER WILL CONTROL THE 2'X2' LED FIXTURES AND THE OTHER DIMMER WILL CONTROL THE PENDANT FIXTURE.
6. CONNECT TO ROOM CONTROLLER WITH LOW VOLTAGE WIRING. SEE WIRING DIAGRAM 2 ON SHEET E302.
7. PROVIDE DIGITAL DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR WATTSTOPPER MODEL LMDC-100 OR EQUAL. SEE WIRING DIAGRAM 1 ON SHEET E302.
8. PROVIDE A WALL MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT # PW-100 OR EQUAL.
9. PROVIDE THREE DIMMING WALL SWITCH WATTSTOPPER CAT# LMDM-101 OR EQUIVALENT. ONE DIMMER SHALL CONTROL THE PENDANT FIXTURE, ONE DIMMER SHALL CONTROL THE 2'X2' FIXTURES AND ONE DIMMER SHALL CONTROL THE DOWNLIGHTS. ROUTE 0-10VOLT LOW VOLTAGE WIRING TO EACH FIXTURE. SEE DETAIL 1 ON SHEET E302.
10. PROVIDE THREE RELAY 0-10 VOLT DIMMING ROOM CONTROLLER WATTSTOPPER MODEL LMRC-213 OR EQUAL. SEE DETAIL 1 ON SHEET E302 FOR WIRING.
11. PROVIDE TWO BUTTON DATA LINE SWITCH FOR CORRIDOR. SEE LIGHTING CONTROL WIRING DIAGRAM 2 ON SHEET E303 FOR MORE INFORMATION. VERIFY EXACT LOCATION WITH OWNER BEFORE ROUGH-IN.
12. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURES. DO NOT SWITCH. THESE FIXTURES WILL OPERATE AS A NIGHT LIGHT.
13. ROUTE CIRCUITRY BACK THRU LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL SCHEDULE ON SHEET E303 FOR MORE INFORMATION. INCLUDE HOT CONDUCTOR TO BE ROUTED TO ALL EMERGENCY FIXTURES.
14. WIRE THE HOT CONDUCTOR TO ALL EXIT SIGNS. DO NOT SWITCH THESE FIXTURES.
15. WALL MOUNT EMERGENCY FIXTURE AT 8' ABOVE FLOOR. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURE. DO NOT SWITCH.
16. USE # 10 CONDUCTORS ENTIRE CIRCUIT RUN.
17. PROVIDE DUAL TECHNOLOGY WALL MOUNTED OCCUPANCY SENSOR WATTSTOPPER MODEL DT-200 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT# BZ-150. SEE WIRING DIAGRAM 3 ON SHEET E302.

1 LIGHTING PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

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Lighting Plan
Second Floor

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E121

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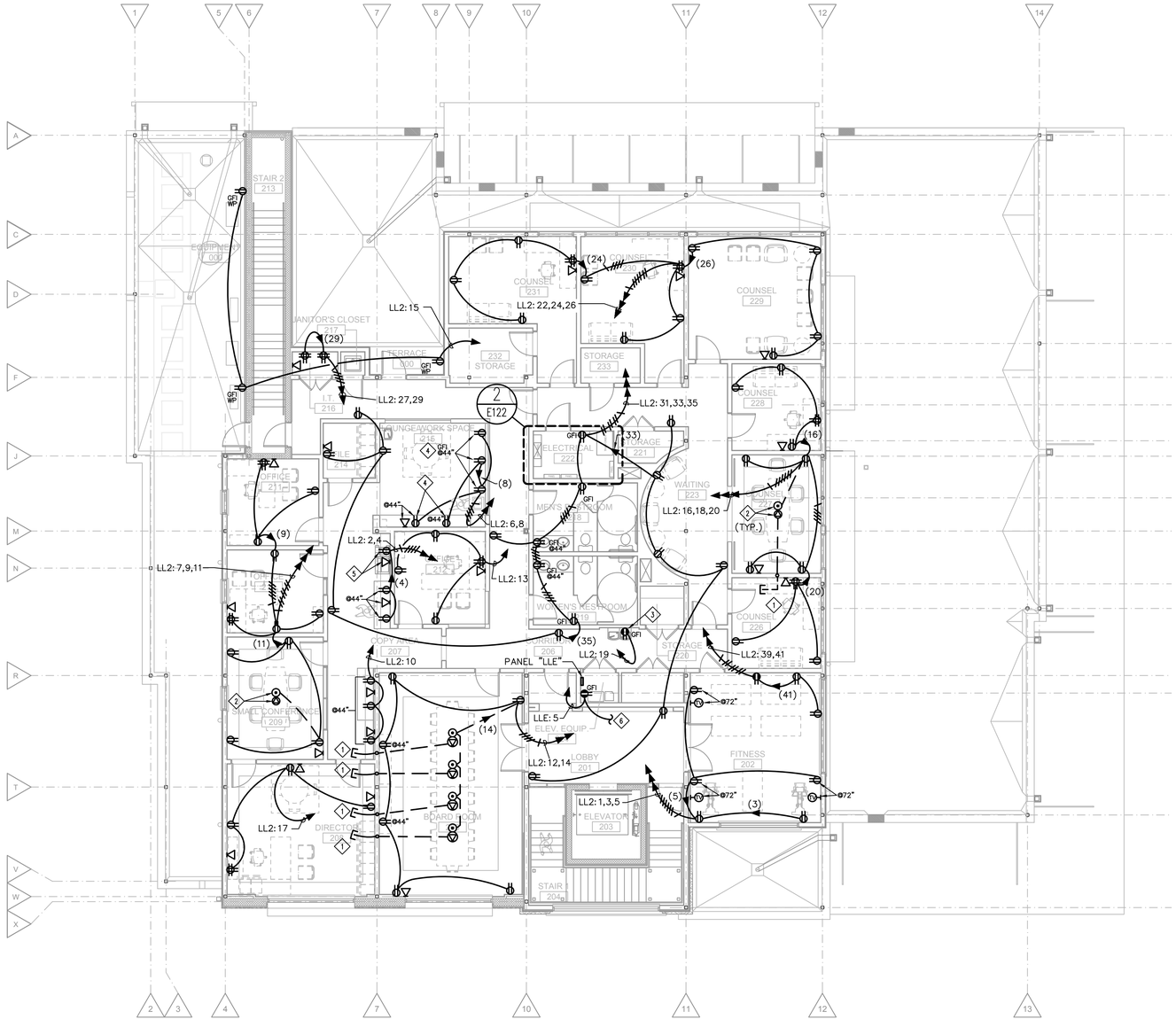
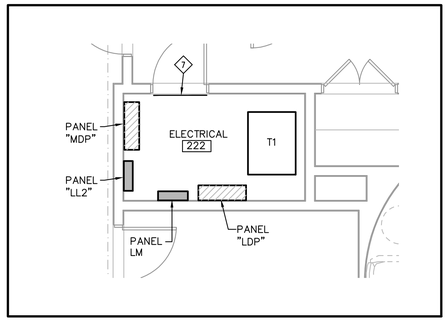


1 **POWER PLAN - SECOND FLOOR**
SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH



2 **POWER PLAN - ELECTRICAL ROOM**
SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES:

1. RECEPTACLES INSTALLED OUTSIDE OR IN AREAS ACCESSIBLE TO CHILDREN SHALL BE TAMPER-RESISTANT.
2. RECEPTACLES INSTALLED OUTSIDE, IN RESTROOMS, IN TOILET ROOMS, AND IN KITCHENS SHALL BE GFI TYPE.
3. PROVIDE PUTTY PADS FOR ALL DEVICES RECESSED IN RATED WALLS. PAD RATING SHALL MATCH THAT OF THE WALL INSTALLED IN.
4. ELECTRICAL EQUIPMENT PROVIDED MUST MEET THE DIMENSIONAL REQUIREMENTS ILLUSTRATED ON PLANS. NEC AND MANUFACTURE'S REQUIRED CLEARANCES MUST BE KEPT.
5. SEE D4/E301 FOR TYPICAL COMMUNICATION OUTLET ROUGH-IN.

SPECIFIC NOTES:

1. ROUTE CONDUIT UP FROM BELOW SLAB TO WITHIN WALL CAVITY. UP WITHIN WALL TO ABOVE ACCESSIBLE CEILING. PROVIDE PULL CORD.
2. PROVIDE POWER/DATA FLOOR BOX, WITH (2) DUPLEX RECEPTACLES AND (4) RS-485 DATA JACKS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
3. DEDICATED RECEPTACLE FOR WATER COOLER COORDINATE INSTALL WITH PLUMBING INSTALLER.
4. COORDINATE INSTALLATION WITH MILLWORK SHOP DRAWING.
5. DEDICATED RECEPTACLE FOR FOR COPY MACHINES.
6. TO LIGHT FIXTURE. SEE LIGHTING PLAN.
7. MOUNT GROUND BUS BAR ABOVE DOOR. SEE D1/E301.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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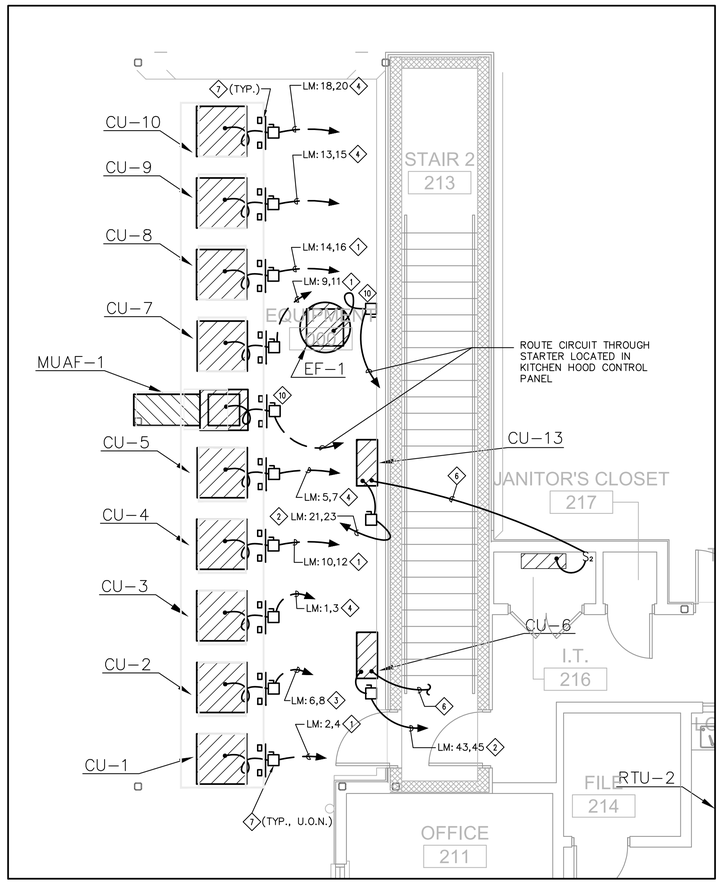
qnguyen



1 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES

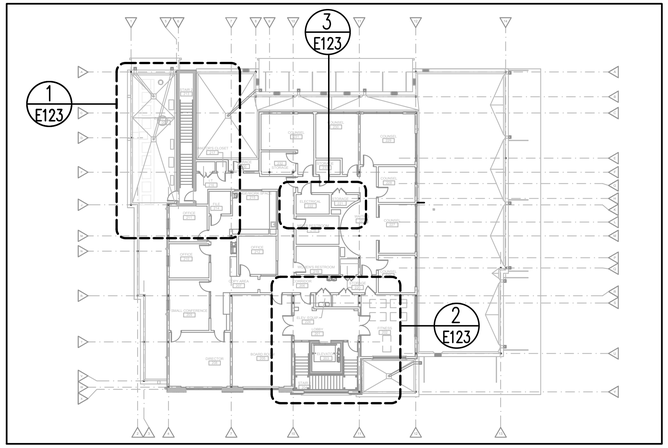
1 ALL BRANCH CIRCUIT ROUTED ON ROOF SHALL BE ROUTED AT LEAST 12" ABOVE THE ROOF. USE ONLY UL LISTED ROOF SUPPORTS SUCH AS COOPER B-LINE CE SERIES.

2 MAKE ALL REQUIRED ROOF PENETRATIONS THROUGH EQUIPMENT CURBS. COORINATED WITH MECHANICAL AND ROOF CONTRACTORS.

3 MAKE ALL FINAL CONNECTIONS TO EQUIPMENT WITH LFMC.

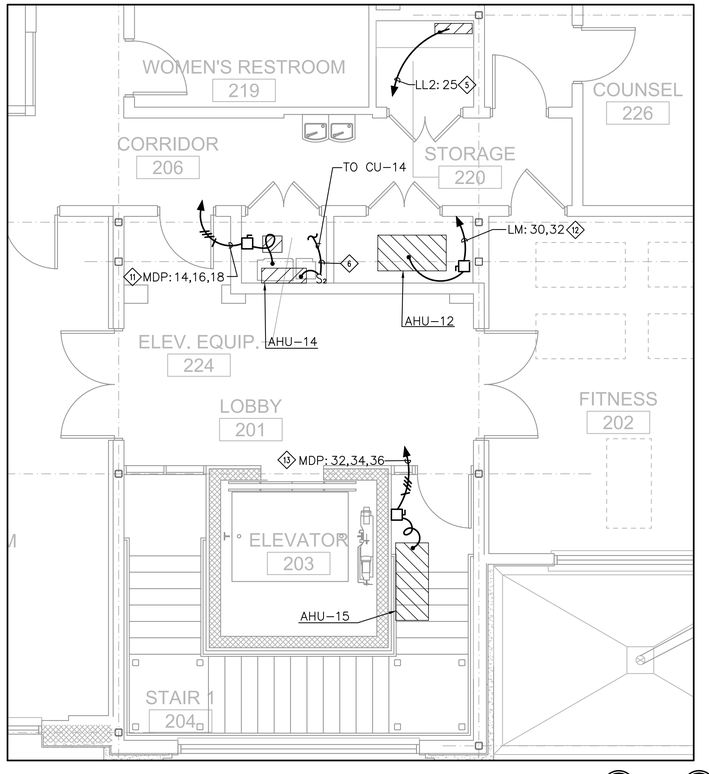
SPECIFIC NOTES

1. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
2. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #10, 1#10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
3. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 50 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
4. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 35 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
5. PROVIDE 120 VOLT POWER TO MECHANICAL CONTROL PANEL PROVIDED AND INSTALLED BY MECH CONTRACTOR.
6. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT TO INDOOR UNIT. OUTDOOR UNIT SUPPLIES POWER TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.
7. PROVIDE UNISTRUT MOUNTING STAND FOR DISCONNECT SWITCHES.
8. ROUTE 120 VOLT CIRCUIT THRU LINE VOLTAGE THERMOSTAT PROVIDED BY DIV 23.
9. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT WATER HEATER AND ROUTE 3#12, 1#12 IN 1" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
10. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT KITCHEN FANS (SUPPLY AND EXHAUST) AND ROUTE 3 #12, 1#12 GND IN 3/4" CONDUIT BACK TO STARTER IN KITCHEN HOOD CONTROL PANEL ON THE FIRST FLOOR. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
11. PROVIDE A 25 AMP, 3 POLE, SHUNT TRIP ENCLOSED C/B AT ELEVATOR CONTROLLER. COORDINATE SHUNT TRIPPING OF UNIT WITH FIRE ALARM SYSTEM. ROUTE 3#10, 1#10 GND IN 1" CONDUIT BACK TO 25 AMP, 3 POLE C/B IN DESIGNATED PANEL.
12. PROVIDE A 30 AMP, 3 POLE, 240 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 2#10, 1#10 IN 3/4" CONDUIT BACK TO 30 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
13. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#12, 1#12 IN 3/4" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.



4 KEY PLAN

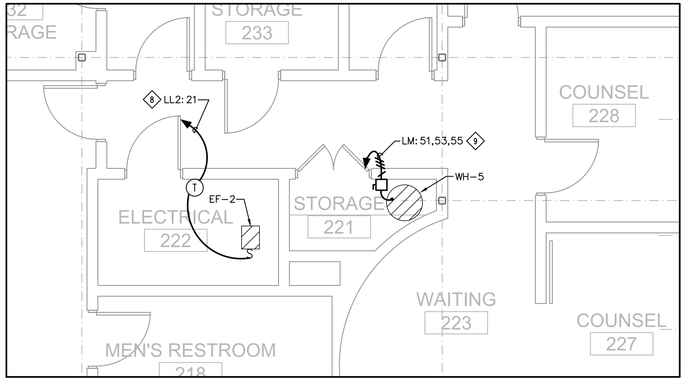
SCALE: NONE



2 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH



3 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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Richard E. Nichols
DISTRICT ENGINEER

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T (area code) number

Contractor
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Address 1
Address 2
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Revisions

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Checked By	R.N.

Issue Date
08/05/2021
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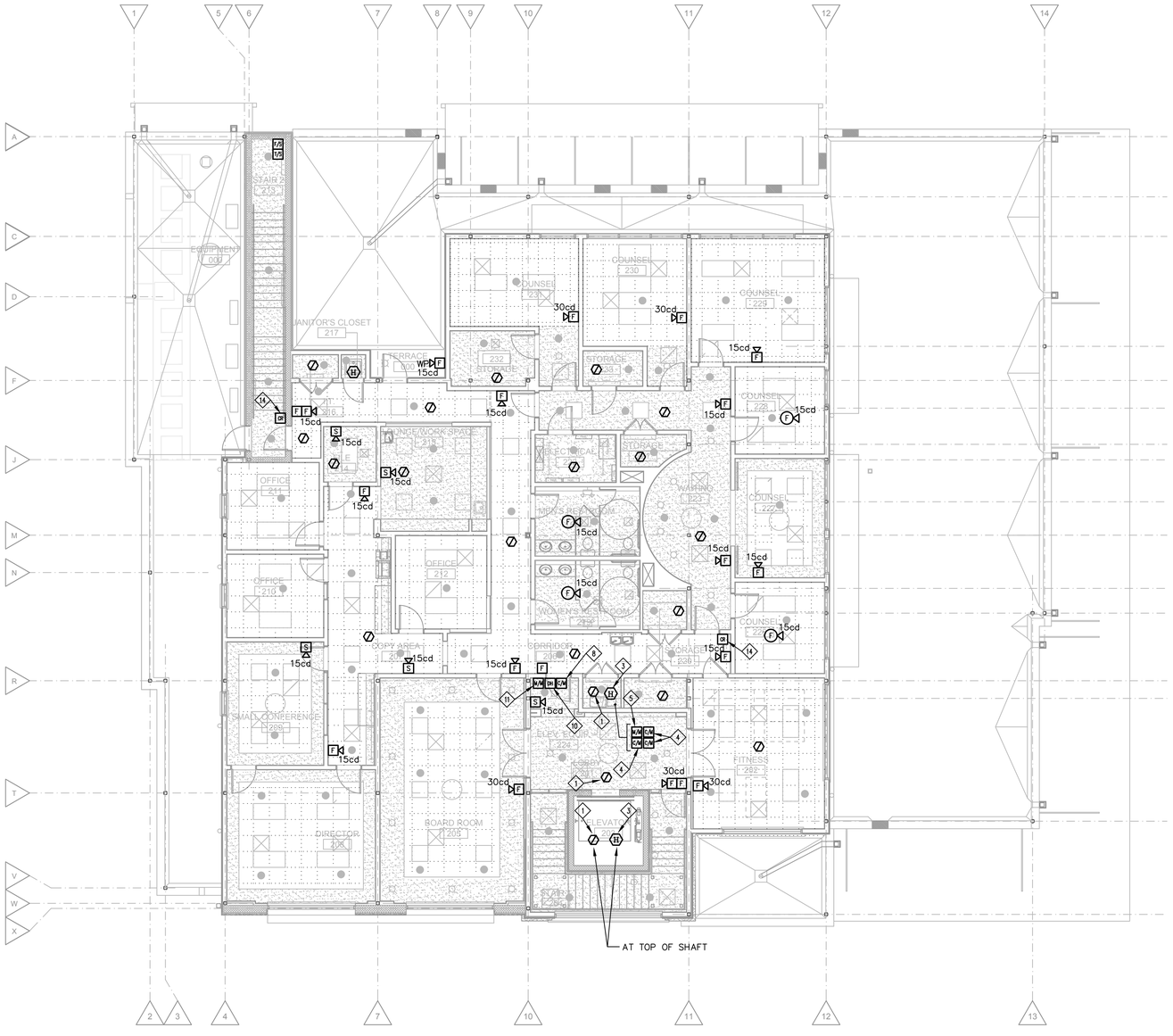
Title
Mech. Power Plan Second Floor

Sheet
E123

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E123_MECH PWR 2ND
qnguyen



GENERAL NOTES:

1. FIRE ALARM SYSTEM AND ASSOCIATED DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
2. FIRE ALARM SYSTEM CABLES SHALL BE LISTED FOR FIRE ALARM USE, SHALL HAVE A RED JACKET, AND SHALL BE INSTALLED IN RACEWAY.
3. PROVIDE DUCT-MOUNTED SMOKE SENSOR UPSTREAM OF EACH SMOKE DAMPER AND PROVIDE ADDRESSABLE CONTROL MODULE TO CLOSE DAMPER UPON SENSING SMOKE UPSTREAM. SENSOR AND CONTROL MODULE SHALL REMAIN ACCESSIBLE AFTER INSTALLATION. SEE MECHANICAL PLANS FOR QUANTITY AND LOCATIONS OF SMOKE DAMPERS.

SPECIFIC NOTES:

1. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR PRIMARY RECALL FUNCTIONS.
2. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR ALTERNATE RECALL SEQUENCE.
3. ADDRESSABLE HEAT SENSOR SHALL INITIATE ELEVATOR SHUTDOWN SEQUENCE. LOCATE HEAT SENSOR(S) WITHIN 2-FEET OF EACH SPRINKLER HEAD IN THE SHAFT, PIT, OR MACHINE ROOM. COORDINATE QUANTITY OF REQUIRED SENSORS WITH SPRINKLER SYSTEM SHOP DRAWINGS.
4. PROVIDE ADDRESSABLE RELAYS FOR INITIATION OF ELEVATOR RECALL AND SHUTDOWN SEQUENCES.
5. PROVIDE ADDRESSABLE MONITOR MODULE AND POWER MONITORING RELAY TO MONITOR AVAILABLE CONTROL POWER FOR THE SHUNT TRIP COIL OF THE BREAKER THAT SERVES THE ELEVATOR EQUIPMENT IN ACCORDANCE WITH NFPA 72:6.16.4.4.
6. PROVIDE ADDRESSABLE SMOKE SENSOR WITH SOUNDER BASE IN DAY CARE ROOMS. SOUNDER BASE SHALL ACTIVATE ON LOCAL ALARM ONLY.
7. PROVIDE CLEAR, TAMPER-RESISTANT COVER WITH BATTERY OPERATED HORN OVER PULL STATION.
8. ADDRESSABLE CONTROL RELAY SHALL RELEASE DOOR HOLDER UPON SENSING SMOKE WITHIN 5' OF DOOR.
9. DETECTOR SHALL INITIATE DOOR RELEASE FOR ADJACENT DOORS HELD OPEN.
10. JAMB-MOUNTED DOOR HOLDER/CLOSER WITH INTEGRAL SMOKE DETECTOR. DOOR SHALL RELEASE UPON DETECTION OF SMOKE FROM INTEGRAL DETECTOR OR ADJACENT SYSTEM DETECTOR.
11. ADDRESSABLE MONITOR MODULE SHALL MONITOR SMOKE DETECTOR INTEGRAL TO DOOR HOLDER/CLOSER.
12. DETECTOR SHALL INITIATE WINDOW RELEASE/CLOSURE.
13. ADDRESSABLE CONTROL RELAY SHALL CLOSE WINDOW UPON SENSING SMOKE WITHIN 5' OF WINDOW.
14. PROVIDE ROUGH-INS FOR FUTURE CARD READER AND DOOR STRIKE/MAG LOCK. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
15. PROVIDE ROUGH-IN FOR FUTURE CCTV CAMERA. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
16. PROVIDE DEDICATED 120-VOLT, 20-AMP CIRCUIT FOR FACP AND DEDICATED TELEPHONE LINE.

1 SPECIAL SYSTEMS PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

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ELECTRICAL ENGINEER

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Address 1
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Revisions

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Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

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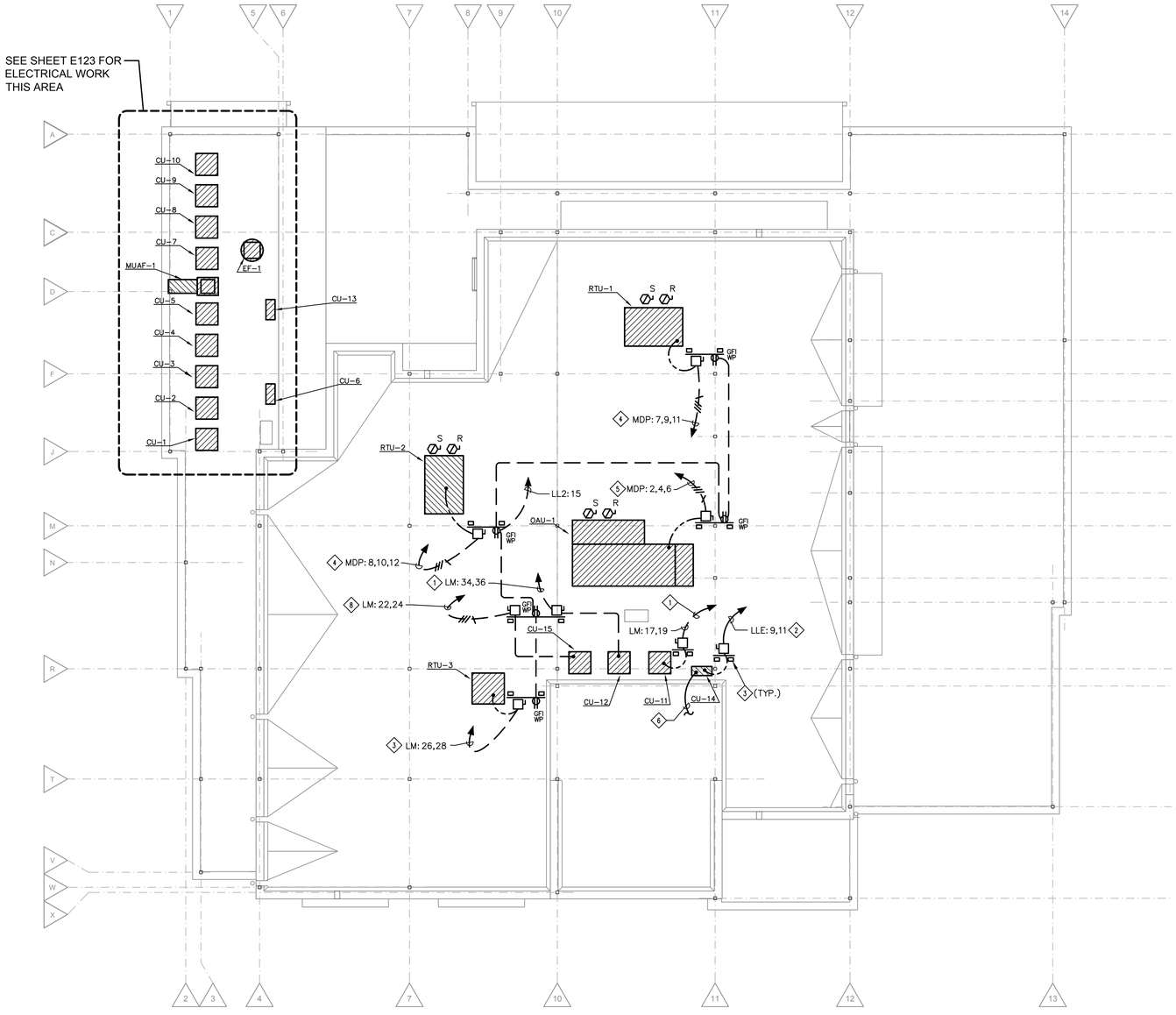
(RE-ISSUE 7/12/2023)

Title
Special Systems Plan
Second Floor

Sheet
E124

SHEET SIZE 24"x 36"
M:\1800-SERIES\1862\1882-ELEC\1882-E124_SP SYS 2ND
qnguyen



1 ELECTRICAL ROOF PLAN

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

SPECIFIC NOTES:

1. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
2. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #10, 1#10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
3. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 50 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
4. PROVIDE A 60 AMP, 3 POLE, 480 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 3#6, 1#10 GND IN 1" CONDUIT BACK TO 60 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
5. PROVIDE A 100 AMP, 3 POLE, 480 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 3#4, 1#8 GND IN 1.25" CONDUIT BACK TO 80 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
6. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT TO INDOOR UNIT. OUTDOOR UNIT SUPPLIES POWER TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.
7. PROVIDE UNISTRUT MOUNTING STAND FOR DISCONNECT SWITCHES.
8. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 35 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.

GENERAL NOTES

1 ALL BRANCH CIRCUIT ROUTED ON ROOF SHALL BE ROUTED AT LEAST 12" ABOVE THE ROOF. USE ONLY UL LISTED ROOF SUPPORTS SUCH AS COOPER B-LINE CE SERIES.

2 MAKE ALL REQUIRED ROOF PENETRATIONS THROUGH EQUIPMENT CURBS. COORINATED WITH MECHANICAL AND ROOF CONTRACTORS.

3 MAKE ALL FINAL CONNECTIONS TO EQUIPMENT WITH LFMC.

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Interoffice Data

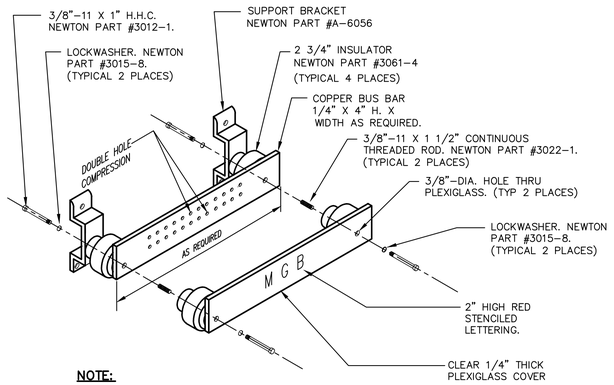
Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Roof Plan

Sheet
E131

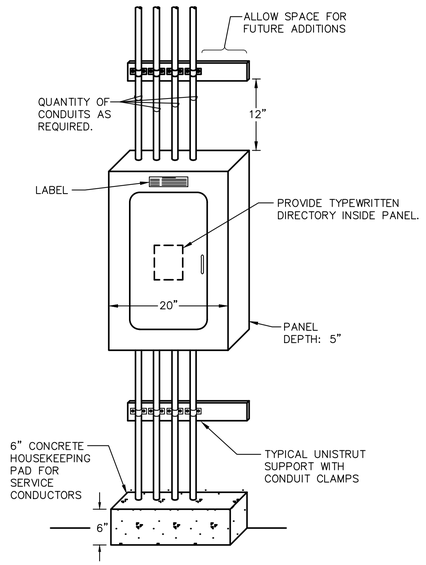
SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E131_ELEC ROOF
qnguyen



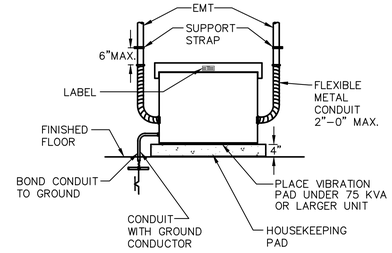
NOTE:

1. BUS BARS OVER 20" IN LENGTH REQUIRE A MINIMUM OF ONE ADDITIONAL 2 3/4" INSULATOR AND SUPPORT BRACKET.
2. PROVIDE PLASTIC LAMINATE LABEL FOR EACH GROUND CONDUCTOR. MOUNT LABEL ABOVE COMPRESSION ON GROUND BUS.

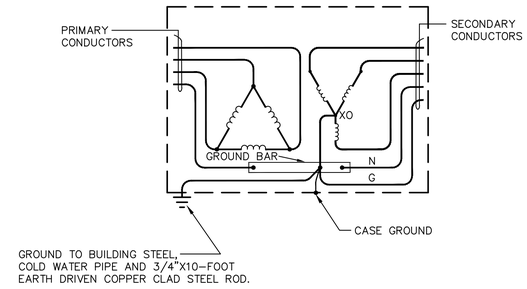
1 BUS BAR DETAIL
SCALE: NONE



2 PANEL INSTALLATION - SURFACE MOUNT
SCALE: NONE

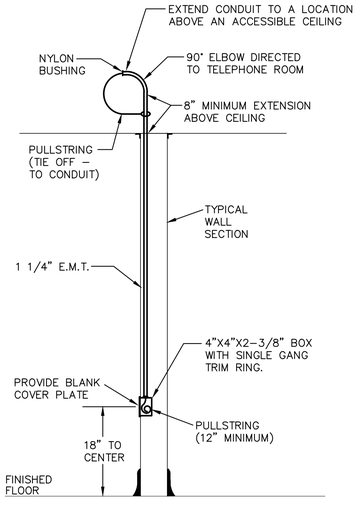


FLOOR MOUNT

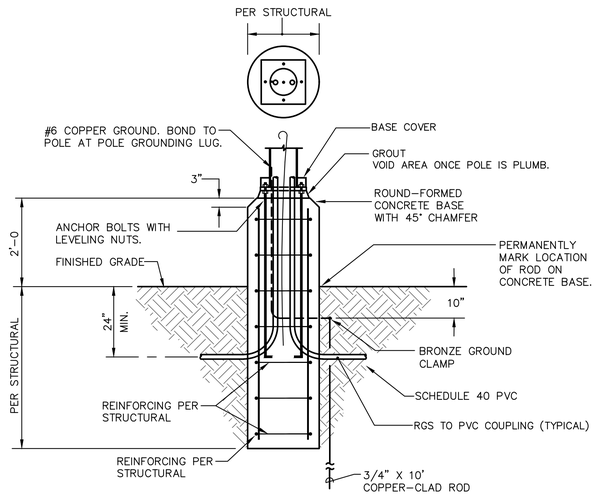


WIRING DIAGRAM

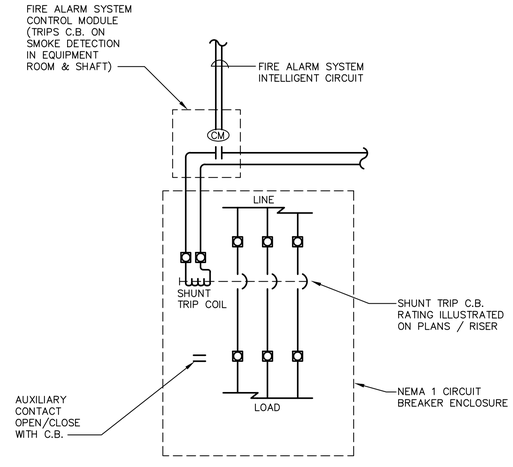
3 DRY TRANSFORMER INSTALLATION
SCALE: NONE



4 COMMUNICATION OUTLET
SCALE: NONE (STUD WALL INSTALLATION)



5 LIGHT POLE FOUNDATION
SCALE: NONE



6 ELEVATOR EQUIPMENT - ELECTRICAL
SCALE: NONE

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Title
Electrical Details

Sheet
E301

SHEET SIZE 24"x 36"
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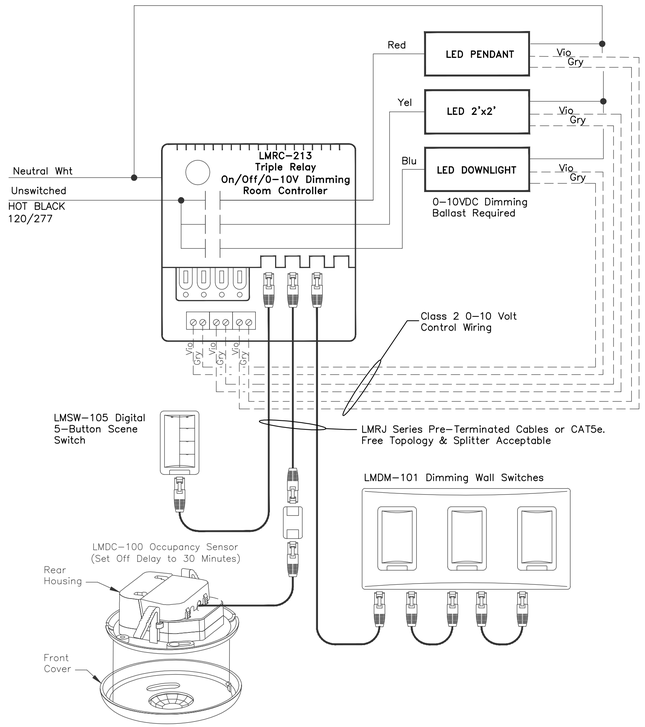
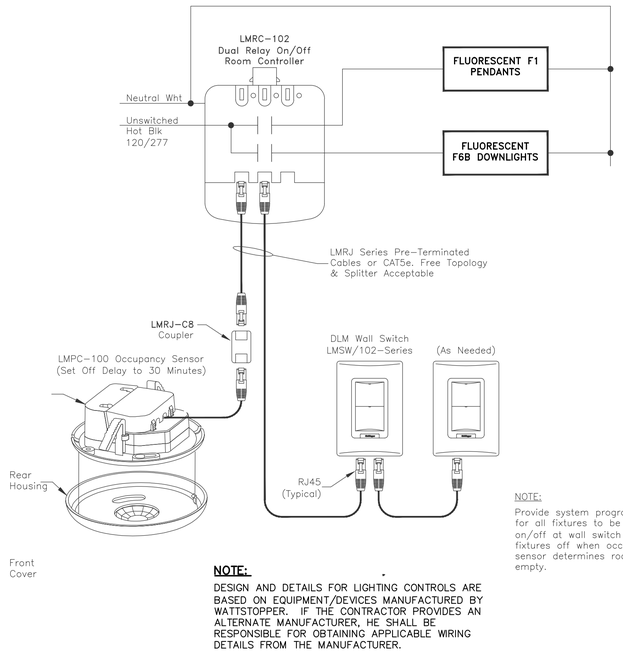
qnguyen



1 LIGHTING CONTROL DETAIL

SCALE: NOT TO SCALE BOARDROOM 205



NOTE:

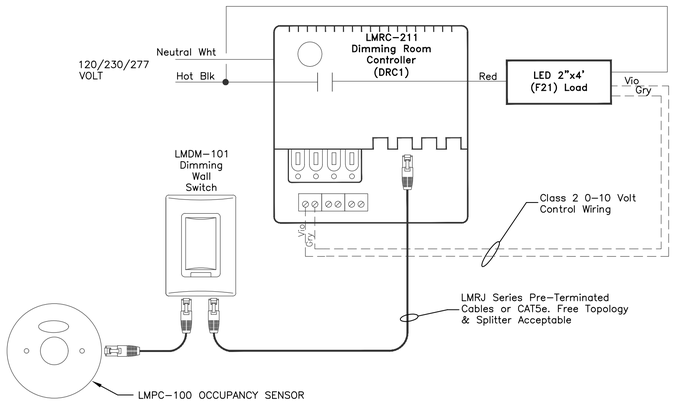
DESIGN AND DETAILS FOR LIGHTING CONTROLS ARE BASED ON EQUIPMENT/DEVICES MANUFACTURED BY WATTSTOPPER. IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

NOTE:

Provide system programming for all fixtures to be controlled on/off at wall switch and all fixtures off when occupancy sensor determines room is empty.

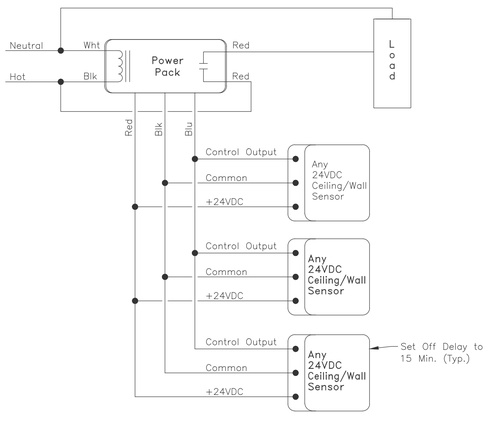
2 LIGHTING CONTROL DETAIL

SCALE: NONE INFANTS 128



5 LIGHTING CONTROL DETAIL

SCALE: NOT TO SCALE TRAINING CLASS 108,107



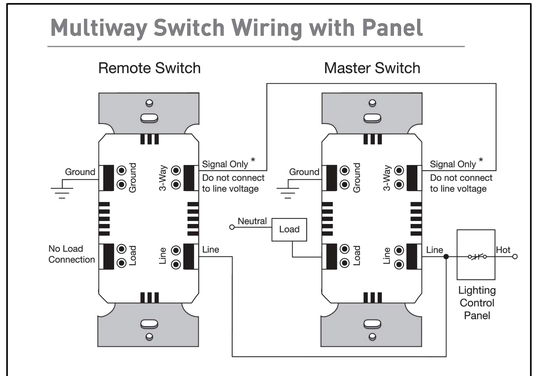
Multiple Occupancy Sensors
Using One Power Pack

NOTE:

DESIGN AND DETAILS FOR LIGHTING CONTROLS ARE BASED ON EQUIPMENT/DEVICES MANUFACTURED BY WATTSTOPPER. IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

3 LIGHTING CONTROL DETAIL

SCALE: NONE ROOM 139

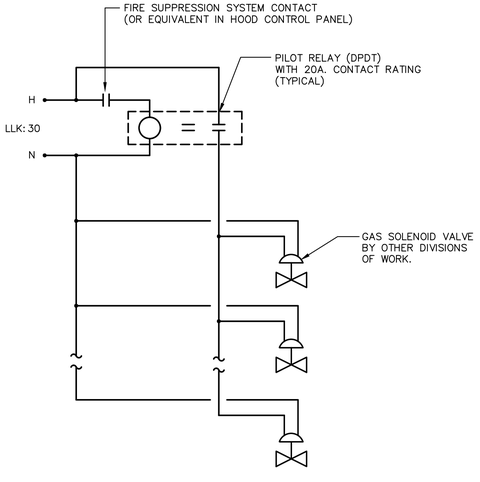


NOTE:

DESIGN AND DETAILS FOR LIGHTING CONTROLS ARE BASED ON EQUIPMENT/DEVICES MANUFACTURED BY WATTSTOPPER. IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

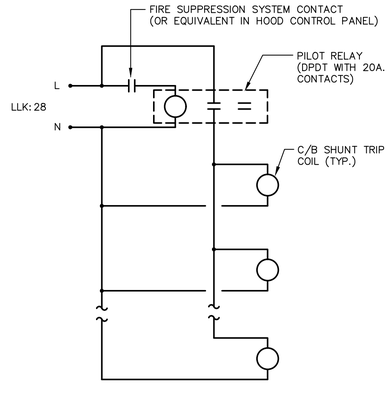
4 LIGHTING CONTROL DETAIL

SCALE: NONE ROOM 110



6 HOOD SHUTDOWN AND GAS SOLENOID VALVE CONNECTION DETAIL

SCALE: NONE



7 SHUNT TRIP CONNECTION DETAIL

SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED
PROFESSIONAL ENGINEER

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BID DOCUMENTS

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

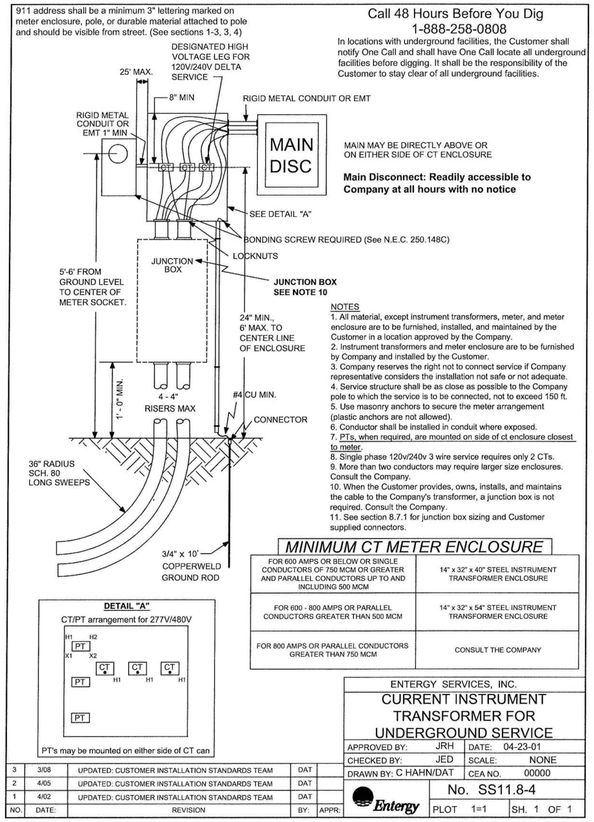
Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Details

Sheet
E302

SHEET SIZE: 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E302_ELEC DETAILS
qnguyen



1 ELECTRIC SERVICE EQUIPMENT DETAIL
SCALE: NONE

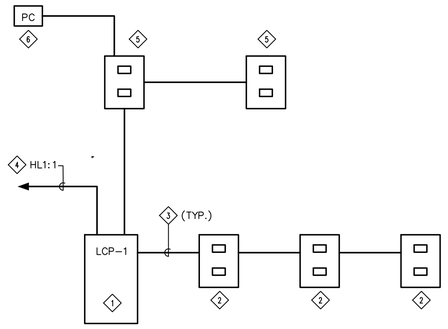
SPECIFIC NOTES:

1. PROVIDE A LIGHTING CONTROL PANEL ILC APPRENTICE II MODEL APII-08 (WITH 8 SINGLE POLE NORMALLY OPEN RELAYS). LIGHTING CONTROL PANEL SHALL HAVE NAMEPLATE THAT READS "LCP-1".
2. PROVIDE A CLASSIC DATA LINE SWITCH TO CONTROL THE 1ST FLOOR CORRIDOR AND LOBBY. PROVIDE A TWO BUTTON SWITCH ILC LS-PB-C-2-LS- PL-P-SS-1. ONE BUTTON TO TURN ON ALL 1ST FL CORRIDOR CIRCUITS AND THE OTHER TO TURN THEM OFF.
3. ROUTE CAT 5 CABLE BETWEEN DEVICES/PANEL. CAT 5 CABLE SHALL BE ROUTED IN .5" CONDUIT IN EXPOSED AREAS. THE CABLE SHALL BE PLENUM RATED THRU AIR RETURN PLENUM SPACES.
4. PROVIDE 277 VOLT CONTROL POWER TO THE LIGHTING CONTROL PANEL FROM THE DESIGNATED LIGHTING CIRCUIT.
5. PROVIDE A CLASSIC DATA LINE SWITCH TO CONTROL THE 2ND FLOOR CORRIDOR AND LOBBY. PROVIDE A TWO BUTTON SWITCH ILC LS-PB-C-2-LS- PL-P-SS-1. ONE BUTTON TO TURN ON ALL 2ND FLOOR CORRIDOR CIRCUITS AND THE OTHER TO TURN THEM OFF.
6. PROVIDE PHOTO CONTROLS ILC MODEL LSPSC-OUT-REM.

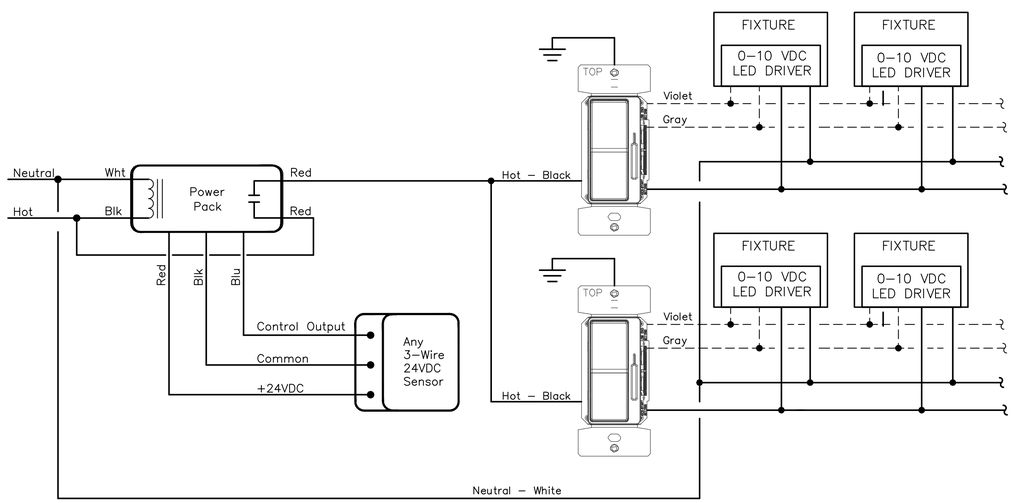
LIGHTING CONTROL PANEL (LCP-1) SCHEDULE

PANELBOARD CIRCUIT NUMBER	ROOM/AREA SERVED	RELAY (R) / DIMMER (D) SPACE NO.	RELAY (R) / DIMMER (D) # OF POLES	VOLTAGE	CONTROLS DESCRIPTION (SEE ITEM NO.)
HL1:3	SECOND FLOOR CORRIDOR	R1	1	277	2
HL1:5	FIRST FLOOR CORRIDOR	R2	1	277	2
HL1:7	FIRST FLOOR HALL 105, RECEPTION 102.	R3	1	277	2
HL1:6	EXT. POLE LIGHTS	R4	1	277	1
HL1:8	EXT WALL MOUNT -BLDG PERIMETER	R5	1	277	3
	SPARE	R6	1	277	
	SPARE	R7	1	277	
	SPARE	R8	1	277	

CONTROL DESCRIPTION:	
ITEM NO.	DESCRIPTION
NO.1	CONTROLLED BY PHOTOCONTROLS.
NO.2	CONTROLLED BY LOW VOLTAGE SWITCH IN SPACE, SWEEP OFF AFTER HOURS
NO. 3	CONTROLLED BY TIME CLOCK-TURN ON 30 MINUTES BEFORE DUSK AND TURN OFF 30 MINUTES AFTER DAWN.
NO.4	



2 LIGHTING CONTROL WIRING DIAGRAM
SCALE: NONE



3 STANDARD 3-WIRE 24VDC SENSOR AND 0-10V WALL BOX DIMMER SCHEMATIC
SCALE: NONE

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Title
Electrical Details

Sheet
E303

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E303_ELEC DETAILS
qnguyen

BID DOCUMENTS

PANEL NAME:			LL1	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			200	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			22	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			10.36	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
RECEP RM 140 (4)	20	1	1	720			720			2	1	20	RECEPT. RM 101, 127 (4)	2
RECEP RM 139 (3)	20	1	3		540			900		4	1	20	RECEPT. RM 128 (5)	4
RECEP RM 136 (5)	20	1	5			900			900	6	1	20	RECEPT. RM 128 (5)	6
RECPET. RM 107 (6)	20	1	7	1,080			540			8	1	20	RECEP - UTILITY 132 (3)	8
RECPET. RM 107 (6)	20	1	9		1,080					10	1	20	SPARE	10
RECPET. RM 107 (6)	20	1	11			1,080			1,260	12	1	20	RECPET. RM 108 (7)	12
RECEP RM 106 (6)	20	1	13	1,080			1,080			14	1	20	RECPET. RM 108 (6)	14
STACKED WASHER/DRYER	30	2	15		2,500			1,080		16	1	20	RECPET. RM 108 (6)	16
			17			2,500			165	18	1	20	UNDER CABINET LIGHTS	18
STACKED WASHER/DRYER	30	2	19	2,500			1,500			20	1	20	RECEPT. SHREDDER	20
			21		2,500			1,500		22	1	20	MILK COOLER	22
RECEPT. 130 (5)	20	1	23			900			720	24	1	20	EXTERIOR RECEPTACLES	24
RECEPT. 133 (4)	20	1	25	720						26	1	20	SPARE	26
RECEPT. 135	20	1	27		900			800		28	1	20	FACP	28
RECEPT. RM 115 (2)	20	1	29			1,500			1,080	30	1	20	RECEP - CORRIDOR 102, 126	30
RECEPT. RM 115 (2)	20	1	31	1,500			900			32	1	20	RECEP RM 123	32
RECEP - RM 125	20	1	33		720			720		34	1	20	RECEP RM 124	34
RECEP - RM 125	20	1	35			720			1,500	36	1	20	COPY MACHINE	36
RECEP - RM 121, 122	20	1	37	720						38	1	20	SPARE	38
RECEP - CORRIDOR 109, 114	20	1	39		1,260			800		40	1	20	DRINKING FOUNTAIN	40
OUTDOOR RECEPT (4)	20	1	41			720			800	42	1	20	DRINKING FOUNTAIN	42
				8320	9500	8320	4740	5800	6425					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	44225	1 LIGHTS	165	1.00	165
PHASE A LOADING (VA):	13460	2 RECEPT <= 10KVA	10000	1.00	10000
PHASE B LOADING (VA):	16020	RECEPT > 10KVA	32140	0.50	16070
PHASE C LOADING (VA):	14745	3 A/C	0	0.00	0
SUB-FEED LOADING (VA):	0	4 ELEC HEAT	0	1.00	0
TOTAL CALCULATED LOAD (VA):	27936	5	0	1.00	0
		6	0	1.00	0
TOTAL CONNECTED LOAD (A):	123	7	0	1.00	0
TOTAL CALCULATED LOAD (A):	78	8 misc	800	1.00	800
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

** PROVIDE SINGLE SECTION 54 CKT PANEL.

PANEL NAME:			LL2	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			125	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			6.90	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
RM 202 FUTURE FITNESS EQUIPMENT	20	1	1	1,000			1,200			2	1	20	COPY MACHINE	2
RM 202 FUTURE FITNESS EQUIPMENT	20	1	3		1,000			360		4	1	20	RECEPT(2) - COPY AREA 207	4
FITNESS RM 202 -TV'S(3)	20	1	5			600			540	6	1	20	RECEPT. RM 215 (3)	6
RECEPT. RM 211 (4)	20	1	7	720			360			8	1	20	RECEPT. RM 215 (2)	8
RECEPT. RM 210, (5)	20	1	9		900			540		10	1	20	RECEPT. RM 207 (3)	10
RECEPT. RM 209 (6)	20	1	11			1,080			1,080	12	1	20	RECEPT. RM 205 (6)	12
RECEPT. RM 212, 208 (6)	20	1	13	1,080			1,440			14	1	20	RECPET. RM 205 (8)	14
ROOF RECEP	20	1	15		1,080			1,440		16	1	20	RECEPT. RM 228 (5)	16
RECEPT. RM 208 (5)	20	1	17			900			1,080	18	1	20	RECEPT RM 227 (6)	18
WATER COOLER	20	1	19	400			720			20	1	20	RECEPT RM 226 (4)	20
EF-2	20	1	21		400			900		22	1	20	RECEPT. RM 231 (5)	22
UNDER CABINET LIGHTING	20	1	23			90			900	24	1	20	RECEPT. RM 230 (5)	24
HVAC CONTROL PANEL	20	1	25	600			720			26	1	20	RECEPT. RM 229 (4)	26
RECEPT. RM 216 (2)	20	1	27		1,500					28	1	20	SPARE	28
RECEPT. RM 216 (2)	20	1	29			1,500				30	1	20	SPARE	30
RECEPT RM 222, 218, 219 (6)	20	1	31	1,080						32	1	20	SPARE	32
RECEPT. RM 223, 201 (6)	20	1	33		1,080					34	1	20	SPARE	34
RECEPT. RM 206, 207, 214, 215, (5)	20	1	35			900				36	1	20	SPARE	36
SPARE	20	1	37							38	1	20	SPARE	38
RM 202 FUTURE FITNESS EQUIPMENT	20	1	39		1,000					40	1	20	SPARE	40
RM 202 FUTURE FITNESS EQUIPMENT	20	1	41			1,000				42	1	20	SPARE	42
				4880	6960	6070	4440	3240	3600					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	29190	1 LIGHTS	90	1.00	90
PHASE A LOADING (VA):	9320	2 RECEPT <= 10KVA	10000	1.00	10000
PHASE B LOADING (VA):	10200	RECEPT > 10KVA	18100	0.50	9050
PHASE C LOADING (VA):	9670	3	0	1.00	0
SUB-FEED LOADING (VA):	0	4	0	1.00	0
TOTAL CALCULATED LOAD (VA):	20163	5 EXH FANS	400	1.00	400
		6	0	1.00	0
TOTAL CONNECTED LOAD (A):	81	7	0	1.00	0
TOTAL CALCULATED LOAD (A):	56	8 MISC	600	1.00	600
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

PANEL NAME:			LE	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, NO
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			60	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			3.44	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
ELEVATOR CAB	20	1	1	1,000			50			2	1	20	SHUNT TRIP POWER	2
ELEVATOR PIT LTG / RECEP	20	1	3		200			1,127		4	1	20	PIT SUMP PUMP	4
MACH RM LTS/RECEP	20	1	5			240			0	6	1	20	SPARE	6
SPARE	20	1	7	0						8	1	20	PROVISION	8
ELEVATOR AHU/CU 14	30	2	9		1,367					10	1	20	PROVISION	10
			11			1,367				12	1	20	PROVISION	12
				1000	1567	1607	50	1127	0					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	5351	1 LIGHTS	1440	1.00	1440
PHASE A LOADING (VA):	1050	2 RECEPT <= 10KVA	0	1.00	0
PHASE B LOADING (VA):	2694	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	1607	3 HVAC	2734	1.00	2734
TOTAL CALCULATED LOAD (VA):	6395	4 SUMP PUMP	0	1.00	0
		5	0	1.00	0
		6 CONT. LOAD	0	1.00	0
		7	0	1.00	0
TOTAL CALCULATED LOAD (A):	18	8 MISC	1177	1.00	1177
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* EACH CIRCUIT BREAKER SHALL BE EQUIPPED WITH PROVISIONS FOR LOCKING THE BREAKER IN THE OPEN POSITION.

PANEL NAME:				NUMBER OF PHASES:			PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:				NEUTRAL BUS?			PROJECT NUMBER: 1882
BUS SIZE (AMPS):				GROUND BAR?			DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:				MOUNTING:			
SHORT CIRCUIT CURRENT RATING (AMPS):				FEED-THRU LUGS?			
				OTHER OPTIONS:			**SECTION 2**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
LTS-OUTDOOR STORAGE	20	1	43	400						44	1	20	SPARE	56
RECEPT(4) - OUTDOOR STORAGE	20	1	45		720					46	1	20	SPARE	58
SPARE	20	1	47							48	1	20	SPARE	60
PROVISION	20	1	49							50	1	20	PROVISION	62
PROVISION	20	1	51							52	1	20	PROVISION	64
PROVISION	20	1	53							54	1	20	PROVISION	66
				400	720	0	0	0	0					

	LOAD	DVRSTY	DMND
1 LIGHTS	400	1.00	400
2 RECEPT <= 10KVA	720	1.00	720
RECEPT > 10KVA	0	0.50	0
3	0	1.00	0
4	0	1.00	0
5 EXH FANS	0	1.00	0
6 PANEL LC1	0	1.00	0
7 WATER HEATERS	0	1.00	0
8 MISC	0	1.00	0
9	0	1.00	0
10	0	1.00	0

PANEL NAME:			LM	NUMBER OF PHASES:		3	PROJECT NAME: YWCA FACILITY
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			400	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			22	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			12.45	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
CONDENSING UNIT CU-3	35	2	1	1,736				1,148		2	2	20	CONDENSING UNIT CU-1	2
			3		1,736				1,148	4				4
CONDENSING UNIT CU-5	35	2	5			1,736			2,170	6	2	50	CONDENSING UNIT CU-2	6
			7	1,736			2,170			8				8
CONDENSING UNIT CU-7	20	2	9		1,148			1,148		10	2	20	CONDENSING UNIT CU-4	10
			11			1,148			1,148	12				12
CONDENSING UNIT CU-9	35	2	13	1,736			1,148			14	2	20	CONDENSING UNIT CU-8	14
			15		1,736			1,148		16				16
CONDENSING UNIT CU-11	20	2	17			1,148			1,736	18	2	35	CONDENSING UNIT CU-10	18
			19	1,148			1,736			20				20
AHU-13 / CU-13	30	2	21		1,367			1,736		22	2	35	CONDENSING UNIT CU-15	22
			23			1,367			1,736	24				24
AHU-1 (10KW, 1/4 HP)	40	3	25	3,534			4,163			26	2	50	RTU-3(7.2 KW, 1/2 HP)	26
			27		3,534			4,163		28				28
			29			3,534			2,848	30	2	30	AHU-12 (5KW, 1/4 HP)	30
AHU-7 (10KW, 1/4 HP)	40	3	31	3,534				2,848		32				32
			33		3,534				842	34	2	20	CU-12	34
			35			3,534			1,040	36				36
AHU-11 (10KW, 1/4 HP)	40	3	37	3,534			4,302			38	2	60	AHU-4 (8KW, 1/4 HP)	38
			39		3,534			4,302		40				40
			41			3,534			4,302	42	1	20	SPARE	42
				16958	16589	16001	17515	14487	10678					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	121566	1 LIGHTS	0	1.00	0
PHASE A LOADING (VA):	46142	2 RECEPT <= 10KVA	0	1.00	0
PHASE B LOADING (VA):	38443	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	36981	3 A/C	37796	0.00	0
TOTAL CALCULATED LOAD (VA):	79270	4 ELEC HEAT	54432	1.00	54432
		5	0	1.00	0
		6	0	1.00	0
		7	0	1.00	0
TOTAL CONNECTED LOAD (A):	337	8	0	1.00	0
TOTAL CALCULATED LOAD (A):	229	9	0	0.65	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* PER 408.4(B) INDICATE WHERE PANEL IS POWERED FROM.

** PROVIDE SINGLE SECTION 72 CKT PANEL.

PANEL NAME:			LLK	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			100	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			5.51	OTHER OPTIONS:			**STAINLESS STEEL COVER SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
CONVECTION OVEN (E5.2)	20 (1)	1	1	744			1,200			2	1	20	HOOD LIGHTING/CONTROL PANEL (E12)	2
SPACE FOR SHUNT TRIP	-	-	3					264		4				4
CONVECTION OVEN (E5.2)	20 (1)	1	5		744				264	6	3	20	SUPPLY FAN - .5HP - (E12.2)	6
SPACE FOR SHUNT TRIP	-	-	7			264				8				8
RECEPT/WORKTOP FRIG. (E7)	20 (1)	1	9		660			264		10				10
SPACE FOR SHUNT TRIP	-	-	11						264	12	3	20	EXHAUST FAN - .5HP - (E12.1)	12
MICROWAVE (E10)	20	2	13	1,487			264			14				14
			15		1,487			1,870		16				16
RECEPT. (6)	20	1	17			1,080			1,870	18	2	20	WARE WASHER (E18)	18
HEATED HOLDING CABINET (E20)	20	1	19	2,040			1,020			20	1	20	REFRIG. (E2)	20
HOT FOOD TABLE (E25)	20	1	21		1,500			1,200		22	1	20	WALK IN FREEZER BOX (E1)	22
FOOD PROCESSOR (E29)	20	1	23			840			915	24	2	20	WALK IN FREEZER COIL FAN (E-1A)	24
SPARE	20	1	25				915			26				26
SPARE	20	1	27					200		28	1	20	SHUNT TRIP POWER	28
SPARE	20	1	29						200	30	1	20	GA S SOLENOID VALVES	30
SPARE	20	1	31				1,200			32	1	20	EWH-1 (FAN AND CONTROL POWER)	32
SPARE	20	1	33					500		34	1	20	EF-3	34
SPARE	20	1	35						1,560	36	2	20	WALK IN FREEZER REMOTE CONDENSER	36
SPARE	20	1	37				1560			38			(E-1B)	38
PROVISION	20	1	39							40	1	20	PROVISION	40
PROVISION	20	1	41							42	1	20	PROVISION	42
				4271	3647	2984	6423	4298	5073					

			LOAD	DVRSTY	DEMAND
TOTAL CONNECTED LOAD (VA):	26376	1 LIGHTS	0	1.00	0
PHASE A LOADING (VA):	10694	2 RECEPT <= 10KVA	1080	1.00	1080
PHASE B LOADING (VA):	7945	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	7737	3 A/C	0	0.65	0
SUB-FEED LOADING (VA):	0	4 ELEC HEAT	0	0.65	0
TOTAL CALCULATED LOAD (VA):	24933	5 FANS	2084	1.00	2084
		6 KIT EQ	14642	0.65	9517.3
TOTAL CONNECTED LOAD (A):	73	7 REFRIG	7170	1.00	7170
TOTAL CALCULATED LOAD (A):	69	8 MISC	1400	0.65	910
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

(1) COORDINATE SHUNT TRIPPING OF C/B WITH HOOD SUPPRESSION AND FIRE ALARM SYSTEM.

PANEL NAME:				NUMBER OF PHASES:		0	PROJECT NAME: YWCA FACILITY
VOLTAGE:			208Y/120	NEUTRAL BUS:		0	1882
BUS SIZE (AMPS):			400	GROUND BAR:		0	PROJECT NUMBER: 43479
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		0	DATE: 1/0/1900
AIC RATING:			22	FEED-THRU LUGS:		0	
EST. SSC AMPS AVAIL:			12.45	OTHER OPTIONS:		0	**SECTION 2**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
AHU-6 / CU-6	30	2	43	1,367					1,667	44				44
			45		1,367			1,667		46	3	20	EWH-4	46
AHU-8 (8KW, 1/4 HP)	60	2	47			4,302			1,667	48				48
			49	4,302			1,667			50				50
EWH-5	20	3	51		1,333			1,667		52	3	20	EWH-3	52
			53			1,333			1,667	54				54
			55	1,333			1,333			56				56
PROVISION	20	1	57					1,333		58	3	20	EWH-2	58
PROVISION	20	1	59						1,333	60				60
PROVISION	20	1	61							62	1	20	PROVISION	62
PROVISION	20	1	63							64	1	20	PROVISION	64
PROVISION	20	1	65							66	1	20	PROVISION	66
PROVISION	20	1	67							68	1	20	PROVISION	68
PROVISION	20	1	69							70	1	20	PROVISION	70
PROVISION	20	1	71							72	1	20	PROVISION	72
				7002	2700	5635	4667	4667	4667					

			LOAD	DVRSTY	DMND
		1 LIGHTS	0	1.00	0
		2 RECEPT <= 10KVA	0	1.00	0
		RECEPT > 10KVA	0	0.50	0
		3 A/C	2734	1.00	2734
		4 ELEC HEAT	8604	1.00	8604
		5	0	1.00	0
		6	0	1.00	0
		7 WATER HEATERS	18000	0.75	13500
		8	0	1.00	0
		9	0	1.00	0
		10	0	1.00	0

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
Richard E. Nichols
MECHANICAL ENGINEER

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IMC 1882
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YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date

08/05/2021
(RE-ISSUE 7/12/2023)

Title

Electrical Schedules

Sheet

E401

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E401_ELEC SCHEDULES
qnguyen

PANEL NAME:				MDP			NUMBER OF PHASES:			3		PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:				480Y/277			NEUTRAL BUS?			Y		PROJECT NUMBER: 1882
BUS SIZE (AMPS):				600			GROUND BAR?			Y		DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:				MLO			MOUNTING:			SURFACE		
SHORT CIRCUIT CURRENT RATING (KAIC):				42			FEED-THRU LUGS?			N		
EST. AVAILABLE CHORT CIRCUIT (KAIC):				20.95			OTHER OPTIONS:					**SECTION 1**

	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	LEFT LOADING B	LEFT LOADING C	RIGHT LOADING A	RIGHT LOADING B	RIGHT LOADING C	CKT #	# POLES	AMP RATING	ITEM	
1				1	6,885			16,073			2				2
3	PANEL HL1	100	3	3		6,885			16,073		4	3	80	OA U-1 (40 KW, 5 HP FAN, 1 HP EXH FAN)	4
5				5			6,885			16,073	6				6
7				7	12,663			12,275			8				8
9	RTU-1(34KW, 3HP)	60	3	9		12,663			12,275		10	3	60	RTU-2(34KW, 2HP)	10
11				11			12,663			12,275	12				12
13				13	46,691			3,879			14				14
15	TRANSFORMER T-1	400	3	15		46,691			3,879		16	3	25	ELEVATOR (10 HP)	16
17				17			46,691			3,879	18				18
19				19	5,443			3,772			20				20
21	AHU-2(15 KW, 3/4 HP)	30	3	21		5,443			3,772		22	3	20	AHU-9 (10 KW, 3/4 HP)	22
23				23			5,443			3,772	24				24
25				25	3,772			3,772			26				26
27	AHU-3(10 KW, 3/4 HP)	20	3	27		3,772			3,772		28	3	20	AHU-10 (10 KW, 3/4 HP)	28
29				29			3,772			3,772	30				30
31				31	3,772			3,772			32				32
33	AHU-5(10 KW, 3/4 HP)	20	3	33		3,772			3,772		34	3	20	AHU-15 (10 KW, 3/4 HP)	34
35				35			3,772			3,772	36				36
37				37							38				38
39	PROVISION	200	3	39							40	3	100	PROVISION	40
41				41							42				42
					79225.3	79225.3	79225.3	43543	43543	43543					

		LOAD	DVRSTY	DMND
1	LIGHTS	18618	1.00	18618
2	RECEPT <= 10KVA	10000	1.00	10000
	RECEPT > 10KVA	62040	0.50	31020
3	A/C	43264	0.00	0
4	ELEC HEAT	255206	1.00	255206
5	EXH FANS	2484	1.00	2484
6	KIT EQ	14822	0.65	9634.3
7	WATER HEATER	18000	0.75	13500
8	MISC	7458	0.50	3729
9	ELEVATOR	11637	1.00	11637
10		0	1.00	0

TOTAL CONNECTED LOAD (VA):	368305
PHASE A LOADING (VA):	122768
PHASE B LOADING (VA):	122768
PHASE C LOADING (VA):	122768
TOTAL CALCULATED LOAD (VA):	360483
TOTAL CONNECTED LOAD (A):	533
TOTAL CALCULATED LOAD (A):	434

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* PANEL SHALL BE DISTRIBUTION TYPE - SQUARE D LINE OR EQUIVALENT.

* PROVIDE WITH INTEGRAL TVSS - MINIMUM 240 KA PER PHASE.

PANEL NAME:				LDP			NUMBER OF PHASES:			3		PROJECT NAME: YWCA FACILITY
VOLTAGE:				208Y/120			NEUTRAL BUS?			Y		PROJECT NUMBER: 1882
BUS SIZE (AMPS):				800			GROUND BAR?			Y		DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:				800			MOUNTING			SURFACE		
SHORT CIRCUIT CURRENT RATING(KAIC):				22			FEED-THRU LUGS?			N		
AVAILABLE SHORT CIRCUIT CURRENT (KAIC)				12.98			OTHER OPTIONS					**SECTION 1**

	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	LEFT LOADING B	LEFT LOADING C	RIGHT LOADING A	RIGHT LOADING B	RIGHT LOADING C	CKT #	# POLES	AMP RATING	ITEM	
1				1	9,312			6,721			2				2
3	PANEL LL1	200	3	3		9,312			6,721		4	3	125	PANEL LL2	4
5				5			9,312			6,721	6				6
7				7	7,060			2,132			8				8
9	PANEL LLK	100	3	9		7,060			2,132		10	3	50	PANEL LLE	10
11				11			7,060			2,132	12				12
13				13	26,423						14				14
15	PANEL LM	400	3	15		26,423					16	3	100	PROVISION	16
17				17			26,423				18				18
19				19							20				20
21	PROVISION	200	3	21							22	3	200	PROVISION	22
23				23							24				24
25				25							26				26
27	PROVISION	100	3	27							28	3	100	PROVISION	28
29				29							30				30
31				31							32				32
33	PROVISION	100	3	33							34	3	100	PROVISION	34
35				35							36				36
37				37							38				38
39	PROVISION	100	3	39							40	3	100	PROVISION	40
41				41							42				42
					42795	42795	42795	8852	8852	8852					

		LOAD	DVRSTY	DMND
1	LIGHTS	2,095	1.00	2095
2	RECEPT <= 10KVA	10,000	1.00	10000
	RECEPT > 10KVA	62,040	0.50	31020
3	A/C	43,264	0.00	0
4	ELEC HEAT	63,036	1.00	63036
5	EXH FANS	2,484	1.00	2484
6	KIT EQ	14,822	0.65	9634
7	WATER HEATER	18,000	0.75	13500
8	MISC	7,458	0.50	3729
9	REF EQ	4,050	1.00	4050
10		0	0.30	0

TOTAL CONNECTED LOAD (VA):	154943
PHASE A LOADING (VA):	51648
PHASE B LOADING (VA):	51648
PHASE C LOADING (VA):	51648
TOTAL CALCULATED LOAD (VA):	140072
TOTAL CONNECTED LOAD (A):	631
TOTAL CALCULATED LOAD (A):	389

NOTES

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* PANEL SHALL BE DISTRIBUTION TYPE - SQUARE D LINE OR EQUIVALENT.

* PROVIDE WITH INTEGRAL TVSS - MINIMUM 120 KA PER PHASE.

PANEL NAME:				HL1			NUMBER OF PHASES:			3		PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:				480Y/277			NEUTRAL BUS?			Y		PROJECT NUMBER: 1882
BUS SIZE (AMPS):				100			GROUND BAR?			Y		DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:				MLO			MOUNTING:			SURFACE		
SHORT CIRCUIT CURRENT RATING (KAIC):				25			FEED-THRU LUGS?			N		
EST. AVAILABLE CHORT CIRCUIT (KAIC):				14.21			OTHER OPTIONS:					**SECTION 1**

	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	LEFT LOADING B	LEFT LOADING C	RIGHT LOADING A	RIGHT LOADING B	RIGHT LOADING C	CKT #	# POLES	AMP RATING	ITEM	
1	LTS--2ND FLOOR	20	1	1	1,620				1,810		2	1	20	LIGHTING - 2ND FLOOR	2
3	LTS- 2ND FL CORRIDOR, LOBBY	20	1	3		1,845			2,815		4	1	20	LTS RMS- 126 THRU 135	4
5	LTS- RM 109, 114, 119,121,122	20	1	5			2,093			775	6	1	20	EXT WALL MOUNT -BLDG PERIMETER	6
7	LTS- RM 102, 105,106, 120,122,123,125	20	1	7	1,765			500			8	1	20	EXT. LIGHT POLES	8
9	LTS RMS 140, 139, 136	20	1	9		2,220			1,080		10	1	20	LTS TRAINING RMS 107 AND 108	10
11	PROVISION	20	1	11							12	1	20	SPARE	12
13	PROVISION	20	1	13							14	1	20	SPARE	14
15	PROVISION	20	1	15							16	1	20	PROVISION	16
17	PROVISION	20	1	17							18	1	20	PROVISION	18
19	PROVISION	20	1	19							20	1	20	PROVISION	20
21	PROVISION	20	1	21							22	1	20	PROVISION	22
23	PROVISION	20	1	23							24	1	20	PROVISION	24
25	PROVISION	20	1	25							26	1	20	PROVISION	26
27	PROVISION	20	1	27							28	1	20	PROVISION	28
29	PROVISION	20	1	29							30	1	20	PROVISION	30
31	PROVISION	20	1	31							32	1	20	PROVISION	32
33	PROVISION	20	1	33							34	1	20	PROVISION	34
35	PROVISION	20	1	35							36	1	20	PROVISION	36
37	PROVISION	20	1	37							38	1	20	PROVISION	38
39	PROVISION	20	1	39							40	1	20	PROVISION	40
41	PROVISION	20	1	41							42	1	20	PROVISION	42
					3385	4065	2093	2310	3895	775					

		LOAD	DVRSTY	DMND
1	LIGHTS	16523	1.00	16523
2	RECEPT <= 10KVA	0	1.00	0
	RECEPT > 10KVA	0	0.50	0
3		0	0.00	0
4	AHU	0	1.00	0
5		0	1.00	0
6		0	1.00	0
7		0	1.00	0
8		0	1.00	0
9		0	1.00	0
10		0	1.00	0

TOTAL CONNECTED LOAD (VA):	16523
PHASE A LOADING (VA):	5695
PHASE B LOADING (VA):	7960
PHASE C LOADING (VA):	2868
SUB-FEED LOADING (VA):	0
TOTAL CALCULATED LOAD (VA):	20654
TOTAL CONNECTED LOAD (A):	20
TOTAL CALCULATED LOAD (A):	25

NOTES:

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STATE OF LOUISIANA
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Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER

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2714 INDEPENDENCE STREET
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BID DOCUMENTS

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Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Schedules

Sheet
E402

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E402_ELEC SCHEDULES
qnguyen

LIGHT FIXTURE SCHEDULE

F1 4-FOOT, LINEAR LED, PENDANT-MOUNTED, DIRECT/INDIRECT FIXTURE, 1 CIRCUIT, STANDARD CIRCUIT, UNIVERSAL VOLTAGE, 48" LONG, ADJUSTABLE CABLE; SEE PLAN FOR RUN LENGHTS, T BAR CEILING TYPE (VERIFY WITH ARCHITECT).INCLUDE BELEVED END CAPS. 3500K; MIN CRI = 80; 4000 MINIMUM INITIAL LUMENS (27.9 WATTS).

BASIS OF DESIGN: CORELITE I3-UL-40L835-1D-UNV-STD-W-EB-AC48-TX-4.

F2A STATIC, RECESSED, 2-FOOT BY 2-FOOT LED VOLUMETRIC TROFFER; GRID OR FLANGE TYPE PER CEILING TYPE INSTALLED; CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, FROSTED ACRYLIC LENSES. ELECTRICAL: 2300 LUMENS (19.5 WATTS), CRI-80, 0-10 VOLT DIMMING DRIVER.

BASIS OF DESIGN: METALUX 22AC-LD5-23-UNV-L835-CD

F2AE SAME AS F2A, 14 WATT EMERGENCY BATTERY PACK.

F2B SAME AS F2A, BUT WITH 3800 LUMENS (34.3 WATTS).

F2C NOT USED.

F2D STATIC, RECESSED, 2-FOOT BY 4-FOOT LED VOLUMETRIC TROFFER; GRID OR FLANGE TYPE PER CEILING TYPE INSTALLED; CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, FROSTED ACRYLIC LENSES. ELECTRICAL: 4400 LUMENS (37.9 WATTS), CRI-80, 0-10 VOLT DIMMING DRIVER.

BASIS OF DESIGN: METALUX 24AC-LD5-44-UNV-L835-CD.

F3A LED, 4-FOOT NOMINAL, LOW-PROFILE, UNDER CABINET FIXTURE; ELECTRICAL: 120-VOLT, 21 WATTS, 3500K; MIN CRI = 80; 1540 MINIMUM INITIAL LUMENS.

BASIS OF DESIGN: HALO HU11-48-D9-S-P

F3B LED, 2-FOOT NOMINAL, LOW-PROFILE, UNDER CABINET FIXTURE; ELECTRICAL: 120-VOLT, 11 WATTS, 3500K; MIN CRI = 80; 785 MINIMUM INITIAL LUMENS.

BASIS OF DESIGN: HALO HU11-24-D9-S-P

F4A 2'x4' RECESSED FLAT PANEL. 4712-LUMENS, 41.4 WATTS, 3500-K, AND 80 CRI.

BASIS OF DESIGN: METALUX CAT# 24FP4735C

F4AE SAME AS F4A, BUT WITH 14-WATT EMERGENCY BATTERY.

F5 LED 2X2 RECESSED FLAT PANEL, 3500K, 80+ CRI, 2610 LUMENS (20.1 WATTS), 120-277 UNIVERSAL VOLTAGE, 0-10V 10% DIMMING.

BASIS OF DESIGN METALUX # 22FP2535

F5E SAME AS F5, EXCEPT INCLUDE 14W EMERGENCY BATTERY PACK.

F6A LED 6" DOWNLIGHT, 2000 LUMENS, 21.1 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC620D010-HM6-12-835-61-WD-HWF

F6AE SAME AS F6A, BUT WITH INTEGRAL 14 WATT EMERGENCY MODULE.

F6B LED 6" DOWNLIGHT, 3000 LUMENS, 27.2 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHITE FLANGE, CLEAR SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC630D010-HM634835-61WDHWF

F6BE SAME AS F6A, BUT WITH INTEGRAL 14 WATT EMERGENCY MODULE.

F6C LED 6" DOWNLIGHT, 1000 LUMENS, 10.1 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC610D010-HM6-12-835-61-WD-HWF

F7A LED DRUM PENDANT; 24-INCH DIAMETER; SINGLE STEM WITH AIRCRAFT CABLE, L5/835 LED LAMP (4400 LUMENS-47W), UNIVERSAL VOLTAGE 120-277, MATTE WHITE FINISH (VERIFY WITH ARCHITECT) 24"OAH, SHANTUNG WHITE FABRIC ON TRANSLUCENT WHITE

STYRENE TUCKED ON WHITE WELDED STEEL FRAME; EXPOSED HARDWARE WITH NATURAL ALUMINUM FINISH. AT 3500K.

BASIS OF DESIGN: SHAPER 142P SERIES

F7B ARCHITECTURAL LOOP PENDANT 27-INCH DIAMTER; DIRECT/INDIRECT LIGHT DISTRIBUTION; WHITE ACRYLIC BOWL; 24-INCH SUSPENSION HEIGHT VIA SINGLE STEM WITH 3 AIRCRAFT CABLES; ALUMINUM CONSTRUCTION; COLOR AND FINISH PER ARCHITECT.ELECTRICAL: UNV (120-277) 0-10 VOLT DIMMING DRIVER. LAMPS: LED-9000 NOMINAL LUMENS (80W), 3500 K.

BASIS OF DESIGN: SHAPER 845 SERIES.

F8 ARCHITECTURAL, DECORATIVE, ADA-COMPLIANT WALL SCONCE; CIRCULAR SHAPE WITH DIE CAST ALUMINUM HOUSING AND POLCARBONATE LENS; FINISH PER ARCHITECT.

ELECTRICAL: UNIVERSAL VOLTAGE ELECTRONIC BALLAST; INTEGRAL 800 LUMEN EMERGENCY BATTERY. LAMPS: 25W LED-2033 NOMINAL LUMENS, 3500 K.

BASIS OF DESIGN: LUMINAIRE APX13 SERIES.

F9A LED WALL MOUNT, 2' LONG, 2400 LUMENS (23 W), FROSTED LENS, UNIVERSAL VOLTAGE (120-277) 1 DRIVER, 3500 K.

BASIS OF DESIGN METALUX CAT#2BCLED-LD4-24SL-F-UNV-L835-CD-1

F9B LED WALL MOUNT, 4' LONG, 3200 LUMENS (32.5 W), FROSTED LENS, UNIVERSAL VOLTAGE (120-277) 1 DRIVER, 5000 K.

BASIS OF DESIGN METALUX CAT#4BCLED-LD4-32SL-F-UNV-L835-CD-1

F10 4-INCH, LED ADJUSTABLE GIMBALS; SELF-FLANGED; SPUN ALUMINUM REFLECTOR WITH CLEAR SPECULAR FINISH; DIE CAST ALUMINUM HOUSING; UNIVERSAL MOUNTING BRACKET; EXTRUDED ALUMINUM HEAT SINK; THERMAL PROTECTION. ELECTRICAL: UNIVERSAL VOLTAGE, 0-10 VOLT LED DIMMER / DRIVER. LAMPS: 880 LUMEN (14W) LED PACKAGE; 3500K; 90 CRI

BASIS OF DESIGN: HALO H4 SERIES

F11 CONTINUOUS, RECESSED, LINEAR LED PERIMETER FIXTURE; LENGTH AS REQUIRED BY PLAN; CORROSION-RESISTANT, STEEL HOUSING; SEAMLESS REFLECTOR; SATIN FLUS DIFFUSER. ELECTRICAL: 610 LUMENS/FT (4.8W/FT),80 CRI, 3500K, 120/277 VOLT.

BASIS OF DESIGN: NEO-RAY MODEL S125DRP-S-610D-8-35-GYP-RUN LENGTH-1-U-DD-F-W

F12 4' LED WALL MOUNTED FIXTURE, 2800 LUMENS (25.6 WATTS), FULL FROST LENS WIDE, UNIVERSAL VOLTAGE (120-277), 3500 K, 0-10 VOLT DIMMING DRIVER, INTERGRATED OCCUPANCY SENSOR. INCLUDE 14 WATT EMERGENCY BATTERY PACK. PROGRAM OCCUPANCY SENSOR TO DIM FIXTURE TO 10% LIGHT LEVELS WHEN DETECTING NO OCCUPANCY IN AREA.

BASIS OF DESIGN: METALUX 4SWLED-LD4 SERIES

F13 ARCHITECTURAL EXTERIOR, LED, VANDAL-RESISTANT WALL SCONCE; WET LOCATION LISTED; ADA-COMPLIANT; ALUMINUM HOUSING; FINISH PER ARCHITECT; ACCENTS PER ARCHITECT; WHITE OPAL, UV-STABILIZED, POLYCARBONATE DIFFUSER. ELECTRICAL: INTEGRAL 277-VOLT ELECTRONIC BALLAST; INTEGRAL 1000 LUMEN EMERGENCY BATTERY; LAMPS: 15W LED-1339 NOMINAL LUMENS, 3500K.

BASIS OF DESIGN: LUMINAIRE SPC8 24" SERIES.

F13E SAME AS F13 EXCEPT INCLUDE INTEGRAL 1000 LUMEN EMERGENCY BATTERY.

F14 ARCHITECTURAL EXTERIOR LED WALL SCONCE, WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; COLOR PER ARCHITECT; 1000 MA DRIVE CURRENT, UNIVERSAL VOLTAGE 120-277, TYPE 4 DISTRIBUTION ELECTRICAL: INTEGRAL, ELECTRONIC LED DRIVER, ONE 21 LED LIGHT BARS, 21-WATTS; 277-VOLTS. LED LAMPS: (1) 21 LIGHT BARS- 2613 NOMINAL LUMENS.

BASIS OF DESIGN: INVUE ENC SERIES.

F15 EXTERIOR LED WALL SCONCE, WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; COLOR PER ARCHITECT; 1000 MA DRIVE CURRENT, UNIVERSAL VOLTAGE 120-277, TYPE 2 DISTRIBUTION. ELECTRICAL: INTEGRAL, ELECTRONIC LED DRIVER; INTEGRAL

SURGE PROTECTION; 55-WATTS; 277-VOLTS. LAMPS: (1) LIGHT SQUARE- 5663 NOMINAL LUMENS.

BASIS OF DESIGN: MCGRAW EDISON ISC SERIES.

F15A SAME AS F15, BUT INCLUDE PHOTOCONTROLS.

F16 LED 6" DOWNLIGHT, 1500 LUMENS, 15.2 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC615D010-HM6-12-835-61-WD-HWF

F16E SAME AS F16 INCLUDE 14-WATT INTEGRAL EMERGENCY BATTERY BACK-UP.

F16A NOT USED.

F17 SURFACE MOUNTED LED, 80 CRI, 3500K, 1200 LUMENS (14.8W), WHITE FINISH.

BASIS OF DESIGN: HALO SLD12 SERIES

F17A LED CANOPY FIXTURE, SURFACE-MOUNT, ONE PIECE DIE-CAST ALUMINUM HOUSING, 4000 LUMENS (40 WATTS), UNIVERSAL VOLTAGE (120-277 V) WIDE DISTRIBUTION, VERIFY COLOR WITH ARCHITECT BEFORE ORDERING.

BASIS OF DESIGN: MCGRAW EDISON TT SERIES.

F17AE SAME AS F17A EXCEPT INCLUDE INTEGRAL EMERGENCY BATTERY PACK.

BASIS OF DESIGN: MCGRAW EDISON TT SERIES.

F18 LED STRIP, 2.4"H x 2.4"W x 4'L. 4695-LUMENS, 41-WATTS, 3500-K, AND 80-CRI.

BASIS OF DESIGN METALUX CAT# 4SLSTP4035DD-UNV

F19 LED STRIP, 2'L. 2498-LUMENS, 23-WATTS, 3500-K, AND 80-CRI-UNVIVERSAL VOLTAGE.

BASIS OF DESIGN: METALUX CAT# 2SLSTP2035DD-UNV

F20A 2'x4' RECESSED FLAT PANEL. 3553-LUMENS, 2903 WATTS, 3500-K, AND 80 CRI. INCLUDE DRY WALL FRAMING KIT WHERE THERE IS A GYPSUM CEILING.

BASIS OF DESIGN: METALUX CAT# 24FP3135C

F20AE SAME AS F20A, BUT WITH 14-WATT EMERGENCY BATTERY.

F20B 2'x4' RECESSED FLAT PANEL. 4712-LUMENS, 41.4 WATTS, 3500-K, AND 80 CRI. INCLUDE DRY WALL FRAMING KIT WHERE THERE IS A GYPSUM CEILING.

BASIS OF DESIGN: METALUX CAT# 24FP4735C

F21 STATIC, RECESSED, 2'X4' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 6300 LUMENS (57.8 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 24AC LD5 SERIES

F22 STATIC, RECESSED, 2'X2' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 4400 LUMENS (42.3 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 22AC LD5 SERIES

F22A STATIC, RECESSED, 2'X2' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 3800 LUMENS (34.3 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 22AC LD5 SERIES

P1 FIXTURE: LED POLE-MOUNTED AREA LIGHT FIXTURE; DARK SKY COMPLIANT; WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; CAST ALUMINUM DOOR FRAME; STAINLESS STEEL LATCHES AND HINGES; SILICONE GASKET BETWEEN DOOR FRAME AND HOUSING; (6) 21 LED LIGHTBARS- 19,083 LUMENS (149 W), UNIVERSAL VOLTAGE 120-277, TYPE V SQUARE EXTRA WIDE DISTRIBUTION; ARM-MOUNTED PER PLANS; FINISH PER ARCHITECT.

BASIS OF DESIGN: MCGRAW-EDISON TLM TALON MEDIUM LED SERIES.

POLE: 25-FOOT, ROUND, TAPERED ALUMINUM POLE; 130 MPH WIND RATING PER AASHTO; 4-HOLE CAST ALUMINUM SHOE BASE; FURNISH WITH HAND HOLE AND GROUND LUG; FINISH TO MATCH FIXTURE.

P2 FIXTURE: LED POLE-MOUNTED AREA LIGHT FIXTURE; DARK SKY COMPLIANT; WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; CAST ALUMINUM DOOR FRAME; STAINLESS STEEL LATCHES AND HINGES; SILICONE GASKET BETWEEN DOOR FRAME AND HOUSING; (4) 21 LED LIGHTBARS- 11,816 LUMENS (97 W), UNIVERSAL VOLTAGE 120-277, TYPE IV WITH SPILL LIGHT CONTROL; ARM-MOUNTED PER PLANS; FINISH PER ARCHITECT.

BASIS OF DESIGN: MCGRAW-EDISON TLM TALON MEDIUM LED SERIES.

POLE: 25-FOOT, ROUND, TAPERED ALUMINUM POLE;130 MPH WIND RATING PER AASHTO; 4-HOLE CAST ALUMINUM SHOE BASE; FURNISH WITH HAND HOLE AND GROUND LUG; FINISH TO MATCH FIXTURE.

EX RED LED EXIT SIGN; WHITE, THERMOPLASTIC HOUSING; UNIVERSAL MOUNTING; FIELD CONFIGURABLE CHEVRONS; SINGLE OR DUAL FACE AS INDICATED; NICAD BATTERY; SELF DIAGNOSTICS; DUAL 120/277-VOLT.

BASIS OF DESIGN: SURE-LITES LPX SERIES.

EX1 EDGE LIT LED EXIT SIGN, ANODIZED ALUMINUM HOUSING, SINGLE OR DOUBLE FACE, RED LETTER, 120/277 DUAL VOLTAGE, MAINTENANCE-FREE NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES EUR SERIES

EM LED EMERGENCY FIXTURE, 120/277 VOLT INPUT, HIGH IMPACT THERMOPLASTIC HOUSING, SEALED NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES SEL17 SERIES

EM1 LED EMERGENCY FIXTURE, 120/277 VOLT INPUT, HIGH IMPACT THERMOPLASTIC HOUSING, SEALED NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES SEL50 SERIES

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
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BID DOCUMENTS

YWCA Facility of New Orleans

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601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

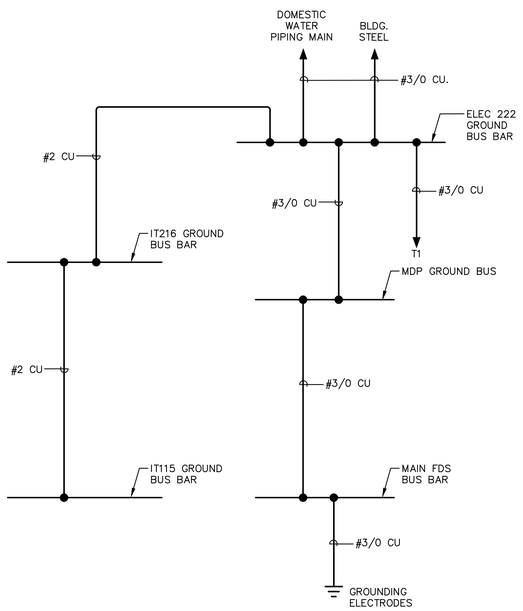
Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Fixture Schedule

Sheet
E403

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E403_ELEC FIXTURE SCHED.
qnguyen



1 GROUNDING SYSTEM RISER
SCALE: NONE

FEEDER SCHEDULE
(TYPICAL SCHEDULE – NOT ALL LABELS ARE NECESSARILY USED.)

LABEL	NO.	SIZE	GND.	CONDUIT
A	3	#12	#12	1/2"
A1	4	#12	#12	1/2"
B	3	#10	#10	3/4"
B1	4	#10	#10	3/4"
C	3	#8	#10	1"
C1	4	#8	#10	1"
D	3	#6	#8	1"
D1	4	#6	#8	1"
E	3	#4	#8	1 1/4"
E1	4	#4	#8	1 1/4"
F	3	#3	#8	1 1/4"
F1	4	#3	#8	1 1/4"
G	3	#2	#6	1 1/4"
G1	4	#2	#6	1 1/4"
H	3	#1	#6	1 1/2"
H1	4	#1	#6	1 1/2"
I	3	#1/0	#6	1 1/2"
I1	4	#1/0	#6	1 1/2"
J	3	#2/0	#6	2"
J1	4	#2/0	#6	2"
K	3	#3/0	#6	2"
K1	4	#3/0	#6	2"
L	3	#4/0	#4	2"

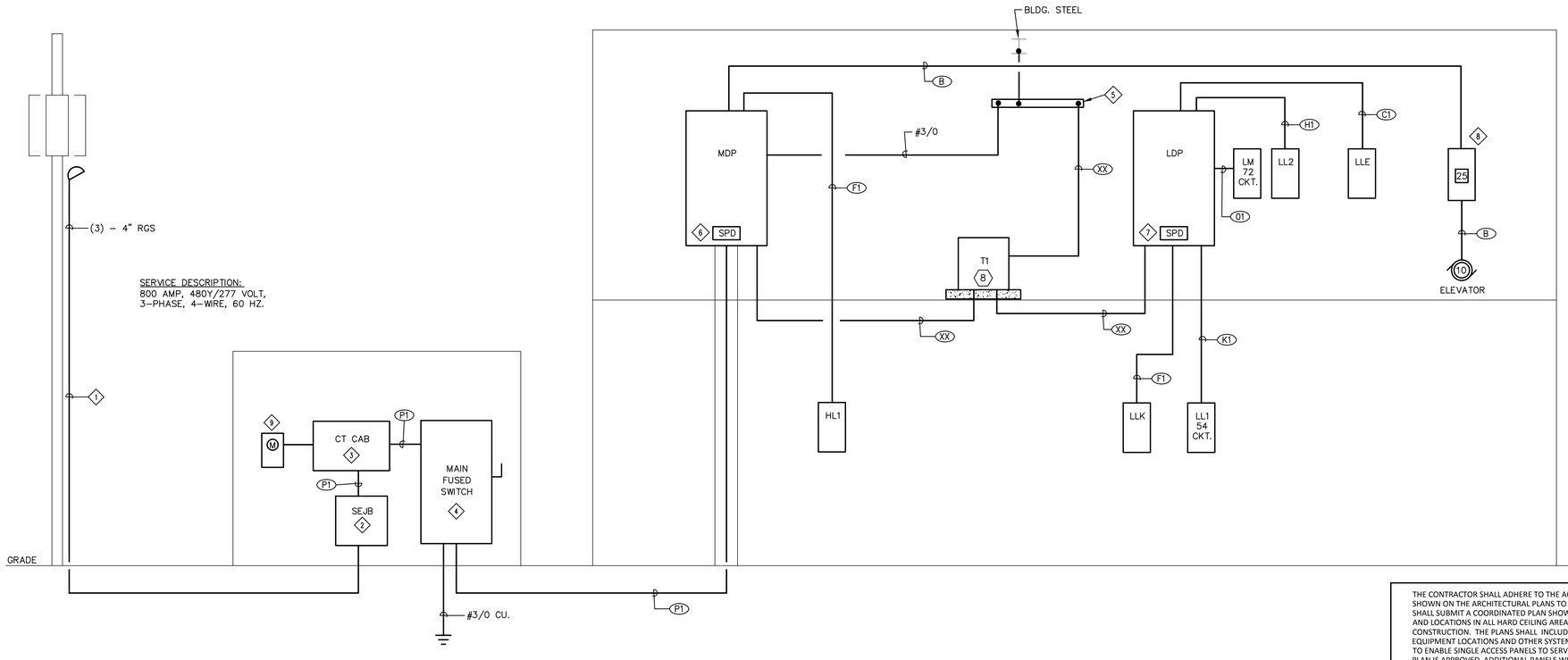
FEEDER SCHEDULE
(TYPICAL SCHEDULE – NOT ALL LABELS ARE NECESSARILY USED.)

LABEL	NO.	SIZE	GND.	CONDUIT
L1	4	#4/0	#4	2 1/2"
M	3	#250 MCM	#4	2 1/2"
M1	4	#250 MCM	#4	2 1/2"
N	3	#350 MCM	#3	3"
N1	4	#350 MCM	#3	3"
O	3	#600 MCM	#3	4"
O1	(2) 4	#3/0	#3	2"(2 SETS)
P	(2)3	#350 MCM	#1	3"(2 SETS)
P1	(2)4	#350 MCM	#1	3"(2 SETS)
R	(2)3	#500 MCM	#1/0	4"(2 SETS)
R1	(2)4	#500 MCM	#1/0	4"(2 SETS)
S	(3)3	#350 MCM	#2/0	3"(3 SETS)
S1	(3)4	#350 MCM	#2/0	3"(3 SETS)
T	(3)3	#500 MCM	#3/0	4"(3 SETS)
T1	(3)4	#500 MCM	#3/0	4"(3 SETS)
U	(2)3	#600 MCM	#3/0	4"(2 SETS)
U1	(2)4	#600 MCM	#3/0	4"(2 SETS)
V	(3)3	#600 MCM	#4/0	4"(3 SETS)
V1	(3)4	#600 MCM	#4/0	4"(3 SETS)
W1	(4)4	#600 MCM	#4/0	4"(4 SETS)
Y1	(5)4	#600 MCM	250 MCM	4"(5 SETS)
XX	SEE DRY TRANSFORMER SCHEDULE			

DRY TRANSFORMER SCHEDULE – 480Δ : 208Y/120 VOLT

	PRIMARY SIDE 480 VOLTS Δ				SECONDARY SIDE 208/120 VOLTS WYE			SERVICE GROUND CONDUCTOR (NOTE#1)
ITEM	KVA	FULL LOAD	C.B. (150%MIN.)	WIRING THWN/THHN	FULL LOAD	C.B. (125% MAX.)	WIRING THWN/THHN	GREEN THHN IN 3/4"c.
1	9	10.8	20A.	3–#12, #12 GRD., 3/4"C.	25	30A.	4–#10, #10 GRD., 3/4"C.	#8
2	15	18.0	30A.	3–#10, #10 GRD., 3/4"C.	41.7	50A.	4–#8, #8 GRD., 1"C.	#8
3	30	36.1	60A.	3–#6, #10 GRD., 1"C.	83.3	100A.	4–#3, #8 GRD., 1–1/4"C.	#6
4	45	54.2	100A.	3–#3, #8 GRD., 1–1/4"C.	125.0	150A.	4–#1/0, #6 GRD., 2"C.	#6
5	75	90.4	150A.	3–#1/0, #6 GRD., 1–1/2"C.	208.4	250A.	4–#250, #2 GRD., 2–1/2"C.	#2
6	112.5	135.5	200A.	3–#3/0, #6 GRD., 2"C.	312.5	400A.	4–#600 MCM, #1/0 GRD., 4"C.	#1/0
7	150	180.7	300A.	3–#300 MCM, #4 GRD., 3"C.	416.7	600A.	(2) 4–#350 MCM, #2/0 GRD., 2–3"C.	#2/0
8	225	271.1	400A.	3–#500 MCM, #3 GRD., 3–1/2"C.	625.0	800A.	(2) 4–#600 MCM, #3/0 GRD., 4"C.	#3/0

NOTES: 1. TRANSFORMER "Xo" SHALL BE BONDED WITH SECONDARY NEUTRAL CONDUCTOR, AND FEEDER GROUND CONDUCTOR TO: a) BUILDING STEEL, b) COLD WATER PIPE, AND c) 5/8"X10'–0" COPPER CLAD GROUND ROD ON BUILDING MAIN SERVICE ENTRANCE GROUND.



SPECIFIC NOTES

1. ROUTE 3–4" CONDUITS FROM JUNCTION BOX TO ENTERGY POLE. ROUTE UP POLE PER ENTERGY STANDARDS.
2. PROVIDE A 36" X 36" X 12" DEEP, NEMA 3R JUNCTION BOX FOR ENTERGY TO TERMINATE THEIR INCOMING CABLES. VERIFY EXACT JUNCTION BOX SIZE AND REQUIREMENTS WITH ENTERGY BEFORE ORDERING.
3. PROVIDE A 54" X 36" X 14" DEEP, NEMA 3R JUNCTION BOX FOR ENTERGY TO FOR ENTERGY CURRENT TRANSFORMERS. VERIFY EXACT JUNCTION BOX SIZE AND REQUIREMENTS WITH ENTERGY BEFORE ORDERING.
4. PROVIDE A 600 AMP, 3 POLE, NEMA 3R, 600 VOLT FUSED DISCONNECT SWITCH TO SERVE AS THE BUILDING MAIN DISCONNECT. INCLUDE A NEUTRAL ASSEMBLY AND GROUND BUS KIT.
5. SEE GROUND BUS BAR DETAIL ON SHEET E301 FOR MORE INFORMATION.
6. PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE PANELBOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 240 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
7. PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE PANELBOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 120 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
8. PROVIDE A 25 AMP, 3 POLE, SHUNT TRIP ENCLOSED C/B AT ELEVATOR. COORDINATE SHUNT TRIPPING OF UNIT WITH FIRE ALARM SYSTEM.
9. PROVIDE METER PAN FOR MAIN SERVICE PER ENTERGY STANDARDS.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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REGISTERED PROFESSIONAL ENGINEER
Richard E. Nichols
ELECTRICAL ENGINEER

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BID DOCUMENTS

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New Daycare, Education, and Counseling Building
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Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

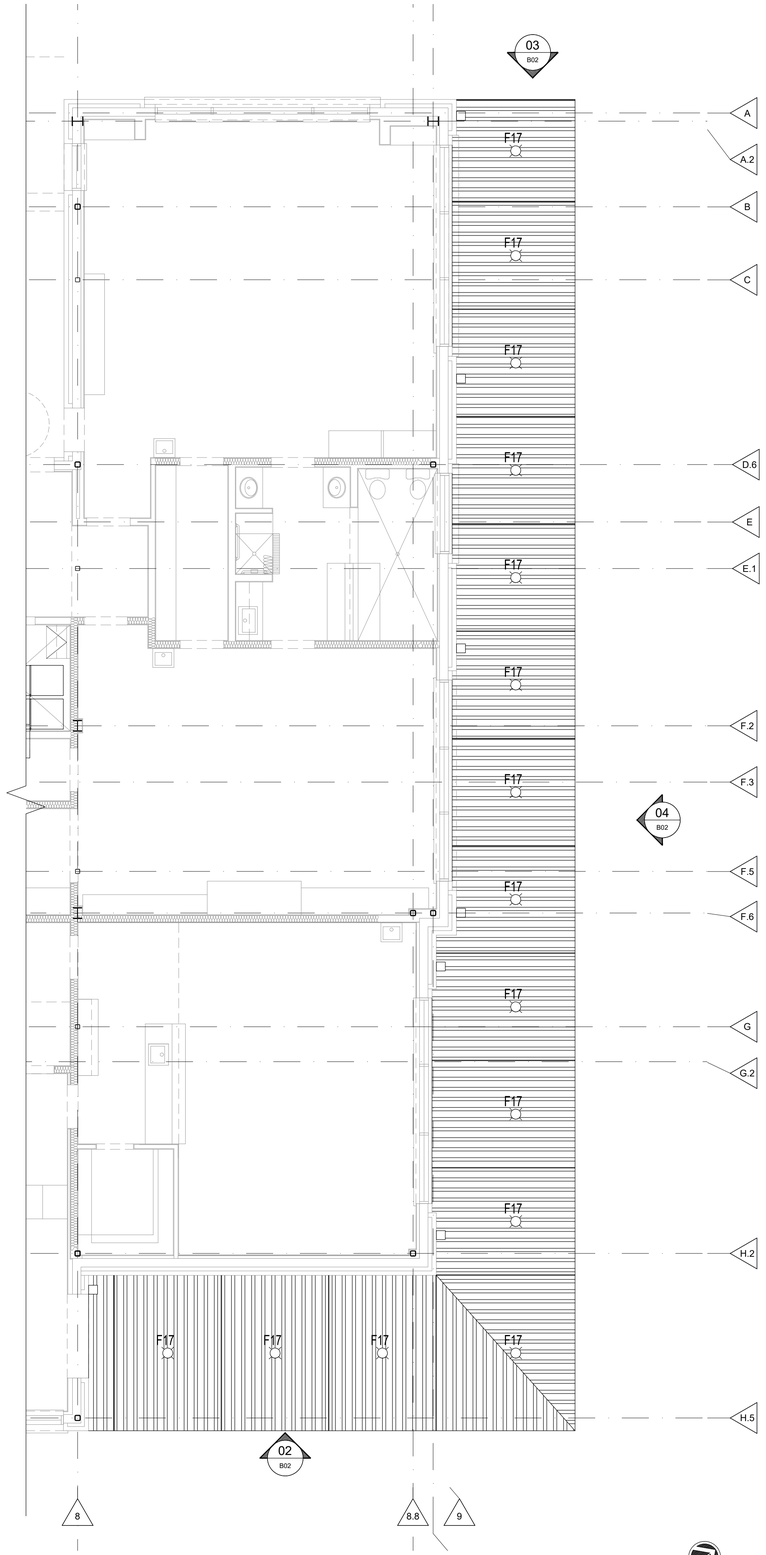
Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical One-Line Diagrams

Sheet
E501

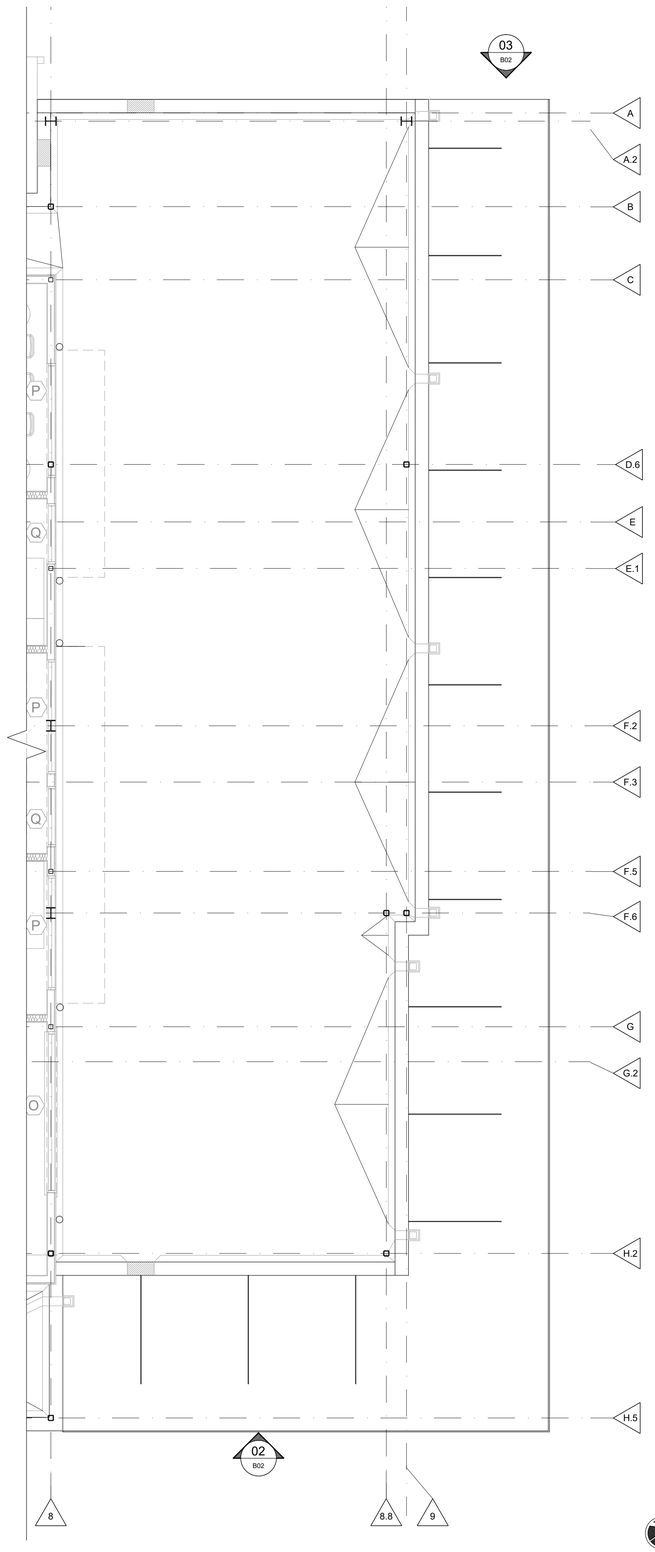
SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E501_ELEC ONE-LINE
qnguyen



02 B01 Canopy Reflected Ceiling Plan

TRUE NORTH PLAN NORTH

SCALE: 3/16" = 1'-0"



01 B01 Canopy Roof Plan

TRUE NORTH PLAN NORTH

SCALE: 3/16" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.00 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.01 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN FOR RELATIONSHIP TO ROOM. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND EQUIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TVs) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

BID SET - 2023

YWCA Greater New Orleans

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Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

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Address 2

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Issue Date

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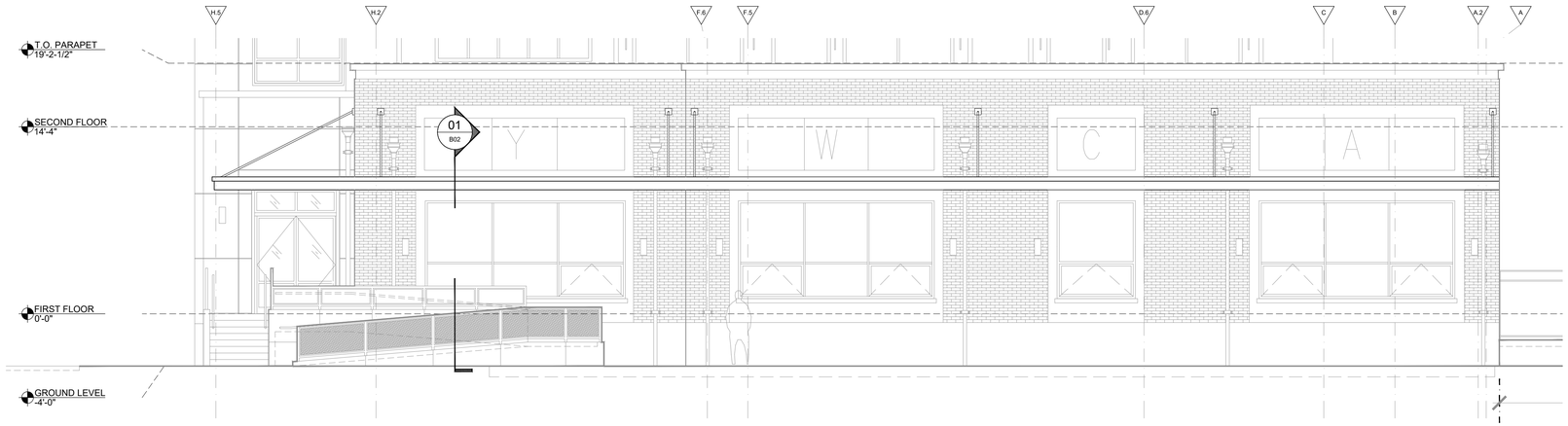
Title

Bree eway Canopy Descriptive Plan

Sheet

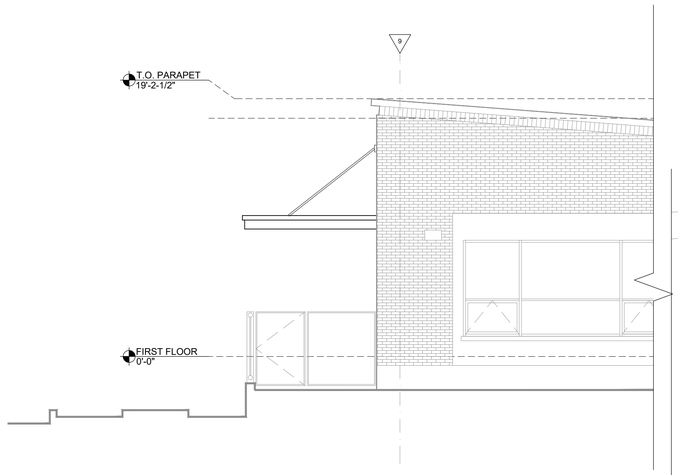
B01



04 B02 Side Elevation (Partial/Daycare Wing)

FACING D'HEMECOURT

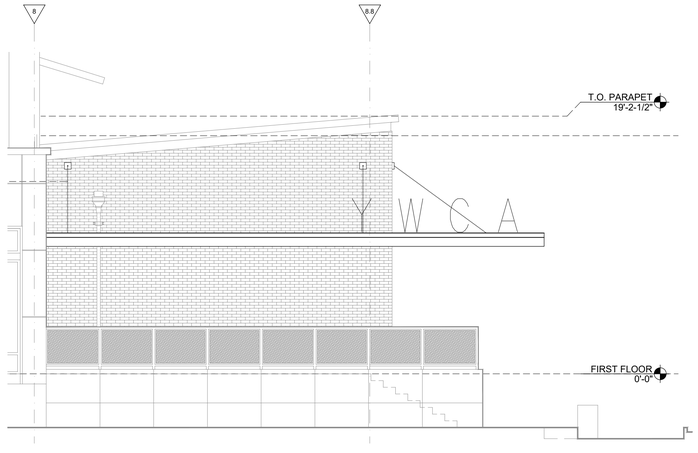
SCALE: 3/16" = 1'-0"



03 B02 Side Elevation (Partial)

FACING D'HEMECOURT

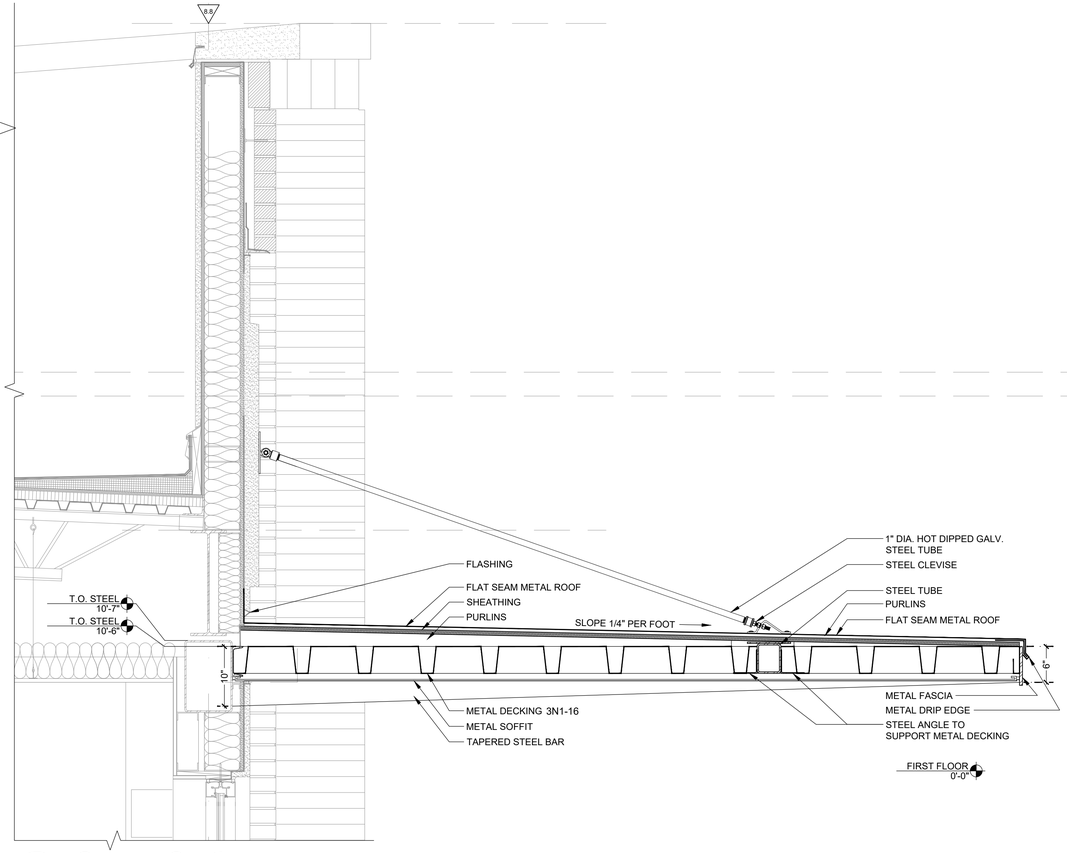
SCALE: 3/16" = 1'-0"



02 B02 Side Elevation (Partial)

JEFF DAVIS ELEVATION

SCALE: 3/16" = 1'-0"



01 B02 Canopy Section

SCALE: 1" = 1'-0"

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Title

Exterior Elevations

Sheet

B02

YWCA FACILITY

New Daycare, Education and Counseling Building

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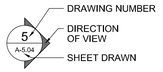
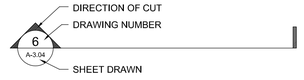
emily@smm.studio

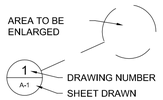
Architectural Symbols



ELEVATION REF.



SECTION REFERENCE



DETAIL REF.

PROPERTY LINE

Zoning Classification:
Commercial C-2

Building Areas:

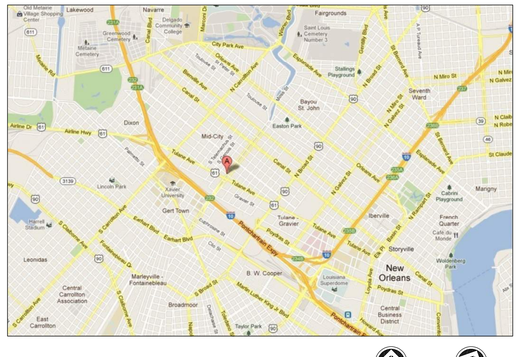
1st Floor Conditioned Space:	10,175 sf
2nd Floor Conditioned Space:	6,057 sf
Gross Total Conditioned Spaces:	16,232 sf
Outdoor Covered Spaces:	735 sf
Gross Total Under Roof:	16,967 sf
Outdoor Storages:	493 sf

Construction Type:
New Construction IIB as per IBC 2018 edition, NFPA 101
and ADA/ABA Guidelines 2010 Standard

Occupancy Type:
Mixed Occupancy
Primary Occupancy: Educational, Business
Secondary Occupancy: Assembly

Fire Protection:
All buildings to be fully sprinklered
in accordance with NFPA 13 (latest edition)

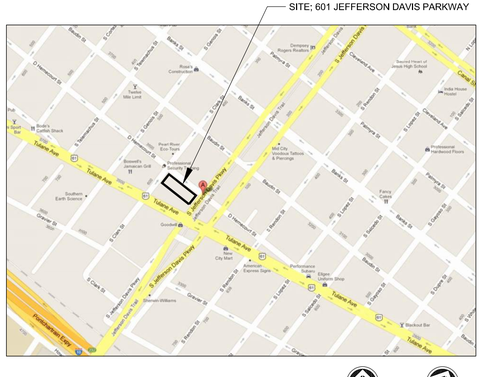
Flood Design:
AE Flood Zone



1 Vicinity Map - Macro
A-0.00 | A-0.00

TRUE NORTH PLAN NORTH

NOT TO SCALE



2 Location Map - Micro
A-0.00 | A-0.00

TRUE NORTH PLAN NORTH

NOT TO SCALE

Index of Sheets

NO.	DESCRIPTION	ISSUE	REV
ARCHITECTURAL			
A-0.00	Title Sheet & Index		
A-0.01	Code Analysis & Occupancy Plans		
A-0.02	Code Analysis & Occupancy Plans		
A-0.03	ADA and Device Mounting Heights		
A-0.04	ADAAG Details Mounting Heights		
A-0.05	Site Survey		
A-0.06	Base Bid and Alternates		
A-1.00	Demolition Plan		
A-1.01	Site Plan		
A-1.02A	Enlarged Site Plan Alternate #1		
A-1.02B	Enlarged Site Plan Alternate #1		
A-1.02C	Ramp, Stair, Storage & Exterior Details Alternate #1		
A-2.01.0	First Floor - Slab Plan		
A-2.01.1	First Floor - Perimeter Conditions		
A-2.01A	First Floor - Descriptive Plan		
A-2.01B	First Floor - Dimension Plan		
A-2.01C	First Floor - Reflected Ceiling Plan		
A-2.02.0	Second Floor - Slab Plan		
A-2.02A	Second Floor - Descriptive Plan		
A-2.02B	Second Floor - Dimension Plan		
A-2.02C	Second Floor - Reflected Ceiling Plan		
A-2.03A	Roof Plan		
A-2.03B	Roof Details		
A-2.03C	Roof Details		
A-3.01A	Door/Window Types & Schedules		
A-3.01B	Window Types and Head, Jamb & Sill Details		
A-3.02	Door/Window Details		
A-3.03	Door/Window Details		
A-3.04	Door/Window Details		
A-3.10A	Finish Schedule		
A-3.11	Partition Types		
A-3.12	Partition Types		
A-4.01	Exterior Elevations		
A-4.02	Exterior Elevations		
A-4.03	Building Sections		
A-4.04A	Vertical Circulation - Enlarged Plans & Sections		
A-4.04B	Vertical Circulation - Enlarged Plans & Sections		
A-4.04C	Vertical Circulation - Details		
A-4.05	Partial Building Section		
A-4.06	Metal Awning Details		
A-5.01	Wall Sections		
A-5.02	Wall Sections		
A-5.03	Wall Sections		
A-5.04	Wall Sections		
A-6.01	Enlarged Floor Plans & Interior Elevations - Kitchen		
A-6.02A	Enlarged Floor Plans & Interior Elevations - Bathrooms		
A-6.02B	Interior Elevations - Daycare		
A-6.02C	Interior Elevations - Daycare		
A-6.02D	Interior Elevations - Entry & Training		
A-6.03A	Enlarged Floor Plans & Interior Elevations - Second Floor		
A-6.50	Interior Details		
A-6.51	Interior Details		
LANDSCAPE			
L1.00	Existing Site and Drainage Plan		
L1.01	Erosion Control Plan		
L1.02	Erosion Control Details		
L2.00	Proposed Site and Drainage Plan		
L2.01	Green Infrastructure Details		
L3.00	Proposed Landscape Plan		
L3.01	Grading Plan		
L3.02	Planting Plan		
L3.03	Plant Schedule		
L3.04	Site Details		

NO.	DESCRIPTION	ISSUE	REV
CIVIL			
C-0.0	Civil Construction Notes		
C-1.0	Geometric Plan		
C-2.0	Utility Plan		
C-3.0	Paving Plan		
C-4.0	Parking Details		
C-5.0	Paving Details		
C-5.1	Driveway Details		
C-6.0	Sewer Details		
C-7.0	Water Details		
C-8.0	Water Notes		
C-8.1	Sewer Notes		
STRUCTURAL			
S1.0A	General Notes		
S1.0B	General Notes		
S1.0C	General Notes		
S1.1	Pile Plan		
S1.2	Slab Plan		
S1.3	Foundation Plan		
S1.4	Foundation Sections		
S1.5	Foundation Sections		
S1.6	Foundation Sections		
S1.7	Foundation Sections and Detail		
S1.8	Foundation Sections and Details		
S1.9	Pile Cap Details		
S2.0	Second Floor / Low Roof Framing Plan		
S2.1	Roof Framing Plan		
S2.2 ALT.	Canopy Framing Plan and Section		
S2.2	High Roof, Elevator Roof, and Awning Framing Plans		
S2.3	Framing Sections		
S2.4	Framing Sections		
S2.5	Framing Sections and Details		
S2.6	Framing Details		
S2.7	Framing Details		
S2.8	Framing Details		
S3.0	Storage Pile Foundation Plans & Section		
KITCHEN			
FS-1	Kitchen		
MECHANICAL			
M001	Mechanical Legend and Notes		
M111	Mechanical Plan First Floor		
M121	Mechanical Plan Second Floor		
M131	Mechanical Roof Plan		
M201	Mechanical Details		
M202	Mechanical Details		
M301	Mechanical Schedules		
PLUMBING			
P001	Plumbing/Sprinkler Legend and Notes		
P111	Plumbing Plan First Floor		
ALT 2	Plumbing Plan First and Second Floor		
P112	Plumbing Domestic First Floor		
ALT 2	Plumbing Domestic First Floor		
P113	Sprinkler Plan First Floor		
P121	Plumbing Plan Second Floor		
P122	Sprinkler Plan Second Floor		
P201	Plumbing Details		
P202	Plumbing Details		
P203	Plumbing Risers		
ELECTRICAL			
E001	Electrical Legend & Notes		
E101	Electrical Site Plan Overall and Enlarged Entry		
E111	Lighting Plan First Floor		
E112	Power Plan First Floor		
E113	Mechanical Power Plan First Floor		
E114	Special Systems Plan First Floor		
E121	Lighting Plan Second Floor		
E122	Power Plan Second Floor		
E123	Mechanical Power Plan Second Floor		
E124	Special Systems Plan Second Floor		
E131	Electrical Roof Plan		
E301	Electrical Details		
E302	Electrical Details		
E303	Electrical Details		
E401	Electrical Schedules		
E402	Electrical Schedules		
E403	Electrical Fixture Schedule		
E501	Electrical One-Line Diagrams		
Exterior Canopy			
B01	Breezeway Canopy Descriptive Plan		
B02	Exterior Elevations		

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Title
Title Sheet & Index

Sheet
A-0.00

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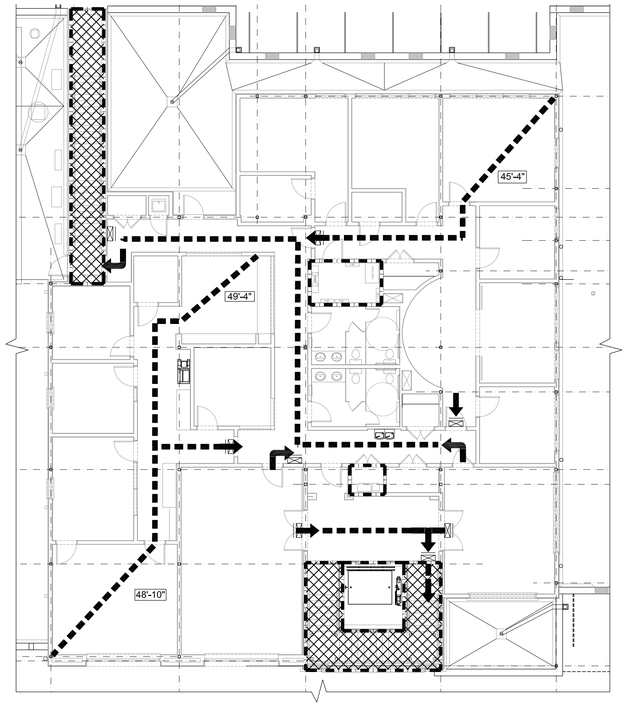
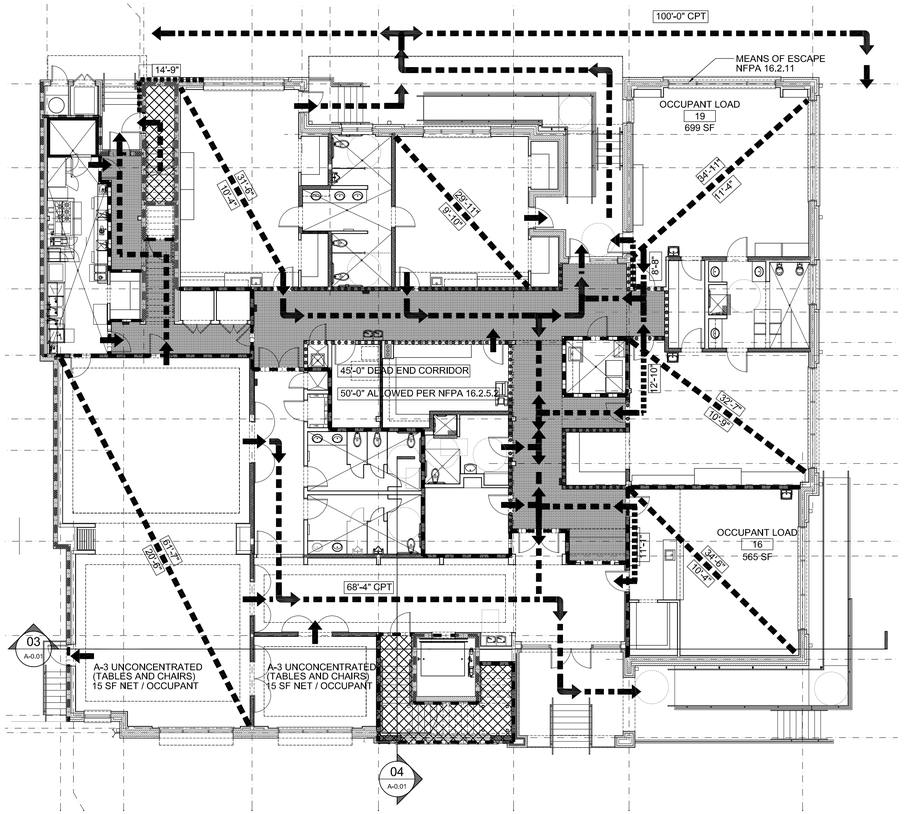


2 Second Floor Plan: Path of Travel

A-0.01 SCALE: 3/32" = 1'-0"



1 First Floor Plan: Path of Travel

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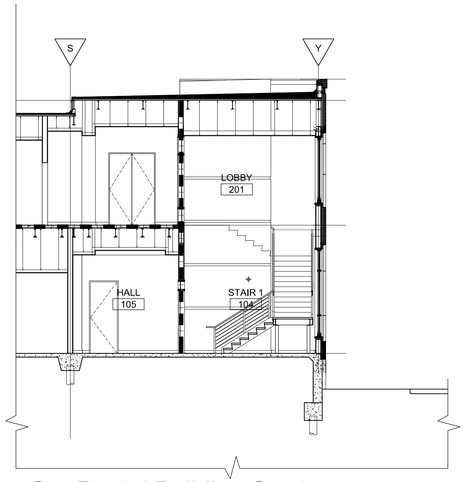
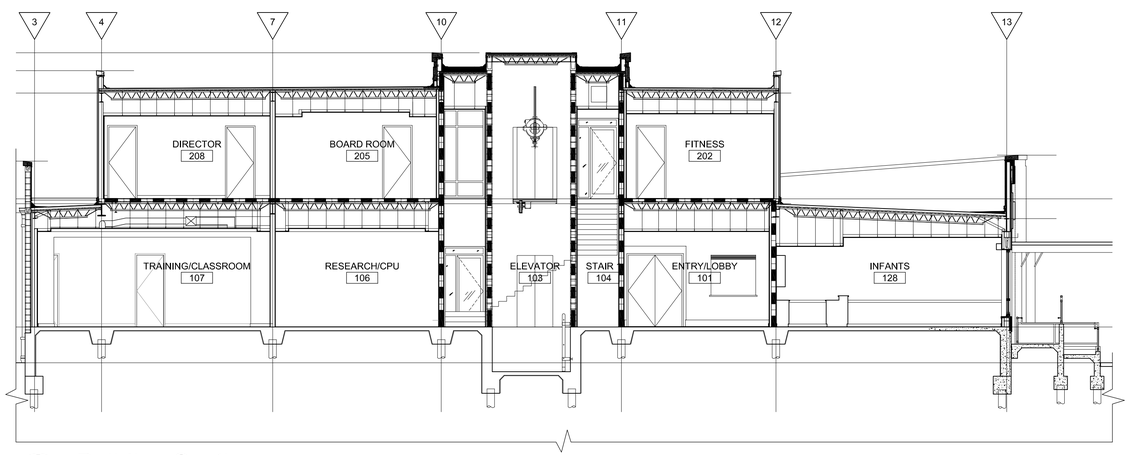


4 Partial Building Section

A-0.01 SCALE: 1/8" = 1'-0"



3 Building Section

A-0.01 SCALE: 1/8" = 1'-0"

ROOM	OCCUPANCY	CLASSROOM SQUARE FOOTAGE
INFANTS	9	429*
TODDLERS 1	15	536
TODDLERS 2	19	673
PRESCHOOL 1	12	444
PRESCHOOL 2	14	517
TOTAL	74	2,599

SQUARE FOOTAGE

FIRST FLOOR : 9822 SQ. FT.
SECOND FLOOR : 5786 SQ. FT.

GROSS TOTAL: 15608 SQ. FT.

EXTERIOR WALL - 1 HR. RATING FOR LESS THAN 5' SEPARATION FROM TULANE SIDE./ PER IBC - TABLE 602 OF NEIGHBORING BLDG. 1ST FLOOR WALL

CODE ANALYSIS

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE 2015
- INTERNATIONAL MECH. CODE 2015
- NFPA 101 LIFE SAFETY CODE
- NFPA 10 FIRE EXTINGUISHERS
- NFPA 13 SPRINKLER SYSTEM
- NFPA 70 NATIONAL ELECTRICAL CODE
- NFPA 72 FIRE ALARM SYSTEM
- NFPA 96 HOOD AND EXHAUST SYSTEMS IN COMMERCIAL KITCHENS

DAYCARE OCCUPANCY

SFM - SINGLE EXIT ACCEPTABLE UNDER SFM INTERPRETIVE MEMORANDUM 2009-2 WITH CERTAIN STIPULATIONS:
1. NO MORE THAN 50 PERSONS
2. DOOR DIRECTLY TO OUTSIDE OR EXTERIOR WAY OF EXIST ACCESS
3. COMMON PATH IS NOT INCREASED PER REQUIREMENTS.
NFPA 16.2.5.3.1
NFPA 16.2.5.3.2
IBC - TABLE 1006.3.2(2) - ONE EXIT PERMITTED UNDER 49 OCCUPANTS.

CORRIDORS TABLE 1020.1 (IBC)
E - FIRE - RESISTANCE NOT REQUIRED W/ SPRINKLER SYSTEM.
B - FIRE - RESISTANCE NOT REQUIRED W/ SPRINKLER SYSTEM.
(NOT REQUIRED FOR NFPA 38.3.6.1 (3)

NFPA 16.3.6

CORRIDORS
DAYCARE - EXCEPTION 2 - IN BUILDINGS PROTECTED THROUGHOUT WITH AN APPROVED, SUPERVISED, AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE W/ SECTION 9.7, CORRIDOR WALLS FORM SMOKE PARTITIONS IN ACCORDANCE W/ SECTION 9.7.
EXCEPTION 5 - LAVATORIES SHALL NOT BE REQUIRED TO BE SEPARATED FROM CORRIDORS PROVIDED THAT THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED, AUTOMATIC SPRINKLER SYSTEMS IN ACCORDANCE WITH SECTION 9.7.
THE WALLS SEPARATING THE LAVATORY FROM OTHER ROOMS FORM SMOKE PARTITIONS IN ACCORDANCE WITH 8.4

NFPA 16.3. PROTECTION
16.3.1 PROTECTION OF VERTICAL OPENINGS- ANY VERTICAL OPENING OTHER THAN UNPROTECTED VERTICAL OPENINGS IN ACCORDANCE WITH 8.6.9.1, SHALL BE ENCLOSED OR PROTECTED IN ACCORDANCE WITH SECTION 8.6

*NFPA CHAPTER 12 FOR ASSEMBLY, DAYCARE AND CHAPTER 38 FOR BUSINESS OCCUPANCIES APPLY.

ZONING MU-1 MEDIUM INTENSITY MIXED- USE DISTRIC

CONSTRUCTION TYPE - IIB (TABLE 506.2)

	ALLOWABLE	ACTUAL
E	43,500 / 2 STORIES	5,616 / 1 STORY
A-2	28,500 / 2 STORIES	
B -	69,000 / 2 STORIES	

IBC TABLE 508.4
SEPARATED OCCUPANCIES

BETWEEN ASSEMBLY AND EDUCATIONAL -	NOT REQUIRED
BETWEEN BUSINESS AND ASSEMBLY -	1 HR.
BETWEEN EDUCATIONAL AND BUSINESS -	1 HR.

FIRE ALARM / SMOKE ALARM SYSTEMS

- IBC CHAP. 907; NFPA 101 SECTION 9.6
- NFPA 38.3.4; A FIRE ALARM IN ACCORDANCE WITH NFPA SECTION 9.6 SHALL BE PROVIDED WHEN REQUIRED.

PORTABLE FIRE EXTINGUISHERS

- IBC 906.1; PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED IN OCCUPANCIES AND LOCATIONS REQUIRED BY THE INTERNATIONAL FIRE CODE.
- NFPA 101, 9.9; PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN BUSINESSES, KITCHENS AND KITCHEN; LOCATIONS PER NFPA 10

LEGEND

- SMOKE PARTITION
- 1 HOUR RATED
- SMOKE PROTECTED
- PATH OF EGRESS
- EXIT STAIRWAY
- 19 OCCUPANCY PER ROOM

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PHILA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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Code Analysis & Occupancy Plans

Sheet
A-0.01

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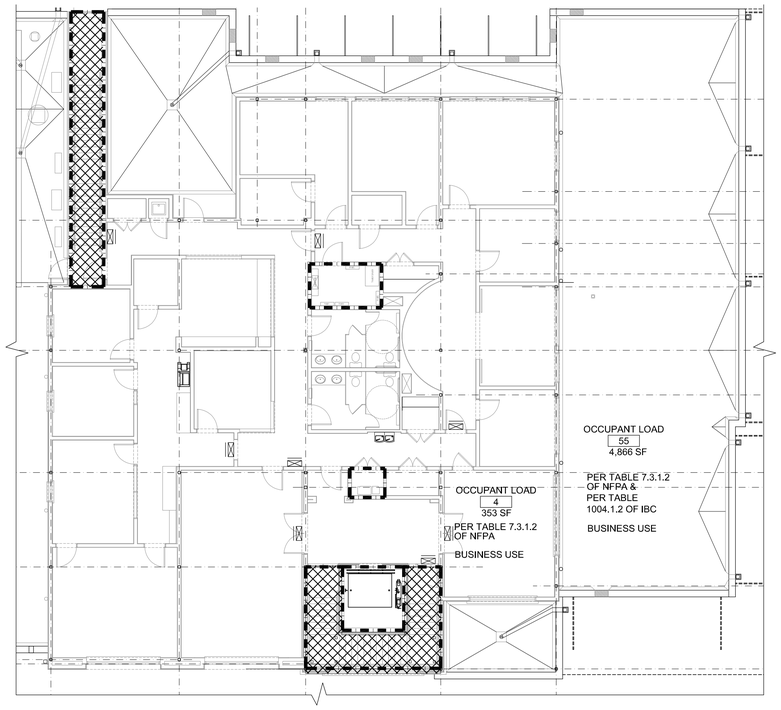
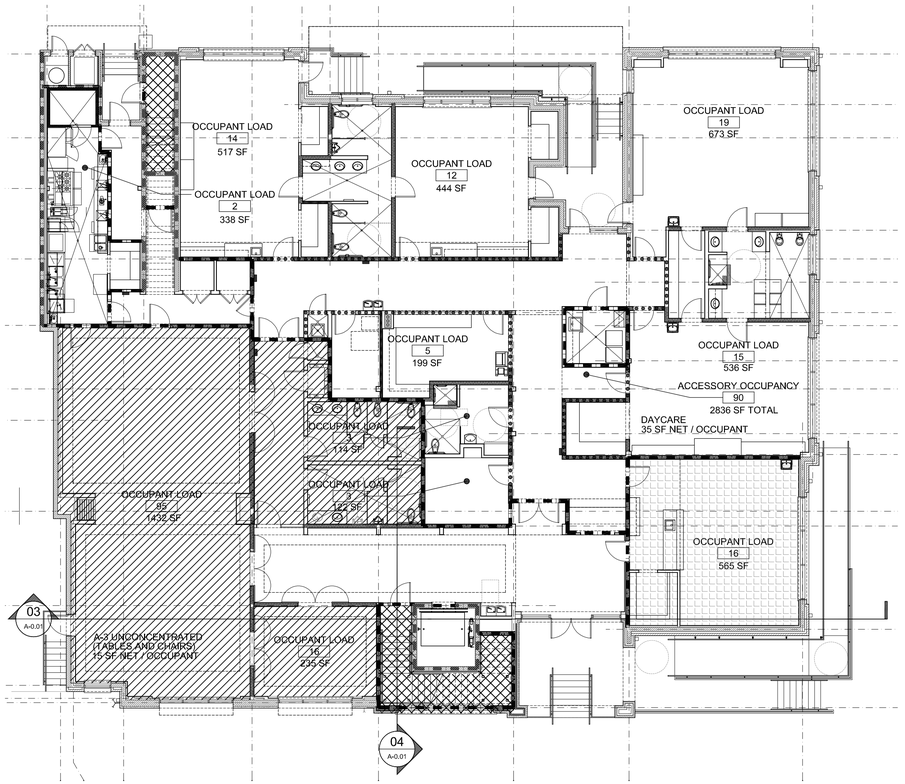


2 Second Floor Occupancy Plan

A-0.02

SCALE: 3/32" = 1'-0"



1 First Floor Occupancy

A-0.02

SCALE: 3/32" = 1'-0"

LEGEND

- SMOKE PARTITION
- 1 HOUR RATED
- SMOKE PROTECTED
- PATH OF EGRESS
- EXIT STAIRWAY
- 19 OCCUPANCY PER ROOM
- ASSEMBLY OCCUPANCY
- DAYCARE OCCUPANCY

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas St. | New Orleans, Louisiana 70130 | T (504) 523.2772 | www.trapolinpeer.com

Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

Code Analysis
& Occupancy Plans

Sheet

A-0.02

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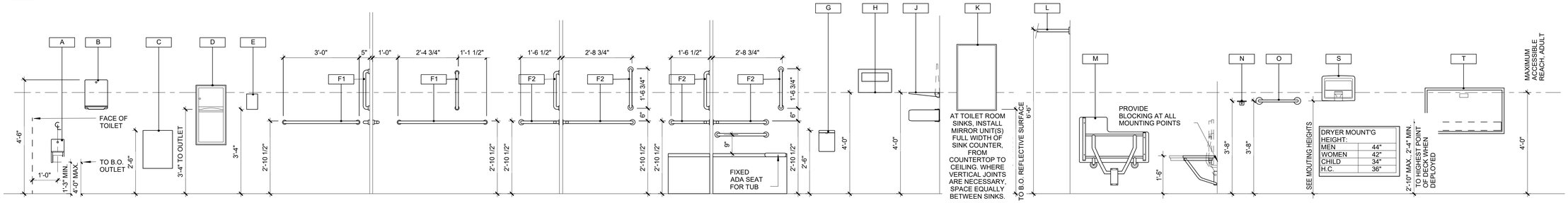
ACCESSORY LEGEND

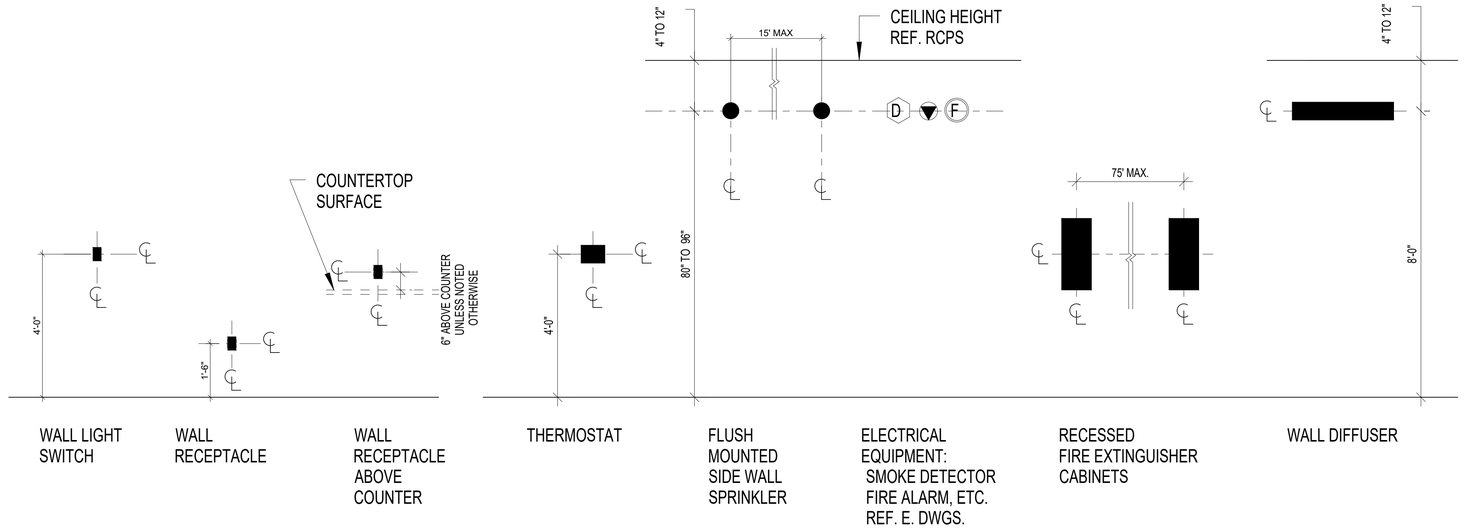
A	TOILET TISSUE DISPENSER	G	SANITARY NAPKIN DISPOSAL UNIT	N	SOAP DISH
B	PAPER TOWEL DISPENSER	H	SEAT-COVER DISPENSER	O	TOWEL BAR
C	WASTE RECEPTACLE	J	FOLD-DOWN PURSE SHELF	R	ROBE HOOK
D	COMBINATION TOWEL DISPENSER/WASTE RECEPTACLE	K	MIRROR UNIT	S	WARM AIR DRYERS
E	LIQUID-SOAP DISPENSER	L	SHOWER CURTAIN ROD	T	DIAPER CHANGING STATION
F1	TOILET COMPARTMENT GRAB BARS	M	FOLDING SHOWER SEAT		
F2	SHOWER GRAB BAR				

ACCESSORY GENERAL NOTES:

1. DIMENSIONS INDICATE AVERAGE MOUNTING HEIGHT FROM FINISHED FLOOR FOR CONDITIONS GENERALLY ENCOUNTERED IN PUBLIC WASHROOMS. MOUNTING HEIGHTS SHALL BE IN COMPLIANCE WITH ADA 2012.
2. THIS SCHEDULE REPRESENTS GENERAL INSTALLATION FOR TYPICAL ACCESSORIES. ACCESSORY APPEARANCE IN THIS SCHEDULE DOES NOT AN INDICATION OF INCLUSION IN THIS PROJECT.
3. REFER TO ACCESSORIES SPECIFICATION FOR ADDITIONAL DESCRIPTION AND DIMENSIONAL INFORMATION.



19 TYPICAL TOILET FIXTURES AND DETAILS
A-6.01 SCALE: 1/2" = 1'-0"



11 TYP. WALL MOUNTING HEIGHT FOR MECHANICAL, ELECTRICAL & MISC. ITEMS
A-6.55 SCALE: 1/4" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

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Project Number	CN 09418
Drawn By	
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07/12/2023

Title

ADA and Device Mounting Heights

Sheet

A-0.03

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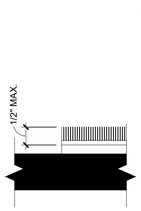


FIG. 302.2 - CARPET ON FLOOR OR GROUND SURFACE

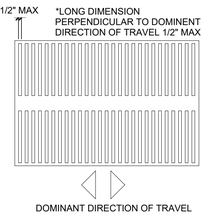


FIG. 302.3 - ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES

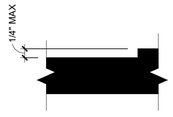


FIG. 303.2 - VERTICAL CHANGE IN LEVEL

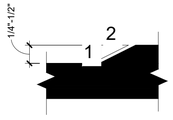


FIG. 303.3 - BEVELLED CHANGE IN LEVEL

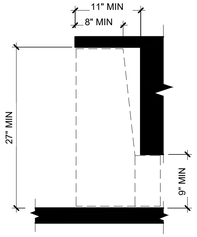


FIG. 306.3 - KNEE CLEARANCE

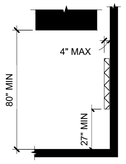


FIG. 307.2 - LIMITS OF PROTRUDING OBJECTS

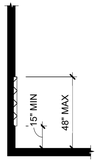


FIG. 308.2.1 - UNOBSTRUCTED FORWARD REACH

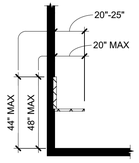


FIG. 308.2.2 - OBSTRUCTED HIGH FORWARD REACH

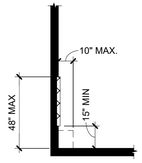


FIG. 308.3.1 - UNOBSTRUCTED SIDE REACH

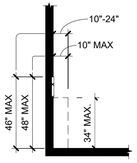


FIG. 308.3.2 - OBSTRUCTED HIGH SIDE REACH

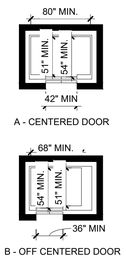
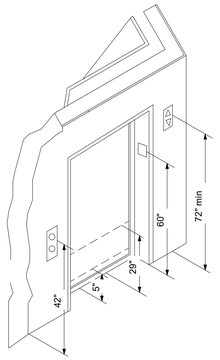
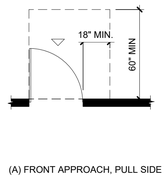


FIG. 407.4.1 - ELEVATOR CAR DIMENSIONS

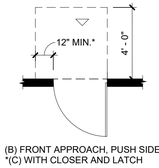


NOTE: THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR B. LINE A AND B REPRESENT THE VERTICAL LOCATIONS OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT

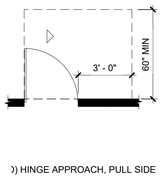
FIG. 407.2.3.1 - FLOOR DESIGNATIONS ON JAMBS OF ELEVATOR HOISTWAY ENTRANCES
FIG. 407.2.2.2 - VISIBLE HALL SIGNALS
FIG. 407.2.3.2 - CAR DESIGNATIONS ON JAMBS OF DESTINATION-ORIENTED ELEVATOR HOISTWAY ENTRANCES



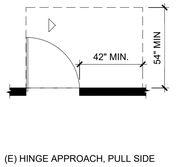
(A) FRONT APPROACH, PULL SIDE



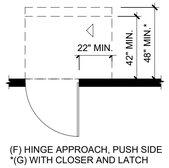
(B) FRONT APPROACH, PUSH SIDE *(C) WITH CLOSER AND LATCH



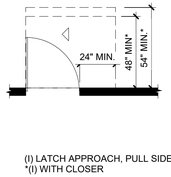
)) HINGE APPROACH, PULL SIDE



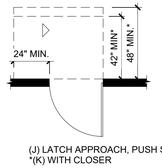
(E) HINGE APPROACH, PULL SIDE



(F) HINGE APPROACH, PUSH SIDE *(G) WITH CLOSER AND LATCH

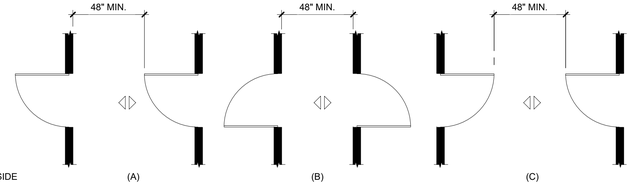


(I) LATCH APPROACH, PULL SIDE *(I) WITH CLOSER



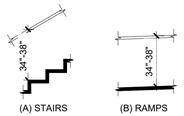
(J) LATCH APPROACH, PUSH SIDE *(K) WITH CLOSER

404.2.4.1 - MANEUVERING CLEARANCE AT SWINGING DOORS



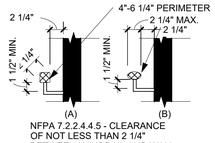
(A) (B) (C)

FIG. 404.2.6 - DOORS AND GATES IN SERIES



(A) STAIRS (B) RAMPS

FIG. 505.4 - HANDRAIL HEIGHT



NFPA 7.2.2.4.4.5 - CLEARANCE OF NOT LESS THAN 2 1/4" BETWEEN HANDRAIL AND WALL

FIG. 505.6/505.7 - HANDRAIL NON-CIRCULAR CROSS SECTION

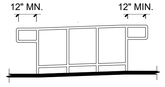
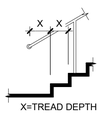


FIG. 505.10.1 - TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS

FIG. 505.10.2 - TOP HANDRAIL EXTENSIONS AT STAIRS



X=TREAD DEPTH

FIG. 505.10.3 - BOTTOM HANDRAIL EXTENSIONS AT STAIRS

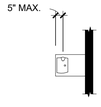


FIG. 602.5 - DRINKING FOUNTAIN SPOUT LOCATION

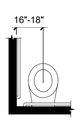


FIG. 604.2 - WATER CLOSET LOCATION

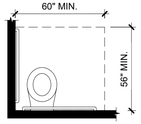


FIG. 604.3.1 - SIZE OF CLEARANCE AT WATER CLOSET

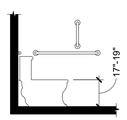


FIG. 604.4 - HEIGHT OF WATER CLOSET

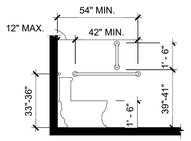


FIG. 604.5.1 - SIDE WALL GRAB BAR FOR WATER CLOSET

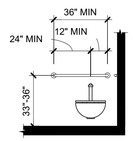
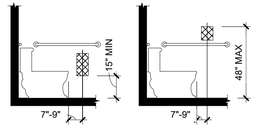
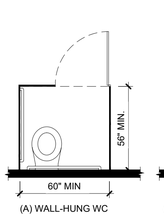


FIG. 604.5.2 - REAR WALL GRAB BAR FOR WATER CLOSET

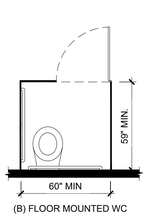


(A) BELOW GRAB BAR (B) ABOVE GRAB BAR

FIG. 604.7 - DISPENSER LOCATION

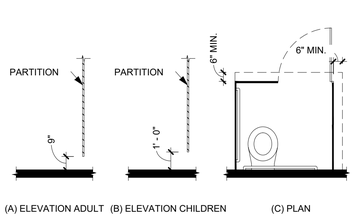


(A) WALL-HUNG WC



(B) FLOOR MOUNTED WC

FIG. 604.8.1.1 - WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS



(A) ELEVATION ADULT (B) ELEVATION CHILDREN (C) PLAN

FIG. 604.8.1.4 - TOILET COMPARTMENTS TOE CLEARANCE

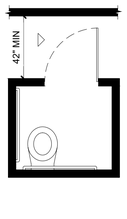


FIG. 604.8.3 - TOILET COMPARTMENTS DOORS

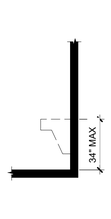
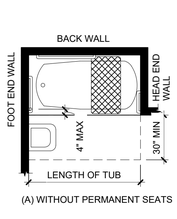
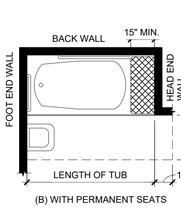


FIG. 606.3 - HEIGHT OF LAVATORIES AND SINKS



(A) WITHOUT PERMANENT SEATS



(B) WITH PERMANENT SEATS

FIG. 607.2 - CLEARANCE FOR BATHTUBS

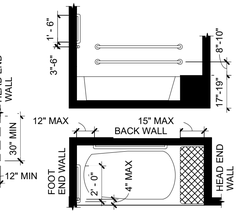


FIG. 607.4.1 - GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS SECTION AND PLAN

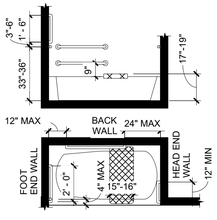


FIG. 607.4.2 - GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEATS SECTION AND PLAN

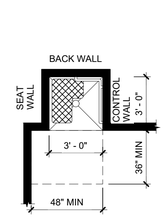


FIG. 608.2.1 - TRANSFER-TYPE SHOWER COMPARTMENT

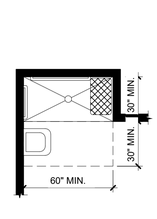


FIG. 608.2.2 - STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT

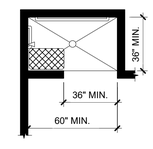


FIG. 608.2.3 - ALTERNATE ROLL-IN-TYPE SHOWER COMPARTMENT

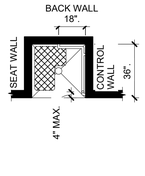
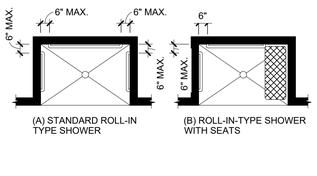


FIG. 608.3.1 - GRAB BARS TRANSFER-TYPE SHOWERS



(A) STANDARD ROLL-IN TYPE SHOWER (B) ROLL-IN-TYPE SHOWER WITH SEATS

FIG. 608.3.2 - GRAB BARS IN ROLL-IN-TYPE SHOWERS
(A) STANDARD ROLL-IN-TYPE SHOWER
(B) ROLL-IN-TYPE SHOWER WITH SEATS

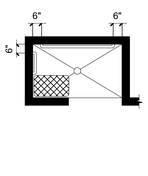


FIG. 608.3.3 - GRAB BARS IN ALTERNATE ROLL-IN-TYPE

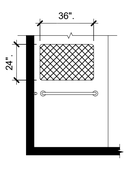
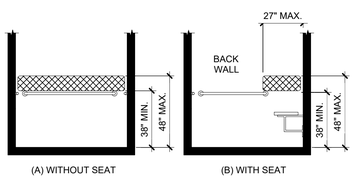
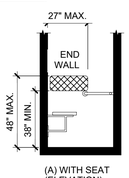


FIG. 608.5.1 - CONTROLS IN TRANSFER-TYPE SHOWERS

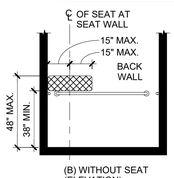


(A) WITHOUT SEAT (B) WITH SEAT

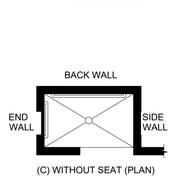
FIG. 608.5.2 - STANDARD ROLL0-IN-TYPE SHOWER CONTROL AND HAND SHOWER LOCATION



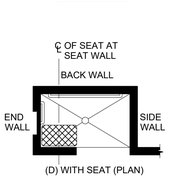
(A) WITH SEAT (ELEVATION)



(B) WITHOUT SEAT (ELEVATION)



(C) WITHOUT SEAT (PLAN)



(D) WITH SEAT (PLAN)

FIG. 608.5.3 - ALTERNATE ROLL-IN-TYPE SHOWER CONTROL AND HAND SHOWER LOCATION

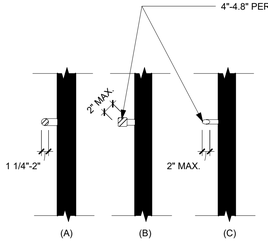


FIG. 609.2 - SIZE OF GRAB BARS (A) CIRCULAR, (B), (C) NON-CIRCULAR

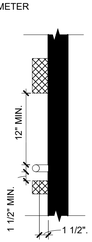
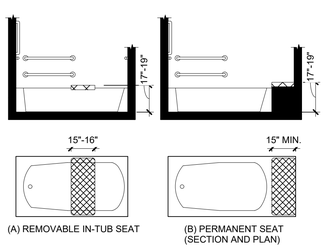


FIG. 609.3 - SPACING OF GRAB BARS



(A) REMOVABLE IN-TUB SEAT (B) PERMANENT SEAT (SECTION AND PLAN)

FIG. 610.2 - BATHTUB SEAT

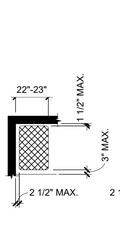


FIG. 610.3.2 - RECTANGULAR SHOWER COMPARTMENT SEAT

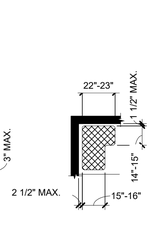


FIG. 610.3.2 - L-SHAPED SHOWER COMPARTMENT SEAT

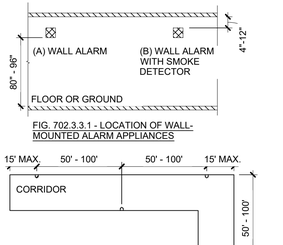


FIG. 702.3.3.1 - LOCATION OF WALL-MOUNTED ALARM APPLIANCES

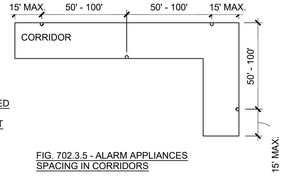


FIG. 702.3.5 - ALARM APPLIANCES SPACING IN CORRIDORS

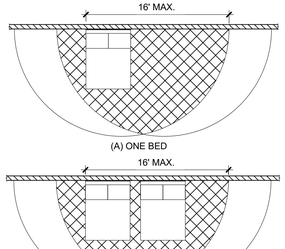


FIG. 702.3.6.2 - ALARM APPLIANCE LOCATION IN SLEEPING ROOMS

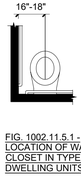
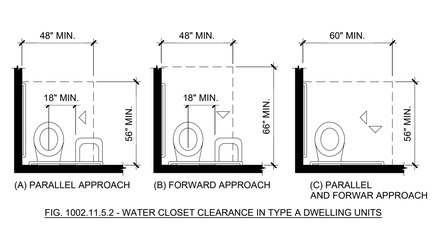


FIG. 1002.11.5.1 - LOCATION OF WATER CLOSET IN TYPE A DWELLING UNITS



(A) PARALLEL APPROACH (B) FORWARD APPROACH (C) PARALLEL AND FORWAR APPROACH

FIG. 1002.11.5.2 - WATER CLOSET CLEARANCE IN TYPE A DWELLING UNITS

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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YWCA of New Orleans
601 South Norman C. Francis Parkway
600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	
Checked By	PMP

Issue Date
07/12/2023

Title
ADAAG Details
Mounting Heights

Sheet
A-0.04

SQUARE 689
FIRST DISTRICT

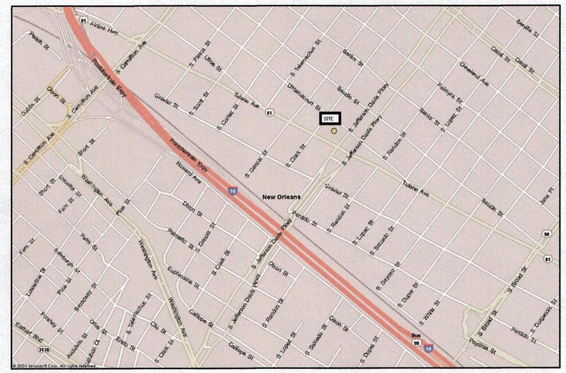
S. CLARK STREET

2" GAS LINE
GAS LINE LOCATION APPROXIMATE
6" WATERLINE
ASPHLT ROADWAY
CONCRETE WALK
CBM 19.50'
53.3.4
86.5.4
123.7.4
79°46'00"
90°02'20"
89°57'40"
6" CHAIN LINK FENCE
STAIR WELL
RAMP
CONCRETE
IRON PICKET FENCE
ROLLING GATE
GATE
STAIR WELL
A/C UNITS
STEPS
ZONE AE
ZONE X
LOT Z-3
NOT A PART OF THIS SURVEY
106.6.7
164.5.4
161.10.1
LOT Z-4
20,007 Sq. Ft.
VACANT
GRAVEL MIXED WITH GRASS
8" SEWER LINE
LOT A
35,442 Sq. Ft.
277.10.1
24" OAK
24" TREE
123.7.4
180.9.1
128.10.0
57.1.5
REMAINDER OF COMMON ALLEY
49
CONCRETE
PORTION OF ALLEY TO BE REVOKED
128.10.0
16.3.1
21" DRAIN LINE
100°14'00"
93°36'20"
0.4.3
LOT W
NOT A PART OF THIS SURVEY
3 STORY BUILDING
100.2.3
101.7.3
LOT Z-2
15,435 Sq. Ft.
VACANT
GRAVEL MIXED WITH GRASS
37.3.0
122.5.6
6" CHAIN LINK FENCE
GRASS
36" OAK
24" OAK
CONCRETE WALK
6" WATERLINE
GRASS
6" VERTICAL CURB
10" DRAIN
24" DRAIN
6" GAS LINE
4" WATERLINE
GAS LINE LOCATION APPROXIMATE
TULANE AVENUE
D'HEMECOURT STREET
ASPHLT ROADWAY
CONCRETE DRIVE
CONCRETE WALK
12" ROLLOVER CURB
6" WATER LINE
6" CHAIN LINK FENCE
S. JEFFERSON DAVIS PKWY.
ASPHLT ROADWAY
NEUTRAL GROUND
6" GAS LINE
GAS LINE LOCATION APPROXIMATE

LEGEND

DRAIN MANHOLE
WATER MANHOLE
SEWER MANHOLE
GAS MANHOLE
UNDERGROUND ELECTRIC & MANHOLE
OVERHEAD ELECTRIC & POLE
OVERHEAD TELEPHONE & POLE
UNDERGROUND TELEPHONE & MANHOLE
CATV BOX
WESTERN UNION MH
CATCH BASIN
OPEN GRATE DRAINS
HYDRANT
PARKING METER
TRAFFIC LIGHT
DRAIN CLEANOUT
SEWER CLEANOUT
WV WATER VALVE
LIGHT STANDARD
WM WATER METER
GV GAS VALVE
SIGN
POWER POLE AND GUY ANCHOR

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.



VICINITY MAP

N
W
E
S

CERTAIN FEATURES I.E. FENCES, WALLS, ETC. MAY BE EXAGGERATED IN SCALE FOR CLARITY. DIMENSIONS SHOW ACTUAL LOCATIONS.

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

THE PERIMETER SURVEY SHALL NOT CONSTITUTE A LEGAL OPINION OF TITLE AND SHALL NOT BE RELIED UPON FOR THAT PURPOSE. THERE IS NO WARRANTY THAT IT CONFORMS TO THE LEGAL TITLE AND WAS MADE SOLELY ACCORDING TO THE INFORMATION PROVIDED THE SURVEYOR.

THIS PROPERTY IS LOCATED IN FLOOD ZONES AE AND X, BASE FLOOD ELEVATIONS –2.0' AND N/A, AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP PANEL NUMBER 22071C0228 F, EFFECTIVE SEPTEMBER 30, 2016.

THE SERVITUDES SHOWN HEREON ARE LIMITED TO THOSE SET FORTH IN THE RECORD DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES ARE REFLECTED OR SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

Louisiana One Call™ before you dig.
1-800-272-3020

PORTION OF ALLEY TO BE REVOKED
2,062 Sq. Ft.

Resubdivision of Lot Z–2, Z–4 and partial revocation of 16–foot alley into Lot A made for Trapolin Architects at request of Gabriel Virdure. New Orleans, LA January 22, 2019

I certify that this plat is a delineation of a survey made on the ground, under my supervision, and meets the requirements of a Class B survey as defined in the "Minimum Standards for Property Boundary Surveys in the State of Louisiana. New Orleans, La. January 22, 2019

Professional Land Surveyor
LA License No. 4698

STATE OF LOUISIANA
WALTER J. STONE
License No. 4698
PROFESSIONAL
LAND SURVEYOR

GANDOLFO KUHN, L.L.C.
PROFESSIONAL LAND SURVEYORS
2329 SEVERN AVE.
METAIRIE, LA. 70001
surveyor@gandolfokuhn.com
504.818.2810

Z:\DRAWINGS\FIRST DISTRICT\SQUARE 689\YWCA RESUBDIVISION JANUARY 2019

682–13; W–45–2

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building
601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

Owner
YWCA of New Orleans
601 South Norman C. Francis Parkway
600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	
Checked By	

Issue Date
07/12/2023

Title
Site Survey

Sheet
A-0.05

THE PROJECT SCOPE WILL BE BROKEN OUT AS FOLLOWS:

BASE BID:

SCOPE OF WORK INCLUDES:

- DAYCARE, COUNSELING, AND EDUCATION BUILDING
- PLAYGROUND STORAGE BUILDING

ALTERNATE #1

SCOPE OF WORK INCLUDES ELEMENTS FOR STORMWATER MANAGEMENT PLAN

- SUBSURFACE DRAINAGE, GRADING, AND EROSION CONTROL

ALTERNATE #2

SCOPE OF WORK INCLUDES:

- LANDSCAPING AND TREE PROTECTION THROUGHOUT THE PROPERTY
- CONSTRUCTION OF THE PARKING LOT (INCLUDING SURFACING) AND FENCING
- CONSTRUCTION OF THE PLAYGROUND SURFACING, FENCING AND TRELLISES
- SIDEWALK RAMPS AND TACTILE WARNINGS THROUGHOUT THE PROPERTY
- BIKE RACKS AND BIKE STORAGE
- FOOD EQUIPMENT
- FOLDING WALL PARTITION @ TRAINING/CLASSROOM 107
- FLOORING UPGRADES
- CLASSROOM & LOUNGE SINKS
- EXTERIOR PATHWAY LIGHTING

ALTERNATE #3

SCOPE OF WORK INCLUDES:

- STREET DROP OFF CANOPY
- STREET DROP OFF CURB CUTS

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REG. NO. 5396
STATE OF LOUISIANA
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Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

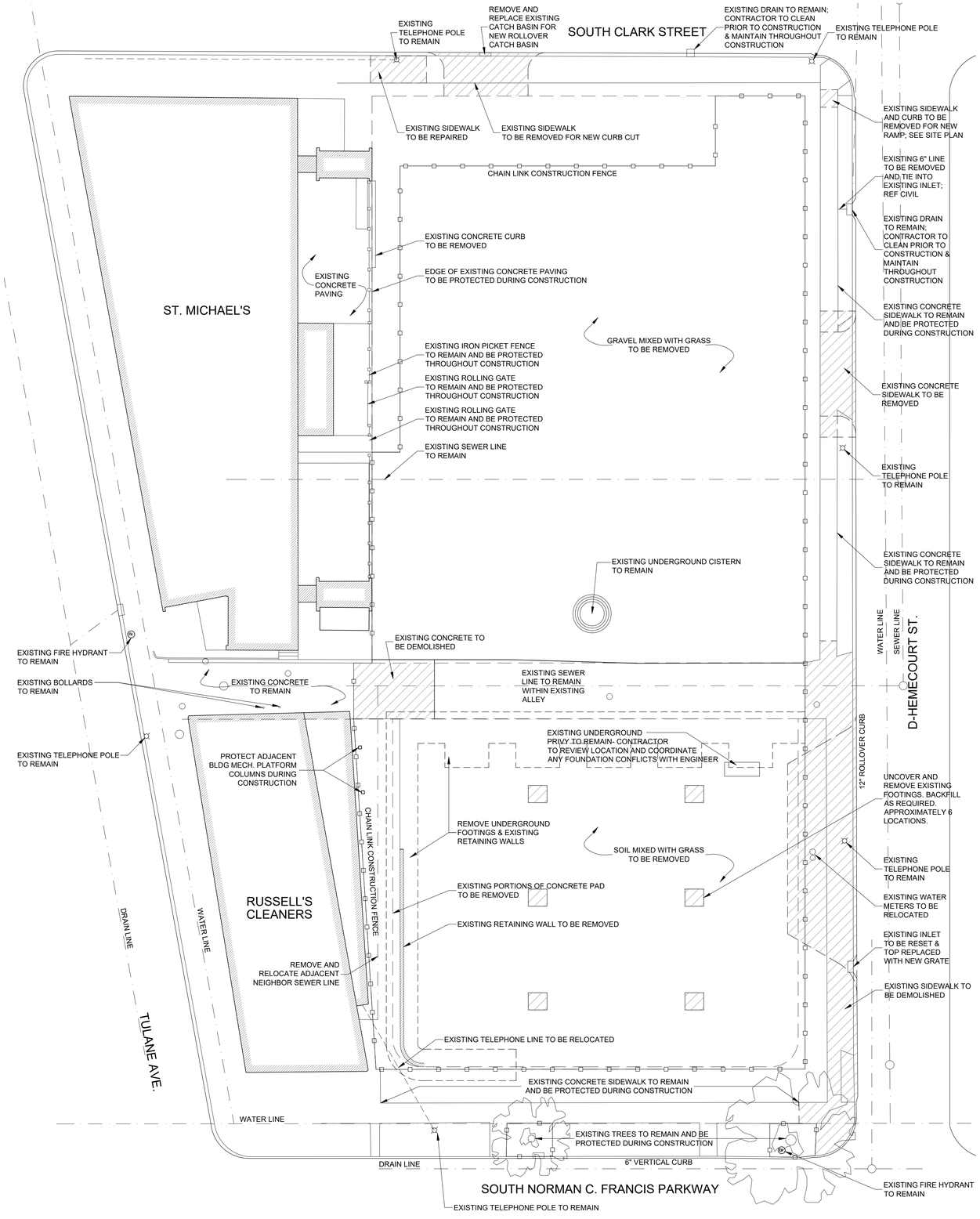
07/12/2023
(RE-ISSUE 11/12/2024)

Title

Base Bid & Alternates
Alernates

Sheet

A-0.06



1 Demolition Plan

A-1.00

SCALE: 1/16"' = 1'-0"

TRUE NORTH

PLAN NORTH

DEMOLITION NOTES

1. ELECTRICAL VAULT TO BE PROTECTED DURING CONSTRUCTION. NEW PANEL TO SET IN NEW SIDEWALK IN COORDINATION AND PRIOR APPROVAL WITH PUBLIC WORKS & ENTERGY.

2. EXISTING MANHOLES TO REMAIN ARE TO BE PROTECTED BEFORE AND DURING DEMOLITION. NEW HOLES TO BE SET INTO SIDEWALKS & DRIVES IN COORDINATION & PRIOR APPROVAL OF PUBLIC WORKS & SEWAGE AND WATER BOARD.

3. CUT AND CAP GAS LINE AT PROPERTY LINE AND REMOVE GAS LINES WITHIN PROPERTY; CONTRACTOR TO CONTACT ENTERGY GAS REGARDING EXACT LOCATION OF GAS LINE CONNECTION AT PROPERTY LINE.

4. AFTER DEMOLITION, CONTRACTOR TO DOCUMENT AND COORDINATE EXISTING FOOTING, CISTERN, PRIVY AND ANY OTHER UNDERGROUND FEATURES NOT DOCUMENTED IN DRAWINGS WITH ENGINEERS TO AVOID FINAL LOCATIONS OF NEW PILINGS AND OTHER UNDERGROUND SITEWORK..

5. DOCUMENT ELEVATIONS AND CONDITION OF EXISTING SEWER LINES AND NOTIFY OF CONFLICT WITH NEW WORK. PROTECT EXISTING SEWER LINES TO REMAIN DURING CONSTRUCTION OF NEW HARDSCAPE.

6. PROTECT TREES AS SPECIFIED IN SECTION 01530. TRIM AS REQUIRED FOR CONSTRUCTION AND FERTILIZE AS REQUIRED BY N.O. PARK AND PARKWAYS. ANY DAMAGED TREES ARE TO BE REPLACES WITH A TREE OF EQUAL TYPE AND SIZE.

7. PROTECT SIDEWALKS TO REMAIN. CONTRACTOR TO REPLACE DAMAGED SIDEWALKS RESULTING FROM CONSTRUCTION AT NO ADDITIONAL COST OF THE OWNER.

8. CM TO NOTIFY ADJACENT NEIGHBORS OF DEMOLITION WORK PRIOR TO BEGINNING OF ANY DEMOLITION AND SUBSEQUENT CONSTRUCTION WORK THAT WILL AFFECT ACCESS AND USE OF NEIGHBORING PROPERTIES.

9. CONTRACTOR TO INVESTIGATE LOCATION OF SEWER LINES IN CLOSE PROXIMITY OF TREES TO BE REMOVED PRIOR TO REMOVING TREES. CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION O EXISTING SEWER LINES DURING THE REMOVAL OF TREES AND THROUGHOUT THE DURATION OF CONSTRUCTION.

10. CM TO NOTIFY OWNERS AND NEIGHBORS OF ANY ALTERATIONS OF SEWER AND WATERLINES THAT INTERRUPT SERVICES PRIOR TO BEGINNING ANY WORK.

11. GC TO RELOCATE ADJACENT BUILDING SEWER LINE THAT OCCURS ON THE YWCA PROPERTY WITHIN FOOTPRINT OF THE ADJACENT BUILDING.

12. GC TO INCLUDE VIBRATORY TESTING DURING THE DEMOLITION AND REMOVAL OF UNDERGROUND FOOTINGS AND RETAINING WALL.

13. EXISTING SEWER LINES FROM DEMOLISHED BUILDING ARE TO BE CAPPED AND ABANDONED.

14. GC TO DOCUMENT CATCH BASIN GRILLES AND NOTIFY CITY OF ANY MISSING GRILLES THAT NEED TO BE REPLACED.

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YWCA Greater New Orleans

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CONTRACTOR NAME

Address 1
Address 2

T (area code) number

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023

Title

Demolition Plan

Sheet

A-1.00

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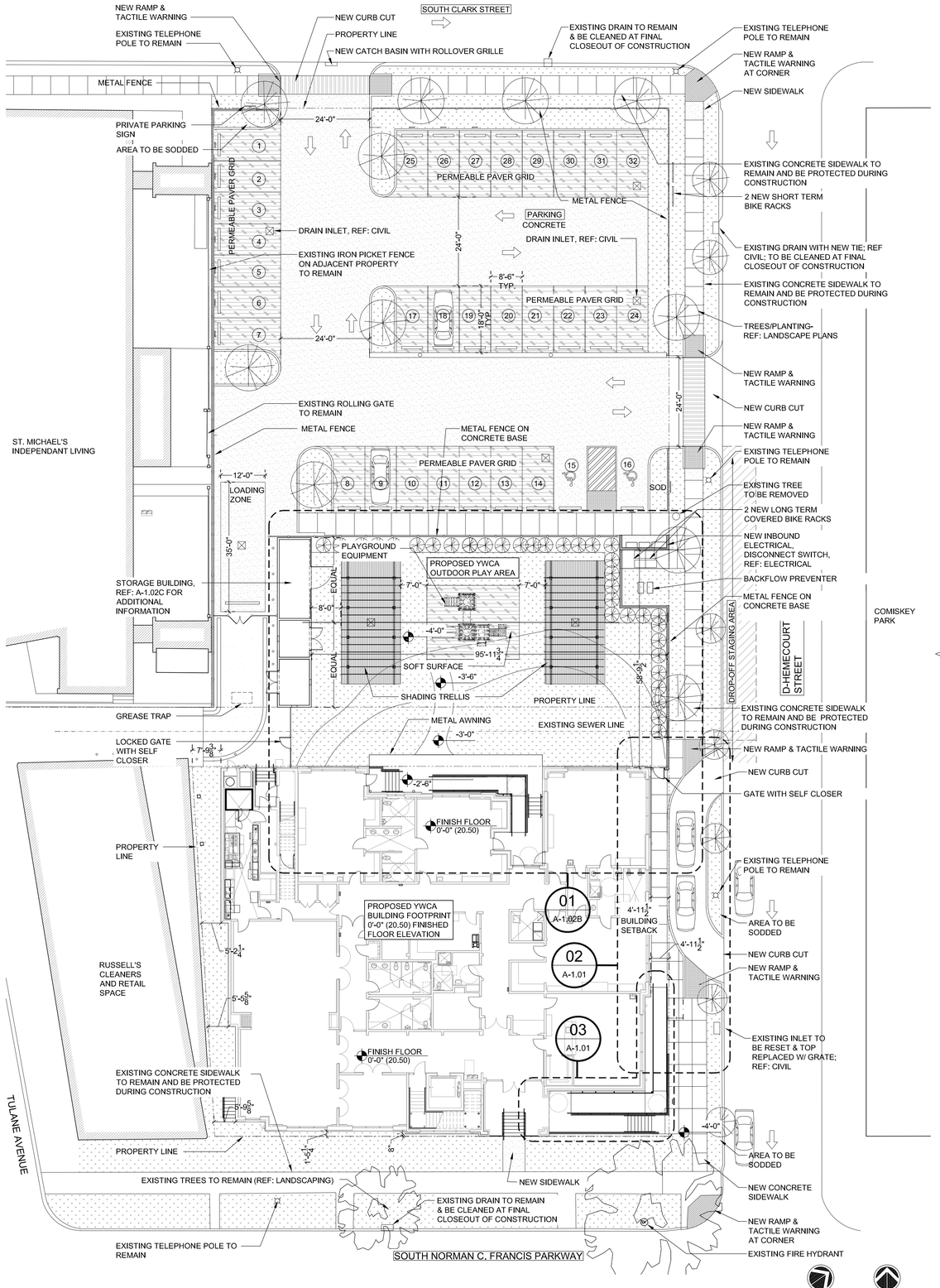
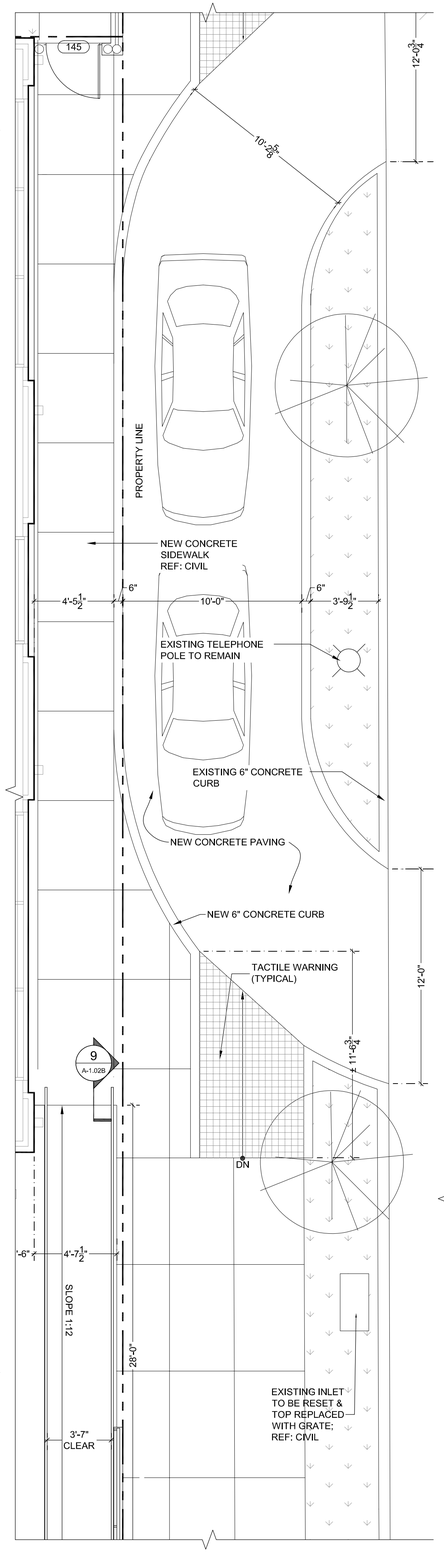
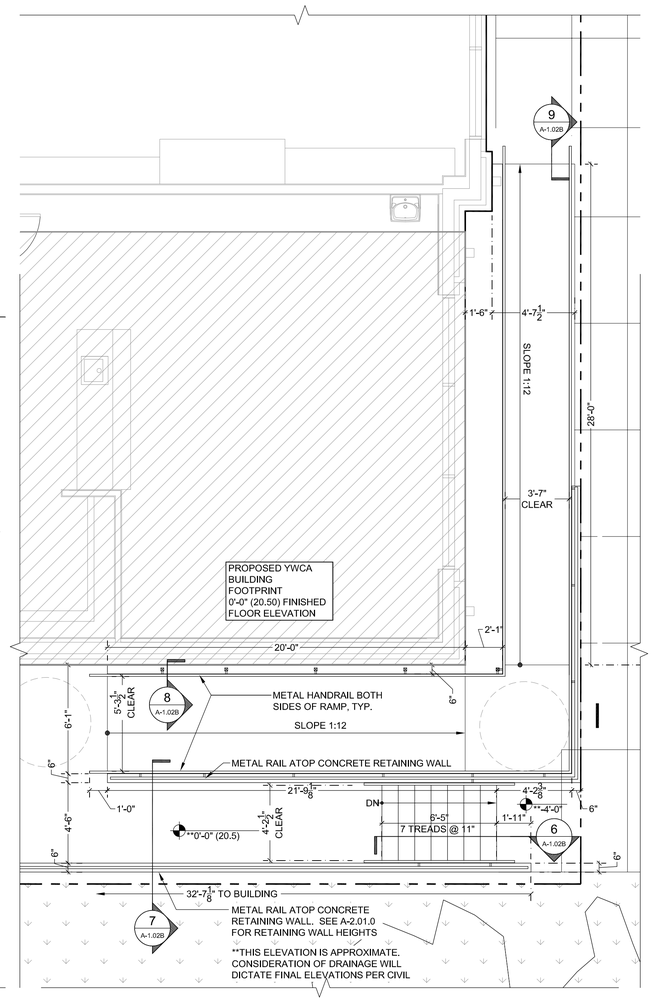


1 Site Plan
A-1.01
SCALE: 1/16" = 1'-0"



2 Enlarged Plan
A-1.01 DROP OFF AREA
SCALE: 1/4" = 1'-0"



3 Enlarged Plan
A-1.01 ENTRY PORCH
SCALE: 1/4" = 1'-0"

SITE PLAN NOTES

1. SEE CIVIL AND LANDSCAPING DRAWINGS FOR SITE DRAINAGE, UTILITY TIE IN LOCATIONS, SIDEWALK & PAVING DETAILS.
2. SITE LIGHTING, SEE ELECTRICAL PLAN E-1.02
3. ALL SITE ELEVATIONS ARE IN RELATION TO FIRST FLOOR BASE SLAB ELEVATION. SEE SURVEY FOR CORRESPONDING CAIRO DATUM ELEVATIONS.
4. ALL CURBS, SIDEWALKS, AND TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION AND REPLACED AS NECESSARY. CONTRACTOR TO REPAIR AND REPLACE AND DAMAGES CAUSED BY THE CONTRACTOR DUE TO CONSTRUCTION ACTIVITY.
5. REFERENCE CIVIL DRAWINGS FOR FINAL LOCATIONS OF CONCRETE CONTROL AND CONSTRUCTION JOINTS, DRAINAGE, SITE SLOPING, HARDSCAPE ELEVATIONS, DIMENSIONS, RADII AND ANGLES.
6. REFERENCE LANDSCAPING DRAWINGS FOR DRAINAGE, STORMWATER AND PLANTINGS.
7. THE REMOVAL OF TREES WILL REQUIRE A SEPARATE PERMIT TO BE ISSUED PRIOR TO REMOVAL OF ANY TREES.
8. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES.
9. REFER TO SHEET A-0.06 FOR ALTERNATES

LEGEND - SITE

NEW CONCRETE

PERMEABLE PAVEMENT GRID

AREA TO BE SODDED

BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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(RE-ISSUE 06/17/2025)

Title
Site Plan

Sheet
A-1.01

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SITE PLAN NOTES

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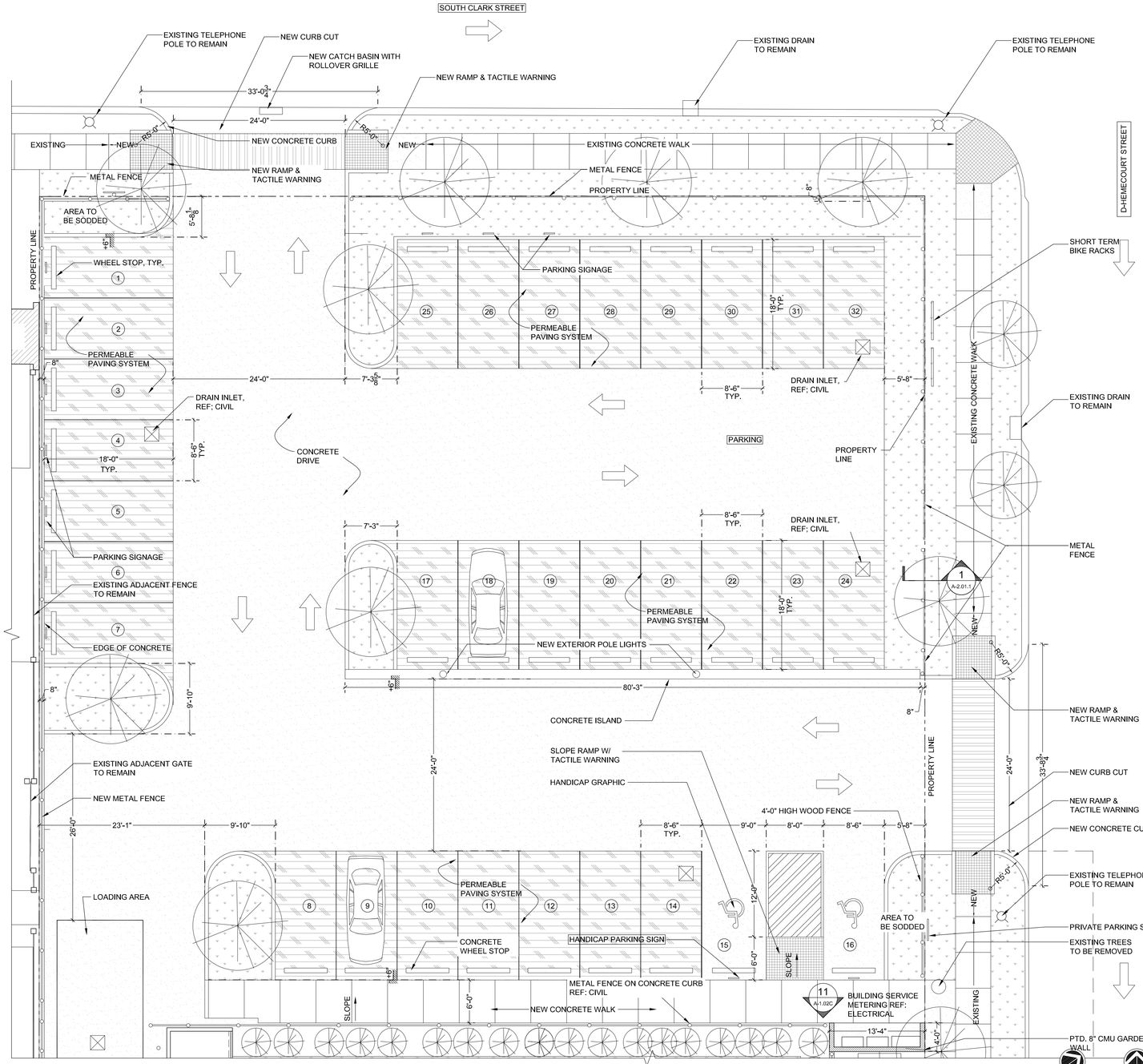
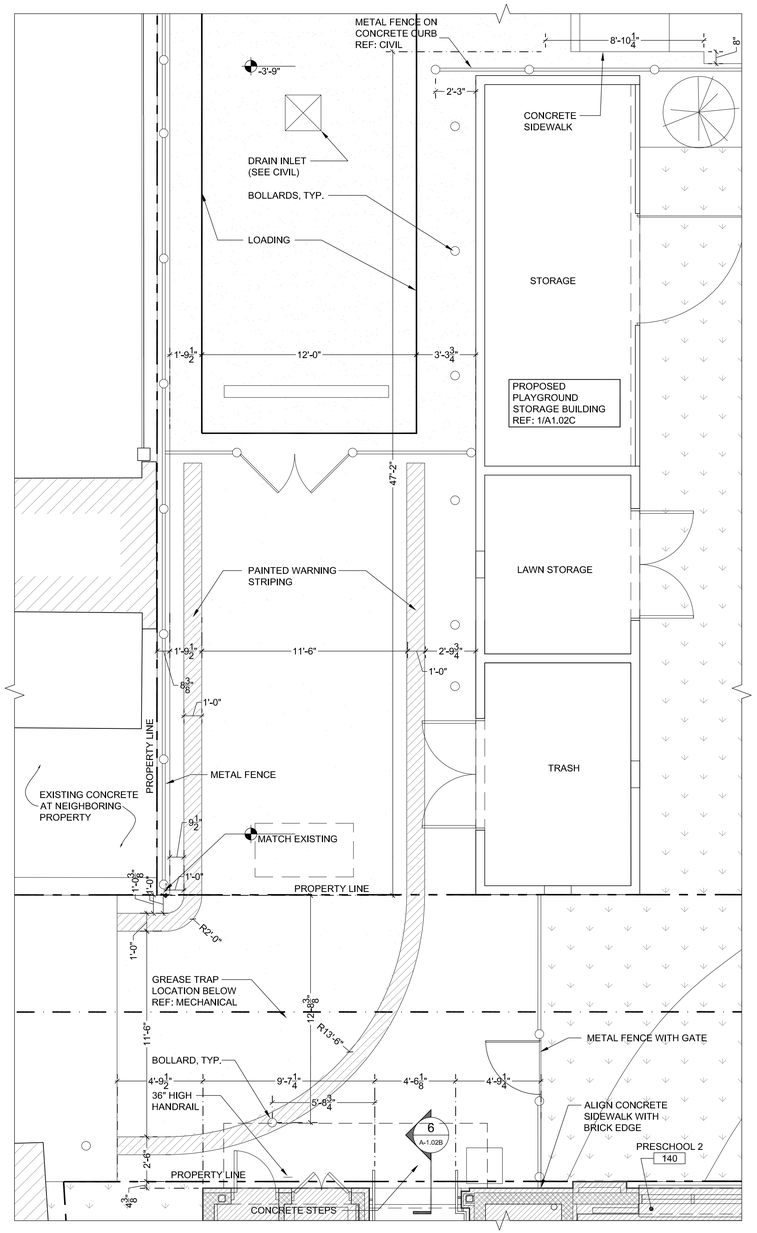


1 Enlarged Site Plan
A-1.02A
SCALE: 1/8" = 1'-0"



2 Enlarged Site Plan
A-1.02A
SCALE: 1/4" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

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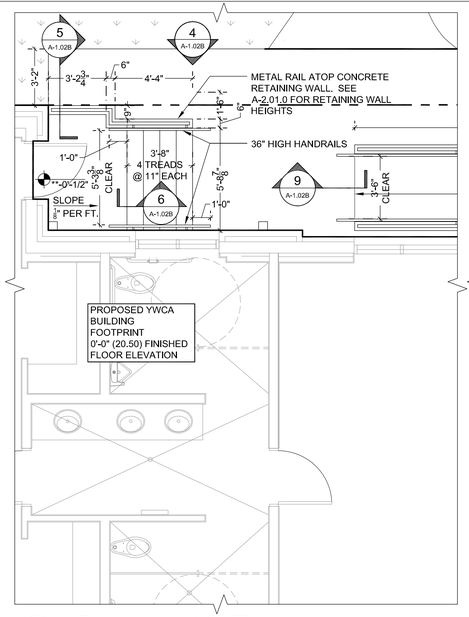
(RE-ISSUE 06/17/2025)

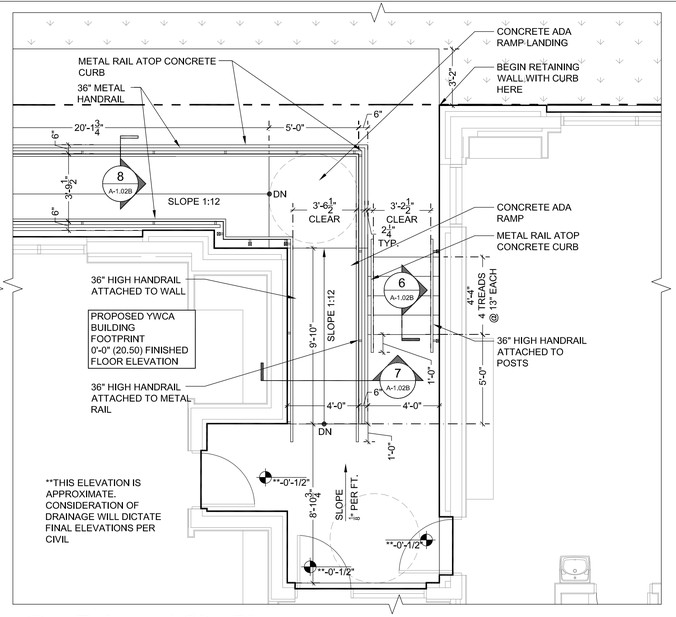
Title
Enlarged Site Plan

Sheet
A-1.02A



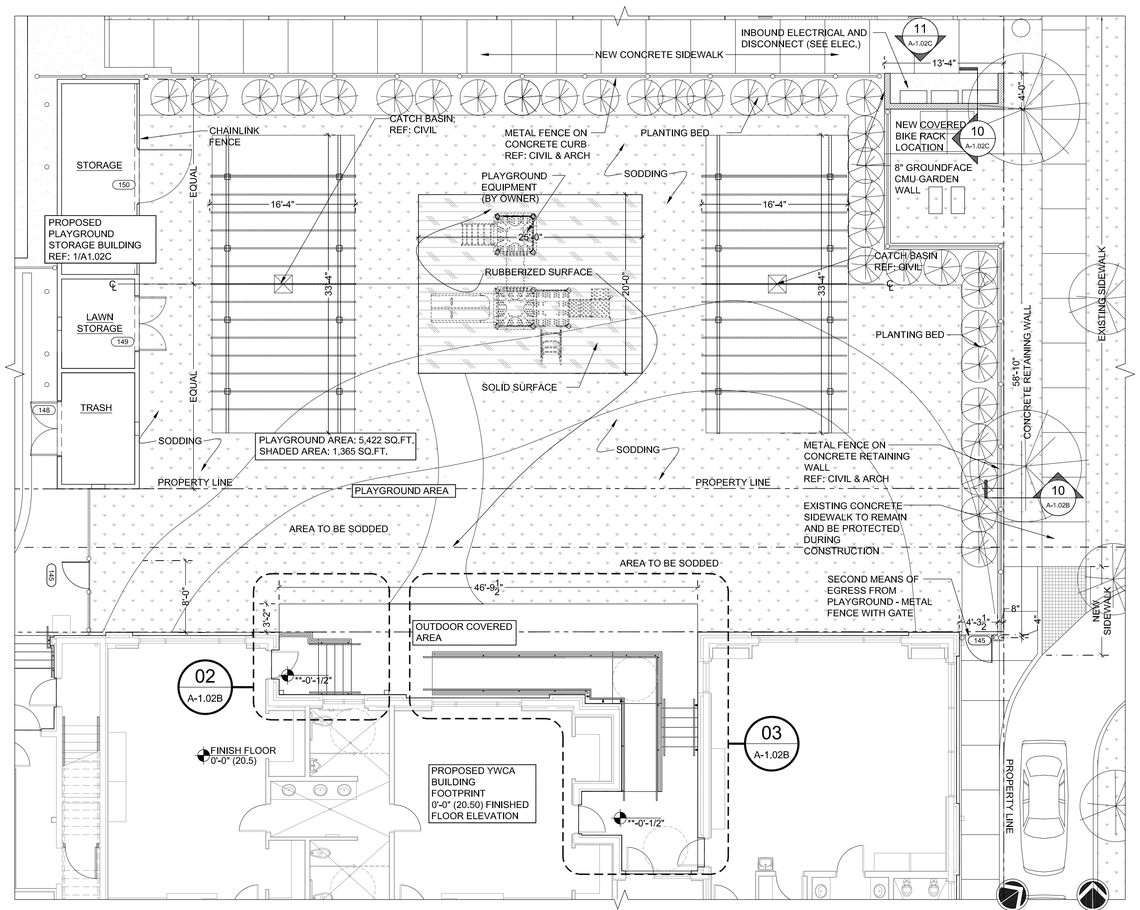
2 Enlarged Site Plan

A-1.02B SCALE: 1/4" = 1'-0"



3 Enlarged Site Plan

A-1.02B SCALE: 1/4" = 1'-0"



1 Enlarged Site Plan

A-1.02B SCALE: 1/8" = 1'-0"

SITE PLAN NOTES

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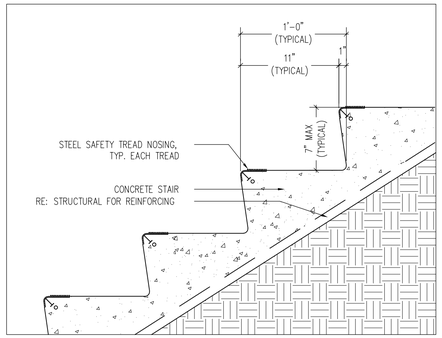
9. REFER TO SHEET A-0.06 FOR ALTERNATES

LEGEND - SITE

NEW CONCRETE

PERMEABLE PAVEMENT GRID

AREA TO BE SODDED



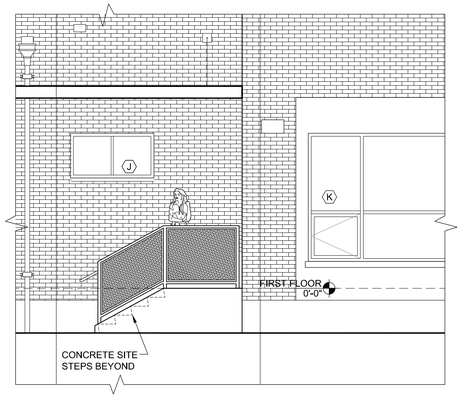
368-02

6 Detail

A-1.02B EXTERIOR STAIR TREAD NOSING SCALE: 1 1/2" = 1'-0"

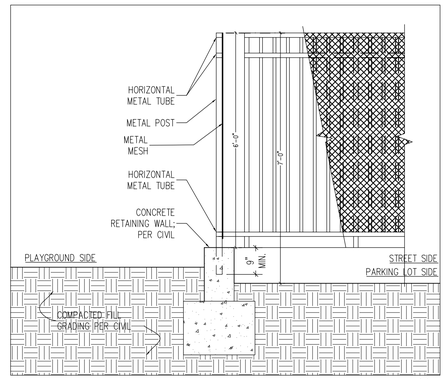
5 NOT USED

A-1.02B SCALE: 3" = 1'-0"



4 Enlarged Elevation

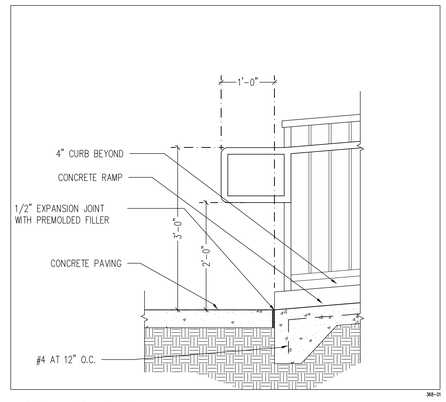
A-1.02B SCALE: 1/4" = 1'-0"



368-06

10 Fence Detail

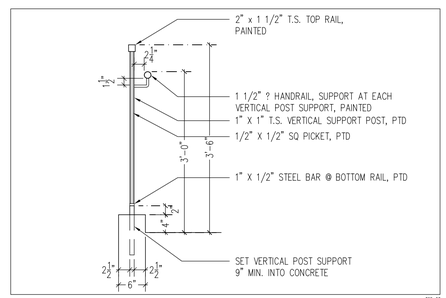
A-1.02B @ Concrete Retaining Wall & Metal Fence SCALE: 1/2" = 1'-0"



368-01

9 Detail

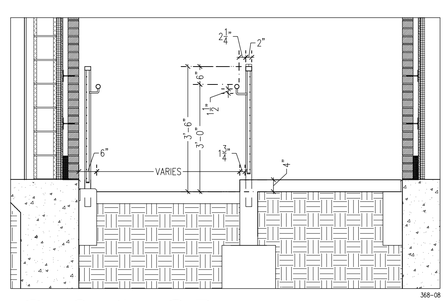
A-1.02B RAMP TO SIDEWALK TRANSITION SCALE: 3/4" = 1'-0"



368-03

8 Railing Detail

A-1.02B SCALE: 3/4" = 1'-0"



368-08

7 Section @ Ramp

A-1.02B SCALE: 1/2" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

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Title

Enlarged Site Plan

Sheet

A-1.02B

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SITE PLAN NOTES

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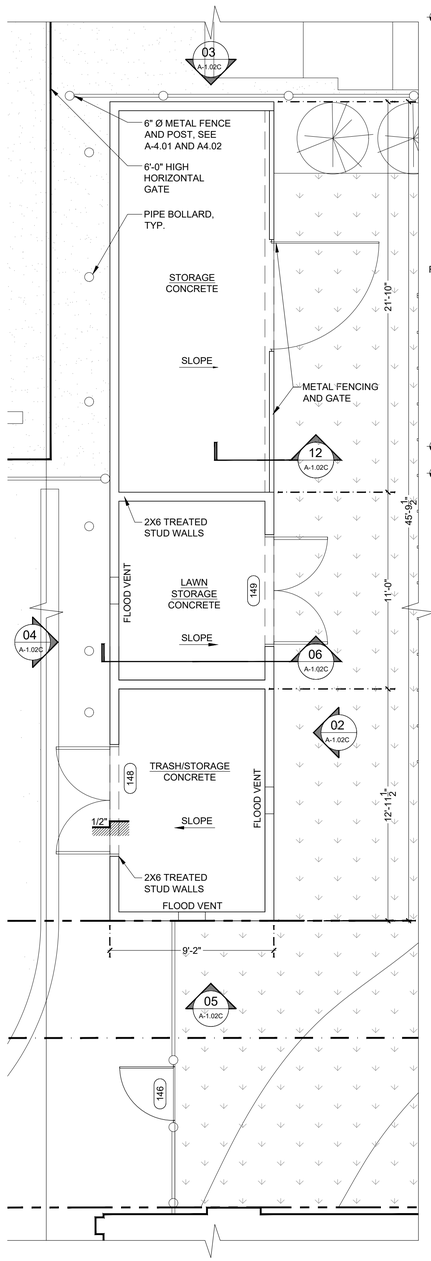
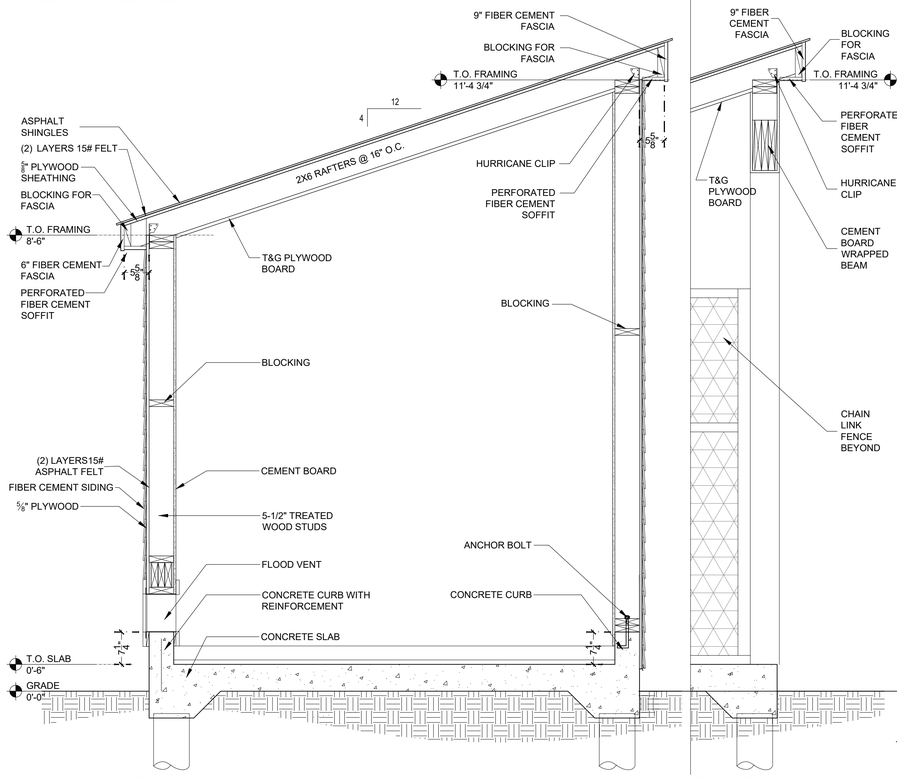


1 Enlarged Plan

A-1.02B | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"

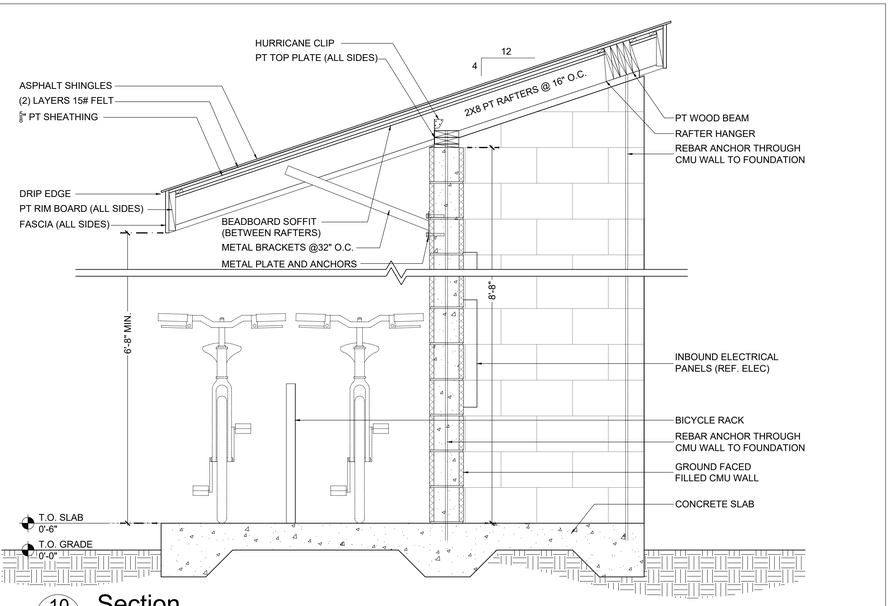


6 Section

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 3/4" = 1'-0"

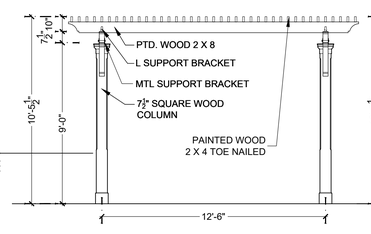
12 Section

A-1.02C | A-1.02C SCALE: 3/4" = 1'-0"



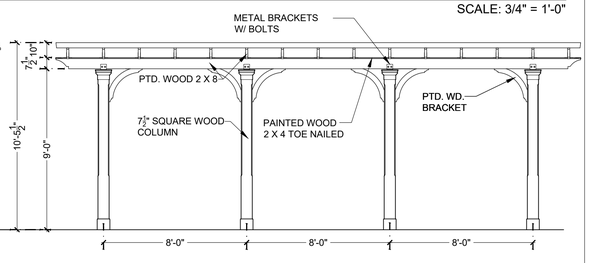
10 Section

A-1.02C | A-1.02C ELECTRICAL COVER SCALE: 3/4" = 1'-0"



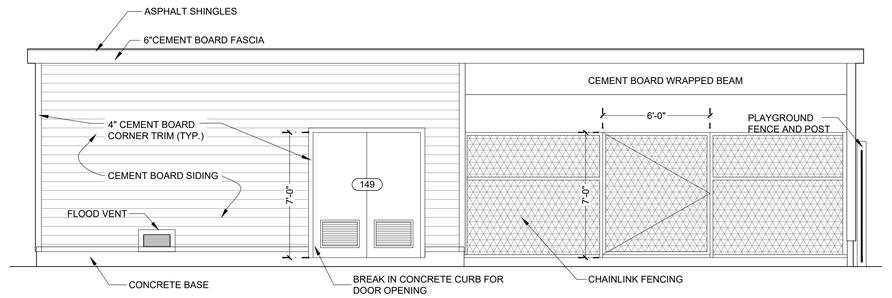
9 Elevation

A-1.02C | A-1.02C SCALE: 1/4" = 1'-0"



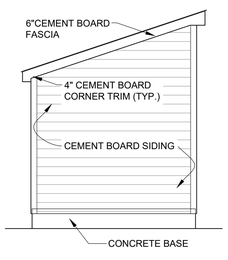
8 Elevation

A-1.02C | A-1.02C SCALE: 1/4" = 1'-0"



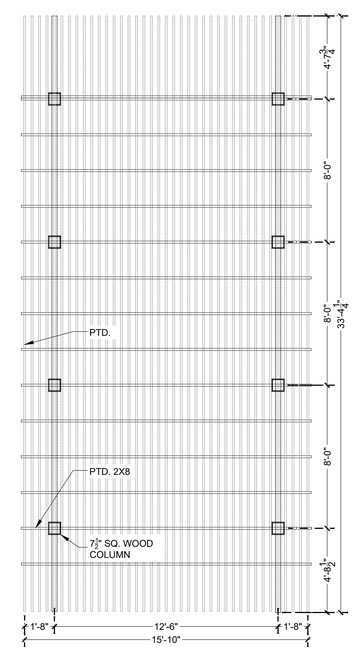
2 Elevation

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"



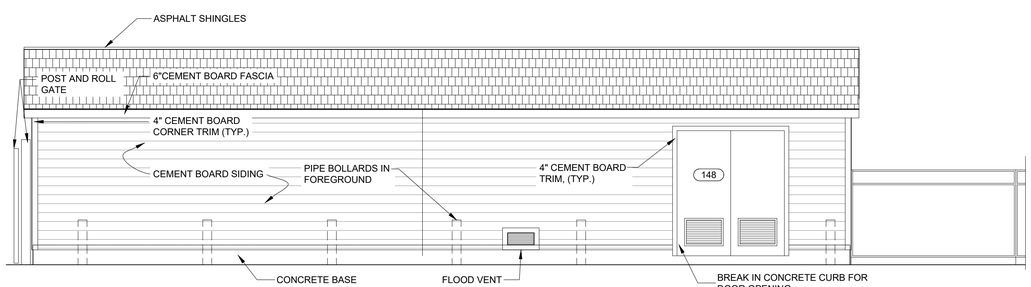
3 Elevation

A-1.02C | A-1.02C PLAY. STORAGE SCALE: 1/4" = 1'-0"



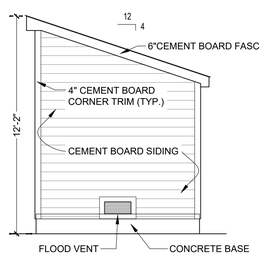
7 Enlarged Plan

A-1.02C SCALE: 1/4" = 1'-0"



4 Elevation

A-1.02C | A-1.02C PLAYGROUND STORAGE SCALE: 1/4" = 1'-0"



5 Elevation

A-1.02C | A-1.02C PLAY. STORAGE SCALE: 1/4" = 1'-0"

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(RE-ISSUE 11/12/2024)

Title

Ramp, Stair, Storage & Exterior Details

Sheet

A-1.02C

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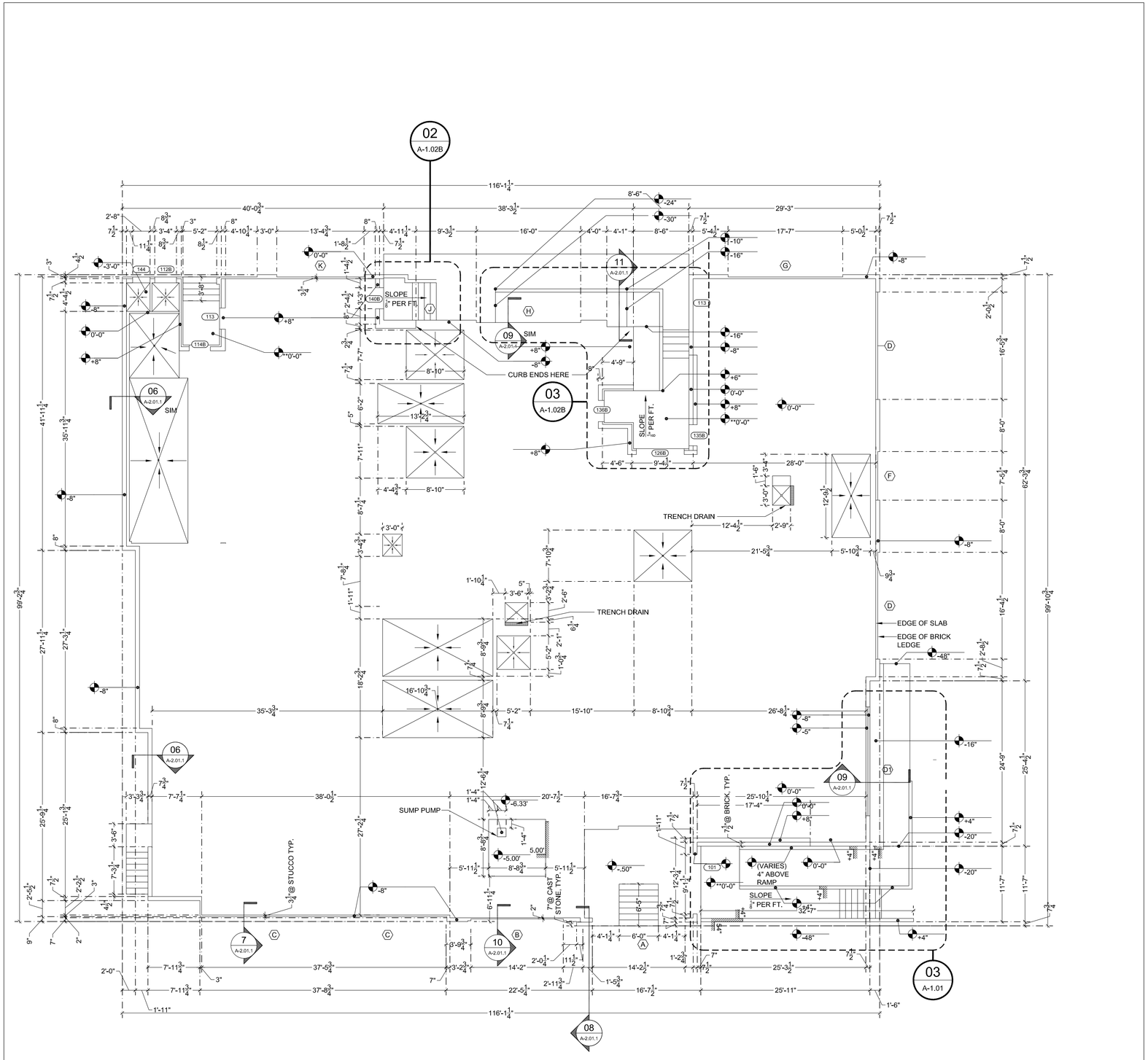

1 First Floor - Slab Plan

A-2.01.0

SCALE: 1/8" = 1'-0"

SLAB NOTES

1. THE CMU IS SHOWN WITH A HATCH FOR REFERENCE TO THE WALL SECTIONS AND DETAILS. THE CMU WILL SIT ON THE MAIN SLAB AND NOT AFFECT THE SLAB RECESS AT BRICK LEDGE.

2. BRICK LEDGE WILL RELATE TO ADJACENT GRADE/HARDSCAPE. THE ELEVATION WILL VARY ALONG THE PERIMETER OF THE BUILDING. FOR BRICK LEDGE ELEVATIONS, REF: SLAB PLANS.

3. CONTRACTOR RESPONSIBILITY TO COORDINATE THE BRICK LEDGE ELEVATIONS WITH BRICK COURSING.

4. SEE LANDSCAPING FOR FINAL SITE GRADES.

5. 0'-0" MAIN SLAB ELEVATION RELATES TO GRADE ELEVATION OF **20.50**. ALL SLAB ELEVATIONS ON THIS DRAWING REFERENCE 0'-0"

6. SEE STRUCTURAL DRAWINGS FOR GRADE BEAM/PILING LOCATIONS AND DETAILS.

7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL PLUMBING AND ELECTRICAL LOCATIONS.

8. FINAL CONTROL JOINTS ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO FORMING AND SLAB POUR.

9. PLUMBING AND PENETRATION DIMENSIONS ARE APPROXIMATE AND LOCATION / SIZES ARE TO BE VERIFIED WITH CORRESPONDING ME&P AND STRUCTURAL DRAWINGS.

10. SLOPE SLAB TO DRAIN A MIN OF 1/8" PER FOOT AT ALL WET CONDITIONS OR AS OTHERWISE NOTED.

11. CONTRACTOR TO COORDINATE DEPRESSED EDGES AT SHOWER LOCATIONS PRIOR TO SLAB POUR.

12. SEE STRUCTURAL FOR SIZES OF REINFORCEMENT, COLUMN SIZES, LOCATIONS AND ANCHORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	GV, EG
Checked By	PMP

Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

First Floor - Slab Plan

Sheet

A-2.01.0

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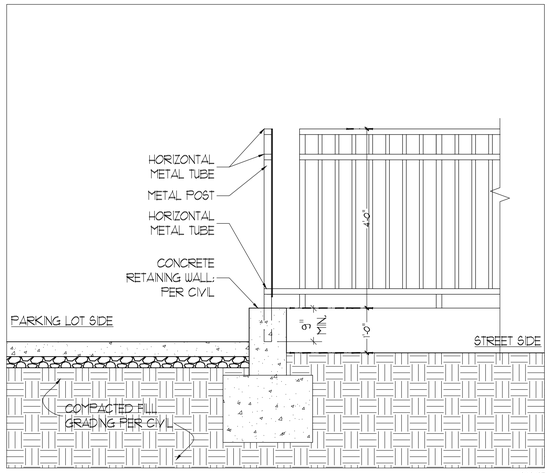
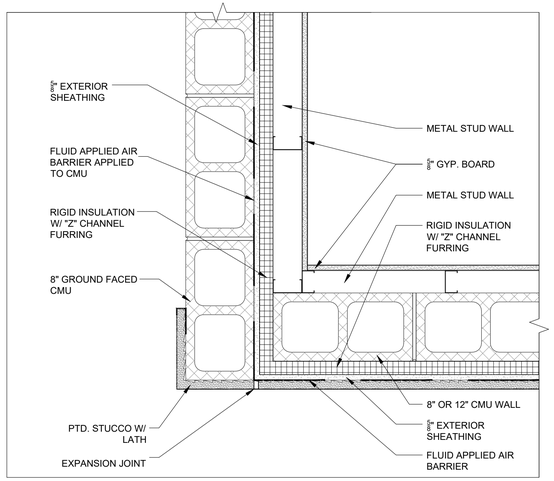


1 Fence Detail (Parking Lot)
A-2.01.1 SCALE: 1-1/2" = 1'-0"

2 Not Used
A-2.01.1 SCALE: 1-1/2" = 1'-0"



3 Corner Detail @ Training / Classroom
A-2.01.1 SCALE: 1-1/2" = 1'-0"

SLAB NOTES

1. THE CMU IS SHOWN WITH A HATCH FOR REFERENCE TO THE WALL SECTIONS AND DETAILS. THE CMU WILL SIT ON THE MAIN SLAB AND NOT AFFECT THE SLAB RECESS AT BRICK LEDGE.

2. BRICK LEDGE WILL RELATE TO ADJACENT GRADE/HARDSCAPE. THE ELEVATION WILL VARY ALONG THE PERIMETER OF THE BUILDING. FOR BRICK LEDGE ELEVATIONS, REF: SLAB PLANS.

3. CONTRACTOR RESPONSIBILITY TO COORDINATE THE BRICK LEDGE ELEVATIONS WITH BRICK COURSING.

4. SEE LANDSCAPING FOR FINAL SITE GRADES.

5. 0'-0" MAIN SLAB ELEVATION RELATES TO GRADE ELEVATION OF **20.50**. ALL SLAB ELEVATIONS ON THIS DRAWING REFERENCE 0'-0"

6. SEE STRUCTURAL DRAWINGS FOR GRADE BEAM/PILING LOCATIONS AND DETAILS.

7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL PLUMBING AND ELECTRICAL LOCATIONS.

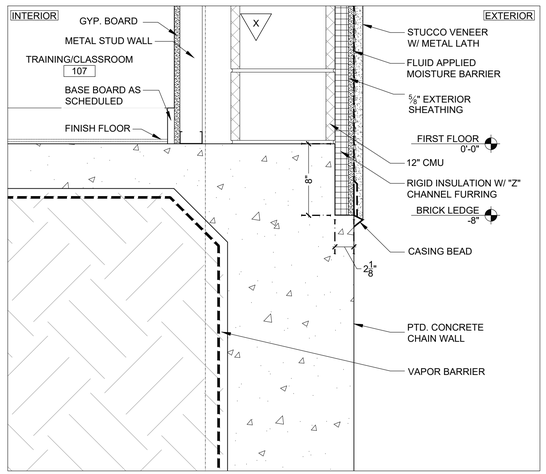
8. FINAL CONTROL JOINTS ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO FORMING AND SLAB POUR.

9. PLUMBING AND PENETRATION DIMENSIONS ARE APPROXIMATE AND LOCATION / SIZES ARE TO BE VERIFIED WITH CORRESPONDING ME&P AND STRUCTURAL DRAWINGS.

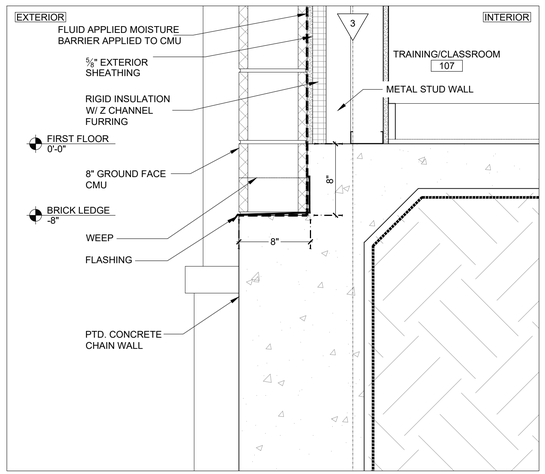
10. SLOPE SLAB TO DRAIN A MIN OF 1/8" PER FOOT AT ALL WET CONDITIONS OR AS OTHERWISE NOTED.

11. CONTRACTOR TO COORDINATE DEPRESSED EDGES AT SHOWER LOCATIONS PRIOR TO SLAB POUR.

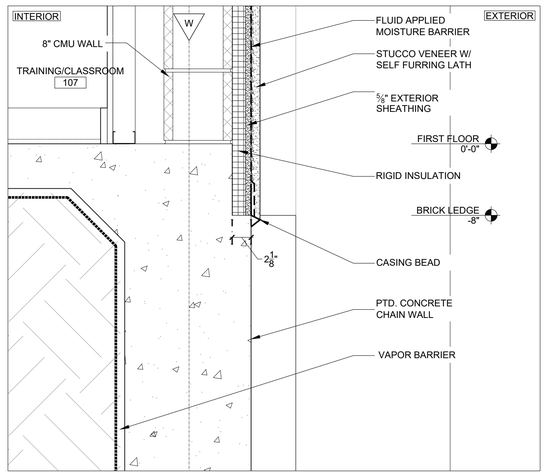
12. SEE STRUCTURAL FOR SIZES OF REINFORCEMENT, COLUMN SIZES, LOCATIONS AND ANCHORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.



5 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

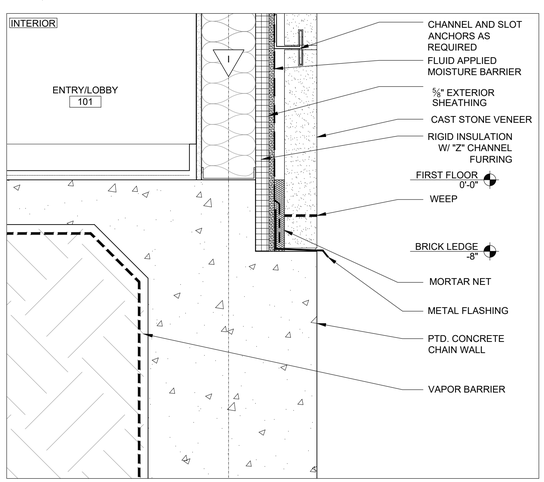


6 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

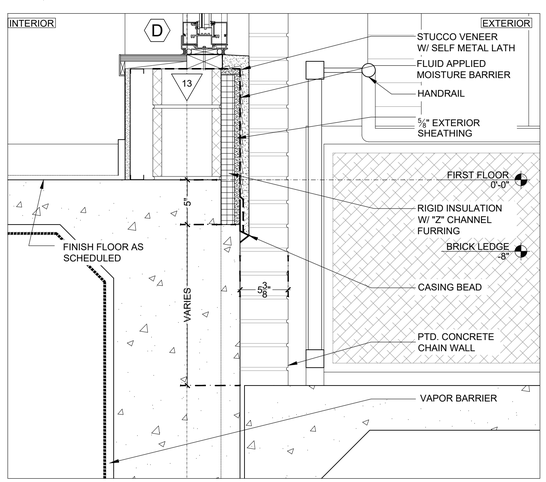


7 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

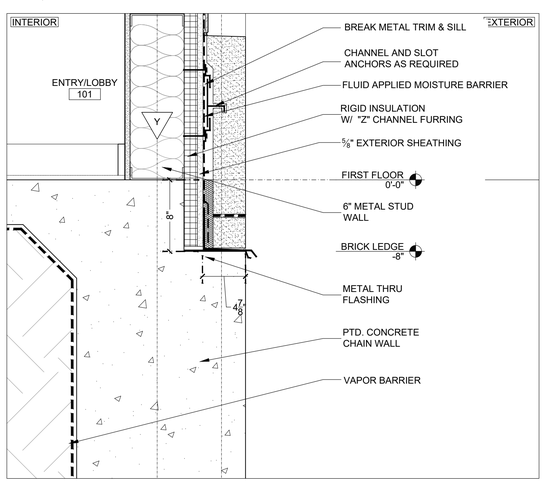
4 Not Used
A-2.01.1 SCALE: 1-1/2" = 1'-0"



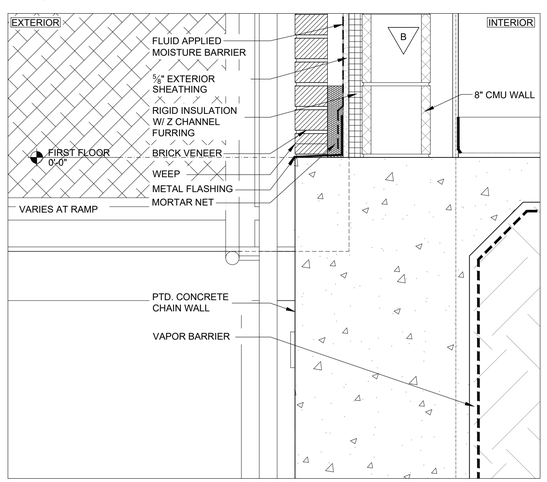
8 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



9 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



10 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"



11 First Floor - Slab Plan
A-2.01.1 SCALE: 1-1/2" = 1'-0"

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BID SET - 2025

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building
601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

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600 South Clark S
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Contractor
CONTRACTOR NAM
Address
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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Checked By	PMP

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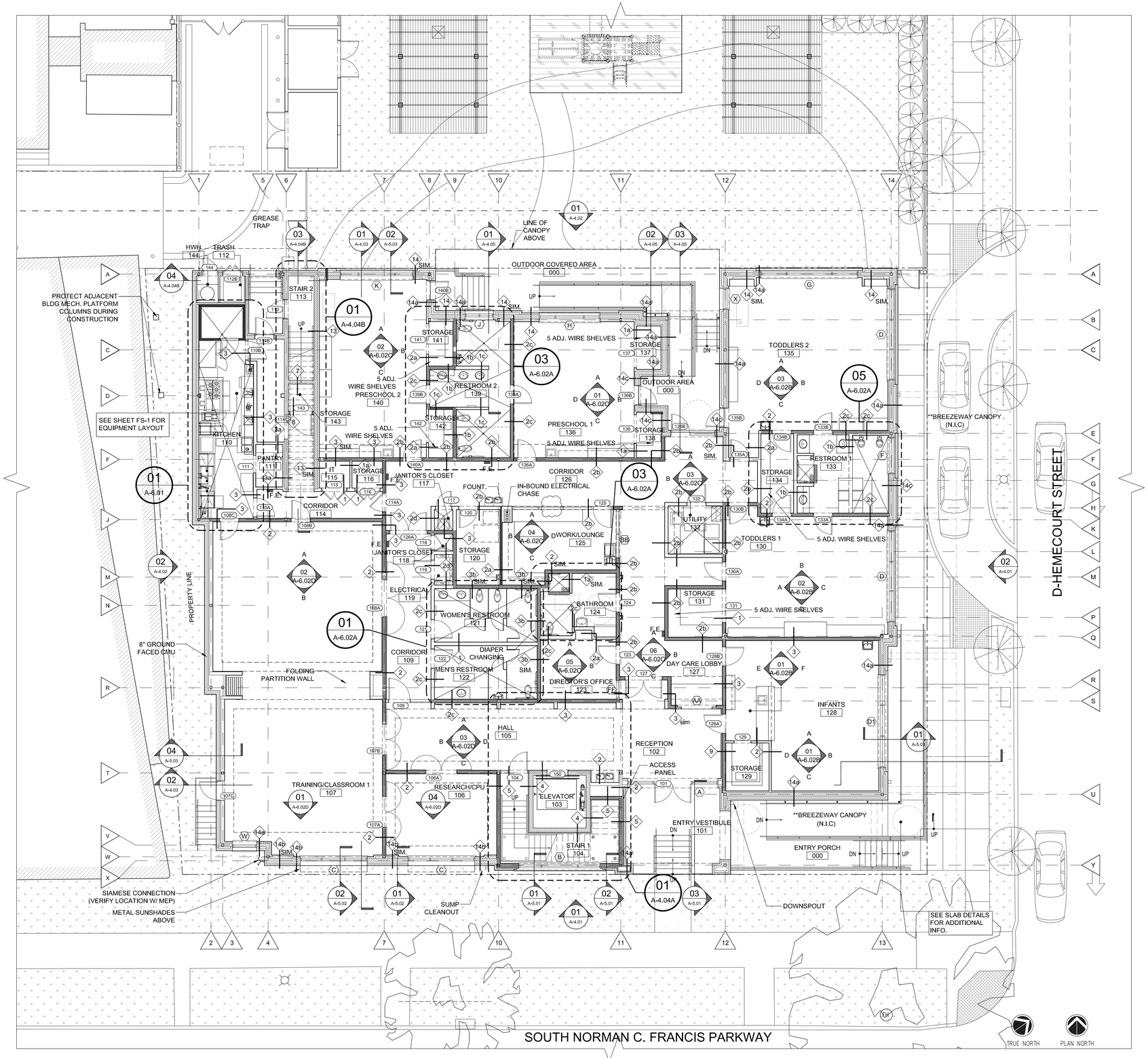
Title
First Floor - Perimeter Conditions

Sheet
A-2.01.1



1 First Floor Plan - Descriptive

A-2.01A

SCALE: 1/8" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.01 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.11 AND A-3.12 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN IT IS FOR RELATIONSHIP PURPOSES ONLY. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND EQUIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TVs) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

9. VERIFY ALL FIRE EXTINGUISHER CABINET LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-INS AND FINAL LOCATIONS.

WALL KEY

- CMU BLOCK WALL
- BRICK VENEER
- STUCCO VENEER
- CAST STONE VENEER
- 6" MTL STUD WALL W/ INSULATION

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First Floor - Descriptive Plan

Sheet

A-2.01A

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DIMENSION NOTES

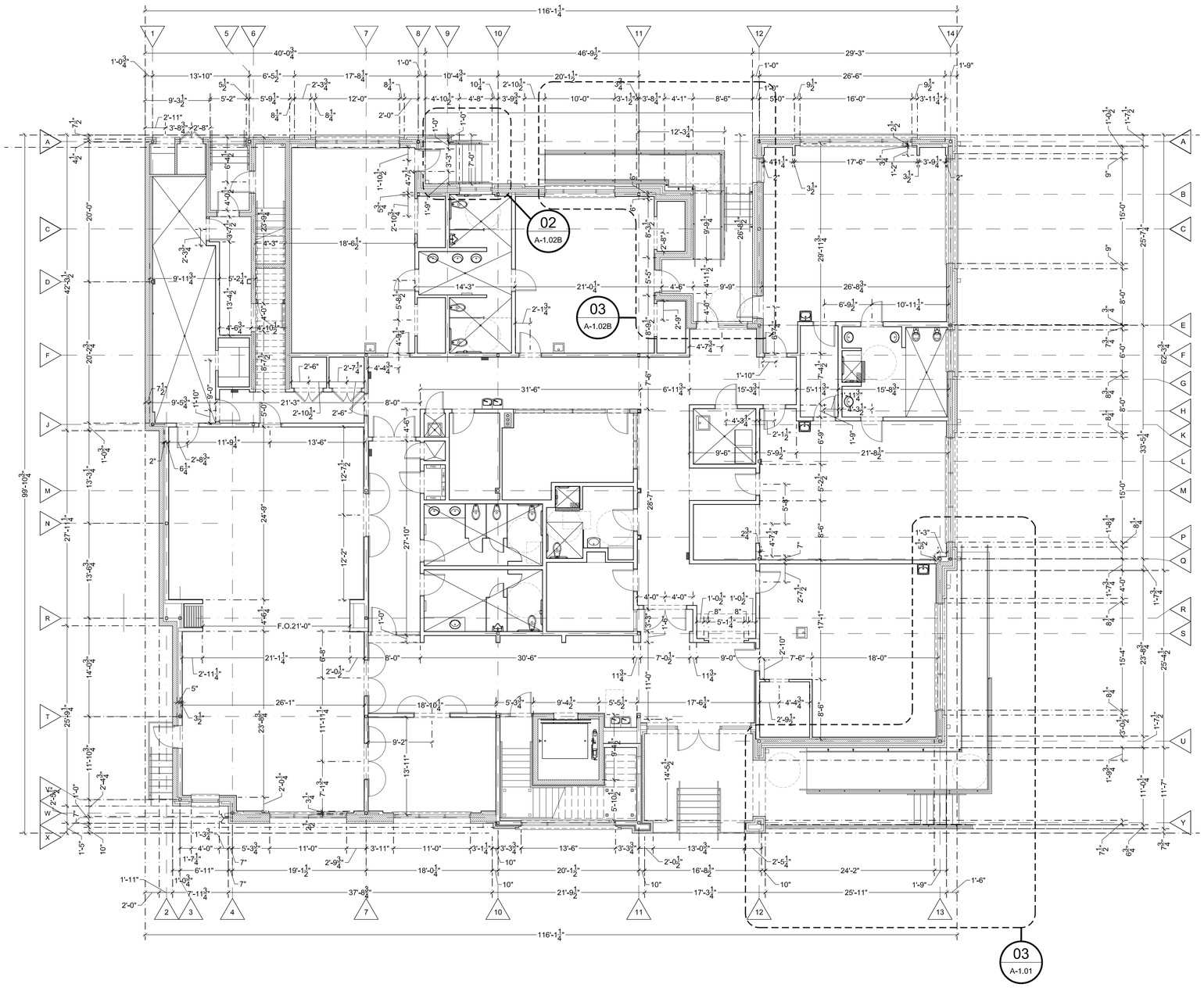
1. ALL SECOND FLOOR INTERIOR WALL DIMENSIONS ARE FACE OF STUD TO FACE OF STUD OR TO CONCRETE BLOCK AT STAIRWELLS UNLESS OTHERWISE NOTED.

2. SEE SHEETS A6.01 FOR ENLARGED ROOMS WITH DIMENSIONS OF UNIT PARTITION WALLS.

3. SEE DESCRIPTIVE SHEETS FOR ENLARGED PLAN LOCATIONS THAT MAY PROVIDE ADDITIONAL INFORMATION FOR THAT AREA.

4. SEE A-3.01A, SHEETS FOR PARTITION DETAILS

5. ALIGN 2ND FLOOR WINDOWS FRAMES VERTICALLY WITH WINDOWS AT FIRST FLOOR BELOW (PER ELEVATIONS) ANY ADJUSTMENTS PER MASONRY LAYOUT TO BE APPLIED TO 2ND FLOOR.



1 First Floor Plan - Dimensioned
A-2.01B

SCALE: 1/8" = 1'-0"

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First Floor - Dimension Plan

Sheet

A-2.01B

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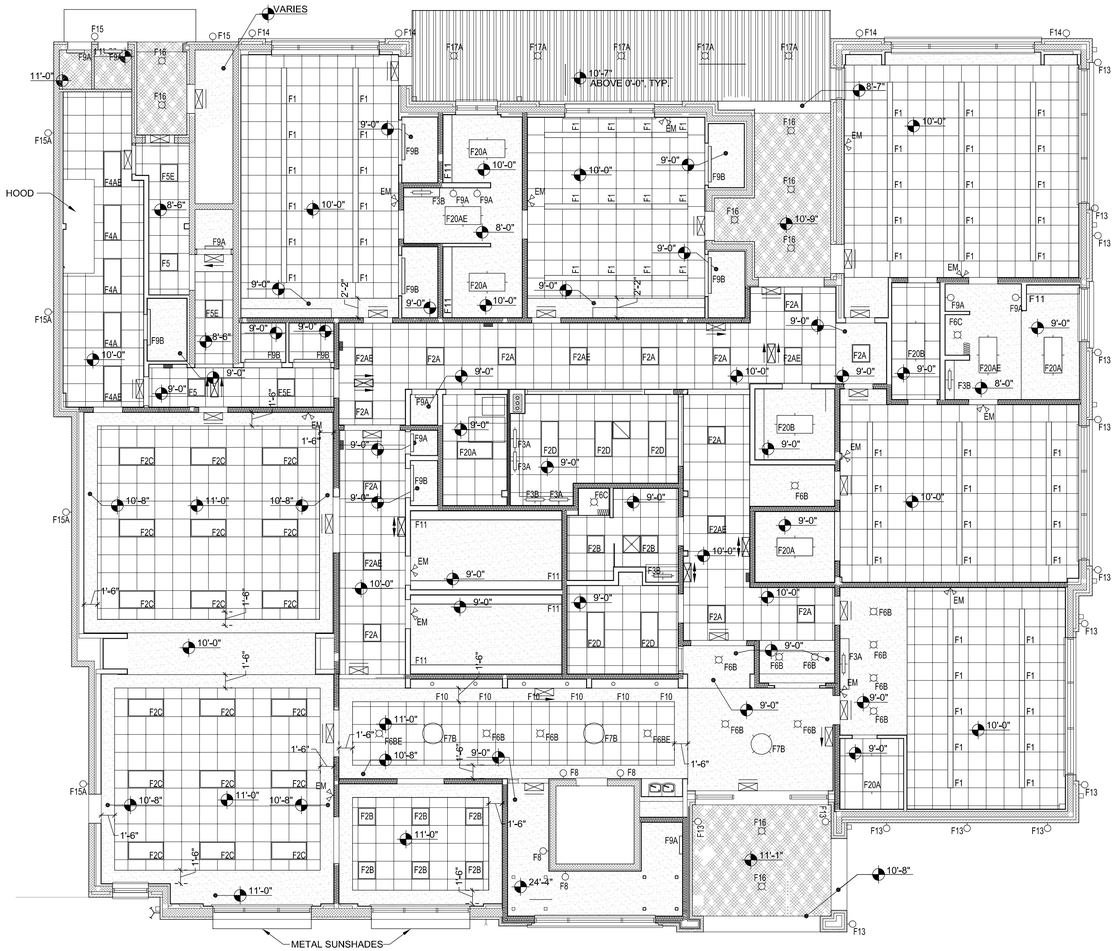

1 First Floor - Reflected Ceiling Plan

A-2.01C

SCALE: 1/8" = 1'-0"

RCP LEGEND

- 2' X 2' SUSPENDED ACOUSTIC TILE CEILING (SEE NOTE FOR APC-1 AND SPECIFICATIONS FOR DETAILS)

- GYPSUM BOARD CEILING - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS) & MOUNTING DETAILS

- SUSPENDED PLASTER - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS)

RCP NOTES

1. A-2.01C & A-2.02C ARE FOR LIGHTING FIXTURE LOCATIONS AND SUPERCEDE ELECTRICAL SHEETS FOR LOCATIONS AND RELATIONSHIPS ONLY.

2. SEE ELECTRICAL SHEETS FOR MORE DETAILS ON FIXTURE TYPE...

3. ALL RECESSED CAN FIXTURES WILL BE CENTERED IN CORRIDORS, GYP CEILINGS, GYP CEILING BANDS, AND LAY IN CEILING TILES AS SHOWN.

4. ANY CONFLICTS WITH FIXTURE LOCATIONS BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

5. ALL LAY IN CEILING TILES SHALL BE CENTERED WITHIN SPACE PER ARCHITECTURAL RCP SHEETS. WHERE THERE ARE SMALL SLIVERS OF TILE ALONG ANY EDGE LESS THAT 3" AND THERE IS A GYP BORDER, THE BORDER MAY INCREASE/DECREASE AS DIRECTED BY THE ARCHITECT.

6. ALL GYP CEILING BORDERS IN CONFERENCE ROOMS ARE 1'-0" FROM FACE OF STUDS TO EDGE OF FRAME UNLESS OTHERWISE NOTED ON PLANS SUCH AS IN LARGE CONFERENCE ROOM.

7. ALL GYP CEILING BORDERS IN CORRIDORS, PUBLIC SPACES, AND OFFICES ARE 1'-6" FROM FACE OF STUD TO EDGES OF FRAME UNLESS OTHERWISE NOTED ON PLANS.

8. ALIGN EDGE OF SOFFITS ALONG EXTERIOR BUMPOUTS WITH INTERIOR FURRING. SOFFITS WILL VARY IN WIDTHS BUT HAVE A CONTINUOUS INTERIOR EDGE.

9. SEE ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHTS.

Legend:

- 2' X 2' LAY-IN LED LIGHT FIXTURE
- 2' X 4' LAY-IN LED LIGHT FIXTURE
- 2' X 4' RECESSED LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- SUSPENDED LED LINEAR LIGHTING
- 2' FLUORESCENT UNDER-CABINET LIGHT FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED FIXTURE
- WALL MOUNTED FIXTURE
- EXTERIOR CAN FIXTURE
- COMBINATION VENT AND HEATER
- COMBINATION VENT, LIGHT AND HEATER
- COMBINATION VENT AND LIGHT
- VENT
- EXTERIOR FLOOD LIGHT
- STEP LIGHT
- RECESSED
- WALL SWITCH
- OUTLET
- POWER SUPPLY
- GAS SUPPLY
- INTERNET CONNECTION
- CABLE TV JACK.
- TELEPHONE JACK.
- ELECTRICAL PANEL BOX.
- SMOKE DETECTOR
- WALL VENT
- EXIT SIGN

Schedule of Electrical Fixtures

MARK	DESCRIPTION	COMMENTS
FI	Suspended LED Linear Lighting	
F2	2' x 4' Surface Mounted LED	
F2A	2' x 2' Recessed LED	
F2B	2' x 2' Recessed LED	
F2C	2' x 4' Recessed LED	
F2D	2' x 4' Recessed LED	
F3	2' Undercabinet Light	
F4A	2' X 4' Recessed LED	
F4B	2' X 4' Recessed LED	
F5	2' X 2' Recessed LED	
F5E	2' X 2' Recessed LED	
F6A	Recessed Light	
F6B	Recessed Light	
F6C	Recessed Light @ Wet Locations	
F7A	Decorative Pendant	
F7B	Decorative Pendant	
F8A	Wall Sconce	
F8B	Wall Sconce	
F9A	Wall Mounted LED	
F9B	Wall Mounted LED	
F9C	Wall Mounted LED	
F10	Downlight	
F11	Cove Light	
F12	Emergency Wall Mounted	
F13	Exterior Wall Sconce	
F14	Exterior Wall Sconce	
F15	Exterior Wall Sconce	
F16	Exterior Downlight	
F17	Exterior Canopy	
F18	LED Shop Light	
F19	Flood Light	
F20	Exterior Wall	
F21	Pole Lighting	

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First Floor - Reflected Ceiling Plan

Sheet

A-2.01C

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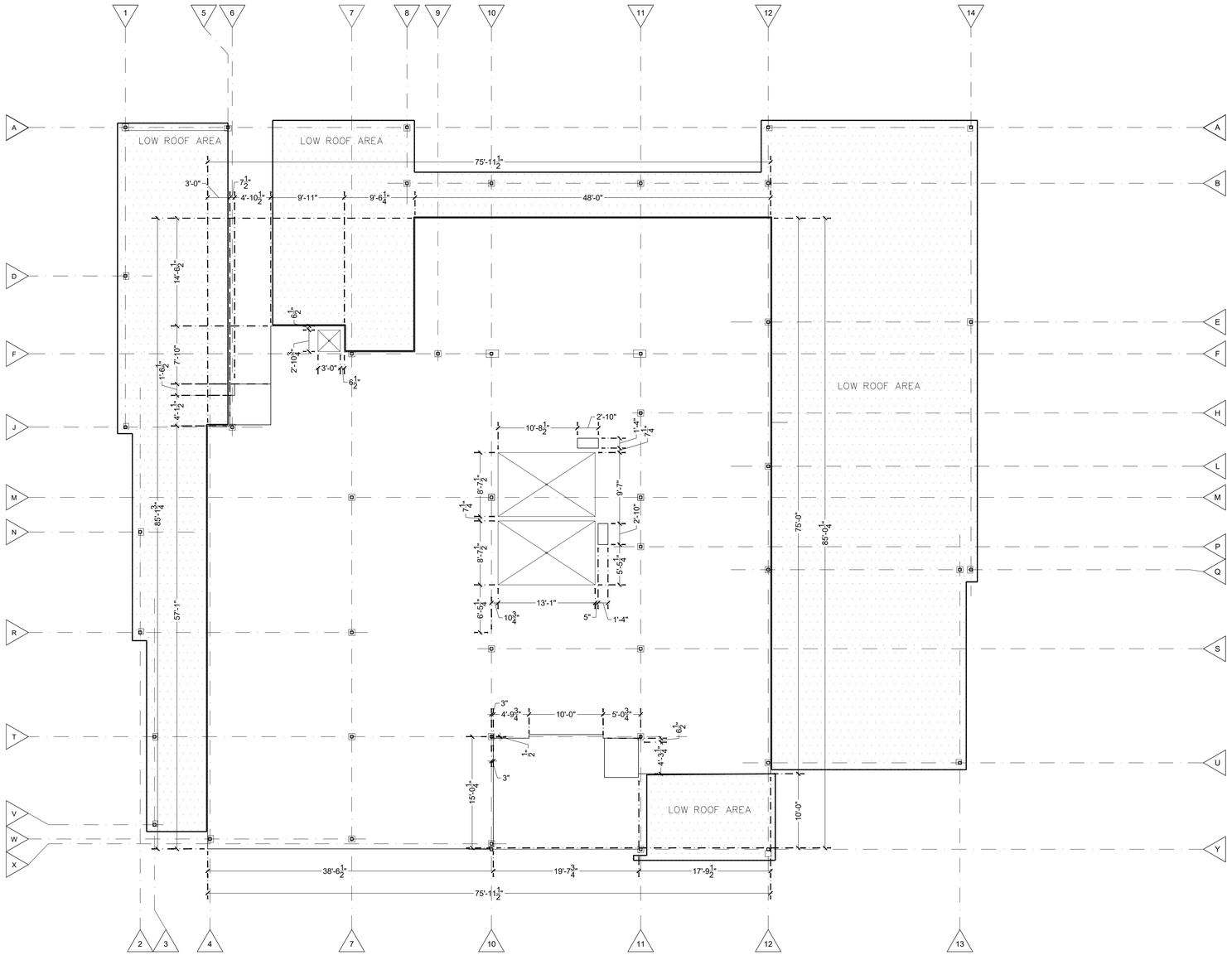

1 Second Floor - Slab Plan

A-2.02.0

SCALE: 1/8" = 1'-0"

SLAB NOTES

1. THE CMU IS SHOWN WITH A HATCH FOR REFERENCE TO THE WALL SECTIONS AND DETAILS. THE CMU WILL SIT ON THE MAIN SLAB AND NOT AFFECT THE SLAB RECESS AT BRICK LEDGE.

2. BRICK LEDGE WILL RELATE TO ADJACENT GRADE/HARDSCAPE. THE ELEVATION WILL VARY ALONG THE PERIMETER OF THE BUILDING. FOR BRICK LEDGE ELEVATIONS, REF: SLAB PLANS.

3. CONTRACTOR RESPONSIBILITY TO COORDINATE THE BRICK LEDGE ELEVATIONS WITH BRICK COURSING.

4. SEE LANDSCAPING FOR FINAL SITE GRADES.

5. 0'-0" MAIN SLAB ELEVATION RELATES TO GRADE ELEVATION OF **20.50**. ALL SLAB ELEVATIONS ON THIS DRAWING REFERENCE 0'-0"

6. SEE STRUCTURAL DRAWINGS FOR GRADE BEAM/PILING LOCATIONS AND DETAILS.

7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL PLUMBING AND ELECTRICAL LOCATIONS.

8. FINAL CONTROL JOINTS ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO FORMING AND SLAB POUR.

9. PLUMBING AND PENETRATION DIMENSIONS ARE APPROXIMATE AND LOCATION / SIZES ARE TO BE VERIFIED WITH CORRESPONDING ME&P AND STRUCTURAL DRAWINGS.

10. SLOPE SLAB TO DRAIN A MIN OF 1/8" PER FOOT AT ALL WET CONDITIONS OR AS OTHERWISE NOTED.

11. CONTRACTOR TO COORDINATE DEPRESSED EDGES AT SHOWER LOCATIONS PRIOR TO SLAB POUR.

12. SEE STRUCTURAL FOR SIZES OF REINFORCEMENT, COLUMN SIZES, LOCATIONS AND ANCHORS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

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Second Floor - Slab Plan

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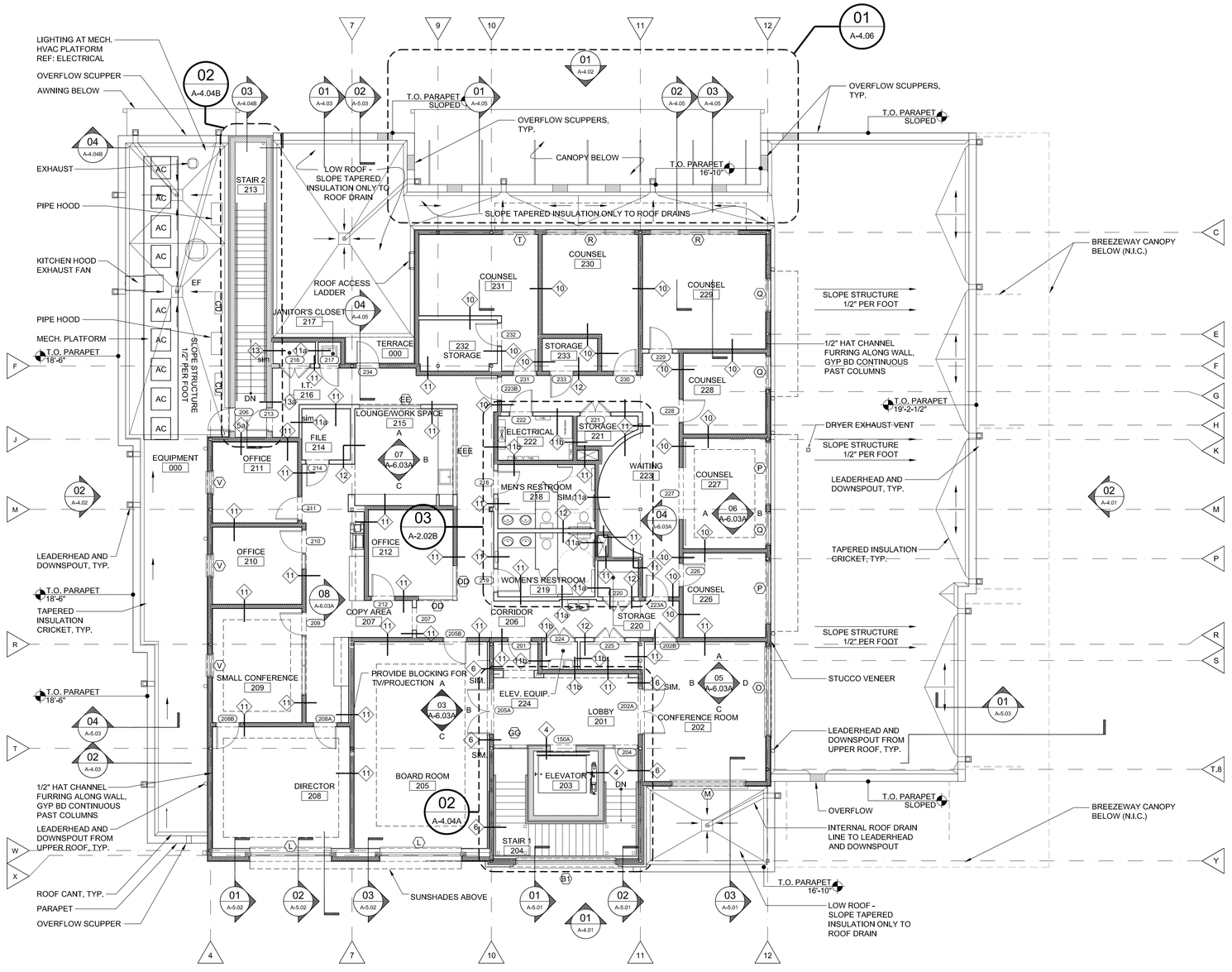

1 Second Floor Plan - Descriptive

A-2.02A

TRUE NORTH PLAN NORTH

SCALE: 1/8" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.01 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.11 AND A-3.12 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN IT IS FOR RELATIONSHIP PURPOSES ONLY. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND EQUIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TVs) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

9. VERIFY ALL FIRE EXTINGUISHER CABINET LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-INS AND FINAL LOCATIONS.

10. REFER TO SHEET A-0.06 FOR ALTERNATES

WALL KEY

- CMU BLOCK WALL
- BRICK VENEER
- STUCCO VENEER
- CAST STONE VENEER
- 6" MTL STUD WALL W/ INSULATION

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Second Floor - Descriptive Plan

Sheet

A-2.02A

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DIMENSION NOTES

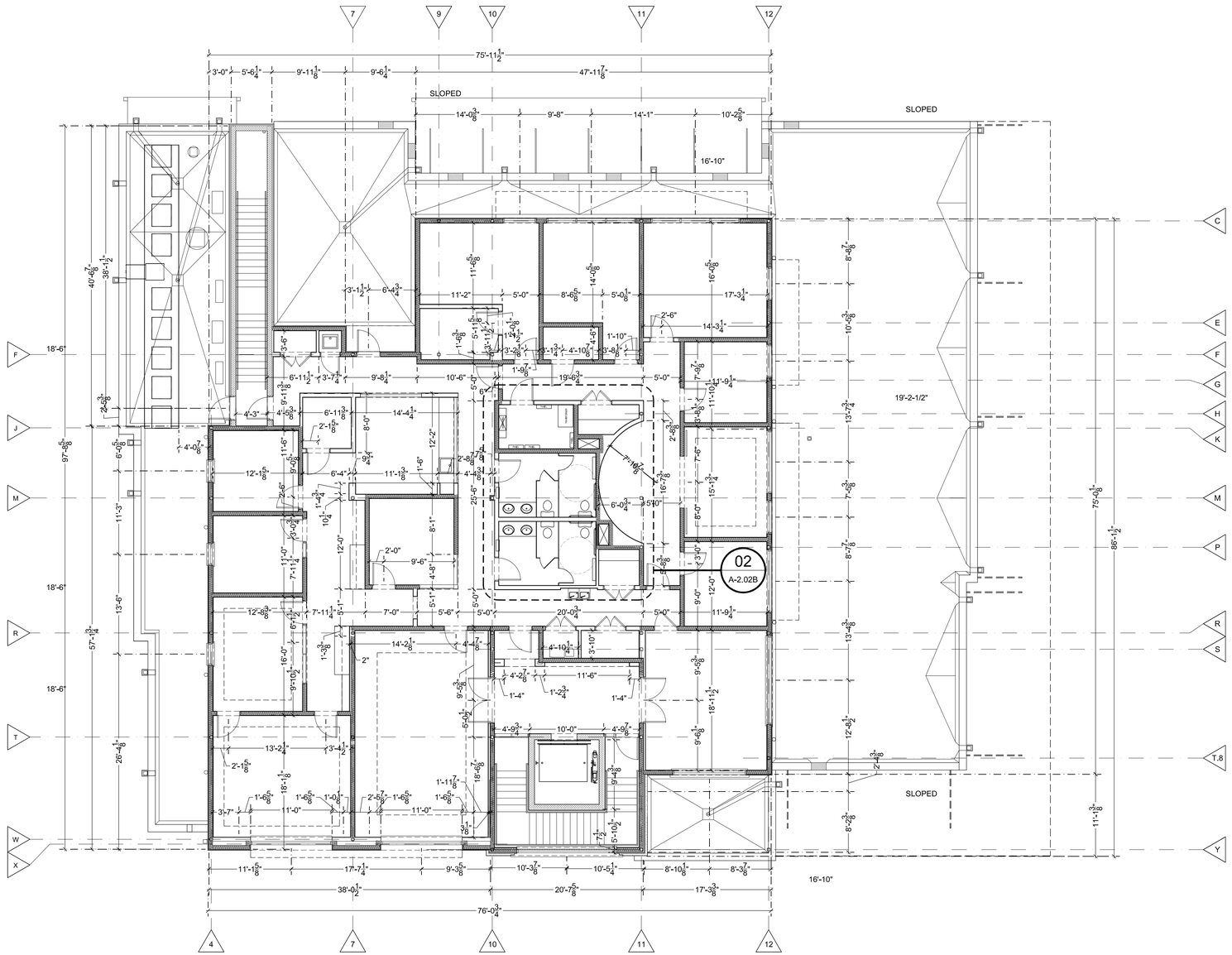
1. ALL SECOND FLOOR INTERIOR WALL DIMENSIONS ARE FACE OF STUD TO FACE OF STUD OR TO CONCRETE BLOCK AT STAIRWELLS UNLESS OTHERWISE NOTED.

2. SEE SHEETS A6.01 FOR ENLARGED ROOMS WITH DIMENSIONS OF UNIT PARTITION WALLS.

3. SEE DESCRIPTIVE SHEETS FOR ENLARGED PLAN LOCATIONS THAT MAY PROVIDE ADDITIONAL INFORMATION FOR THAT AREA.

4. SEE A-3.01A, SHEETS FOR PARTITION DETAILS

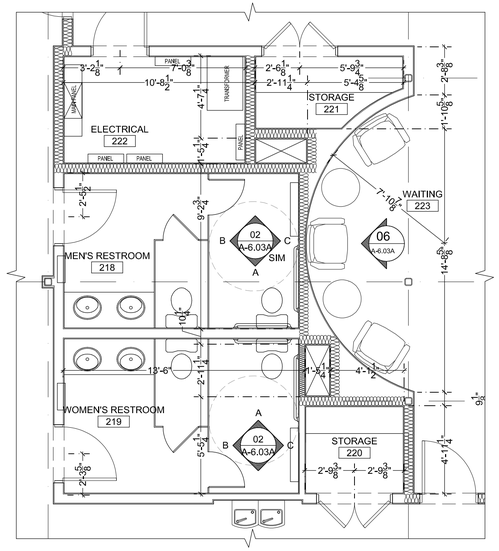
5. ALIGN 2ND FLOOR WINDOWS FRAMES VERTICALLY WITH WINDOWS AT FIRST FLOOR BELOW (PER ELEVATIONS) ANY ADJUSTMENTS PER MASONRY LAYOUT TO BE APPLIED TO 2ND FLOOR.



1 Second Floor Plan - Dimension Plan

A-2.02B

SCALE: 1/8" = 1'-0"



2 Enl. Floor Plan - Counseling Core

A-2.02B

SCALE: 1/4" = 1'-0"

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YWCA Greater New Orleans

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

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(RE-ISSUE 06/17/2025)

Title

Second Floor - Dimension Plan

Sheet

A-2.02B

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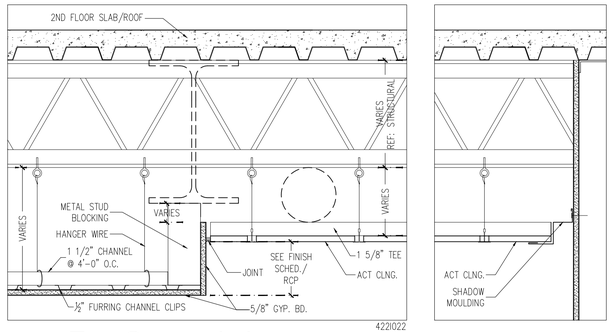

Typ. Suspended Gyp. Bd. Ceiling & Soffit Condition

2 A-2.02C SCALE: 1 1/2" = 1'-0"

Typ. ACT Ceiling

3 A-2.02C SCALE: 1 1/2" = 1'-0"

RCP LEGEND

- 2' X 2' SUSPENDED ACOUSTIC TILE CEILING (SEE NOTE FOR APC-1 AND SPECIFICATIONS FOR DETAILS)
- GYPSUM BOARD CEILING - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS) & MOUNTING DETAILS
- SUSPENDED PLASTER - PAINTED (SEE INTERIOR ELEVATION SHEETS & FINISH SCHEDULE FOR HEIGHTS)

RCP NOTES

1. A-2.01C & A-2.02C ARE FOR LIGHTING FIXTURE LOCATIONS AND SUPERCEDE ELECTRICAL SHEETS FOR LOCATIONS AND RELATIONSHIPS ONLY.
2. SEE ELECTRICAL SHEETS FOR MORE DETAILS ON FIXTURE TYPE...
3. ALL RECESSED CAN FIXTURES WILL BE CENTERED IN CORRIDORS, GYP CEILINGS, GYP CEILING BANDS, AND LAY IN CEILING TILES AS SHOWN.
4. ANY CONFLICTS WITH FIXTURE LOCATIONS BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. ALL LAY IN CEILING TILES SHALL BE CENTERED WITHIN SPACE PER ARCHITECTURAL RCP SHEETS. WHERE THERE ARE SMALL SLIVERS OF TILE ALONG ANY EDGE LESS THAT 3" AND THERE IS A GYP BORDER, THE BORDER MAY INCREASE/DECREASE AS DIRECTED BY THE ARCHITECT.
6. ALL GYP CEILING BORDERS IN CONFERENCE ROOMS ARE 1'-0" FROM FACE OF STUDS TO EDGE OF FRAME UNLESS OTHERWISE NOTED ON PLANS SUCH AS IN LARGE CONFERENCE ROOM.
7. ALL GYP CEILING BORDERS IN CORRIDORS, PUBLIC SPACES, AND OFFICES ARE 1'-6" FROM FACE OF STUD TO EDGES OF FRAME UNLESS OTHERWISE NOTED ON PLANS.
8. ALIGN EDGE OF SOFFITS ALONG EXTERIOR BUMPOUTS WITH INTERIOR FURRING. SOFFITS WILL VARY IN WIDTHS BUT HAVE A CONTINUOUS INTERIOR EDGE.
9. SEE ELEVATIONS FOR WALL MOUNTED FIXTURE HEIGHTS.

Legend:

- 2' X 2' LAY-IN LED LIGHT FIXTURE
- 2' X 4' LAY-IN LED LIGHT FIXTURE
- 2' X 4' RECESSED LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- SUSPENDED LED LINEAR LIGHTING
- 2' FLUORESCENT UNDER-CABINET LIGHT FIXTURE
- CEILING MOUNTED FIXTURE
- RECESSED FIXTURE
- WALL MOUNTED FIXTURE
- EXTERIOR CAN FIXTURE
- COMBINATION VENT AND HEATER
- COMBINATION VENT, LIGHT AND HEATER
- COMBINATION VENT AND LIGHT
- VENT
- EXTERIOR FLOOD LIGHT
- STEP LIGHT
- RECESSED
- WALL SWITCH
- OUTLET
- POWER SUPPLY
- GAS SUPPLY
- INTERNET CONNECTION
- CABLE TV JACK.
- TELEPHONE JACK.
- ELECTRICAL PANEL BOX.
- SMOKE DETECTOR
- WALL VENT
- EXIT SIGN

Schedule of Electrical Fixtures

MARK	DESCRIPTION	COMMENTS
FI	Suspended LED Linear Lighting	
F2	2' x 4' Surface Mounted LED	
F2A	2' x 2' Recessed LED	
F2B	2' x 2' Recessed LED	
F2C	2' x 4' Recessed LED	
F2D	2' x 4' Recessed LED	
F3	2' Undercabinet Light	
F4A	2' X 4' Recessed LED	
F4B	2' X 4' Recessed LED	
F5	2' X 2' Recessed LED	
F5E	2' X 2' Recessed LED	
F6A	Recessed Light	
F6B	Recessed Light	
F6C	Recessed Light @ Wet Locations	
F7A	Decorative Pendant	
F7B	Decorative Pendant	
F8A	Wall Sconce	
F8B	Wall Sconce	
F9A	Wall Mounted LED	
F9B	Wall Mounted LED	
F9C	Wall Mounted LED	
F10	Downlight	
F11	Cove Light	
F12	Emergency Wall Mounted	
F13	Exterior Wall Sconce	
F14	Exterior Wall Sconce	
F15	Exterior Wall Sconce	
F16	Exterior Downlight	
F17	Exterior Canopy	
F18	LED Shop Light	
F19	Flood Light	
F20	Exterior Wall	
F21	Pole Lighting	

1 A-2.02C

Second Floor Plan - Reflected Ceiling Plan

SCALE: 1/8" = 1'-0"

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A-2.02C

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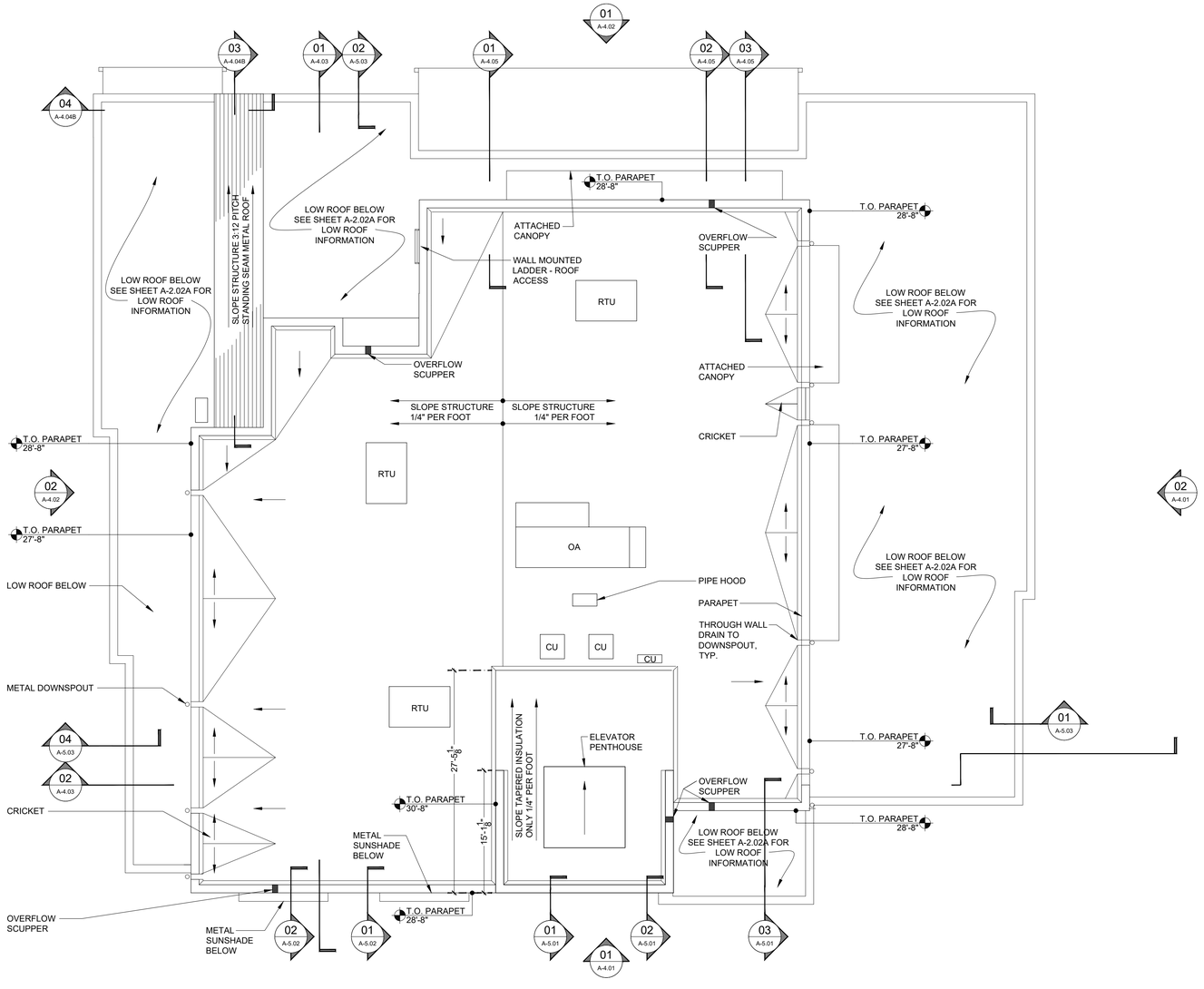

1 Roof Plan
A-2.03A

TRUE NORTH PLAN NORTH
SCALE: 1/8" = 1'-0"

ROOF PLAN NOTES

1. SEE ENLARGED PLANS PER REFERENCE MARK FOR ADDITIONAL INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. PROVIDE FLASHING AT ALL LOCATIONS WHERE ADJACENT WALLS MEET.

3. CONFIRM ALL EQUIPMENT CLEARANCES BEFORE INSTALLATION.

4. REFERENCE MECHANICAL FOR EQUIPMENT SPECIFICS.

5. CONTRACTOR TO COORDINATE THE EXTENT OF ALL PIPING, CONDUIT, VENTS, DUCTS, ETC.., PENETRATING ROOF THROUGHOUT ELECTRICAL AND MECHANICAL DRAWINGS.

6. REFER TO S-7 FOR PLATFORM DIM. CONTRACTOR TO VERIFY ALL EQUIP. DIMENSIONS AND CLEARANCES AS SPECIFIED BY MECH. AND ELEC. ENGINEER WITH PLATFORM DIMENSIONS. NOTIFY ARCH AND STRUCTURAL ENGINEER OF DISCREPANCIES IN PLATFORM FOOTPRINT

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A-2.03A

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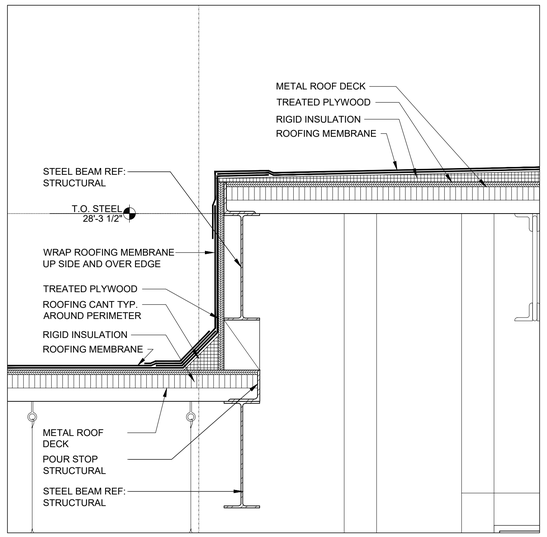
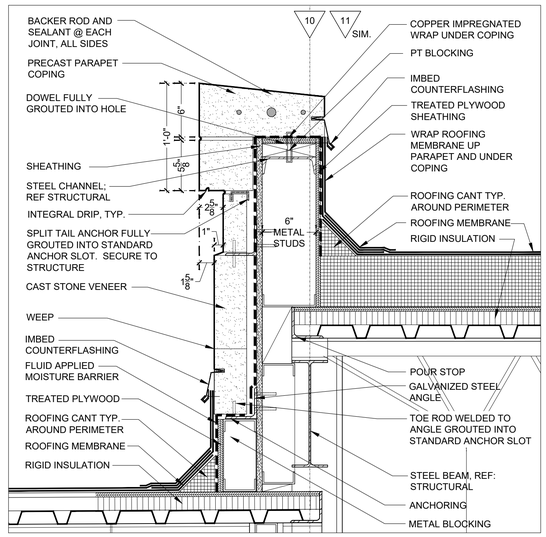
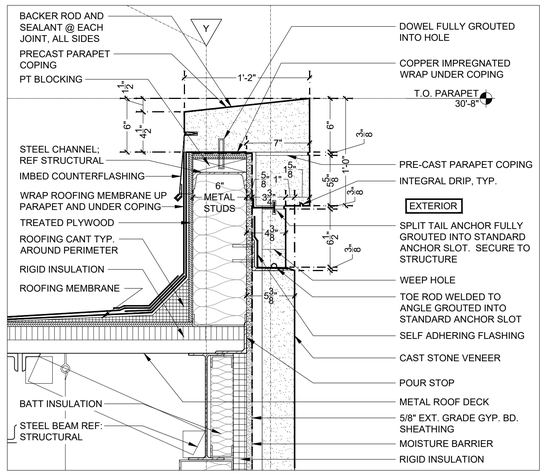


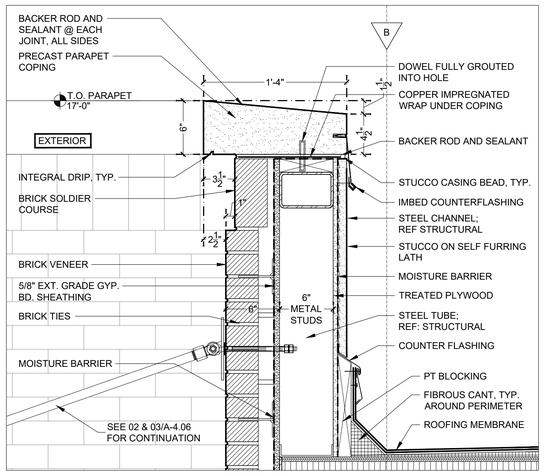
06 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



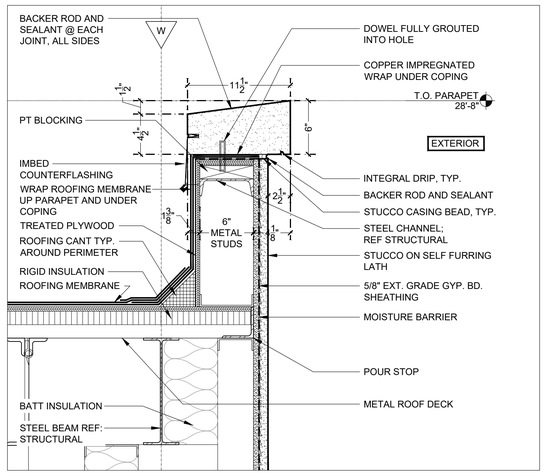
05 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



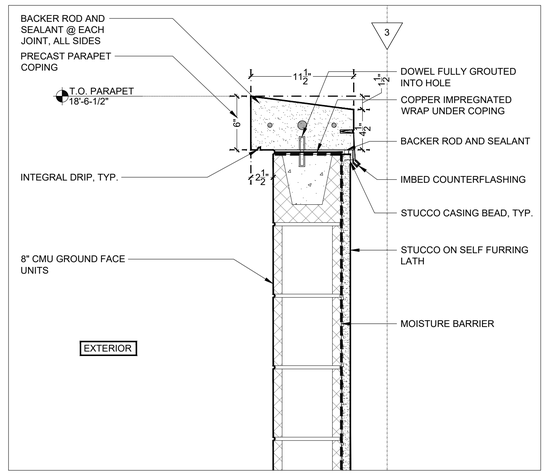
04 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



03 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



02 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"



01 Roof Detail - Parapet Coping
A-2.03B SCALE: 1-1/2" = 1'-0"

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A-2.03B

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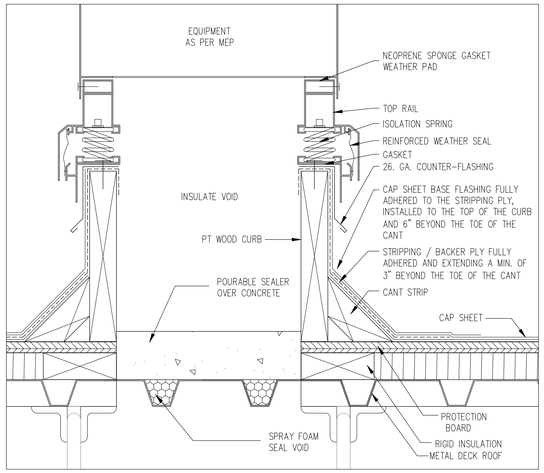
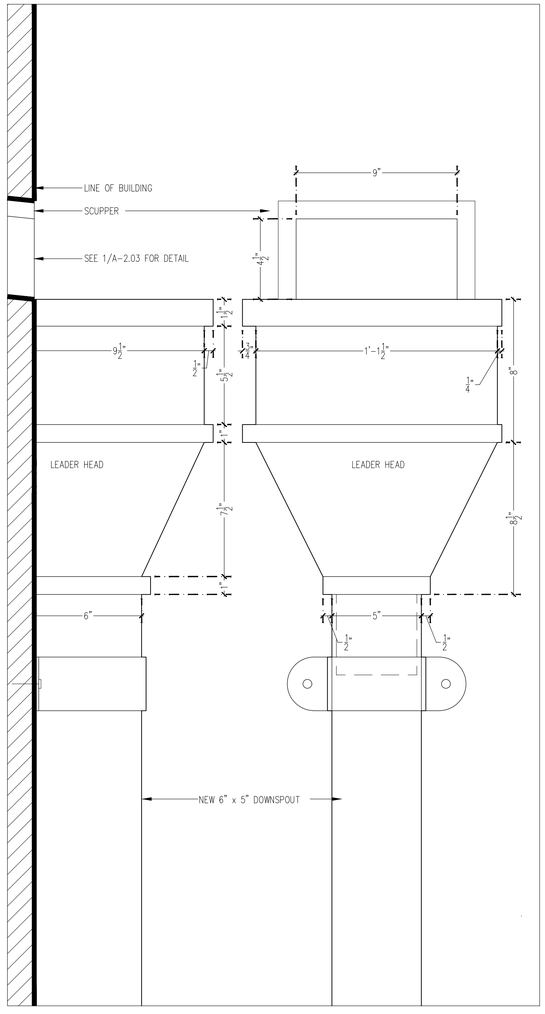


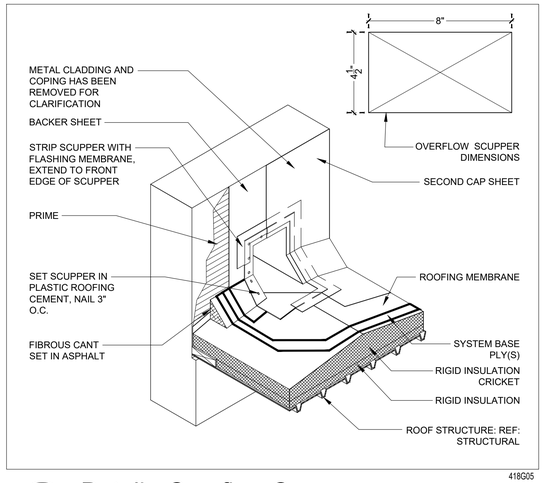
8 Detail - Rooftop Spring Curb

– | A-2.03C SCALE: 3/4" = 1'-0"



5 Detail - Leader Head

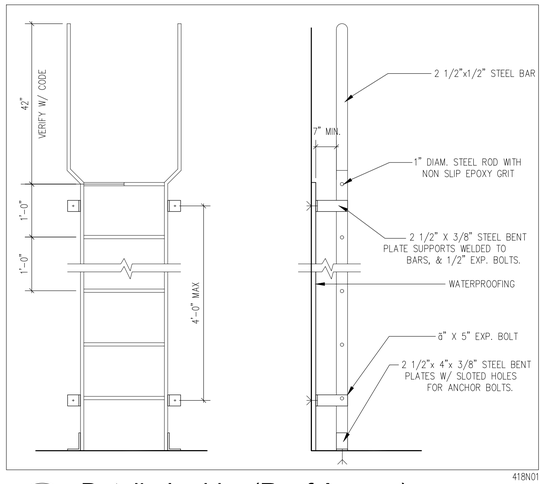
– | A-2.03C SCALE: 3" = 1'-0"



418G05

3 Detail - Overflow Scupper

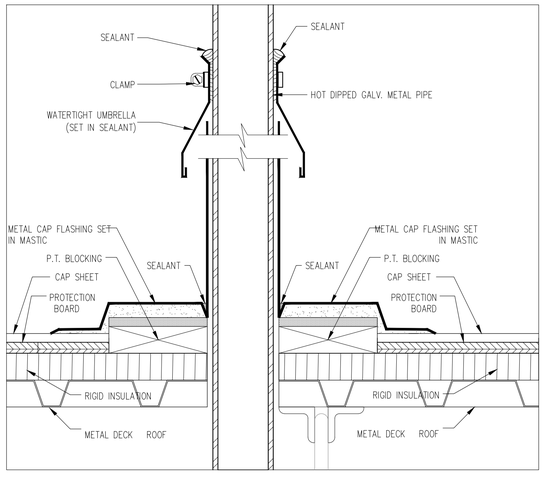
– | A-2.03C SCALE: 3" = 1'-0"



418N01

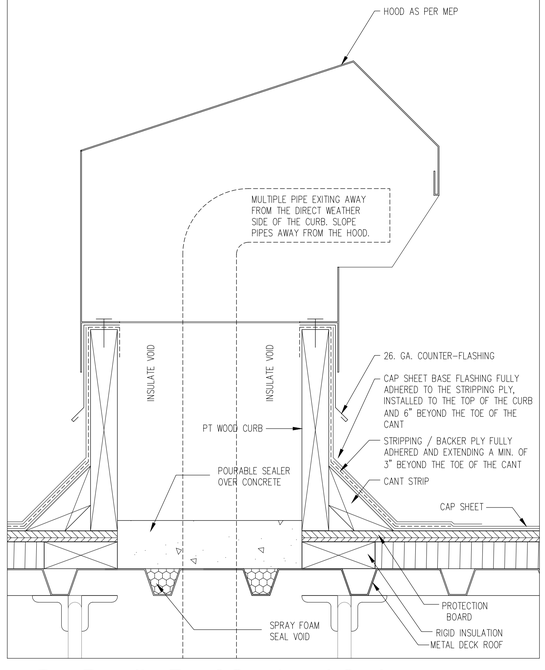
7 Detail - Ladder (Roof Access)

– | A-2.03C SCALE: 3/4" = 1'-0"



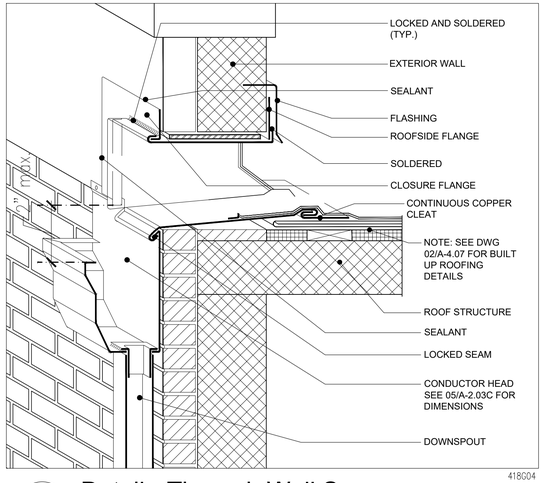
2 Detail - Roof Penetration (typ)

– | A-2.03C SCALE: 3" = 1'-0"



9 Detail - Roof Cowl and Curb

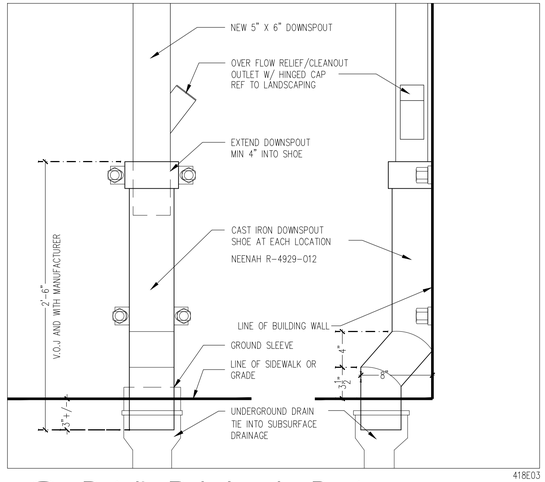
– | A-2.03C SCALE: 3" = 1'-0"



418G04

6 Detail - Through Wall Scupper

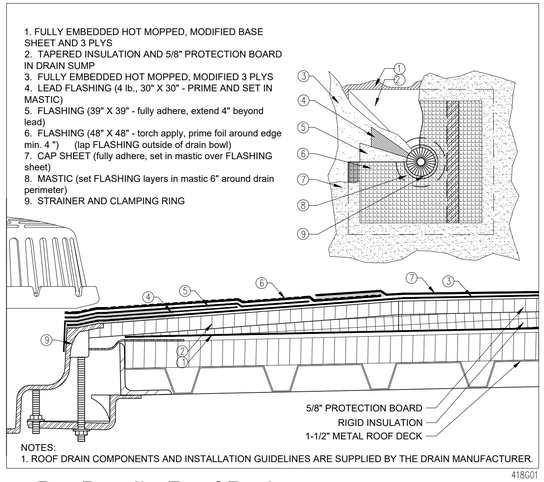
– | A-2.03C SCALE: 3" = 1'-0"



418E03

4 Detail - Rain Leader Boot

– | A-2.03C SCALE: 1-1/2" = 1'-0"



418G01

1 Detail - Roof Drain

A-5.01 | A-2.03C SCALE: 3" = 1'-0"

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Door and Frame Schedule - First Floor

MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HEAD	JAMB	SILL	TRANSOM	FIRE RATING	HARDWARE	STC	REMARKS
							MATERIAL	TYPE								
101	D	6'-0"	8'-2"		EXTERIOR DOOR	ALUM/GLASS	ALUM							31		
104	L	4'-7"	9'-0"		INTERIOR STOREFRONT W/ 3'-0"x8'-0" DOOR, SIDELIGHT & TRANSOM	WOOD/GLASS	ALUM						60 MIN	27		
106.A	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							24	45	
107.A	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							24	45	
107.B	I	5'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							21	45	
107.C	B	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	METAL	HM							2		
108.A	I	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							21	45	
108.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
108.C	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	23		KICK PLATE AT KITCHEN
109	M	7'-4¾"	8'-0"		INTERIOR STOREFRONT W/ 3'-6" DOOR & SIDELIGHT	WOOD/GLASS	ALUM							15		PROVIDE HOLD OPEN
110.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	25		KICK PLATE AT KITCHEN
110.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	25		KICK PLATE AT KITCHEN
111		3'-0"	7'-0"		CASED OPENING		HM							-		
112.B	C	3'-0"	7'-0"		EXTERIOR DOUBLE DOOR	METAL W/ VENT	HM							1		
113	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						60 MIN	2		
114.A	H	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	23		
114.B	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						60 MIN	2		
114C					CASED OPENING		HM							-		
115	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
116	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
117	FF	2'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							11		JANITOR'S CLOSET; SMOKE SEALED
118	FF	2'-3"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		JANITOR'S CLOSET
119	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		
120	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							9		SMOKE SEALED
121	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
122	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
123	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7		SMOKE SEALED
124	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							19		SMOKE SEALED
125	P	16'-7"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	HM							23		SMOKE SEALED
126.A	I	6'-0"	8'-0"		INTERIOR DOUBLE DOORS	WOOD	HM						45 MIN	22		PROVIDE HOLD OPENS FOR BOTH LEAVES
126.B	N	7'-4"	8'-0"		EXTERIOR STOREFRONT W/ 3'-0" DOOR & SIDELIGHT	ALUMINUM	ALUM							31		
127	O	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM						45 MIN	22		PROVIDE HOLD OPENS FOR BOTH LEAVES
128.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	24	50	
128.B	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR W/ SIDELIGHT	WOOD/GLASS	HM						45 MIN	24	50	
129		2'-9"	8'-0"		CASED OPENING		HM							-		
130.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
130.B	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
131		5'-6"	8'-0"		CASED OPENING		HM							-		
132	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM						45	12		SMOKE SEALED
133.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
133.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
134.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17	45	
134.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17	45	
135.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24		SMOKE SEALED
135.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	ALUM/GLASS	ALUM							3		
136.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
136.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	ALUM/GLASS	ALUM							3		
137					CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
138					CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
139.A	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
139.B	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							28	45	
140.A	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							24	45	SMOKE SEALED
140.B	A	3'-0"	8'-0"		EXTERIOR SINGLE DOOR	METAL/GLASS	ALUM							3		
141		5'-0"	8'-0"		CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
142		4'-6"	8'-0"		CASED OPENING		WOOD							-		PROVIDE 2" WOOD CASING
143	FF	3'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	10		
144	B	2'-4"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM							2		
150					ELEVATOR FIRE GUARD BARRIER		HM							32		REFER TO MANUFACTURER FOR OPENING SIZE
150A					ELEVATOR FIRE GUARD BARRIER		HM							32		REFER TO MANUFACTURER FOR OPENING SIZE

* ALL EXTERIOR DOORS SHALL BE LARGE MISSILE IMPACT RESISTANT AND SHALL BE ABLE TO RESIST MPH. AND INTERNAL AND EXTERNAL WIND PRESSURES.

** REFERENCE SPECIFICATIONS FOR HARDWARE SCHEDULE

*** ALL FRAMES FOR FIRE RATED STOREFRONT DOORS ARE TO BE ALUMINUM

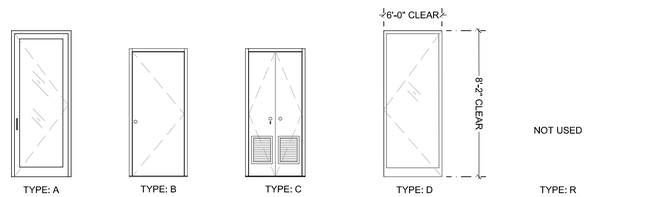
Door and Frame Schedule - Site

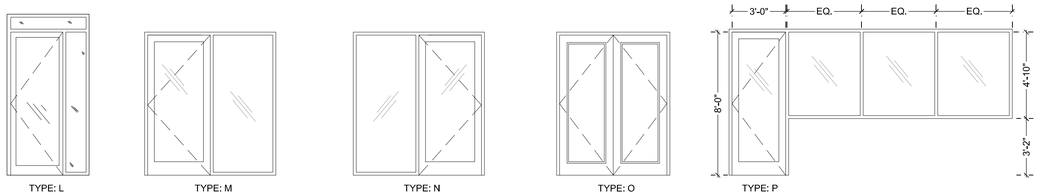
MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HARDWARE
							MATERIAL	TYPE	
145	WIRE	3'-0"	7'-0"		EXTERIOR GATE		PIPE		HW-39
146	WIRE	6'-0	7'-0"		EXTERIOR GATE	CHAINLINK	PIPE		HW-39
148	FLUSH	6'-0"	7'-0"		DOUBLE DOOR W/ LOUVERED W/ FLOOD VENT	HOLLOW METAL	HM		HW-5
149	FLUSH	6'-0"	7'-0"		DOUBLE DOOR W/ LOUVERED W/ FLOOD VENT	HOLLOW METAL	HM		HW-5

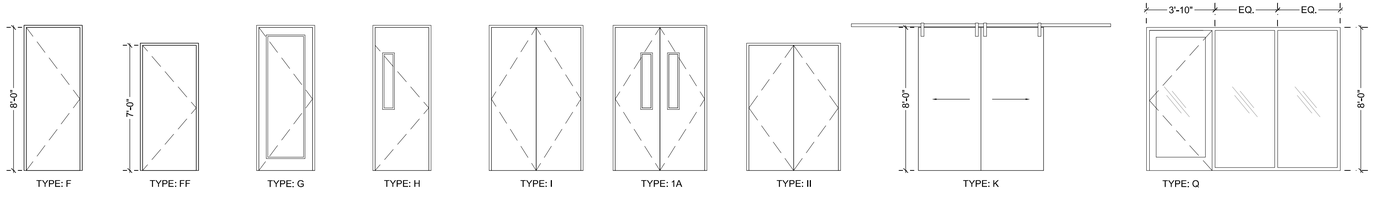
NOTE: REFER TO SHEET A1.02C FOR DOOR ELEVATIONS

Door and Frame Schedule - Second Floor

MARK	TYPE	WIDTH	HT	TH K.	DESCRIPTION	DOOR MATERIAL	FRAME		HEAD	JAMB	SILL	TRANSOM	FIRE RATING	HARDWARE	STC	REMARKS
							MATERIAL	TYPE								
201	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							13		
202.A	IA	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM							6	40	
202.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							26	40	
204	L	4'-7"	9'-0"		INTERIOR STOREFRONT W/ 3'-0"x8'-0" DOOR, SIDELIGHT & TRANSOM	WOOD/GLASS	ALUM						60 MIN	27		
205.A	IA	6'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD/GLASS	HM							6	40	
205.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							26		
206	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						45 MIN	2		SMOKE SEALS
207		3'-0"	8'-0"		CASED OPENING		HM							-		
208.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7		
208.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							20	50	
209	Q	11'-3"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	HM							20		
210	M	5'-5"	8'-0"		INTERIOR STOREFRONT W/ 3'-0" DOOR	WOOD/GLASS	ALUM							20		
211	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							20		
212	G	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD/GLASS	HM							20		
213	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						60 MIN	27		
214	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							16		
216	II	4'-0"	7'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							5		
217	FF	2'-6"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							15		
218	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
219	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							29		
220	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
221	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
222	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM						45 MIN	12		
223.A	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
223.B	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							24	45	
224	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM						45 MIN	8		
225	I	4'-0"	8'-0"		INTERIOR DOUBLE DOOR	WOOD	HM							4		
226	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							7	50	
227	K	7'-0"	8'-0"		INTERIOR DOUBLE SLIDING BARN DOOR	WOOD	GYP.							30		
228	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
229	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
230	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
231	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							18	50	
232	FF	3'-0"	7'-0"		INTERIOR SINGLE DOOR	WOOD	HM							17		
233	F	3'-0"	8'-0"		INTERIOR SINGLE DOOR	WOOD	HM							16		
234	B	3'-0"	7'-0"		EXTERIOR SINGLE DOOR	METAL	HM						45 MIN	2		SMOKE SEALS







Door Types

SCALE: 1/4" = 1'-0"

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Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

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07/12/2023
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Door/Window Types & Schedules

Sheet

A-3.01A

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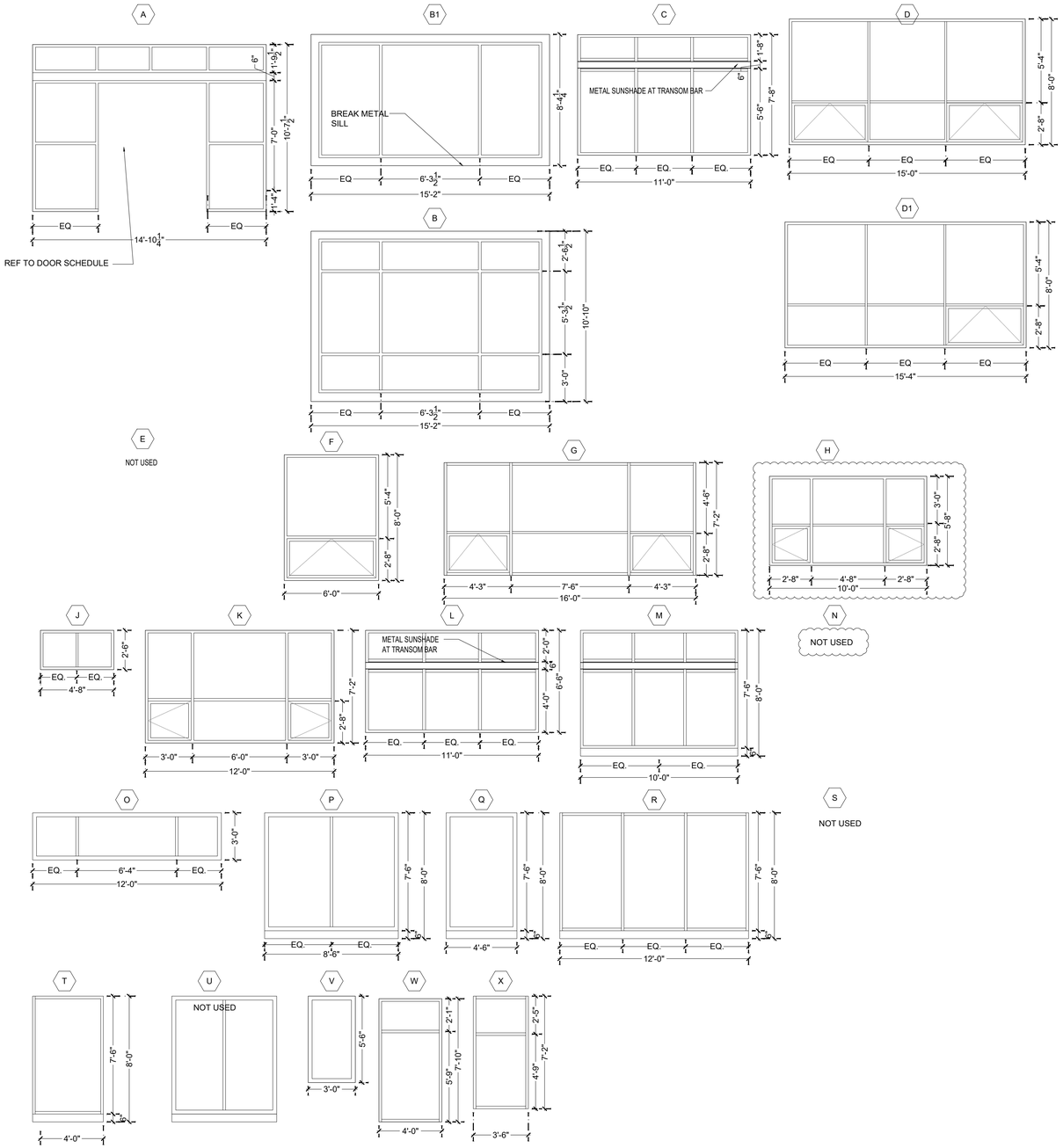

Exterior Window Types

A-3.01B

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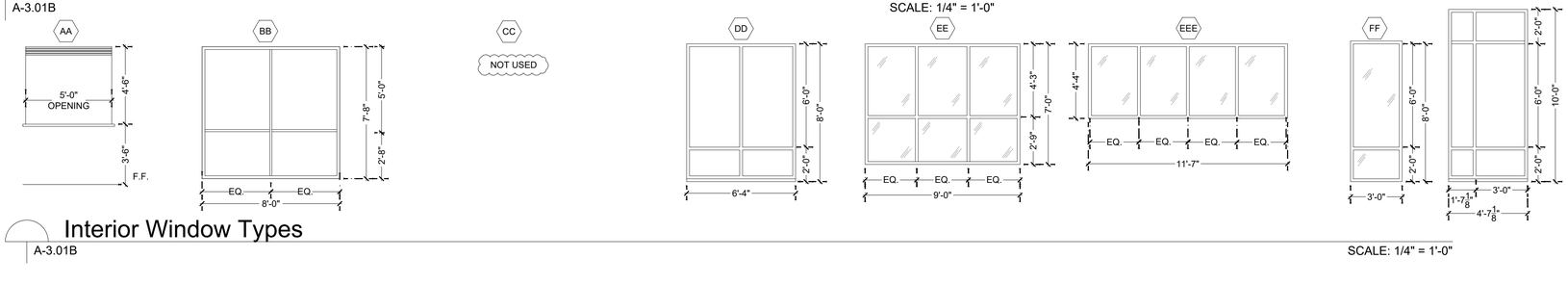

Interior Window Types

A-3.01B

SCALE: 1/4" = 1'-0"

Window Schedule

MARK	FRAME	FINISH OPENING		SILL HEIGHT A.F.F.	DETAILS			FIRE RATING	REMARKS
		WIDTH	HEIGHT		HEAD	JAMB	SILL		
A	ALUM/GLASS	14' - 10.25"	11' - 2"	0' - 0"					
AA	ALUM/GLASS	5' - 0"	4' - 6"	3'- 6"				45 MIN.	ELECTRIFIED - ROLL UP WINDOW
B	ALUM/GLASS	14' - 2"	9' - 10"	0' - 0"					STOREFRONT SYSTEM
BB	ALUM/GLASS	8'-0"	7'-8"	0'-0"					INTERIOR STOREFRONT
B1	ALUM/GLASS	14' - 2"	7' - 4"	4"					STOREFRONT SYSTEM
C	ALUM/GLASS	11' - 0"	7' -8"	2' - 10"					STOREFRONT SYSTEM WITH TRANSOM BAR AND METAL SUNSHADE
D	ALUM/GLASS	15' - 0"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOWS
D1	ALUM/GLASS	15' - 4"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOW
DD	ALUM/GLASS	6 '- 4"	8 '- 0"	0' - 0"				SMOKE	STOREFRONT UNIT
E	-	-	-	-					NOT USED
EE	ALUM/GLASS	9' - 0"	7' - 0"	1' - 0"					
EEE	ALUM/GLASS	11'- 7"	4'- 4"	3'- 8"					INTERIOR STOREFRONT
F	ALUM/GLASS	6' - 0"	8' - 0"	1' - 2"					STOREFRONT WITH OPERABLE AWNING WINDOW
FF	ALUM/GLASS	3' - 0"	8' - 0"	0' - 0"					
G	ALUM/GLASS	16' - 0"	7' - 2"	1' - 6"					STOREFRONT WITH OPERABLE AWNING WINDOW
GG	ALUM/GLASS	4' - 7 1/8"	10' - 0"	0' - 0"				SMOKE	STOREFRONT UNIT
H	ALUM/GLASS	10' - 0"	5' - 8"	3' - 0"					STOREFRONT WITH OPERABLE CASEMENT WINDOWS
J	ALUM/GLASS	4' - 8"	2' - 6"	6' - 2"					
K	ALUM/GLASS	12' - 0"	7' - 2"	1' - 6"					
L	ALUM/GLASS	11' - 0"	6' - 6"	2' - 6"					STOREFRONT SYSTEM WITH TRANSOM BAR AND METAL SUNSHADE
M	ALUM/GLASS	10' - 0"	8' - 0"	1' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
O	ALUM/GLASS	12' - 0"	3' - 0"	5' - 0"					
P	ALUM/GLASS	8' -6"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
Q	ALUM/GLASS	4' - 6"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
R	ALUM/GLASS	12' - 0"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
T	ALUM/GLASS	4' - 0"	8' - 0"	0' - 0"					STOREFRONT UNIT WITH 6" BOTTOM MULLION
V	ALUM/GLASS	3' - 0"	5' - 6"	2' - 6"					
W	ALUM/GLASS	4' - 0"	8' - 0"	2' -10"					STOREFRONT UNIT WITH TRANSOM BAR
X	ALUM/GLASS	3' - 6"	7' - 2"	1' - 6"					

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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Window Types and Head, Jamb & Sill Details

Sheet

A-3.01B

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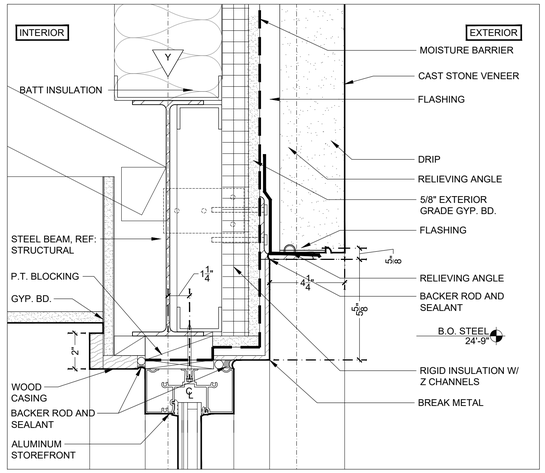
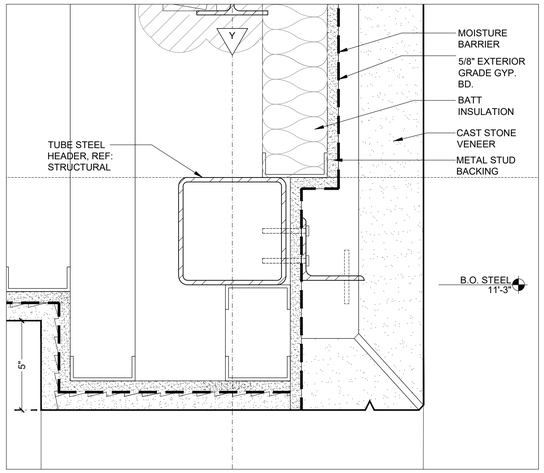


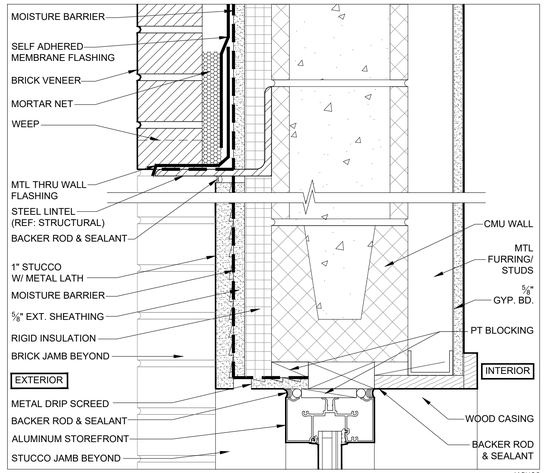
12 Head Detail (Cast Stone Veneer)

A-3.02 · SCALE: 3" = 1'-0"



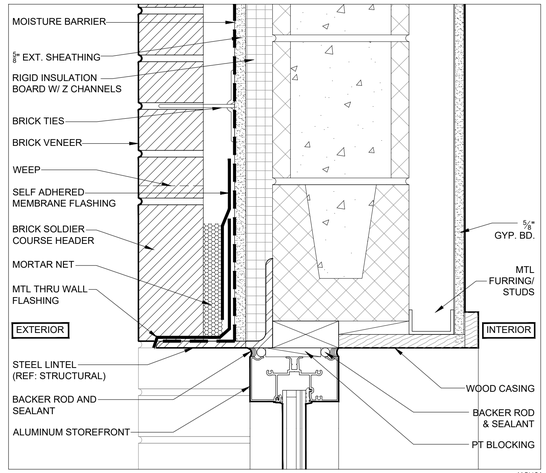
9 Head Detail (Cast Stone Veneer)

A-3.02 @ Entry Lobby SCALE: 3" = 1'-0"



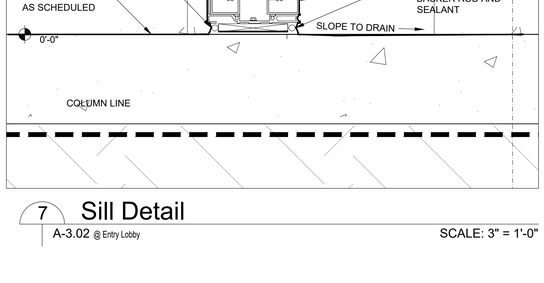
6 Head Detail (Stucco)

A-3.02 · SCALE: 3" = 1'-0"



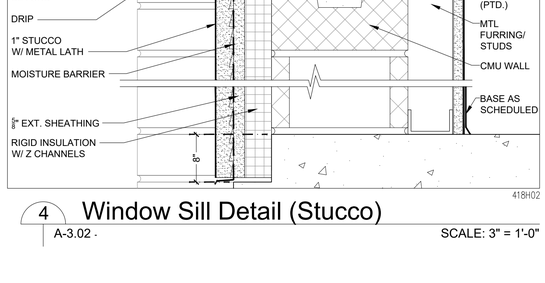
3 Head Detail (Brick Veneer)

A-3.02 · SCALE: 3" = 1'-0"



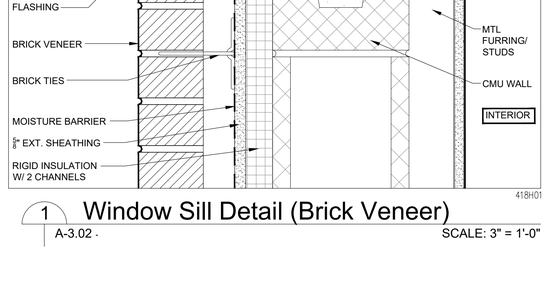
8 Jamb Detail (Cast Stone Veneer)

A-3.02 · SCALE: 3" = 1'-0"



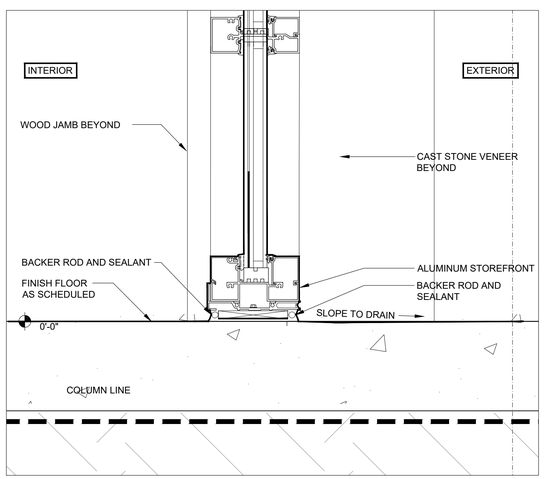
5 Jamb Detail (Stucco)

A-3.02 · SCALE: 3" = 1'-0"



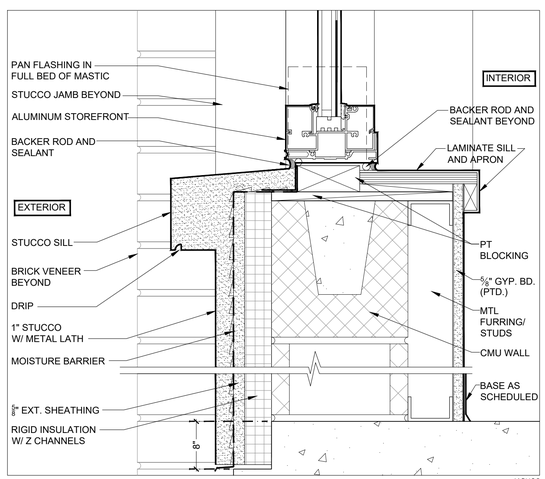
2 Jamb Detail (Brick Veneer)

A-3.02 · SCALE: 3" = 1'-0"



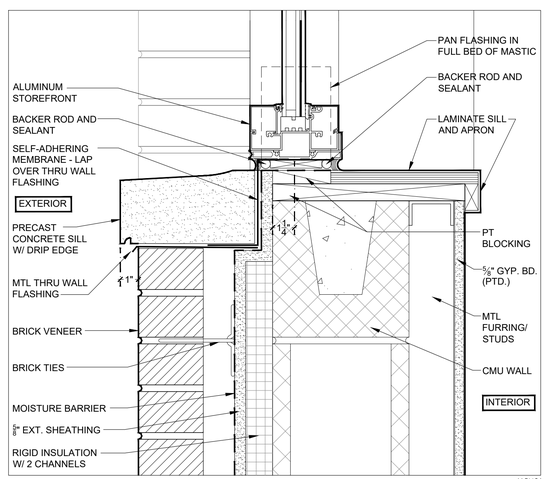
7 Sill Detail

A-3.02 @ Entry Lobby SCALE: 3" = 1'-0"



4 Window Sill Detail (Stucco)

A-3.02 · SCALE: 3" = 1'-0"



1 Window Sill Detail (Brick Veneer)

A-3.02 · SCALE: 3" = 1'-0"

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

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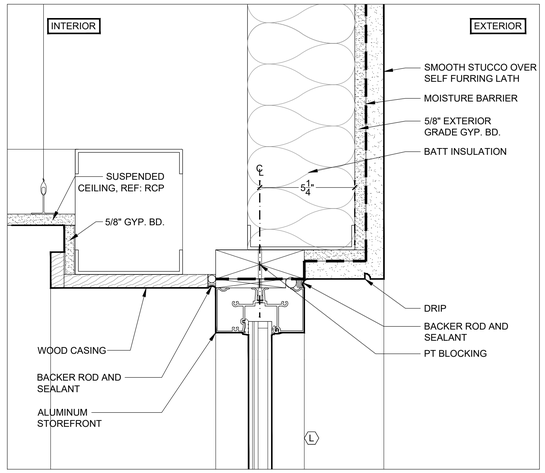
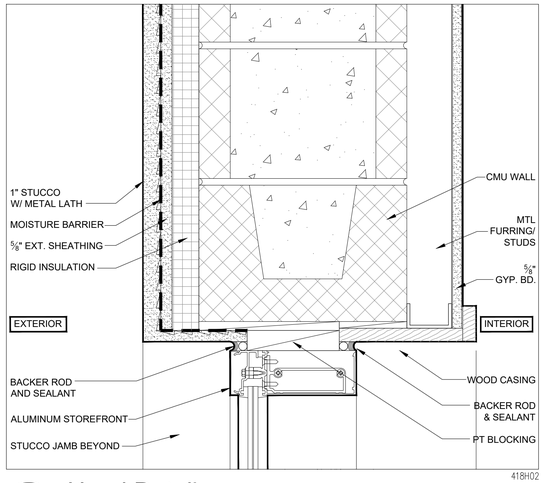
Door/Window Details

Sheet

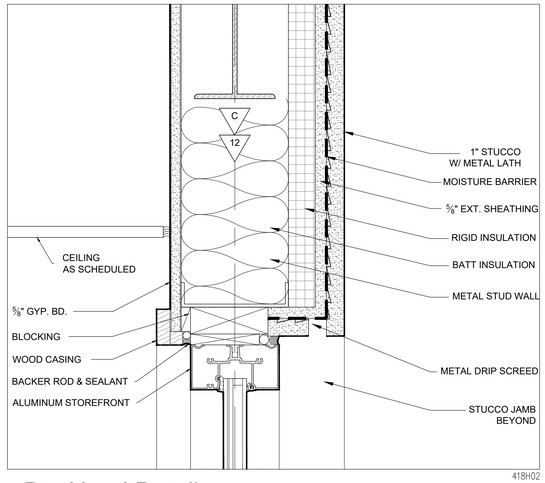
A-3.02



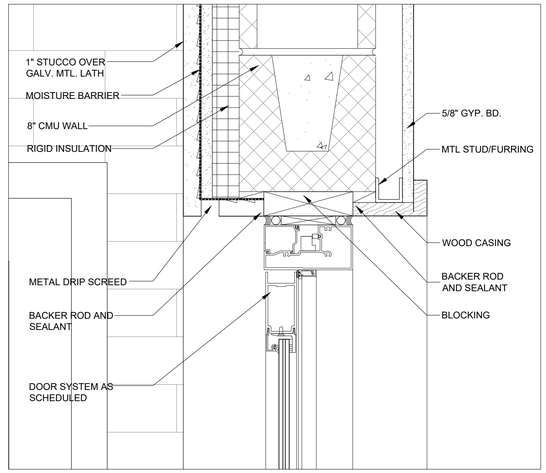
12 Head Detail (Stucco)
A-3.03 · SCALE: 3" = 1'-0"



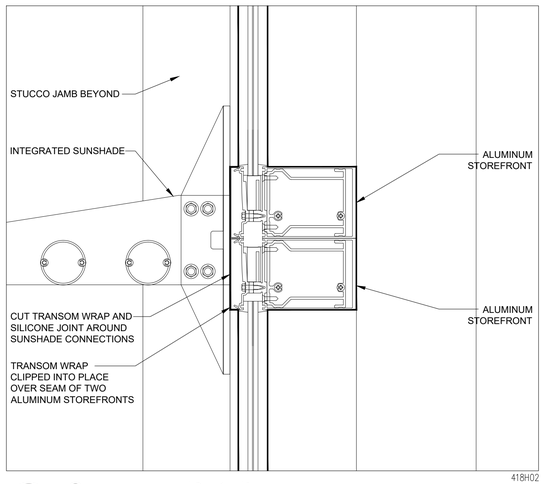
9 Head Detail
A-3.03 SCALE: 3" = 1'-0"



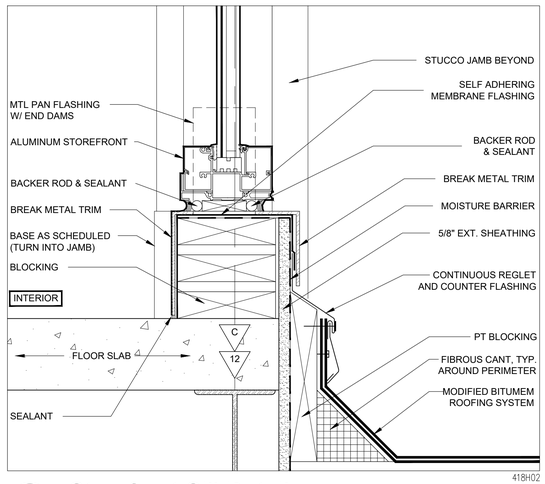
6 Head Detail
A-3.03 SCALE: 3" = 1'-0"



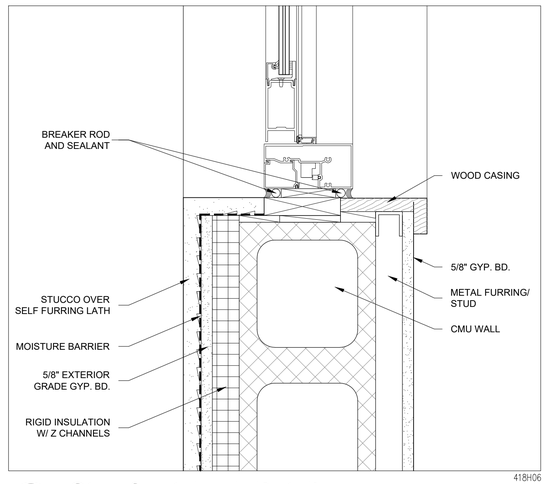
3 Storefront Door Head Detail
A-3.03 @ CMU Wall SCALE: 3" = 1'-0"



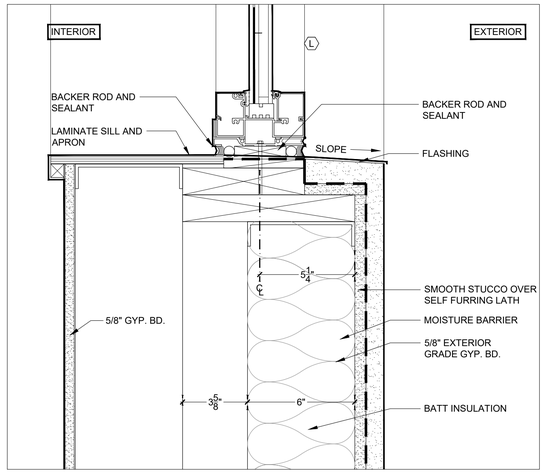
8 Sunshade Detail
A-3.03 SCALE: 3" = 1'-0"



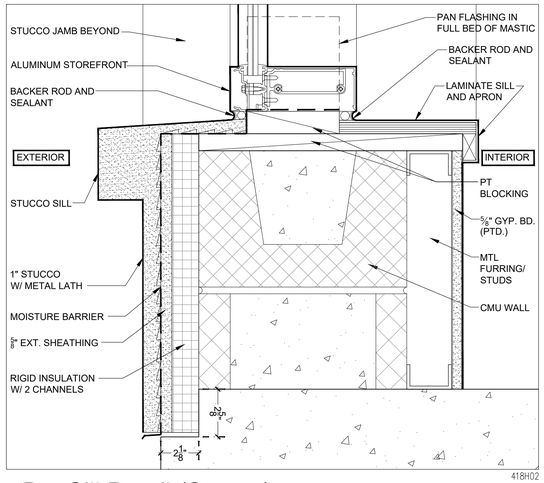
5 Storefront Sill Detail
A-3.03 SCALE: 3" = 1'-0"



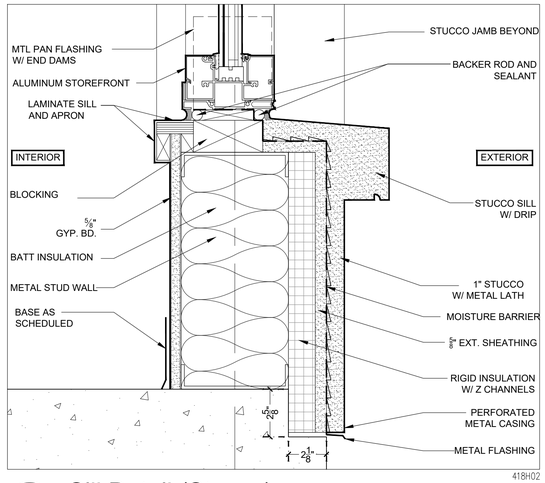
2 Storefront Jamb Detail
A-3.03 · SCALE: 3" = 1'-0"



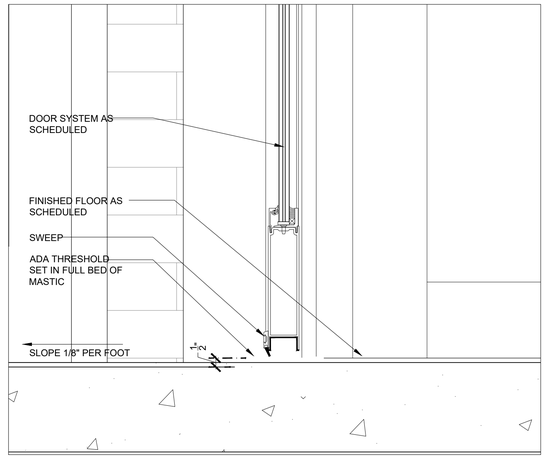
10 Sill Detail (Stucco)
A-3.03 · SCALE: 3" = 1'-0"



7 Sill Detail (Stucco)
A-3.03 · SCALE: 3" = 1'-0"



4 Sill Detail (Stucco)
A-3.03 · SCALE: 3" = 1'-0"



1 Door Sill Detail
A-3.03 · SCALE: 3" = 1'-0"

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BID SET - 2025

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600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
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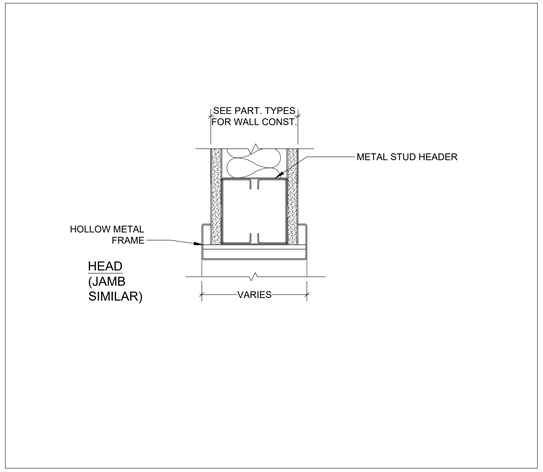
Title

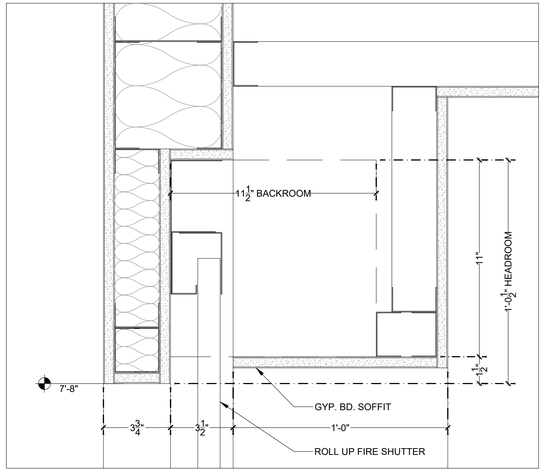
Door/Window Details

Sheet

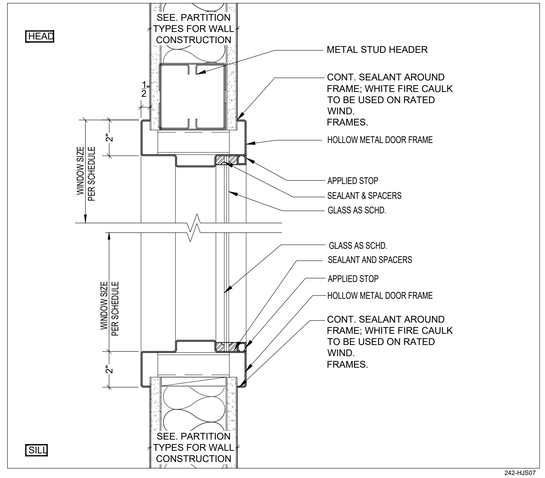
A-3.03



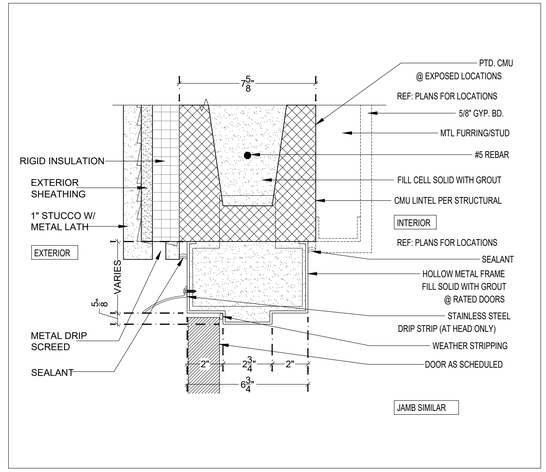
11 Cased Opening Head Detail @ Interior Wall
A-3.04 · SCALE: 3" = 1'-0"



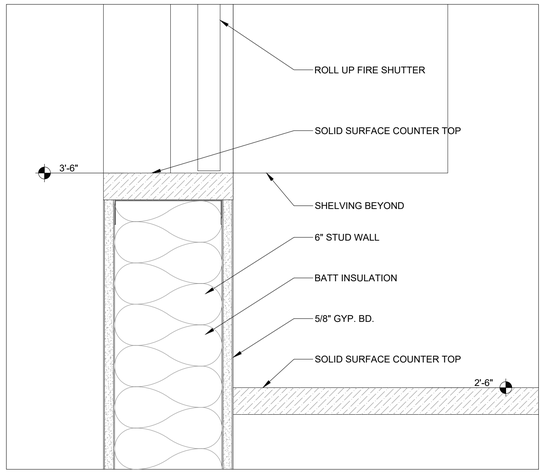
8 Rolling Counter Shutter Head
A-3.04 · SCALE: 3" = 1'-0"



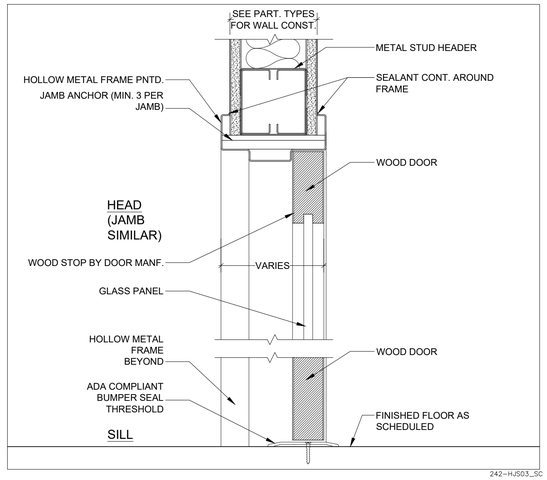
5 Detail @ Interior Storefront Head and Sill
A-3.04 45 MIN. RATED DOOR AS SCHEDULED SCALE: 3" = 1'-0"



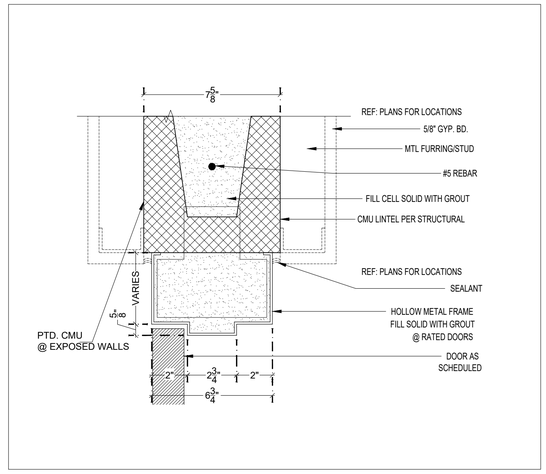
3 Exterior Head Detail @ CMU Block Wall
A-3.04 · SCALE: 3" = 1'-0"



7 Rolling Counter Shutter Jamb
A-3.04 · SCALE: 3" = 1'-0"



5 Interior Door Detail @ Head and Sill
A-3.04 45 MIN. RATED DOOR AS SCHEDULED SCALE: 3" = 1'-0"



2 Head Detail @ CMU Block Wall
A-3.04 · SCALE: 3" = 1'-0"

10 Not Used
A-3.04 · SCALE: 3" = 1'-0"

6 Rolling Counter Shutter Sill
A-3.04 · SCALE: 3" = 1'-0"

4 Interior Door Detail @ Head & Sill
A-3.04 · SCALE: 3" = 1'-0"

1 Jamb Detail @ CMU Block Wall
A-3.04 SCALE: 3" = 1'-0"

9 Not Used
A-3.04 · SCALE: 3" = 1'-0"

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Finish Schedule - First Floor

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	WAINSCOT	REMARKS
101	ENTRY VESTIBULE	BRUSHED CONC.	-	STUCCO	STUCCO	11' - 0"		
101	ENTRY LOBBY	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"		
102	RECEPTION	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"/9'-0"		
103	ELEVATOR	BRUSHED CONC.		CMU		24'-4"		ELEVATOR CAB FINISH FLOOR TO BE VCT OR VCT/WOOD
104	STAIR 1	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	24'-4"		
105	HALL	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
106	RESEARCH/CPU	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10-8"		
107	TRAINING/CLASSROOM 1	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
108	TRAINING/CLASSROOM 2	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	11'-0"/10'-8"		
109	CORRIDOR	VCT	RUBBER COVE	PTD GYP BD	ACT	10'-0"		
110	KITCHEN	QUARRY TILE	QUARRY TILE	PTD CMU/FRP	PTD GYP BD	10'-0"		KITCHEN EQUIPMENT BY CONTRACTOR
111	PANTRY	QUARRY TILE	QUARRY TILE	FRP	PTD GYP BD	9'-0"		WIRE SHELVING BY CONTRACTOR
112	TRASH	BROOM FIN. CONC.	-	PTD MR GYP BD/ CONCRETE	STUCCO	11'-0"		SEE 4/A-4.04B & A-2.01C
113	STAIR 2	POLISHED CONC.	-	PTD CMU	PTD GYP BD	VARIES		
114	CORRIDOR	VCT	RUBBER COVE	PTD CMU/ PTD GYP BD	ACT/ PTD GYP BD	9'-0"/8'-6"		SEE 3/A-4.04B
115	I.T.	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
116	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
117	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	ACT	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
118	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	ACT	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
119	ELECTRICAL	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		
120	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
121	WOMEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
122	MEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
123	DIRECTOR'S OFFICE	VCT*	RUBBER COVE	PTD GYP BD	ACT/PTD GYP BD	9'-0"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
124	BATHROOM	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE/ PTD MR GYP BD	ACT	9'-0"		STOCK CABINETRY BY CONRACTOR / CERAMIC TILE WAINSCOT 5'-0" A.F.F. ON WALLS
125	WORK/LOUNGE	VCT	RUBBER COVE	PTD GYP BD	ACT	9'-0"		STOCK CABINETRY BY CONTRACTOR
126	CORRIDOR	VCT	RUBBER COVE	PTD GYP BD	ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
127	DAY CARE LOBBY	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
128	INFANTS	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
129	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
130	TODDLERS 1	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
131	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
132	UTILITY	CERAMIC TILE	RUBBER COVE	PTD MR GYP BD	PTD GYP BD	9'-0"		STOCK CABINETRY BY CONTRACTOR
133	RESTROOM 1	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	8'-0" /9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 5'-0" A.F.F. ON ALL WALLS
134	STORAGE	VCT	RUBBER COVE	PTD GYP BD	ACT	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
135	TODDLERS 2	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
136	PRESCHOOL 1	VCT	RUBBER COVE	PTD GYP BD	ACT/ PTD GYP BD	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ METAL CHAIR RAIL
137	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
138	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING B CONTRACTOR
139	RESTROOM 2	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	8'-0"*10'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 5'-0" A.F.F. ON ALL WALLS
140	PRESCHOOL 2	VCT	RUBBER COVE	PTD GYP BD	ACT/ GYP BD	10'-0"/9'-0"	PLEXTURE	PLEXTURE WAINSCOT TO 3'-4" A.F.F. ON ALL WALLS CAPPED W/ STAINED WOOD CHAIR RAIL
141	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
142	STORAGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		WELD WIRE SHELVING BY CONTRACTOR
143	STORAGE	POLISHED CONCRETE	RUBBER COVE	PTD CMU	PTD GYP BD	VARIES		SEE A-4.04B
144	HWH	BROOM FIN. CON.		PTD CMU	STUCCO	11'-0"		

NOTES:
REFER TO SHEET A-0.06 FOR ALTERNATES
ALTERNATE #2- REPLACE LVT FOR VCT
ALTERNATE #2- REPLACE WOOD FOR CARPET TILE AT ROOM 205

Finish Schedule - Second Floor

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	WAINSCOT	REMARKS
201	LOBBY	VCT*	RUBBER COVE	PTD GYP BD	PTD GYP BD	11'-0"/VARIES		
202	SMALL CONFERENCE	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-6"		
203	ELEVATOR	BRUSHED CONC.		PTD CMU		24'-4"		
204	STAIR 1	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	24'-4"		
205	BOARD ROOM	CARPET TILE*	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-8"		* WOOD LAMINATE FLOOR ALTERNATE
206	CORRIDOR	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-0"		
207	COPY AREA	CARPET TILE	RUBBER COVE	PTD GYP BD	ACT	9'-0"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
208	DIRECTOR	CARPET TILE	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
209	SMALL CONFERENCE	CARPET	RUBBER COVE	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
210	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
211	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
212	OFFICE	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
213	STAIR 2	POLISHED CONC.	RUBBER COVE	PTD CMU	PTD GYP BD	VARIES		
214	FILE	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD	8'-6"		
215	LOUNGE	VCT	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-3"		STOCK CABINETRY AND SHELVING BY CONTRACTOR
216	I.T.	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
217	JANITOR'S CLOSET	QUARRY TILE	QUARRY TILE	PTD MR GYP BD	PTD GYP BD	8'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" ON ALL WALLS
218	MEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
219	WOMEN'S RESTROOM	CERAMIC TILE	CERAMIC TILE	PTD MR GYP BD	PTD MR GYP BD	9'-0"	CERAMIC TILE	CERAMIC TILE WAINSCOT TO 3'-6" A.F.F. ON ALL WALLS
220	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
221	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
222	ELECTRICAL	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-6"		
223	WAITING	CARPET TILE	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-3"		
224	ELEVATOR EQUIPMENT	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
225	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	8'-0"		
226	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
227	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-3"		
228	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-0"		
229	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	ACT	9'-3"		
230	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-6"		
231	COUNSEL	CARPET TILE	VINYL	PTD GYP BD	PTD GYP BD/ACT	9'-0"/9'-6"		
232	STORAGE	POLISHED CONC.	RUBBER COVE	PTD MR GYP BD	PTD MR GYP BD	9'-0"		
233	STORAGE	POLISHED CONC.	RUBBER COVE	PTD GYP BD	PTD GYP BD	9'-0"		

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

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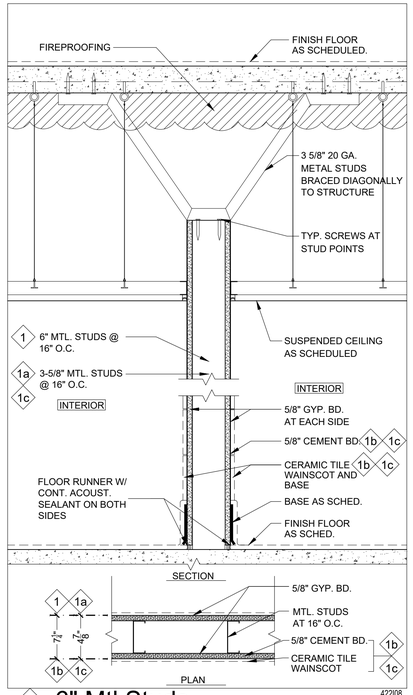
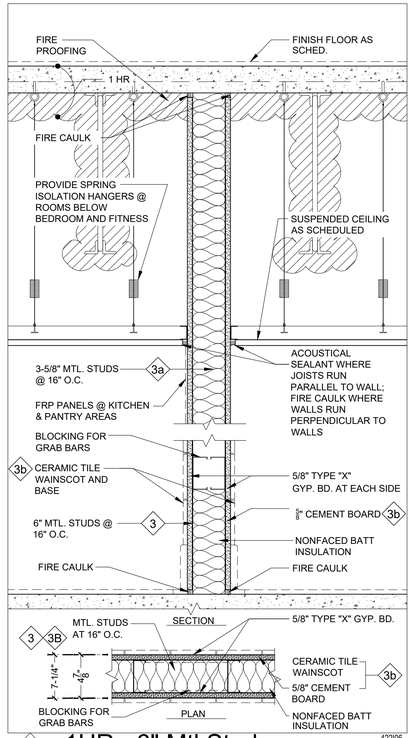
Title
Finish Schedule

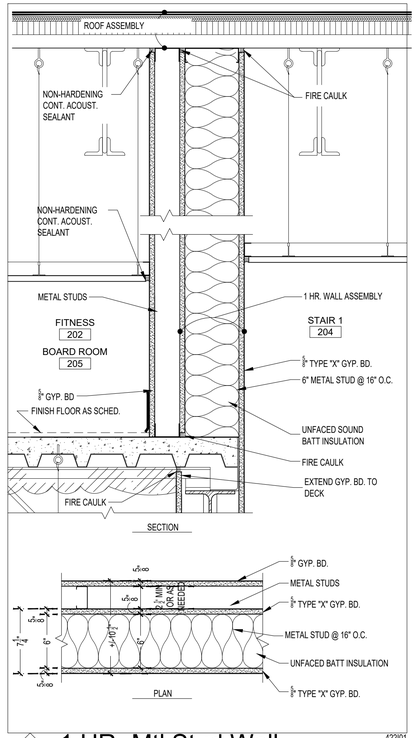
Sheet
A-3.10A



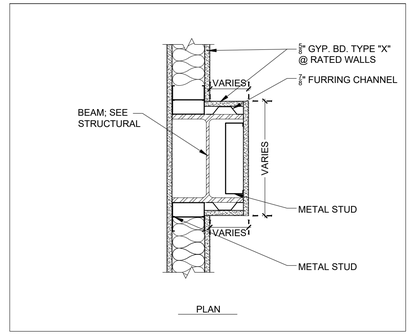
1 6" Mtl Studs
1a 3 5/8" Mtl Studs
1b 6" Mtl Studs w/ Wainscot
1c 3 5/8" Mtl Studs w/ Wainscot
INTERIOR SCALE: 1-1/2" = 1'-0"



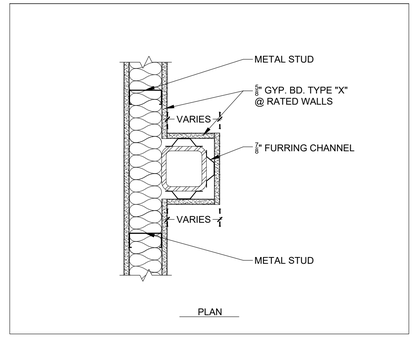
3 1HR - 6" Mtl Stud UL # 465
3a 1HR - 3 5/8" Mtl Stud UL # 465
3b 1HR - 6" Mtl Stud w/ Wainscot
INTERIOR SCALE: 1-1/2" = 1'-0"



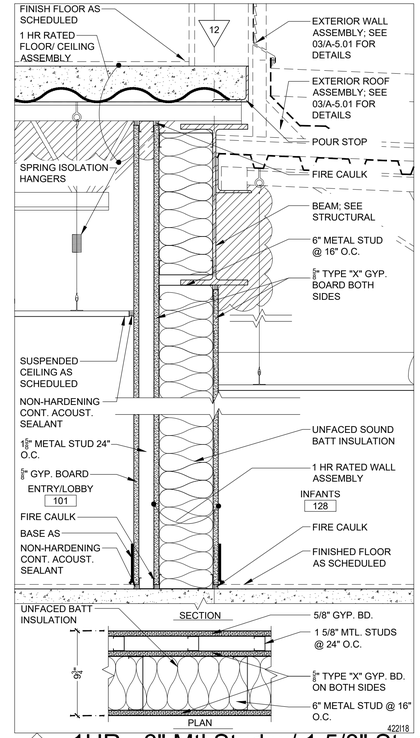
6 1 HR- Mtl Stud Wall
INTERIOR SCALE: 1-1/2" = 1'-0"



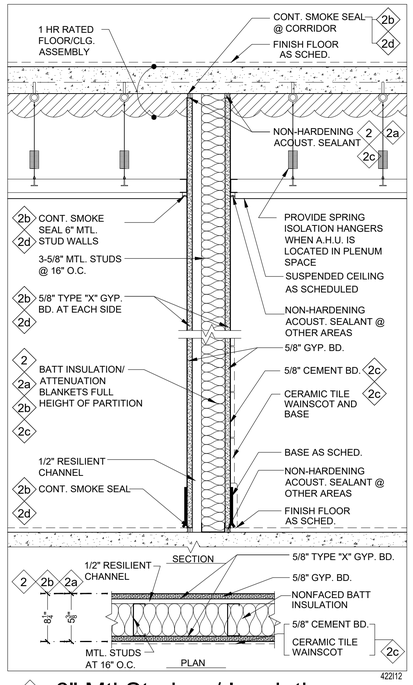
1 Detail @ Wide Flange Column
- A-3.11 SCALE:1 1/2" = 1'-0"



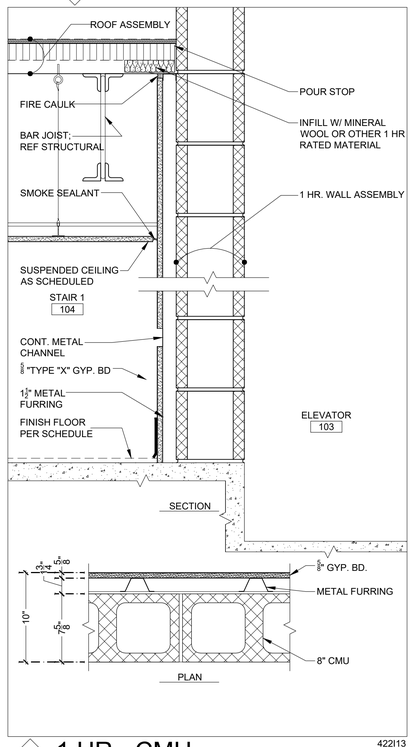
2 Detail @ Tube Steel
- A-3.11 SCALE:1 1/2" = 1'-0"



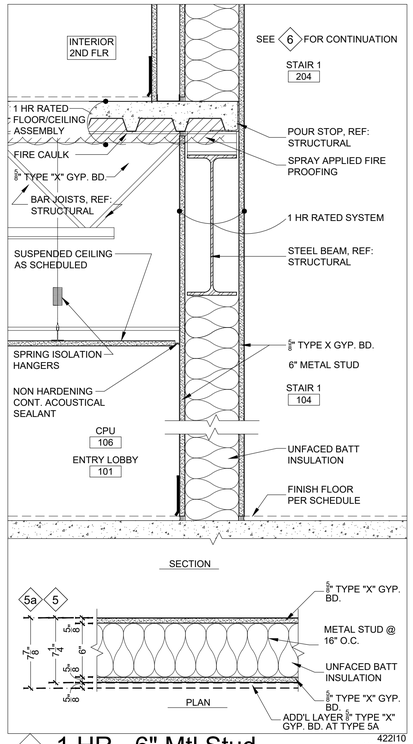
9 1HR - 6" Mtl Stud w/ 1 5/8" Stud
INTERIOR UL #U465 STC 50
SCALE: 1-1/2" = 1'-0"



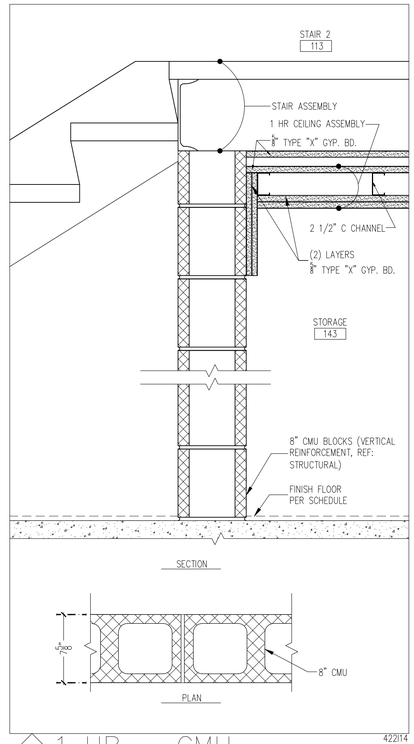
2 6" Mtl Studs w/ Insulation STC 47
2a 3 5/8" Mtl Studs w/ Insulation
2b 6" mtl Stud w/ Insulation (Smoke)
2c 6" mtl Stud w/ Wainscot STC 47
2d 6" mtl Stud non-insulated (Smoke)
INTERIOR



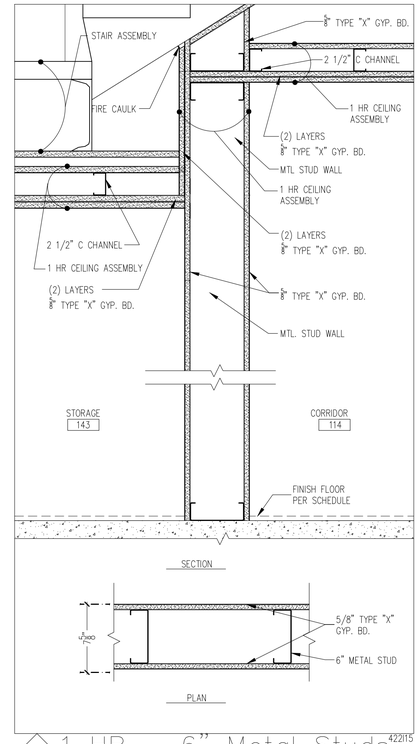
4 1 HR - CMU
INTERIOR SCALE: 1-1/2" = 1'-0"



5 1 HR - 6" Mtl Stud
5a 1 HR - 6" Mtl Stud
INTERIOR SCALE: 1-1/2" = 1



7 1 HR – CMU
INTERIOR SCALE: 1-1/2" = 1'-0"



8 1 HR – 6" Metal Studs
INTERIOR UL# U465
SCALE: 1-1/2" = 1'-0"

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YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

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YWCA of New Orleans
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600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

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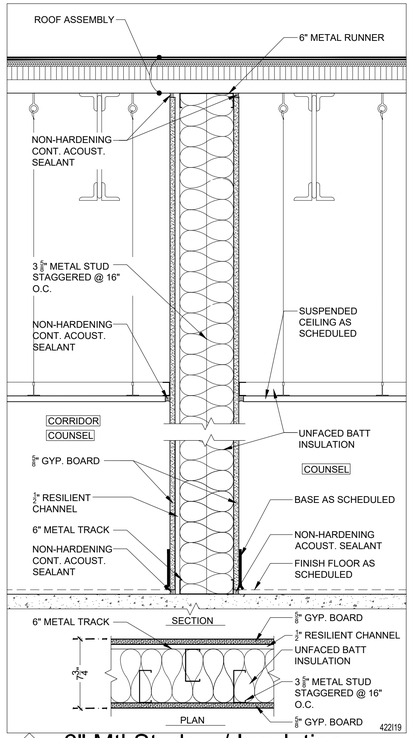
Drawn By	STAFF
Checked By	PMP

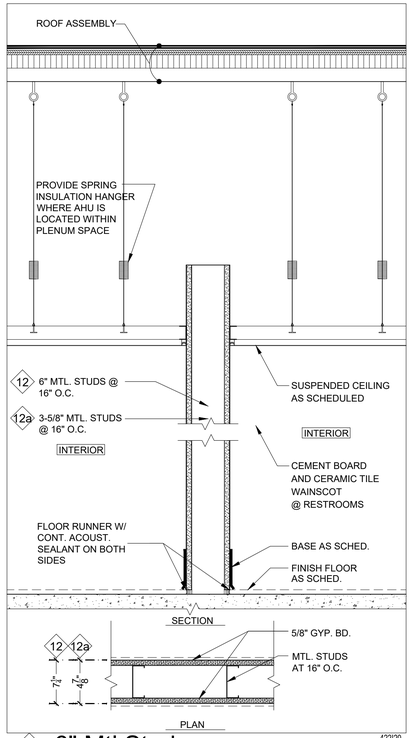
Issue Date
07/12/2023

Title
Partition Types

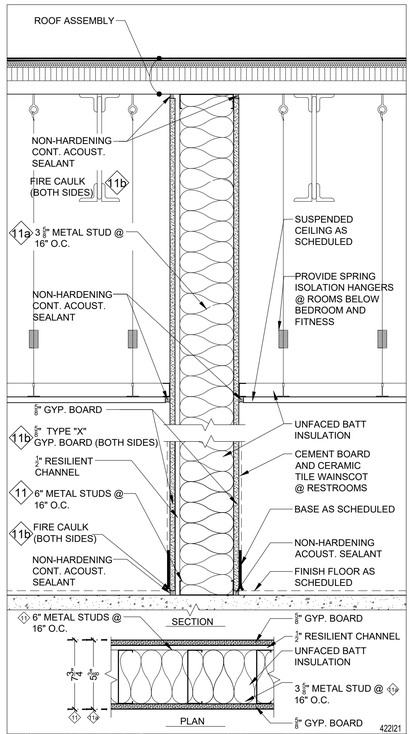
Sheet
A-3.11



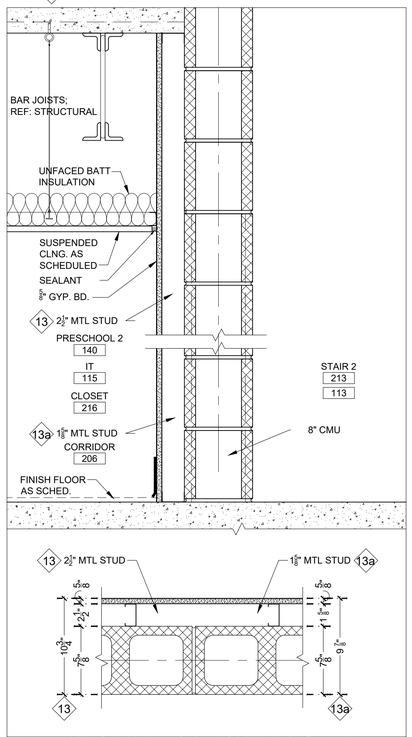
10 6" Mtl Studs w/ Insulation
INTERIOR
STC 50
SCALE: 1-1/2" = 1'-0"



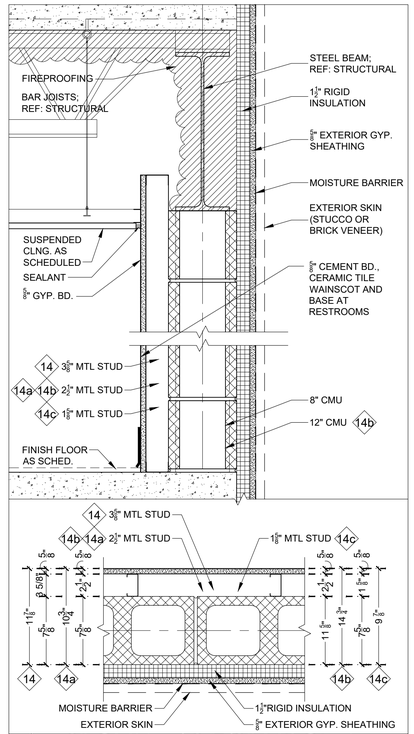
12 6" Mtl Studs
12a 3 5/8" Mtl Studs
INTERIOR
SCALE: 1-1/2" = 1'-0"



11 6" Mtl Studs w/ Insulation
11a 3 5/8" Mtl Studs w/ Insulation
11b 1 -HR 6" Mtl Studs w/ Insulation
INTERIOR
UL # U465
SCALE: 1-1/2" = 1'-0"



13 8" CMU w/ 2 1/2" Mtl Studs
13a 8" CMU w/ 1 5/8" Mtl Studs
INTERIOR
SCALE: 1-1/2" = 1'-0"



14 8" CMU w/ 3 5/8" Mtl Studs
14a 8" CMU w/ 2 1/2" Mtl Studs
14b 12" CMU w/ 2 1/2" Mtl Studs
14c 8" CMU w/ 1 5/8" Mtl Studs
EXTERIOR
SCALE: 1-1/2" = 1'-0"

PARTITION NOTES

1. MOISTURE RESISTANCE GYP TO BE USED IN ALL WET CONDITIONS. (BATHROOMS, UTILITY ROOMS, UTILITY CLOSETS, ETC.)
2. CAULK FULL PERIMETER OF ALL HOUR RATED PARTITIONS (FLOOR, CEILING, ADJACENT WALLS, COLUMNS, ETC.). USE FIRE CAULK OR ACOUSTICAL SEALANT WHEN SEAM IS LEFT EXPOSED.
3. REFER TO FLOOR PLANS FOR PARTITION AND RATED WALL LOCATIONS.
4. STUD GAUGE HEIGHT LIMITATIONS FOR NON-LOADBEARING PARTITIONS:

25GA 2-1/2" @ 1'-4" O.C.	-	12'-0"
22GA 2-1/2" @ 1'-4" O.C.	-	12'-6"
3-5/8" @ 1'-4" O.C.	-	15'-0"
6" @ 1'-4" O.C.	-	18'-0"
20GA 2-1/2" @ 1'-4" O.C.	-	13'-6"
3-5/8" @ 1'-4" O.C.	-	16'-6"
6" @ 1'-4" O.C.	-	20'-6"

5. SEE PROJECT SPECIFICATIONS FOR COMPLETE MATERIALS AND INSTALLATIONS.
6. PROVIDE FIRE DAMPERS IN DUCTS AT RATED PARTITIONS AS REQUIRED BY CODE.
7. PROVIDE ACOUSTICAL SEALANT AT ALL STC RATED WALLS. TWO BEADS @ ALL PERIMIETERS @ STUDS & SURFACE APPLIED AT EDGES OF ALL GYPSUM BOARD, RECESSED ITEMS AND PENETRATIONS.
8. REFER TO STRUCTURAL DRAWINGS FOR ALL LOAD BEARING WALL & SHEAR WALL LOCATIONS. PARTITION TYPES ILLUSTRATE ONLY FIRE RATED & FINISH ASSEMBLIES.
9. PENETRATIONS THROUGH ALL RATED CONSTRUCTION INCLUDING ELEVATOR CONTROLS ON SHAFT WALLS, ELECTRICAL OUTLETS, LIGHT SWITCHES, ETC. SHALL BE SEALED WITH FIRESTOP SYSTEMS OR DEVICES IN ACCORDANCE WITH ASTM E-814/UL 1479 OR ASSEMBLIES IN ACCORDANCE WITH NFPA 251.

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Partition Types

Sheet

A-3.12

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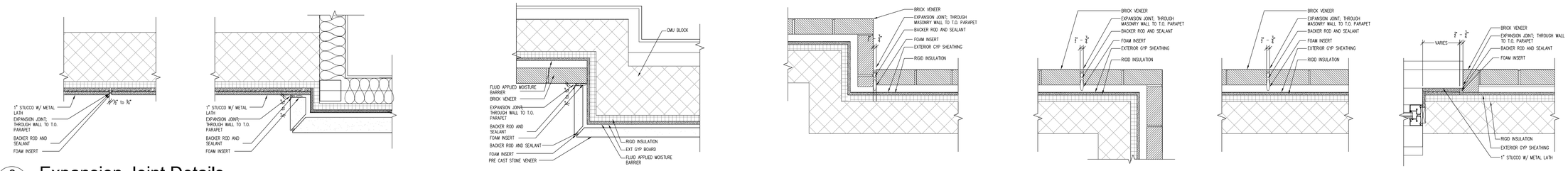
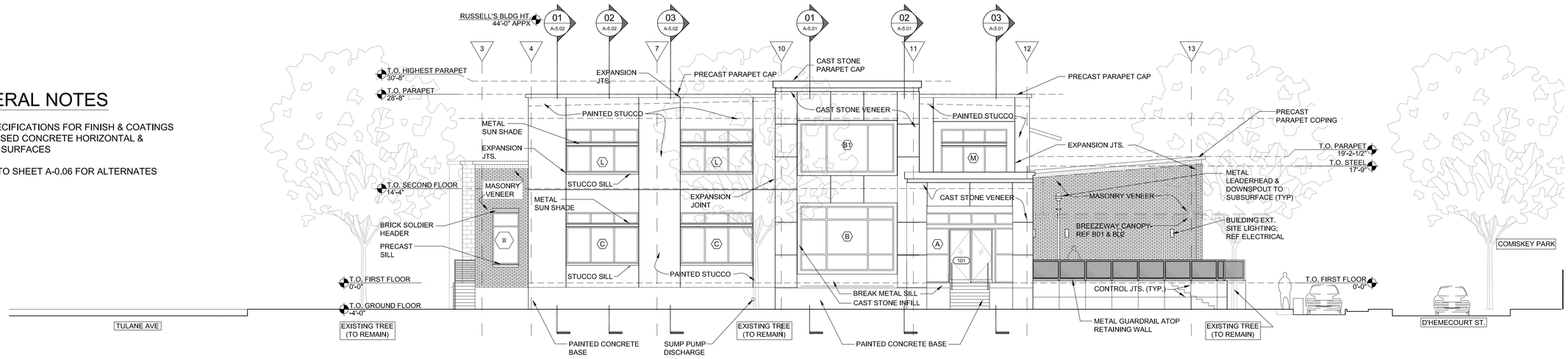


3 Expansion Joint Details

A-4.01A

SCALE: 1" = 1'-0"



1 Front Elevation

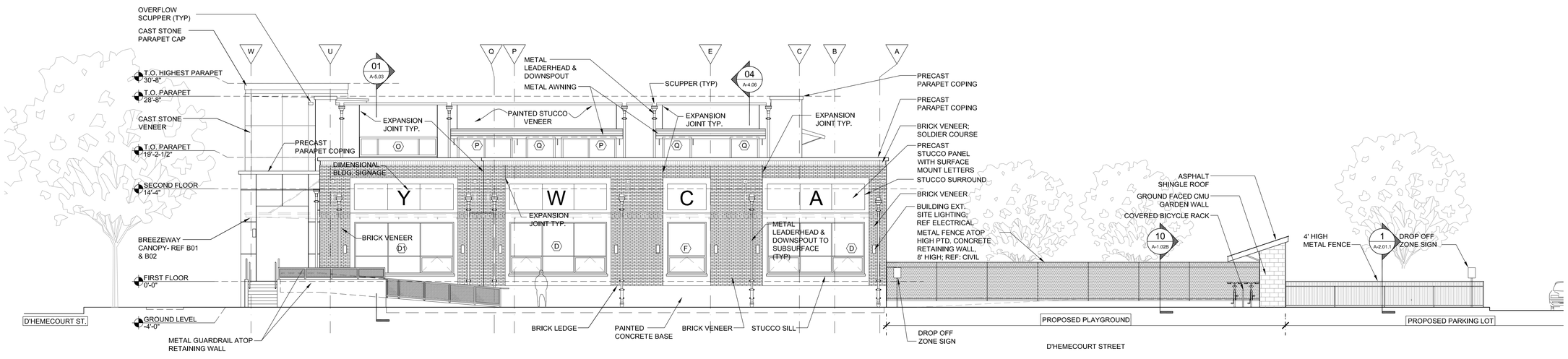
A-4.01A FACING JEFFERSON DAVIS AND PARTIAL CORNER OF TULANE AVE.

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES

2. REFER TO SHEET A-0.06 FOR ALTERNATES



2 Side Elevation

A-4.01A FACING D'HEMECOURT

SCALE: 1/8" = 1'-0"

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Checked By	PMP

Issue Date

07/12/2023
(RE-ISSUE 06/17/2025)

Title

Exterior Elevations

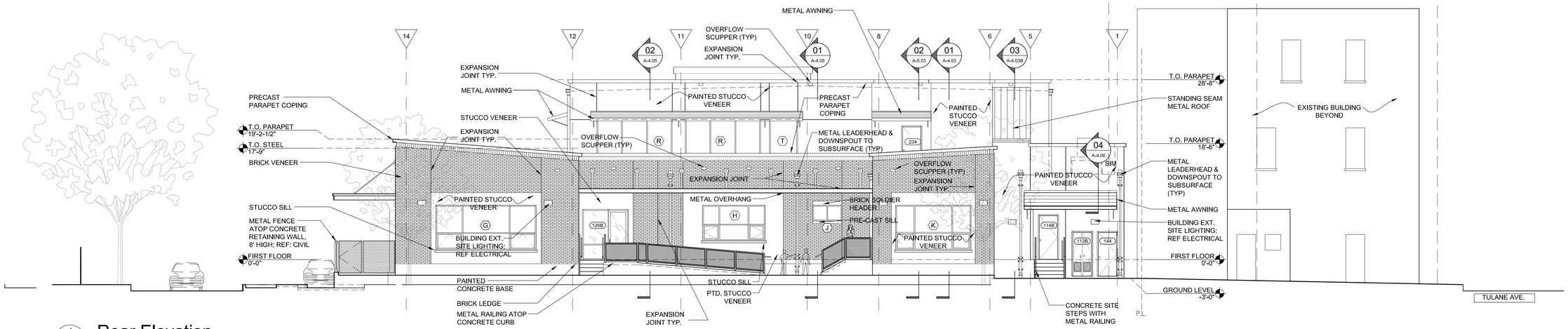
Sheet

A-4.01

GENERAL NOTES

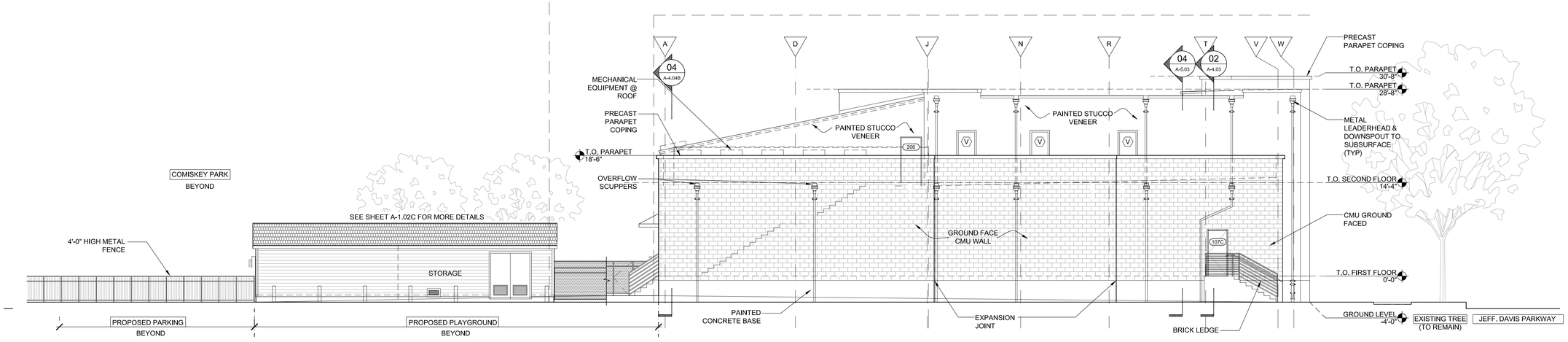
1. SEE SPECIFICATIONS FOR FINISH & COATINGS FOR EXPOSED CONCRETE HORIZONTAL & VERTICAL SURFACES

2. REFER TO SHEET A0.06 FOR ALTERNATES



1 **Rear Elevation**
A-4.01B FACING SOUTH CLARK STREET & PLAYGROUND

SCALE: 1/8" = 1'-0"



2 **Side Elevation**
A-4.01B FACING TULANE AVE.

SCALE: 1/8" = 1'-0"

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Project Number	CN 09418
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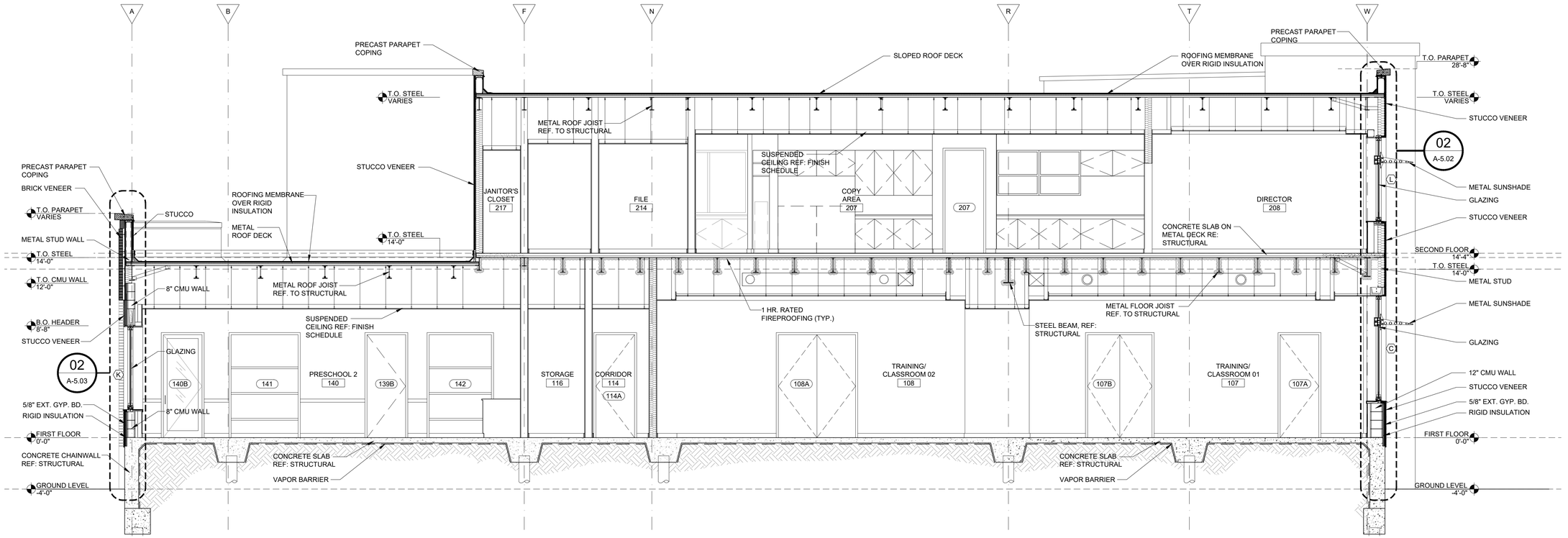
Issue Date
07/12/2023
(RE-ISSUE 06/17/2025)

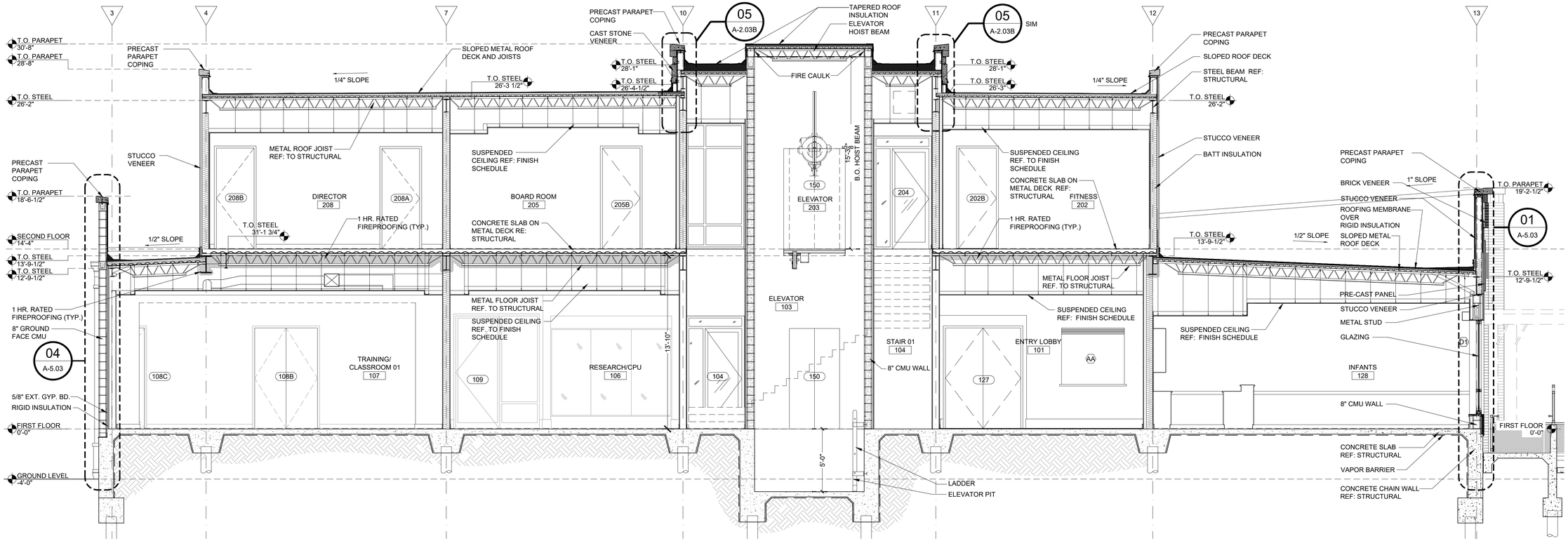
Title
Exterior Elevations

Sheet
A-4.02



1 Building Section
A-4.03

SCALE: 1/4" = 1'-0"



2 Building Section
A-4.03

SCALE: 1/4" = 1'-0"

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Interoffice Data	
Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date

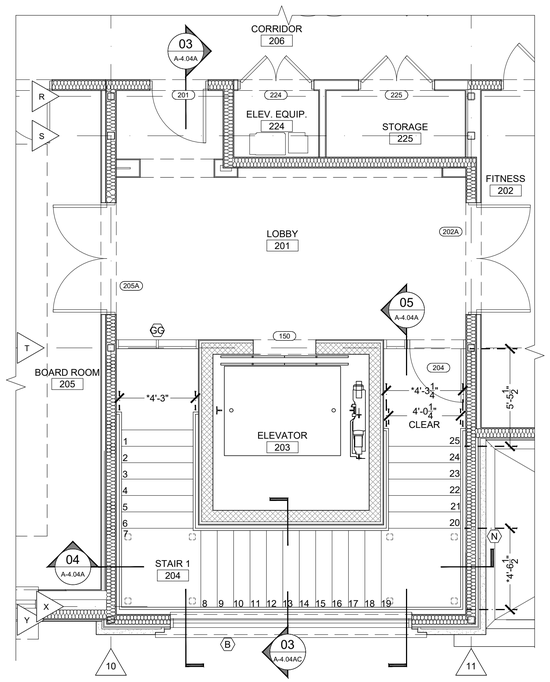
07/12/2023

Title

Building Sections

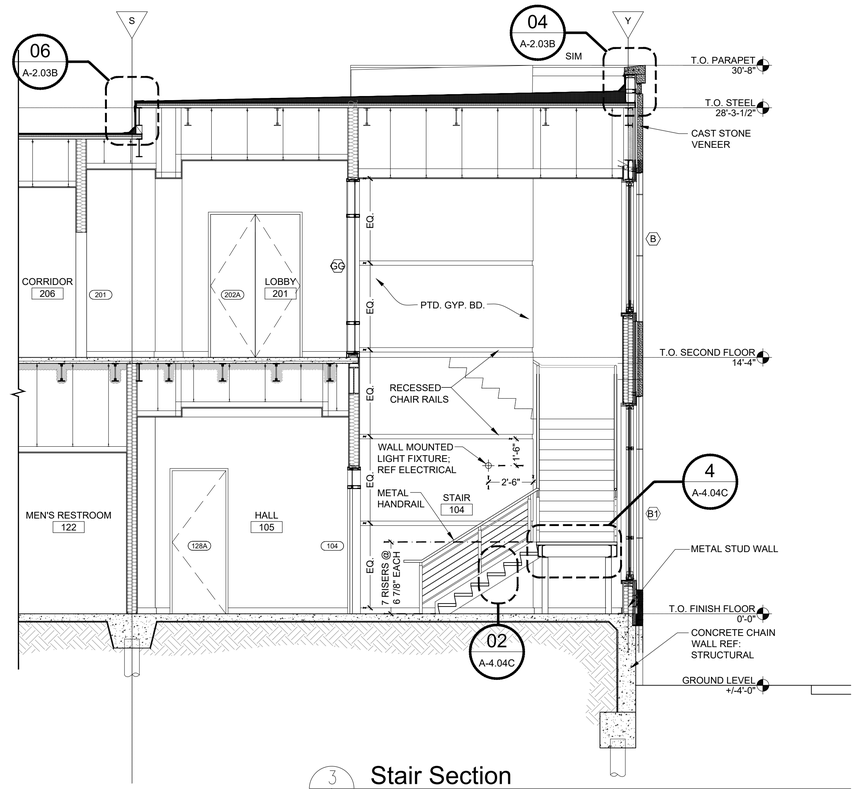
Sheet

A-4.03



2 Second Floor Plan

A-2.02A | A-4.04A STAIR 1 SCALE: 1/4" = 1'-0"

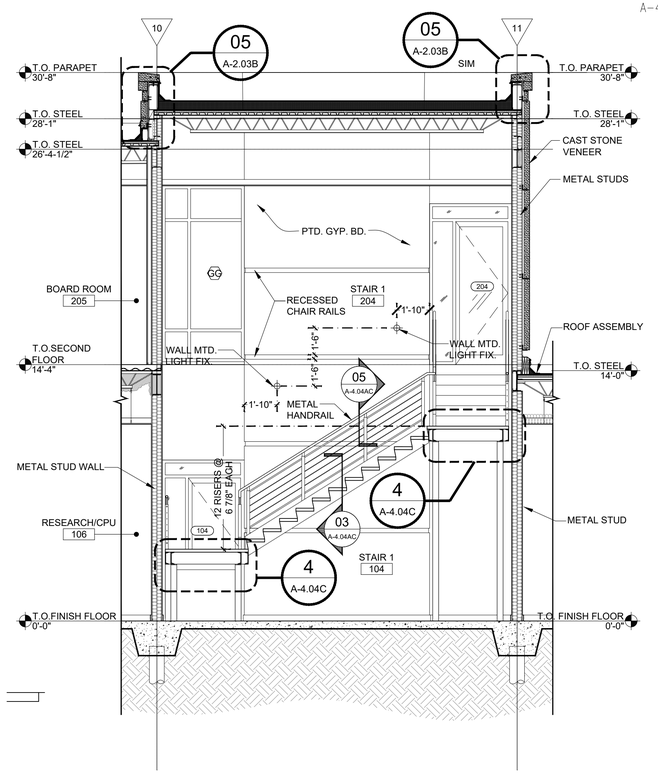


3 Stair Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"

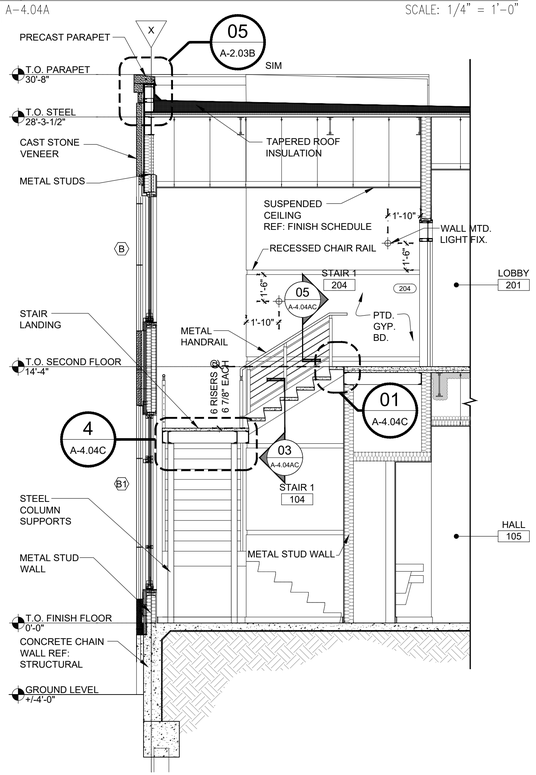
1 First Floor Plan

A-2.01A | A-4.04A STAIR 1 SCALE: 1/4" = 1'-0"



4 Building Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"



5 Building Section

A-4.04A | A-4.04A SCALE: 1/4" = 1'-0"

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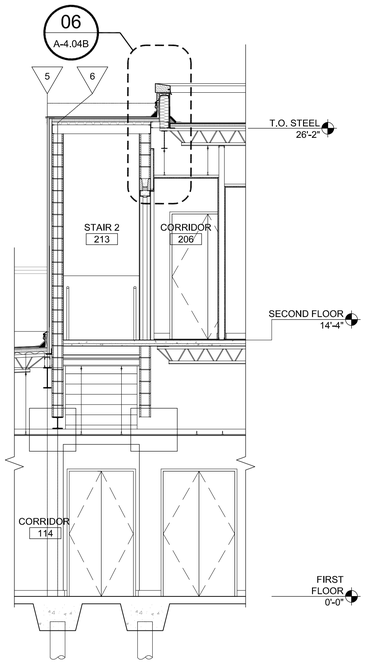
07/12/2023

Title

Vertical Circulation-
Enlarged Plan & Sections

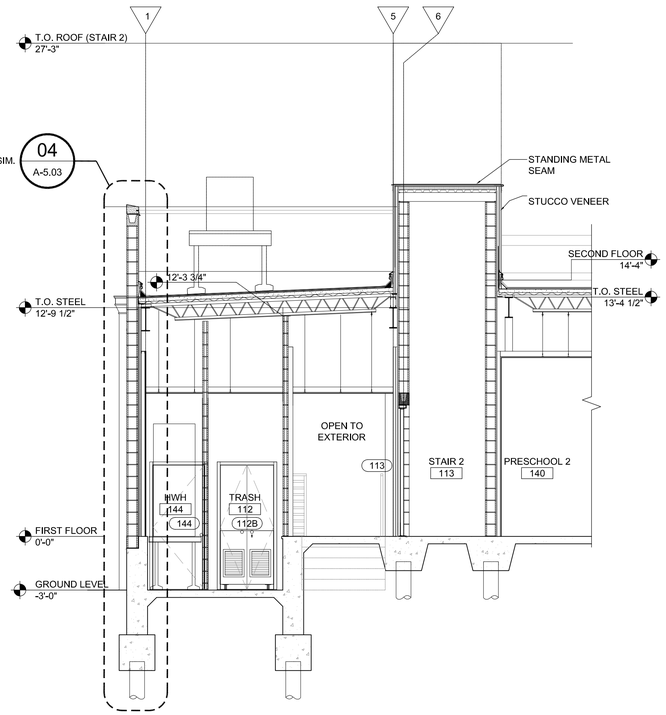
Sheet

A-4.04A



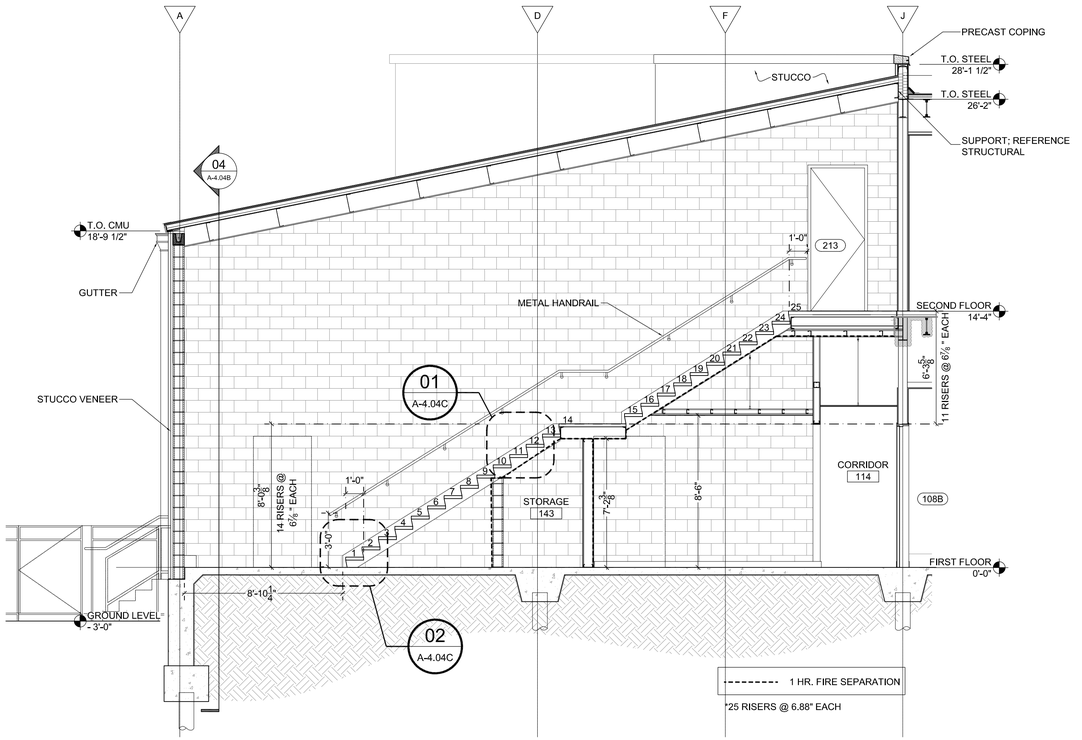
5 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



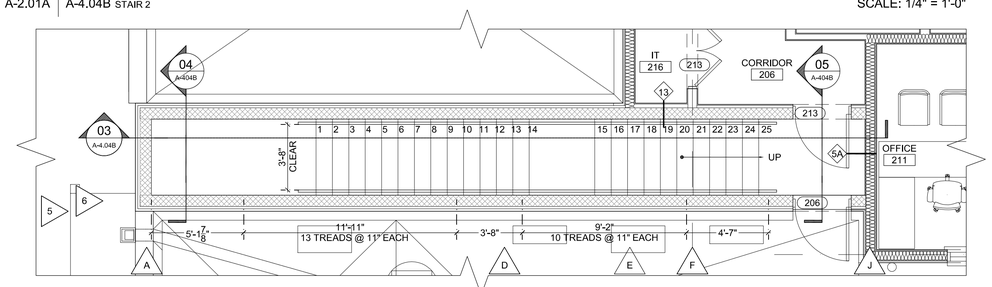
4 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



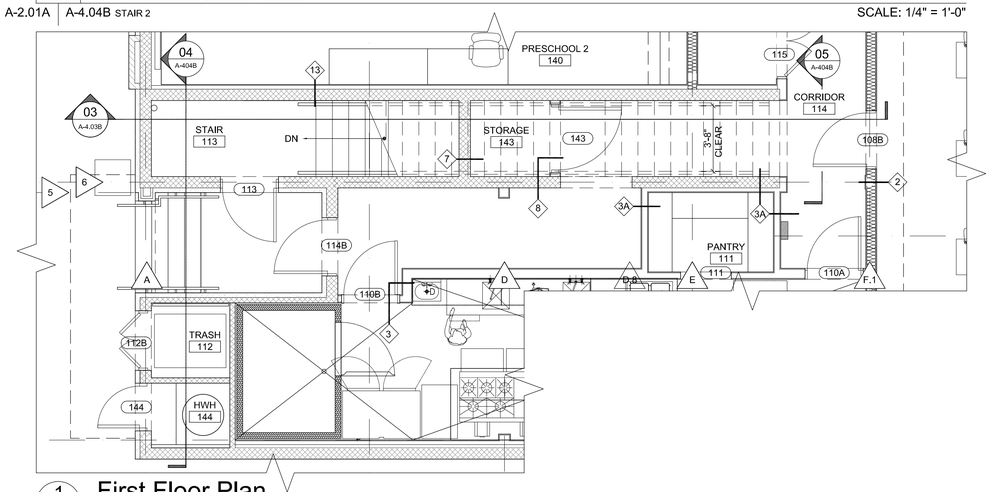
3 Section

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



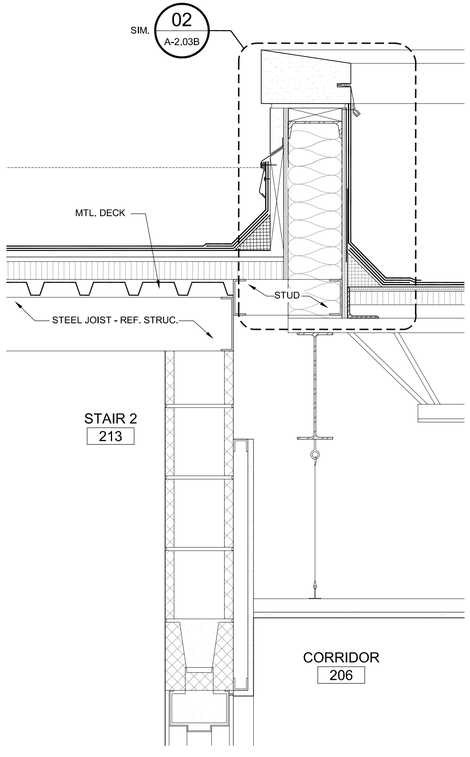
2 Second Floor Plan

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



1 First Floor Plan

A-2.01A | A-4.04B STAIR 2 SCALE: 1/4" = 1'-0"



6 Detail Section

A-4.04B | A-4.04B STAIR 2 SCALE: 1-1/2" = 1'-0"

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PAULA MAY PEER REG. NO. 5356 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data	
Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

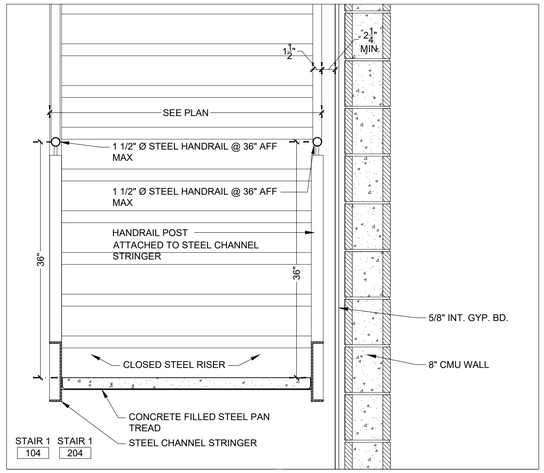
07/12/2023
(RE-ISSUE 06/17/2025)

Title

Vertical Circulation-
Enlarged Plan & Sections

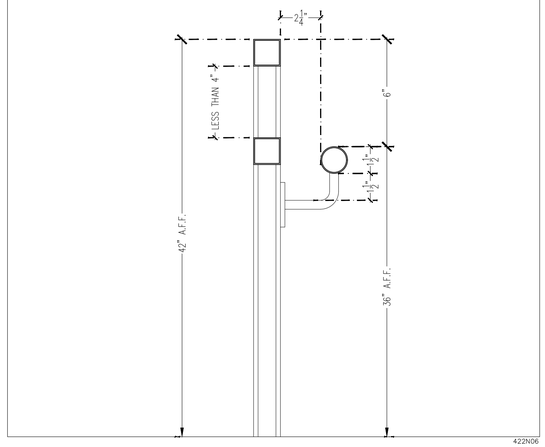
Sheet

A-4.04B



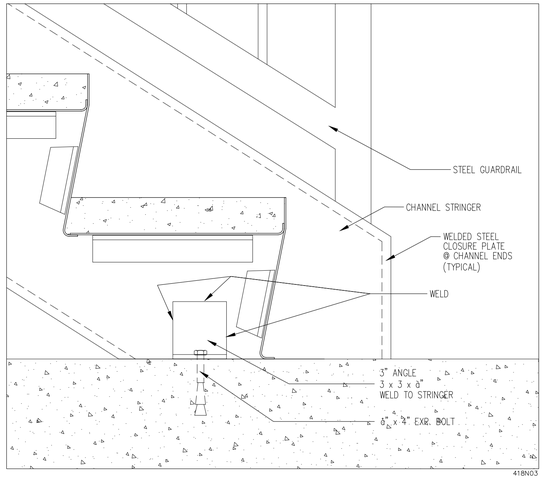
3 - A-4.04C **Detail - Typical Stair**

SCALE: 1" = 1'-0"



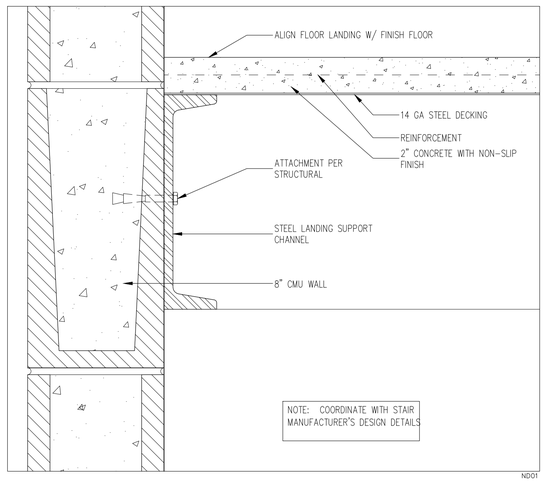
5 - A-4.04C **Detail - Stair Handrail**

SCALE: 3" = 1'-0"



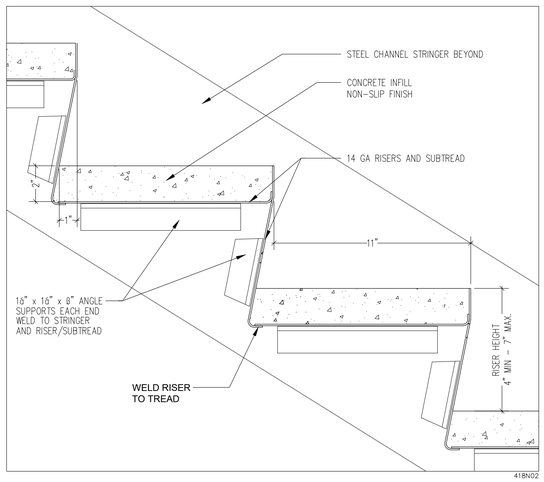
2 - A-4.04C **Detail - Landing**

SCALE: 3" = 1'-0"



4 - A-4.04C **Detail - Stair Landing**

SCALE: 3" = 1'-0"



1 - A-4.04C **Detail - Treads/Risers**

SCALE: 3" = 1'-0"

BID SET - 2025

YWCA Greater New Orleans

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Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

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Address 2

T (area code) number

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	EG
Checked By	PMP

Issue Date

07/12/2023

Title

Vertical Circulation-Details

Sheet

A-4.04C

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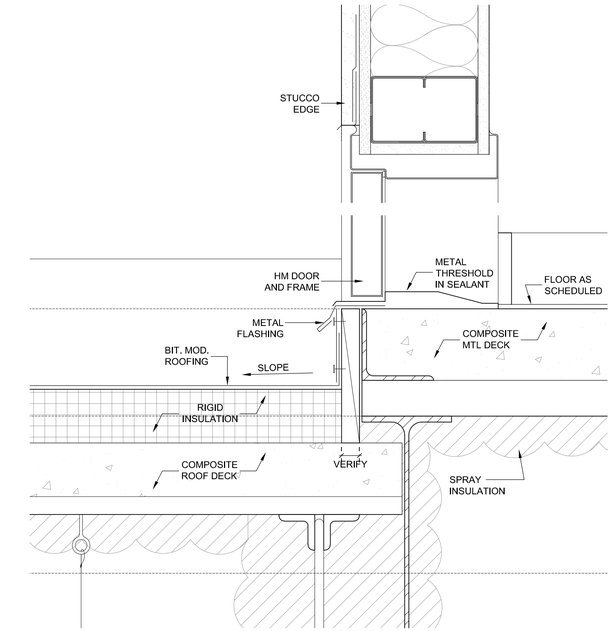
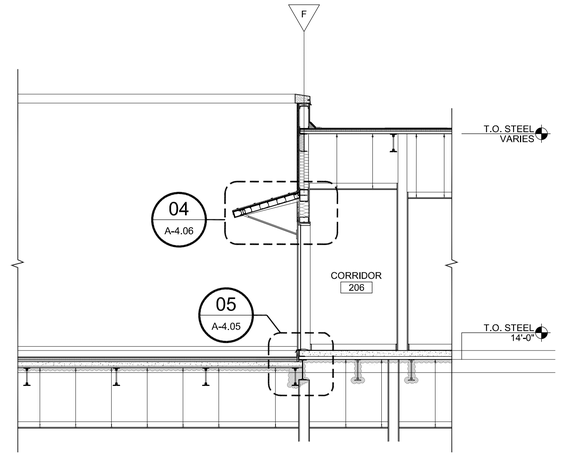


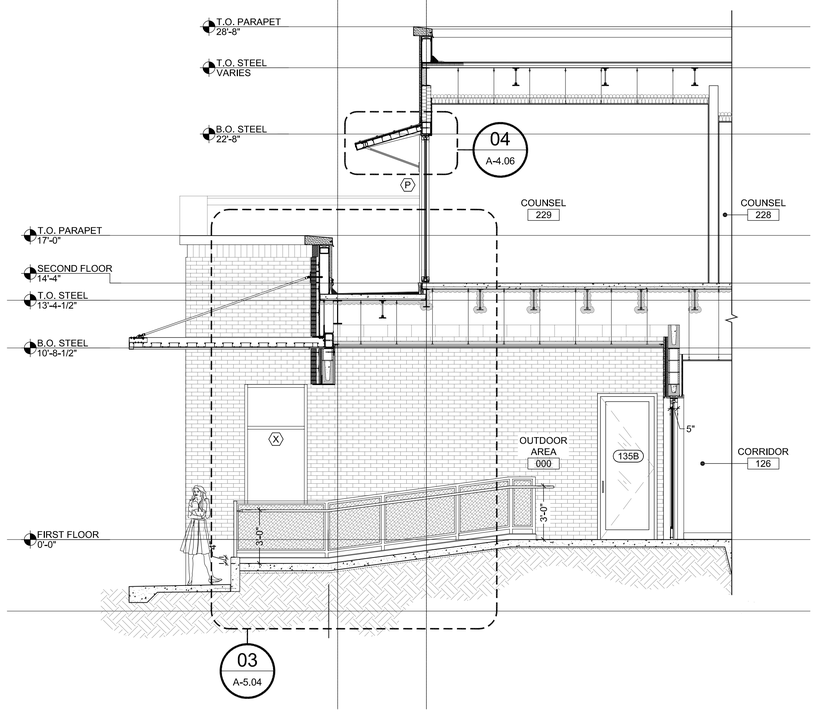
05 Threshold at Door

A-4.05 | A-4.05 SCALE: 1/4" = 1'-0"



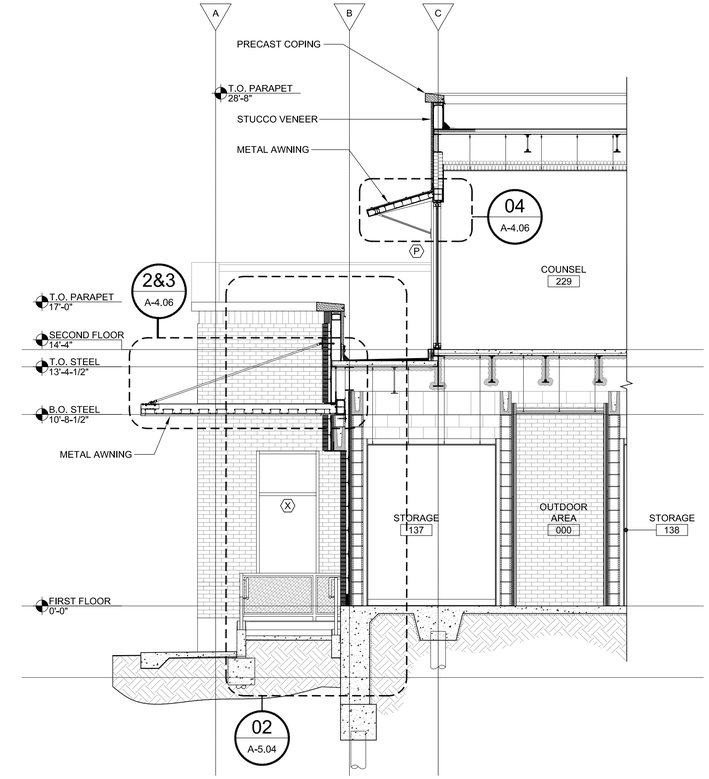
04 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



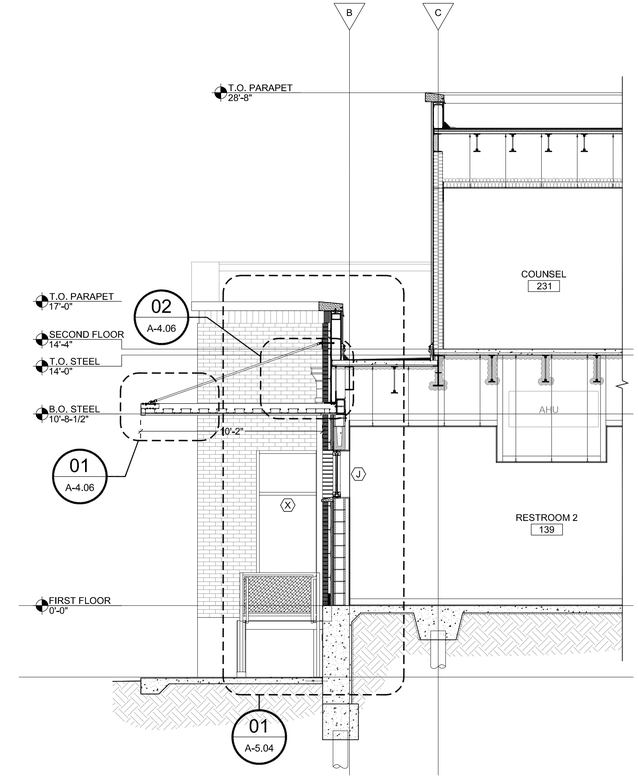
03 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



02 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"



01 Partial Building Section

A-2.01A | A-4.05 SCALE: 1/4" = 1'-0"

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Checked By	PMP

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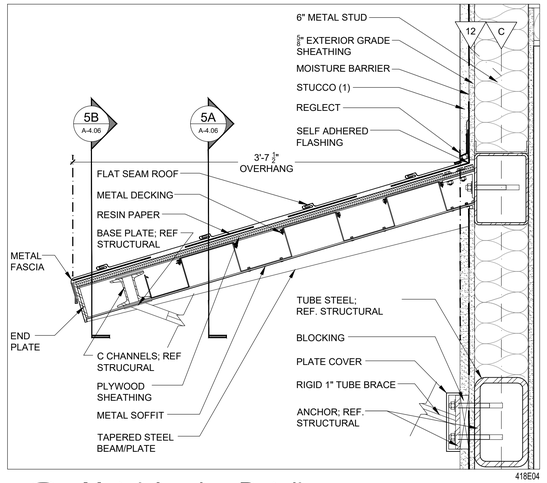
07/12/2023
(RE-ISSUE 06/17/2025)

Title

Partial Building Section

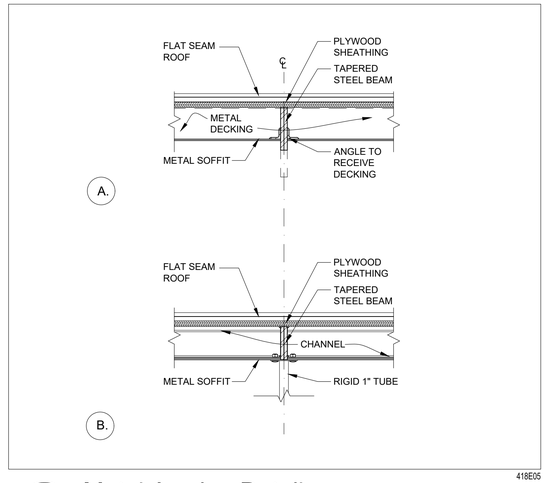
Sheet

A-4.05



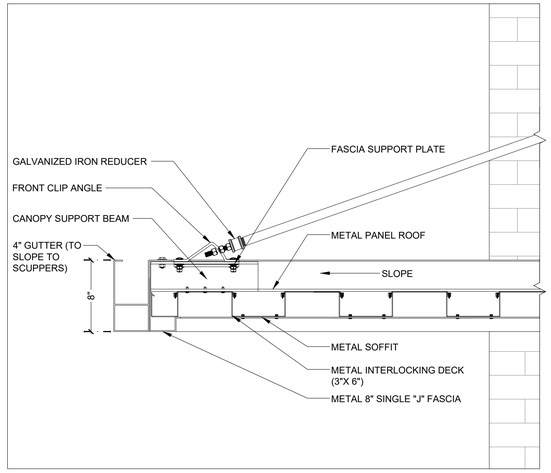
04 Metal Awning Detail

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



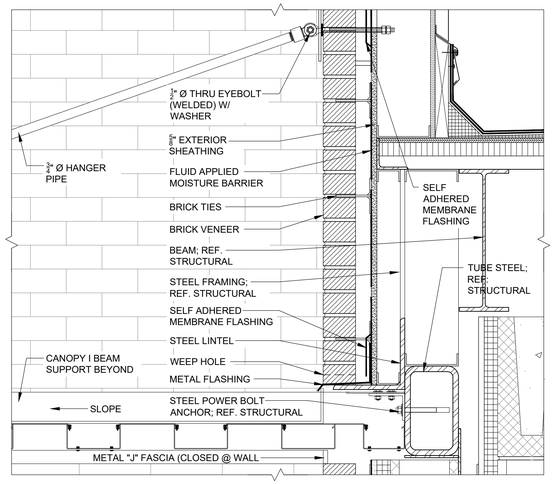
05 Metal Awning Detail

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



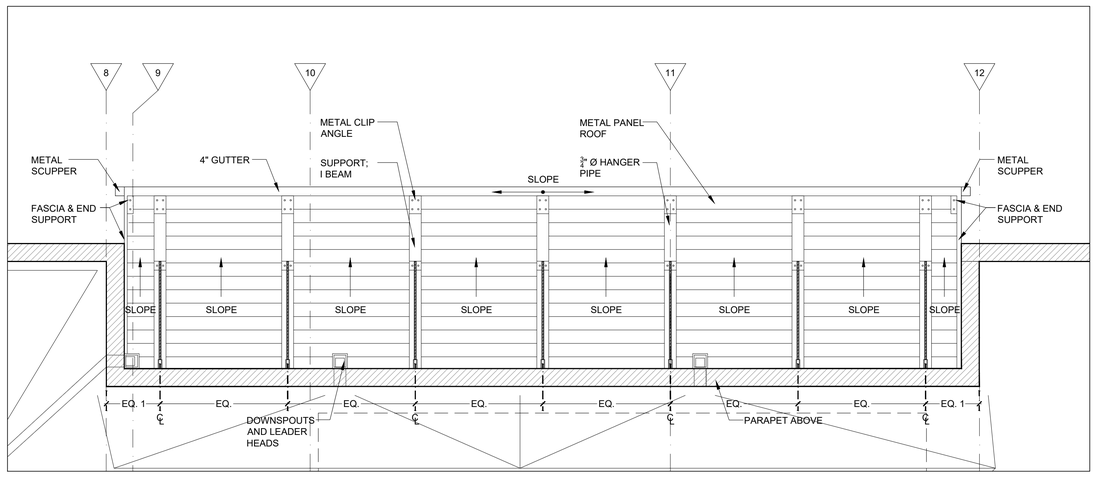
02 Metal Awning Detail @ Support Beam

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



03 Metal Awning Detail @ Roof Panel

A-4.05 | A-4.06 SCALE: 1 1/2" = 1'-0"



01 Plan Detail - Metal Awning

A-2.02A | A-4.06 SCALE: 1/4" = 1'-0"

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Revisions

Interoffice Data	
Project Number	CN 09418
Drawn By	BK
Checked By	PMP

Issue Date

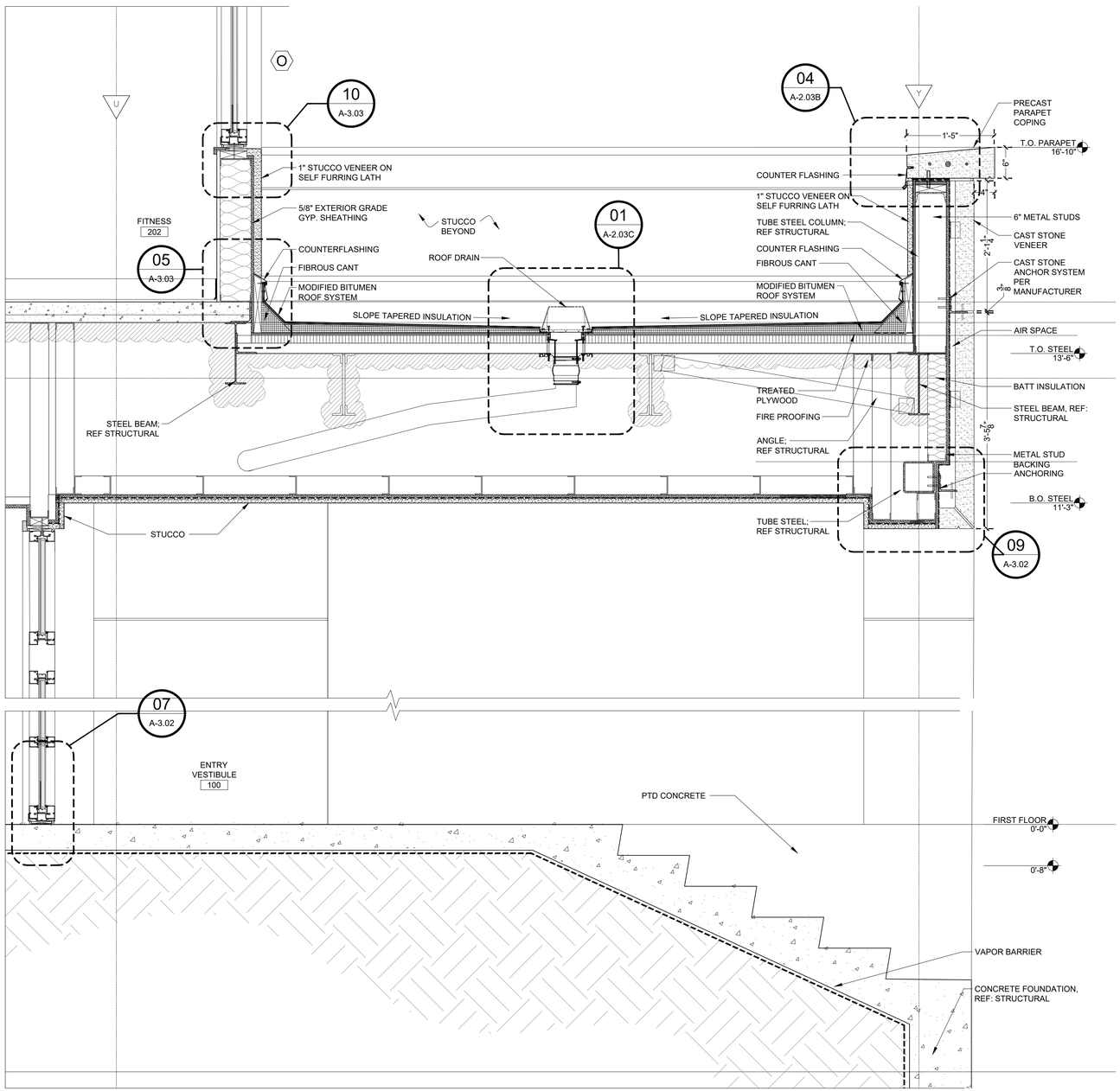
07/12/2023

Title

Metal Awning Details

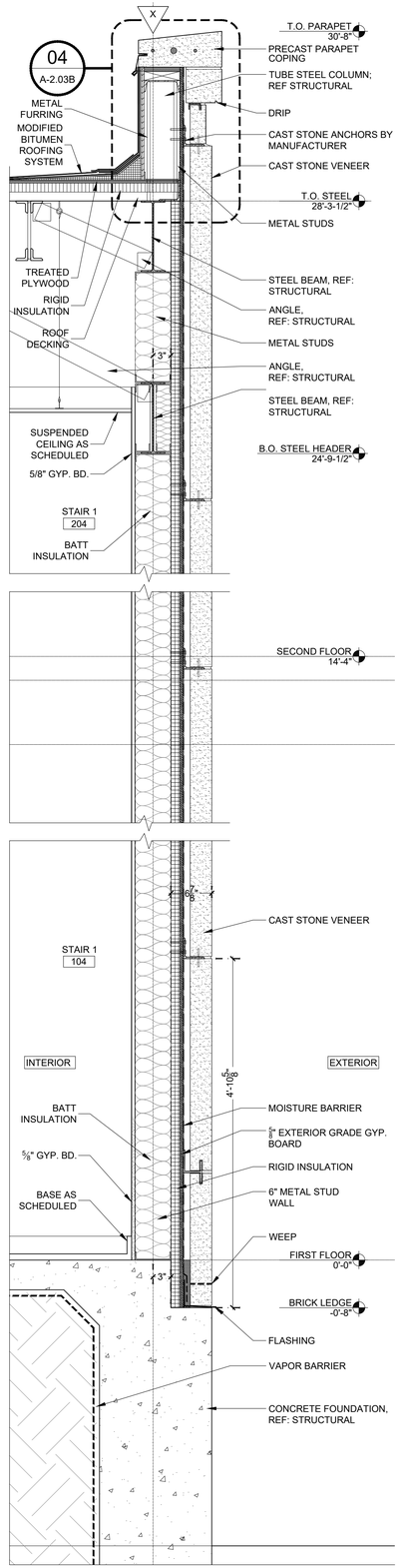
Sheet

A-4.06



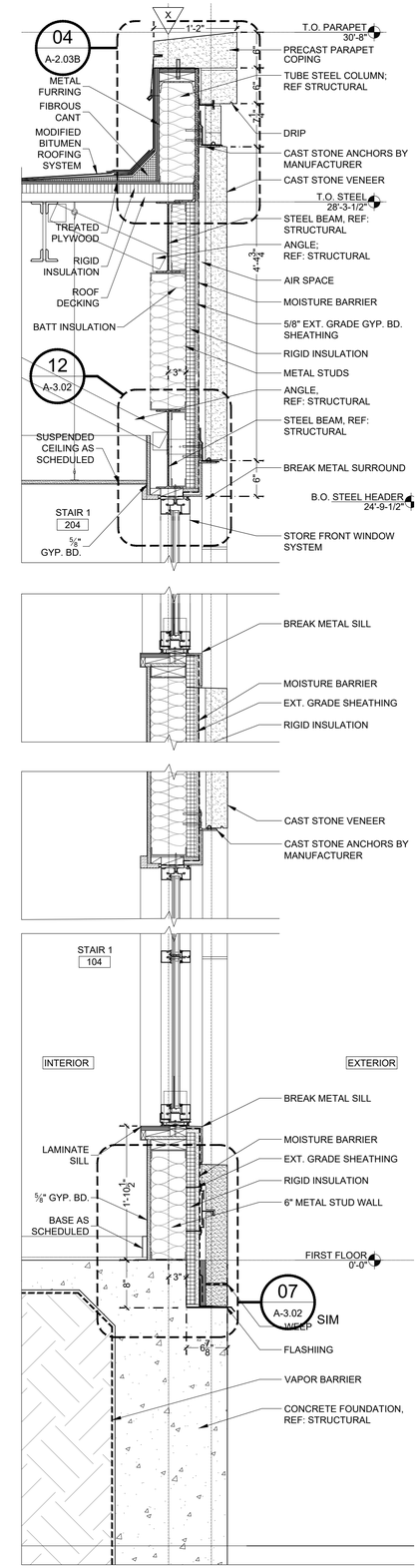
03 Wall Section

A-5.01 SCALE: 1" = 1'-0"



02 Wall Section

A-4.03 A-5.01 SCALE: 1" = 1'-0"



01 Wall Section

A-5.01 SCALE: 1" = 1'-0"

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

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Checked By	PMP

Issue Date

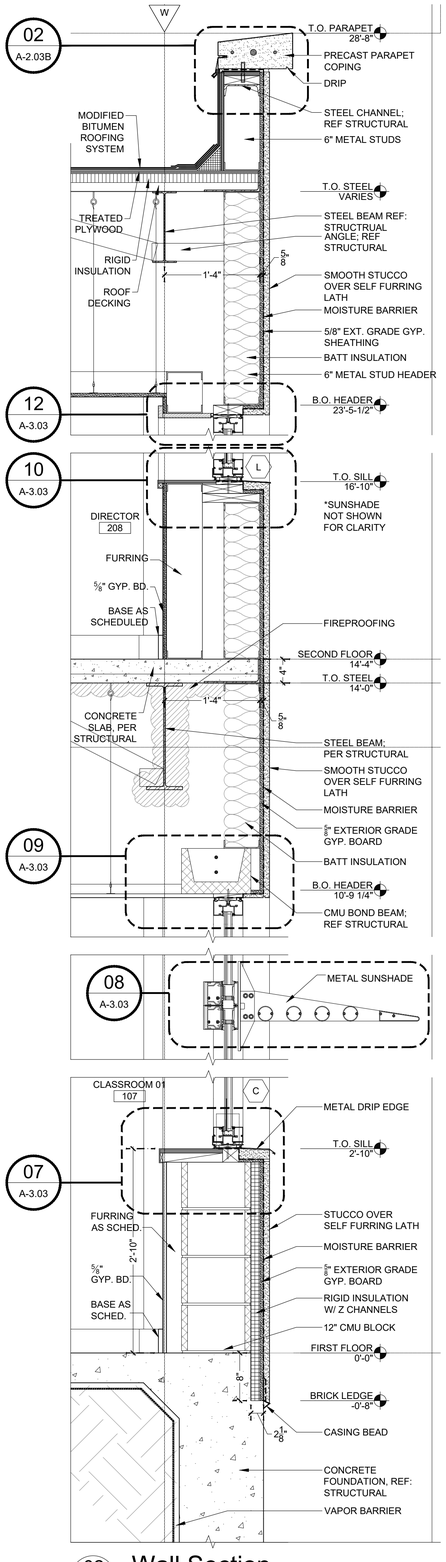
07/12/2023

Title

Wall Sections

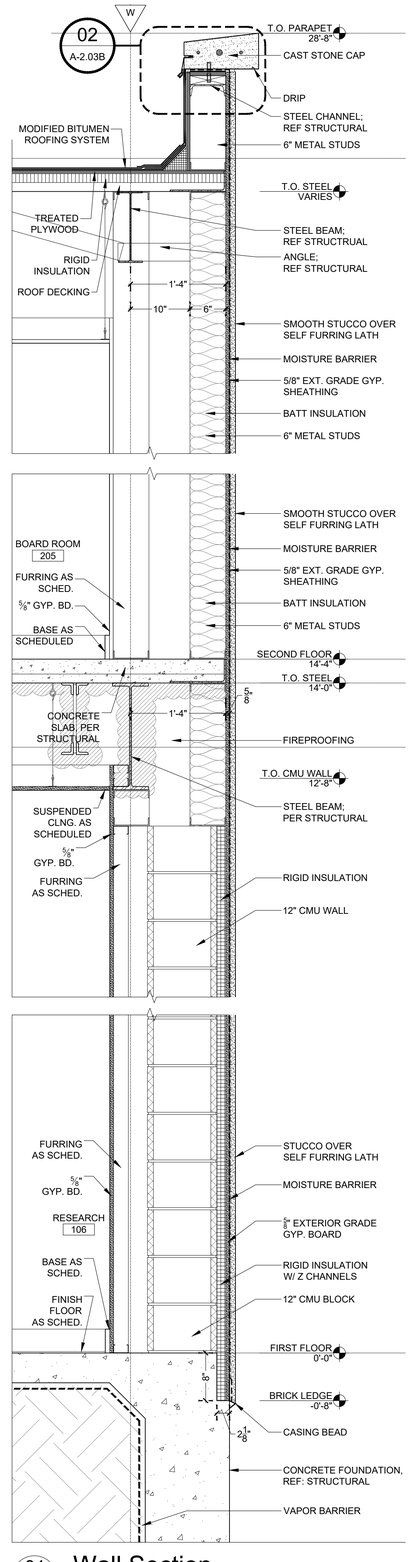
Sheet

A-5.01



02 Wall Section

A-4.03 | A-5.02 SCALE: 1" = 1'-0"



01 Wall Section

A-4.03 | A-5.02 SCALE: 1" = 1'-0"

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YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

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601 South Norman C. Francis Parkway
600 South Clark St.

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REG. NO. 5356
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	EG
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Issue Date

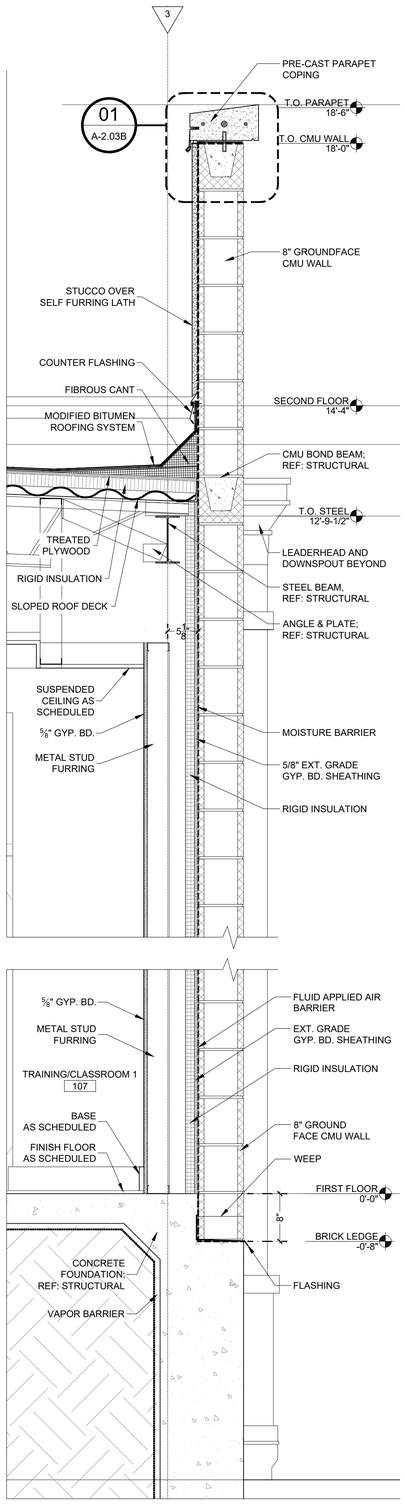
07/12/2023

Title

Wall Sections

Sheet

A-5.02

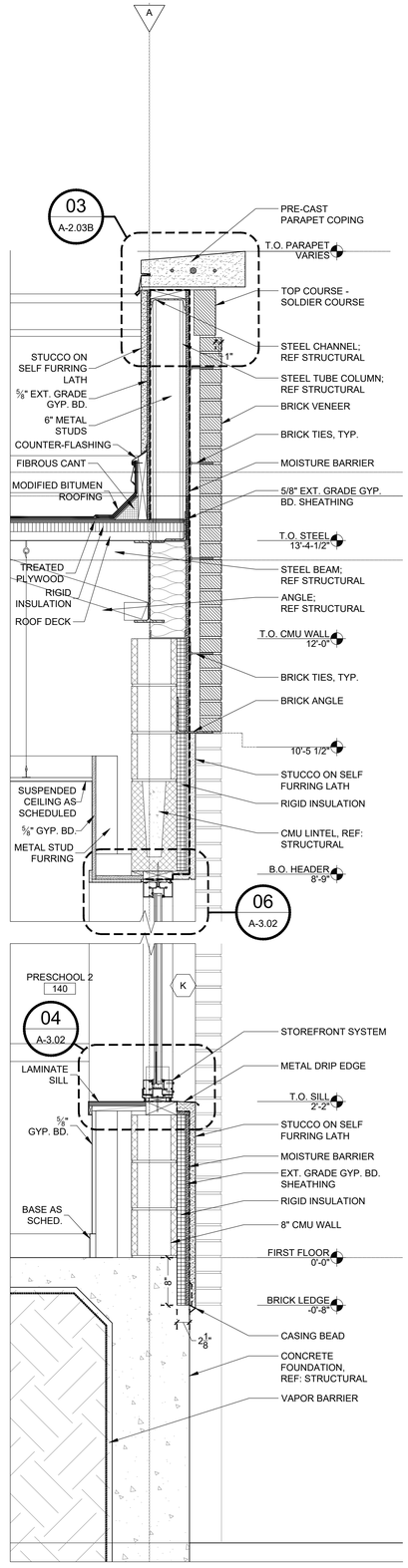


04 Wall Section

A-5.03 SCALE: 1" = 1'-0"

03 NOT USED

A-5.03 SCALE: 1" = 1'-0"



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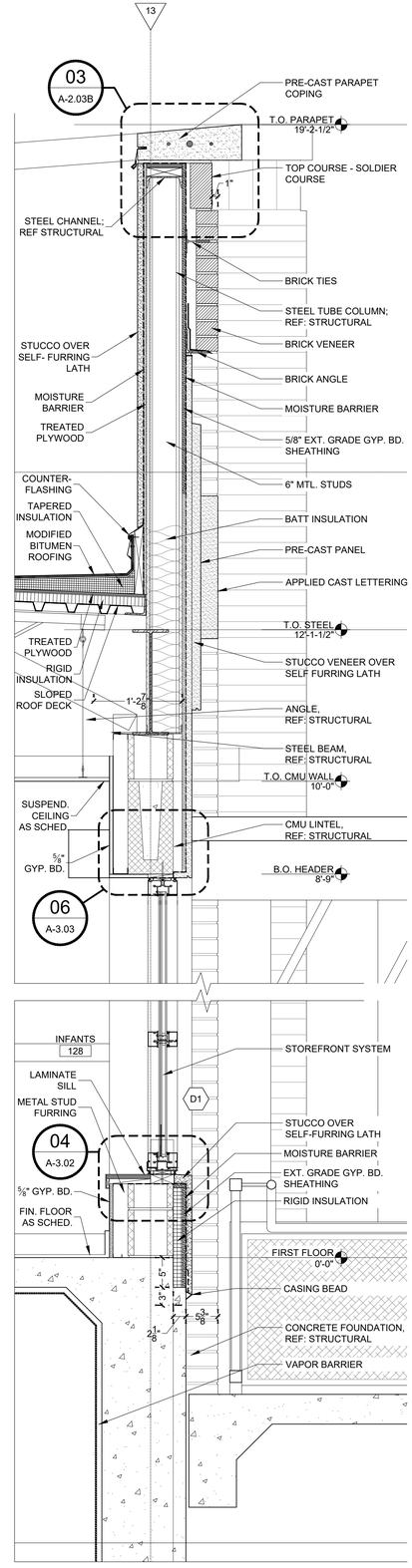
A-4.03 A-5.03 SCALE: 1" = 1'-0"



01 Wall Section

A-4.03 A-5.03 SCALE: 1" = 1'-0"

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

Revisions

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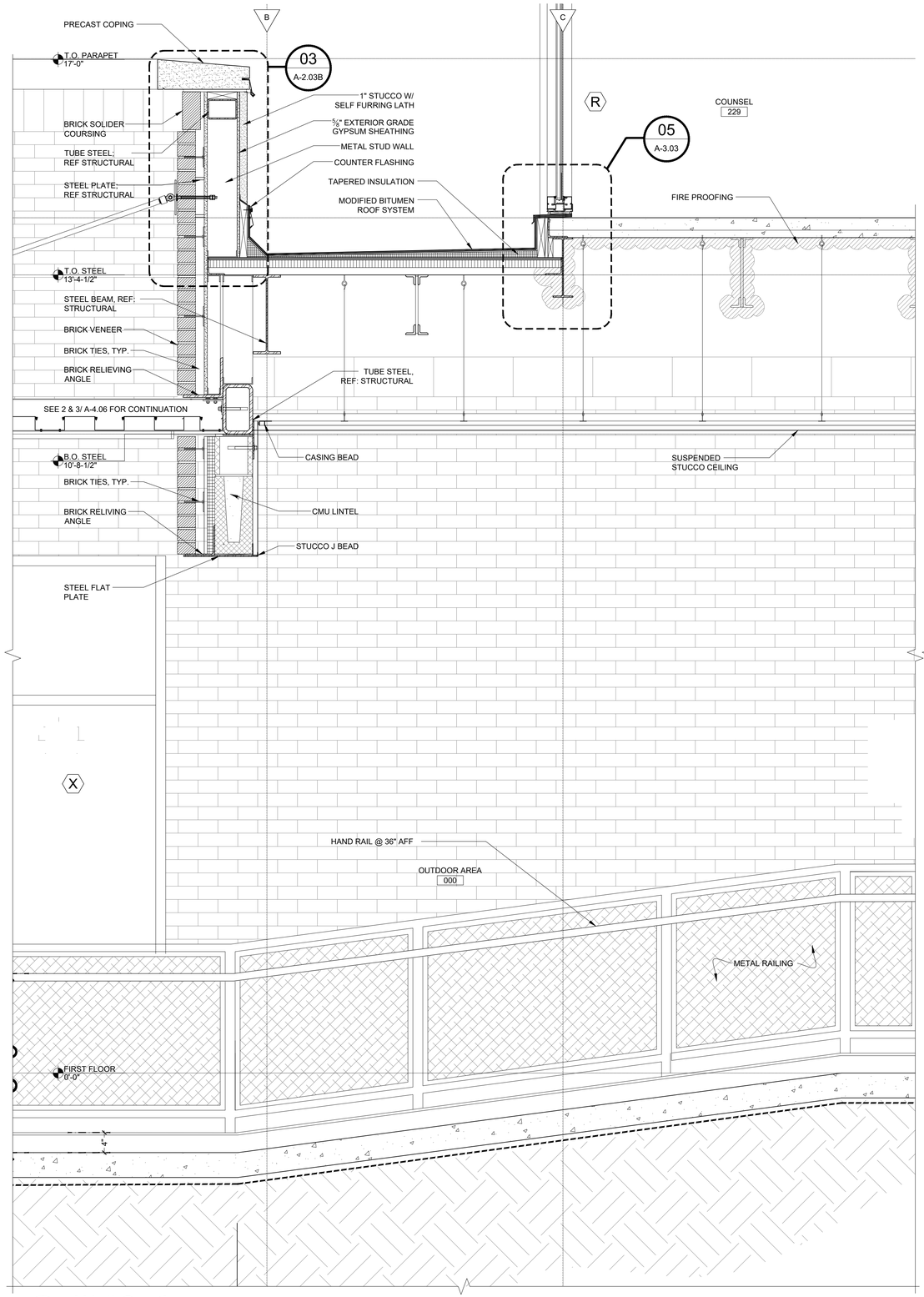
07/12/2023

Title

Wall Sections

Sheet

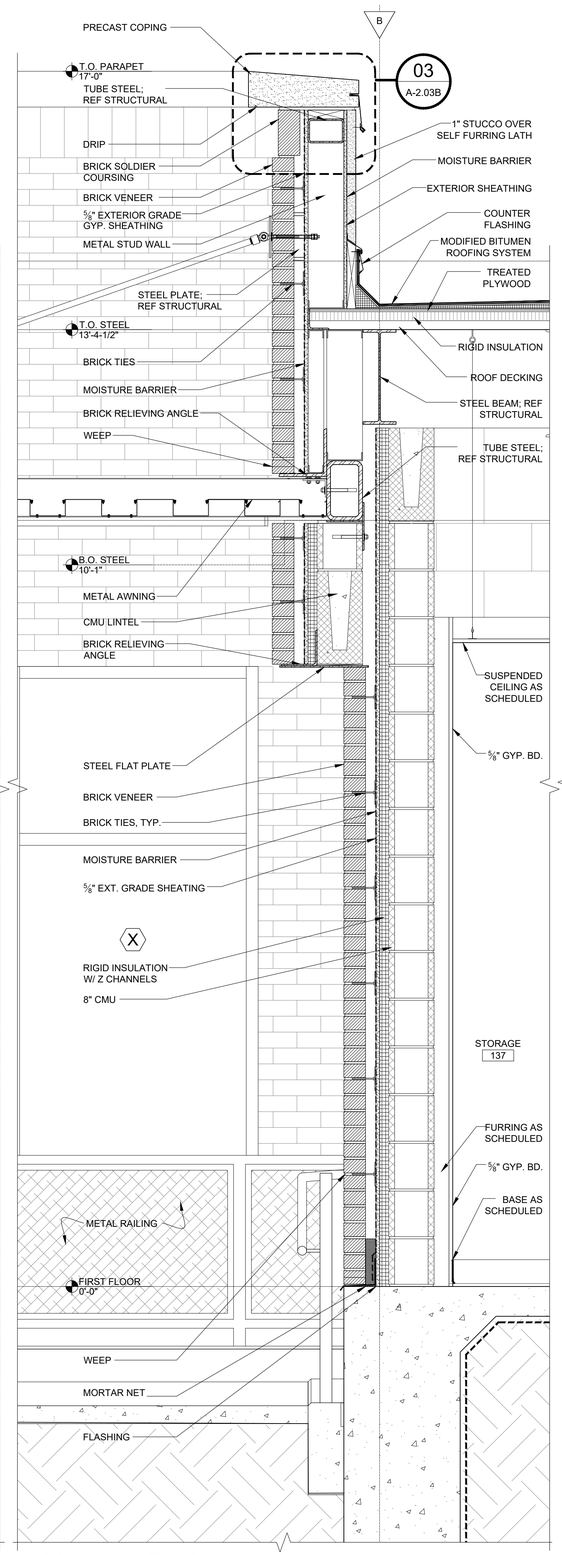
A-5.03



03 Wall Section

A-4.05 | A-5.04

SCALE: 1" = 1'-0"



02 Wall Section

A-4.05 | A-5.04

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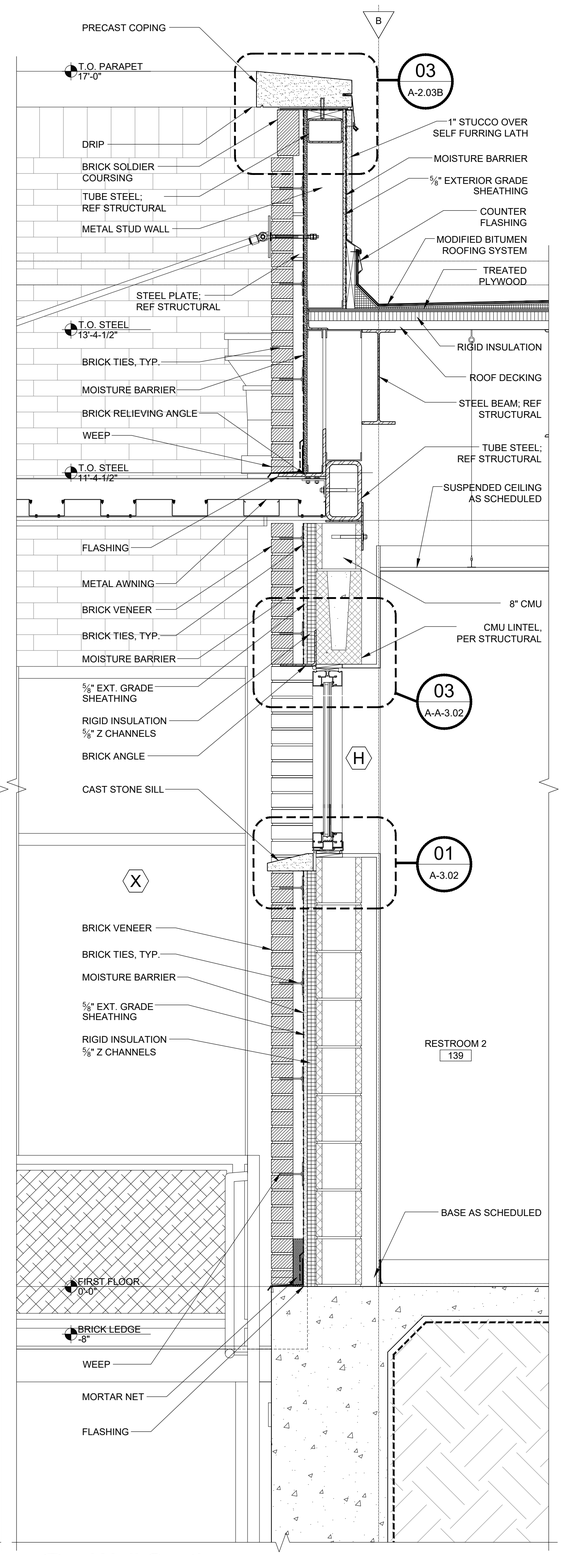

01 Wall Section

A-4.05 | A-5.04

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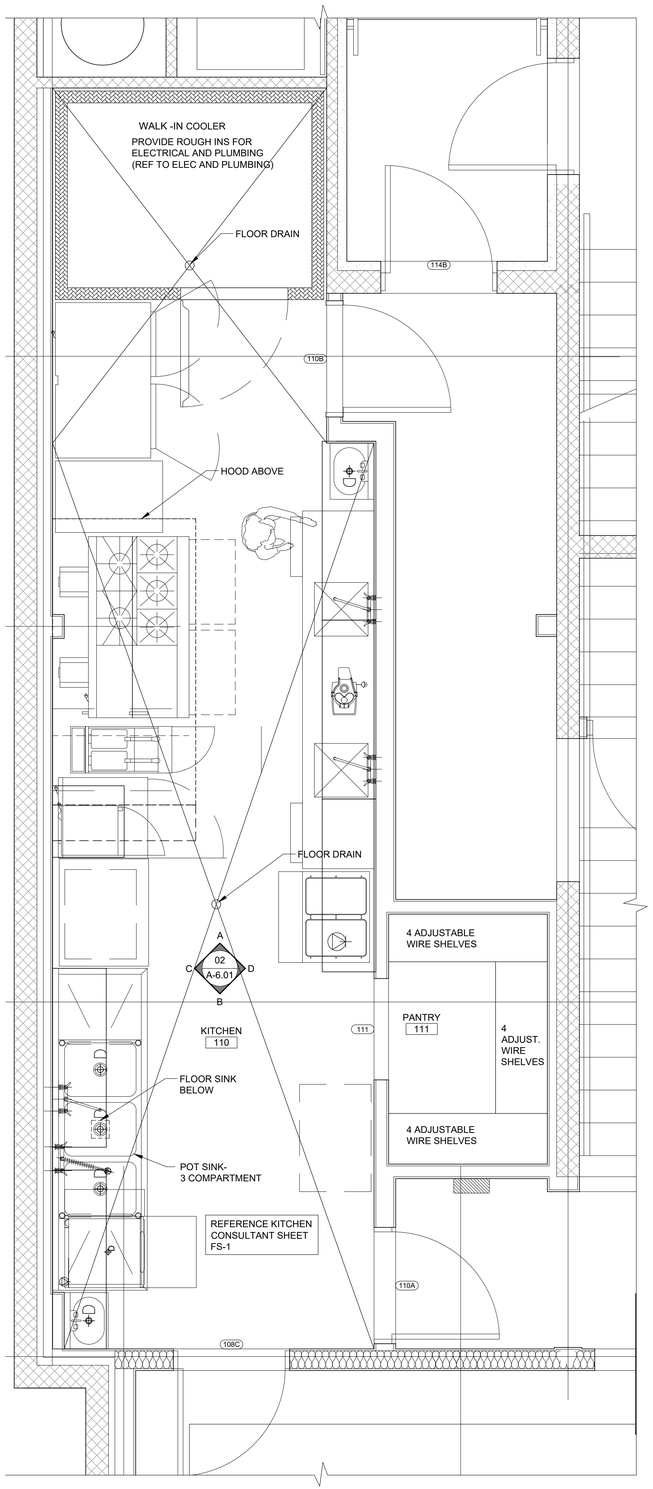
Wall Sections

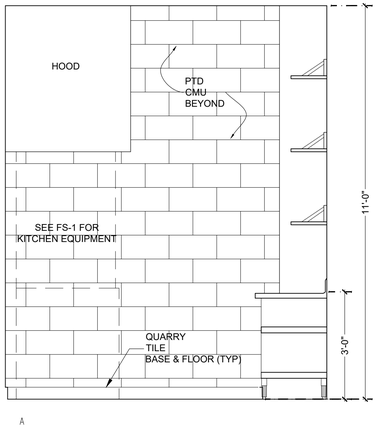
Sheet

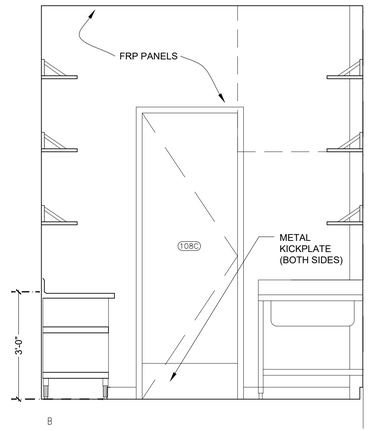
A-5.04



1 Enlarged Plan

A-6.01 KITCHEN SCALE: 1/2" = 1'-0"





KITCHEN NOTES

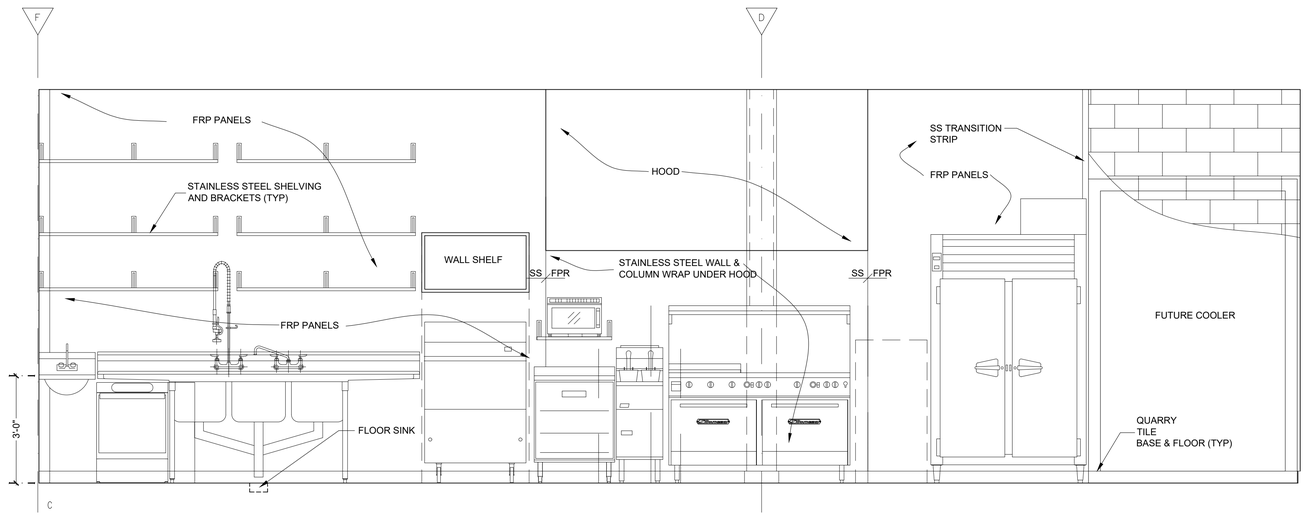
1. FOOD EQUIPMENT AS SCHEDULED UNDER FS-1 IS CONSIDERED PART OF ALTERNATE # 2, ALL ARCHITECTURAL, STRUCTURAL, MEP AND FP SHALL BE CONSIDERED PART OF THE BASE BID.

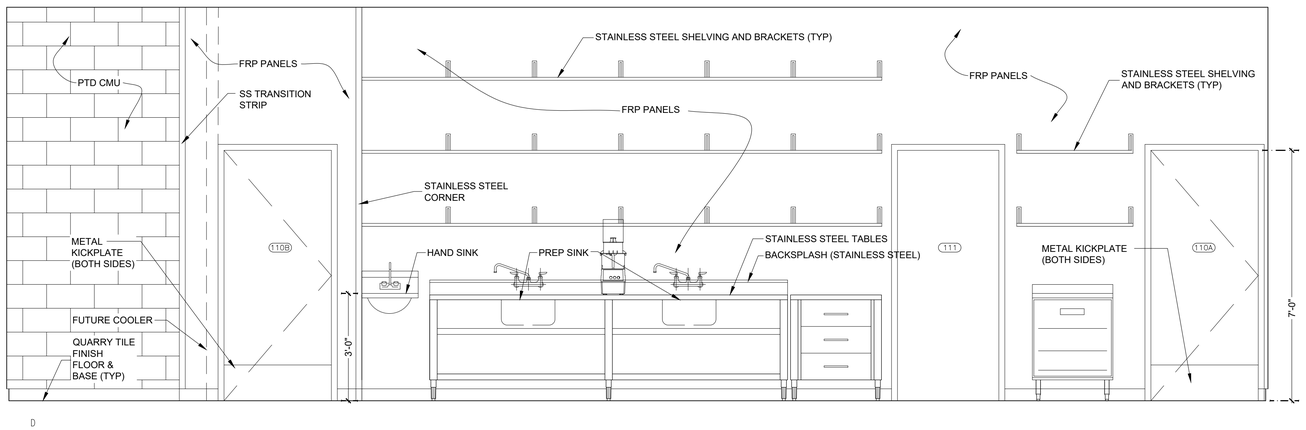
2. REFER TO FOOD EQUIPMENT PLAN FOR EQUIPMENT, PLUMBING AND ELECTRICAL REQUIREMENTS.

3. PROVIDE BLOCKING FOR ALL FOOD EQUIPMENT, SINKS, SHELVING AND ALL OTHER ASSOCIATED ITEMS FOR WALL AND CEILING HUNG FIXTURES.

4. BASES TO RUN CONTINUOUS BEHIND ALL EQUIPMENT.

5. CONTRACTOR TO COORDINATE ALL PLUMBING AND ELECTRICAL ROUGH-INS WITH FOOD EQUIPMENT CONSULTANT/SUPPLIER AND ENGINEER PRIOR TO POURING SLAB AND AT CRITICAL MILESTONES FOR INSTALLATION OF SYSTEMS. ANY CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE CONSULTANT/SUPPLIER AND ENGINEER PRIOR TO CONSTRUCTION.





2 Interior Elevations

A-6.01 KITCHEN SCALE: 1/2" = 1'-0"

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RE-ISSUE 11/12/2024

Title

Enlarged Floor Plans & Interior Elevations - Kitchen

Sheet

A-6.01

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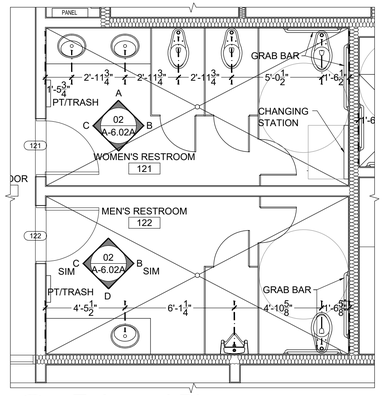
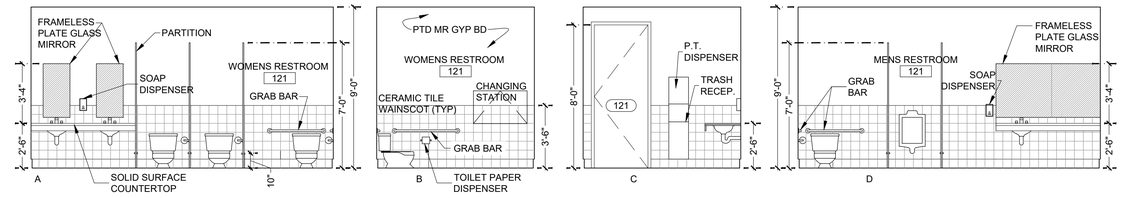
INTERIOR GENERAL NOTES

1. PROVIDE CHILDPROOF LOCKS AT ALL BASE CABINETS
2. ALL WAINSCOT TO HAVE BULLNOSE EDGE AND COVE PROFILE BASE



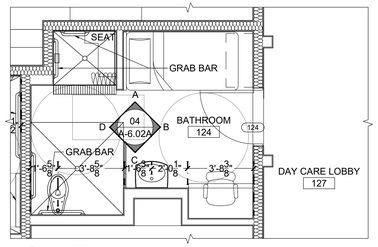
1 Enlarged Plan

A-6.02A 1ST FLOOR RESTROOMS (TYP.) SCALE: 1/4" = 1'-0"



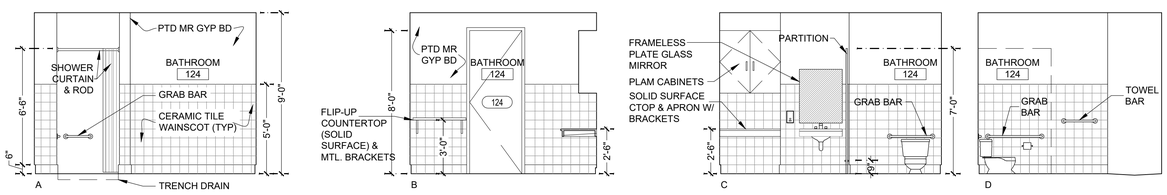
2 Interior Elevations

A-6.02A 1ST FLOOR RESTROOMS (TYP) SCALE: 1/4" = 1'-0"



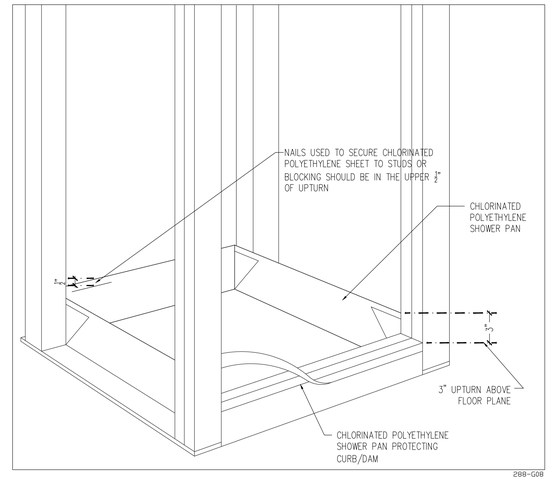
3 Enlarged Plan

A-6.02A SICK ROOM SCALE: 1/4" = 1'-0"



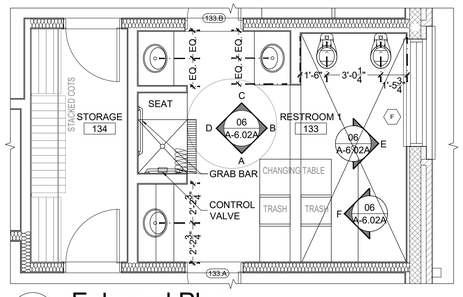
4 Interior Elevations

A-6.02A BATHROOM SCALE: 1/4" = 1'-0"



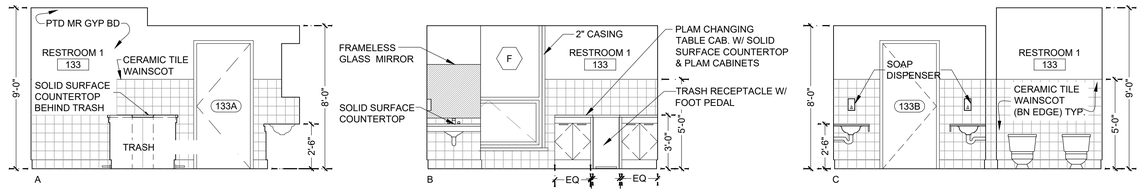
10 Typical Shower Detail

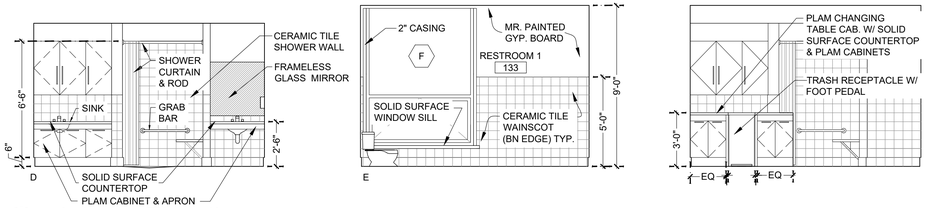
A-6.02A ORTHOGRAPHIC VIEW SCALE: 1/4" = 1'-0"



5 Enlarged Plan

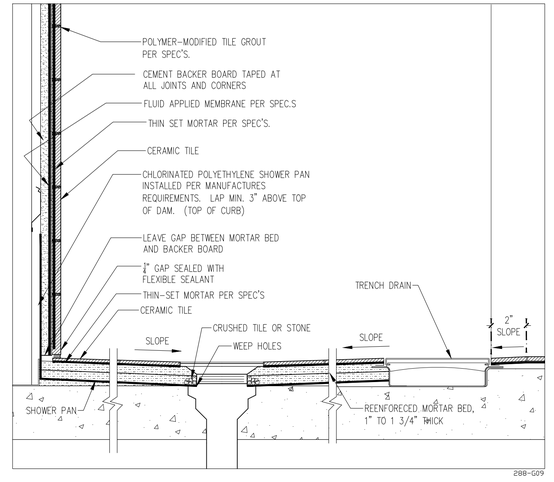
A-6.02A RESTROOM 1 SCALE: 1/4" = 1'-0"





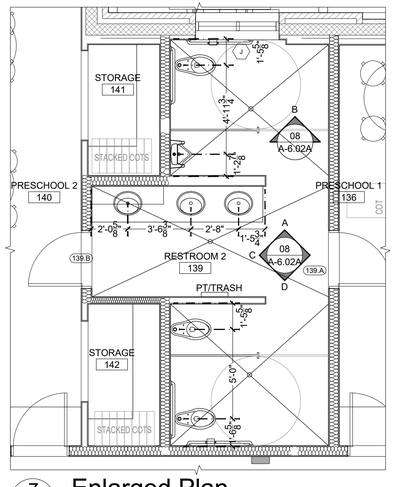
6 Interior Elevations

A-6.02A RESTROOM 1 (TODDLERS) SCALE: 1/4" = 1'-0"



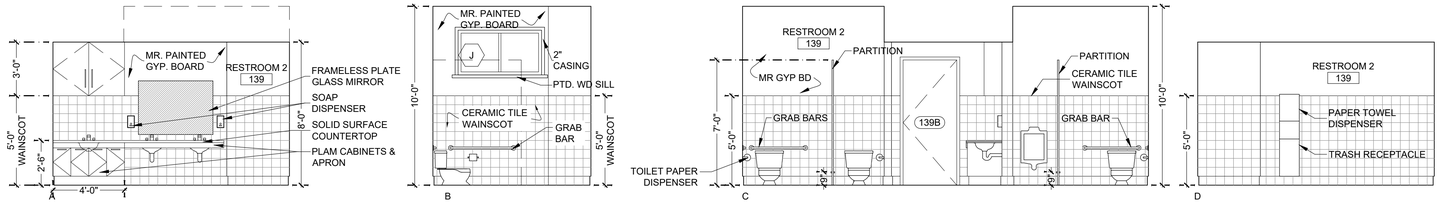
9 Typical Shower Detail

A-6.02A SCALE: 1/4" = 1'-0"



7 Enlarged Plan

A-6.02A RESTROOM 2 SCALE: 1/4" = 1'-0"



8 Interior Elevations

A-6.02A RESTROOM 2 (PRESCHOOL) SCALE: 1/4" = 1'-0"

YWCA Greater New Orleans
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BID SET - 2025

Owner
YWCA of New Orleans
601 South Norman C. Francis Parkway
600 South Clark St.
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date
07/12/2023

Title
Enlarged Plans & Int. Elevations - Bathrooms

Sheet
A-6.02A

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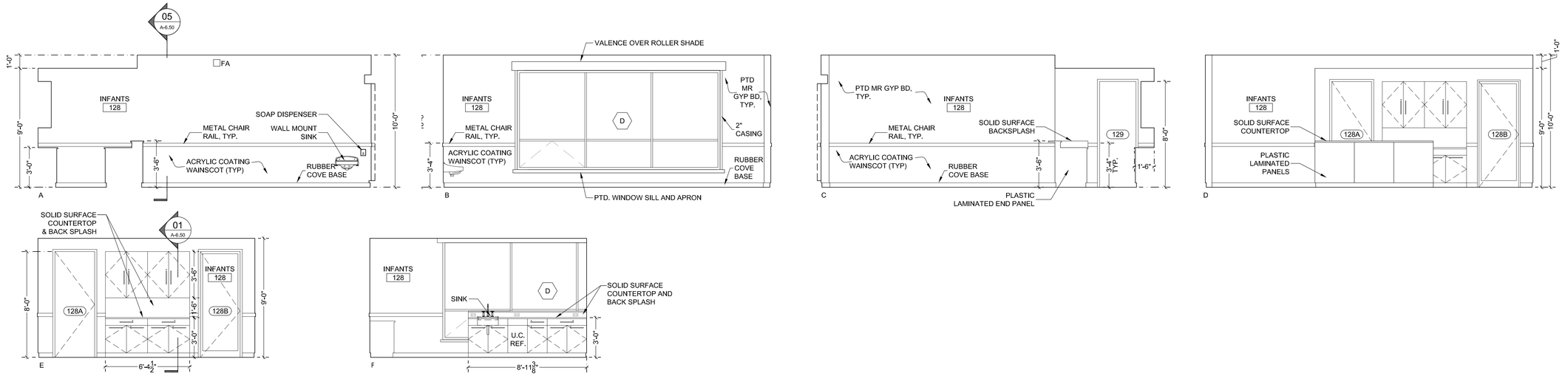

1 Interior Elevations

A-6.02B INFANTS

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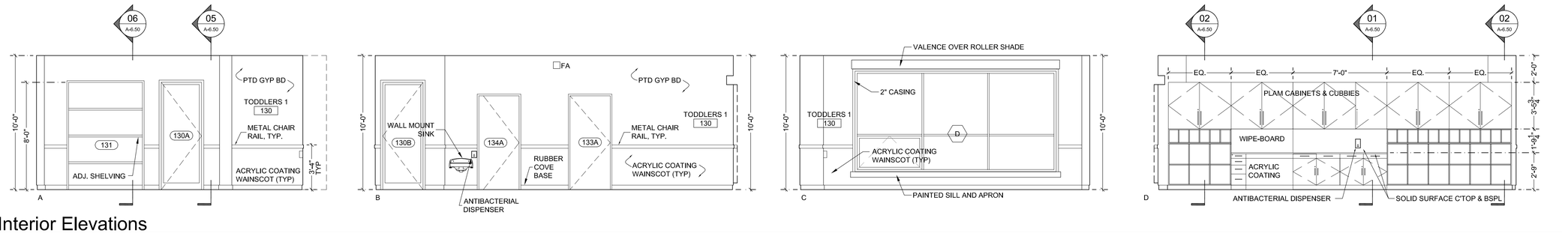
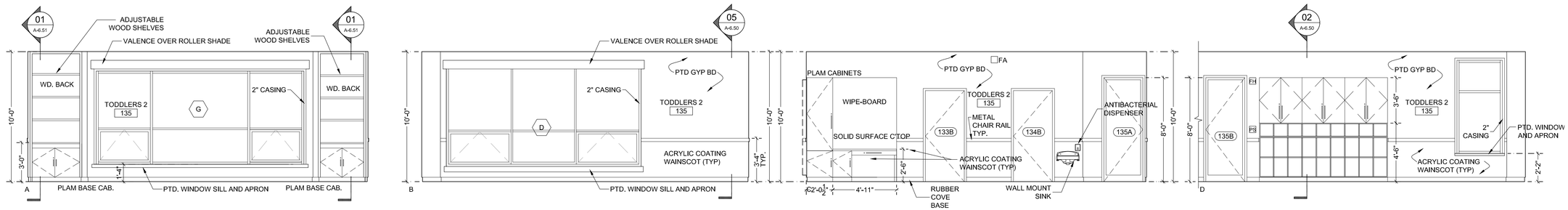


2 Interior Elevations

A-6.02B TODDLERS 1

SCALE: 1/4" = 1'-0"



3 Interior Elevations

A-6.02B TODDLERS 2

SCALE: 1/4" = 1'-0"

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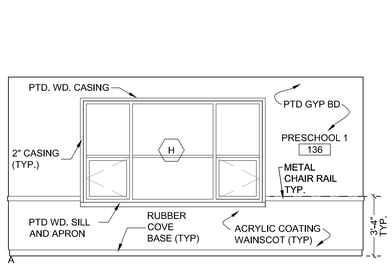
(RE-ISSUE 11/12/2024)

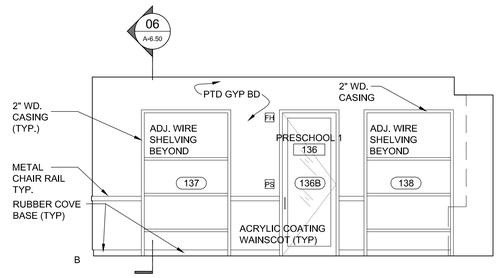
Title

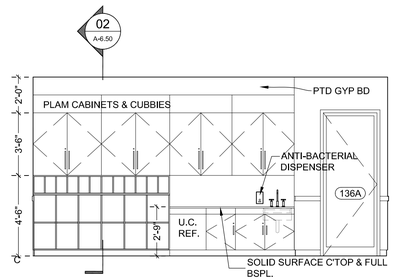
Interior Elevations - Daycare

Sheet

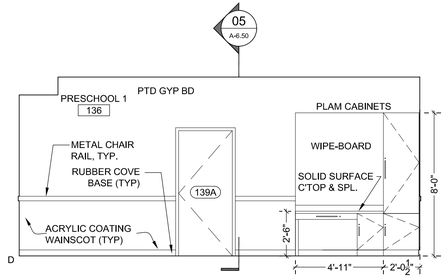
A-6.02B







PRESCHOOL 1
136



1 Interior Elevations

A-6.02C PRESCHOOL 1

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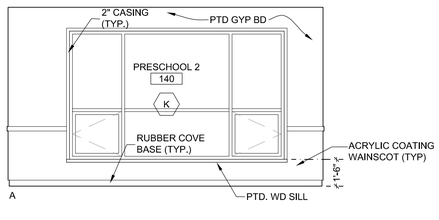

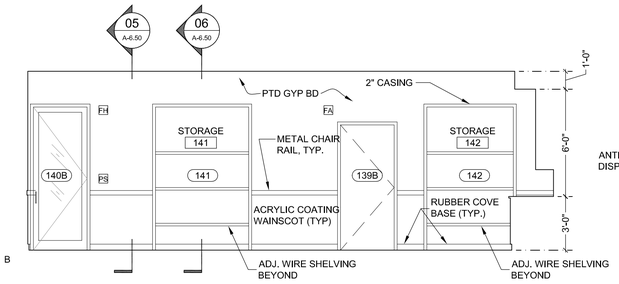

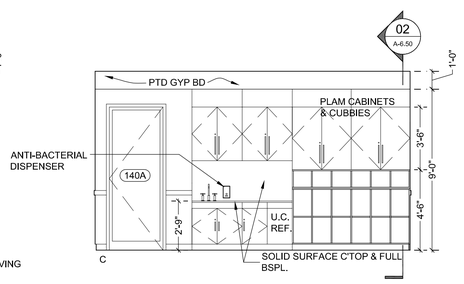

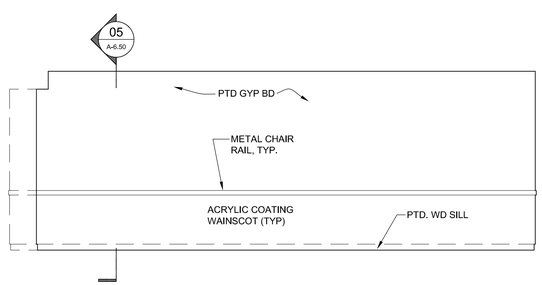

2 Interior Elevations

A-6.02C PRESCHOOL 2

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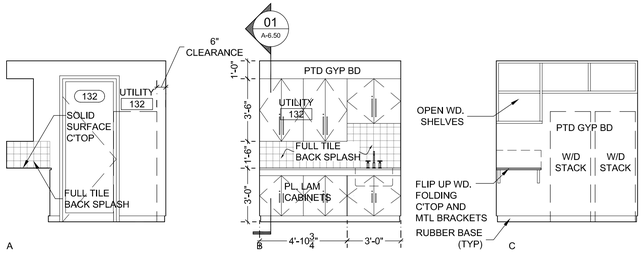

3 Interior Elevations

A-6.02C UTILITY

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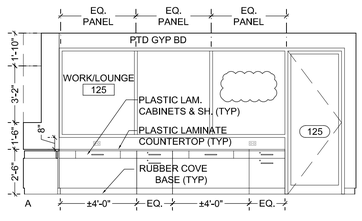

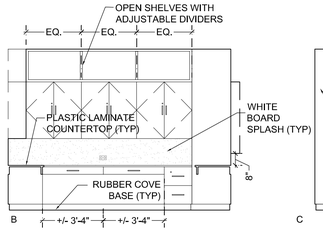

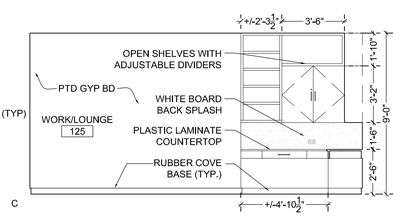

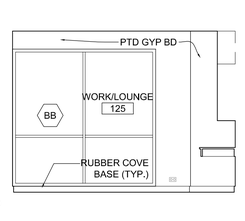

4 Interior Elevations

A-6.02C WORK/LOUNGE

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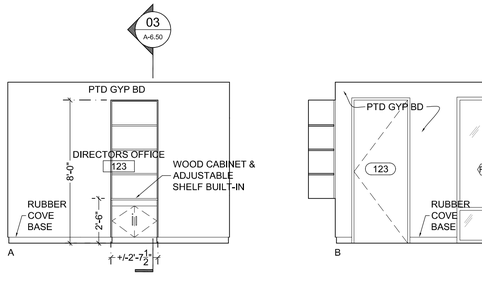
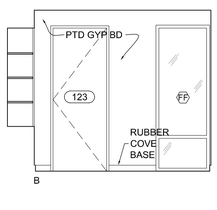
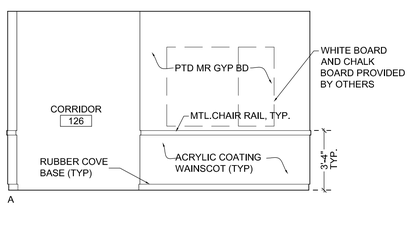


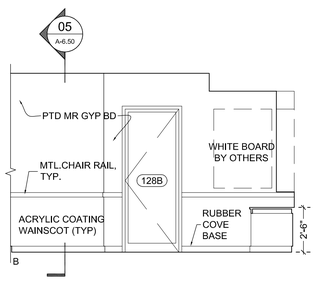


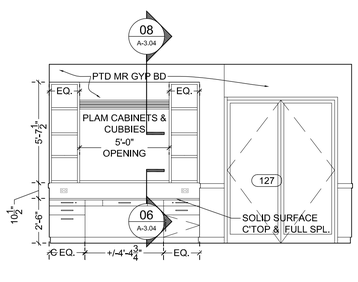
5 Interior Elevations

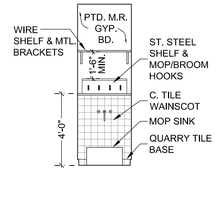
A-6.02C DIRECTOR'S OFFICE

SCALE: 1/4" = 1'-0"









6 Interior Elevations

A-6.02C DAYCARE LOBBY

SCALE: 1/4" = 1'-0"

7 Interior Elevations

A-6.02C JANITOR'S CLOSET

SCALE: 1/4" = 1'-0"

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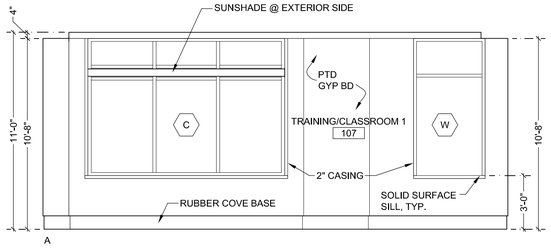
Title

Interior Elevations - Daycare

Sheet

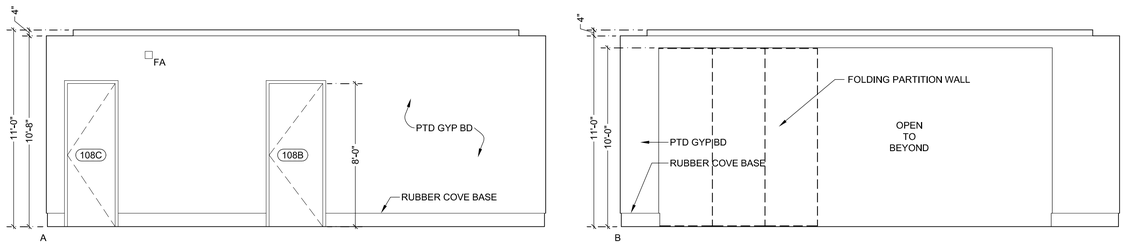
A-6.02C



1 Interior Elevations

A-6.02D TRAINING 1

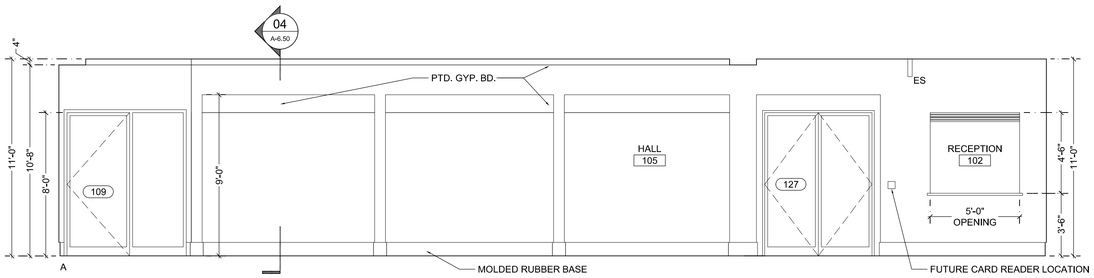
SCALE: 1/4" = 1'-0"

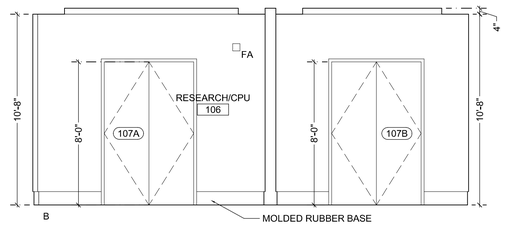


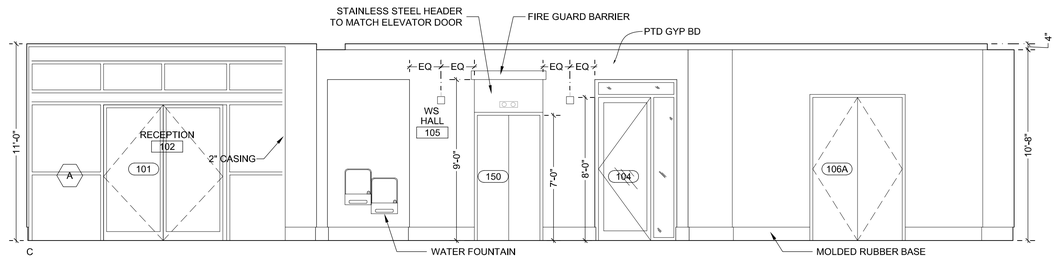
2 Interior Elevations

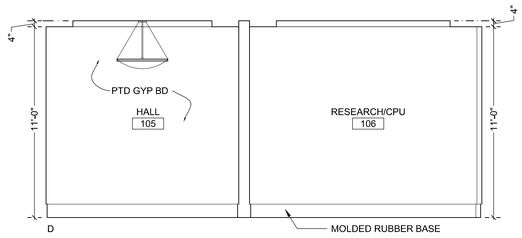
A-6.02D TRAINING 2

SCALE: 1/4" = 1'-0"









3 Interior Elevations

A-6.02D HALL, RECEPTION & RESEARCH/CPU

SCALE: 1/4" = 1'-0"

GENERAL INTERIOR NOTES

1. PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT, ARTWORK, TVS, LIGHT FIXTURES, ETC. THROUGHOUT BUILDING, CONTRACTOR TO VERIFY HEIGHTS AND LOCATIONS WITH OWNER.

2. ACRYLIC COATING AT WALLS TYPICAL FOR ALL DAYCARE CLASSROOMS AND HALLS/CORRIDORS IN THE DAYCARE WING.

3. METAL CHAIR RAILS TYPICAL FOR ALL CLASSROOMS AND HALLS/CORRIDORS IN DAYCARE WING.

4. PROVIDE METAL CORNER GUARDS AT DAYCARE CORRIDOR/HALL WALLS.

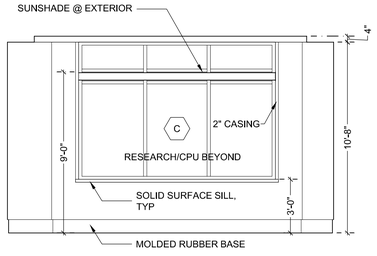
5. ALL BASE CABINETS AT DAYCARE CLASSROOMS AND BATHROOMS ARE TO BE LOCKABLE WITH A KEY. DOORS TO BE SOFT CLOSE.

6. PROVIDE SOLID SURFACE WINDOW SILLS THROUGHOUT UNLESS OTHERWISE SPECIFIED.

7. ALL INTERIOR DOORS TO HAVE 2" WIDE CASING UNLESS OTHERWISE INDICATED.

8. SEE RCP'S FOR FINISH CEILING HEIGHTS.

9. REFER TO SHEET A0.06 FOR ALTERNATES



4 Interior Elevations

A-6.02D RESEARCH/CPU

SCALE: 1/4" = 1'-0"

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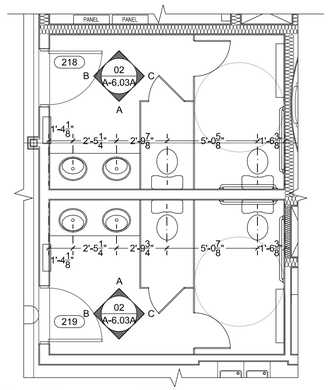
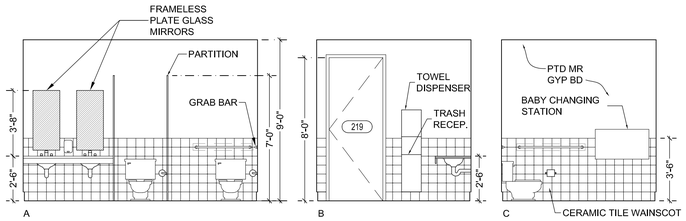
Sheet

A-6.02D



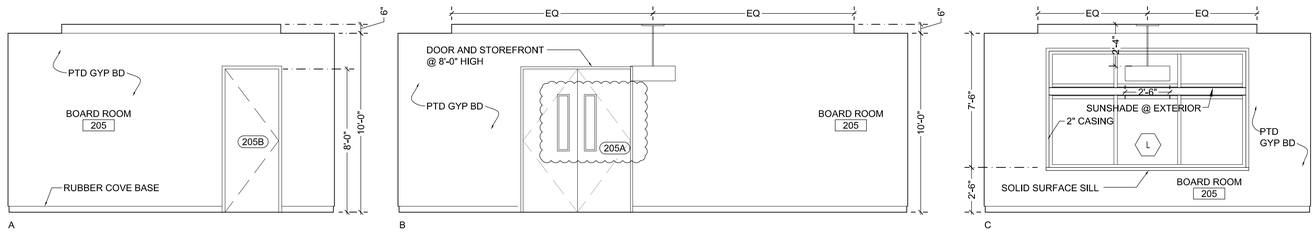
1 Enlarged Plan

A-6.03A 2ND FLOOR REST. (TYP.) SCALE: 1/4" = 1'-0"



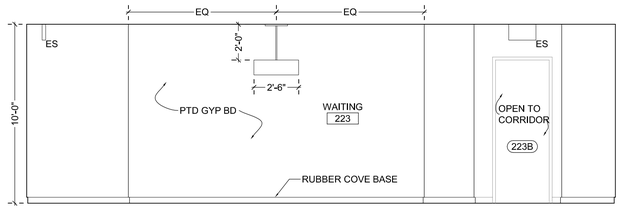
2 Interior Elevations

A-6.03A 2ND FLOOR RESTROOMS (TYP.) SCALE: 1/4" = 1'-0"



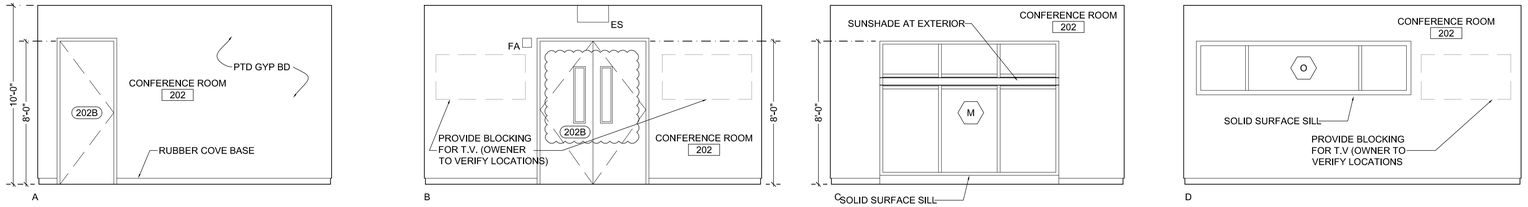
3 Interior Elevations

A-6.03A BOARD ROOM SCALE: 1/4" = 1'-0"



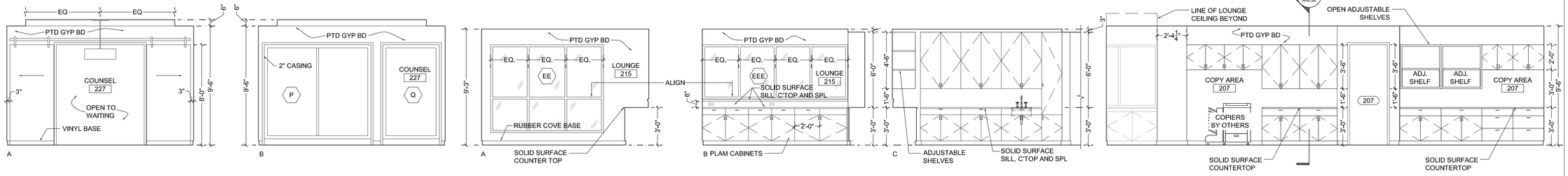
4 Interior Elevations

A-6.03A WAITING AREA SCALE: 1/4" = 1'-0"



5 Interior Elevations

A-6.03A CONFERENCE ROOM SCALE: 1/4" = 1'-0"



6 Interior Elevations

A-6.03A COUNSELING CONFERENCE ROOM SCALE: 1/4" = 1'-0"

7 Interior Elevations

A-6.03A LOUNGE SCALE: 1/4" = 1'-0"

8 Interior Elevations

A-6.03A COPY AREA SCALE: 1/4" = 1'-0"

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YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN • PEER | ARCHITECTS

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Owner

YWCA of New Orleans

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600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

PAULA MAY PEER
REG. NO. 5356
STATE OF LOUISIANA
REGISTERED ARCHITECT

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Enlarged Plans & Int. Elevations - Second Floor

Sheet

A-6.03A

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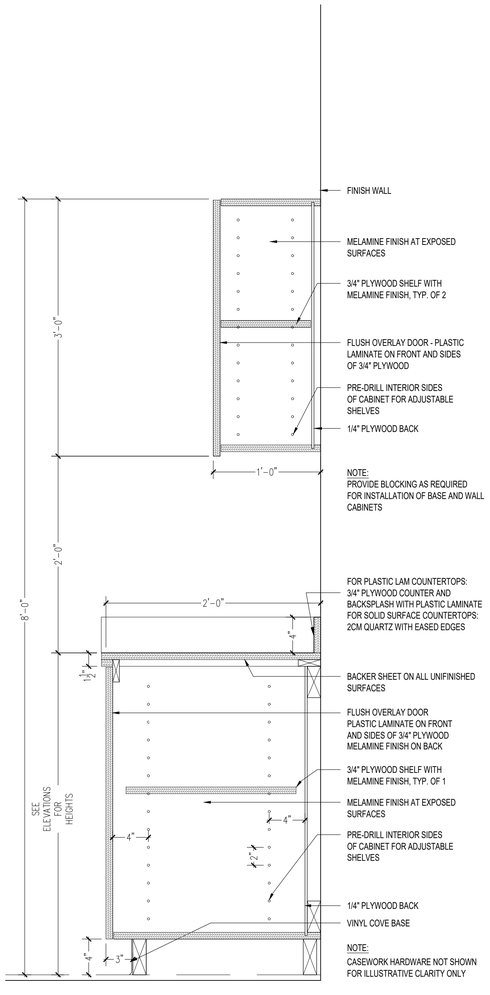

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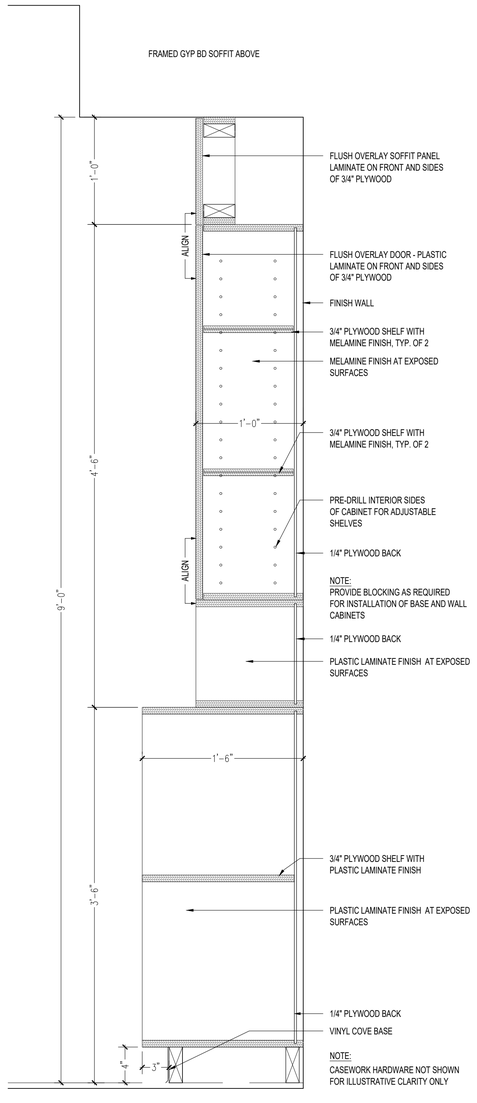

2 Section - Cubbies
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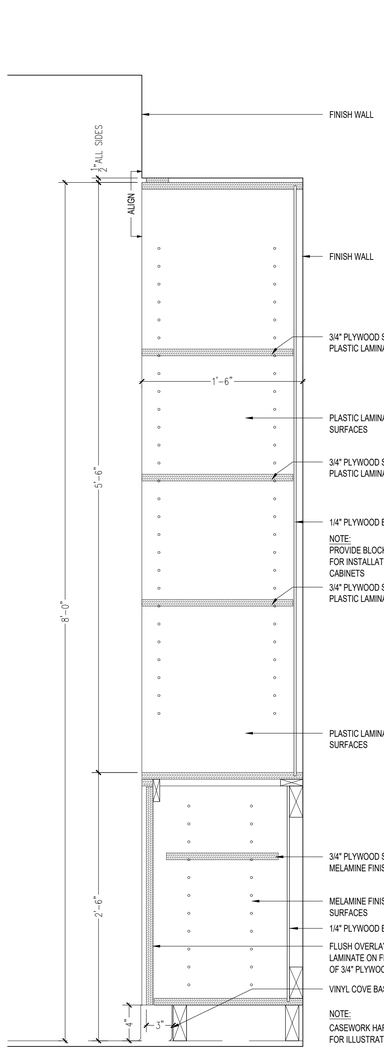

3 Section - Director's Built-in
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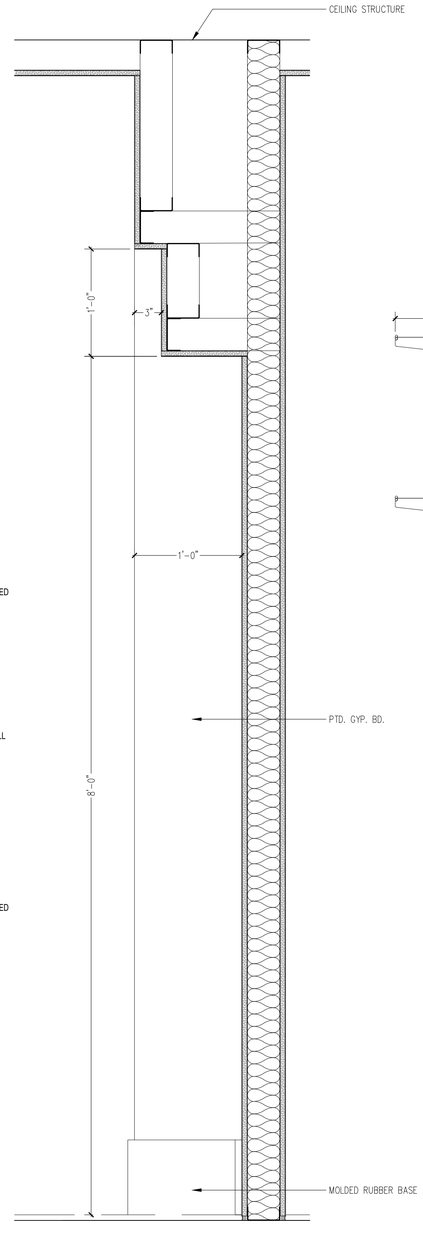

4 Section - Recessed Hall Wall
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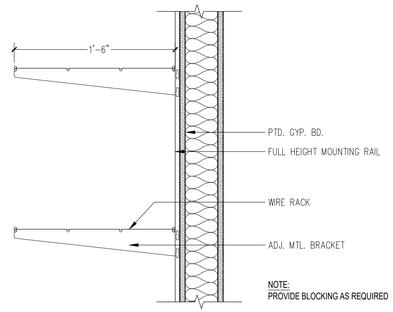

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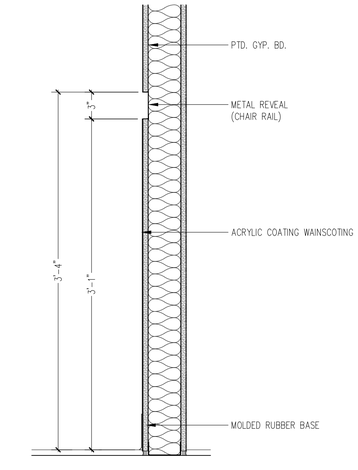

5 Section - Wainscoting
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SCALE: 1-1/2" = 1'-0"

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PAULA MAY PEER
REG. NO. 5396
STATE OF LOUISIANA
REGISTERED ARCHITECT

Revisions

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Title

Interior Details

Sheet

A-6.50

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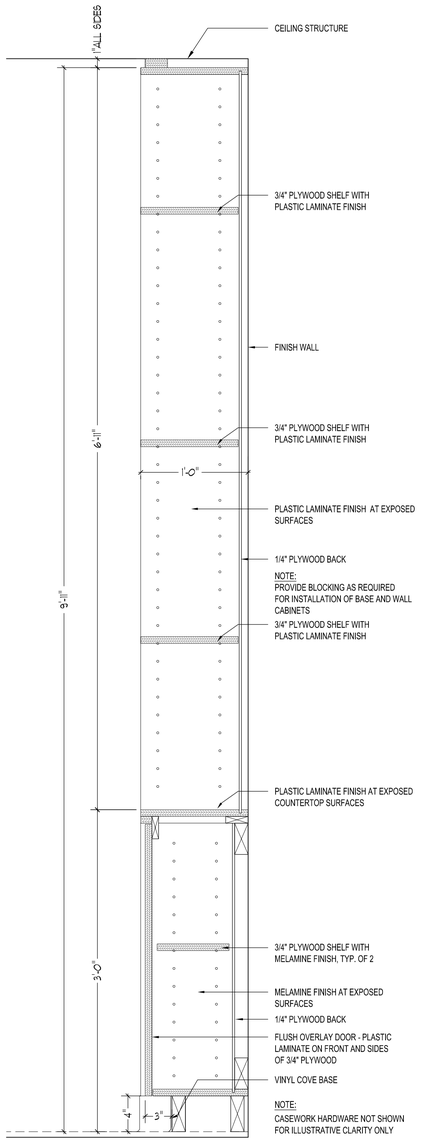

1 Section - Todders 2

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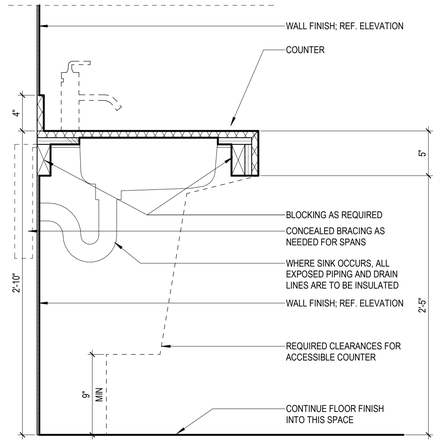

2 Typical Casework Dtl- Accessible Sink Vanity @ Restroom

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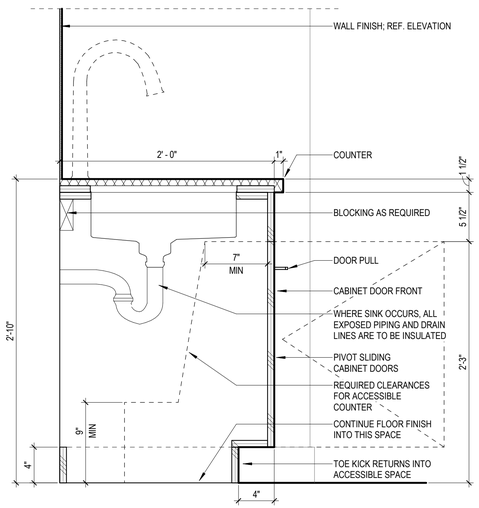

1 Typ Int Casework Dtl- Base Cabient @ Accessible Sink

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PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT

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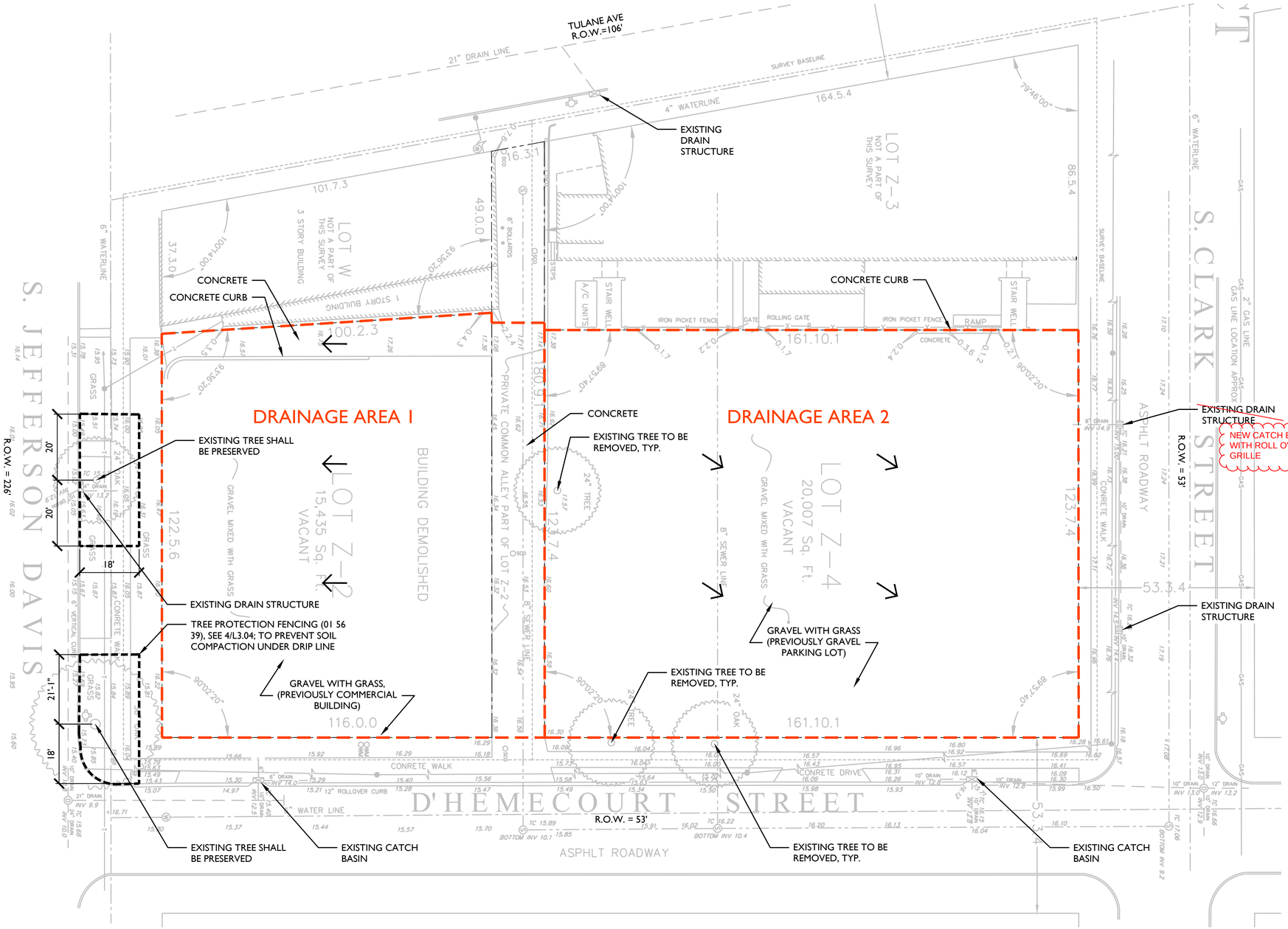
A-6.51



EXISTING SITE AND DRAINAGE PLAN

L1.00 1/16" = 1'-0"

LEGEND

- PROPERTY LINE
- TREE PROTECTION FENCING, SEE 4/L3.04
- DRAINAGE AREA
- SURFACE FLOW

NOTES

1. ACCORDING TO USDA NRCS, THE SOIL ON SITE IS DEFINED AS SCHRIEVER CLAY (Sk) WHICH IS ACCOUNTED AS HYDROLOGIC SOIL GROUP D.
2. TREE PROTECTION FENCING (01 56 39) TO PROTECT TREE ROOTS AND PREVENT SOIL COMPACTION UNDER TREE DRIP LINE.
3. ALL WORK DONE WITHIN THE TREE PROTECTION AREA OR UNDER THE DRIP LINE OF EXISTING TREES TO REMAIN SHALL BE DONE BY HAND.
4. CONSTRUCTION EQUIPMENT OR HEAVY MACHINERY SHALL NOT BE ALLOWED WITHIN TREE PROTECTION FENCING.
5. A LOUISIANA LICENSED ARBORIST SHALL PROCURE A PERMIT FROM THE DEPARTMENT OF PARKS AND PARKWAYS PRIOR TO PERFORMING WORK ON EXISTING TREES TO REMAIN.

SPACKMAN MOSSOP MICHAELS

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

Contractor

PAULA MAY PEER REG. NO. 5396 STATE OF LOUISIANA REGISTERED ARCHITECT
11/26/2019

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Checked By	EB

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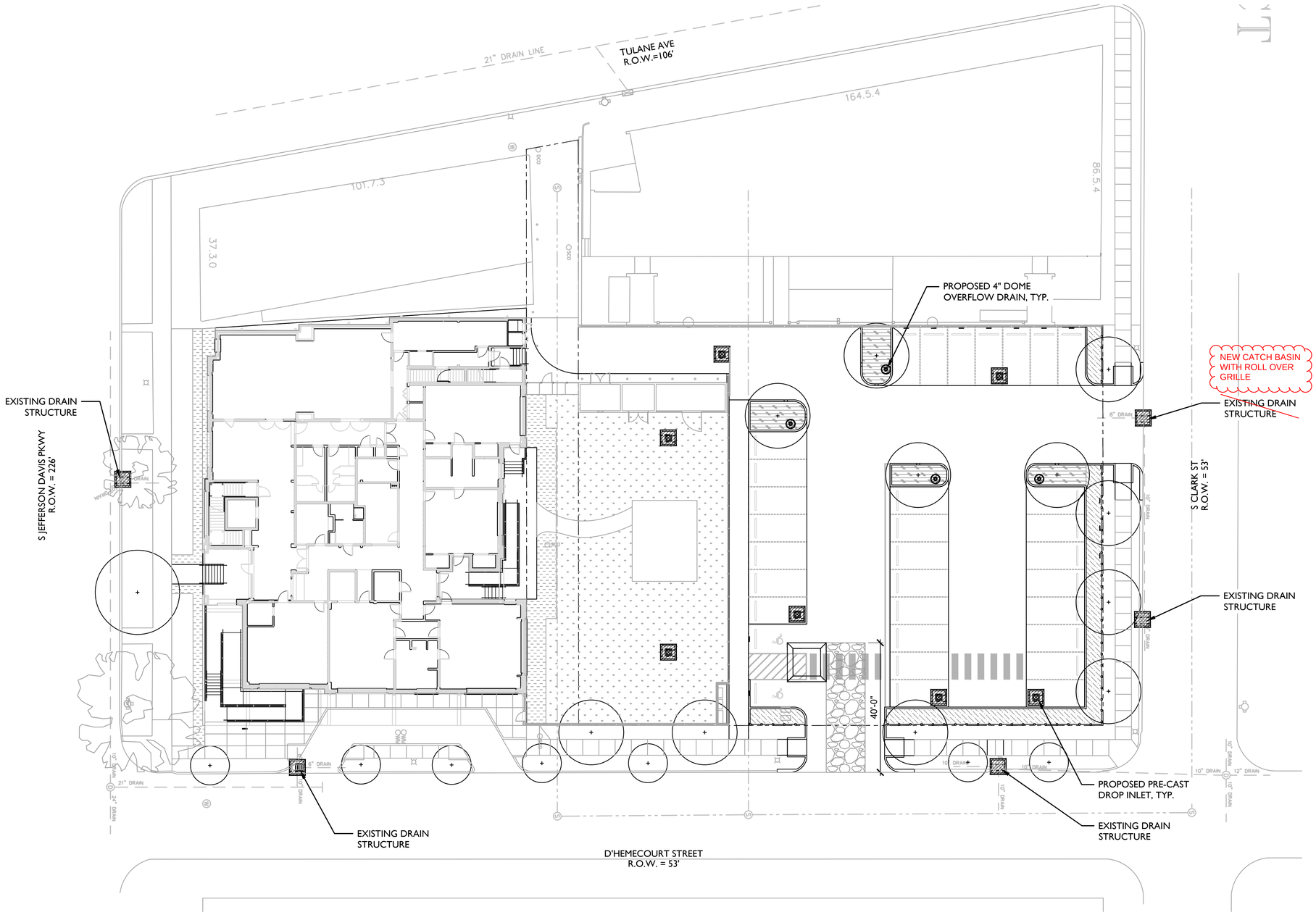
(RE-ISSUE 7/12/2023)

Title
EXISTING SITE AND DRAINAGE PLAN

Sheet
L1.00



EROSION CONTROL PLAN

L1.01 1/16" = 1'-0"

LEGEND

- PROPERTY LINE
- TEMPORARY STONE CONSTRUCTION ENTRANCE, SEE 2/L1.02
- CONCRETE WASHOUT FACILITY, SEE NOTE #3
- TEMPORARY DROP INLET SILT TRAP, SEE 3/L1.02
- TEMPORARY INLET SILT TRAP

NOTES

1. PRIOR TO RELEASE FOR CONSTRUCTION THE CONTRACTOR SHALL EXECUTE THE CONSTRUCTION STORMWATER POLLUTION PREVENTION AND EROSION CONTROL PLAN SUBMITTED WITH APPLICATION AND IN COMPLIANCE WITH BUILDING CODE SECTION 121.5 AND 121.6 AND DPW STANDARD SPECIFICATION SECTION C204.
2. ALL STORMWATER CONTROL MEASURES (SCM) MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO RETAIN SEDIMENT ON-SITE TO THE EXTENT PRACTICAL.
3. CONTRACTOR SHALL PROVIDE AND IDENTIFY A CONCRETE WASHOUT FACILITY FOR THE USE OF THOSE PROVIDING CONCRETE OR CONCRETE-RELATED SERVICES, SEE 4/L1.02.
4. AT THE END OF CONSTRUCTION, CONTRACTOR SHALL REMOVE SCMs IN ADDITION TO ALL SEDIMENT AND TRASH THAT MAY HAVE BEEN DEPOSITED IN NEW AND EXISTING PIPES, STRUCTURES, AND BMPs.

SPACKMAN MOSSOP MICHAELS

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
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Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
LICENSED
LANDSCAPE ARCHITECT

11/26/2019

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EROSION CONTROL PLAN

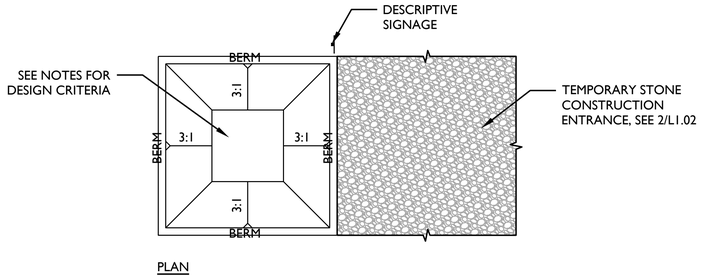
Sheet
L1.01

GENERAL NOTES:

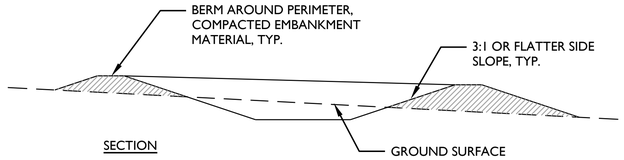
1. ALL STORMWATER CONTROL MEASURES (SCM) MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO RETAIN SEDIMENT ON-SITE TO THE EXTENT PRACTICAL.
2. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE LOUISIANA PERMIT FOR STORM-WATER DISCHARGE, NEW ORLEANS BUILDING CODE SECTION 121.5 AND 121.6 AND DPW STANDARD SPECIFICATION SECTION C204.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A STATE STORM WATER MANAGEMENT PERMIT AND PAYING ANY REQUIRED FEES.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SCMs THROUGHOUT CONSTRUCTION ON A DAILY BASIS. CONTRACTOR MUST REMOVE SEDIMENT FROM ALL APPLICABLE CONTROLS WHEN DESIGN SILT STORAGE CAPACITY HAS BEEN REDUCED BY 50%. WHEN INSPECTIONS IDENTIFY CONTROLS OPERATING INEFFECTIVELY, THE CONTROLS SHALL BE MAINTAINED AT MINIMUM BIWEEKLY AND BEFORE, DURING, AFTER A RAIN EVENT. EACH INSPECTION SHALL BE KEPT IN A LOG.
4. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE CONTRACTOR'S PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE ARCHITECT, CITY OR STATE MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF FACILITIES. ADDITIONAL MEASURES, IF REQUIRED, SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL MONITOR OFF-SITE ACCUMULATIONS OF SEDIMENT ESCAPING THE PROJECT SITE AND REMOVE ACCUMULATED SEDIMENT IMMEDIATELY. SEDIMENTATION WITHIN STREETS ADJACENT TO THE PROJECT SITE MUST BE REMOVED PRIOR TO RAINFALL EVENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL FINES FOR VIOLATIONS REGARDING EROSION CONTROL.
6. CONTRACTOR SHALL ENSURE THAT ALL LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS ARE PREVENTED FROM BECOMING POLLUTANT SOURCES.
7. OFF-SITE MATERIAL STORAGE AREAS USED SOLELY FOR THIS PROJECT, INCLUDING FILL STOCKPILES AND BORROW AREAS (AS APPLICABLE), MUST BE PREVENTED FROM BECOMING POLLUTANT SOURCES BY INSTALLATION OF BMP'S.
8. CONTRACTOR SHALL INSPECT ACCESSIBLE DISCHARGE LOCATIONS IN ORDER TO VERIFY THAT EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO THE RECEIVING DRAINAGE SYSTEM.
9. CONTRACTOR SHALL IDENTIFY ALL SOURCES OF ALLOWABLE NON-STORM WATER THAT WILL BE COMBINED WITH STORM WATER AT THE SITE AND ENSURE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR NON-STORM WATER COMPONENTS OF DISCHARGE.
10. EROSION CONTROL FACILITIES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL FACILITIES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL A MATURE COVERING OF HEALTHY VEGETATION HAS BEEN ESTABLISHED OVER THE ENTIRE AREA.
11. AT THE END OF CONSTRUCTION, CONTRACTOR SHALL REMOVE SCMs IN ADDITION TO ALL SEDIMENT AND TRASH THAT MAY HAVE BEEN DEPOSITED IN NEW AND EXISTING PIPES, STRUCTURES, AND BMPS.

CONCRETE WASHOUT FACILITY AND WASTE MANAGEMENT NOTES:

1. CONCRETE WASTE MANAGEMENT REQUIREMENTS SHALL APPLY TO ALL CONSTRUCTION SITES WITH CONCRETE WORK. THIS INCLUDES THE USE OF CONCRETE DELIVERED BY TRUCK OR OTHER CONCRETE COATED EQUIPMENT, MORTAR-MIXING STATIONS, OR WHERE CONCRETE DUST, DEBRIS, OR SLURRY IS CREATED BY EITHER CONSTRUCTION OR DEMOLITION. CONCRETE WASTE MANAGEMENT PRACTICES SHALL ALSO APPLY TO ANY OPERATOR OF A VEHICLE USED TO DELIVER OR APPLY CONCRETE PRODUCTS.
   - 1.1. ALL CONSTRUCTION SITES SHALL PROVIDE AND IDENTIFY A REASONABLE CONCRETE WASHOUT FACILITY FOR THE USE OF THOSE PROVIDING CONCRETE OR CONCRETE-RELATED SERVICES ON THE SITE OR PROVIDE FOR THE REMOVAL OF CONCRETE WASTE.
   - 1.2. IN SOME CASES, PARTICULARLY IN THE CASE OF A RENOVATION OF A SINGLE STRUCTURE, THE CONCRETE PROVIDER IS EXPECTED TO DISPOSE OF OR WASHOUT ANY EXCESS CONCRETE OR DEBRIS IN A MANNER CONSISTENT WITH THIS SECTION EVEN IF THE SITE DOES NOT LEND ITSELF TO A SEPARATE WASHOUT FACILITY.
2. DESIGN CRITERIA. PROVIDE A MINIMUM OF SIX CUBIC FEET OF CONTAINMENT VOLUME FOR EVERY TEN CUBIC YARDS OF CONCRETE TO BE POURED. THERE MUST BE A MINIMUM FREEBOARD OF SIX INCHES FOR THOSE FACILITIES BUILT ABOVE THE GROUND OR A MINIMUM OF 12 INCHES FOR THOSE BUILT BELOW GRADE. PREFABRICATED WASHOUT FACILITIES ARE ALLOWED SO LONG AS THEY MEET THE CRITERIA OF TEMPORARY FACILITIES IN TERMS OF CAPACITY, PROTECTION FROM RUNOFF AND CLEAN OUT REQUIREMENTS. ALL WASHOUT AREAS MUST:
   - 2.1. BE LOCATED AS FAR AWAY FROM STORM DRAINS, DITCHES, OR OTHER BODIES OF WATER AS IS PRACTICAL.
   - 2.2. PROVIDE ALL-WEATHER ACCESS WITH SUFFICIENT CONTROLS TO KEEP MUD OR DEBRIS FROM THE STREETS SURROUNDING THE FACILITY.
   - 2.3. PHYSICALLY RESTRICT ALL RUNOFF FROM THE AREA BY CONSTRUCTION OF TEMPORARY PIT OR BERMED AREA OF SUFFICIENT SIZE. ARTIFICIAL BERMS MAY BE CREATED FROM STRAW BALES OR SAND BAGS SO LONG AS THE SAME IS STAKED AND IS DOUBLE OR TRIPLE-LINED WITH POLYETHYLENE SHEETING OF SUFFICIENT THICKNESS AND WITHOUT HOLES OR TEARS.
   - 2.4. BE CLEARLY MARKED BY SIGNAGE.
   - 2.5. BE LINED WITH POLYETHYLENE SHEETING OF SUFFICIENT THICKNESS AND WHICH IS FREE FROM HOLES, TEARS, OR DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
3. MAINTENANCE REQUIREMENTS: THE WASHOUT PIT SHALL BE CLEANED AND MAINTAINED ON A REGULAR BASIS.
   - 3.1. THE FACILITY MUST BE REMOVED OR CLEANED OUT WHEN THE FACILITY IS NO LONGER REQUIRED FOR WORK IN THE AREA OR WHEN THE FACILITY IS AT 75 PERCENT CAPACITY.
   - 3.2. TO REMOVE OR CLEAN THE FACILITY, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF MATERIALS USED TO CONSTRUCT THE TEMPORARY FACILITY MUST ALSO BE REMOVED AND DISPOSED OF WHEN THEY ARE NO LONGER SUITABLE FOR USE OR NO LONGER NEEDED.
   - 3.3. ANY HOLES OR DEPRESSIONS CAUSED BY A TEMPORARY WASHOUT FACILITY SHOULD BE BACKFILLED AND REPAIRED AND THE SOIL SHALL BE STABILIZED.
   - 3.4. IF ANY LIQUID OR OTHER CONTAMINANT IS FOUND OUTSIDE THE WASHOUT FACILITY IT SHALL BE CLEANED UP IMMEDIATELY.
   - 3.5. ALL CONCRETE WASTE MATERIAL MUST BE PROPERLY DISPOSED OF.



PLAN



SECTION

4 CONCRETE WASHOUT FACILITY

L1.02 NTS

TEMPORARY SILT FENCING NOTES:

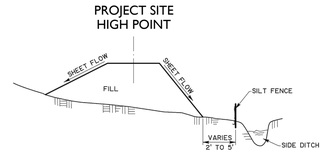
1. THE GEOTEXTILE FABRIC SHALL BE PLACED IN THE EXCAVATED TRENCH, BACKFILLED, AND COMPACTED TO THE EXISTING GROUND SURFACE.

2. WOODEN SUPPORT POSTS SHALL BE A MINIMUM DIMENSION OF 1-1/8" x 1-1/8" AIR OR KILN DRIED OF HICKORY OR OAK AND 4 FEET LONG. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAL FOOT AND 5 FEET LONG. POST SPACING SHALL BE A MAXIMUM OF 8 TO 10 FEET.

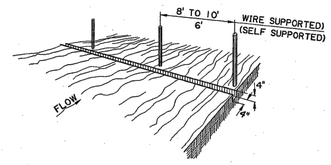
3. THE GEOTEXTILE FABRIC SHALL BE ATTACHED DIRECTLY TO THE UPSLOPE SIDE OF WOODEN POSTS WITH 0.5 INCH STAPLES IN AT LEAST 3 PLACES, OR WITH WOODEN LATH AND NAILS. ATTACHMENT TO STEEL POSTS WILL BE BY WIRE FASTENERS OR 50 POUND PLASTIC TIE STRAPS ON THE UPSLOPE SIDE.

4. THE SILT FENCE SHALL BE INSPECTED AT 7 DAY INTERVALS AND AFTER ALL 1/2" RAINFALL EVENTS.

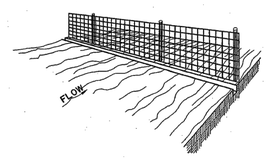
5. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED.



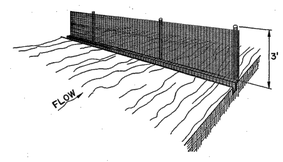
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



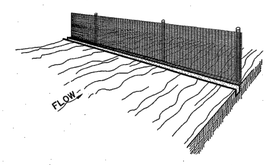
2. STAPLE WIRE FENCING TO THE POSTS.



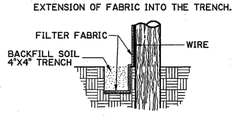
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL.

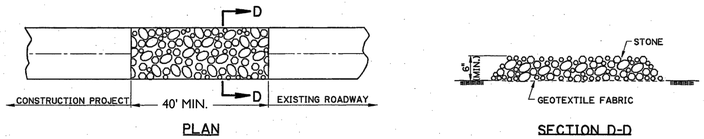


EXTENSION OF FABRIC INTO THE TRENCH.



1 TEMPORARY SILT FENCING

L1.02 NTS



PLAN

SECTION D-D

NOTES:

TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
3. THE LENGTH OF THE PAD MUST BE A LEAST 40 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

2 TEMPORARY STONE CONSTRUCTION ENTRANCE

L1.02 NTS

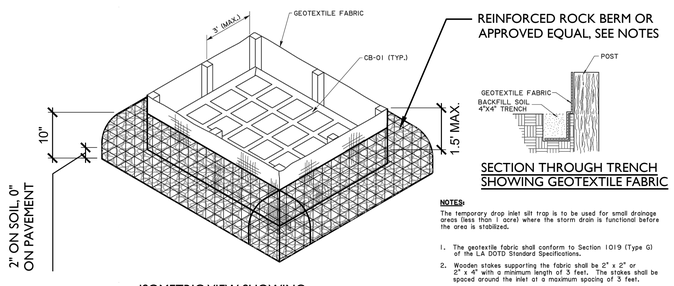
REINFORCED ROCK BERM NOTES:

1. CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES).

2. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE". ROLL WIDTH SHALL BE 48-INCHES.

3. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6-INCH CENTERS ALONG ALL JOINTS AND AT 2-INCH CENTERS ON ENDS OF BERM.

4. REINFORCED ROCK BERM SHALL BE CONSTRUCTED IN ONE PIECE.



ISOMETRIC VIEW SHOWING DROP INLET SILT TRAP

SECTION THROUGH TRENCH SHOWING GEOTEXTILE FABRIC

NOTES:

The temporary drop inlet silt trap is to be used for small drainage areas (less than 1 acre) where the storm drain is functional before the area is stabilized.

1. The geotextile fabric shall conform to Section 1019 (Type G) of the LA DOTD Standard Specifications.
2. Wooden stakes supporting the fabric shall be 2" x 2" or 2" x 4" with a minimum length of 3 feet. The stakes shall be spaced around the inlet at a maximum spacing of 3 feet.
3. The height of the fabric above the inlet shall be limited to 1.5' and the bottom of the fabric shall be buried in a trench approximately 4" wide by 4" deep. The fabric shall be stapled to the post with ½" staples.
4. The trap should be inspected regularly and after each storm. The sediment should be removed and make sure each stake is firmly in the ground.

3 TEMPORARY DROP INLET SILT TRAP

L1.02 NTS

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New Orleans, LA 70119

Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
No. 06 ID #540 10/26
LICENSED LANDSCAPE ARCHITECT

11/26/2019

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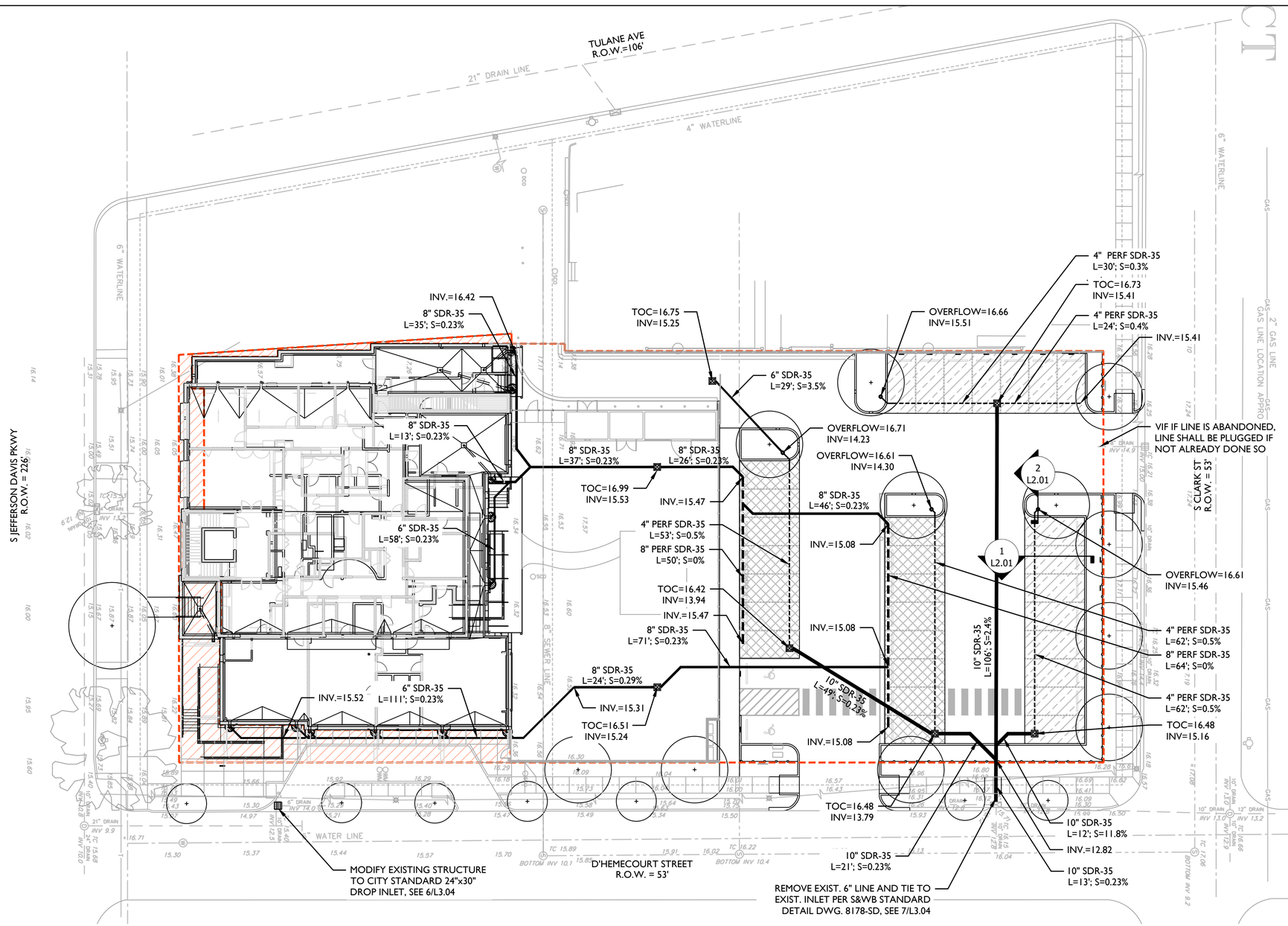
EROSION CONTROL DETAILS

Sheet
L1.02



1 L2.00 PROPOSED SITE AND DRAINAGE PLAN

1" = 10'-0"

LEGEND

- PROPOSED DRAINAGE AREA 1
- PROPOSED DRAINAGE AREA 2 TO BYPASS
- BMP - PERMEABLE PAVERS, PROFILE TYPE A, SEE 1A/L2.01
- BMP - PERMEABLE PAVERS, PROFILE TYPE B, SEE 1B/L2.01
- SOLID DRAIN LINE, SIZE AND TYPE VARIES
- PERFORATED DRAIN LINE, SIZE AND TYPE VARIES
- BOOTED DOWNSPOUT, SEE NOTE #2
- SURFACE FLOW
- PRE-CAST DROP INLET, SEE 5/L3.04
- DOME OVERFLOW DRAIN, SEE 2/L2.01

NOTES

1. ACCORDING TO USDA NRCS, THE SOIL ON SITE IS DEFINED AS SCHRIEVER CLAY (Sk) WHICH IS ACCOUNTED AS HYDROLOGIC SOIL GROUP D.
2. ALL BOOTED DOWNSPOUTS TO HAVE BACK-FLOWER PREVENTION, SEE 4/L2.01.
3. SUBGRADE SHALL SLOPE AT .5% MINIMUM TO UNDERDRAINS.
4. PERFORATED PIPE SHALL CONFORM TO ASTM C2729 AND HAVE 3 PERFORATION ROWS WITH 60° - 60° CIRCUMFERENTIAL HOLE SPACING, 5.000 IN. LONGITUDINAL HOLE SPACING, AND .5000 IN. HOLE DIAMETER.
5. ALL BMP COMPONENTS INCLUDING PERMEABLE PAVERS, GRAVEL BASE, AND PIPING SHALL BE PROTECTED FROM SEDIMENT INTRUSION DURING CONSTRUCTION, SEE CIVIL FOR EROSION CONTROL PLAN, TO BE EXECUTED PRIOR TO START OF CONSTRUCTION.
6. BMPS, PIPES, AND ENTIRE STORMWATER SYSTEM SHALL BE INSPECTED, FULLY CLEANED, AND FLUSHED OUT OF ALL DEBRIS AND SEDIMENT PRIOR TO OBTAINING A CERTIFICATE OF OCCUPANCY AS REQUIRED BY CITY.

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STATE OF LOUISIANA
KENNETH MICHAELS
LICENSED
LANDSCAPE ARCHITECT

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PROPOSED SITE AND DRAINAGE PLAN

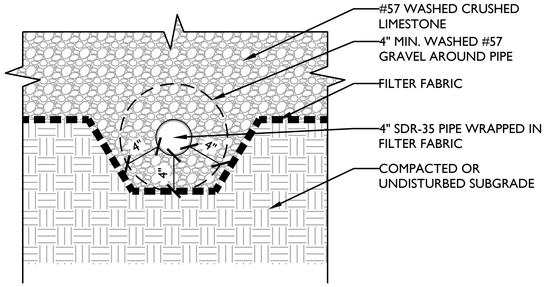
Sheet
L2.00

BID DOCUMENTS

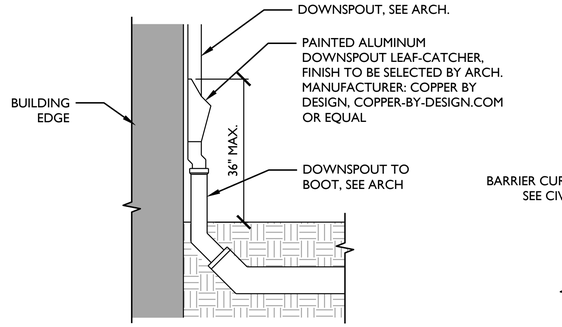
NOTES

1. RAIN GARDEN SOIL MIX (02900) CONSISTS OF:
   - 40% MANUFACTURED TOPSOIL
   - 20% BLACK BARK MULCH
   - 40% PUMP SAND
   - WEIGHT OF 8-8-8 SLOW-RELEASE FERTILIZER PER 1,000 SF: 8 LBS.
2. PERMEABILITY SHALL CONFORM TO STANDARDS SET FORTH IN ANSI C1701. ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.

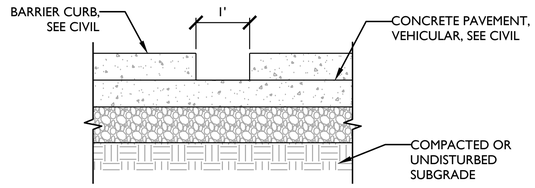
NOTE: UNDERDRAIN SLOPED TO STORM DRAIN. (MIN. SLOPE .23%)



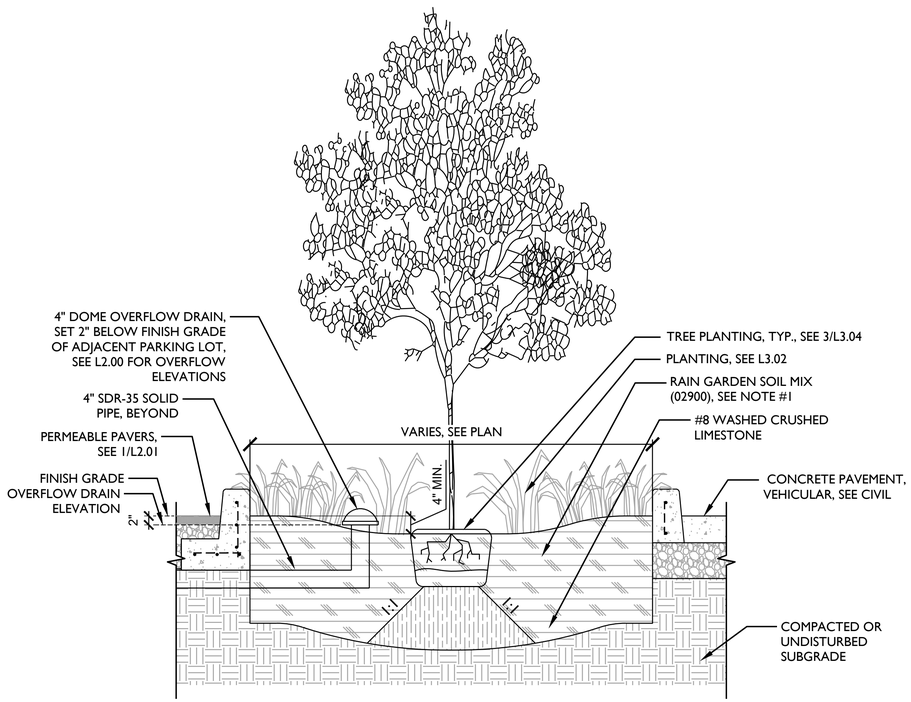
5 L2.01 — DETAIL OF UNDERDRAIN, TYP.
1-1/2" = 1'-0"



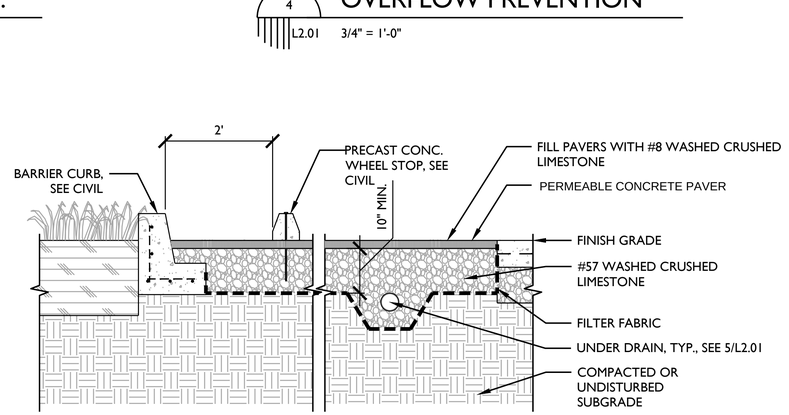
4 L2.01 — BOOTED DOWNSPOUT OVERFLOW PREVENTION
3/4" = 1'-0"



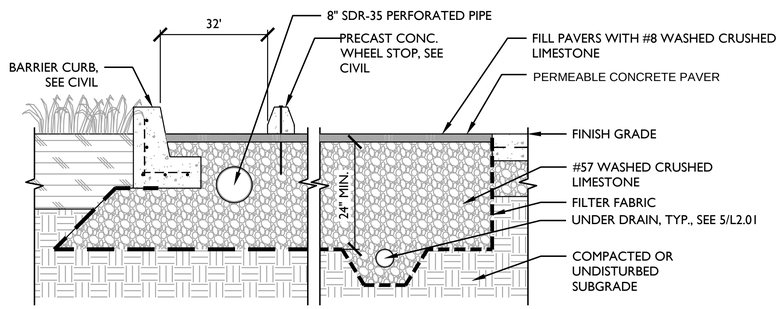
3 L2.01 — CURB CUT
3/4" = 1'-0"



2 L2.01 — SECTION THROUGH PARKING LOT ISLAND, TYP.
3/4" = 1'-0"

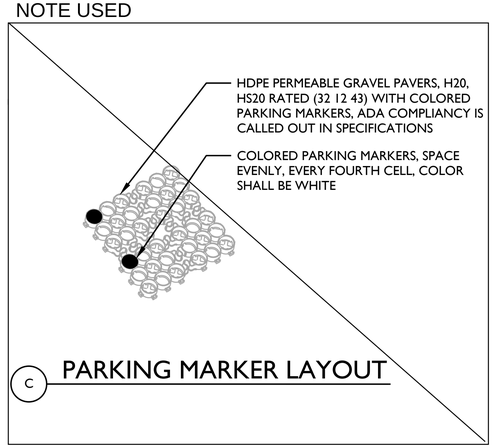


B — PROFILE TYPE B



A — PROFILE TYPE A

NOTE USED



C — PARKING MARKER LAYOUT

1 L2.01 — SECTION THROUGH PERMEABLE PAVERS, TYP.
3/4" = 1'-0"

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STATE OF LOUISIANA — KENNETH MICHAELS — No. 001264 — LICENSED LANDSCAPE ARCHITECT
11/26/2019

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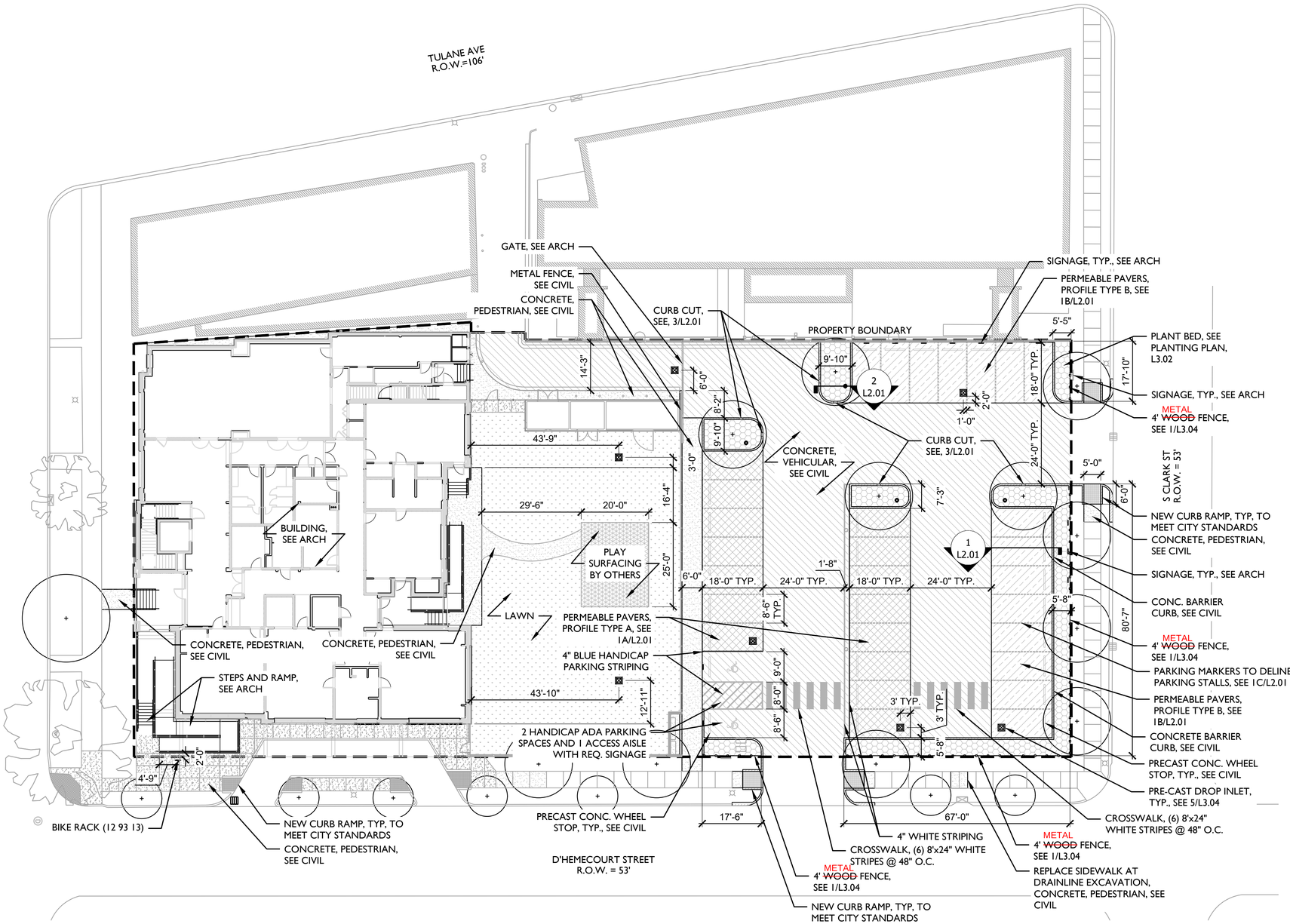
GREEN INFRASTRUCTURE DETAILS

Sheet
L2.01



1 L3.00 PROPOSED LANDSCAPE PLAN

1" = 10'-0"

LEGEND	
▬ ▬	PROPERTY BOUNDARY
⊠	PRE-CAST DROP INLET, SEE 5/L3.04
⊙	DOME OVERFLOW DRAIN, SEE 2/L2.01

NOTES

1. SEE L3.03 FOR PLANTING SCHEDULE.
2. SEE SHEET A-0.06 FOR ALTERNATES

SPACKMAN MOSSOP MICHAELS

SOME INTERACTIVE PRESENTING SOFTWARE/APPS/WEB DATA MAY CONT

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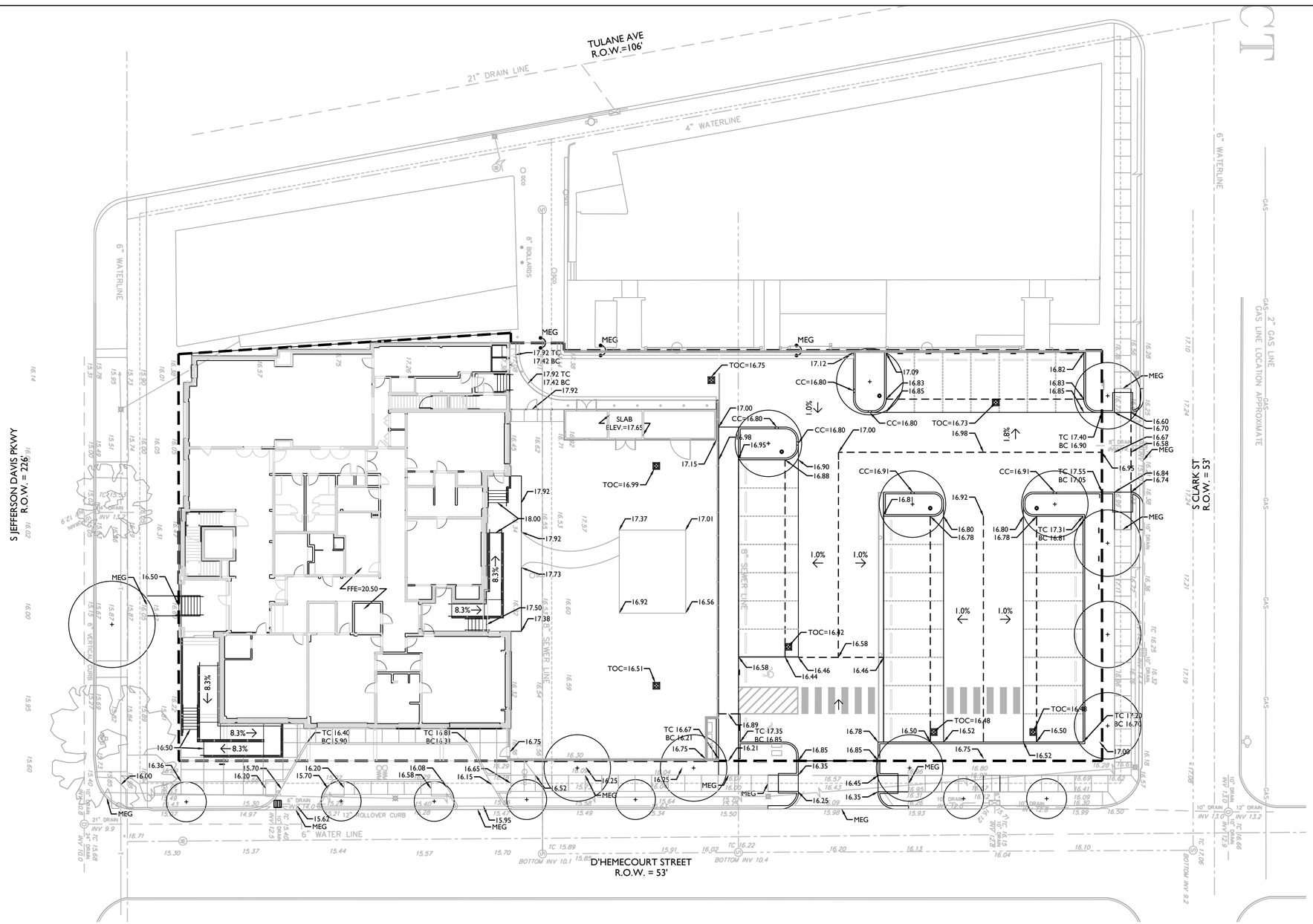
PROPOSED LANDSCAPE PLAN

Sheet
L3.00



PROPOSED GRADING PLAN

L3.00 1" = 10'-0"

LEGEND

— —	PROPERTY BOUNDARY
⊠	PRE-CAST DROP INLET, SEE 5/L3.04
⊙	DOME OVERFLOW DRAIN, SEE 2/L2.01
XX.XX	SPOT ELEVATION
X.X% →	SLOPE
MEG	MEET EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
CC	CURB CUT
TOC	TOP OF COVER

NOTES

1. SEE L2.00 FOR DRAINAGE PLAN AND DRAIN INVERT ELEVATIONS.
2. SEE SHEET A-0.06 FOR ALTERNATES

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GRADING PLAN

Sheet
L3.01

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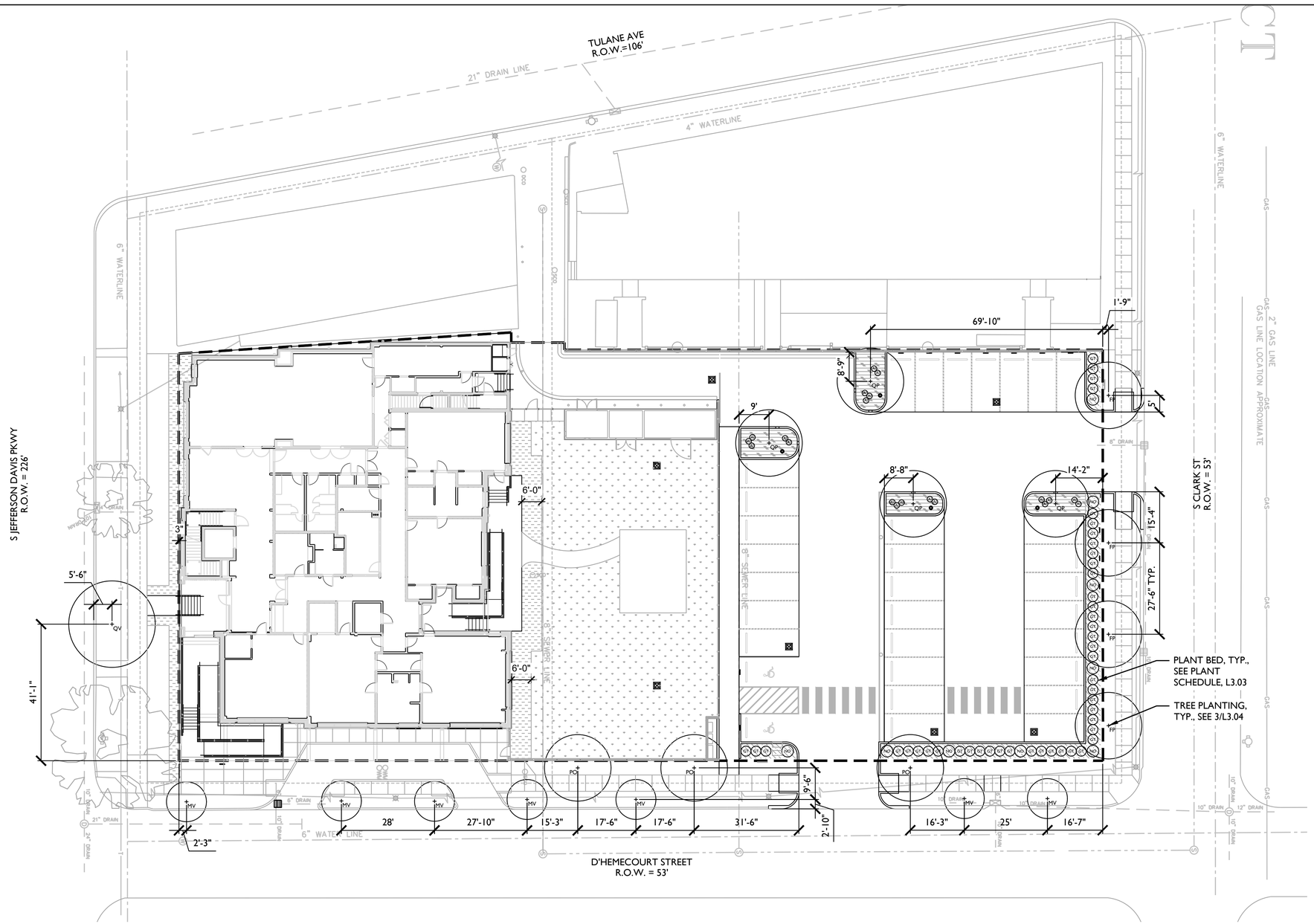

PLANTING PLAN

L3.02 1" = 10'-0"

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STATE OF LOUISIANA
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No. 000.04.2540 10.00
LICENSED LANDSCAPE ARCHITECT

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PLANTING PLAN

Sheet
L3.02

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PLANT SCHEDULE (02900)						
TREES						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE		NOTES
FP	GREEN ASH	*Fraxinus pennslyvanica*	4	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
MV	SWEET BAY MAGNOLIA	*Magnolia virginiana*	7	3" CAL.		SINGLE STEM; MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
PO	AMERICAN SYCAMORE	*Platanus occidentalis*	3	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
QP	WILLOW OAK	*Quercus phellos*	4	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER
QV	LIVE OAK	*Quercus virginiana*	1	3" CAL.		MIN CROTCH HEIGHT 4'; MUST HAVE STRONG CENTRAL LEADER

PLANT SCHEDULE (02900)						
SHRUBS AND PERENNIALS						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE	SPACING	NOTES
AI	SWAMP MILKWEED	*Asclepias incarnata*	20	2.5 GAL	REF PLAN	SHALL BE LIGHT PINK
GT	GEORGE L. TABOR AZALEA	*Azalea indica* 'George L. Tabor'	45	3 GAL	REF PLAN	36" HEIGHT MIN., FLOWER COLOR SHALL BE LIGHT PINK
NO	PETITE WHITE OLEANDER	*Nerium oleander* 'Petite White'	9	3 GAL	REF PLAN	36" HEIGHT MIN., FLOWER COLOR SHALL BE WHITE

PLANT SCHEDULE (02900 AND 02920)						
GROUNDCOVER						
SYMBOL	COMMON NAME	BOTANICAL NAME	QTY	SIZE	SPACING	NOTES
	PINK MUHLY GRASS	*Muhlenbergia capillaris*	507 SF	1 GAL	18" O.C.	TRIANGULAR SPACING
	CREEPING LIRIOPE	*Liriope spicata*	780 SF	4 IN POT	18" O.C.	TRIANGULAR SPACING
	LAWN - SODDED	*Cynodon dactylon*	1,130 SF	SOD		
	LAWN - SEEDED	*Cynodon dactylon*	4,565 SF	HYDROSEED		
	3" PINE STRAW MULCH		2,237 SF			ALL PLANT BEDS AND 4' RADIUS AROUND ALL TREES

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LICENSED LANDSCAPE ARCHITECT

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PLANT SCHEDULE

Sheet
L3.03

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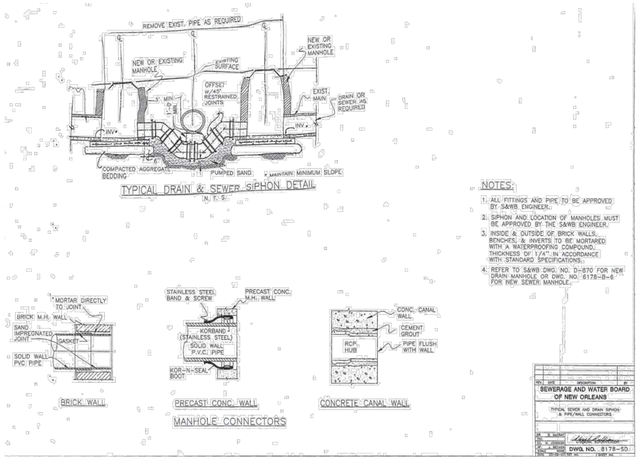
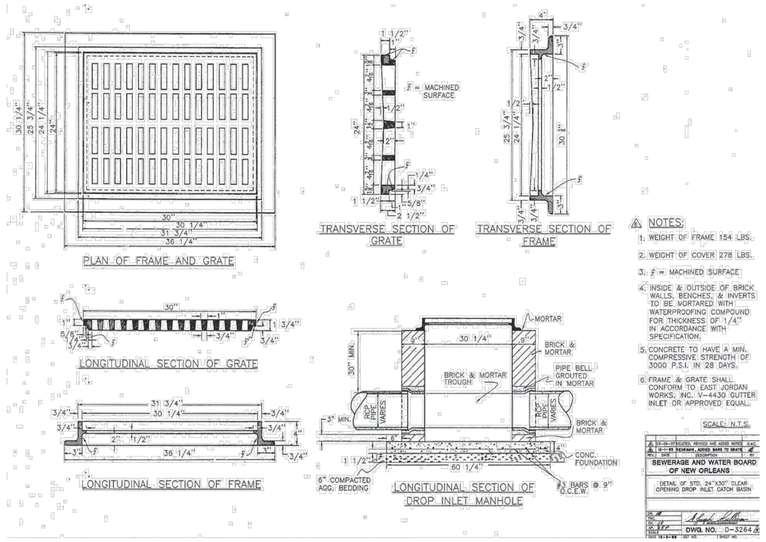


NOTES:

1. ALL FITTINGS AND PIPE TO BE APPROVED BY S&WB ENGINEER.
2. SIPHON AND LOCATION OF MANHOLES MUST BE APPROVED BY THE S&WB ENGINEER.
3. INSIDE & OUTSIDE OF BRICK WALLS, BENCHES, & INVERTS TO BE MORTARED WITH WATERPROOFING COMPOUND, THICKNESS OF 1/4" IN ACCORDANCE WITH SPECIFICATIONS.
4. REFER TO S&WB DWG. NO. D-870 FOR NEW DRAIN MANHOLE OR DWG. NO. 8178-B-6 FOR NEW SEWER MANHOLE.

7 S&WB STANDARD DETAIL DWG. NO. 8178-SD

L3.04 NTS



NOTES:

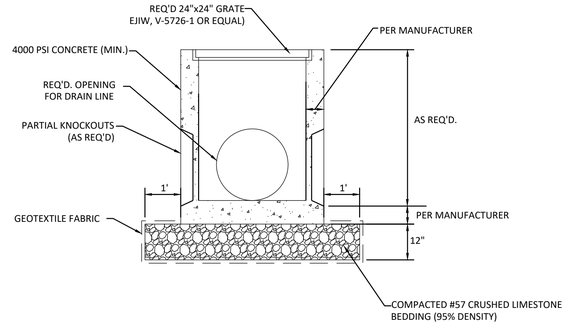
1. WEIGHT OF FRAME 154 LBS.
2. WEIGHT OF COVER 278 LBS.
3. F = MACHINED SURFACE
4. INSIDE & OUTSIDE OF BRICK WALLS, BENCHES, & INVERTS TO BE MORTARED WITH WATERPROOFING COMPOUND FOR THICKNESS OF 1/4" IN ACCORDANCE WITH SPECIFICATION.
5. CONCRETE TO HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS.
6. FRAME & GRATE SHALL CONFORM TO EAST JORDAN WORKS, INC. V-4430 GUTTER INLET OR APPROVED EQUAL.

6 CITY STANDARD 24"x30" DROP INLET, TYP.

L3.04 NTS

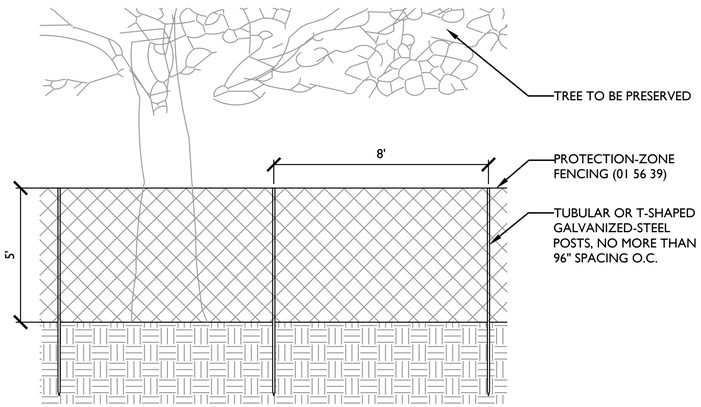
NOTES:

1. MATERIALS & FEATURES
   - CONCRETE: 4,000 PSI IN 28 DAYS.
   - REINFORCING STEEL: PER ASTM A-615, GRADE 60.
   - REINFORCING TO MEET AASHTO HS 20-44 LOADING.
   - PRECAST STRUCTURE TO MEET ASTM C-857-92
   - JOINT SEALANT: RAM-NEK GASKET MATERIAL.
2. PRE-CAST CATCH BASINS SHALL BE AS MANUFACTURED BY HANSON OR EQUAL.
3. CONTRACTOR SHALL USE 24" ROUND SOLID TOP MARKED "DRAIN" WITH FRAME IN ACCORDANCE WITH ASTM A-48, CLASS 30 FOR GRAY CASTINGS FOR REQUIRED DRAINAGE MANHOLE.



5 PRE-CAST DROP INLET

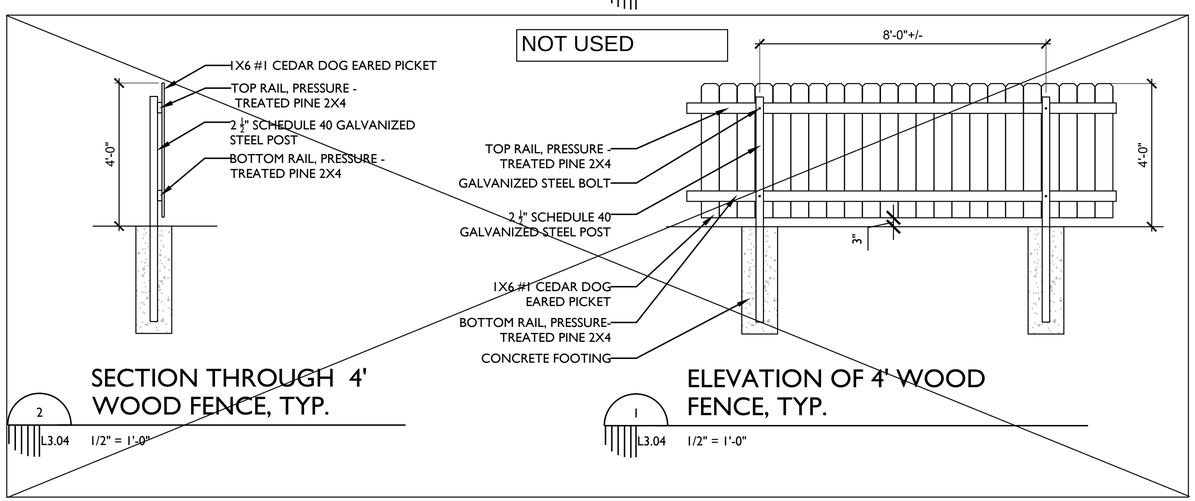
L3.04 NTS



4 TREE PROTECTION FENCING, TYP.

L3.04 3/8" = 1'-0"

SEE 1/A2.01.1 FOR PARKING LOT FENCE DETAILS

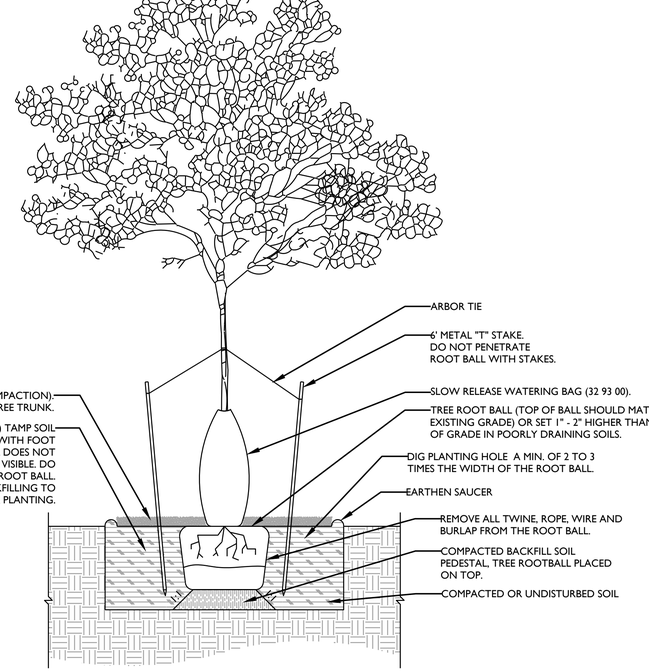


2 SECTION THROUGH 4' WOOD FENCE, TYP.

L3.04 1/2" = 1'-0"

1 ELEVATION OF 4' WOOD FENCE, TYP.

L3.04 1/2" = 1'-0"



3 TREE PLANTING, TYP.

L3.04 1/2" = 1'-0"

SPACKMAN MOSSOP AND MICHAELS

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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Owner
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New Orleans, LA 70119

Contractor

STATE OF LOUISIANA
KENNETH MICHAELS
No. 918
LICENSED LANDSCAPE ARCHITECT

11/26/2019

Revisions

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Drawn By	JS
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08/05/2021
(RE-ISSUE 7/12/2023)

Title
(RE-ISSUE 11/12/2024)
SITE DETAILS

Sheet
L3.04

\\NM_NAS\ACTIVE PROJECTS\18102_YWCA\DRAWINGS_CAD\L-BASE.DWG

GENERAL NOTES

1. ALL WORK MUST CONFORM TO THE REQUIREMENTS OF THE CITY OF NEW ORLEANS, THE LA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.

2. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CAREFULLY VERIFY SAME AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES.

3. DAMAGES TO EXISTING STREETS, DRAINAGE, OTHER UTILITY STRUCTURES, AND RESIDENT PROPERTIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR TO ORIGINAL AND/OR BETTER CONDITIONS TO THE SATISFACTION OF THE OWNERS.

4. CONTRACTOR SHALL DEVELOP A TREE PRESERVATION PLAN PER LANDSCAPE SPECIFICATIONS AND SUBMIT TO CITY OF NEW ORLEANS DEPARTMENT OF PARKS AND PARKWAYS FOR APPROVAL PRIOR TO CONSTRUCTION. WORK AROUND EXISTING TREES SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPROVED PLAN AND DAMAGE REMEDIATION SHALL BE PERFORMED TO THE SATISFACTION OF THE DEPARTMENT OF PARKS AND PARKWAYS.

5. PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL CONDITIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STATE AND PARISH RIGHTS-OF-WAY AND ALL SERVITUDES SHALL BE CLEARED OF ALL DEBRIS AND OBSTRUCTIONS.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN SERVICES, SUPPLYING MATERIALS, AND LABOR NECESSARY TO PROVIDE SHEETING, SHORING, AND BRACING OR SUPPORTS AS REQUIRED TO PROVIDE SAFE WORKING CONDITIONS FOR CONTRACTOR'S PERSONNEL AND TO PROVIDE FOR PROTECTION OF UTILITIES, BUILDINGS, LEVEES, AND STRUCTURES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THESE REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE SYSTEM TO WITHSTAND LATERAL PRESSURE. SHEET DESIGN AND INSTALLATION SHALL BE INCLUDED IN THE COST OF THE PIPE OR STRUCTURAL INSTALLATION.

7. CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE RE-GRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

8. ALL DRIVEWAYS DISRUPTED BY EXCAVATION SHALL BE RESTORED USING LIKE MATERIAL TO ORIGINAL OR BETTER CONDITION.

9. CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 24 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS. DRIVEWAYS AND STREETS SHALL NOT REMAIN CLOSED OVERNIGHT.

10. CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS PRIOR TO DISRUPTION OF WATER, SEWER OF OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF SERVICE OVERNIGHT.

11. CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS.

    A. CONTRACTOR SHALL PROVIDE ACCESS TO COMMERCIAL/INDUSTRIAL PROPERTIES AT ALL TIMES.
    B. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES VEHICULAR ACCESS SHALL BE PROVIDED AS DIRECTED BY ENGINEER. UPON APPROVAL BY ENGINEER, VEHICULAR ACCESS MAY BE LIMITED DURING PAVING OF DRIVEWAYS. CONTRACTOR SHALL CONTACT AND ADVISE ALL AFFECTED PROPERTY OWNERS.

13. CONTRACTOR SHALL COORDINATE AND PAY FOR THE DE-ENERGIZING AND RE-ENERGIZING OF POWER LINES FOR CONSTRUCTION PURPOSES AS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.

14. CONTRACTOR SHALL BRACE UTILITY POLES ADJACENT TO EXCAVATION. BRACING SHALL REMAIN IN PLACE AFTER BACKFILLING UNTIL COMPACTION STANDARDS HAVE BEEN MET. COMPLETE WORK PROMPTLY ONCE EXCAVATION HAS BEGUN ADJACENT TO POLES.

15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DIRECTLY WITH THE APPROPRIATE UTILITY COMPANIES TO HAVE THE UTILITIES RELOCATED.

16. BACKFILL ALL UTILITY CROSSINGS, EXCAVATION UNDER THE ROADWAY AND SHOULDER WITH GRANULAR MATERIAL.

17. PRIOR TO PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL VERIFY EXISTING INVERTS AND TIE-INS. IF DISCREPANCIES ARE FOUND, NOTIFY CIVIL ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED ADJUSTMENTS.

18. ALL ELEVATIONS REFER TO OWNER PROVIDED SURVEY.

19. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND ABIDING BY REQUIRED LA DEQ STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES.

PAVEMENT NOTES

1. IN AREAS TO RECEIVE PAVEMENTS, THE SUBGRADE SHALL BE EXCAVATED AND HAULED OFF TO A DEPTH NECESSARY TO REMOVE NON-STRUCTURAL FILL, ROOTS, ORGANICS AND OTHER DELETERIOUS MATERIALS. ALL EXCAVATION AND BACKFILL FOR PAVEMENT WORK SHALL EXTEND AT LEAST ONE (1) FOOT BEYOND FOOTPRINT OF PAVEMENT. THE AREA SHALL THEN BE PROOF ROLLED TO IDENTIFY ANY WEAK SPOTS PRIOR TO PLACING BASE COURSE. PROOF ROLLING SHALL OCCUR WITHIN 48 HOURS OF THE PLACEMENT OF FILL OVER EXISTING SUBGRADE.

2. ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACE WITH STRUCTURAL FILL THAT WILL COMPACT SATISFACTORILY. FILL SHALL BE PLACED IN 6-8 INCH LIFTS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698 (STANDARD PROCTOR). WHERE THE SUBGRADE IS OF NON-UNIFORM COMPACTED NATURE, IT SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 6 INCHES FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.

3. STRUCTURAL FILL SHALL CONSIST OF SELECT SAND FILL BEING NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING THE NO. 200 SIEVE (AASHTO A-3 OR BETTER).

4. BASE COURSE FOR CONCRETE PAVEMENT SHALL CONSIST OF 12 INCHES (MIN.) OF SELECT SAND FILL BEING NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING THE NO. 200 SIEVE (AASHTO A-3 OR BETTER). BASE COURSE FOR CONCRETE SIDEWALKS SHALL BE 6 INCHES THICK (MIN.) OF SAME SELECT SAND FILL.

5. BASE COURSE SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 6 INCHES IN THICKNESS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698 (STANDARD PROCTOR).

6. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE LSSRB FOR TYPE B CONCRETE AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI FOR 28 DAYS. CONCRETE FOR SIDEWALKS SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR 28 DAYS.

7. CONCRETE PAVEMENT FOR PARKING AND DRIVES SHALL HAVE A MEDIUM-TO-FINE-TEXTURED BROOM TYPE FINISH. CONCRETE SIDEWALKS SHALL HAVE A LIGHT BROOM-TEXTURED FINISH.

8. JOINT LAYOUT SHOWN ON DRAWINGS IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONCRETE PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION OR AS SHOWN ON THE PLANS.

9. PAVEMENT SHALL NOT BE OPENED TO TRAFFIC AFTER PLACEMENT UNTIL DESIGN STRENGTH IS MET WITHOUT THE APPROVAL OF THE ENGINEER.

10. ALL DRAINAGE AND SEWER STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE BOXED OUT WITH EXPANSION JOINTS.

11. NO CONCRETE SHALL BE POURED WITHOUT THE SERVICES OF THE TESTING LAB TECHNICIAN TO WITNESS THE POUR, MAKE SLUMP TESTS AND MAKE TEST CYLINDERS.

12. IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENTED CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION).

13. JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 1005.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION). THE SEALANT AND BACKER MATERIALS SHALL BE APPROVED PRODUCTS LISTED IN DOTD'S QUALIFIED PRODUCT LIST 67.

14. JOINTS ENDING AT CURVES SHALL BE CARRIED ONTO THE CURB AND PAVEMENT AT RIGHT ANGLES TO THE TANGENT AT THAT POINT.

15. AN APPROVED TESTING LABORATORY, SELECTED BY THE OWNER, SHALL BE RETAINED BY THE CONTRACTOR AND SHALL PROVIDE ALL REQUIRED TESTING. TEST REPORTS MUST BE FURNISHED TO THE ENGINEER AND CONTRACTOR.

16. CONTRACTOR SHALL PROVIDE MEANS FOR TEMPORARY DRAINAGE DURING CONSTRUCTION.

17. CONTRACTOR SHALL INSTALL CONCRETE SIDEWALK AT GRADES SHOWN AND SHALL COMPLY WITH ALL APPLICABLE ADA STANDARDS.

18. CONTRACTOR SHALL ADJUST GRADE BREAK LOCATIONS OF SIDEWALKS TO COINCIDE WITH NECESSARY JOINT SPACING AS LONG AS ADA REQUIREMENTS ARE MET.

19. CONTRACTOR SHALL BACKFILL AND GRADE BEHIND CONCRETE SIDEWALKS TO ALLOW FOR POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

SEWER AND WATER NOTES

1. GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE GASKET JOINT CONFORMING TO ASTM D3034 SDR 35. RUBBER GASKETS SHALL BE ASTM D1869.

2. WATERLINES 3 INCH DIA. AND SMALLER SHALL BE PVC CLASS 200 MEETING ASTM D2241 SPECIFICATION WITH BELL AND SPIGOT RUBBER GASKET JOINTS. FITTINGS SHALL BE PVC COMPATIBLE WITH PIPE.

3. PVC WATERLINES >3" SHALL BE POLYVINYL CHLORIDE GASKET JOINT CLASS 200 (SDR 26) TYPE 1, GRADE 1, ASTM D2241, WITH "FLUID TIGHT" COUPLINGS CONFORMING TO ASTM D1784. RUBBER GASKETS SHALL BE ASTM D1869. PE WATERLINES SHALL BE IN ACCORDANCE WITH AWWA, C906, DR11.

4. CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL FITTINGS, BENDS, TEES, AND DEAD ENDS ON ALL WATERLINES.

5. CONTRACTOR SHALL USE TRANSITIONAL COUPLING FOR PE TO PVC CONNECTIONS.

6. PARALLEL WATERLINES AND SEWERS (INCLUDING GRAVITY AND FORCE MAINS) SHALL BE LAID IN SEPARATE TRENCHES NOT LESS THAN 10 FEET APART HORIZONTALLY. CROSSING WATER AND SEWER LINES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES. THE WATER LINE SHALL BE LAID HIGHER IN ELEVATION THAN THE SEWER LINE.

7. CONTRACTOR SHALL INSTALL RESTRAINED JOINT PIPE (20' MIN.) ON EACH SIDE OF ALL FITTINGS FOR WATERLINE.

8. BURIED VALVES, INCLUDING 2 INCH VALVES, SHALL HAVE A THREE PIECE CAST IRON VALVE BOX INSTALLED AND ADJUSTED TO FINISHED GRADE. BURIED VALVES SHALL HAVE AN AWWA OPERATING NUT AND A BOX COVER LABELED "WATER". EACH VALVE BOX SHALL HAVE A 24 INCH SQUARE OR 24 INCH ROUND BY 4 INCH THICK CONCRETE PAD, EITHER CAST IN PLACE OR PREFABRICATED AND ADJUSTED TO FINISHED GRADE.

9. WATER LINES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-601 AND APPROVED BY THE LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS BEFORE BEING PLACED INTO SERVICE.

10. BRASS FITTINGS SHALL BE MUELLER.

11. BLUE IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED SERVICE WATERLINES PROVIDING POTABLE WATER. RED IDENTIFICATION TAPE AND TRACER WIRE SHALL BE USED ON ALL BURIED FIRE PROTECTION WATERLINE. IN ADDITION, ALL FIRE PROTECTION WATERLINE ABOVE GROUND SHALL BE PAINTED RED TO DISTINGUISH IT FROM POTABLE WATERLINE.

12. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ALL TIE-INS OF SERVICE LINES, METERS, ETC.

13. VERIFY EXACT LOCATIONS AND DETAILS OF FIRE DEPARTMENT CONNECTIONS WITH MECHANICAL DRAWINGS.

14. CONTRACTOR SHALL COORDINATE ALL UTILITY TIE-INS WITH NEW ORLEANS SEWER AND WATER BOARD.

REQUIRED TESTING SERVICES

THE FOLLOWING TESTING SERVICES SHALL BE PERFORMED BY AN INDEPENDENT TESTING COMPANY AS APPROVED BY THE ENGINEER/OWNER TO ENSURE CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. ALL FEES ASSOCIATED WITH REQUIRED TESTING SHALL BE PAID FOR DIRECTLY BY THE CONTRACTOR.

1. BASE COURSE/STRUCTURAL FILL:

    A. PICK-UP OF SAMPLES OF PROPOSED BASE COURSE MATERIALS, INCLUDING BEDDING AND BACKFILL MATERIAL FOR DRAINAGE PIPE AND STRUCTURES.
    B. IN-LAB GRADATION AND PROCTOR TESTING OF SAMPLES FOR CONFORMANCE WITH SPECIFICATIONS.
    C. IN-FIELD NUCLEAR DENSITY TESTING OF FILL (MIN. 4 TESTS PER 200 SQ. YDS. PER LIFT OF SECTION TO BE POURED).
    D. IN-FIELD NUCLEAR DENSITY TESTING OF DRAINAGE PIPE/STRUCTURE BEDDING AND BACKFILL (MIN. 1 TEST PER 250 LINEAR FEET PER LIFT OF EACH MATERIAL).

2. CONCRETE PAVEMENT:

    A. REVIEW OF ALL CONCRETE MIX DESIGNS PROPOSED FOR USE ON PROJECT.
    B. OBTAINING AND TESTING ONE (1) SET OF CYLINDERS (4 PER SET) FOR EACH 50 CU. YDS. OR PORTION THEREOF PER DAY. ONE (1) CYLINDER SHALL BE BROKEN AT SEVEN (7) DAYS AND THE OTHER TWO (2) SHALL BE BROKEN AT TWENTY-EIGHT (28) DAYS. ONE (1) CYLINDER SHALL BE KEPT IN RESERVE.

3. ANY OTHER TESTS SPECIFIED ON DRAWINGS OR SPECIFICATIONS AND AS DIRECTED BY ENGINEER TO ENSURE CONFORMANCE WITH PLANS AND SPECIFICATIONS.

BID DOCUMENTS

YWCA Facility

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601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
08.05.19

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(RE-ISSUE 7/12/2023)

Title

Civil Construction Notes

Sheet

C-0.0

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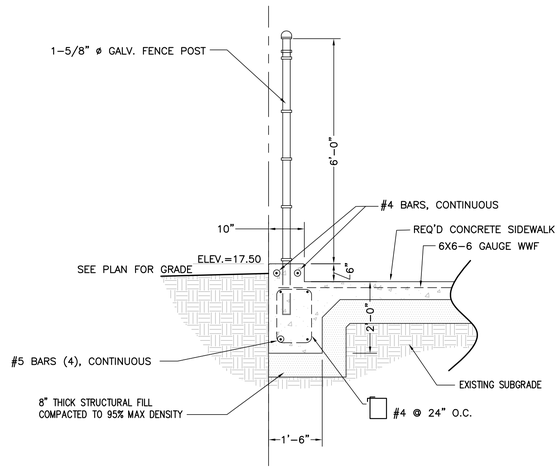
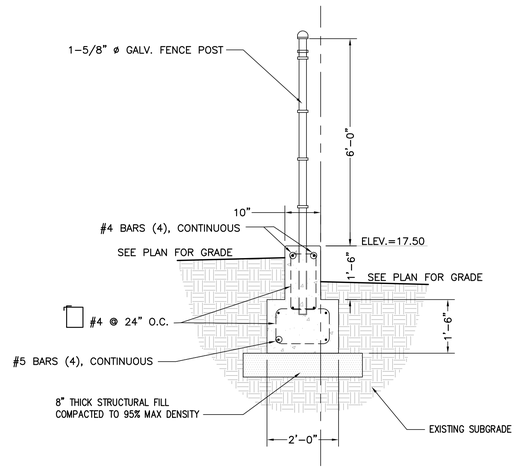


A C-1.0 FENCE BASE SECTION

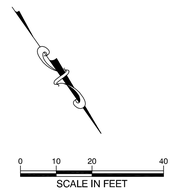
SCALE: N.T.S.



B C-1.0 FENCE BASE SECTION

SCALE: N.T.S.

SEE 10/A1.02B FOR PLAYGROUND FENCE DETAILS



LEGEND:

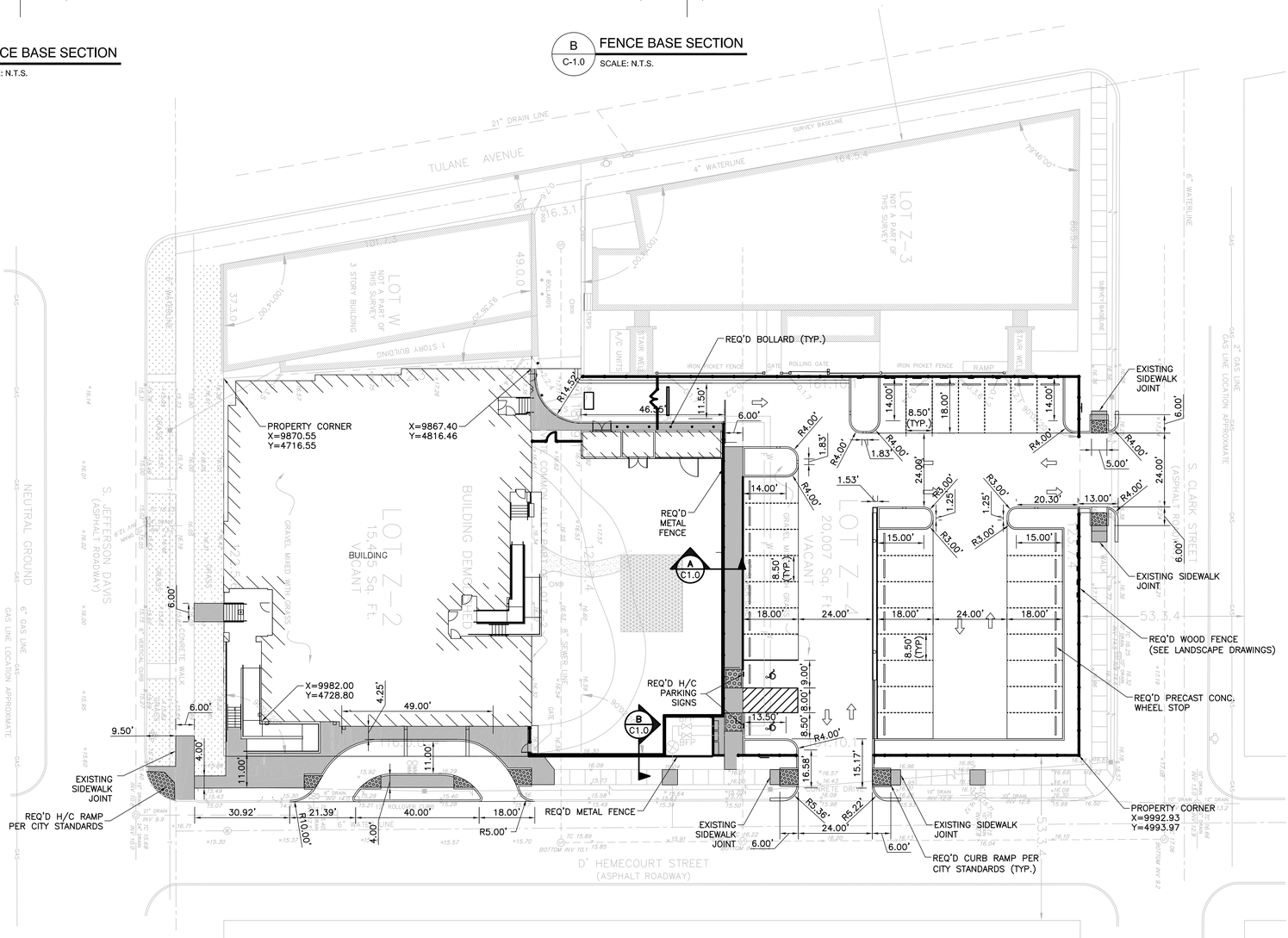
PROPERTY LINE

6" BARRIER CURB

TURN–DOWN FOOTING (SIDEWALK)

NOTE:

ALL DISTANCES SHOWN HEREON ARE MEASURED FROM THE FACE OF CURB OR EDGE OF PAVEMENT (WHERE NO CURB).



1 C1.0 Geometric Plan

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Geometric Plan

Sheet

C-1.0

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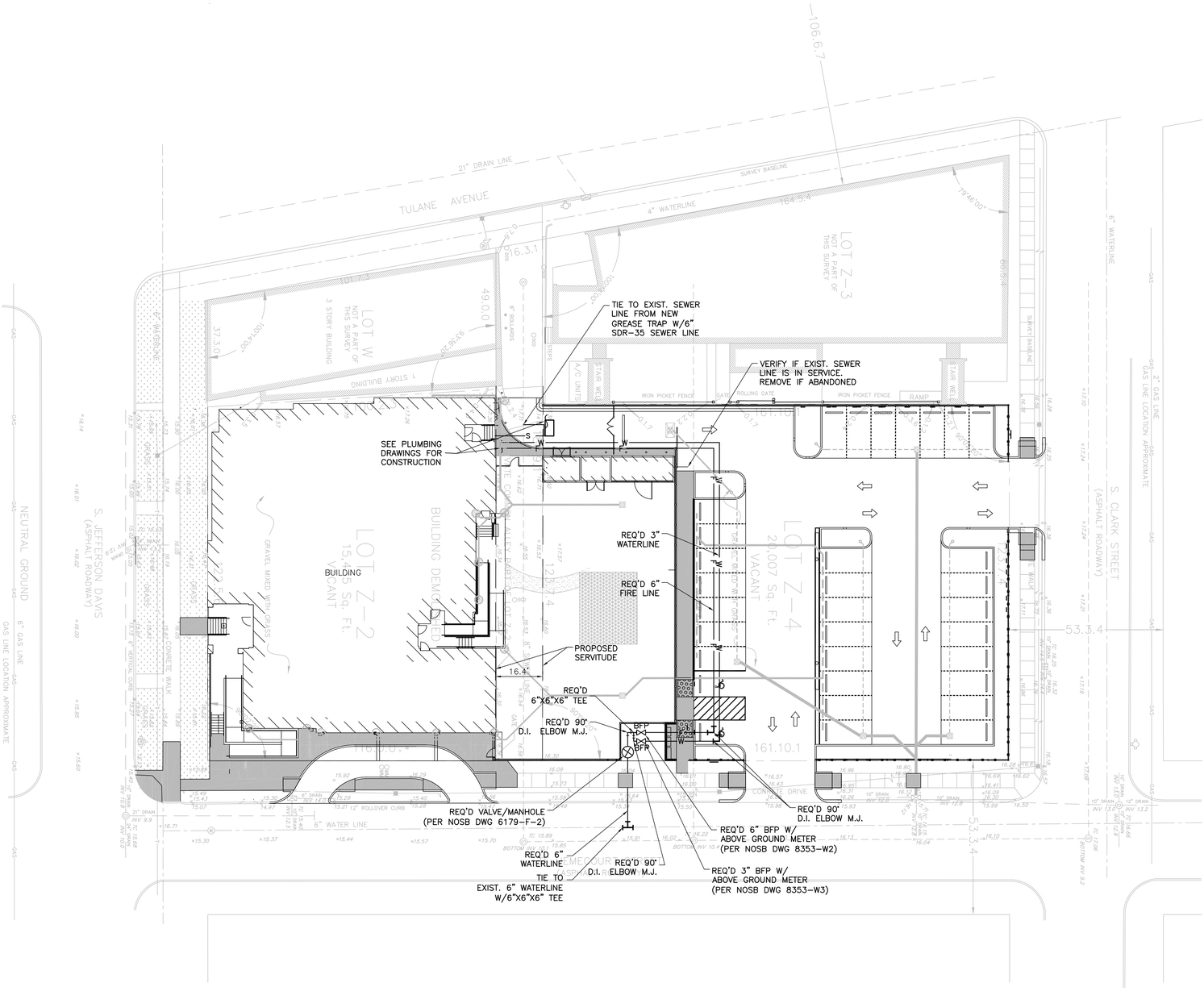

1 Utility Plan
C-4.0

LEGEND:

- PROPERTY LINE
- W — REQ'D WATER LINE
- S — REQ'D SEWER LINE
- EXIST. UTILITY LINE
- (S) SEWER MANHOLE
- BFP REQ'D BACKFLOW PREVENTER
- (M) REQ'D WATER METER

NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS.
2. CONTRACTOR TO ARRANGE FOR AND PAY ALL REQUIRED FEES FOR UTILITY SERVICE CONNECTIONS.
3. CONTRACTOR SHALL DEFLECT PROPOSED WATERLINE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS OR OFFSET WATERLINE WHERE IN CONFLICT WITH PROPOSED DRAIN LINE/SEWER.
4. DRAINAGE SHOWN FOR GENERAL COORDINATION. SEE SHEET L2.00 FOR SPECIFIC INFORMATION.
5. CONTRACTOR SHALL COORDINATE WITH MECH. / ELEC. DRAWINGS AND ADJUST UTILITIES AS NECESSARY.
6. ALL BACKFLOW PREVENTERS SHALL BE PROPERLY INSULATED TO PROTECT AGAINST FREEZING.
7. REFER TO SHEETS C-6.0 AND C-7.0 FOR SEWER AND WATER DETAILS.

SEWERAGE & WATER BOARD NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH S&WB GENERAL SPECIFICATIONS, S&WB STANDARD DRAWINGS, AND S&WB DRAWING NO. 7260-W AND 7260-S.
2. CONTRACTOR SHALL CONTACT HADI AMINI (865-0445) OF THE S&WB CONSTRUCTION ADMINISTRATION AND INSPECTION DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION.
3. CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB CONSTRUCTION ADMINISTRATION DEPARTMENT BEFORE BEGINNING CONSTRUCTION.
   A. PROOF OF LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTORS LICENSE.
   B. DEPARTMENT OF PUBLIC WORKS STREET CUT PERMIT.
   C. PROOF OF INSURANCE INDEMNIFYING THE S&WB OF NEW ORLEANS IN THE AMOUNT OF AT LEAST $5,000,000.00
4. ANY WORK OUTSIDE OF THE PUBLIC RIGHT OF WAY MUST BE REVIEWED AND APPROVED BY THE SEWERAGE AND WATER BOARD OF NEW ORLEANS PLUMBING DEPARTMENT IN ADVANCE OF CONSTRUCTION. A LICENSED MASTER PLUMBER MUST CONTACT THE PLUMBING DEPARTMENT AT 585-2160 TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF THE S&WB ENGINEERING DOES NOT RELIEVE THE PLUMBER OF THIS OBLIGATION.
5. THE METER SHALL BE INSTALLED AS RECEIVED FROM THE S&WB METER DEPARTMENT AND MAY NOT BE MODIFIED IN ANY MANNER. ANY MODIFICATIONS WILL VOID THE UL WARRANTY AND, AS SUCH, MAY SUBJECT THE OWNER TO FINANCIAL PENALTY AND LOSS OF SERVICE.
6. ALL BRONZE/BRASS FITTINGS, CONNECTORS CORPORATION STOPS AND APPURTENANCES USED IN CONJUNCTION WITH PE TUBING SHALL BE DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE BRONZE/BRASS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM, AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.
7. WATER METERS MAY OR MAY NOT BE IMMEDIATELY AVAILABLE THEREFORE CONTRACTORS SHALL PAY ALL REQUIRED S&WB FEES REQUIRED TO OBTAIN A WATER METER AT LEAST 6 MONTHS PRIOR TO THE DATE THE WATER METER IS REQUIRED TO BE INSTALLED. CONTRACTOR SHALL INDICATE ON HIS/HER PROJECT SCHEDULE A MILESTONE FOR ORDERING THE METER AND SHOULD BE UPDATED AS REQUIRED TO TRACK THE DELIVERY AND INSTALLATION OF THE METER.

BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN•PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
08.05.19
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	NBZ
Checked By	JEP

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Utility Plan

Sheet
C-2.0

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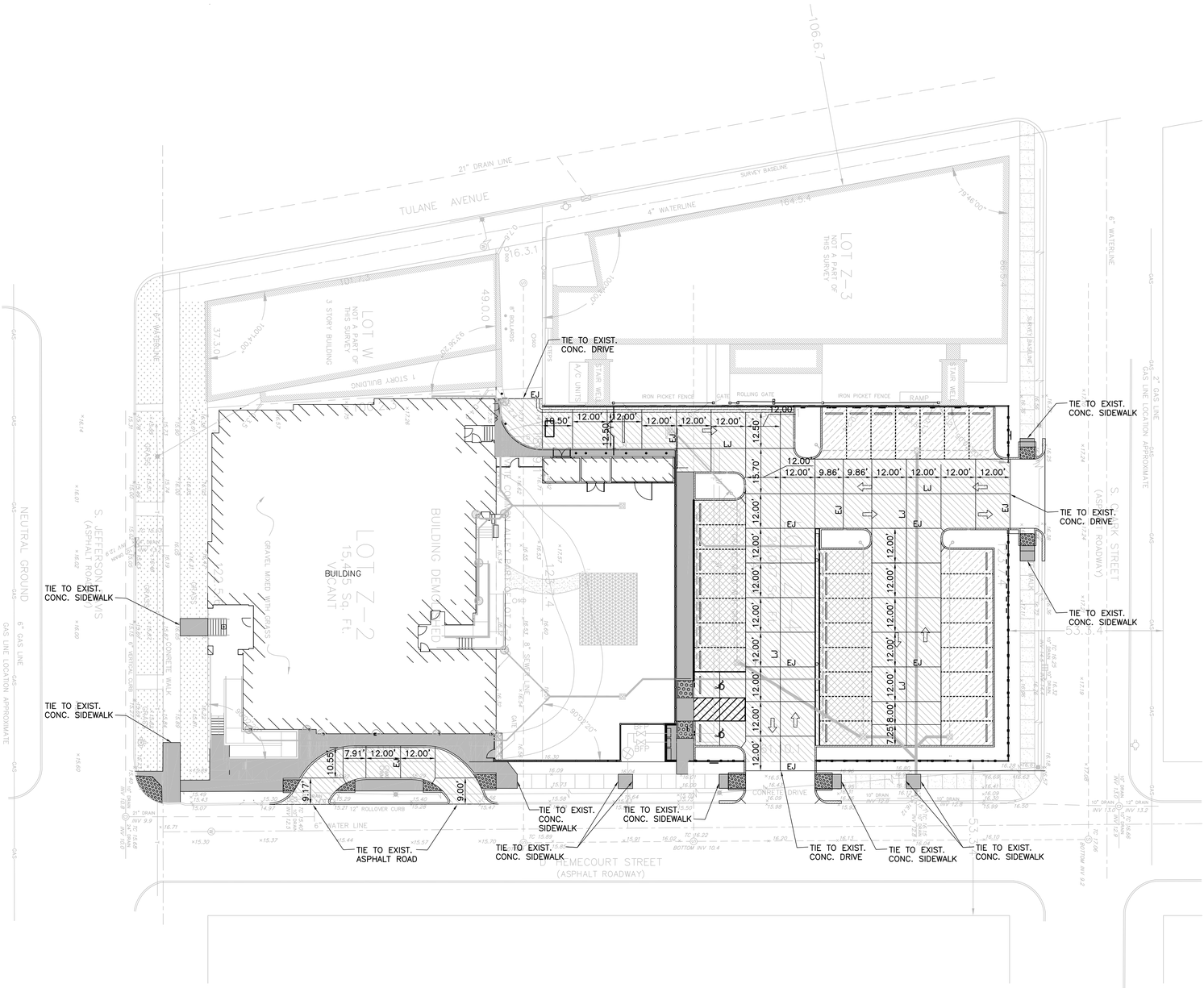

1 Paving Plan
C-5.0

0 20' 40'

LEGEND:

- PROPERTY LINE
- 6" BARRIER CURB
- TURN-DOWN FOOTING (SIDEWALK)
- CONSTRUCTION JOINT
- EJ EXPANSION JOINT
- LJ LONGITUDINAL JOINT
- 7" CONCRETE PAVEMENT (W/6x6-6 GAGE W.W.F.)
- BMP-PERMEABLE PAVERS, PROFILE, TYPE A, SEE IA/L2.01
- BMP-PERMEABLE PAVERS, PROFILE, TYPE B, SEE IB/L2.01
- 4" CONCRETE SIDEWALK (W/6x6-6 GAGE W.W.F.)

NOTES:

1. DISTANCES SHOWN HEREON ARE MEASURED FROM THE BACK EDGE OF PAVEMENT.
2. PAVEMENT JOINT LAYOUT SHOWN IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN OR AS DIRECTED BY ENGINEER. PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION EXCEPT WHERE UNAVOIDABLE AS SHOWN.
3. REFER TO SHT. C-5.0 AND C-5.1 FOR PAVING DETAILS.

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Title
Paving Plan

Sheet
C-3.0

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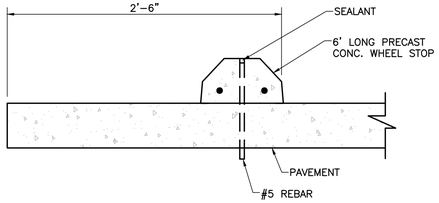
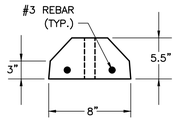
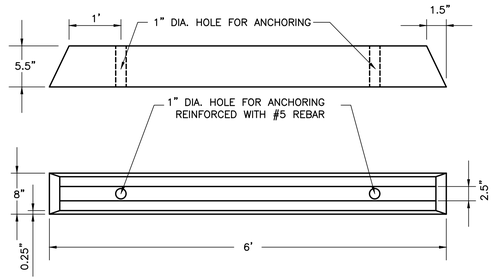




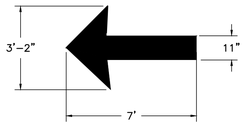


PRECAST CONCRETE WHEEL STOP

N.T.S.

NOTES:

1. WHEEL STOPS ARE TO BE DELIVERED AND INSTALLED FREE OF VISIBLE CRACKS AND BLEMISHES.
2. CONCRETE WHEEL STOPS SHALL BE 4,200 P.S.I CONCRETE AT 28 DAYS (MIN.) FIBER REINFORCED, INSTALLED WITH 2 EA. 5/8"x16" PINS, 1/2" BELOW TOP OF WHEEL STOP.

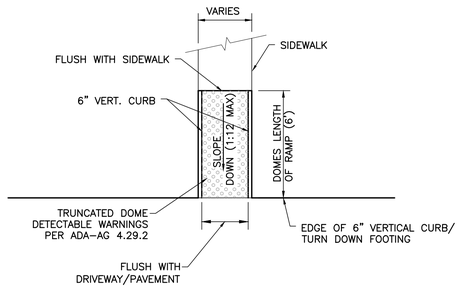


THRU LANE ARROW (YELLOW)

N.T.S.

NOTE:

ALL SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION), AS WELL AS THE MANUAL ON UNIFORM TRAFFICE CONTROL DEVICES (LATEST EDITION).



TYPICAL HANDICAP RAMP DETAILS

N.T.S.

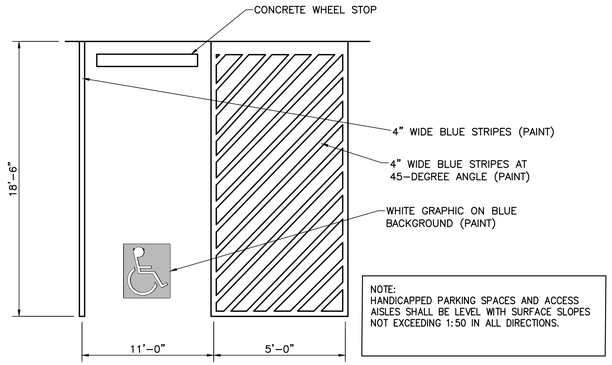
DETECTABLE WARNING SURFACES:

1. PROVIDE IN PEDESTRIAN CIRCULATION AREAS WHERE INDICATED ON DRAWINGS.
2. COMPLY WITH STATE FIRE MARSHAL'S CURRENT GUIDELINES, AND MEET SPECIFIC REQUIREMENTS OF ADAAG FOR DETECTABLE WARNING.
3. SPECIALLY DESIGNED FORMS SHALL BE USED TO CAST INTO AREAS OF COLORED CONCRETE THE FOLLOWING:

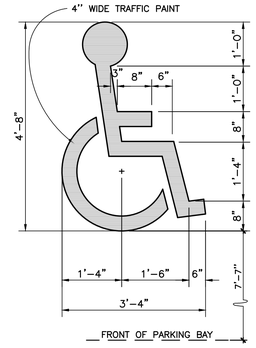
A. THE ONLY ACCEPTABLE FORM OF DETECTABLE WARNING IS THE "RAISED TRUNCATED DOME". THE DOMES SHALL BE 0.9" NOM. DIAMETER, 0.2" NOM. HEIGHT, AND CENTERED 2.35" APART.

B. THE AREA HAVING A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE THE CONTRASTING COLOR SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.

4. SCORED LINES, SCORED CROSS-HATCHES, AND OTHER SURFACE TREATMENTS ARE NOT ACCEPTABLE DETECTABLE WARNINGS.
5. PRE-MANUFACTURED PRODUCTS TO PROVIDE THE DETECTABLE WARNING MAY ONLY BE USED UPON PRIOR APPROVAL BY THE ENGINEER/ARCHITECT. PRODUCT AND INSTALLATION METHODS MUST BE ADAAG REVIEWED AND APPROVED.

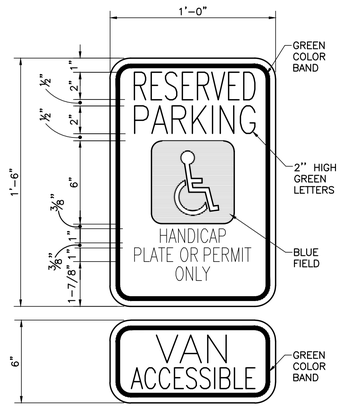


NOTE:
HANDICAPPED PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS.



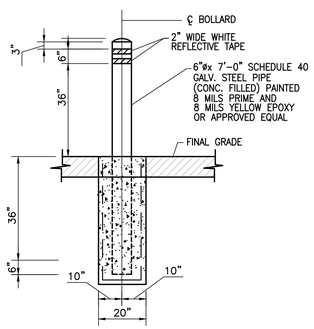
TYPICAL HANDICAP STRIPING DETAIL

N.T.S.



NOTES:

1. THE BOTTOM OF THE SIGN SHOULD BE NO LESS THAN 72 INCHES ABOVE FINISH GRADE.
2. SIGNS SHALL BE PROPERLY CENTERED WITHIN THE PARKING SPACE.
3. THE SIGN FACE SHOULD BE LOCATED NO FARTHER THAN 6 FEET FROM THE FRONT OF EACH PARKING SPACE.
4. ALL LETTERING SERIES 'C', GREEN COLOR.
5. INTERNATIONAL SYMBOL OF ACCESSIBILITY SHOWN WHITE ON 6"x6" BLUE FIELD WITH 1/2 RADIUS CORNERS.
6. THE VAN ACCESSIBLE SIGN SHALL BE CENTERED UNDER THE ACCESSIBLE PARKING SIGN AS SHOWN (IF APPLICABLE).
7. THE SIGN SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.
8. A "RESERVED PARKING" SIGN SHALL BE REQUIRED BEHIND THE SIDEWALK AT EACH HANDICAP ACCESSIBLE PARKING SPOT.
9. ALL HANDICAP SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.

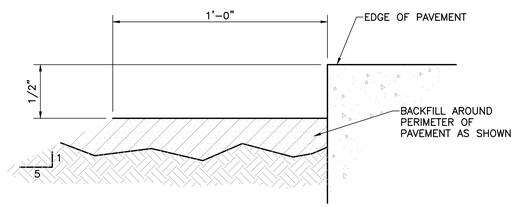


TYPICAL BOLLARD DETAIL

N.T.S.

TYPICAL HANDICAP SIGNAGE DETAIL

N.T.S.



NOTE:

TYPICAL DETAIL TO BE USED WHERE NO GRADES ARE INDICATED ADJACENT TO PAVEMENT.

TYPICAL DETAIL - BACKFILL AROUND PAVEMENT

N.T.S.

BID DOCUMENTS

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Title

Parking Details

Sheet

C-4.0

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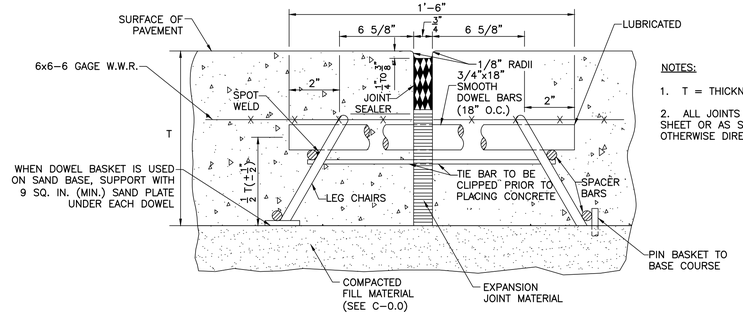
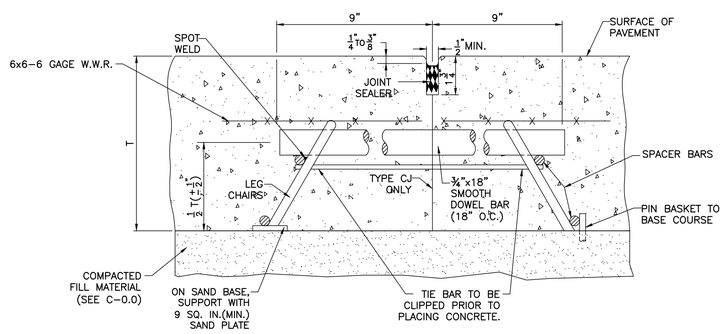


CONCRETE PAVEMENT TRANSVERSE EXPANSION JOINT

N.T.S.

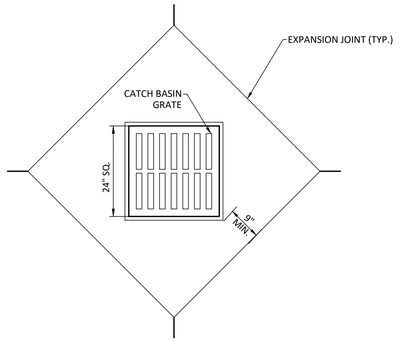
NOTES:

1. T = THICKNESS OF PAVEMENT (SEE PAVING PLAN)
2. ALL JOINTS TO BE USED WHERE SHOWN ON THIS SHEET OR AS SHOWN ELSEWHERE IN THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.



CONCRETE PAVEMENT TRANSVERSE DUMMY JOINT OR CONSTRUCTION JOINT

N.T.S.

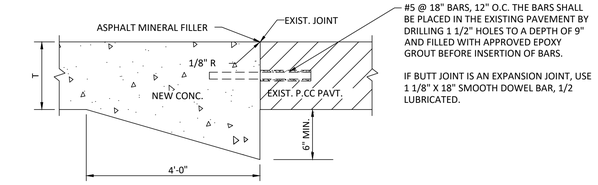


BLOCK-OUT DETAIL

N.T.S.

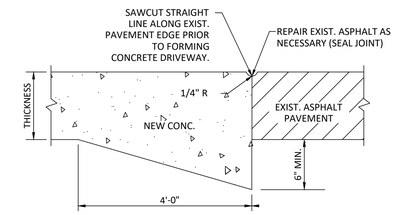
NOTE:

BLOCK-OUT DETAIL APPLIES TO ALL STRUCTURES LOCATED WITHIN PAVEMENT, INCLUDING CATCH BASINS, DRAINAGE MANHOLES, SEWER MANHOLES, ETC.



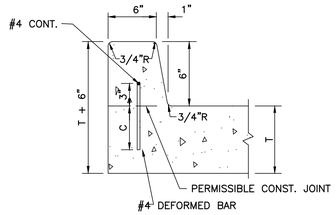
EXISTING PAVEMENT TIE-IN (CONCRETE)

N.T.S.



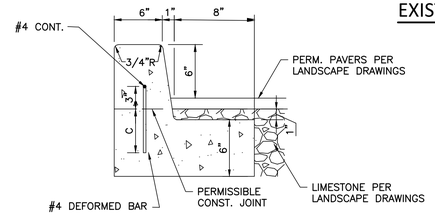
EXISTING PAVEMENT TIE-IN (ASPHALT)

N.T.S.



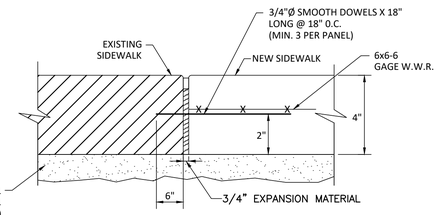
BARRIER CURB DETAIL

N.T.S.



BARRIER CURB @ PERMEABLE PAVERS DETAIL

N.T.S.



TYPICAL SIDEWALK TIE-IN DETAIL

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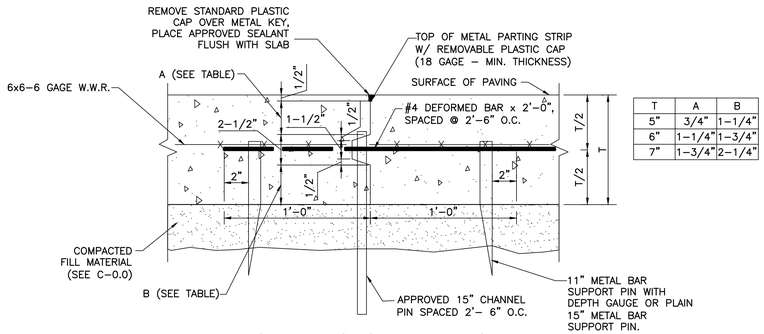
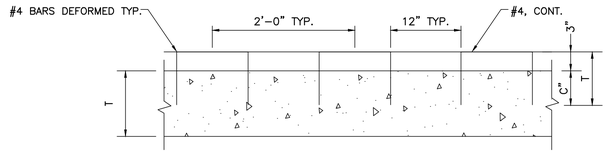


T	A	B
5"	3/4"	1-1/4"
6"	1-1/4"	1-3/4"
7"	1-3/4"	2-1/4"

DEFORMED LONGITUDINAL JOINT

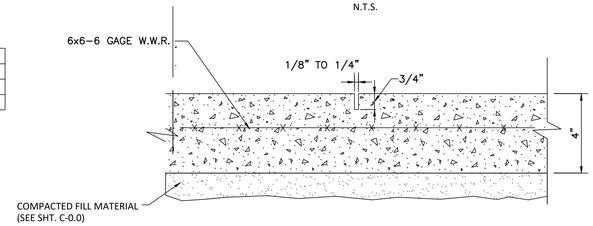
N.T.S.



T	C
5"	2"
6"	3"
7"	4"

CONCRETE CURB STEEL BARS DETAIL

N.T.S.



SIDEWALK SAWED CONTROL JOINT (5' O.C.)

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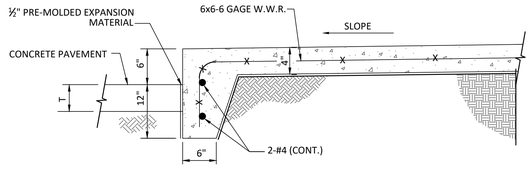
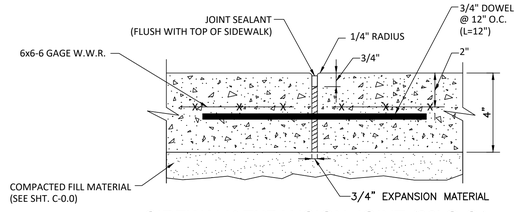


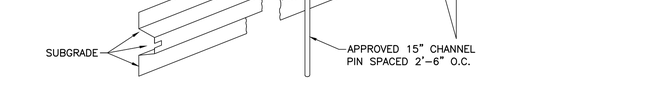
SIDEWALK SECTION-TURNDOWN FOOTING

N.T.S.



SIDEWALK EXPANSION JOINT (20' O.C.)

N.T.S.



OBLIQUE VIEW METAL PARTING STRIP FOR LONGITUDINAL JOINT

N.T.S.

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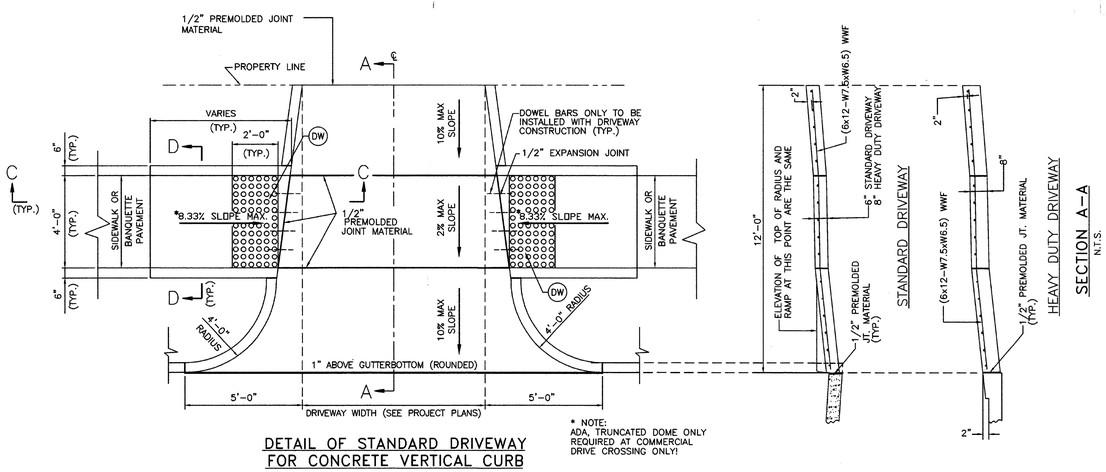
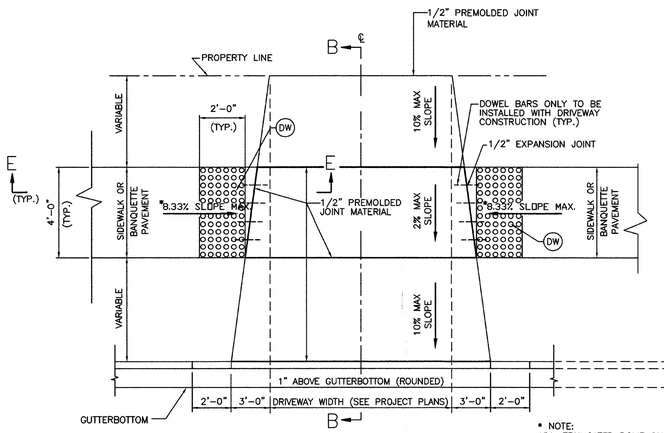


DETAIL OF STANDARD DRIVEWAY
FOR CONCRETE VERTICAL CURB

N.T.S.

* NOTE:
ADA, TRUNCATED DOME ONLY REQUIRED AT COMMERCIAL DRIVE CROSSING ONLY!

SECTION A–A
N.T.S.



DETAIL OF STANDARD DRIVEWAY
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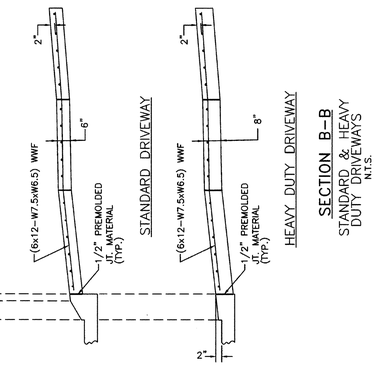
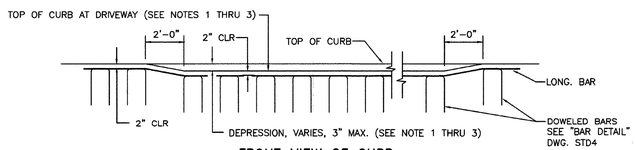


SECTION B–B
STANDARD & HEAVY DUTY DRIVEWAYS
N.T.S.



FRONT VIEW OF CURB

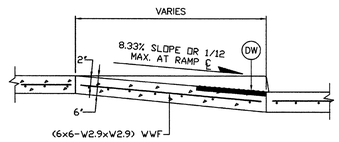
DETAIL OF STANDARD & HEAVY DUTY
DRIVEWAYS FOR MOUNTABLE CONCRETE CURB

N.T.S.

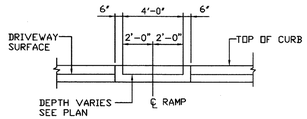
NOTES (*):

(1) FOR STANDARD DRIVEWAYS: DEPRESS ONLY WHEN DIRECTED BY THE FIELD ENGINEER.
(2) FOR HEAVY DUTY DRIVEWAYS: DEPRESS 3" AS SHOWN.
(3) MAXIMUM DRIVEWAY SLOPE IS 10%. ANYTHING EXCEEDING 10% SHOULD BE APPROVED BY THE DEPARTMENT.
(4) ALL HANDICAPPED RAMPS SHALL INCLUDE DETECTABLE WARNINGS AND BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF NEW ORLEANS STANDARD PLAN AND THE LATEST ADA REQUIREMENTS.
(5) DETECTABLE WARNINGS, i.e. RAISED TRUNCATED DOMES SHALL BE USED BETWEEN PEDESTRIAN CIRCULATION AREAS AND VEHICULAR CIRCULATION OR PARKING AREAS FOR COMMERCIAL DRIVEWAYS ONLY.
(6) RAISED TRUNCATED DOMES SHALL BE 0.9 INCHES IN NOMINAL DIAMETER, 0.2 INCHES IN NOMINAL HEIGHT, AND CENTERED 2.35 INCHES APART. THE AREA REQUIRED TO HAVE A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. (ADAAG, 1994 ED.)
(7) RAISED TRUNCATED DOMES SHALL BE 24" x 48" (MIN.) SYSTEMS. THE TILE TYPE, SIZE, SHAPE, INSTALLATION METHODS, ETC., MUST BE APPROVED BY THE D.P.W. BEFORE THE CONTRACTOR ORDERS HIS MATERIALS.

(DW) DETECTABLE WARNINGS (YELLOW) (ADA) TRUNCATED DOME TILE (TYP.) AS PER APPROVAL OF D.P.W. SEE NOTES (4) THRU (7).



SECTION C–C
(TYPE "B" RAMP)
N.T.S.



SECTION D–D
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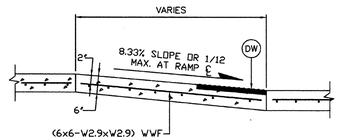

SECTION E–E
N.T.S.

THE SELECTION AND USE OF THESE DETAILS, WHILE DESIGNED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRINCIPLES AND PRACTICES, IS THE SOLE RESPONSIBILITY OF THE USER AND SHOULD NOT BE USED WITHOUT CONSULTING A LOUISIANA REGISTERED PROFESSIONAL ENGINEER.

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

STANDARD DRIVEWAYS
FOR
STREET CONSTRUCTION

DRAWN BY:	REVIEWED BY:		RECOMMENDED BY:
R. FERGUSON	M.T.	B.V. R.S. R.H. A.Y.	NGUYEN D. PHAN, CHIEF ENGINEER
DATE: 12-16-2009	SCALE AS NOTED	APPROVED	ROBERT C. MENDOZA, DIRECTOR

DRAWING No.
STD8

BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
08-05-21
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	NBZ
Checked By	JEP

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Driveway Details

Sheet
C-5.1

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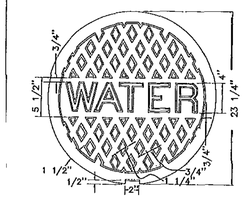
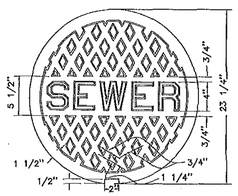
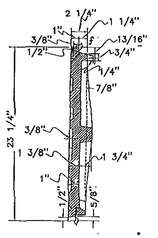


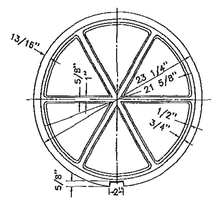
TOP VIEW OF WATER MANHOLE COVER



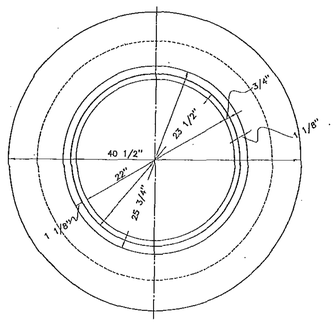
TOP VIEW OF SEWER MANHOLE COVER



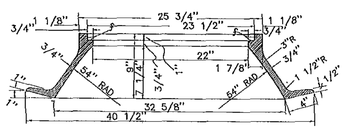
CROSS SECTION OF MANHOLE COVER
(SEWER & WATER)



BOTTOM VIEW OF MANHOLE COVER
(SEWER & WATER)



PLAN OF FLARING FRAME MANHOLE



CROSS SECTION OF FLARING MANHOLE FRAME
(SEWER & WATER)

NOTE:

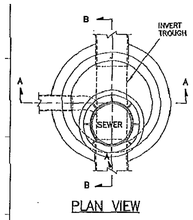
1. f = MACHINED SURFACE
2. FRAME & COVER SHALL CONFORM TO EAST JORDAN IRON WORKS, V-1501 FRAME AND COVER.

NO	DATE	DESCRIPTION	BY
1	03-08-01	GENERAL REVISIONS	DJD
2	5-12-04	R.V.R. &/OR LEGS	BJT
NO	DATE	DESCRIPTION	BY

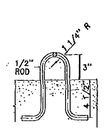
SEWERAGE AND WATER BOARD OF NEW ORLEANS

DETAILS OF SEWER AND WATER MANHOLE CASTINGS

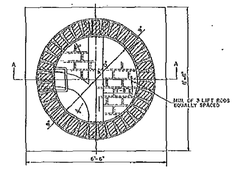
DR. R.P.G./D.D.D./B.J.T.
DES.
CK'D. V.V.N./V.V.M.D.
APP'D. [illegible]
DATE 8-12-04 DWG. NO. 8178-SD



PLAN VIEW



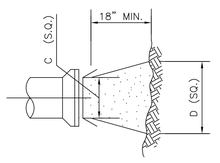
LIFTING EYE DETAIL


3/4"
6"
SIDE OF TROUGH
6"
SIDE OF TROUGH
6"
SIDE OF TROUGH
SIDE OF TROUGH
6"
SIDE OF TROUGH
SIDE OF TROUGH
SIDE OF TROUGH

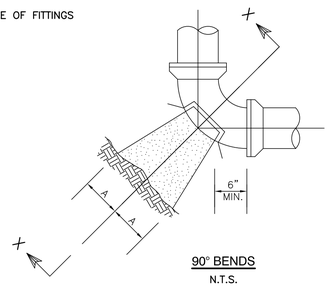
NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. USE ON ALL FITTINGS. ALL FITTINGS TO BE DUCTILE IRON MJ RESTRAINED JOINT.
3. ALL CONCRETE AND PIPE SHALL BE SEPARATED BY A NON-CONDUCTIVE MATERIAL (TYPICALLY 1/8" EPDM RUBBER).
4. ALL CONCRETE THRUST BLOCKS SHALL BE 4000 PSI @ 28 DAYS. TIMBER THRUST BLOCKS SHALL NOT BE USED UNLESS PERMISSION GRANTED BY UTILITY COMPANY.
5. PIPE SHALL BE RESTRAINED JOINT ON EACH SIDE OF FITTINGS (20' MIN.).

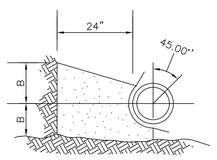
SOIL	SIZE	90° BEND		TEE		PLUG	
		A	B	A	B	C	D
4000 psf	≤ 6"	10	10	8	8	10	15
	≥ 8"	15	12	9	12	12	20
2000 psf	≤ 6"	18	10	10	12	10	21
	≥ 8"	25	13	16	12	20	29



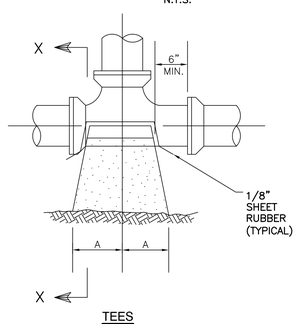
PLUGS
N.T.S.



90° BENDS
N.T.S.



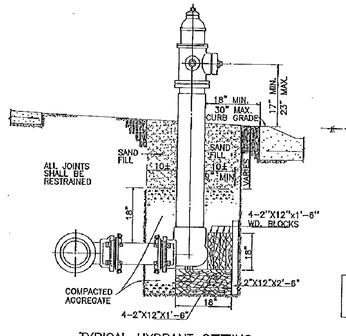
SECTION X-X
N.T.S.



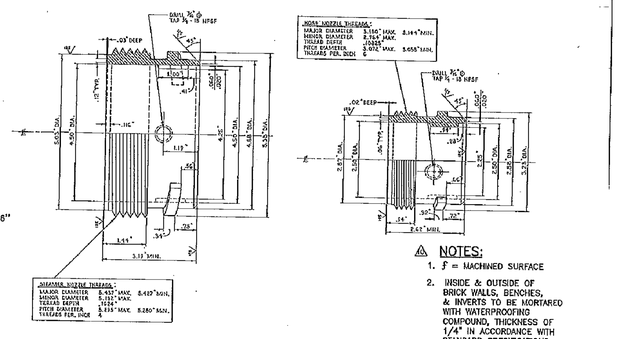
TEES
N.T.S.

THRUST BLOCK DETAILS

N.T.S.

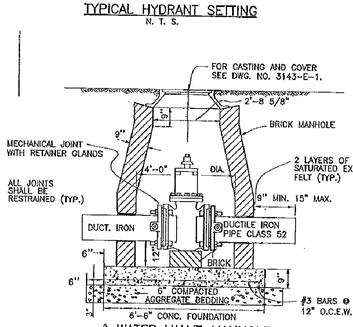


TYPICAL HYDRANT SETTING
N. T. S.

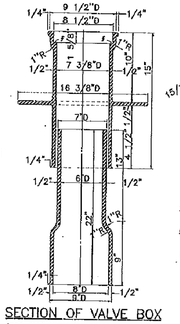


NOTES:

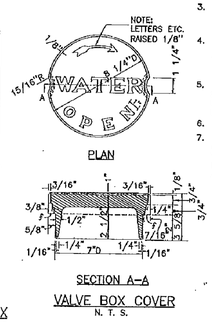
1. f' = MACHINED SURFACE
2. INSIDE & OUTSIDE OF BRICK WALLS, BENCHES, & INVERTS TO BE MORTARED WITH WATERPROOFING COMPOUND, THICKNESS OF 1/4" IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
3. CONCRETE TO HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS.
4. VALVES 4" TO 12" SHALL BE S&WB R.D. WOOD GATE VALVES. VALVES 16" AND LARGER SHALL BE AMERICAN R/D GATE VALVES.
5. HYDRANTS SHALL BE 5" BREAKAWAY FIRE HYDRANT BRONZE TRIM (SEE S&WB DWG. NO. 11825-W-62) OR AMERICAN DARLING FIRE HYDRANT B-62-B.
6. ALL JOINTS SHALL BE RESTRAINED.
7. VALVE BOX FRAME & COVER SHALL CONFORM TO EAST JORDAN IRON WORKS, INC. V-8451 VALVE BOX FRAME AND COVER OR APPROVED EQUAL.



⚠ WATER VALVE MANHOLE
(FOR SIZES 4" THRU 12")
N. T. S.



SECTION OF VALVE BOX
(FOR USE WITH METER VAULTS ONLY)
N. T. S.



PLAN

SECTION A-A
VALVE BOX COVER
N. T. S.

NO.	DATE	DESCRIPTION	BY
4	03-09-00	NOTES TO WATER VALVE MANHOLE DETAIL, WATER TABLE & VERT. SCALE	D.J.C.
3	03-08-00	DRAWING LEGEND	D.J.C.
2	02-08-00	DETAIL REVISED AND NOTES ADDED	D.J.C.
1	4-27-73	PIPE TO HYDRANT	T.F.C.
NO.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

HYDRANT SETTING, DETAILS OF VALVE BOX AND COVER, AND VALVE MANHOLE

DR. DRAFTING ROOM SUPV.	
DES. DESIGNED BY	
TR. TRACED BY	
CK. CHECKED BY	DWG. NO. 6179-F-2
DATE 1-27-14	SHT. NO. 1 SHEET(S)

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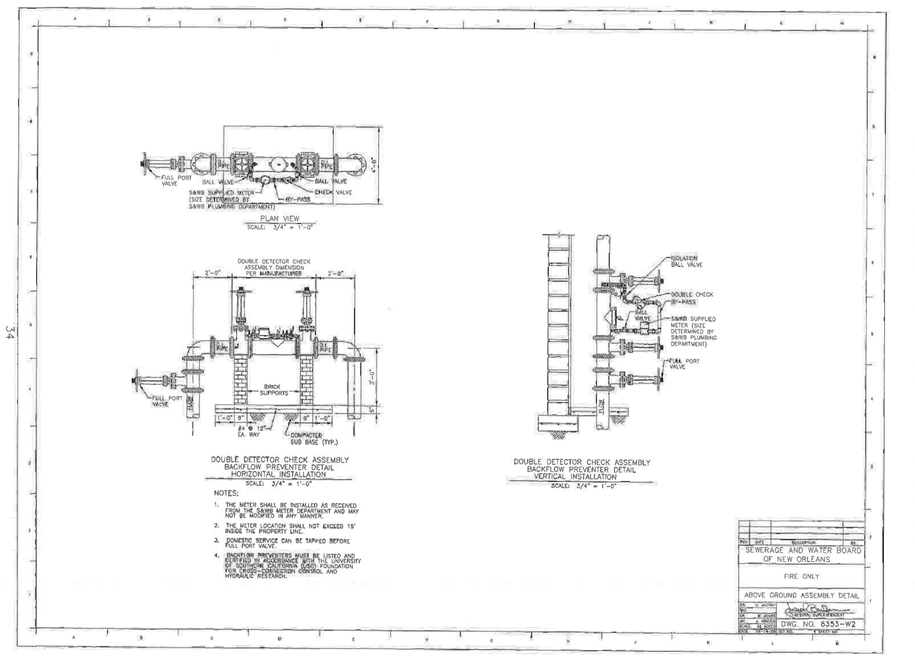


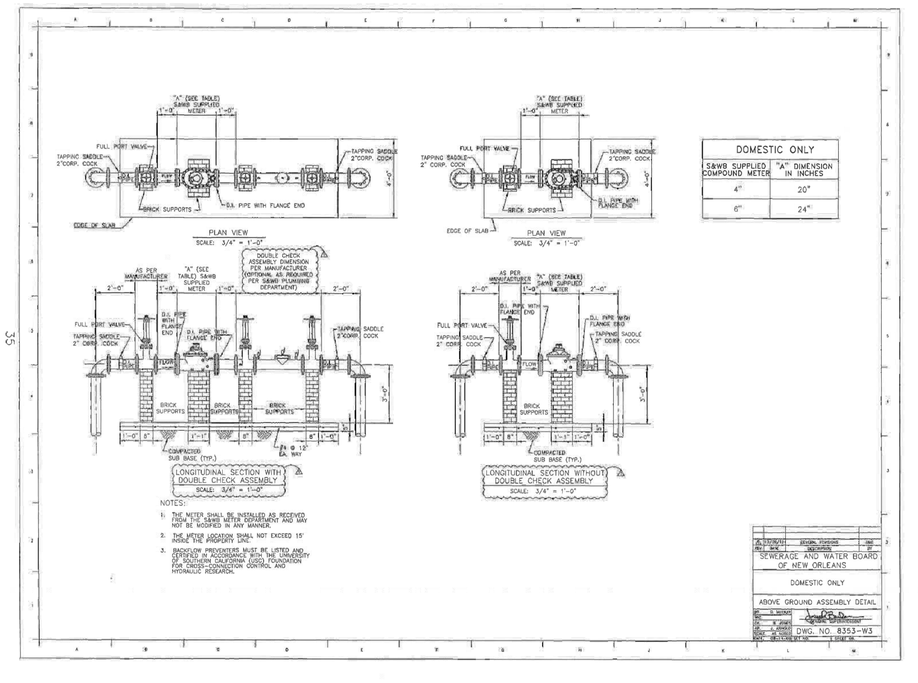
NO.	DATE	DESCRIPTION	BY
4	03-09-00	NOTES TO WATER VALVE MANHOLE DETAIL, WATER TABLE & VERT. SCALE	D.J.C.
3	03-08-00	DRAWING LEGEND	D.J.C.
2	02-08-00	DETAIL REVISED AND NOTES ADDED	D.J.C.
1	4-27-73	PIPE TO HYDRANT	T.F.C.
NO.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

FIRE ONLY

ABOVE GROUND ASSEMBLY DETAIL

DR. DRAFTING ROOM SUPV.	
DES. DESIGNED BY	
TR. TRACED BY	
CK. CHECKED BY	DWG. NO. 8353-W2
DATE 1-27-14	SHT. NO. 1 SHEET(S)



DOMESTIC ONLY	
S&WB SUPPLIED COMPOUND METER	"A" DIMENSION IN INCHES
4"	20"
6"	24"

NO.	DATE	DESCRIPTION	BY
4	03-09-00	NOTES TO WATER VALVE MANHOLE DETAIL, WATER TABLE & VERT. SCALE	D.J.C.
3	03-08-00	DRAWING LEGEND	D.J.C.
2	02-08-00	DETAIL REVISED AND NOTES ADDED	D.J.C.
1	4-27-73	PIPE TO HYDRANT	T.F.C.
NO.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

DOMESTIC ONLY

ABOVE GROUND ASSEMBLY DETAIL

DR. DRAFTING ROOM SUPV.	
DES. DESIGNED BY	
TR. TRACED BY	
CK. CHECKED BY	DWG. NO. 8353-W3
DATE 1-27-14	SHT. NO. 1 SHEET(S)

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BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
08-05-19

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	MMM
Checked By	KD

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Water Details

Sheet
C-7.0

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WATER NOTES

I. GENERAL

1. It is to be understood that all references to "The Sewerage and Water Board (S&WB) Engineer" throughout this document shall refer to the General Superintendent of the S&WB or his appointed representative and all references to "The S&WB Inspector" throughout this document shall refer to the inspector assigned to the project by the S&WB Engineer. The S&WB Inspector shall represent the S&WB Engineer in his/her absence. It is also to be understood that all references to S&WB drawings and specifications refer to the latest edition or revision.

2. The Contractor shall have an individual with a Water Distribution Class IV license, obtained through the Louisiana Department of Health and Hospitals, on site at all times during the installation of the water lines and appurtenances.

3. The Contractor shall furnish all labor, supervision, materials and equipment required for the installation of new water mains, valves, manholes, hydrants, and house connections required by the project drawings and specifications.

4. The S&WB forces shall be responsible for the closure of all water valves. The Contractor shall contact the Chief of Networks at 2900 Peoples Ave., NOLA 70122, two weeks in advance of any required water closures to schedule the closures.

5. All workmanship and materials shall conform to the General Specifications of the S&WB. Any modification from the design drawings pertaining to S&WB facilities must be approved by the S&WB Engineer prior to construction.

6. Prior to the installation of S&WB facilities, the entire area within the public right-of-way, including the entire width of any servitudes adjacent to the front property line, plus an additional 3 ft. must be filled to the finished grade.

7. All elevations shown on the drawings refer to Cairo Datum in which 0.00 ft. NGVD is equal to 20.43 ft. Cairo Datum.

8. It is to be understood that wherever sand is stipulated in the specifications or drawings, it shall refer to pumped Mississippi River sand or any natural sand deposit meeting the requirements of AASHTO A-3 or ASTM-SP.

9. The Contractor shall notify the General Superintendent (625 St. Joseph St. N.O. LA 70165), with copies to the Chief of Engineering (8800 S. Claiborne Ave N.O. LA 70118), and the Chief of Construction Administration and Inspection (8800 S. Claiborne Ave N.O. LA 70118) of the S&WB in writing not less than 3, nor more than 10 days in advance of starting the project so as to schedule the inspection of any S&WB work. If the Contractor fails to do so prior to starting his work, the Contractor shall be required to expose the bedding on all pipe or any other concealed work previously installed in order to obtain the approval of the S&WB Inspector. Any work performed without a S&WB Inspector's approval will not be accepted by the S&WB, nor tied into the S&WB's distribution system.

10. The location of existing utilities shown on the drawings should be considered approximate. The Contractor shall verify the elevation of all existing structure inverts and the location of all existing utilities prior to the start of work, and shall be responsible for any negligence on his part in protecting them. The location of sewer and water house connections can be obtained from the S&WB.

11. All S&WB maintained water facilities installed by the Contractor will be subject to the approval of the S&WB Inspector. The Contractor shall provide the S&WB Inspector full access to the work throughout construction and abide by any justifiable S&WB Inspector's request to expose any and all work installed by the Contractor.

12. Backfill material for all utilities shall be sand either compacted mechanically in 6 in. lifts or flooded in 3 ft. lifts. Compaction shall be performed to 95% maximum dry density, near optimum water content, and shall meet the compaction characteristics of ASTM D-1557.

13. All removed valves, hydrants and castings shall be returned to the Central Yard Warehouse at 2900 Peoples Ave.

II. PIPE MATERIAL

A. POLYVINYL CHLORIDE (PVC)

1. All new water mains 6 in. through 12 in. shall be solid wall DR 18 PVC pipe manufactured in accordance with AWWA Standard C900 "Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 in. through 12 in. for Water Distribution." Pipe shall be furnished in standard lengths (min. 16 ft.) with integral cast bells or couplings using elastomeric gaskets conforming to AWWA Standard C900, ASTM D3212 or F477. New water mains 16 in. and larger shall be solid wall DR 18 PVC pipe manufactured in accordance with AWWA Standard C905.

2. For PVC water lines, all pipefitting shall be ductile iron and shall conform to the following section on "Ductile Iron." All nuts, bolts, and washers shall be manufactured of stainless steel.

B. DUCTILE IRON

1. Ductile iron pipe shall be manufactured in accordance with AWWA Standard C150, "Thickness Design of Ductile-Iron Pipe" and AWWA Standard C151, "Ductile Iron Pipe, Centrifugally Cast, for Water," Special Thickness Class 52. Ductile iron pipe for above ground exposed applications such as canal crossings, etc., shall be Special Thickness Class 56. Ductile iron pipe to be installed inside of an underground drainage box canal shall be Special Thickness Class 56. No joints will be allowed inside the box canal.

2. Ductile iron fittings shall be manufactured in accordance with AWWA Standard C110, "Ductile-Iron and Gray-Iron Fittings for Water" or C153, "Ductile-Iron Compact Fittings, 3 in. through 24 in. and 54 in. through 64 in. for Water Service."

3. All ductile iron pipe and fittings shall have an asphaltic coating in accordance with AWWA Standards C151 and C110. All ductile iron pipe and fittings shall be installed in a polyethylene encasement, 8 mils in thickness, in accordance with AWWA Standard C105, "Polyethylene Encasement for Ductile Iron Pipe Systems." This polyethylene encasement shall cover all ductile iron pipe and fittings, including joints, and shall be overlapped a minimum of 12 in. between sections and sealed with black polyethylene tape.

4. Ductile iron pipe and fittings shall be lined with cement mortar. The cement mortar lining shall comply with AWWA Standard C104, "Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water."

5. Joints for ductile iron pipe and fittings for below ground applications shall be push-on type or mechanical joints with rubber gaskets in accordance with AWWA Standard C111, "Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings." Joints for ductile iron pipe and fittings for above ground exposed applications such as canal crossings, etc., shall be American "Flex-Ring" or U. S. Pipe "TR Flex" or approved equal. (U. S. Pipe "Field Lok 350 Gasket" and American "Fast-Grip Gasket" are not allowed.) All joints shall be restrained per manufacturers recommendations. Any required ductile iron flanges shall be in accordance with AWWA Standard C115, "Flanged Ductile Iron Pipe with Ductile Iron or Gray Iron Threaded Flanges." Stainless steel bolts and nuts shall be used on bolted fittings, valves, saddles, etc.

C. OTHER MATERIALS

1. Steel, fiberglass reinforced pipe (FRP), and high density polyethylene (HDPE) are materials that have been approved for installation within the water system. The specifications for these materials will be job specific.

III. WATER MAIN INSTALLATION

1. The water main must be laid in a separate trench from all other utilities. The minimum allowable horizontal distance between the water main and the sewer main shall be 6 ft., and a minimum vertical separation of 18 in. as stipulated in Louisiana Administrative Code Title Fifty-One (51) Public Health-Sanitary Code Part XII Water Supplies. The minimum allowable horizontal distance between the water main and all other utilities shall be 3 ft., and a minimum vertical clearance of 6 in. above and 12 in. below other utilities. In instances where a new water main is replacing an existing, the new main must be a minimum of 3 ft. from the existing main and the existing main must be kept in service until the new main is tied in. The minimum cover for a water main is at 3.5 ft. All dimensions between utilities shall be measured from outside diameter to outside diameter.

2. The curvature of the water mains in cul-de-sacs shall be accomplished with Polyethylene PE 3406 or PE 3408 tubing material with brass fittings, usually a 2 in. minimum diameter line.

3. The installation of all pipe shall conform to the manufacturers recommendations and the applicable requirements of Section F of the S&WB General Specifications. The trench bottom shall be smooth and free from roots, rocks, etc. The pipe shall be laid on a 6 in. bed of sand for the full width of the trench and compacted to 95% standard proctor density at or near the optimum moisture content. The sand shall be placed and consolidated under the pipe haunches to provide adequate side support to the pipe avoiding displacement and misalignment. The remainder of the trench shall be filled with sand compacted to the specified grade as required by the S&WB General Specifications.

4. The Contractor will be responsible for the cleanliness of the main until completion of the work and final acceptance of the Contract. At the end of each day's work, or stoppage of work, the Contractor must provide an approved temporary watertight plug at each open end. When work is resumed, the trench must be free of water and dirt before the plug is removed.

5. The Contractor shall make all tie-ins and shall provide all material for tie-ins as specified in the contract drawings. Tie-ins shall only be made once the chlorination process has been approved.

6. The Contractor shall obtain approval from the S&WB prior to making tie-ins, and shall work continuously until completion on all tie-ins and water services are restored. Water services will not be interrupted until all crews and equipment are on site with the connection exposed, and prepared to begin the tie-in. In addition, the Contractor must show that the N.O. Fire Dept. and affected residents have been notified 24 hours in advance of any interruption of service. The Contractor shall make every effort to limit residential closures.

IV. METER MANHOLES, VAULTS & BOXES

1. Where manholes or vaults are required within the public right-of-way, the Contractor shall be responsible for installation and construction of the meter manhole or vault in accordance with the S&WB General Specifications Section F-12. Meter sizes 1 in. and smaller shall be installed within the public right-of-way in a meter box as shown on S&WB Dwg. No. 7134-W. Meter sizes 1 1/2 and 2 in. installed within the public right-of-way shall be installed in manholes as shown on S&WB Dwg. No. 7332-W. Meter sizes 4 in. to 10 in. installed within the public right-of-way shall be installed in vaults as shown on S&WB Dwg. No. 7531-W.

2. All manhole foundation slabs shall be placed on a 6 in. layer of crushed stone or approved equal bedding material.

3. Meter boxes shall be adjusted to final grade. There shall be no separation between the barrel and lower meter pan. No adjustment rings are allowed.

V. HOUSE CONNECTIONS

1. Water house connections shall be installed at the center of each lot unless otherwise approved by the S&WB Engineer. When the water main is located outside of the roadway and service connections are required on the opposite side of the street, the Contractor shall furnish and install PVC conduit pipe (min 0.216 in. wall thickness, min. 3 in. diameter) with ends temporarily sealed. For new construction, the location of all water house connections shall be imprinted on the curb with the letter "W" not less than 3 in. high and 1/4 in. deep. Size of connection shall be 1 in. polyethylene pipe for 5/8 in. to 1 in. meters as shown on S&WB Dwg. No. 7134-W.

2. No direct tapping of the pipe will be permitted for making house connections. Service saddles shall be bronze Clow No. 3407 G, J. Jones J-996, Mueller Series H-13400, S90 Ford Brass Saddle, or Ford FC202. The Contractor shall use only shell type hole cutters that will retain the coupon. Depth of house connections at the property line shall be between 2.5 ft. and 3.5 ft.

VI. METERS

1. Required meters will be furnished by the S&WB at no additional cost to the Contractor. The Contractor shall be responsible for installation and construction of the meter box, and meter manhole or vault.

2. The meter shall be installed as received from the S&WB Meter Department and may not be modified in any manner. Any modifications will void the UL warranty and, as such, may subject the owner to financial penalty and loss of service.

3. Meters installed on private property shall meet the requirements of the S&WB House Connection Department.

VII. VALVES AND HYDRANTS

1. Valves 4 in. to 12 in. installed in the public right of way shall be S&WB R.D. Wood Gate valves as shown in S&WB Dwg. 11897-W-62. Valves 16 in. and larger shall be American R/D gate valves. All valves must be installed in manholes, and located at the projection of the property line.

2. Hydrants shall be 5 in. Breakaway Fire Hydrant Bronze Trim, as detailed in S&WB Dwg. No. 11825-W-62 or 5 ¼ in. American Darling Fire Hydrant B-62-B. For details of setting hydrants see S&WB Dwg. No. 6179-F-2. Hydrant leads shall be solid wall PVC pipe Class 150, AWWA Standard C-900. All hydrant lead joints shall be restrained. Hydrants shall be installed with wood blocking and be spaced not more than 350 ft. apart, 6 ft. off the projected property line on corner lots, and within 5 ft. of the center of the lot for interior lots.

VIII. TESTING, CHLORINATION AND FLUSHING

1. All new mains, valves, hydrants and services shall be installed prior to pressure testing. The system shall be pressure tested by the Contractor in the presence of the S&WB Inspector and in accordance with Paragraph F-15 of the General Specifications. The test shall be scheduled by the S&WB Inspector. All air shall be bled from the system prior to testing. The Contractor shall be responsible for all costs incurred as a result of test failures, including repairs to defects.

2. Throughout the test, the pressure will be maintained at 100 psi. If the pressure drops to 95 psi it must be increased back to 100 psi by adding additional water to the pipe. Each subsequent "pump up" must use less water per hour than was used previously, or the main will not be accepted. If the Contractor allows the pressure to fall below 95 psi at any point, the main will not be accepted. The test shall be performed for a minimum of 3 hours and a maximum of 24 hours. Allowable leakage shall not exceed 20 gallons of water per 24 hours, for each mile of pipe, per inch of inside diameter for pipes 12 in. and smaller. For pipes larger than 12 in., the allowable leakage shall be 10 gallons of water per 24 hours, for each mile of pipe, per inside inch diameter.

3. The Contractor shall install the flushing apparatus in accordance with S&WB Dwg. Nos. 7004-W and 7005-W. The Contractor shall flush the newly installed piping system with maximum flow prior to the chlorination by the S&WB.

4. The Contractor shall notify the S&WB 1 week in advance of the desired chlorination date. Chlorination of the water mains shall be performed by the S&WB in accordance with Par. F-16 of the General Specifications. The S&WB forces will require approximately 4 working days, weather permitting, to conduct and provide test results of the system. If the initial disinfection does not produce satisfactory samples, the process shall be repeated and the Contractor shall be assessed as stated below.

5. The S&WB will perform the initial chlorination of the mains at no charge to the Contractor. If it is observed that the Contractor had not taken proper precautionary measures to prevent contamination during the installation, the S&WB will cease operation until the system is flushed and made clean by the Contractor. The Contractor shall bear any and all costs associated with rechlorination of the system.

6. The new main must be connected to the S&WB's system within 72 hours of notification of passing the chlorination test. Failure to complete the tie-ins within this time limitation will result in retesting the new main at the expense of the Contractor.

IX. INSPECTION

1. All installation of water mains and related appurtenances will be performed under the inspection of, and to the satisfaction of the S&WB Inspector throughout the course of the work.

X. FINAL ACCEPTANCE

1. The new water mains and appurtenances must be installed level, at proper grade, have passed all required tests, and must be tied into the existing water system prior to obtaining final acceptance.

2. Before final inspection of the system, the Contractor shall submit an "AS-BUILT" drawing to the S&WB showing any changes in line or grade from the original drawings, as well as showing the location of all house connections, in accordance with S&WB requirements. It will be the Contractor's responsibility to certify that the "AS-BUILT" drawings are correct. Any inaccuracy as determined by the S&WB in the "AS-BUILT" drawings shall be corrected at the cost of the Contractor.

3. The Contractor must contact the S&WB to set a date for final inspection. In the event the Contractor calls for an inspection and the work is not adequately complete, a new inspection date will then be set at the discretion of the S&WB Inspector.

4. Final acceptance of the system will be subject to a 1 year maintenance period following final acceptance of the project by the S&WB.

REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

SPECIFICATIONS FOR INSTALLATION OF WATER MAINS

DR.	Q. FENG	GENERAL SUPERINTENDENT
TRC.		
CK.	B. JONES	
AP.	J. BECKER	DWG. NO. 7260-W
SCALE	NONE	
DATE	05-05-05	SET NO. / SHEET NO.

BID DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
08.05.19

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Drawn By	NBZ
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Water Notes

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SEWER NOTES

I. GENERAL

1. It is to be understood that all references to "The Sewerage and Water Board (S&WB) Engineer" throughout this document shall refer to the General Superintendent of the S&WB or his appointed representative, and all references to "The S&WB Inspector" throughout this document shall refer to the inspector assigned to the project by the S&WB Engineer. The S&WB Inspector shall represent the S&WB Engineer in his/her absence. It is also to be understood that all references to S&WB drawings and specifications refer to the latest edition or revision.

2. The Contractor shall have an individual with a Wastewater Collection Class IV license, obtained through the Louisiana Department of Health and Hospitals, on site at all times during the installation of the sewer lines and appurtenances.

3. The Contractor shall furnish all labor, supervision, materials, and equipment required for the installation of new sewer mains, manholes, house connections, etc., required by the project drawings and specifications.

4. All workmanship and materials shall conform to the General Specifications of the S&WB. Any modification from the design drawings must be approved by the S&WB Engineer prior to construction.

5. Prior to the installation of any S&WB facilities, the entire area within the public right-of-way, including the entire width of any servitudes adjacent to the front property line, plus an additional 3 ft. must be filled to the finished grade.

6. All elevations shown on the drawings refer to Cairo Datum in which 0.00 ft. NGVD is equal to 20.43 ft. Cairo Datum.

7. It is to be understood that wherever sand is stipulated in the specifications or drawings, it shall refer to pumped Mississippi River sand or any natural sand deposit meeting the requirements of AASHTO A-3 or ASTM-SP.

8. The Contractor shall notify the General Superintendent (625 St. Joseph St. N.O. LA 70165), with copies to the Chief of Engineering (8800 S. Claiborne Ave N.O. LA 70118), and the Chief of Construction Administration and Inspection (8800 S. Claiborne Ave N.O. LA 70118) of the S&WB in writing not less than three nor more than ten days in advance of starting the project so as to schedule the inspection of any S&WB work. Failure to do so prior to starting this work shall require the Contractor to expose the bedding on all pipe, or any other concealed work previously installed in order to obtain the approval of the S&WB Inspector. Any work performed without an S&WB Inspector's approval will not be accepted by the S&WB nor tied into the S&WB's collection system.

9. The location of existing utilities shown on the drawings should be considered approximate. The Contractor shall verify the elevation of all existing structure inverts and the location of all existing utilities prior to the start of work, and shall be responsible for any negligence on his part in protecting them. The location of sewer and water house connections can be obtained from the S&WB.

10. All S&WB maintained sewer work performed by the Contractor would be subject to the approval of the S&WB Inspector. The Contractor shall provide the S&WB Inspector full access to the work throughout construction and abide by any justifiable S&WB Inspector's request to expose any and all work installed by the Contractor.

11 Backfill material for all utilities shall be sand either compacted mechanically in 6 in. lifts or flooded in 3 ft. lifts. Compaction shall be performed to 95% maximum dry density, near optimum water content, and shall meet the compaction characteristics of ASTM D-1557.

12. Specifications for sewer force main pipe shall be job specific.

II. PIPE MATERIAL

1. Material for sewer mains shall be solid wall PVC pipe, manufactured in accordance with ASTM D-3034 specifications and to a SDR (strength dimension ratio) of 26 with elastomeric gaskets. The elastomeric gaskets and retainer rings shall be installed by the manufacturer in accordance with ASTM D-3212 and F-477.

2. The fittings for solid wall PVC pipe shall be the same inside diameter as the solid wall PVC with an SDR of 35.

3. PVC sewer mains, sizes 18 in. through 27 in. shall be solid wall PVC pipe conforming to ASTM F-679.

4. The maximum allowable compression for installed PVC sewer pipe is 7.5 percent (7.5%) of its original vertical inside diameter. Pipe exceeding this allowable compression shall be removed and replaced with new pipe, reinstalled at the Contractor's expense.

5. At points of tie-ins to the existing system, the new pipe material should match the existing. If the new material does not match the existing material, the connection shall be made with the use of a coupling and bushing adapter intended for that purpose, ARC (Mission Rubber Co.), FERNCO, or equal, conforming to ASTM C-425.

6. Ductile iron pipe shall be used where specified on the construction drawings and shall conform to Section II-B, "Ductile Iron" of the S&WB 7260 Water Notes except that the interior lining shall be polyethylene, "Polybond", or approved equal, and must be factory installed with 40 mils nominal thickness.

III. SEWER MAIN INSTALLATION

1. The sewer main must be laid in a separate trench from all other utilities. The minimum allowable horizontal distance between the sewer main and the water main shall be 6 ft., and a minimum vertical separation of 18 in. as stipulated in Louisiana Administrative Code Title Fifty-One (51) Public Health-Sanitary Code Part XII Water Supplies. The minimum allowable horizontal distance between the sewer main and other utilities shall be 3 ft., and a minimum vertical clearance of 12 in. above or 12 in. below other utilities. For payment purposes, depths of sewer mains shall be determined by the average measurements from inverts to the top of castings at finished grade of connecting manholes. All dimensions between utilities shall be measured from outside diameter to outside diameter.

2. Sewer mains and interconnecting manholes shall be installed at elevations indicated on the plans unless changed by the S&WB Engineer. All mains must be laid continuously from manhole to manhole, laid from the low end of the system with the bell facing upstream, and must be of the same size pipe diameter. The minimum depth of a sewer main shall be 5.5 ft. from surface to invert.

3. Installation of the solid wall PVC pipe shall conform to Section D, "The Construction of Sewers," of the General Specifications of the S&WB. The trench bottom shall be smooth and free from rocks, roots, etc. After the sheeting and/or foundation lumber is placed, the pipe shall be laid on a smooth bed of approved bedding material. Bedding and foundations for mains and standard sheeting and bracing shall comply with S&WB Dwg. No. 4697-E5A. The bedding material shall be extended under, around, and over the top of the pipe and compacted in layers not greater than 6 in. by a mechanical vibrating compactor approved by the S&WB Engineer until a minimum of 95% standard proctor density is attained at or near optimum moisture content for the full width of the trench. The bedding material shall be Class I Angular Material (1/4 in. to 1-1/2 in.), ASTM D2321 or ASTM C33. The S&WB Engineer reserves the right to approve the type of bedding material to be used.

4. Filter fabric shall be installed around the bedding and under the backfill in all sewer installations as shown in S&WB Dwg. No 4697-E5A, and conform by weight to ASTM D1910. The filter fabric shall be DOTD Class C or D, non-woven pervious sheets of plastic yarn MiraFi 170N, or an equal approved by the S&WB Engineer, constructed so the yarns will retain their relative position with respect to each other. Edges of the fabric shall be finished to prevent the outer yarn from pulling away from the fabric. The fabric shall be installed as follows:

   a. After the trench is excavated, the foundation lumber shall be placed in the bottom of the trench as shown on the standard drawings. The filter fabric shall be cut to the needed width, including allowances for "loose" placement in the trench, with a double overlap on top of the bedding material after placement. The fabric shall be laid over the foundation lumber in the trench along the pipes alignment with an 18 in. minimum overlap at the ends of subsequent lengths. Care should be taken to place the fabric tightly against the soil so that no voids occur outside the fabric. Wrinkles or folds should be avoided. The sides of the fabric which will be used as a double-top overlap should temporarily be pinned to the sides of the trench.

   b. After installing the fabric, an initial 6 in. layer of bedding material shall be placed and compacted to the proper grade before placing the sewer pipe. The remainder of the bedding material shall then be placed around and above the pipe and compacted. Compaction is required to seat the fabric and bedding material against the trench wall and to reduce settlement.

   c. After compaction, the two edges of the filter fabric shall be unfastened and overlapped for the full width of the trench on top of the bedding material. The backfill material shall then be placed on top of the filter fabric and compacted.

IV. MANHOLES

1. Manholes shall conform to Section D of the General Specifications and S&WB Dwg. Nos. D-870. Short sections of pipe with bell fittings and water stops, as recommended by the manufacturer and as shown on S&WB Dwg. No. 8178-SD, shall be used as connectors for brick manholes. As an alternative, a sand impregnated PVC stub, approved by the S&WB Engineer, may be used and grouted in place using a type three high early strength cement, or quick setting EMBECO, or similar material approved by the S&WB Engineer. KOR-N-SEAL Boots, or approved equal, as shown on S&WB Dwg. No. 8178-SD, shall be used for precast manhole pipe connections.

2. Manhole steps shall conform to S&WB Dwg. No. D-1359.

3. Abandoned sewer mains must be plugged in the manhole. Walls of abandoned manholes shall be removed to a minimum of 2 ft. below finished grade and the abandoned manholes must be filled with sand and flooded. Castings and covers are to be removed and returned to the S&WB Central Yard, 2900 Peoples Ave N.O. LA 70122.

4. All manhole foundation slabs shall be placed on a 6 in. layer of crushed stone or approved equal bedding material in accordance with S&WB Dwg. No. D-870.

V. HOUSE CONNECTIONS

1. House Connections shall be installed using 6 in. solid wall SDR 26 PVC pipe extended to the property line as shown on S&WB Dwg. No. 6312-E5. The use of saddles will not be permitted; all such connections shall be made with the use of approved fittings. All pipe and fittings shall be the same material as the sewer main unless otherwise approved by the S&WB Engineer. House Connections shall have a minimum of 3.5 ft. and a maximum of 4.5 ft. of cover, measured from the gutter line and from the ground surface at the property line. The house connection shall end at the property line or extend through any proposed servitudes adjacent to the property line with a rubber gasketed plastic cap. House connections shall not require bracing, foundation lumber, or bedding. The location of all sewer house connections shall be imprinted on the curb with an "S", 3 in. high and ¼ in. deep as shown on S&WB Dwg. No. 6312-E5.

VI. TESTING AND INSPECTION

1. All installation of sewer mains and related appurtenances will be performed under the inspection of, and to the satisfaction of the S&WB Inspector throughout the course of the work.

2. Infiltration rate for newly installed gravity mains shall be zero gallons. Infiltration test rates for force mains shall not exceed a rate of 250 gallons per in. of diameter per mile, per 24 hours, shall be conducted by the Contractor and observed by the S&WB representative. This test shall be performed only after the backfilled trench has remained flooded for at least 12 hours prior to the test. The trench shall remain flooded during the test. The Contractor shall furnish all material, labor and equipment necessary for this test. If an infiltration test is not performed prior to paving, an exfiltration test may be made as directed by the S&WB Engineer. Any detectable leak shall be repaired by the Contractor at the Contractor's expense. The infiltration test is to be performed by the Contractor and shall be witnessed by the S&WB Inspector.

3. At the completion of backfilling, and prior to final acceptance of the sewer, 100% of the sewer main must be mandreled. This mandrel work shall be witnessed by the S&WB Inspector and performed by the Contractor at no direct pay. The S&WB will provide the mandrels for all tests and the Contractor shall place the pull lines in the mains. The Contractor will have the option of passing the mandrels at any time after final backfill of the trenches but prior to final acceptance. It is required that a S&WB Representative and the Contractor witness the actual mandreling test(s).

4. The sewer line shall be cleaned and videoed prior to the installation of the wearing course. It is required that a S&WB Representative and the Contractor physically eye-witness the actual cleaning and TV/video test(s).

5. The Contractor will be required to repair, at his own expense and in an approved manner, all defects in workmanship or material disclosed by these inspections prior to obtaining final acceptance. The Contractor shall also bear all cost associated with the re-testing, including any cost incurred by the S&WB.

VII. FINAL ACCEPTANCE

1. Before final inspection of the system, the Contractor shall submit an "AS-BUILT" drawing to the Board showing any changes in line or grade from the original drawings, as well as showing the location of all house connections, in accordance with S&WB requirements. It will be the Contractor's responsibility to certify that the "AS-BUILT" drawings are correct. Any inaccuracy as determined by the S&WB in the "AS-BUILT" drawings shall be corrected at the cost of the Contractor.

2. The Contractor must contact the S&WB to set a date for final inspection. In the event the Contractor calls for an inspection and the work is not adequately complete, a new inspection date will then be set at the discretion of the S&WB Inspector.

3. Final acceptance of the system will be subject to a 1-year maintenance period following final acceptance of the project by the S&WB.

REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

SPECIFICATIONS FOR INSTALLATION OF SEWER MAINS

DR.	Q. FENG	GENERAL SUPERINTENDENT
TRC.		
CK.	B. JONES	
AP.	J. BECKER	DWG. NO. 7260-S
SCALE	NONE	
DATE	05-05-05	SET NO. / SHEET NO.

BID DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3085 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
08.05.19

Revisions

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Drawn By	NBZ
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08/05/2021
(RE-ISSUE 7/12/2023)

Title

Sewer Notes

Sheet

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GENERAL STRUCTURAL NOTES:

1. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FABRICATION, TESTING, AND CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE FOLLOWING NOTES. SHOULD CODES OR STANDARDS CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. FOR THE FOLLOWING REFERENCE CODES AND STANDARDS, ONLY THE LATEST EDITION IS APPLICABLE, UNLESS OTHERWISE INDICATED:
   - (A) AMERICAN CONCRETE INSTITUTE (ACI)
   - (B) AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
   - (C) AMERICAN IRON AND STEEL INSTITUTE (AISI)
   - (D) AMERICAN STANDARD FOR TESTING AND MATERIALS (ASTM)
   - (E) AMERICAN WELDING SOCIETY (AWS)
   - (F) RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC)
   - (G) STEEL STRUCTURES PAINTING COUNCIL (SSPC)
   - (H) OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
3. SPECIFIED MATERIALS INCLUDING GROUTS, SEALANTS, ANCHORAGE, MECHANICAL DEVICES, ETC. SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS SET OUT IN THE SPECIFICATIONS.
4. STRUCTURAL DRAWINGS SHALL BE USED AND INTERPRETED IN CONJUNCTION AND COORDINATION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS, AND SPECIFICATIONS.
5. PRIOR TO CONSTRUCTION, CONTRACTOR SHOULD VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE ARCHITECT'S DRAWINGS.
6. CONTRACTOR SHALL VERIFY ALL CAMBER, DEPRESSIONS, SLOPES, OPENINGS, PENETRATIONS, ETC. THROUGH OR WITHIN STRUCTURAL ELEMENTS. ANY STRUCTURAL ELEMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING ANY WORK. ANY INTERFERENCE OR CONFLICT SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER OF RECORD.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL DIMENSIONS AND FIT-UP OF THE STRUCTURE, INCLUDING BUT NOT LIMITED TO, VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE COMMENCING WORK AND ALL AS-BUILT CONDITIONS AS THE WORK PROGRESSES.
9. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, ERECTION, PLACEMENT, MAINTENANCE, DURATION AND REMOVAL OF ANY SHORING, RE-SHORING, BACK-SHORING, BRACING, TIE-BACKS, OR OTHER TEMPORARY SUPPORT STRUCTURES REQUIRED TO SUPPORT ANY PART OF THE NEW OR EXISTING CONSTRUCTION OR SURROUNDING IMPROVEMENTS DURING THE ENTIRE CONSTRUCTION PROCESS TO ENSURE THE SAFETY AND STABILITY OF THE STRUCTURE.
10. ALL WORK AREAS SHALL BE KEPT NEAT, CLEAN, AND SAFE AT ALL TIMES BY THE CONTRACTOR. TRASH AND DEMOLISHED MATERIALS SHALL NOT BE ALLOWED TO ACCUMULATE AT THE SITE DURING EXECUTION OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS. ALL DEBRIS SHALL BE PROPERLY AND LEGALLY DISPOSED OF. ALL ASPECTS OF JOB SITE SAFETY ARE COMPLETELY THE RESPONSIBILITY OF THE CONTRACTOR.
11. STEEL FRAMES ARE "NON-SELF SUPPORTING". ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR ELEMENTS ARE INSTALLED AND COMPLETED.
12. DETAILS SHOWN ON DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
13. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL AND CHARGE OF THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

SHOP DRAWING NOTES:

1. THE GENERAL CONTRACTOR SHALL REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS AND APPROVE AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE PROFESSIONAL OF RECORD. CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR REINFORCING, JOIST, DECKING, STRUCTURAL MEMBERS, ETC. ONCE REVIEWED AND STAMPED, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND/OR ENGINEER. FABRICATION AND INSTALLATION SHALL BE MADE FROM ONLY SHOP DRAWINGS NOTED BY THE ENGINEER AS "NO EXCEPTIONS TAKEN".
2. ONLY SHOP DRAWINGS NOTED AS "NO EXCEPTIONS TAKEN" MAY BE RELEASED FOR FABRICATION. SHOP DRAWINGS WITH ANY OTHER NOTATION MUST BE REVISED UNTIL NOTED AS "NO EXCEPTIONS TAKEN". MATERIAL FABRICATED WITHOUT FOLLOWING THIS PROCEDURE SHALL BE SUBJECT TO REJECTION.
3. FABRICATION DRAWINGS SHALL SPECIFICALLY AND PROMINENTLY HIGHLIGHT CHANGES MADE FROM SHOP DRAWINGS WHICH DO NOT STRICTLY COMPLY WITH THE CONTRACT DOCUMENTS AND RECEIVE WRITTEN APPROVAL BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCING FABRICATION.
4. FABRICATION CHANGES THAT RESULT IN MODIFICATIONS TO THE CONTRACT SUM MUST BE APPROVED IN ACCORDANCE WITH PROVISIONS CONTAINED IN THE OWNER-CONTRACTOR AGREEMENT OR PROCEDURES OUTLINED IN THE PROJECT MANUAL/SPECIFICATIONS.
5. ALL CONNECTIONS, INCLUDING TYPICAL FRAMED CONNECTIONS, SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AND ENGAGED BY THE CONTRACTOR. ALL SUCH SHOP DRAWINGS AND OTHER RELATED SUBMITTALS, INCLUDING CALCULATIONS SHALL BEAR THE ENGINEER'S SEAL.
6. CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER SHALL SUBMIT SUBSTANTIATING CONNECTION INFORMATION INCLUDING CALCULATIONS, SOFTWARE RESULTS, CONNECTION DETAILS, AND OTHER RELATED DOCUMENTS TO THE ENGINEER OF RECORD FOR REVIEW.
7. ENGINEER'S REVIEW OF SHOP DRAWINGS AND SUBMITTALS IS ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. CONTRACTOR AND ITS FABRICATOR ARE RESPONSIBLE FOR DIMENSIONS AND QUANTITIES ASSOCIATED WITH THEIR PORTION OF THE PROJECT. ANY MEANS AND METHODS ASSOCIATED WITH THE FABRICATION OF ANY MATERIAL SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND FABRICATOR AS WELL AS THE COORDINATION OF INSTALLATION SEQUENCES AFFECTING OTHER TRADES.
8. ENGINEER'S NOTATION OF "NO EXCEPTION TAKEN" ON SUBMITTED SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR AND FABRICATOR OF RESPONSIBILITY FOR THE DESIGN ADEQUACY OF ALL CONNECTIONS, DETAILED DIMENSIONS ON SHOP DRAWINGS, NOR THE GENERAL FIT-UP OF PARTS AND ELEMENTS TO BE ASSEMBLED IN THE FIELD.
9. NO CHANGES IN DETAILS OR THE SUBSTITUTION OF MEMBERS OR OTHER STRUCTURAL ELEMENTS SHALL BE PERMITTED WITHOUT THE SPECIFIC WRITTEN APPROVAL BY THE ENGINEER.

FOUNDATION NOTES:

1. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL REPORT BY EUSTIS ENGINEERING SERVICES, LLC, REPORT #: 21576 DATED 11-30-11 AND PILE LOAD TEST REPORT BY STRATUM ENGINEERING, LLC, REPORT #: C19-079 DATED 01-02-20.
2. PILE TYPE:

   PILING SHALL BE ONE PIECE TREATED TIMBER PILING (CCA 0.80) SHOWN THUS ● AND ◑ AND SHALL CONFORM TO ASTM D25 CLASS B AND HAVE A MINIMUM TIP DIAMETER OF 7 INCHES AND A MINIMUM BUTT DIAMETER OF 13 INCHES MEASURED 3 FEET FROM THE END OF THE PILE. THE TIPS OF ALL PILES SHALL BE DRIVEN TO AN ELEVATION OF 55 FEET BELOW EXISTING GRADE.

   - (A) DESIGN LOAD = 20 TONS
   - (B) CUT-OFF TREATMENT: BRUSH TREAT TOP OF PILE WITH COPPER NAPTHENATE CONFORMING TO A.W.P.A. SPECIFICATION M4
   - (C) HAMMER, PRE-DRILLING, AND VIBRATION: SEE GEOTECH REPORT FOR RECOMMENDATIONS
   - (D) PILE DRIVER TO MONITOR PILE INSTALLATION FOR VIBRATION AND PROVIDE VIBRATION REPORTS TO ENGINEER OF RECORD.
3. PILING SHALL BE HUBBELL POWER / AB CHANCE SS150 LEAD SECTION WITH AN 8" AND 10" HELIX, 2'-0" IN LENGTH. FOLLOWED BY A SS150 TO RS2.875 x 0.276 WALL PIPE TRANSITION UNIT (7,000 FT-LB). A 2.875 x 0.276 WALL PIPE EXTENSION UNIT WITH A SINGLE 14" HELIX AND 3'-6" IN LENGTH TO BE INSTALLED FOLLOWED BY 7-RS2875 x 0.276 EXTENSION UNITS, 7' IN LENGTH. A RS2875 x 0.276 EXTENSION, 3'-6" IN LENGTH WILL BE PROVIDED IF NEEDED. A NEW CONSTRUCTION BRACKET 2 7/8" PIPE PILE CAP 7" x 7 1/2" THICK WILL BE PLACED AT THE CORRECT PILE CUT OFF ELEVATION.
   - * SHOWN THUS: ◔
   - * LENGTH = DETERMINED ON SITE
   - * DESIGN LOAD = 20 TONS
4. PILE CAPS AND GRADE BEAMS SHALL BE CENTERED ON COLUMNS AND WALLS.
5. PILE CAPS AND GRADE BEAMS MAY BE EARTH FORMED PROVIDED DIMENSIONAL TOLERANCES LISTED IN THE APPLICABLE ACI CODES ARE ADHERED TO.
6. PLACE 15 MIL. STEGO WATERPROOF MEMBRANE BENEATH ALL INTERIOR SLABS AND BEAMS ON GRADE. LAP 12" TO ACCOMMODATE CONCRETE POURING DIRECTION.

CONCRETE NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   - (A) ACI 117 – SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS
   - (B) ACI 301 – SPECIFICATIONS FOR STRUCTURAL CONCRETE
   - (C) ACI 304 – RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE
   - (D) ACI 308 – RECOMMENDED PRACTICE FOR CURING CONCRETE
   - (E) ACI 315 AND 315R – DETAILS AND DETAILING OF CONCRETE REINFORCEMENT
   - (F) ACI 316 – RECOMMENDED PRACTICE FOR CONSTRUCTION OF CONCRETE PAVEMENTS AND CONCRETE BASES
   - (G) ACI 318 – BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
   - (H) ACI 336 – SUGGESTED DESIGN AND CONSTRUCTION PROCEDURES FOR PIER FOUNDATIONS
   - (I) ACI 347 – RECOMMENDED PRACTICE FOR CONCRETE FORM WORK
   - (J) ASTM STANDARDS FOR THE MATERIALS LISTED.
2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONCRETE SHALL A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
   - (B) CONCRETE SHALL BE NORMAL WEIGHT (APPROXIMATELY 150 LBS. PER CUBIC FT.)
   - (C) PORTLAND CEMENT SHALL MEET ASTM C150 TYPE II.
   - (D) AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
   - (E) REINFORCING STEEL SHALL MEET ASTM A615 GRADE 60.
   - (F) WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185.
   - (G) STEEL PLAIN WIRE SHALL MEET ASTM A82.
   - (H) STYROFOAM USED FOR FILLING VOIDS UNDER CONCRETE SHALL BE AMOFORM EXTRUDED POLYSTRENE INSULATION BOARD BY GEOFOAM FOAM PRODUCTS CO. OR APPROVED EQUAL. MINIMUM COMPRESSIVE STRENGTH SHALL BE 30 PSI.
3. SLUMPS:

   CONCRETE SLUMPS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONCRETE WITHOUT WATER-REDUCING ADMIXTURES OR PRIOR TO THEIR ADDITIONS SHALL HAVE A MAXIMUM SLUMP OF 5 INCHES.
   - (B) CONCRETE WITH LOW TO MODERATE RANGE WATER-REDUCING ADMIXTURES SHALL HAVE A MAXIMUM SLUMP OF 6 INCHES.
   - (C) CONCRETE WITH HIGH RANGE WATER-REDUCING ADMIXTURES SHALL HAVE A MAXIMUM SLUMP OF 8 INCHES.
4. EXPOSED EDGE CONDITIONS:
   - (A) EXPOSED EDGES OF CONCRETE ABOVE GRADE SHALL BE CHAMFERED 3/4" AT 45 DEGREES (AS SHOWN ON SECTIONS IF REQUIRED).
5. BONDING:

   BONDING SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) CONSTRUCTION JOINTS BETWEEN NEW AND HARDENED CONCRETE SHALL BE CLEAN, FREE OF LAITANCE, AND INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 1/4".
   - (B) FOR INSTALLATION OF DOWELS IN HARDENED CONCRETE, CONTRACTOR SHALL DRILL AND EPOXY WITH HILTI HY-HIT 200 OR APPROVED EQUAL.
   - (C) FOR INSTALLATION OF DOWELS IN BRICK MASONRY, CONTRACTOR SHALL DRILL AND EPOXY WITH HILTI HY-HIT 270 OR APPROVED EQUAL.
6. CONCRETE PROTECTION FOR REINFORCEMENT:

   CONTRACTOR SHALL PROVIDE PROTECTIVE COVER FOR REINFORCING LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) 3" FOR CONCRETE GRADE BEAMS AND FOOTINGS DEPOSITED DIRECTLY AGAINST THE GROUND.
   - (B) 2" FOR FORMED CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND.
   - (C) 1" FOR CONCRETE SLABS AND WALLS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND
   - (D) 1 1/2" FOR CONCRETE BEAMS, GIRDERS, AND COLUMNS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND.
7. PLACEMENT:

   PLACEMENT SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) BARS SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
   - (B) REINFORCING BARS OR FABRIC ON GRADE SHALL BE CHAIRED WITH 3000 PSI CONCRETE BRICKETTES SPACED ADEQUATELY TO SUPPORT THE REINFORCING, BUT NOT GREATER THAN 3'-0" O.C. EACH WAY. AT RAISED FLOORS USE METAL CHAIRS.
   - (C) PROVIDE A 90 DEGREE HOOK ON ALL TOP REINFORCING IN ALL BEAMS AT DISCONTINUOUS ENDS AND LAP SPLICE 30 BAR DIAMETERS AT MID-SPAN.
   - (D) CONTINUOUS BOTTOM BARS SHOULD BE LAP SPLICED 6" AT CENTER OF SUPPORT.
   - (E) LAP ALL WELDED WIRE FABRIC ONE WIRE SPACING PLUS 6 INCHES.
   - (F) COLUMN VERTICAL REINFORCING SHALL HAVE STANDARD HOOKS AT THE TOP OF THE UPPERMOST SECTION OF EACH COLUMN.
   - (G) PROVIDE CORNER BARS AT EACH OUTSIDE CORNER FOR EACH HORIZONTAL BAR IN WALLS AND BEAMS. HOOK INSIDE BAR IN WALLS AT ENDS.
   - (H) PLACEMENT OF SLEEVES, HOLES, OR OPENINGS THROUGH BEAMS, FOOTINGS, PILE CAPS, SLABS, ETC. IS NOT PERMITTED WITHOUT ENGINEER OF RECORD'S APPROVAL
   - (I) WHERE POSSIBLE, EXISTING REINFORCEMENT SHALL NOT BE CUT, BENT, OR DAMAGED. WHENEVER REINFORCEMENT IS CUT, DAMAGED OR BENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD. REINFORCEMENT SHALL BE REPAIRED OR REPLACED AS DIRECTED.
8. SPLICES:

   REINFORCEMENT STEEL SPLICES SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) REINFORCING BARS SHALL BE SPLICED WITH CLASS "B" LAP SPLICES.
   - (B) PROVIDE REQUIRED LAP LENGTHS FOR CORNER BARS, TEMPERATURE BARS IN SLAB, INTERMEDIATE HORIZONTAL BARS IN WALLS AND BEAMS, ETC.
9. EXPANSION JOINTS AND JOINT SEALERS:

   EXPANSION JOINTS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   - (A) EXPANSION JOINT MATERIAL SHALL BE 1/2" THICK SEAL-TIGHT ASPHALT EXPANSION JOINT FILLER OR APPROVED EQUAL.
   - (B) EXPANSION JOINTS SHALL SEPARATE PAVING FROM FOUNDATION GRADE BEAMS, FOOTINGS, ETC. AS SHOWN ON DRAWINGS.

CONCRETE NOTES (CONT.):

10. EMBEDMENTS:

    CONDUITS, PIPES, ETC. EMBEDDED IN CONCRETE SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

    - (A) CONTRACTOR SHALL SUBMIT FOR APPROVAL A DIAGRAM DEPICTING ALL CONDUITS, PIPES, OR SLEEVES EMBEDDED IN CONCRETE.
    - (B) CONTRACTOR SHALL FOLLOW ALL REGULATIONS OUTLINED IN THE APPLICABLE ACI CODES FOR EMBEDDING CONDUITS, PIPES, ETC.
    - (C) CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH THE ENGINEER OF RECORD'S APPROVAL.
    - (D) IT WILL NOT BE PERMITTED TO CUT, BEND, OR DISPLACE THE REINFORCING STEEL FROM ITS PROPER LOCATION TO INSTALL CONDUITS, PIPES, ETC. WITHOUT THE ENGINEER OF RECORD'S APPROVAL.
    - (E) CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB, BEAM, OR WALL SHALL NOT SIGNIFICANTLY IMPAIR THE STRENGTH OF CONSTRUCTION.
    - (F) OUTSIDE DIMENSIONS FOR SINGLE CONDUITS AND PIPES OR INTERSECTING CONDUITS AND PIPES SHALL NOT OCCUPY MORE THAN AN 1/3 THE OVERALL THICKNESS OF SLAB, BEAM, OR WALL IN WHICH THEY ARE EMBEDDED. ANY CONDUIT OR PIPE LARGER SHALL BE LOCATED BELOW THE RESPECTIVE SLAB OR BEAM.
    - (G) CONDUITS, PIPES, ETC. SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
11. DRILLING HOLES OR CORING HOLES IN EXISTING CONCRETE:

    DRILLING OR CORING HOLES IN EXISTING CONCRETE SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

    - (A) PRIOR TO DRILLING OR CORING HOLES, THE CONTRACTOR SHALL LOCATE ALL EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC. THROUGH NON-DESTRUCTIVE TESTING SUCH AS WITH AN X-RAY, RADAR, ETC.
    - (B) CONTRACTOR SHALL MARK THE LOCATION OF ALL REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, AND OTHER EXISTING INTERFERENCES ON THE SURFACE OF THE CONCRETE.
    - (C) CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ALL CONFLICTS BETWEEN NEW HOLES AND EXISTING REINFORCING, POST-TENSIONING, CONDUIT, PIPING, ETC.
    - (D) CONTRACTOR SHALL DRILL SMALL PILOT HOLES AT NEW HOLE LOCATIONS TO VERIFY NO CONFLICTS EXIST. IF NO CONFLICTS EXIST, COMPLETE THE INSTALLATION. IN THE CASE OF STEEL TO BE FASTENED TO THE EXISTING CONCRETE WITH MULTIPLE ANCHORS, FABRICATE FROM A FIELD TEMPLATE, THE STEEL TO BE FASTENED TO THE CONCRETE BY THE ANCHORS AND COMPLETE THE INSTALLATION.
    - (E) CONTRACTOR SHALL EXERCISE CARE WHEN INSTALLING NEW HOLES TO PREVENT "NICKING" OR CUTTING EXISTING REINFORCING STEEL, POST-TENSIONING, CONDUIT, PIPING, ETC.
12. QUALITY CONTROL TESTING DURING CONSTRUCTION
    - (A) GENERAL: EMPLOY A TESTING AGENCY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS.
    - (B) SAMPLING AND TESTING FOR QUALITY CONTROL DURING CONCRETE PLACEMENT SHALL INCLUDE THE FOLLOWING, AS DIRECTED BY ARCHITECT.
      1. SAMPLING FRESH CONCRETE: ASTM C 172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH ASTM C 94
      2. SLUMP: ASTM C 143; ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR OF EACH TYPE OF CONCRETE, ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED.
      3. AIR CONTENT: ASTM C 173, VOLUMETRIC METHOD FOR LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE; ASTM C 231, PRESSURE METHOD FOR NORMAL WEIGHT CONCRETE; ONE FOR EACH DAY'S POUR OF EACH TYPE OF AIR-ENTRAINED CONCRETE.
      4. CONCRETE TEMPERATURE: ASTM C 1064; ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F (4 DEG C) AND BELOW, WHEN 80 DEG F (27 DEG C) AND ABOVE, AND ONE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS.
      5. COMPRESSION TEST SPECIMEN: ASTM C 31, ONE SET OF FOUR STANDARD CYLINDERS FOR EACH COMPRESSIVE-STRENGTH TEST, UNLESS OTHERWISE DIRECTED. MOLD AND STORE CYLINDERS FOR LABORATORY-CURED TEST SPECIMENS EXCEPT WHEN FIELD-CURED TEST SPECIMENS ARE REQUIRED.
      6. COMPRESSIVE-STRENGTH TESTS: ASTM C 39; ONE SET FOR EACH DAY'S POUR EXCEEDING 5 CU. YD. PLUS ADDITIONAL SETS FOR EACH 50 CU. YD MORE THAN THE FIRST 25 CU. YD. OF EACH CONCRETE CLASS PLACED IN ANY ONE DAY; ONE SPECIMEN TESTED 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS, AND ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
    - (C) WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN FIVE STRENGTH TESTS FOR A GIVEN CLASS OF CONCRETE, CONDUCT TESTING FROM AT LEAST FIVE RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN FIVE ARE USED.
    - (D) TEST RESULTS WILL BE REPORTED IN WRITING TO ARCHITECT, STRUCTURAL ENGINEER, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TEST.
    - (E) NONDESTRUCTIVE TESTING: IMPACT HAMMER, SONOSCOPE, OR OTHER NONDESTRUCTIVE DEVICE MAY BE PERMITTED BY SHALL NOT BE USED AS THE SOLE BASIS FOR ACCEPTANCE OR REJECTION.
    - (F) ADDITIONAL TEST: THE TESTING AGENCY WILL MAKE ADDITIONAL TESTS OF IN-PLACE CONCRETE WHEN TEST RESULTS INDICATE SPECIFIED CONCRETE STRENGTHS AND OTHER CHARACTERISTICS HAVE NOT BEEN ATTAINED IN THE STRUCTURE, AS DIRECTED BY ARCHITECT. TESTING AGENCY MAY CONDUCT TESTS TO DETERMINE ADEQUACY OF CONCRETE BY CORED CYLINDERS COMPLYING WITH ASTM C 42, OR BY OTHER METHODS AS DIRECTED.

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THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

YWCA Facility
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

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Title
GENERAL NOTES

Sheet
S1.0A

CONCRETE MASONRY UNIT (CMU) NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) TMS "BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES"

   (B) ASTM STANDARDS FOR THE MATERIALS LISTED.

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) HOLLOW CORE CONCRETE MASONRY UNITS SHALL MEET ASTM C90, LIGHTWEIGHT, TYPE 1, AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI ON THE NET AREA FOR INDIVIDUAL UNITS.

   (B) CMU MORTAR SHALL MEET ASTM C270, TYPE "M" OR "S" AND HAVE A MINIMUM COMPRESSIVE CUBE STRENGTH OF 1,800 PSI AT 28 DAYS.

   (C) CMU GROUT (POURED OR PUMPED) SHALL MEET ASTM C476 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

   (D) REINFORCED MASONRY WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

   (E) STEEL REINFORCING BARS SHALL MEET ASTM A615 GRADE 60.

   (F) JOINT REINFORCING SHALL MEET ASTM A82.

3. REINFORCEMENT:

   REINFORCEMENT SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) REINFORCEMENT SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS SPACED AT INTERVALS NOT EXCEEDING 192 REINFORCING BAR DIAMETERS FOR 10 FEET. ADDITIONAL POSITIONERS SHALL BE PLACED AT ALL REINFORCING BAR SPLICES.

   (B) PROVIDE HORIZONTAL BOND BEAMS AT THE TOP OF ALL WALLS AND AT ROOF. BOND BEAMS SHALL BE REINFORCED AS FOLLOWS:

   WALL WIDTH: 8"

   REINFORCING: 2 – #5

   (C) CONCRETE MASONRY WALLS SHALL HAVE 2 – NO. 9 WIRE GALVANIZED HORIZONTAL JOINT REINFORCEMENT EVERY OTHER COURSE, IN ADDITION TO HORIZONTAL BOND BEAM REINFORCEMENT. TERMINATE BOND BEAM AND HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.

   (D) REINFORCE MASONRY AT BEARING POINTS OF ALL BEAMS, LINTELS, ETC. WITH 1 – #6 (CONTINUOUS TO FOUNDATION) IN EACH BLOCK CORE BENEATH BEARING PLATES.

   (E) PROVIDE DOWELS FOR CMU WALL CONNECTION TO CONCRETE BEAMS, SLABS, AND FOOTINGS. LAP DOWELS 2'–0" (MIN.) WITH VERTICAL BARS.

   (F) REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING.

4. GROUTING

   (A) CMU TO BE LAID IN RUNNING BOND PATTERN

   (B) GROUT PLACEMENT SHALL CONFORM TO APPLICABLE DESIGN STANDARDS; HOWEVER, THE MAXIMUM GROUT POUR HEIGHT SHALL NOT EXCEED 8 FEET AND THE MAXIMUM HEIGHT WHICH GROUT IS PLACED IN ONE CONTINUOUS OPERATION (GROUT LIFT) SHALL NOT EXCEED 4 FEET. THERE SHALL BE A MINIMUM OF 1 HOUR SETTING TIME BETWEEN EACH GROUT LIFT.

   (C) CLEANOUTS SHALL BE CONSTRUCTED ADJACENT TO EACH VERTICAL BAR IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR HEIGHT THAT EXCEEDS 5 FEET. CONSTRUCT CLEANOUTS WITH AN OPENING OF SUFFICIENT SIZE TO PERMIT REMOVAL OF DEBRIS, BUT NO LESS THAN 3 IN. DIMENSION. AFTER CLEANING, CLOSE CLEANOUTS WITH CLOSURES BRACED TO RESIST GROUT PRESSURE. ALL CLEANOUTS SHALL BE LOCATED ON WALL FACE NOT EXPOSED TO VIEW.

   (D) THE TOP OF EACH GROUT POUR SHALL BE 1" BELOW THE BED JOINT.

5. SHORING

   (A) SHORE ALL MASONRY LINTELS UNTIL MASONRY AND GROUT HAVE BEEN ALLOWED TO SET FOR A MINIMUM OF 7 DAYS.

   (B) CONTRACTOR SHALL DESIGN, FABRICATE AND INSTALL BRACING THAT WILL ASSURE THE STABILITY OF THE MASONRY DURING CONSTRUCTION.

STRUCTURAL STEEL NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING, AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) AISC – STEEL CONSTRUCTION MANUAL (SCM)

   (B) AISC – SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS

   (C) AISC – CODE OF STANDARD PRACTICE FOR BUILDINGS AND BRIDGES

   (D) AISC/RCSC – SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS

   (E) ASTM STANDARDS FOR THE MATERIALS LISTED

   (F) AISI STANDARDS FOR THE MATERIALS LISTED

   (G) AWS D1.1 – STRUCTURAL WELDING CODE – STEEL

   (H) SSPC MANUAL OF GOOD PAINTING PRACTICE

   (I) SSPC MANUAL OF SYSTEMS AND SPECIFICATIONS

   (J) STRUCTURAL STEEL FABRICATOR SHALL PARTICIPATE IN THE AISC FABRICATOR CERTIFICATION PROGRAM AND BE CERTIFIED BY AISC FOR – STANDARD BUILDING STRUCTURES (STD).

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) STRUCTURAL STEEL W AND T SHAPES SHALL MEET ASTM A992.

   (B) OTHER STRUCTURAL STEEL ROLLED SHAPES, BARS, AND FLAT PLATES SHALL MEET ASTM A36.

   (C) STRUCTURAL STEEL PIPE SHAPES SHALL MEET ASTM A53 GRADE B

   (D) ROUND HSS SHAPES SHALL MEET ASTM A500 GRADE C.

   (E) RECTANGULAR AND SQUARE HSS SHAPES SHALL MEET ASTM A500 GRADE C.

   (F) MACHINE BOLTS SHALL MEET ASTM A307.

   (G) HIGH STRENGTH BOLTS SHALL MEET ASTM F3125 GRADE A325 TYPE I.

   (H) HEAVY HEX NUTS SHALL MEET ASTM A563.

   (I) FLAT CIRCULAR, SQUARE, OR RECTANGULAR BEVELED WASHERS SHALL MEET ASTM F436.

   (J) MECHANICAL DIRECT TENSION INDICATORS SHALL MEET ASTM F959, AS SUPPLIED BY APPLIED BOLTING TECHNOLOGY, INC. OR APPROVED EQUAL

   (K) WELDING ELECTRODES SHALL MEET AWS A5.1 E–7018.

STRUCTURAL STEEL NOTES (CONT.):

3. INSPECTION AND TESTING:

   INSPECTION AND TESTING SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) BOLTED STRUCTURAL JOINTS SHALL BE INSPECTED AS REQUIRED BY AISC/RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" SECTION 9.

   (B) WELDING SHALL BE INSPECTED BY AWS CERTIFIED WELDING INSPECTORS.

   (C) PRIOR TO GALVANIZING OR PAINTING, ALL WELDING SHALL BE VISUALLY INSPECTED AND SHALL MEET THE ACCEPTANCE CRITERIA LISTED IN AWS D1.1 TABLE 6.1 FOR STATICALLY LOADED CONNECTIONS.

4. ANCHOR RODS:

   ANCHOR RODS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) ANCHOR RODS SHALL MEET ASTM F1554 GRADE 36, S1 (WELDABLE SPECIFICATION)

   (B) ANCHOR RODS SHALL BE UNIFIED COARSE THREAD SERIES AND MEET ANSI B1.1 CLASS 2A.

   (C) ANCHOR RODS SHALL BE HOOKED OR HEADED AT THE UNTHREADED END AND NOT MODIFIED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (D) HEAVY HEX NUTS SHALL MEET ASTM A563.

   (E) FLAT CIRCULAR, SQUARE, OR RECTANGULAR BEVELED WASHERS SHALL MEET ASTM F436.

   (F) ANCHOR RODS SHALL BE GALVANIZED.

   (G) ANCHOR ROD THREADS SHALL BE CHASED AFTER GALVANIZING.

   (H) UNLESS TORQUE VALUES ARE SPECIFIED ON THE DESIGN DRAWINGS, ANCHOR RODS SHALL BE SNUG TIGHTENED.

   (I) EPOXY SET ANCHOR RODS SHALL BE INSTALLED USING HILTI HIT–HY 200 (MAX.) SYSTEM OR APPROVED EQUAL IN CONCRETE OR CONCRETE MASONRY UNIT WALLS (GROUT FILLED CELLS).

   (J) EPOXY SET ANCHOR RODS SHALL BE INSTALLED USING HILTI HIT–HY 270 (MAX.) SYSTEM OR APPROVED EQUAL IN MASONRY WALLS.

   (K) EXPANSION ANCHOR RODS SHALL BE HILTI KWIK BOLT 3 AS MANUFACTURED BY HILTI INC. OF HOUSTON, TEXAS OR APPROVED EQUAL.

5. CONNECTIONS:

   CONNECTIONS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) SHOP CONNECTIONS SHALL BE WELDED. FIELD WELDS SHALL BE MADE WITH E–70XX ELECTRODES. ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.

   (B) SPLICES IN STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (C) OPENINGS IN STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.

   (D) BEAMS AND DIAGONAL BRACING SHALL NOT BE RELEASED FROM THE HOIST CABLE UNTIL THE MEMBER IS SECURED BY A MINIMUM OF TWO BOLTS PER END.

   (E) BOLT HOLES IN STRUCTURAL STEEL SHALL BE DRILLED OR PUNCHED IN THE SHOP. ANY FIELD HOLES SHALL BE MECHANICALLY DRILLED OR PUNCHED, AND NO BURNING OF HOLES SHALL BE ALLOWED.

   (F) FIELD CONNECTIONS FOR MAIN STRUCTURAL ELEMENTS SHALL BE MADE WITH HIGH STRENGTH BOLTS.

   (G) FIELD CONNECTIONS FOR PURLINS, GIRTS, STAIRS, LADDERS, AND HANDRAILS SHALL BE MADE WITH MACHINE BOLTS.

   (H) HIGH STRENGTH BOLTS SHALL MEET ASTM A325–X (THREADS EXCLUDED FROM SHEAR PLANE).

   (I) BOLTS SHALL BE 3/4" DIAMETER.

   (J) BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER.

   (K) MINIMUM FILLET WELD SIZE SHALL BE THE GREATER OF 3/16" OR THE REQUIRED SIZE BY AISC SCM SECTION J2.

   (L) FILLET WELDS SHALL BE MADE USING ONLY E–70XX ELECTRODES.

   (M) GUSSET PLATES SHALL BE 3/8".

   (N) STIFFENER PLATES SHALL BE 3/8".

   (O) WELDS SHALL DEVELOP THE FULL STRENGTH FROM THE LESSER OF THE MEMBERS IT JOINS. ALL BUTT, GROOVE, OR BEVEL WELDS SHALL BE COMPLETE FULL PENETRATION.

   (P) SIMPLE BEAM CONNECTIONS (S.B.C.) SHALL BE CAPABLE OF SUPPORTING THE REACTIONS (ONE HALF THE TOTAL LOAD LISTED) OBTAINED FROM AISC SCM TABLES 3–6 THROUGH 3–9.

   (Q) MOMENT CONNECTIONS (M.C.) SHALL BE CAPABLE OF SUPPORTING ONE HALF THE FULL BEAM FLEXURAL STRENGTH.

   (R) BRACING CONNECTIONS (B.C.) SHALL BE CAPABLE OF DEVELOPING THE FULL BRACING MEMBER TENSION STRENGTH. WHEN NOTED, BRACING CONNECTIONS (B.C.) SHALL BE CAPABLE OF DEVELOPING THE COMPRESSION (–) OR TENSION (+) SHOWN ON THE DRAWING.

   (S) THE MAXIMUM ALLOWABLE NUMBER OF BOLT ROWS SHALL BE PROVIDED FOR EACH BEAM DEPTH IN ACCORDANCE WITH AISC SCM PART 10.

   (T) BOLTED CONNECTIONS SHALL BE MADE WITH A MINIMUM OF TWO BOLTS.

   (U) DOUBLE ANGLE BRACING SHALL BE PROVIDED WITH FILLER PLATES AND CONNECTORS AS REQUIRED BY AISC SCM SECTION E6.

   (V) WHENEVER POSSIBLE, GUSSET PLATES FOR VERTICAL DIAGONAL BRACING SHALL CONNECT TO BOTH THE BEAM AND COLUMN.

   (W) TUBULAR MEMBERS SHALL HAVE A CLOSURE PLATE 1/4" SEAL WELDED AT ALL OPEN ENDS.

   (X) (1) HIGH STRENGTH BOLT ASSEMBLY SHALL CONSIST OF A HEAVY HEX HEAD STRUCTURAL BOLT, A HEAVY HEX NUT, ONE OR TWO FLAT WASHERS, AND A MECHANICAL DIRECT TENSION INDICATOR (SEE DETAIL _____ DRAWING).

6. COATINGS:

   COATINGS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) STRUCTURAL STEEL SURFACES SHALL BE PREPARED IN ACCORDANCE WITH SSPC–SP3 POWER TOOL.

   (B) STRUCTURAL STEEL SHALL BE SHIPPED WITH ONE COAT OF SHOP PRIMER EXCEPT FOR GALVANIZED STEEL OR IN AREAS WITH FIREPROOFING.

   (C) STRUCTURAL STEEL, BOLTING MATERIALS, AND MISCELLANEOUS HARDWARE SPECIFIED AS GALVANIZED SHALL BE CLEANED AND HOT–DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM SPECIFICATIONS A123, A143, A153, A384, A386, B695, OR F–2329, WHICHEVER IS APPLICABLE.

   (D) FIELD CHANGES OR REPAIRS OF GALVANIZED MATERIAL SHALL BE DONE BY MEANS OF SURFACE TOLERANT EPOXY COATING, (2) COATS OF INTERSEAL 670HS AS MANUFACTURED BY INTERNATIONAL PAINT LTD OR APPROVED EQUAL.

STEEL JOISTS NOTES:

1. STEEL JOISTS AND ACCESSORIES (INCLUDING BRIDGING) SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE MANUFACTURER'S AND STEEL JOIST INSTITUTE'S (SJI) LATEST SPECIFICATIONS AND REQUIREMENTS.
2. THE JOIST MANUFACTURER SHALL CONFIRM THAT ALL ROOF JOISTS CAN SAFELY WITHSTAND NET UPLIFT PRESSURE AS INDICATED IN THE DESIGN CRITERIA UNDER COMPONENTS AND CLADDING DESIGN PRESSURES. BRIDGING SHALL BE SPECIFIED AND PLACED AS REQUIRED FOR LATERAL SUPPORT OF THE BOTTOM CHORDS. THE BRIDGING REQUIREMENTS AS WELL AS ANY ADDITIONAL BRACING OR INCREASE IN MEMBER SIZE FOR THIS LOADING SHALL BE DETERMINED AND PROVIDED BY THE JOIST MANUFACTURER.
3. STRUT JOISTS (S.J.) ARE NOTED ON THE PLANS AND SHALL HAVE BOTTOM CHORD MEMBERS THAT ARE THE SAME AS TOP CHORD MEMBERS. DO NOT CONNECT BOTTOM CHORDS TO BEAMS OR COLUMNS UNTIL FLOOR AND ROOF LOADS ARE IN PLACE ON THE JOIST.
4. ITEMS IMPOSING CONCENTRATED LOADS ON JOISTS SHALL BE PLACED AT JOIST PANEL POINTS. WHERE ITEMS ARE NOT AT JOIST PANEL POINTS, THE JOIST SHALL BE REINFORCED TO DISTRIBUTE THE LOAD TO THE PANEL POINTS.
5. WHERE JOISTS CHANGE DIRECTION, INSTALL 2 1/2" x 2 1/2" x 3/16" TUBE ON BEAMS TO SUPPORT THE STEEL DECK.

METAL FLOOR DECK NOTES:

UNLESS NOTED OTHERWISE, METAL FLOOR DECK SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION.

1. DECKS SHALL MATCH TYPE AND DIRECTION SHOWN ON DRAWINGS.
2. CONTRACTOR SHALL ATTACH DECK TO STEEL STRUCTURAL SUPPORTS WITH HILTI X–ENP–19 FASTENERS. CONTRACTOR SHALL ATTACH DECK TO STEEL BAR JOISTS SUPPORTS WITH HILTI X–HSN 24 FASTENERS.
3. CONTRACTOR SHALL ATTACH TO SUPPORTS USING PATTERNS LISTED BELOW.
   1) INTERMEDIATE: 36/4
   2) END/END LAPS: 36/4
   3) PERIMETER: 12" ON CENTER MAX
   4) SIDELAPS: 36" ON CENTER MAX
4. CONTRACTOR SHALL PROVIDE STEEL ANGLE OR STEEL BENT PLATE ATTACHED TO TOP OF SUPPORT BEAMS ON ALL SIDES OF OPENING THROUGH ELEVATED FLOORS AS SHOWN ON DRAWINGS.
5. CONTRACTOR SHALL PROVIDE POUR STOPS OF LENGTH, DEPTH, AND GAUGE APPROPRIATE FOR OVERHANG AND SLAB DEPTH.
6. CONTRACTOR SHALL SUPPORT FLOOR DECK AROUND ALL OPENINGS AND COLUMNS.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ANY FLOOR DECK OPENINGS LARGER THAN 12 INCHES WHICH ARE NOT SHOWN ON THE DRAWINGS.
8. CONTRACTOR SHALL TOUCH UP IMPERFECTIONS WITH GALVANIZED REPAIR PAINT BEFORE PLACING CONCRETE FLOOR SLABS.

METAL ROOF DECK NOTES:

UNLESS NOTED OTHERWISE, METAL ROOF DECK SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION.

1. DECKS SHALL MATCH TYPE AND DIRECTION SHOWN ON DRAWINGS.
2. CONTRACTOR SHALL ATTACH DECK TO STEEL STRUCTURAL SUPPORTS WITH HILTI X–ENP–19 FASTENERS OR APPROVED EQUAL. CONTRACTOR SHALL ATTACH DECK TO STEEL BAR JOISTS SUPPORTS AND LIGHT–GAUGE STEEL SUPPORTS WITH HILTI X–HSN 24 FASTENERS OR APPROVED EQUAL.
3. CONTRACTOR SHALL ATTACH TO SUPPORTS USING PATTERNS LISTED BELOW.
   (A) INTERMEDIATE: 24/4
   (B) END/END LAPS: 24/4
   (C) PERIMETER: 12" ON CENTER MAX
   (D) SIDELAPS: 36" ON CENTER MAX
4. ROOF DECK AND ITS FASTENINGS TO ITS SUPPORTED FRAMING SHALL BE DESIGNED (AS A MINIMUM) FOR A NET UPLIFT PRESSURE APPLIED TO THE HORIZONTAL PROJECTED ROOF AREA AS INDICATED IN THE COMPONENTS AND CLADDING DESIGN PRESSURES (LISTED IN THE DESIGN INFORMATION SECTION). THE MANUFACTURER SHALL SUBMIT A NOTARIZED AFFIDAVIT STATING FULL DESIGN COMPLIANCE WITH THE UPLIFT CRITERIA.
5. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR ANY FLOOR DECK OPENINGS LARGER THAN 12 INCHES WHICH ARE NOT SHOWN ON THE DRAWINGS.
6. ROOF DECK SHALL BE SUPPORTED AROUND ALL OPENINGS, PENETRATIONS, HIPS, AND VALLEYS.
7. PROVIDE HSS 3 1/2 x 2 1/2 x 3/16" AT CENTERLINE OF BEAM TOP FLANGE BETWEEN JOISTS FOR SUPPORT OF DECK WHERE DECK CHANGES DIRECTION.

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ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

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COLD FORMED METAL FRAMING NOTES:

1. APPLICABLE CODES OR STANDARDS:

   ALL DESIGN, FABRICATION, TESTING AND ERECTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

   (A) AISI – NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS

   (B) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING – GENERAL PROVISIONS

   (C) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING – PRODUCT STANDARD

   (D) AISI – CODE OF STANDARD PRACTICE FOR COLD-FORMED STEEL STRUCTURAL FRAMING

   (E) AISI – NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL STRUCTURAL FRAMING

   (F) ASTM STANDARDS FOR THE MATERIALS LISTED

   (G) AWS D1.3 – STRUCTURAL WELDING CODE – SHEET STEEL

2. MATERIALS:

   MATERIALS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) COLD-FORMED METAL JOISTS, STUDS, AND TRACKS FORMED WITH 20 OR 18 GAGE MATERIAL SHALL CONFORM TO ASTM REQUIREMENTS WITH A YIELD STRENGTH FY = 33 KSI.

   (B) COLD-FORMED METAL JOISTS, STUDS, AND TRACKS FORMED WITH 16, 14, OR 12 GAGE MATERIAL SHALL CONFORM TO ASTM REQUIREMENTS WITH A YIELD STRENGTH FY = 50 KSI.

3. CONNECTIONS:

   CONNECTIONS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) COLD FORMED ELEMENTS SHALL BE CONNECTED WITH #12 STEEL SCREWS.

   (B) SCREWS USED SHALL HAVE THE FOLLOWING MINIMUM DIAMETERS MEASURED OUT TO OUT OF THREADS: #8 – 0.164", #10 – 0.190", #12 – 0.216".

4. COLD FORMED DESIGNATION:

   (A) COLD FORMED METAL MEMBERS ARE CALLED OUT SIMILAR TO THE FOLLOWING DESIGNATION: 600 S 162 – 43. THIS REPRESENTS A 6" DEEP, 1 5/8" FLANGE, 18 GAGE "C" – SHAPED MEMBER.

5. OPENINGS:

   OPENINGS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE):

   (A) HEADER MEMBERS SHALL BE CONSTRUCTED WITH NON-PUNCHED MEMBERS.

   (B) OPENINGS IN EXTERIOR WALLS OR INTERIOR LOAD BEARING WALLS SHALL HAVE HEADERS AS SHOWN ON THE PLANS OR AS FOLLOWS:

OPENING DIMENSION	REQUIRED HEADER MEMBERS
LESS THAN 4'–0"	2 – 600S162–43
4'–1" TO 6'–0"	2 – 1000S162–43
6'–1" TO 8'–0"	2 – 1200S162–43
8'–1" TO 12'–0"	3 – 1200S162–43
12'–1" TO 16'–0"	3 – 1200S162–68
GREATER THAN 16'–1"	SEE PLAN OR CONSULT WITH ENGINEER OF RECORD

   (C) OPENINGS IN EXTERIOR WALLS SHALL BE FRAMED AS SHOWN IN THE TYPICAL DETAILS.

6. PRE-ENGINEERED COLD-FORMED METAL TRUSSES:

   (A) TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE AISI SPECIFICATIONS.

   (B) THE DESIGN, CONFIGURATION, LAYOUT, SPACING, ETC. OF ALL TRUSSES SHALL BE COORDINATED BY THE CONTRACTOR AND TRUSS MANUFACTURER WITH THE MECHANICAL EQUIPMENT, DUCTWORK, AND ARCHITECTURAL DRAWINGS.

   (C) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE TRUSSES FOR REVIEW BY THE ENGINEER OF RECORD. THE SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER.

   (D) EVERY TRUSS MEMBER SHALL BE SIZED AND BRACED SO THAT THE RATIOS OF ITS LENGTH TO ITS DEPTH AND ITS THICKNESS (L/D) ARE LESS THAN 50. MANY OF THE CEILINGS WILL NOT BE RIGIDLY ATTACHED TO THE TRUSS BOTTOM CHORDS. WHERE THIS OCCURS LATERAL BRACING MUST BE DESIGNED AND INSTALLED ON THE BOTTOM CHORDS TO MEET THE LESS THAN 50 L/D RATIO.

   (E) ATTACH TRUSSES TO SUPPORTS WITH SPECIFIED GALVANIZED METAL CONNECTORS.

   (F) IF SHEET METAL CONNECTIONS ARE USED, THE CONNECTORS AT EVERY JOINT SHALL BE SIZED FOR TWICE THE CALCULATED LOADS AT THE JOINT.

DESIGN INFORMATION:

1. DESIGN LOADS SHALL MEET THE SPECIFICATIONS LISTED IN THIS SECTION (UNLESS NOTED OTHERWISE).

   (A) DESIGN BUILDING CODE – 2021 INTERNATIONAL BUILDING CODE (IBC)

   (B) DESIGN GRAVITY LOADS:

FIRST FLOOR	DL = 75 PSF LL = 100 PSF
FIRST FLOOR ROOF (COLUMN LINE 1 – 6)	DL = 43 PSF LL = 20 PSF
FIRST FLOOR ROOF (COLUMN LINE 12 – 14)	DL = 43 PSF LL = 70 PSF
SECOND FLOOR	DL = 43 PSF LL = 70 PSF
ROOF	DL = 15 PSF LL = 20 PSF

   (C) WIND LOADS SHALL BE IN ACCORDANCE WITH ASCE 7-16:

   MAIN WIND FORCE RESISTING SYSTEM

PARAMETER	VALUE	REFERENCE
RISK CATEGORY	II	TABLE 1.5-1
BASIC WIND SPEED	Vult. = 144 MPH Vasd. = 113 MPH	FIGURE 26.5-1B
DIRECTIONALITY	Kd = 0.85	FIGURE 26.6-1
EXPOSURE CATEGORY	B	SECTION 26.7
TOPOGRAPHIC FACTOR	Kzt = 1.0	FIGURE 26.8-1
GUST EFFECT FACTOR	0.85	SECTION 26.9
ENCLOSURE CLASSIFICATION	ENCLOSED	SECTION 26.10
INTERNAL PRESSURE COEFFICIENT	GCpi = +/-0.18	SECTION 26.11
VELOCITY	qh = 31.15 PSF	SECTION 28.3.2

COMPONENTS AND CLADDING DESIGN PRESSURES (PSF)

EWA (FT^2) \ ZONE	1 INTERIOR ROOF		2 EDGE ROOF		3 CORNER ROOF		4 INTERIOR WALL		5 EDGE WALL	
≤10	14.3	–35.3	14.3	–59.2	14.3	–89.0	35.3	–38.2	35.3	–47.2
20	13.4	–34.4	13.4	–52.9	13.4	–73.8	33.7	–36.7	33.7	–44.0
50	12.3	–33.2	12.3	–44.5	12.3	–53.5	31.6	–34.6	31.6	–39.8
100	11.4	–32.3	11.4	–38.2	11.4	–38.2	30.0	–33.0	30.0	–36.7

NOTES:
1. EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.

COMPONENTS AND CLADDING DIAGRAMS

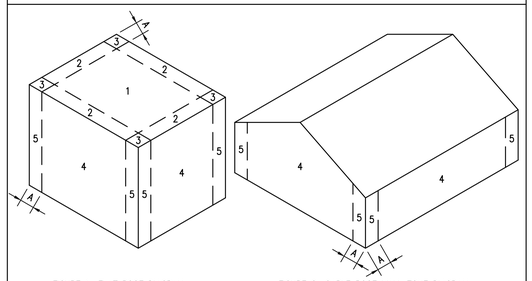

FIGURE 1: FLAT ROOF DIAGRAM

FIGURE 2: GABLE ROOF WALL ZONE DIAGRAM

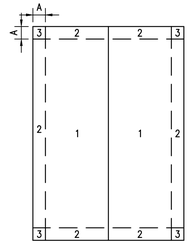

FIGURE 3: GABLE ROOFS θ ≤ 7° ZONE DIAGRAM

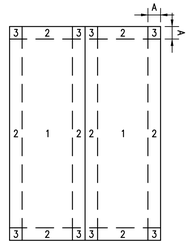

FIGURE 4: GABLE ROOFS θ > 7° ZONE DIAGRAM

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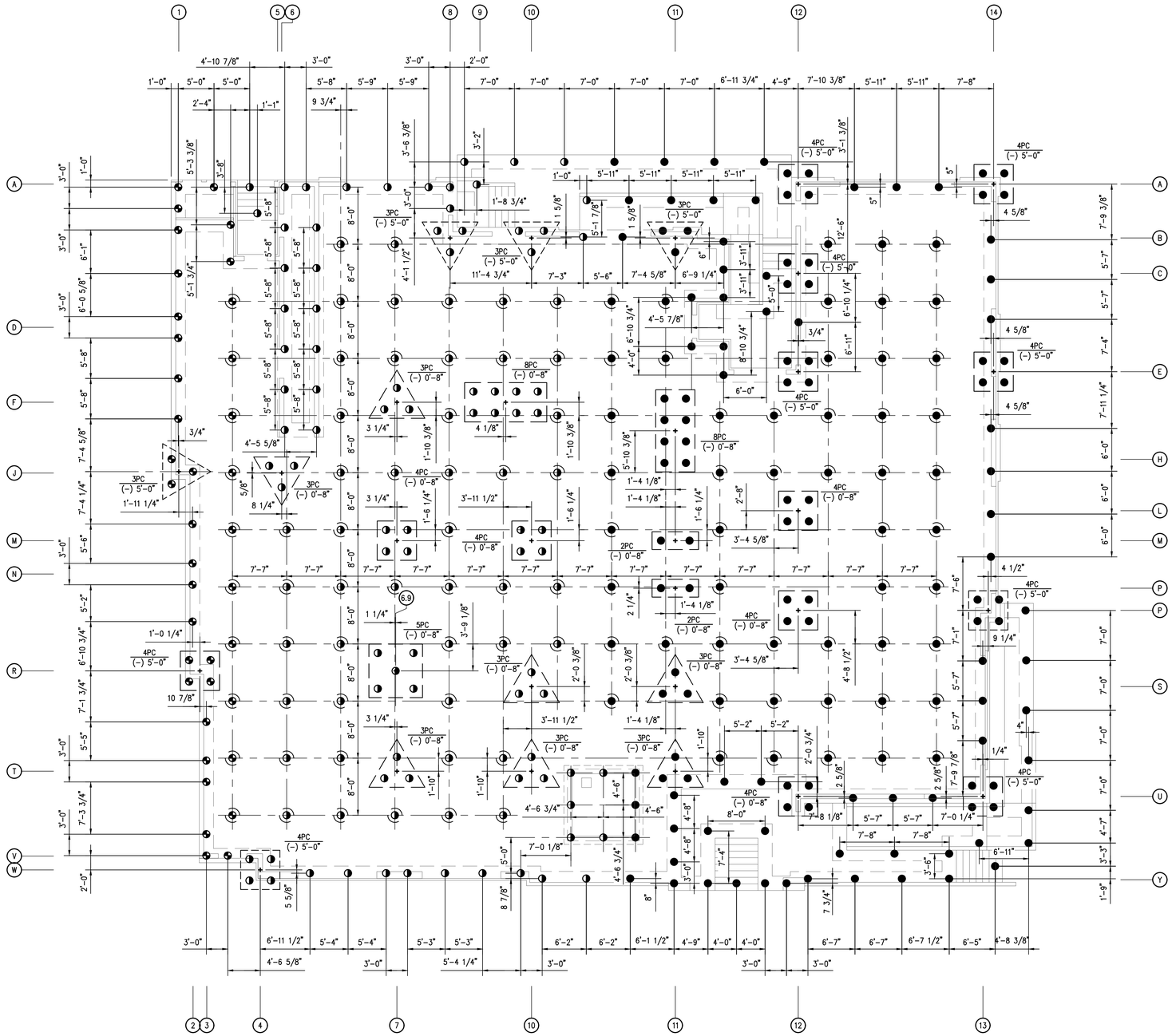

PILE PLAN

SCALE: 1/8" = 1'–0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 6" SLAB ELEVATION 0'–0" (RE: ARCH.).
3. + – SYMBOL ON PLAN INDICATES CENTER OF GRAVITY OF PILE CAP (SEE PILE CAP DETAILS DRAWING S1.9).
4. ● – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 178
5. ◑ – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE WITH A PRE–DRILLED HOLE OF 22'–0" (MAX., SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 133
6. ⊕ – SYMBOL ON PLAN INDICATES HELICAL PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 38
7. PC / T.O. PC EL. – PILE CAP DESIGNATION (SEE PLAN). – TOP OF PILE CAP ELEVATION (SEE PLAN).

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New Orleans, LA 70119
T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

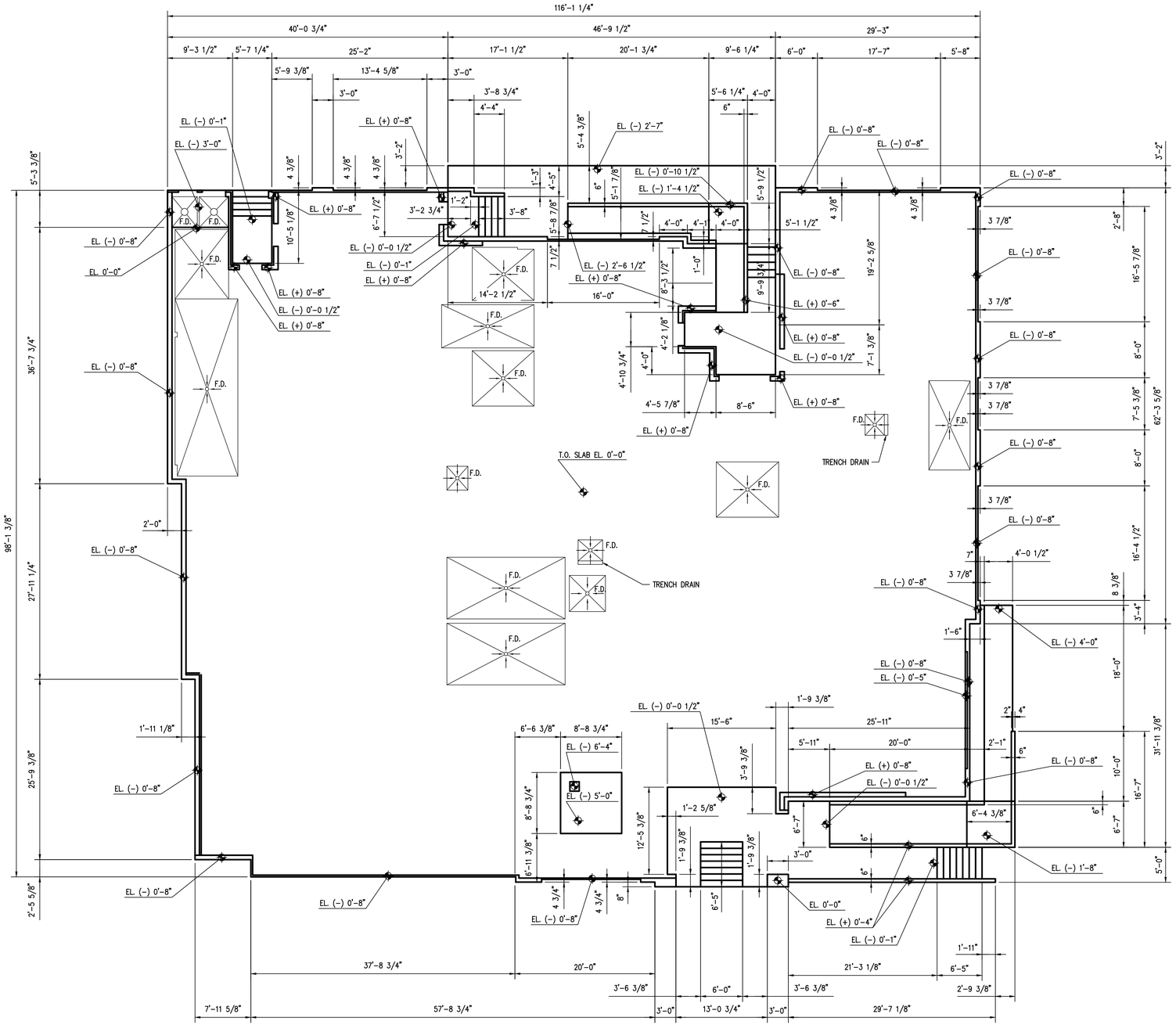
Interoffice Data

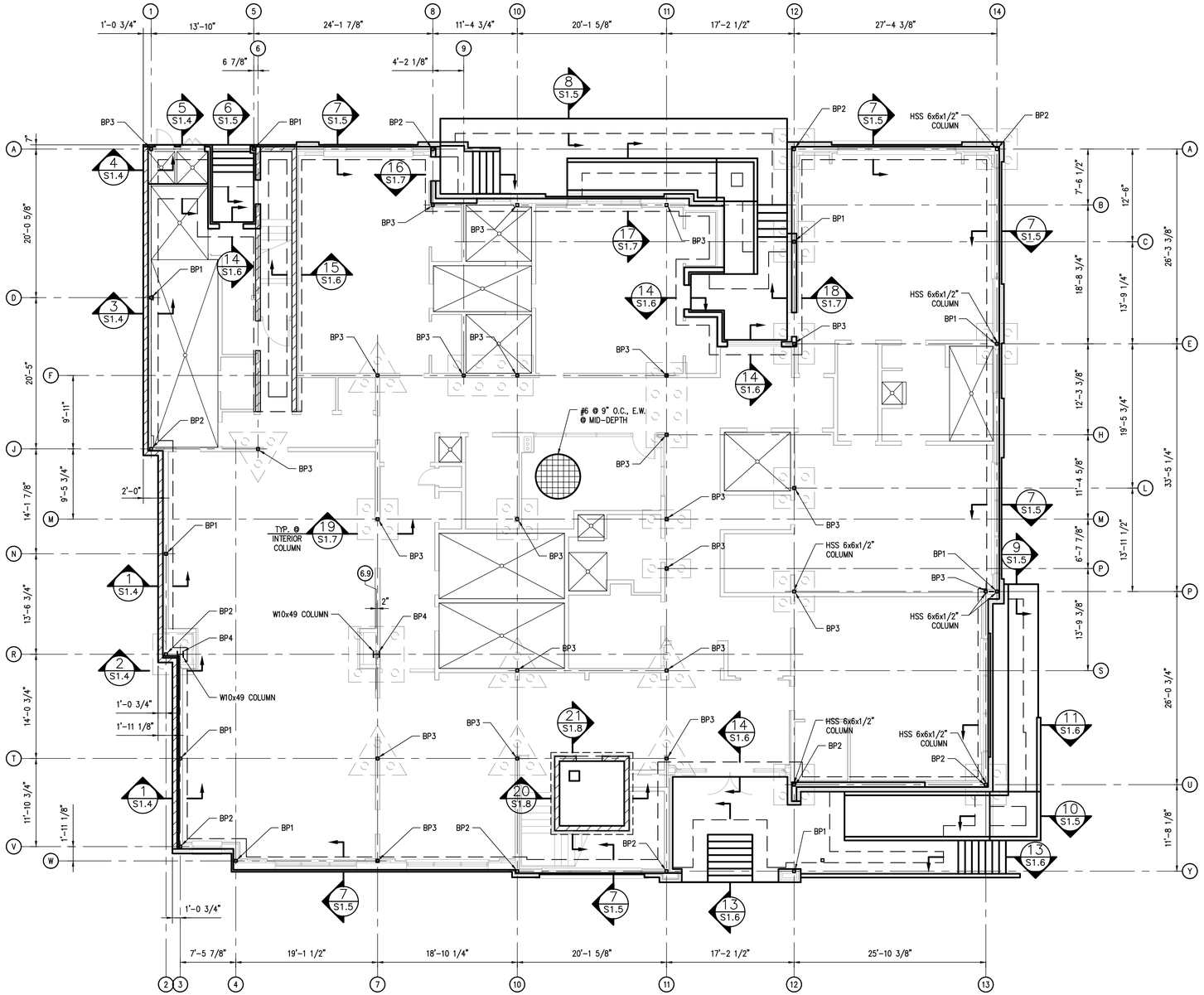
Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
PILE PLAN

Sheet
S1.1


116'-1 1/4"
40'-0 3/4"
46'-9 1/2"
29'-3"
9'-3 1/2"
5'-7 1/4"
25'-2"
17'-1 1/2"
20'-1 3/4"
9'-6 1/4"
6'-0"
17'-7"
5'-8"
5'-9 3/8"
13'-4 5/8"
3'-0"
3'-0"
3'-8 3/4"
4'-4"
5'-6 1/4"
4'-0"
6"
EL. (–) 0'-1"
EL. (–) 3'-0"
EL. (+) 0'-8"
EL. (–) 2'-7"
EL. (–) 0'-8"
EL. (–) 0'-8"
5'-3 3/8"
4 3/8"
4 3/8"
4 3/8"
3'-2"
1'-3"
4'-5"
5'-4 3/8"
EL. (–) 0'-10 1/2"
EL. (–) 1'-4 1/2"
5'-9 1/2"
3'-2"
EL. (–) 0'-8"
EL. (+) 0'-8"
10'-5 1/8"
6'-7 1/2"
3'-2 3/4"
1'-2"
3'-8"
5'-8 7/8"
6"
5'-1 7/8"
7 1/2"
4'-0"
4'-1"
4'-0"
5'-1 1/2"
4 3/8"
4 3/8"
EL. (–) 0'-8"
EL. (–) 0'-8"
EL. (–) 0'-0"
EL. (–) 0'-0 1/2"
EL. (–) 0'-1"
EL. (+) 0'-8"
EL. (–) 2'-6 1/2"
1'-0"
19'-2 5/8"
F.D.
14'-2 1/2"
16'-0"
8'-3 1/2"
9'-9 3/4"
EL. (+) 0'-8"
EL. (–) 0'-8"
EL. (+) 0'-6"
EL. (–) 0'-0 1/2"
EL. (+) 0'-8"
EL. (–) 0'-8"
EL. (–) 0'-0 1/2"
EL. (+) 0'-8"
36'-7 3/4"
F.D.
F.D.
F.D.



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 6" SLAB ELEVATION 0'-0" (RE: ARCH.).
3. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8 COLUMN (TYPICAL UNLESS NOTED OTHERWISE).
4. BP1 – SYMBOL ON PLAN INDICATES TYPE OF BASE PLATE. (SEE DETAILS S1.8).
5. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS WITH REINFORCEMENT).

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

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STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Revisions

1	GEN. REVISION	11.02.22

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

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Title

FOUNDATION PLAN

Sheet

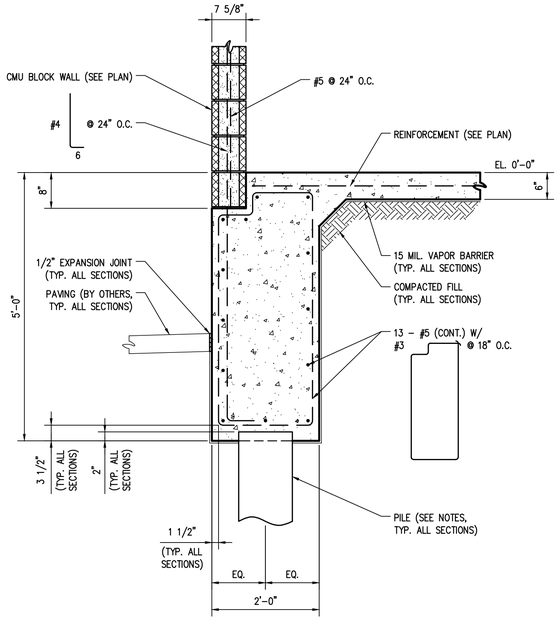
S1.3

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

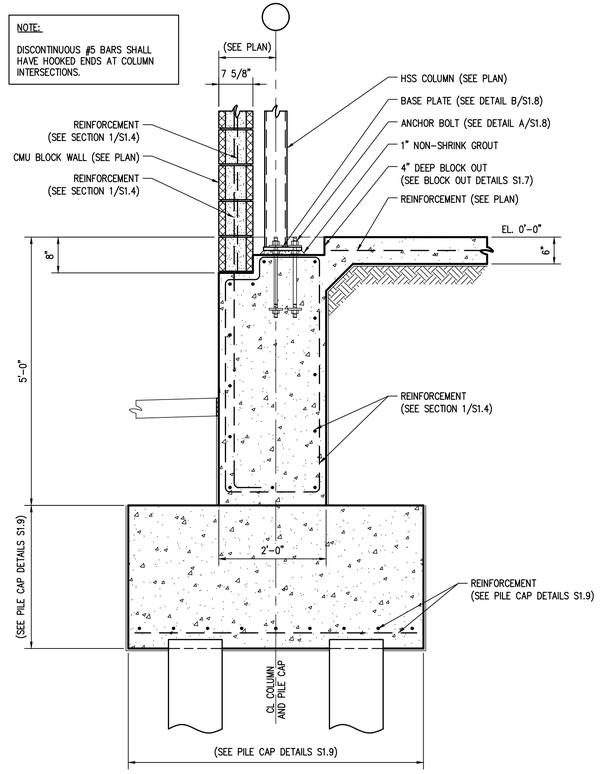
THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP — AE PROJECT #: 22202

LICENSE NUMBER: 31593



SECTION 1
SCALE: 3/4" = 1'-0" S1.3|S1.4



SECTION 2
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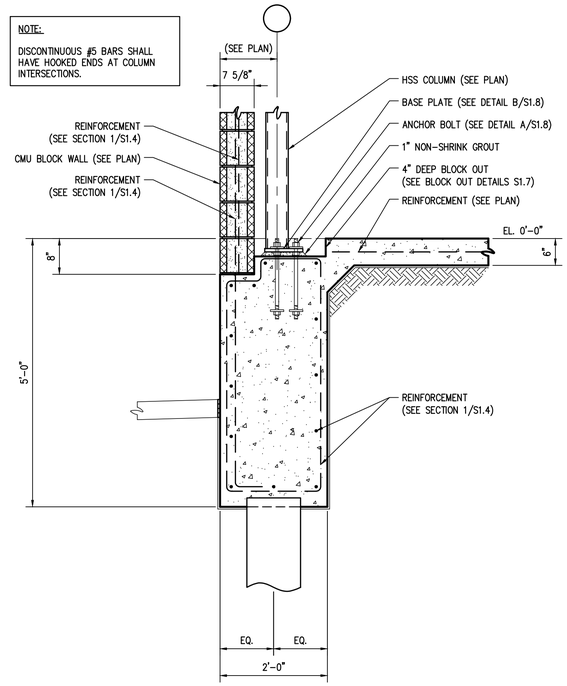

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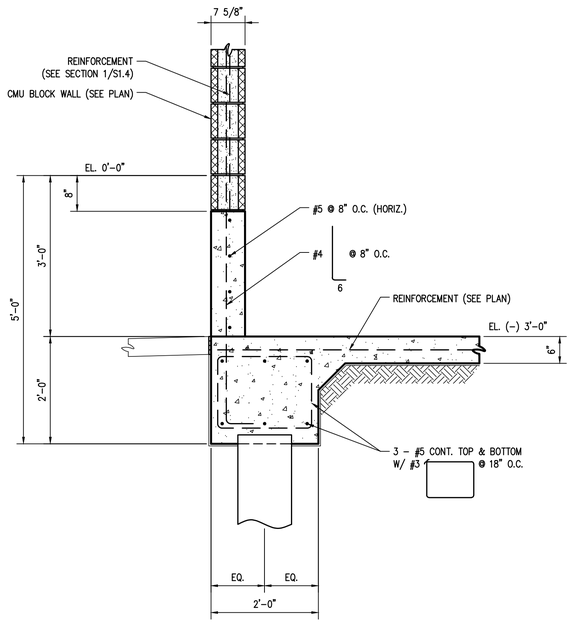
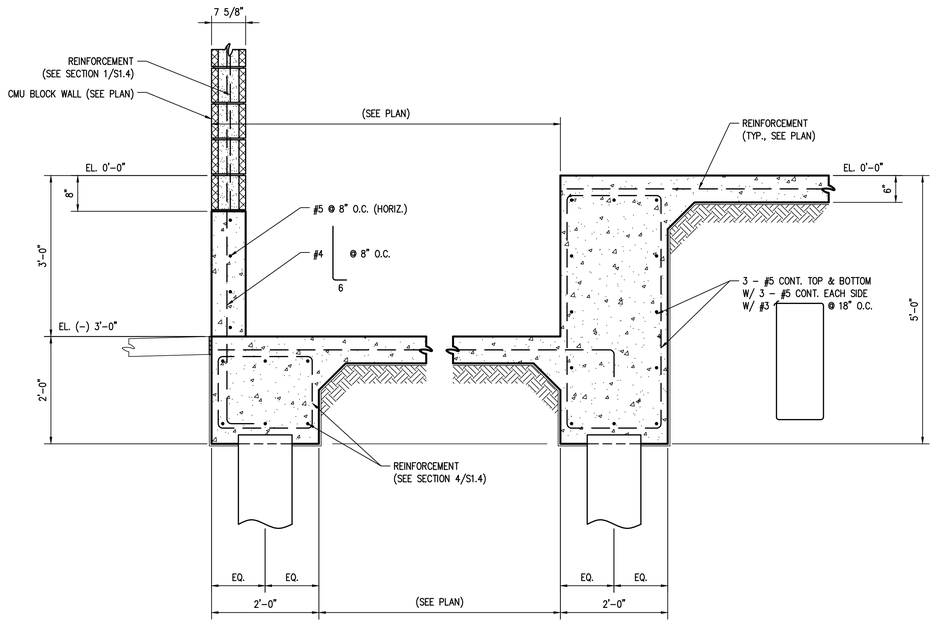


SECTION 4
SCALE: 3/4" = 1'-0" S1.3|S1.4



SECTION 5
SCALE: 3/4" = 1'-0" S1.3|S1.4

CONSTRUCTION DOCUMENTS

YWCA Facility

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Contractor

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

FOUNDATION SECTIONS

Sheet

S1.4

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

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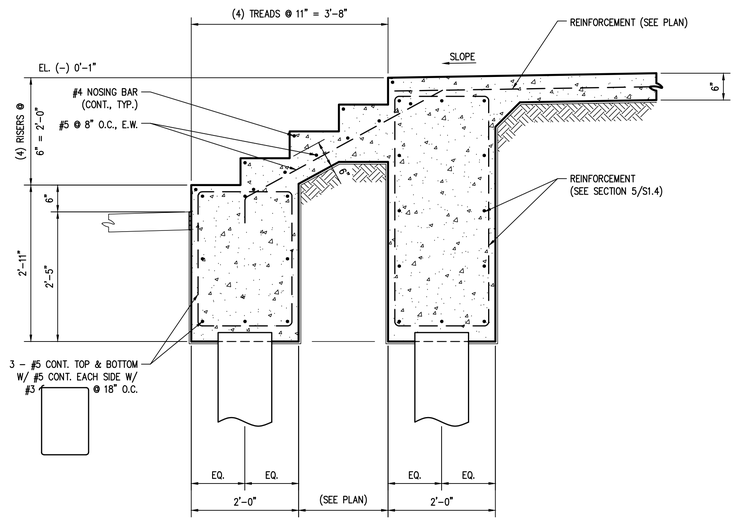
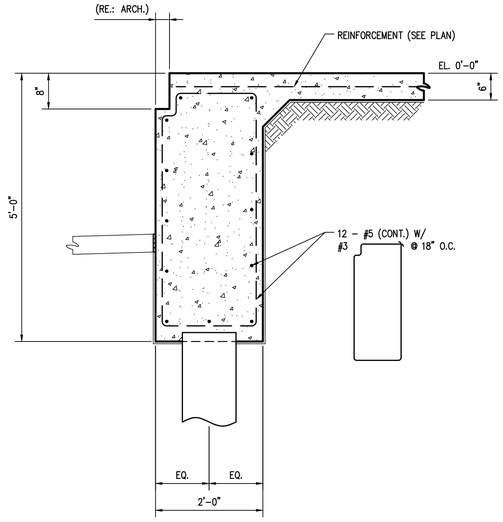
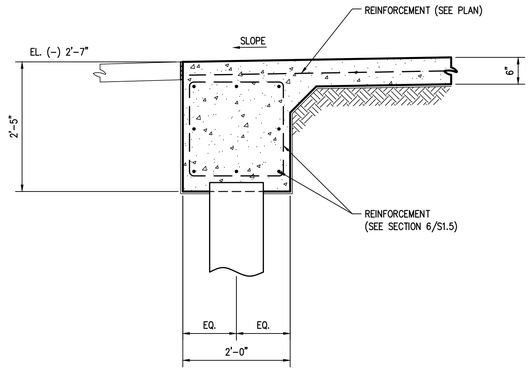
LICENSE NUMBER: 31593



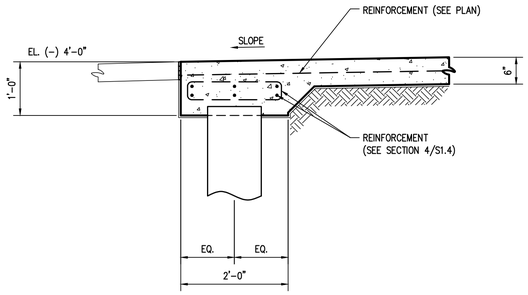
SECTION 6
SCALE: 3/4" = 1'-0" S1.3|S1.5



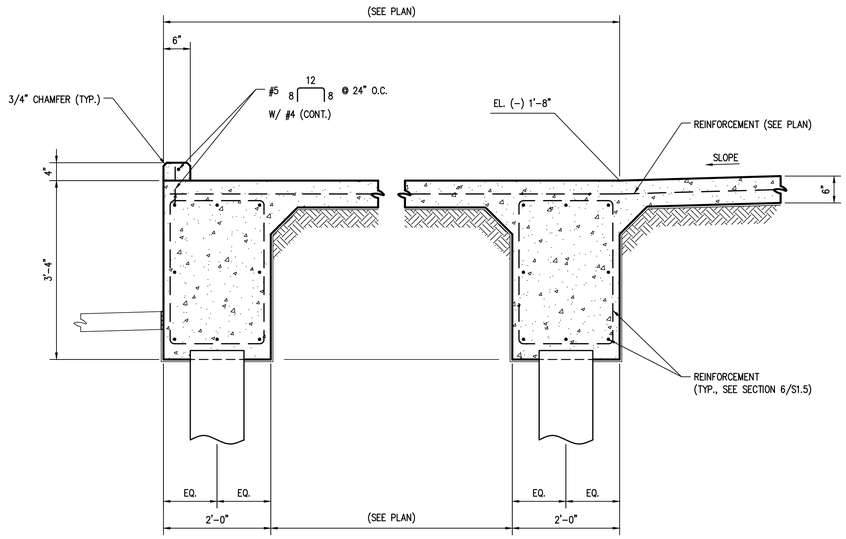
SECTION 7
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 8
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 9
SCALE: 3/4" = 1'-0" S1.3|S1.5



SECTION 10
SCALE: 3/4" = 1'-0" S1.3|S1.5

AXIS ENGINEERING
CIVIL | STRUCTURAL
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ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

CONSTRUCTION DOCUMENTS

YWCA Facility

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REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

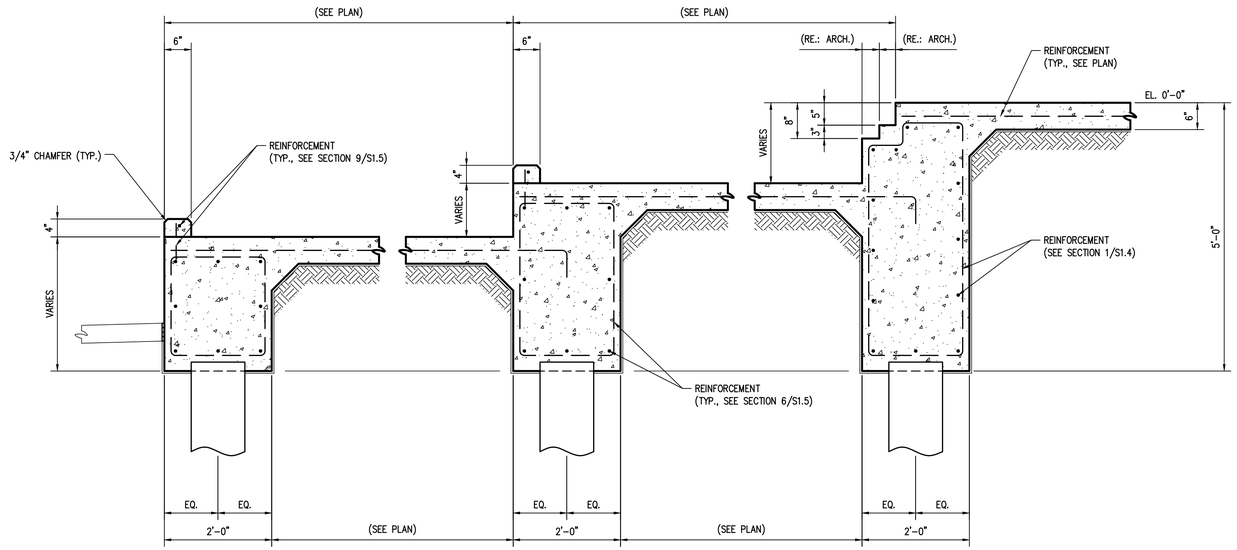
Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
FOUNDATION SECTIONS

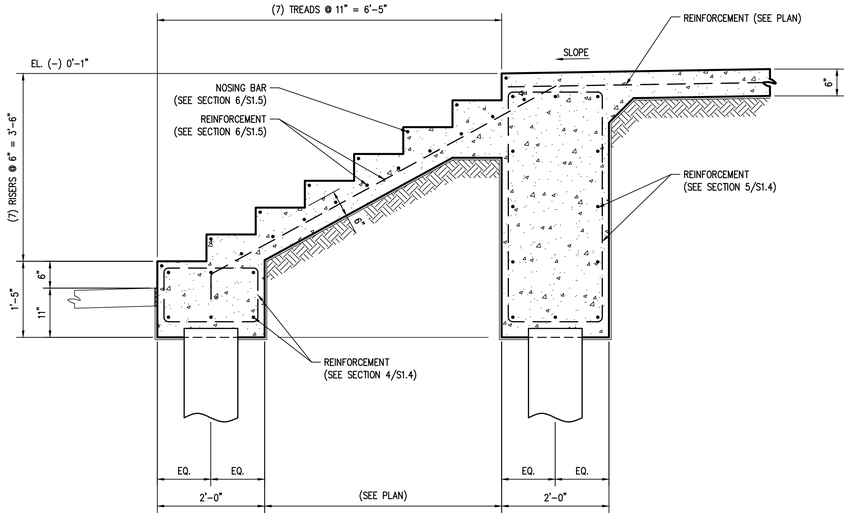
Sheet
S1.5



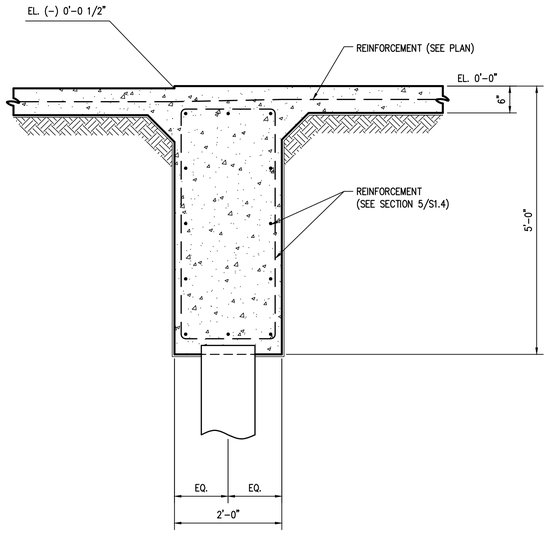
SECTION 11
SCALE: 3/4" = 1'-0" S1.3|S1.6

NOT USED

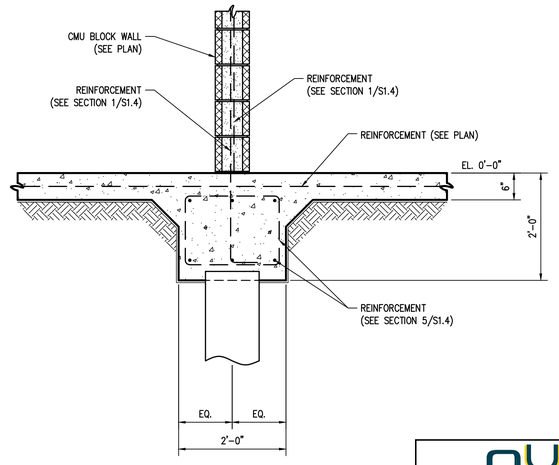
SECTION 12
SCALE: 3/4" = 1'-0"



SECTION 13
SCALE: 3/4" = 1'-0" S1.3|S1.6



SECTION 14
SCALE: 3/4" = 1'-0" S1.3|S1.6



SECTION 15
SCALE: 3/4" = 1'-0" S1.3|S1.6

AXIS ENGINEERING
CIVIL | STRUCTURAL
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CONSTRUCTION DOCUMENTS

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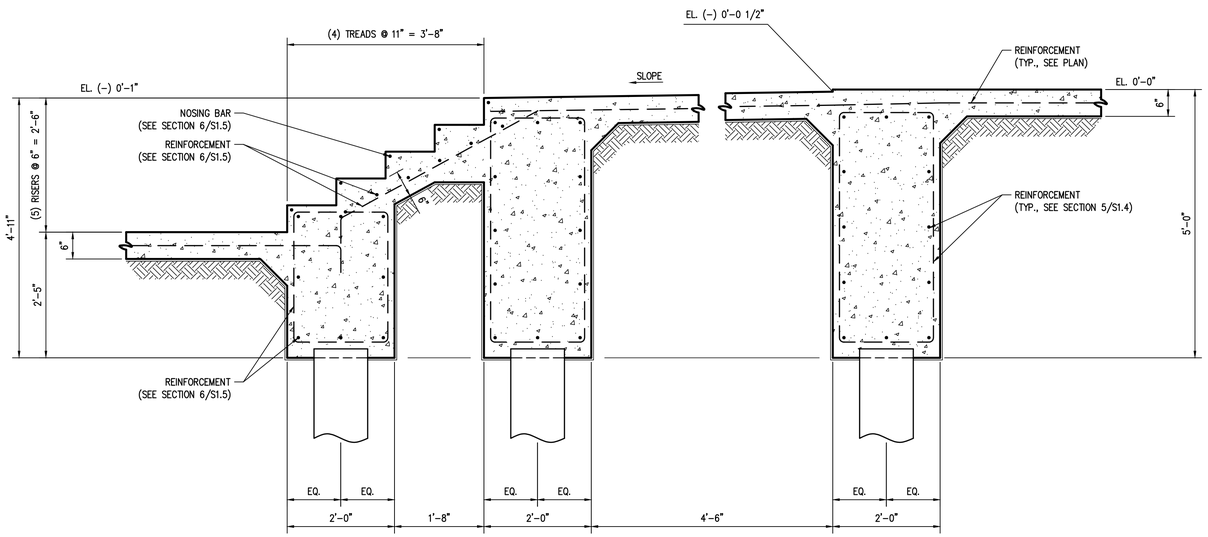
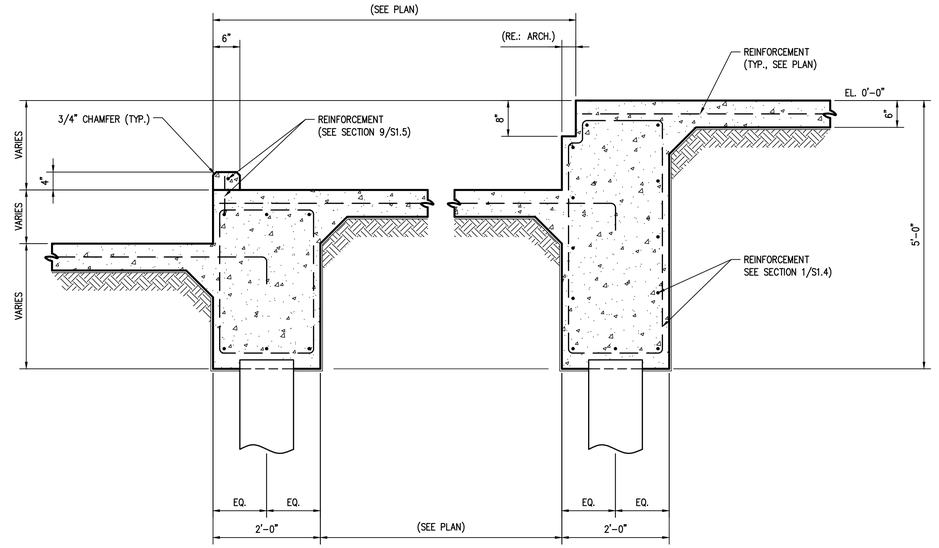
Title
FOUNDATION SECTIONS

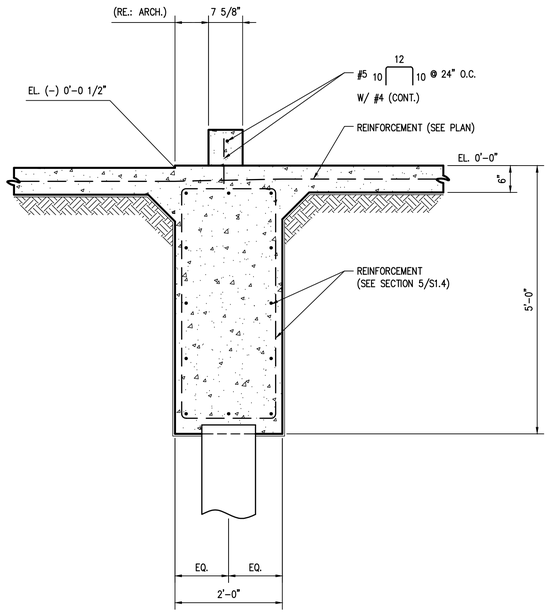
Sheet
S1.6



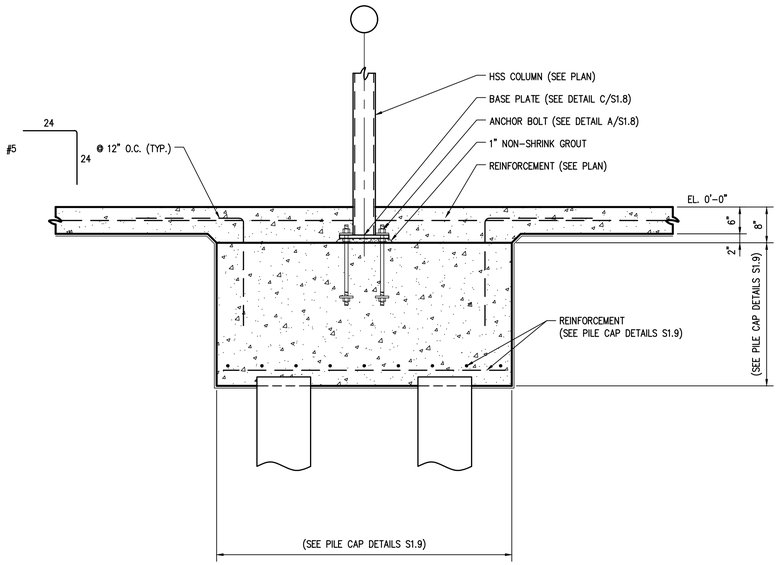
SECTION 16
SCALE: 3/4" = 1'-0" S1.3|S1.7



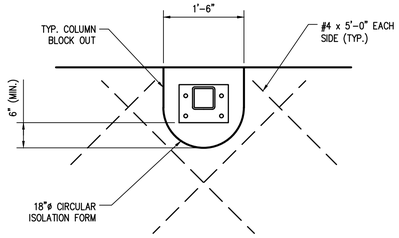
SECTION 17
SCALE: 3/4" = 1'-0" S1.3|S1.7



SECTION 18
SCALE: 3/4" = 1'-0" S1.3|S1.7



SECTION 19
SCALE: 3/4" = 1'-0" S1.3|S1.7



NOTE:

REINFORCE BLOCK OUTS AS SHOWN AND INFILL W/ CONCRETE AFTER COLUMNS HAVE BEEN PLUMBED AND GROUTED.

EXTERIOR COLUMN BLOCK OUT DETAIL
SCALE: 3/4" = 1'-0"

CONSTRUCTION DOCUMENTS

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Title
FOUNDATION SECTIONS AND DETAIL

Sheet
S1.7

AXIS ENGINEERING
CIVIL | STRUCTURAL
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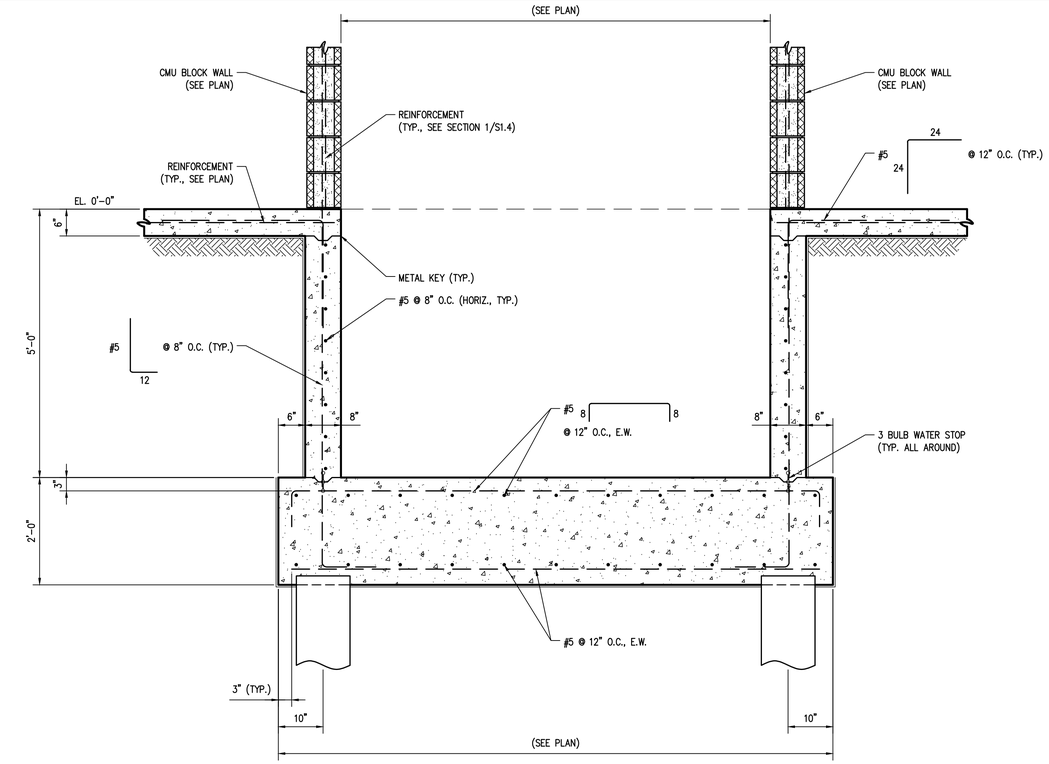
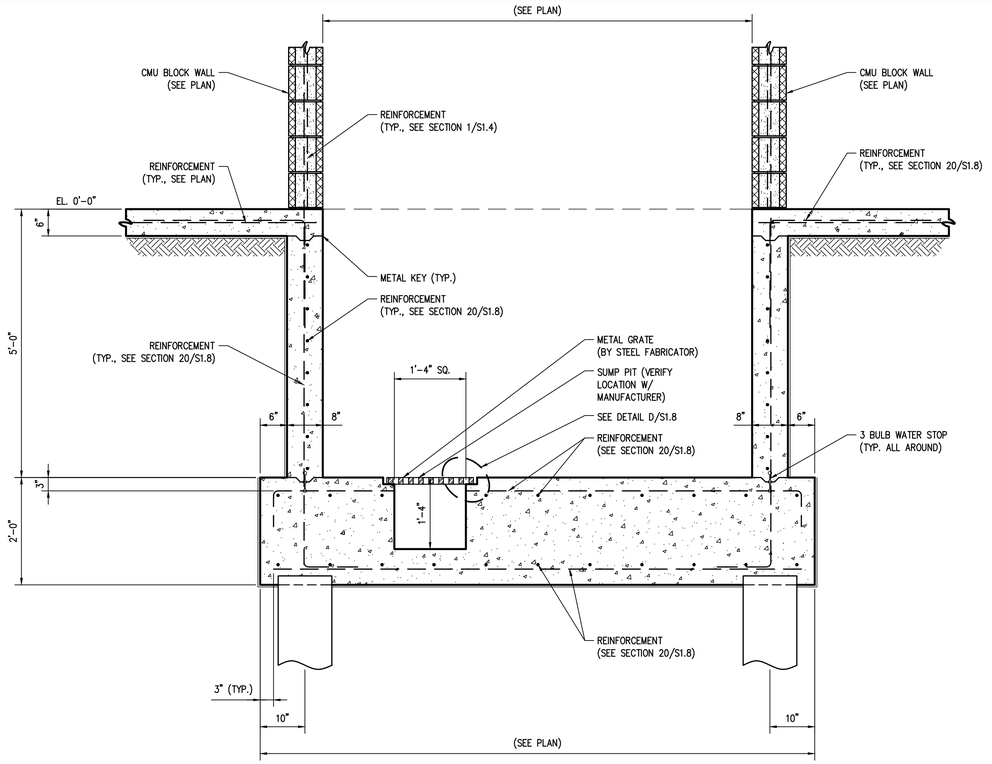
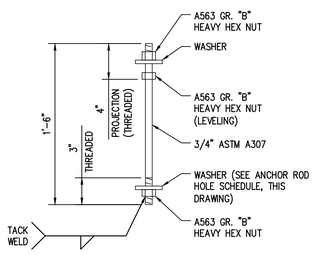


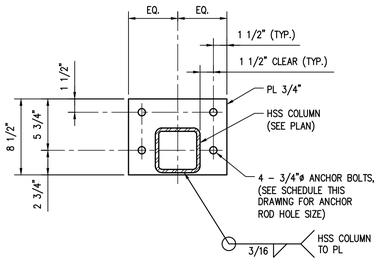
SECTION 20
SCALE: 3/4" = 1'-0" S1.3|S1.8



SECTION 21
SCALE: 3/4" = 1'-0" S1.3|S1.8

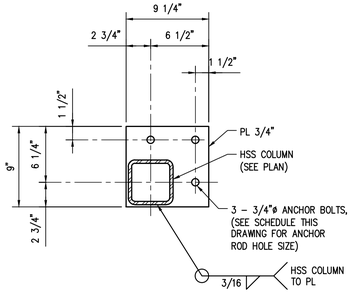


DETAIL A
SCALE: 1 1/2" = 1'-0" S1.4|S1.8



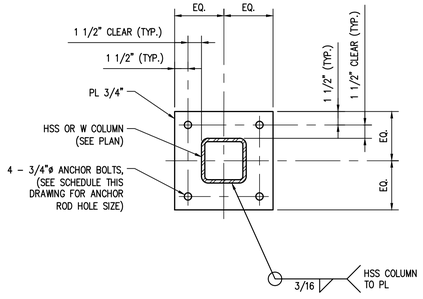
(TYPE BP1)

DETAIL B
SCALE: 1 1/2" = 1'-0" S1.4|S1.8



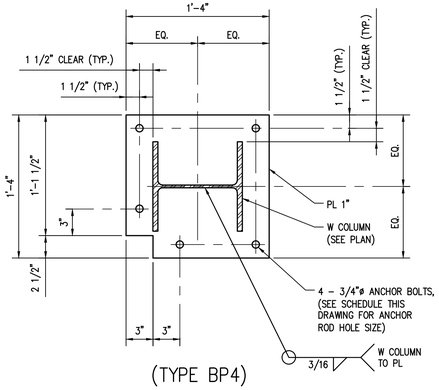
(TYPE BP2)

DETAIL B ALTERNATE
SCALE: 1 1/2" = 1'-0" S1.4|S1.8



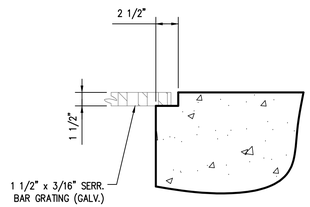
(TYPE BP3)

DETAIL C
SCALE: 1 1/2" = 1'-0" S1.7|S1.8



(TYPE BP4)

DETAIL C
SCALE: 1 1/2" = 1'-0" S1.7|S1.8



DETAIL D
SCALE: 1 1/2" = 1'-0" S1.8|S1.8

BASE PLATE ANCHOR BOLT HOLE SCHEDULE			
ANCHOR ROD DIAMETER (INCH)	HOLE DIAMETER (INCH)	MIN. WASHER DIAMETER (INCH)	MIN. WASHER THICKNESS (INCH)
1/2	1	1 3/4	3/16
5/8	1 1/8	1 3/4	1/4
3/4	1 1/4	2	1/4
7/8	1 1/2	2 1/2	5/16
1	1 3/4	3	3/8
1 1/4	2	3	1/2
1 1/2	2 1/4	3 1/2	1/2

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

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TRAPOLIN·PEER | ARCHITECTS

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Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
FOUNDATION SECTIONS AND DETAILS

Sheet
S1.8

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

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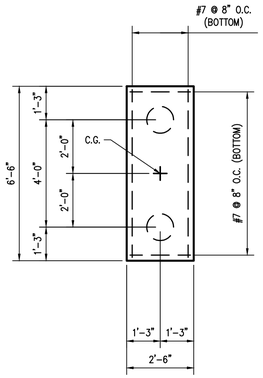
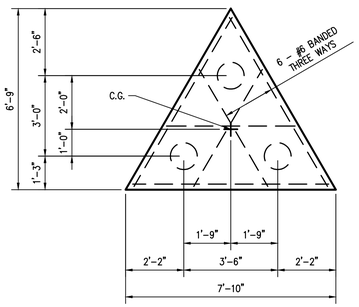
ENGINEER: JAMES B HEASLIP AE PROJECT #:22202
LICENSE NUMBER: 31593



(DEPTH: 2'-4")

2 PILE CAP (2PC)

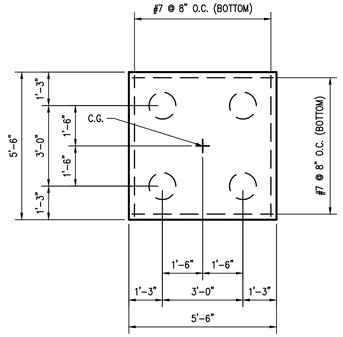
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

3 PILE CAP (3PC)

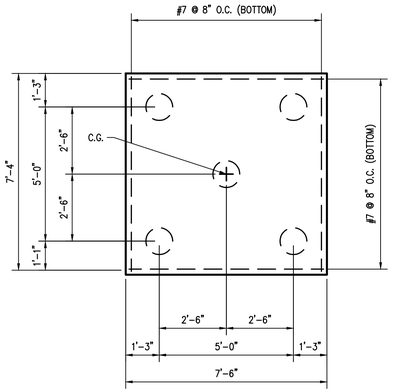
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

4 PILE CAP (4PC)

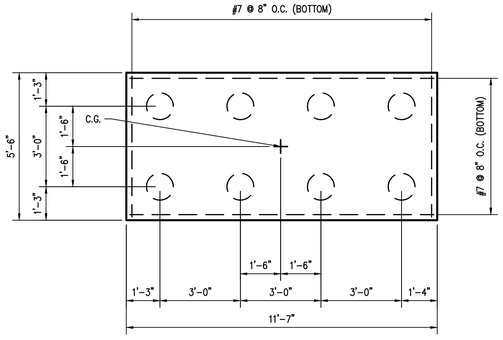
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

5 PILE CAP (5PC)

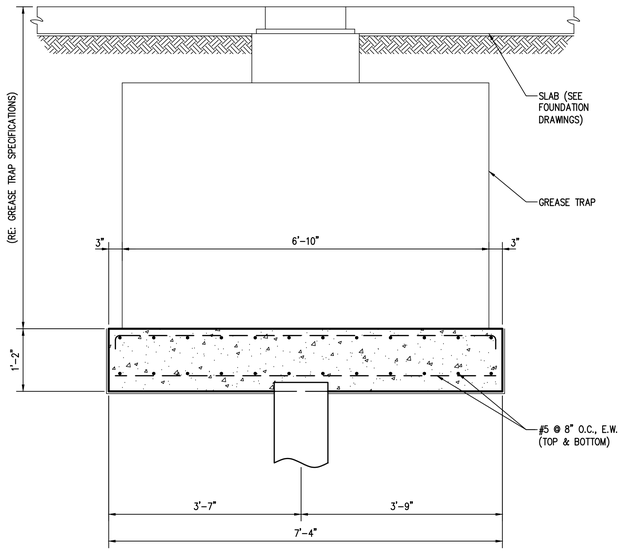
SCALE: 3/8" = 1'-0"



(DEPTH: 2'-8")

8 PILE CAP (8PC)

SCALE: 3/8" = 1'-0"



TYPICAL GREASE TRAP FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

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Contractor

Revisions

Interoffice Data

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Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

PILE CAP DETAILS

Sheet

S1.9

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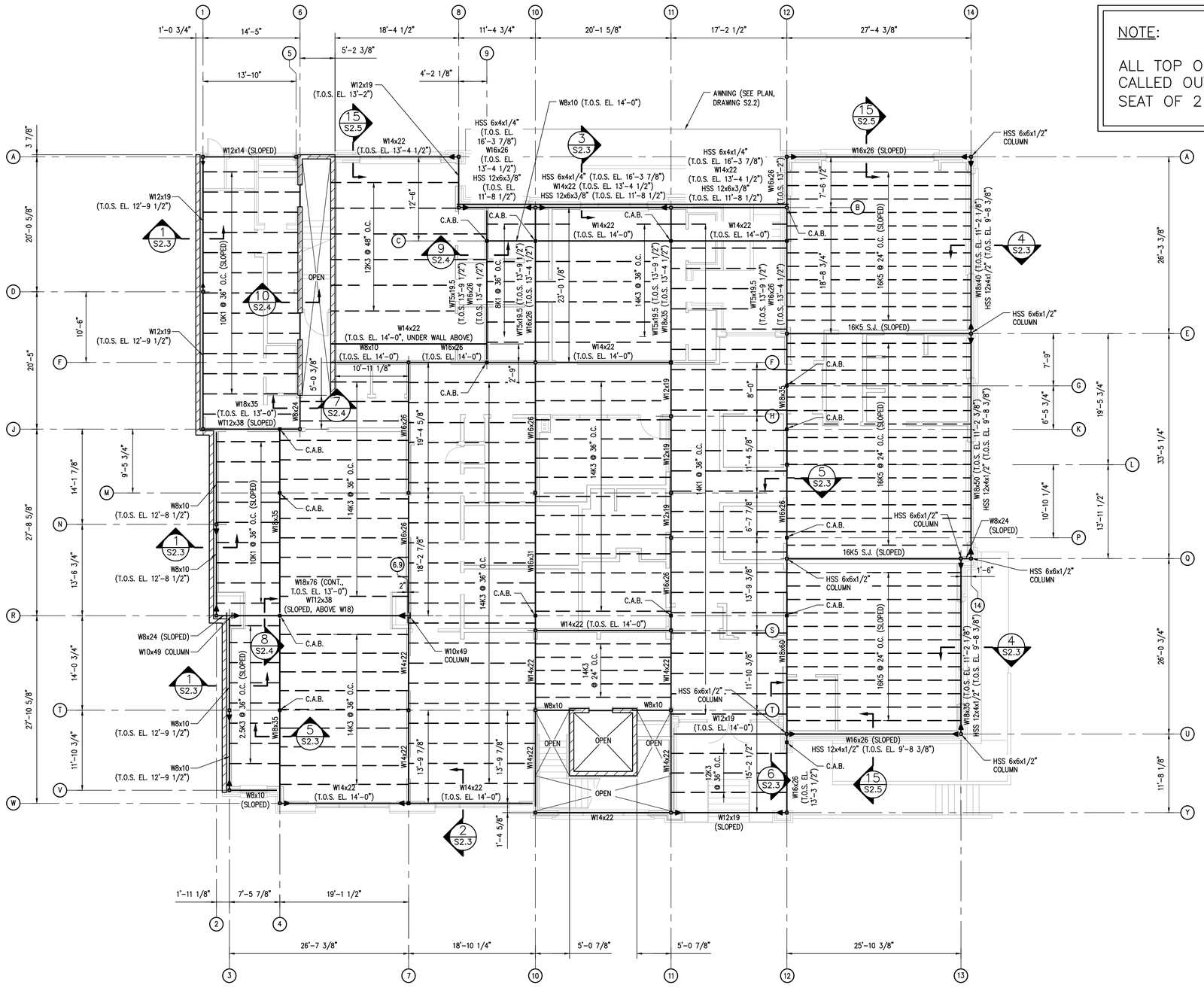
ENGINEER: JAMES B HEASLIP — AE PROJECT #:22202

LICENSE NUMBER: 31593

NOTE:

ALL TOP OF STEEL ELEVATIONS CALLED OUT ASSUME A BAR JOIST SEAT OF 2 1/2", ADJUST AS NEEDED.



SECOND FLOOR / LOW ROOF FRAMING PLAN (T.O.S. EL. 13'-9 1/2" TYP. U.N.O.)

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8" (TYP. U.N.O.).
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.
4. C.A.B. – SYMBOL ON PLAN INDICATES COLUMN ABOVE BEAM.
5. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS).
6. PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE AT 12'-0" O.C., MAX. PLACE JOINTS ON COLUMN LINES AND AT MIDPOINT BETWEEN COLUMN LINES. COORDINATE LOCATION OF JOINTS WITH JOINT PATTERNS IN EXPOSED CONCRETE.

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CONSTRUCTION DOCUMENTS

YWCA Facility

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Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED
PROFESSIONAL ENGINEER
IN
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Revisions

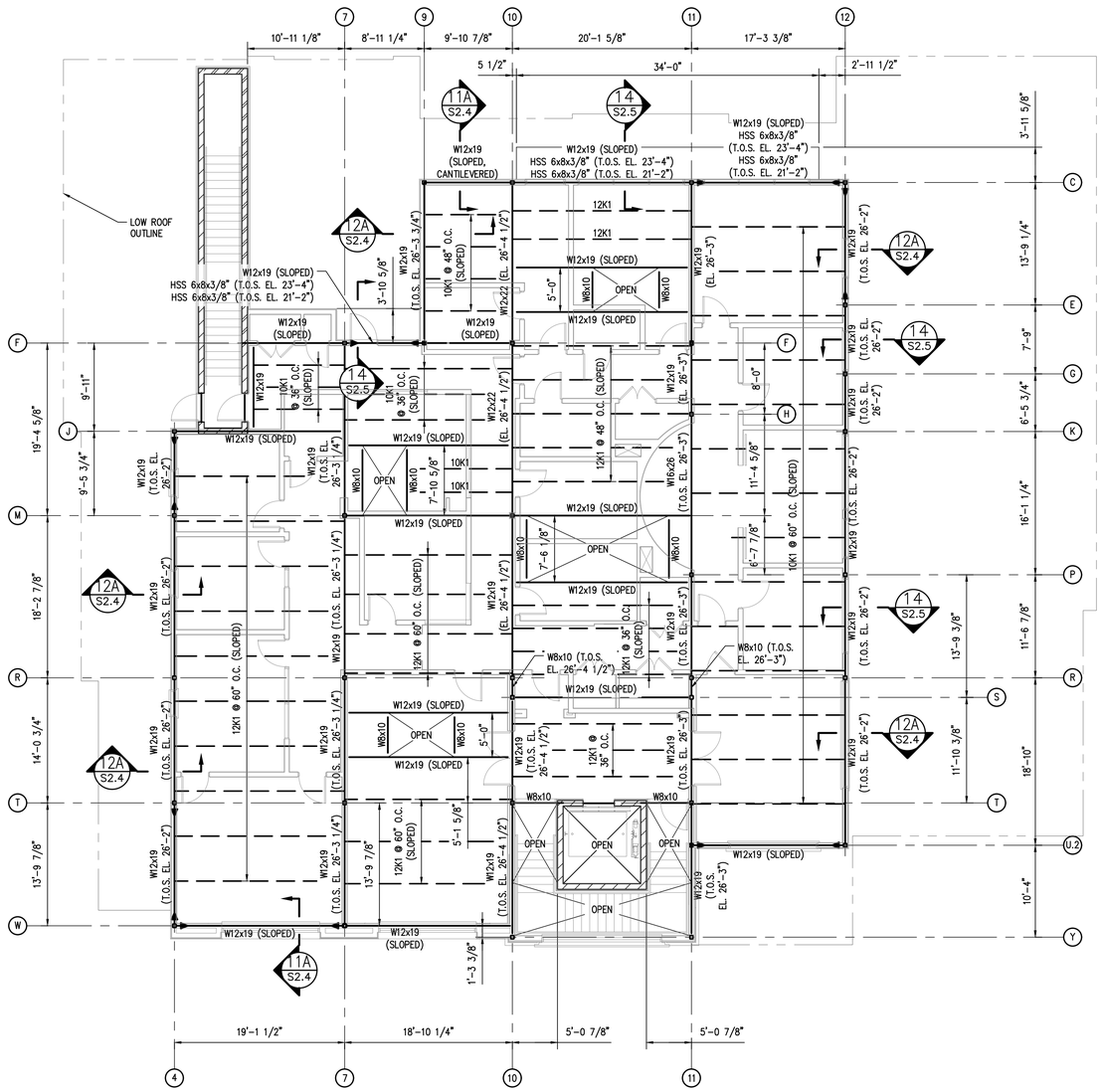
Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date
09/05/2023

Title
SECOND FLOOR / LOW ROOF FRAMING PLAN

Sheet
S2.0



HIGH ROOF FRAMING PLAN (T.O.S. EL. VARIES SEE PLAN)

SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.
4. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL (GROUT FILL ALL CELLS).

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Title

ROOF FRAMING PLAN

Sheet

S2.1

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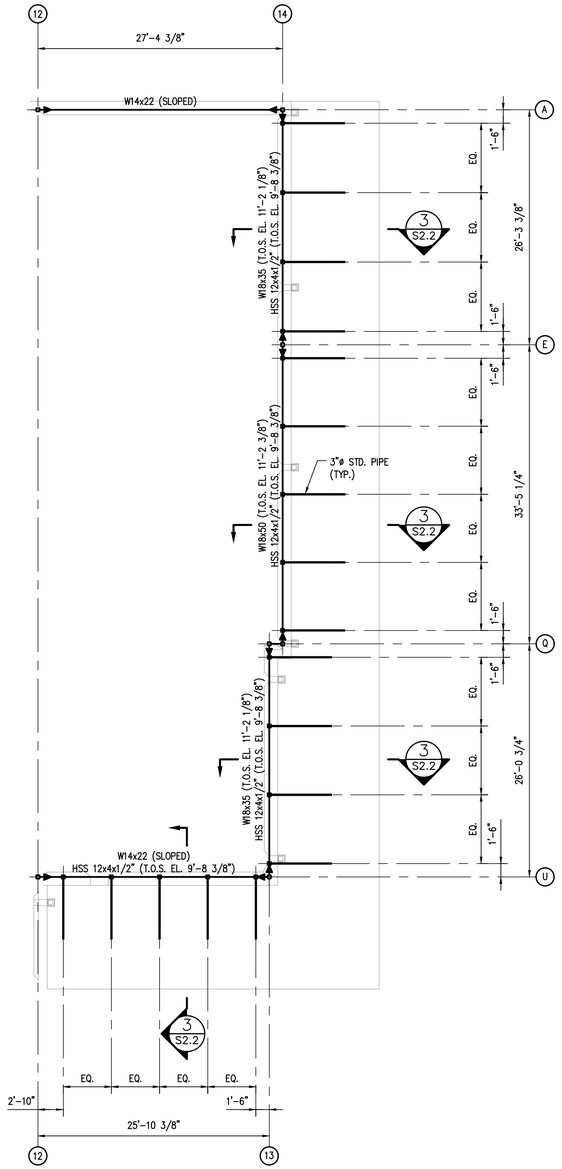
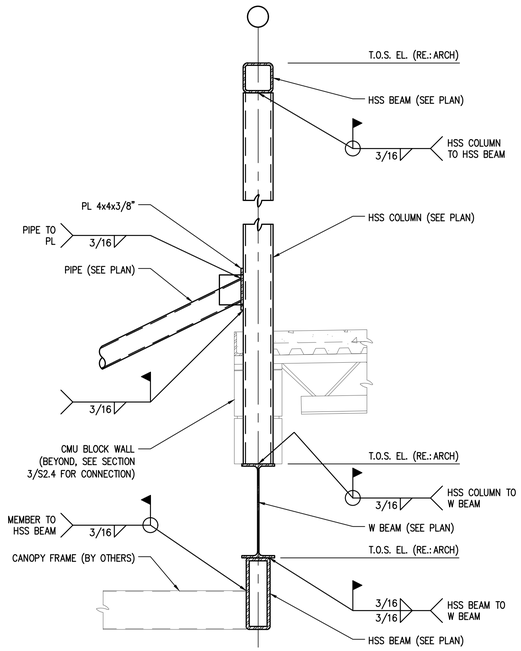
ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

LICENSE NUMBER: 31593



CANOPY FRAMING PLAN (T.O.S. EL. VARIES SEE PLAN)

SCALE: 1/8" = 1'-0"



SECTION 3/S2.2 ALTERNATE

SCALE: 1" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▶ – SYMBOL ON PLAN INDICATES MOMENT CONNECTION.

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Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

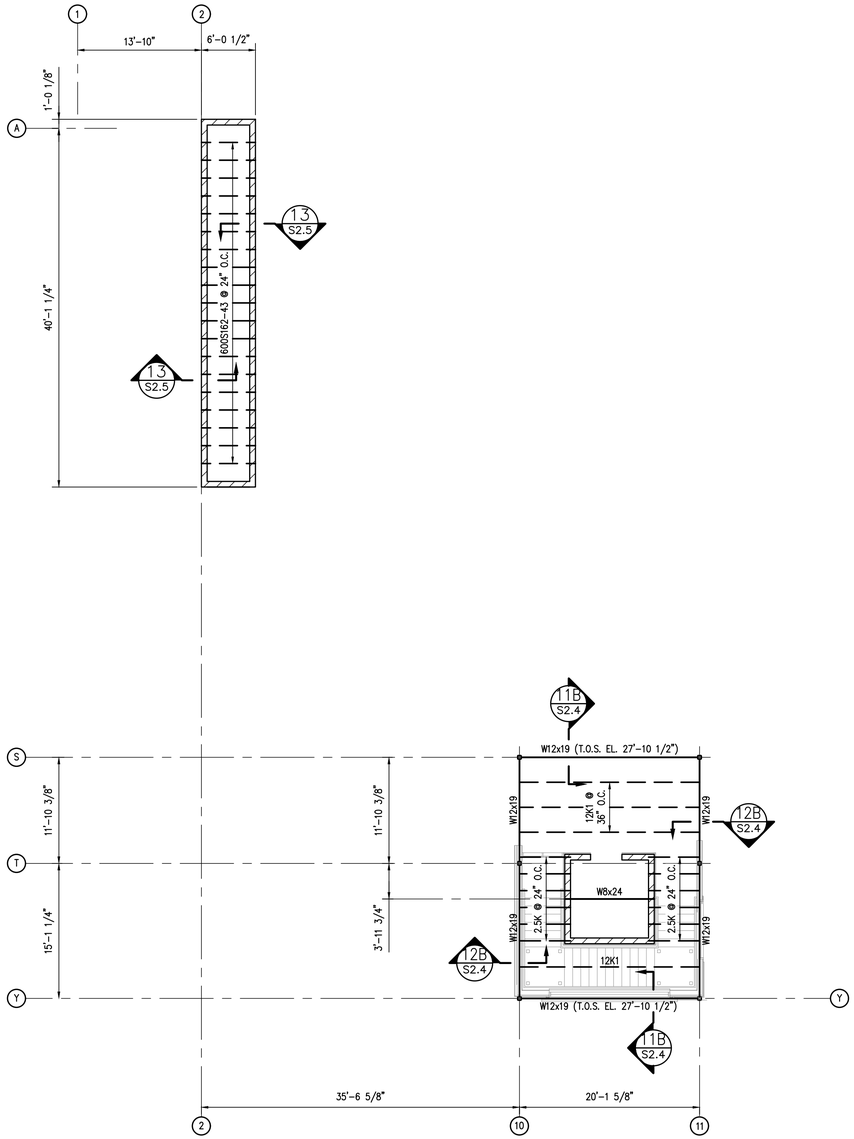
09/05/2023

Title

CANOPY FRAMING PLAN AND SECTION

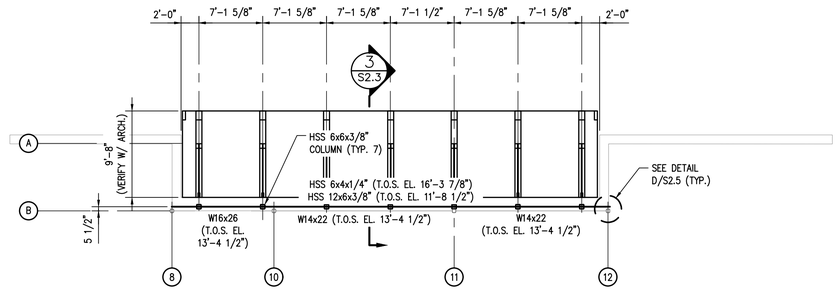
Sheet

S2.2 ALT.



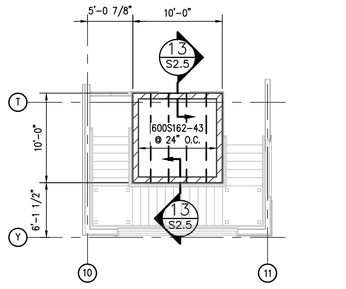
HIGH ROOF FRAMING PLAN (T.O.S. EL. 28'-1", TYP. U.N.O.)

SCALE: 1/8" = 1'-0"



AWNING FRAMING PLAN

SCALE: 1/8" = 1'-0"



ELEVATOR ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTE:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. ▫ – SYMBOL ON PLAN INDICATES HSS 5x5x3/8".
3. ▨ – SYMBOL ON PLAN INDICATES 8" CMU BLOCK WALL.

CONSTRUCTION DOCUMENTS

YWCA Facility

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ENGINEER: JAMES B HEASLIP — AE PROJECT #:22202

LICENSE NUMBER: 31593

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

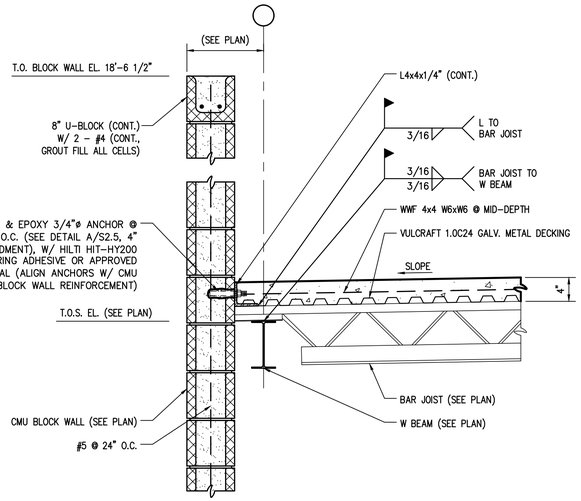
09/05/2023

Title

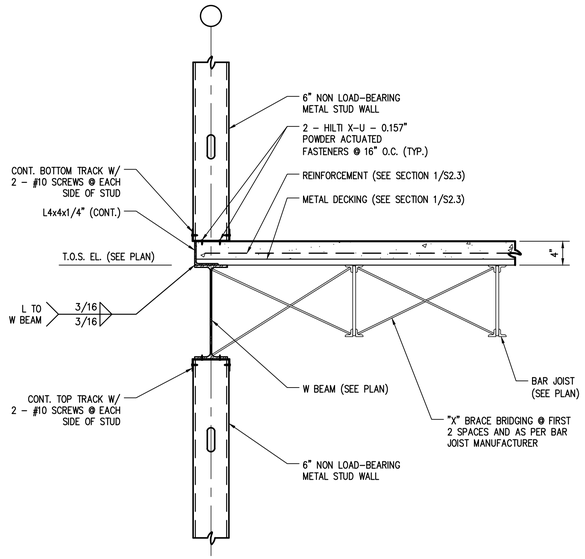
HIGH ROOF, ELEVATOR ROOF, AND AWNING FRAMING PLANS

Sheet

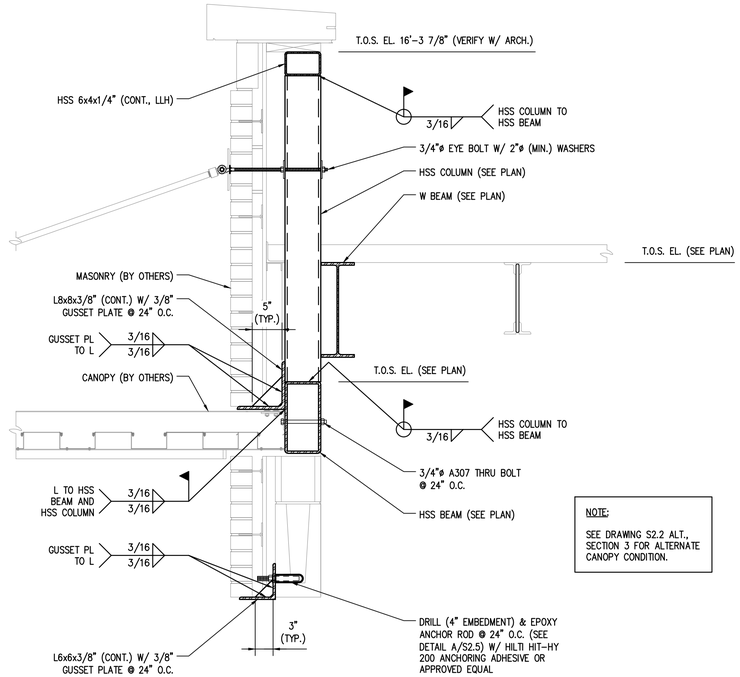
S2.2



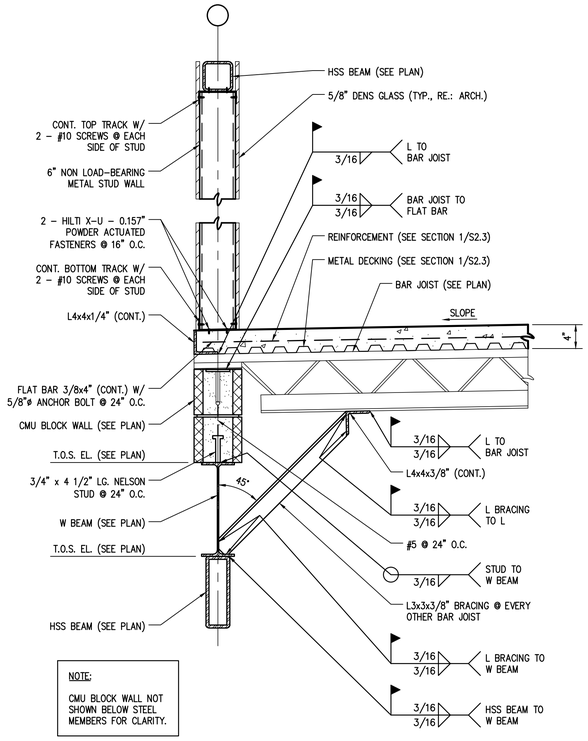
SECTION 1
SCALE: 1" = 1'-0" S2.0|S2.3



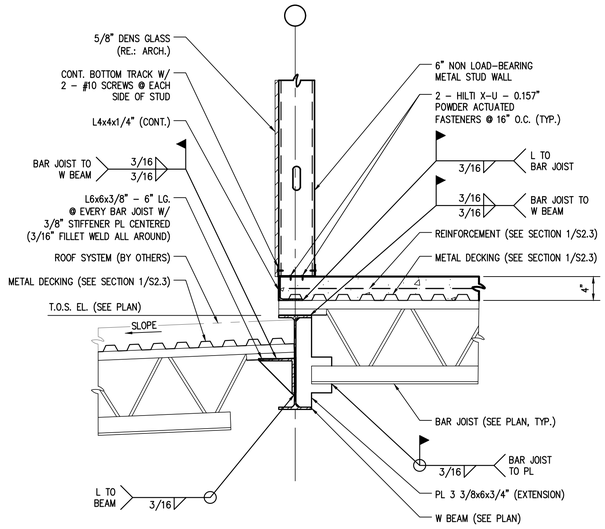
SECTION 2
SCALE: 1" = 1'-0" S2.0|S2.3



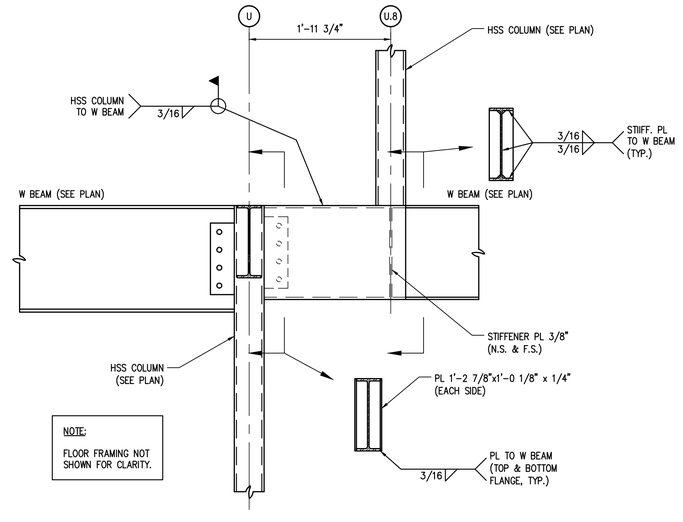
SECTION 3
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 4
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 5
SCALE: 1" = 1'-0" S2.0|S2.3



SECTION 6
SCALE: 1" = 1'-0" S2.0|S2.3

CONSTRUCTION DOCUMENTS

YWCA Facility

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STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
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Checked By	JBH

Issue Date
09/05/2023

Title
FRAMING SECTIONS

Sheet
S2.3

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ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
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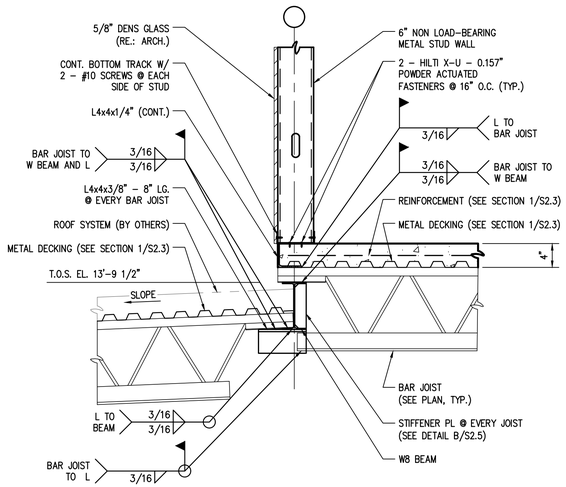
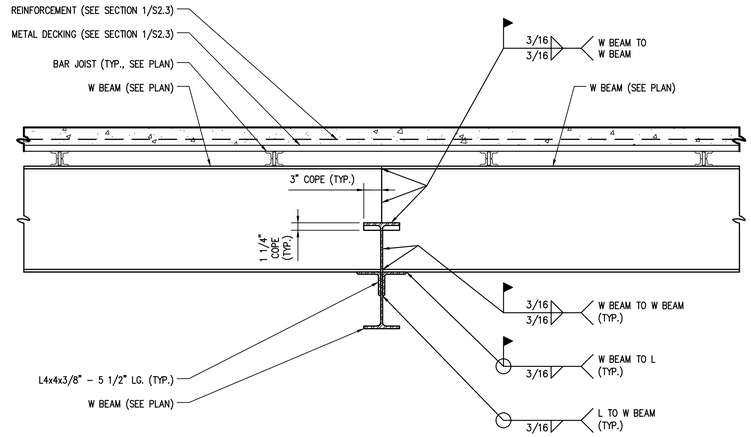


SECTION 7
SCALE: 1" = 1'–0" S2.0|S2.4



SECTION 8
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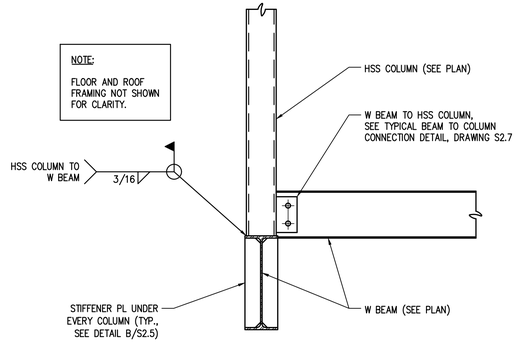
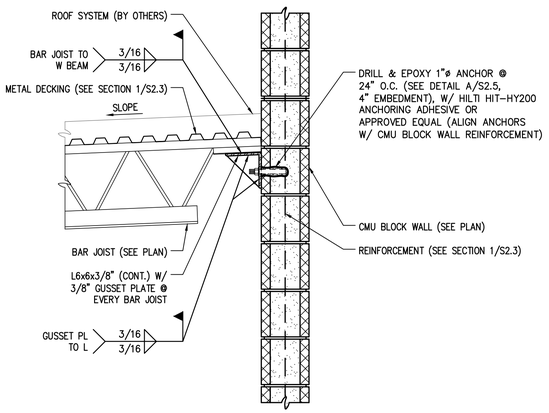
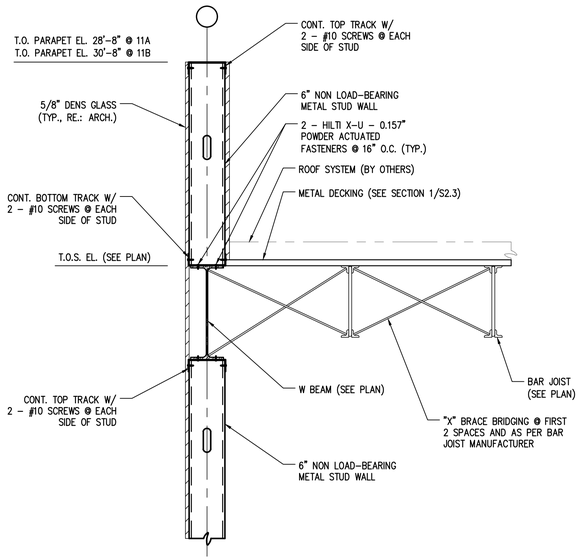


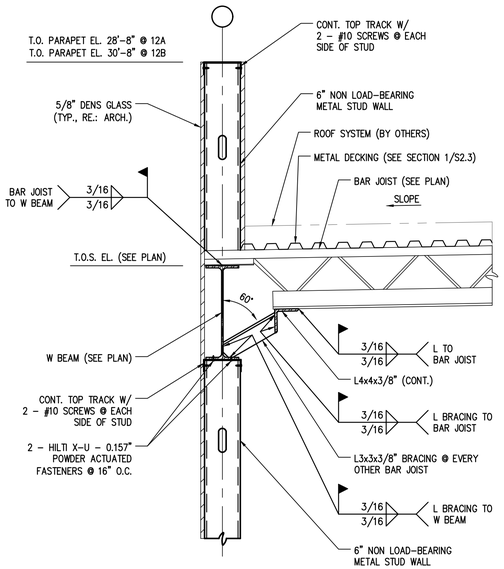
SECTION 9
SCALE: 1" = 1'–0" S2.0|S2.4



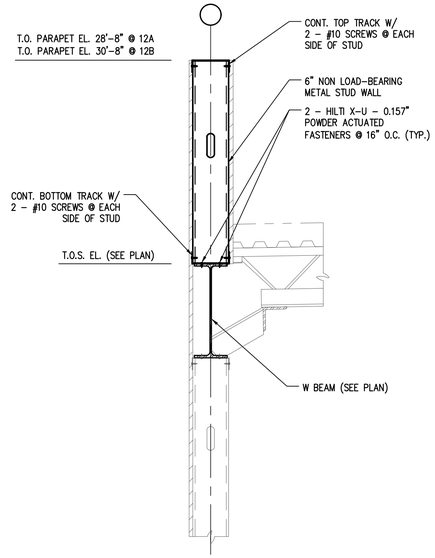
SECTION 10
SCALE: 1" = 1'–0" S2.0|S2.4



SECTION 11A 11B
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4



SECTION 12A 12B
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4



SECTION 12A 12B ALTERNATE
SCALE: 1" = 1'–0" S2.1|S2.4 S2.2|S2.4

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

09/05/2023

Title

FRAMING SECTIONS

Sheet

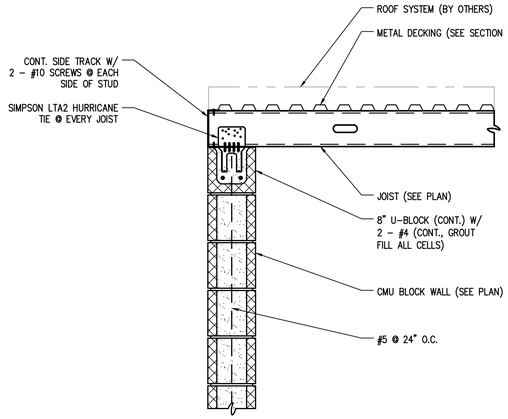
S2.4

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

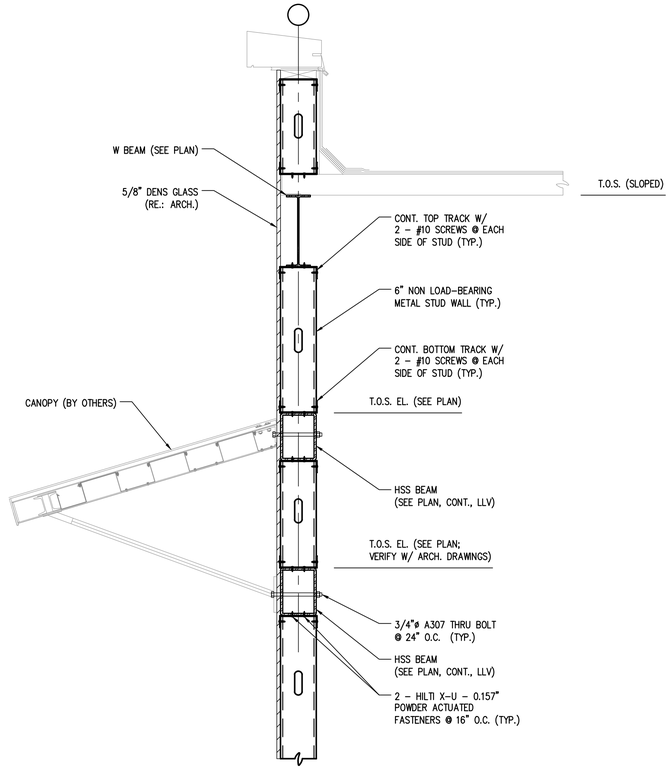
THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

LICENSE NUMBER: 31593



SECTION 13
SCALE: 1" = 1'–0" S2.2|S2.5



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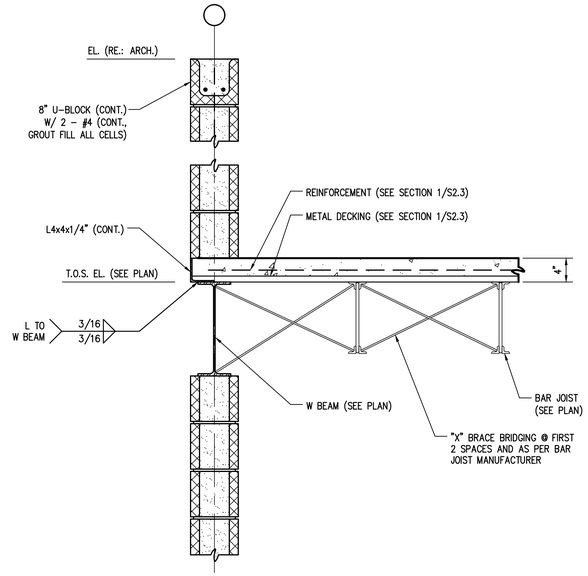

SECTION 15
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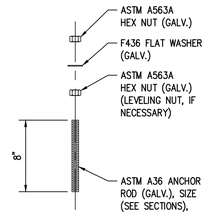
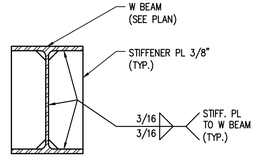
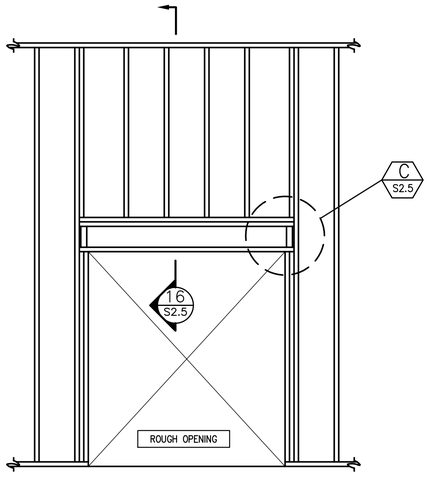


DETAIL A
SCALE: 1 1/2" = 1'–0" S2.3|S2.5

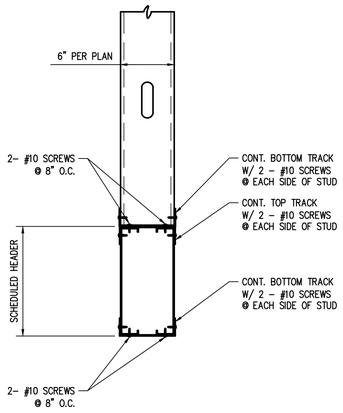


DETAIL B
SCALE: 1 1/2" = 1'–0" S2.3|S2.5

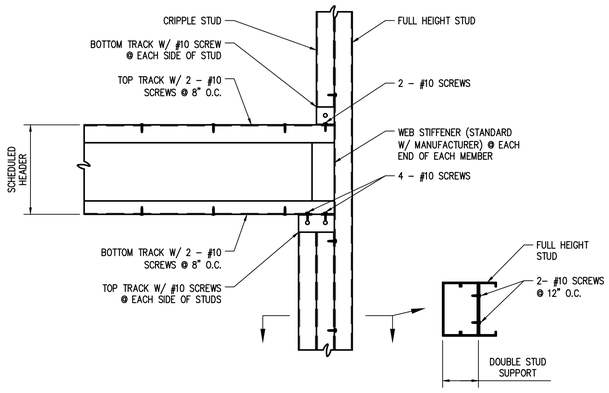


REFER TO COLD FORMED METAL FRAMING NOTES ON S1.0C FOR HEADER SIZE.
REFERENCE PLAN FOR MULTIPLE STUD CONDITIONS @ LOAD–BEARING WALLS

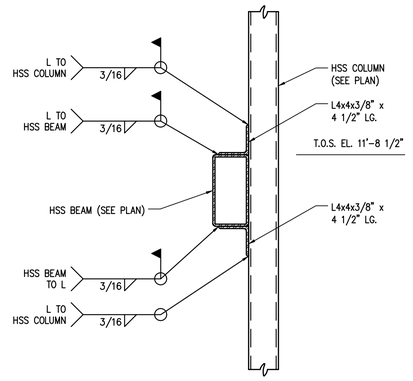
TYPICAL LIGHT–GAUGE STEEL HEADER @ LOAD BEARING WALL DETAIL
SCALE: 1/2" = 1'–0"



SECTION 16
SCALE: 1 1/2" = 1'–0" S2.5|S2.5



DETAIL C
SCALE: 1 1/2" = 1'–0" S2.5|S2.5



DETAIL D
SCALE: 1" = 1'–0" S2.2|S2.5

CONSTRUCTION DOCUMENTS

YWCA Facility

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FRAMING SECTIONS AND DETAILS

Sheet
S2.5

AXIS ENGINEERING
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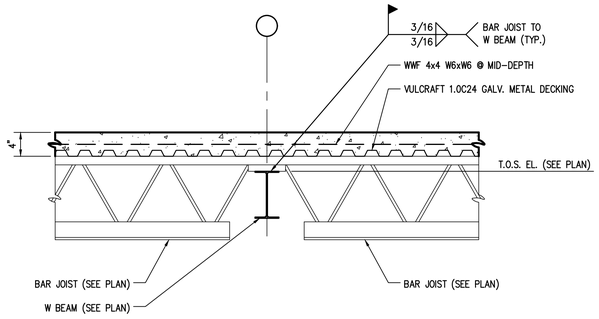
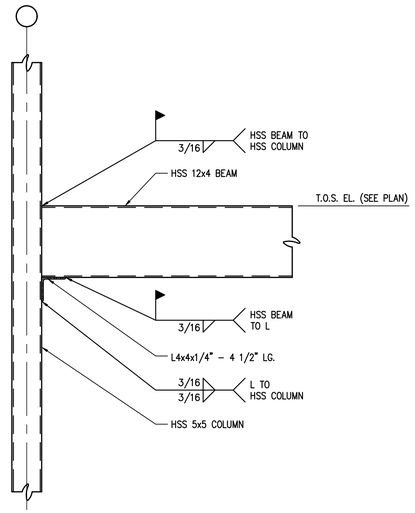
ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593



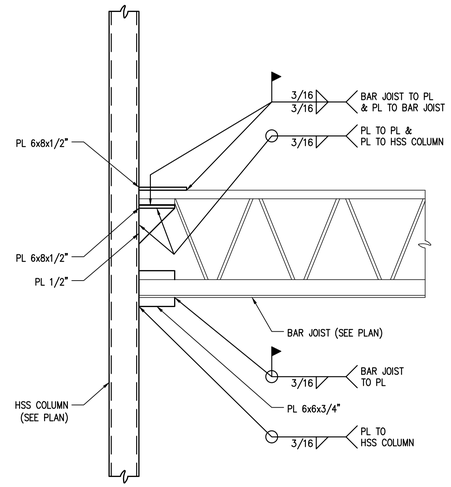
TYPICAL INTERIOR SECTION

SCALE: 1" = 1'-0"



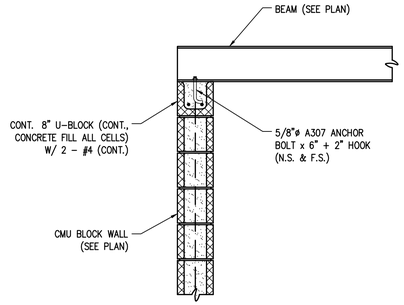
TYPICAL HSS 12x4x1/2" BEAM TO
HSS 5x5x3/8" COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



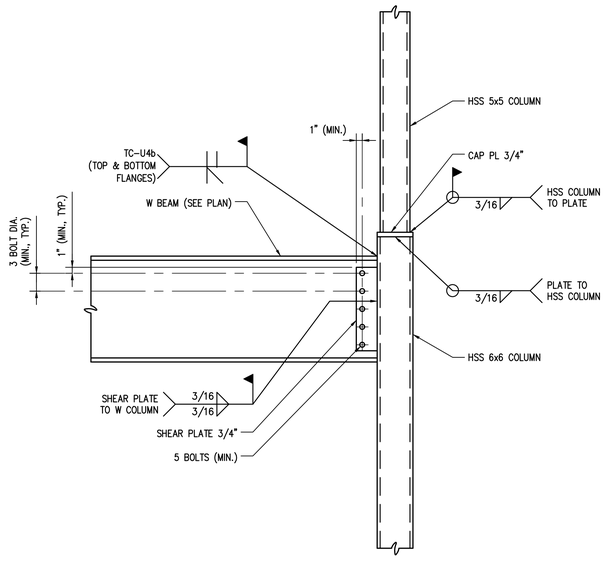
TYPICAL STRUT JOIST (S.J.) DETAIL

SCALE: 1" = 1'-0"



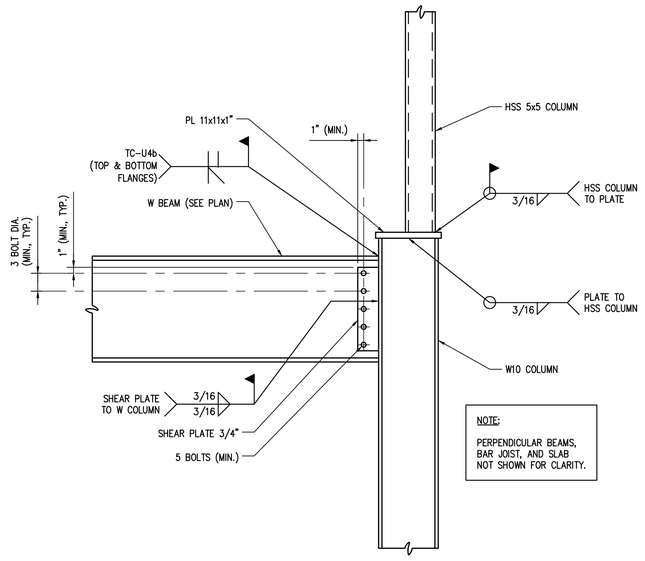
TYPICAL W BEAM TO
CMU WALL CONNECTION DETAIL

SCALE: 3/4" = 1'-0"



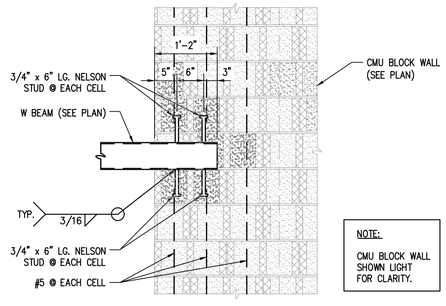
HSS 5x5x3/8" COLUMN ON TOP OF
HSS 6x6x1/2" COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



HSS 5x5x3/8" COLUMN ON TOP OF
W10x49 COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



TYPICAL W BEAM TO CMU BLOCK WALL CONNECTION

SCALE: N.T.S.

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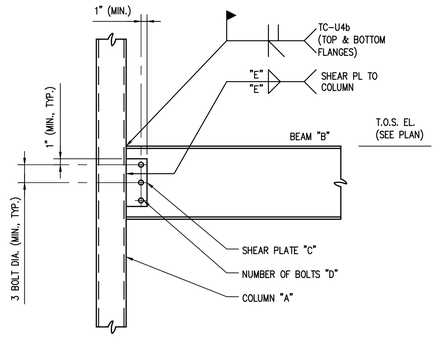
09/05/2023

Title
FRAMING DETAILS

Sheet
S2.6



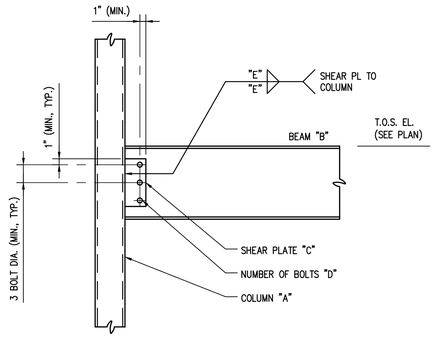
COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W16x26	5/8"	3	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"

NOTE:

ALL CONNECTIONS, INCLUDING TYPICAL FRAMED CONNECTIONS, SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AND ENGAGED BY THE CONTRACTOR. ALL SUCH SHOP DRAWINGS AND OTHER RELATED SUBMITTALS, INCLUDING CALCULATIONS SHALL BEAR THE ENGINEER'S SEAL.

TYPICAL BEAM TO COLUMN
MOMENT CONNECTION DETAIL

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x19	1/2"	2	3/16"
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W16x26	5/8"	4	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"
HSS 5x5x3/8"	W18x40	3/4"	4	3/16"

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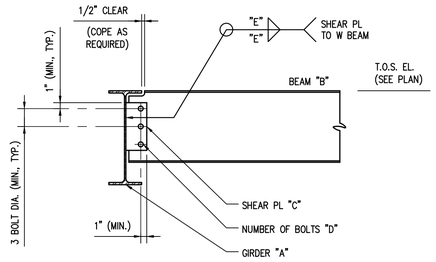
TYPICAL BEAM TO
COLUMN CONNECTION DETAIL

SCALE: 1" = 1'-0"



GIRDER "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
W12x19	W8x10	1/2"	2	3/16"
W14x22	W14x22	1/2"	3	3/16"
W18x35	W8x10	1/2"	2	3/16"

NOTE:

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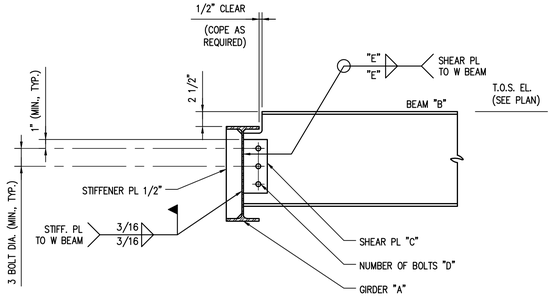
TYPICAL BEAM TO
BEAM CONNECTION DETAIL

SCALE: 1" = 1'-0"



GIRDER "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
W12x19	W12x19	1/2"	2	3/16"
W16x26	W16x26	1/2"	3	3/16"
W18x35	W18x35	3/4"	4	3/16"
W16x26	W12x19	1/2"	2	3/16"

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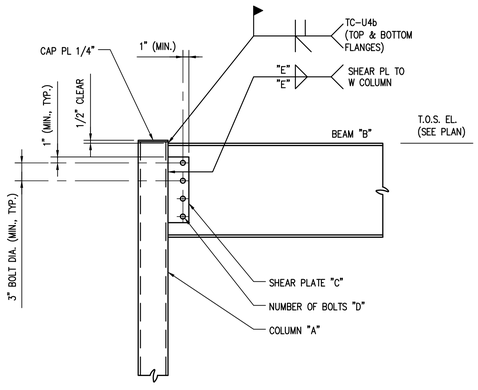
TYPICAL BEAM TO
BEAM (OFFSET) CONNECTION

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x19	1/2"	4	3/16"
HSS 5x5x3/8"	W14x22	1/2"	3	3/16"
HSS 5x5x3/8"	W18x35	3/4"	4	3/16"
HSS 5x5x3/8"	W18x50	3/4"	5	3/16"

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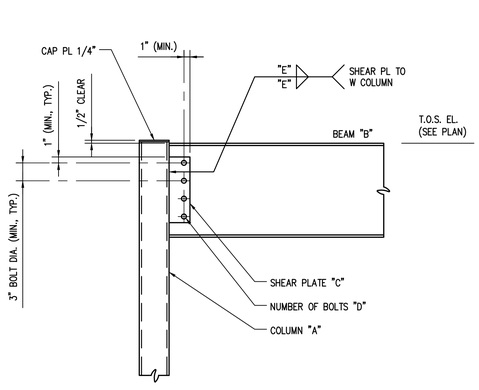
TYPICAL BEAM TO COLUMN
MOMENT CONNECTION DETAIL @ ROOF

SCALE: 1" = 1'-0"



COLUMN "A"	BEAM "B"	SHEAR PLATE "C" (MIN.)	NUMBER OF BOLTS "D" (MIN.)	WELD "E" (MIN.)
HSS 5x5x3/8"	W8x10	1/2"	2	3/16"
HSS 5x5x3/8"	W12x14	1/2"	4	3/16"
HSS 5x5x3/8"	W12x19	1/2"	4	3/16"
HSS 5x5x3/8"	W12x22	1/2"	4	3/16"
HSS 5x5x3/8"	W18x35	3/4"	5	3/16"

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TYPICAL BEAM TO COLUMN
CONNECTION DETAIL @ ROOF

SCALE: 1" = 1'-0"

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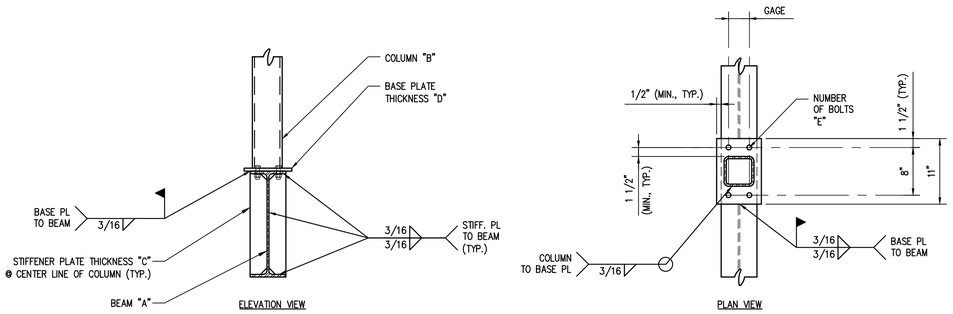


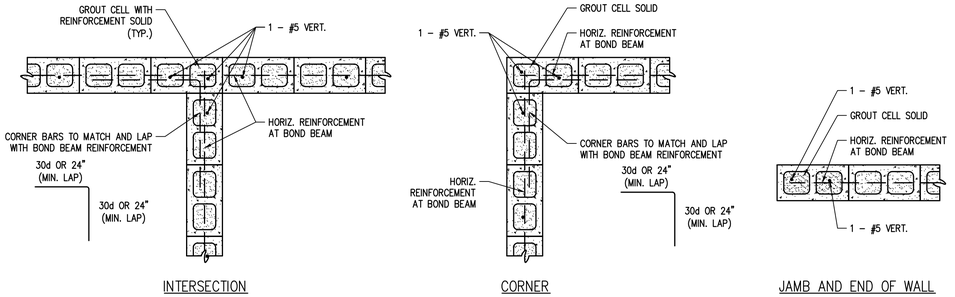
BEAM "A"	COLUMN "B"	STIFFENER PLATE THICKNESS "C" (MIN.)	BASE PLATE THICKNESS "D" (MIN.)	NUMBER OF BOLTS "E" (MIN.)
W14x22	HSS 5x5x3/8"	3/8"	3/4"	4
W16x26	HSS 5x5x3/8"	3/8"	3/4"	4
W18x35	HSS 5x5x3/8"	3/8"	3/4"	4
W18x40	HSS 5x5x3/8"	3/8"	3/4"	4

NOTE:

FOR BOLT AND HOLE SIZES SEE GENERAL NOTES DRAWING S1.0.

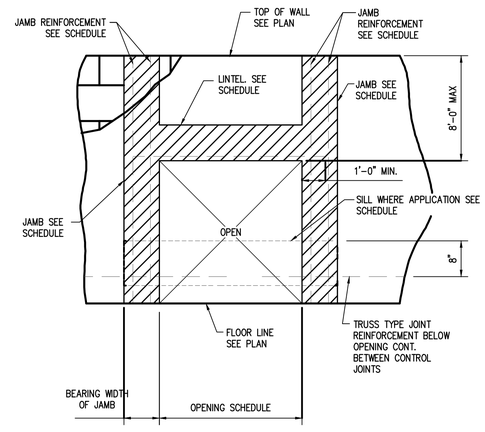
TYPICAL COLUMN TO BEAM BASE PLATE CONNECTION DETAIL

SCALE: 1" = 1'-0"



TYPICAL MASONRY WALL REINFORCING DETAILS

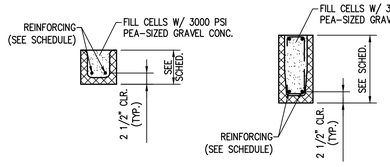
SCALE: 3/4" = 1'-0"



CMU LINTEL/SILL SCHEDULE–CONCRETE MASONRY UNITS		
OPENING SIZE (UP TO & INCLUDING)	LINTEL/SILL "U-BLOCK" SIZE AND REINFORCING	JAMB REINFORCING (BEAR LINTEL EA. END, FULL DIMENSIONS SHOWN)
4'-0"	16" "U-BLOCK" 2 - #4 (CONT., BOT.)	8x16 2 - #6 VERT.
6'-0"	16" "U-BLOCK 2 - #4 (CONT., BOT.)	8x16 2 - #6 VERT.
9'-0"	16" U-BLOCK" 2 - #5 (CONT., BOT.)	8x16 2 - #6 VERT.
11'-0"	16" "U-BLOCK" 2 - #5 (CONT., TOP & BOT.)	8x16 2 - #7 VERT.

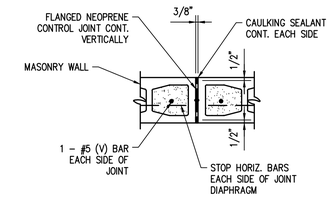
CMU LINTEL/SILL NOTES: (U.N.O.)

1. JAMBS TO EXTEND FROM SUPPORTING STRUCTURE/FLOOR LEVEL BELOW OPENING TO FLOOR LEVEL ABOVE OPENING.
2. ALL JAMBS ARE TO BE FILLED SOLID FULL HEIGHT W/ 3000 PSI PEA GRAVEL AGGREGATE CONCRETE
3. AT 16" "U-BLOCKS", PROVIDE #2 @ 24" O.C.

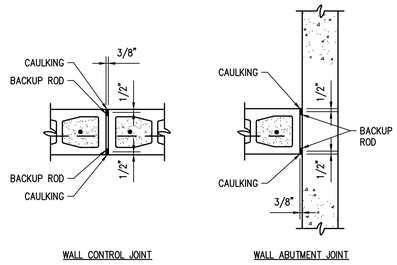


TYPICAL CONCRETE MASONRY LINTEL DETAIL

SCALE: 3/4" = 1'-0"



WALL CONTROL JOINT W/ FLANGED NEOPRENE



THIS DETAIL AS SHOWN IS INTENDED TO ILLUSTRATE A GENERAL CONCEPT OR METHOD OF CONSTRUCTION. DETAILS THAT SHOW DIFFERENT OR MODIFIED CONCEPTS OR METHODS CAN BE OF EQUAL VALIDITY AND SHOULD NOT BE EXCLUDED FROM CONSIDERATION. THIS DETAIL SHALL NOT BE USED FOR CONSTRUCTION WITHOUT THE APPROVAL AND SIGNATURE OF A LICENSED DESIGN PROFESSIONAL. THE PERSON USING THIS DETAIL SHALL BE RESPONSIBLE FOR ITS COMPLETE DESIGN AND PROPER APPLICATION.

MASONRY CONTROL JOINT DETAILS

SCALE: N.T.S.

CONSTRUCTION DOCUMENTS

YWCA Facility

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

AXIS ENGINEERING
CIVIL | STRUCTURAL
3500 N. CAUSEWAY BLVD., #200, METAIRIE, LA 70002
504.380.0800 OFFICE - INFO@AXISENGR.COM EMAIL

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL LOCAL, REGIONAL AND NATIONAL REQUIREMENTS. I AM OBSERVING THE WORK.

ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202

LICENSE NUMBER: 31593

STATE OF LOUISIANA
JAMES B. HEASLIP II
REG. No. 31593
REGISTERED PROFESSIONAL ENGINEER IN
CIVIL ENGINEERING

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	JRN
Checked By	JBH

Issue Date

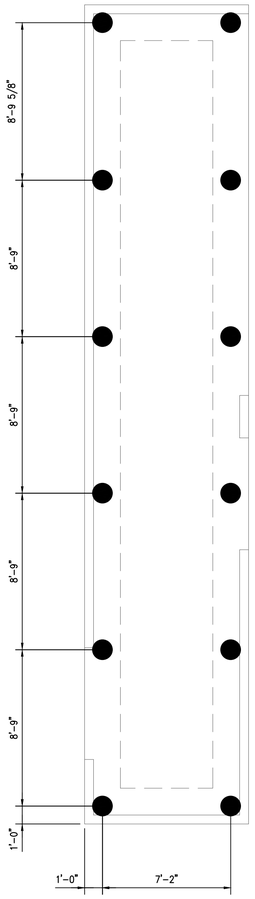
09/05/2023

Title

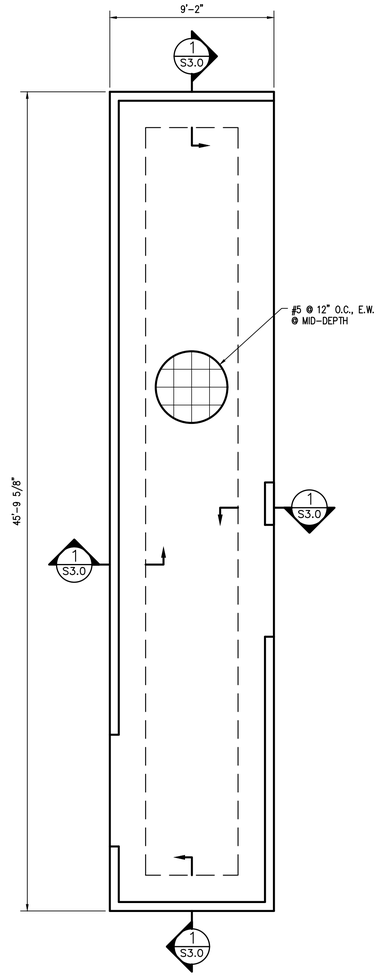
FRAMING DETAILS

Sheet

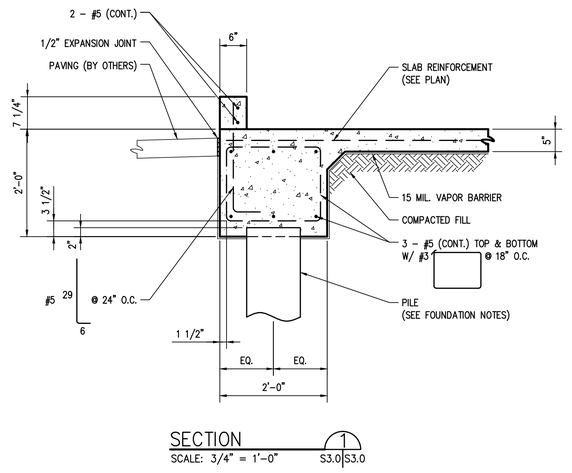
S2.8



STORAGE PILE PLAN
SCALE: 1/4" = 1'-0"



STORAGE FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



SECTION 1 S3.0|S3.0
SCALE: 3/4" = 1'-0"

PLAN NOTES:

1. FOR ALL NOTES, SEE DRAWING S1.0A – S1.0C.
2. TOP OF 5" SLAB ELEVATION 0'-0"; (RE.: ARCH.).
3. ● – SYMBOL ON PLAN INDICATES REGULAR DRIVEN PILE (SEE FOUNDATION NOTES, DRAWING S1.0A). TOTAL PILES = 12

CONSTRUCTION DOCUMENTS

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STORAGE PILE AND FOUNDATION PLANS & SECTION

Sheet
S3.0

AXIS ENGINEERING
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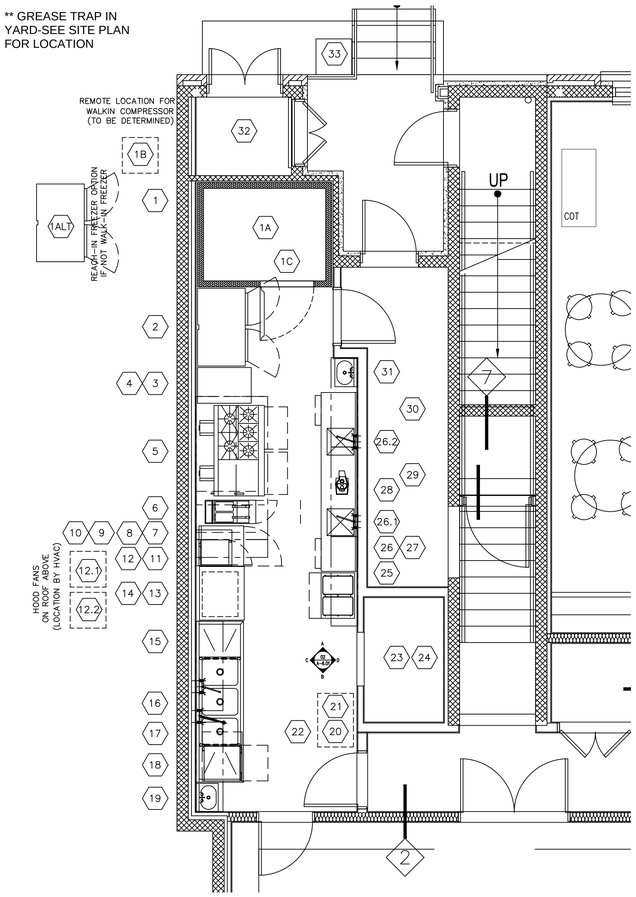
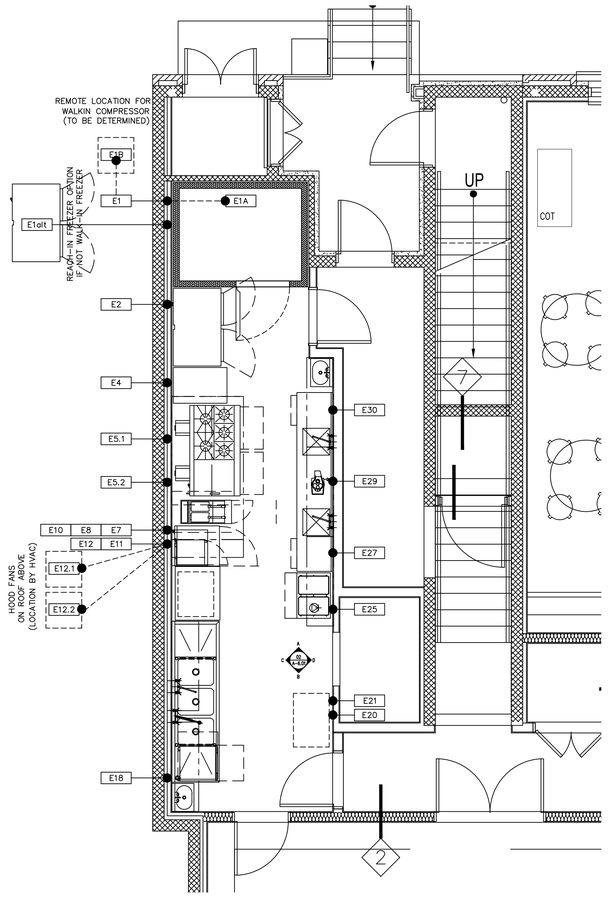
ENGINEER: JAMES B HEASLIP AE PROJECT #: 22202
LICENSE NUMBER: 31593

** GREASE TRAP IN YARD-SEE SITE PLAN FOR LOCATION



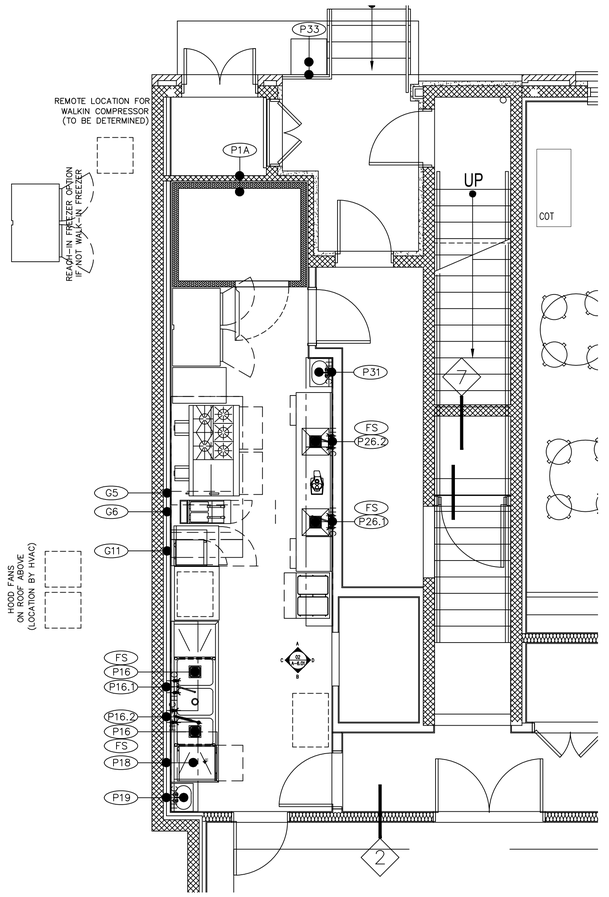
KITCHEN PLAN - LAYOUT

SCALE: 1/4"=1'-0"



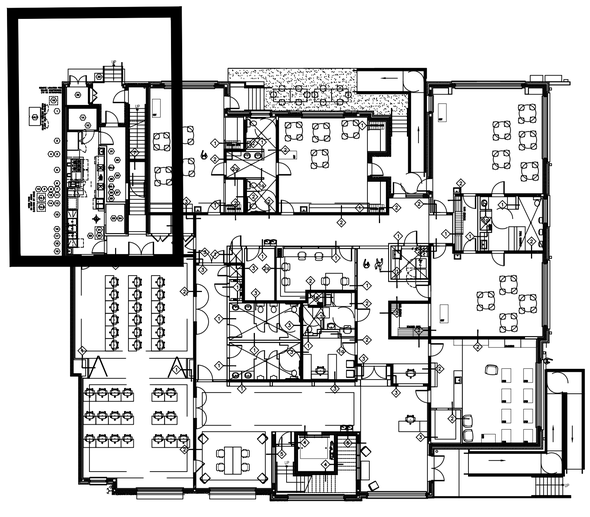
KITCHEN PLAN - ELECTRICAL

SCALE: 1/4"=1'-0"



KITCHEN PLAN - PLUMBING

SCALE: 1/4"=1'-0"



KITCHEN PLAN - KEY PLAN

SCALE: NTS

EQUIPMENT SCHEDULE

ITEM NO	REV #	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	ELECTRICAL: VOLTS	PHASE	AMPS	KW	HP	DIRECT	NEMA	PLUMBING: ELECTRICAL AFF (IN)	COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	WATER SUPPLY AFF (IN)	INDIR DRAIN SIZE (IN)	DIRECT DRAIN AFF (IN)	DIRECT DRAIN SIZE (IN)	GAS (CFH)	MBTUH	GAS AFF (IN)	EQUIPMENT REMARKS	ITEM NO
1	–	1	WALKIN FREEZER – BOX	ARCTIC	–	120	1	10.0	–	–	X	–	DFA	–	–	–	–	–	–	–	–	–	WITH INSULATED FLOOR	1
1A	–	1	WALKIN FREEZER – EVAPORATOR COIL FAN	ARCTIC	–	208	1	8.8	–	–	X	–	DFA	–	–	–	1	–	–	–	–	–	E.C. TO RUN CONTROL WIRES FROM #1B	1A
1B	–	1	WALKIN FREEZER – REFRIGERATION	ARCTIC	–	208	1	15.0	–	2.0	X	–	–	–	–	–	–	–	–	–	–	–	E.C. TO RUN CONTROL WIRES TO #1A	1B
1C	–	LOT	SHELVING UNITS	METRO	NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1C
1 ALT	–	1	FREEZER, REACH–IN, TWO DOOR	TRAULSEN	G22010	115	1	14.9	–	3/4	–	5–20P	84	–	–	–	–	–	–	–	–	–	ALTERNATE IF WALK–IN NOT USED	1 ALT
2	–	1	REFRIGERATOR, REACH–IN, TWO DOOR	TRAULSEN	G20010	115	1	8.5	–	1/3	–	5–15P	84	–	–	–	–	–	–	–	–	–	WITH CASTERS	2
3	–	1	SHELVING UNIT – POT & PAN STORAGE	METRO	PR2436NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH CASTERS	3
4	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5–20P	48	–	–	–	–	–	–	–	–	–	–	4
5	–	1	RANGE WITH 5 BURNERS AND 24" GRILL	SOUTHBEND	4605AA–2GL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3/4	307	18	WITH CONVECTION OVENS BELOW	5
5.1	–	1	** CONVECTION OVEN UNDER #5	SOUTHBEND	–	115	1	6.2	–	1/2	–	5–15P	24	–	–	–	–	–	–	–	–	–	–	5.1
5.2	–	1	** CONVECTION OVEN UNDER #5	SOUTHBEND	–	115	1	6.2	–	1/2	–	5–15P	24	–	–	–	–	–	–	–	–	–	–	5.2
6	–	1	FRYER	PITCO	SG14S	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3/4	110	18	–	6
7	–	1	WORKTOP REFRIGERATOR	RANDELL	9402–7	120	1	5.5	–	1/4	–	5–15P	26	–	–	–	1/2	–	–	–	–	–	WITH CASTERS	7
8	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5–20P	48	–	–	–	–	–	–	–	–	–	–	8
9	–	1	MICROWAVE WALL SHELF	EAGLE	MWS2424	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	9
10	–	1	MICROWAVE OVEN	PANASONIC	NE–1757	208	1	14.3	1.7	–	–	6–15P	70	–	–	–	–	–	–	–	–	–	–	10
11	–	1	FIRE SUPPRESSION SYSTEM	ANSUL	R102	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	EC TO MAKE INTER–CONNECTIONS	11
12	–	1	EXHAUST HOOD SYSTEM	CAPTIVE AIRE	ND2–PSP	120	1	10.0	–	–	X	–	DFA	–	–	–	–	–	–	–	–	–	WITH ELECTRIC CONTROL PANEL	12
12.1	–	1	** EXHAUST FAN FOR HOOD SYSTEM	CAPTIVE AIRE	–	208	3	1.8	–	1/2	X	–	DFA	–	–	–	–	–	–	–	–	–	1600 CFM – FAN ON ROOF	12.1
12.2	–	1	** SUPPLY FAN FOR HOOD SYSTEM	CAPTIVE AIRE	–	208	3	1.5	–	1/2	X	–	DFA	–	–	–	–	–	–	–	–	–	1280 CFM – FAN ON ROOF	12.2
13	–	–	SHELVING UNITS – CLEAN DISH & POT STORAGE	METRO	PR2436NK3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	1	CART	METRO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	ROLLS UNDER #13	14
15	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	15
16	–	1	3 COMPARTMENT SINK	EAGLE	314–18–3–24	–	–	–	–	–	–	–	–	–	–	–	1–1/2	–	–	–	–	–	–	16
16.1	–	1	FAUCET FOR POT SINK	T & S BRASS	B–0231–CC	–	–	–	–	–	–	–	–	1/2	1/2	14	–	–	–	–	–	–	–	16.1
16.2	–	1	PRE–RINSE SPRAY & FAUCET FOR POT SINK	T & S BRASS	B–0133–01	–	–	–	–	–	–	–	–	1/2	1/2	14	–	–	–	–	–	–	–	16.2
17	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	17
18	–	1	WAREWASHER, UNDERCOUNTER, HIGH TEMP	HOBART	LXH–4	120/208	1	18.0	3.0	–	X	–	12	–	3/4	14	1–1/2	–	–	–	–	–	WITH DETERGENT PUMPS	18
19	–	1	HAND SINK	EAGLE	HSA–10–F	–	–	–	–	–	–	–	–	1/2	1/2	14	–	1–1/2	20	–	–	–	WITH HANDS FREE NOZZLE	19
20	–	1	HEATED HOLDING CABINET	ALTO–SHAAM	1000–TH/II	120	1	17.0	1.9	–	–	5–20P	12	–	–	–	–	–	–	–	–	–	HALF SIZE WITH WORK TOP	20
21	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5–20P	48	–	–	–	–	–	–	–	–	–	–	21
22	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	22
23	–	LOT	SHELVING UNITS – DRY STORAGE	METRO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	1	CAN STORAGE UNIT WITH WORK TOP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH WORK TOP ON CASTERS	24
25	–	1	HOT FOOD TABLE – 2 WELL	DUKE	E302	120	1	12.5	1.5	–	–	5–15P	12	–	–	–	–	–	–	–	–	–	–	25
26	–	1	WORK TABLE WITH 2 PREP SINKS	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	WITH DRAWERS AND OPEN STORAGE UNDER	26
26.1	–	1	** FAUCET FOR PREP SINK #26	T & S BRASS	B–0231–CC	–	–	–	–	–	–	–	–	1/2	1/2	14	1–1/2	–	–	–	–	–	SINK WITH COVER FOR ADDITIONAL WORKSPACE	26.1
26.2	–	1	** FAUCET FOR PREP SINK #26	T & S BRASS	B–0231–CC	–	–	–	–	–	–	–	–	1/2	1/2	14	1–1/2	–	–	–	–	–	SINK WITH COVER FOR ADDITIONAL WORKSPACE	26.2
27	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5–20P	48	–	–	–	–	–	–	–	–	–	–	27
28	–	1	WALL SHELF – 2 TIER	EAGLE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GC TO PROVIDE BLOCKING IN WALL FOR SUPPORT	28
29	–	1	FOOD PROCESSOR	ROBOT COUPE	R2N	120	1	7.0	–	1/2	–	5–15P	48	–	–	–	–	–	–	–	–	–	–	29
30	–	1	COUNTER TOP ITEM – BY OWNER	TBD	–	120	1	20CIR	–	–	–	5–20P	48	–	–	–	–	–	–	–	–	–	–	30
31	–	1	HAND SINK	EAGLE	HSA–10–F	–	–	–	–	–	–	–	–	1/2	1/2	14	–	1–1/2	20	–	–	–	WITH HANDS FREE NOZZLE	31
32	–	1	TRASH AREA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	FD	–	–	–	–	BY GENERAL CONTRACTOR	32
33	–	1	MOP SINK / CAN WASH	–	–	–	–	–	–	–	–	–	–	1/2	1/2	36	–	3–1/2	–	–	–	–	BY PLUMBER	33
34–39	–	1	SPARE NUMBERS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	34–39
40	–	1	MILK COOLER	BEVERAGE–AIR	SMF34–S	115	1	8.2	–	1/2	–	5–15P	12	–	–	–	–	–	–	–	–	–	REMOTE LOCATION	40

<<< IMPORTANT NOTES >>>

1) THIS PLAN IS TO BE CONSIDERED A SUPPLEMENT TO ARCHITECT PLAN TO ASSIST CONTRACTOR IN FIELD. THIS PLAN DOES NOT TAKE PLACE OF ARCHITECT'S AND ENGINEER'S PLANS.

2) REFERENCE SECTION 11400 FOR EQUIPMENT SPECIFICATIONS.

3) FLOOR SINKS ARE SHOWN ON H&R PLAN FOR INDIRECT DRAIN ITEMS. FLOOR DRAINS BY PLUMBER ARE NOT SHOWN ON THIS PLAN.

4) GC TO PROVIDE BLOCKING IN WALLS FOR SUPPORT OF ITEMS TO BE HUNG ON WALLS LISTED IN EQUIPMENT SCHEDULE.

5) ALL EQUIPMENT UNDER EXHAUST HOOD SYSTEM IS TO BE ON A SHUNT TRIP BREAKER BY ELECTRICIAN TO TURN OFF EQUIPMENT WHEN FIRE SUPPRESSION SYSTEM IS ACTIVATED.

BID DOCUMENTS

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CONTRACTOR NAME

Address 1
Address 2

T (area code) number

NOT FOR CONSTRUCTION

Revisions

Interoffice Data

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Drawn By	
Checked By	

Issue Date

08/05/2021
(RE-ISSUE 7/12/2023)

Title

KITCHEN

Sheet

FS–1

STANDARD HVAC SYMBOL LEGEND

NOTE: SYMBOL LEGEND IS FOR IDENTIFICATION PURPOSES ONLY. REFER TO PLANS, SCHEDULES, DETAILS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.

MARK	DESCRIPTION
20x10	RECT. DUCT SIZE (CLEAR DIMENSIONS)
20 X 10	DUCT SECTION (FIRST FIGURE IS TOP)
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	DUCT (TURNED UP)
	DUCT (TURNED DOWN)
	FLEXIBLE CONNECTION
MVD	MANUAL VOLUME DAMPER (MVD) WITH ACCESS PANEL
FD	FIRE DAMPER WITH ACCESS PANEL
SD	SMOKE DAMPER WITH ACCESS PANEL
FSD	COMBINATION FIRE/SMOKE DAMPER WITH ACCESS PANEL
	CEILING DIFFUSER ASSEMBLY, ARROWS INDICATE AIR PATTERN NO ARROWS INDICATE 4-WAY. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	DUCTED CEILING RETURN AIR REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	EXHAUST REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	SIDEWALL RETURN REGISTER/GRILLE
	SIDEWALL SUPPLY REGISTER/GRILLE
CFM / SIZE / A	AIR DISTRIBUTION DEVICE, CFM ON TOP, NECK SIZE ON BOTTOM, SEE AIR DEVICE SCHEDULE.– DENOTES NO SPECIFIC AIRFLOW REQUIREMENT.
SD	SMOKE DETECTOR
T	THERMOSTAT
H	HUMIDISTAT
TS	TEMPERATURE SENSOR
	NEW MECHANICAL UNIT
	ELBOW TURNED UP
	ELBOW TURNED DOWN

STANDARD ABBREVIATION LEGEND

MARK	DESCRIPTION
U.N.O.	UNLESS NOTED OTHERWISE
A.F.F.	ABOVE FINISHED FLOOR
N.I.C.	NOT IN CONTRACT
A.F.G.	ABOVE FINISHED GRADE
V.F.D.	VARIABLE FREQUENCY DRIVE
M.V.D.	MANUAL VOLUME DAMPER

STANDARD NOTE SYMBOL LEGEND

MARK	DESCRIPTION
1	FLOOR PLAN OR DRAWING OTHER THAN DETAIL
1 / M-1	DETAIL REFERENCE: (SHOWN UNDER PLANS) NUMBER DENOTES DETAIL NUMBER LETTER "M" DENOTES SHEET ON WHICH DETAIL IS DRAWN

MECHANICAL GENERAL NOTES:

1. COORDINATE AIR DEVICE LOCATIONS WITH OTHER TRADES.
2. DUCT SIZES REFLECT FREE AREA DIMENSIONS.
3. INSTALL DUCT WORK TIGHT TO AND SUSPENDED FROM STRUCTURE ABOVE, TRANSITION DOWN TO CROSS BENEATH BEAMS.
4. COORDINATE EXACT DUCT ROUTE AND DROPS WITH STRUCTURE, PLUMBING LINES, ELECTRICAL SYSTEMS, AND SPECIAL SYSTEMS.
5. MOUNT THERMOSTATS 48" A.F.F., COORDINATE EXACT LOCATION WITH ARCHITECT.
6. REFER TO ARCHITECTURAL PLANS FOR WALL, FLOOR, AND ROOF PENETRATION DETAILS.
7. PROVIDE FLEX CONNECTIONS FOR ALL DUCT CONNECTIONS TO FAN POWERED EQUIPMENT. DOES NOT APPLY TO GREASE DUCT OR WHERE SPECIFICALLY NOTED OTHERWISE.
8. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL MECHANICAL SYSTEMS SHALL BE CONCEALED IN FINISHED SPACES.
9. NO MECHANICAL EQUIPMENT, DUCT, OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANEL. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
10. DUCT SMOKE DETECTORS ARE TO BE PROVIDED UNDER DIVISION 26 AND INSTALLED UNDER DIVISION 23. INTERLOCK WITH AIR HANDLER TO DE-ENERGIZE UNIT UPON ACTIVATION.
11. FRESH AIR INTAKES SHALL BE A MINIMUM 10' FROM EXHAUST OUTLETS AND PLUMBING VENTS.
12. INSTALL MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS TO AIR DEVICES. BRANCH DUCT DAMPERS NOT SHOWN FOR CLARITY.
13. ALL EQUIPMENT REQUIRING POWER AND/OR CONTROLS WILL BE WIRED APPROPRIATELY INCLUDING, BUT NOT LIMITED TO AHU'S, SMOKE DAMPERS, REFRIGERATION AND HVAC UNITS, ETC.
14. PROVIDE ACCESS PANELS IN HARD CEILINGS WHERE MECH. ACCESS IS REQUIRED. REFER TO ARCHITECTURAL PLANS FOR PREFERRED LOCATIONS, AND COORDINATE LOCATIONS WITH OTHER TRADES TO FACILITATE ACCESS TO MULTIPLE TRADES THROUGH SINGLE PANEL. INCLUDE PANEL LOCATIONS ON COORDINATION DRAWINGS FOR APPROVAL.

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.

Engineer _____

License Number 26162

Periodic site visits will (will not) be made by our firm

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
REGISTERED
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

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Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Mechanical Legend and Notes

Sheet
M001

SHEET SIZE 24" x 36"
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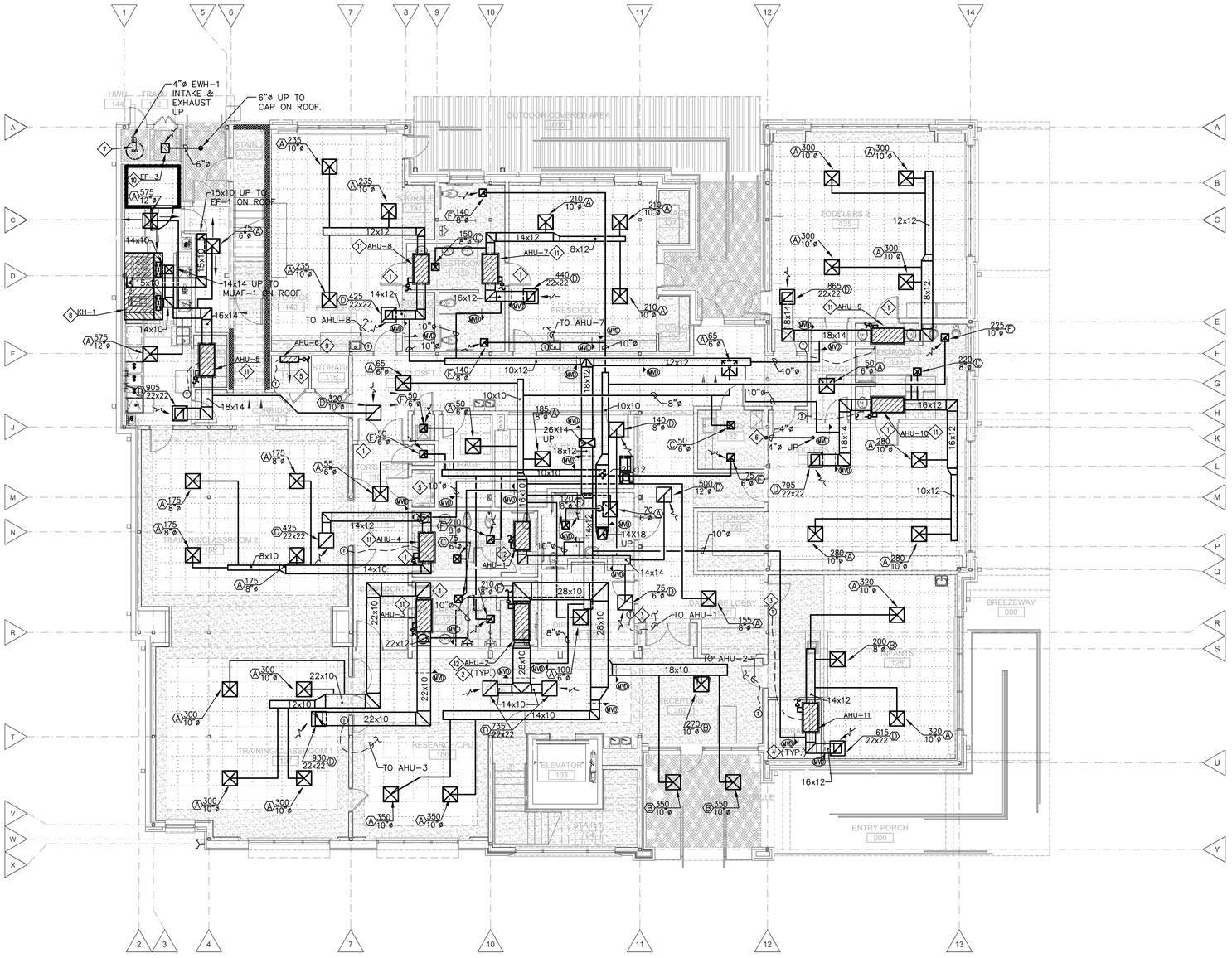
qnguyen



1 MECHANICAL PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

MECHANICAL SPECIFIC NOTES:

1. UNDERCUT DOOR 3/4".
2. DX SPLIT HORIZONTAL AIR HANDLER UNIT SUSPENDED FROM ABOVE INSIDE OF 18GA. GALVANIZED DRAIN PAN WITH 3/4", INSULATED CONDENSATE DRAIN COMPLETE WITH P-TRAP. INSTALL UNIT TIGHT TO STRUCTURE ABOVE. SLOPE DRAIN TO NEAREST WASTE/VENT STACK AND HARD CONNECT. PROVIDE FLOAT SWITCH IN DRAIN PAN INTERLOCKED WITH UNIT TO DE-ENERGIZE SYSTEM UPON ACTIVATION. PROVIDE DRAIN FROM PAN COMPLETE WITH SHUTOFF VALVE AND CONNECT TO COIL DRAIN DOWNSTREAM OF P-TRAP. PROVIDE FELX CONNECTIONS ON SUPPLY AND RETURN DUCT CONNECTIONS. FIELD ROUTE REFRIGERANT PIPING IN CEILING. REFRIGERANT PIPING NOT SHOWN ON PLANS.
3. NOT USED.
4. BALANCE TO O.A./R.A. QUANTITIES SHOWN IN EQUIPMENT SCHEDULES, TYPICAL ALL O.A./R.A. DUCT CONNECTIONS.
5. DO NOT ROUTE DUCT OR DRAIN PIPE IN PLAIN ABOVE ELECTRICAL PANELS. COORDINATE WITH ELECTRICAL & OFFSET AS REQUIRED.
6. 4"ø DRYER EXHAUST DUCT. PROVIDE 90° ELBOW IN WALL FOR DRYER FLEX CONNECTION. ROUT DUCT VERTICALLY IN WALL THEN TURN HORIZONTAL TO CEILING SPACE AND ROUTE TO ROOF PENETRATION. PROVIDE TEE WITH REMOVABLE CAP AT ALL DRYER EXHAUST CHANGES IN DIRECTION TO FACILITATE CLEANING. TERMINATE AT ROOF WITH DRYER ROOF CAP.
7. 4" CPVC INTAKE AND EXHAUST VENT FOR WH-1.
8. STAINLESS STEEL KITCHEN HOOD SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIP PLAN. COORDINATE KITCHEN HOOD DUCT CONNECTIONS WITH HOOD MANUFACTURER AND TRANSITION AS NECESSARY. SEE DETAILS FOR HOOD MOUNTING AND CLEARANCES.
9. DX DUCTLESS MINI-SPLIT AIR HANDLER MOUNTED HIGH ON WALL. SLOPE 3/4" INSULATED DRAIN LINE TO NEAREST WASTE/VENT STACK AND HARD CONNECT. PROVIDE INTEGRAL CONDENSATE PUMP (CONCEALED) AS REQUIRED.
10. CEILING MOUNTED EXHAUST FAN COMPLETE WITH BACKDRAFT DAMPER. ROUTE EXHAUST DISCHARGE DUCT VERTICAL THROUGH ROOF TO ROOF CAP.
11. FRAME OUT WALL ABOVE LAY-IN CEILING ADJACENT TO AHU FOR SERVICE & MAINTENANCE ACCESS. OPENING SHALL BE LARGE ENOUGH TO REMOVE UNIT.
12. PROVIDE ACCESS PANEL IN HARD CEILING FOR AHU SERVICE & MAINTENANCE.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Title
Mechanical Plan
First Floor

Sheet
M111

SHEET SIZE 24" x 36"
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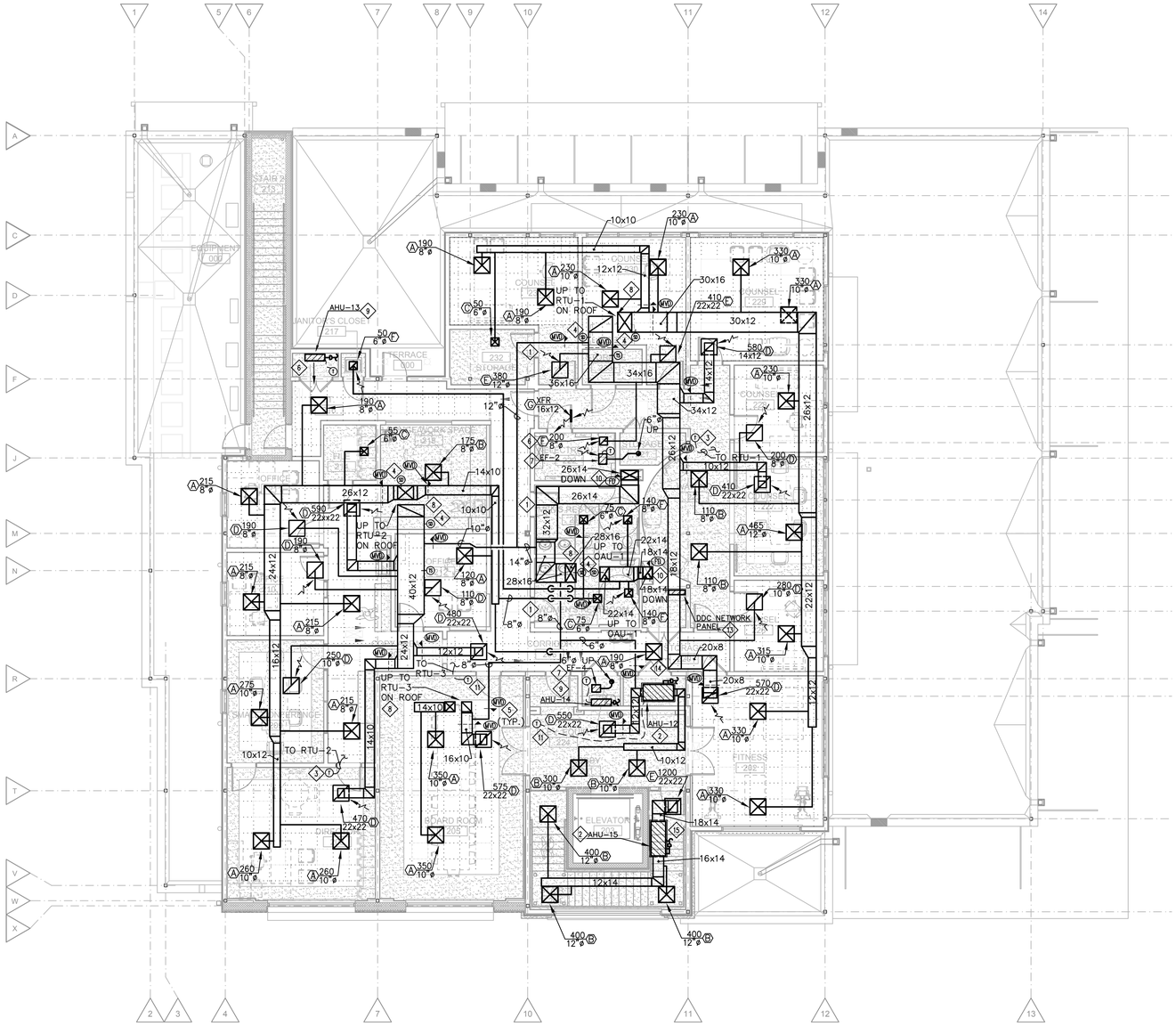
qnguyen



1 MECHANICAL PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

MECHANICAL SPECIFIC NOTES:

1. UNDERCUT DOOR 3/4".
2. DX SPLIT HORIZONTAL AIR HANDLER UNIT SUSPENDED FROM ABOVE INSIDE OF 18GA. GALVANIZED DRAIN PAN WITH 3/4", INSULATED CONDENSATE DRAIN COMPLETE WITH P-TRAP. SLOPE DRAIN TO NEAREST WASTE/VENT STACK. PROVIDE FLOAT SWITCH IN DRAIN PAN INTERLOCKED WITH UNIT TO DE-ENERGIZE SYSTEM UPON ACTIVATION. PROVIDE DRAIN FROM PAN COMPLETE WITH SHUTOFF VALVE AND CONNECT TO COIL DRAIN DOWNSTREAM OF P-TRAP. PROVIDE FLEX CONNECTIONS ON SUPPLY AND RETURN DUCT CONNECTIONS. FIELD ROUTE REFRIGERANT LINES. REFRIGERANT PIPING NOT SHOWN ON PLANS. PROVIDE ACCESS PANEL IN LOBBY-201 AND FRAME OUT WALL ABOVE CEILING ADJACENT TO UNIT FOR SERVICE & MAINTENANCE ACCESS.
3. PROVIDE THERMOSTAT WITH REMOTE TEMP. SENSOR, LOCATED IN RETURN TRUNK UPSTREAM OF OUTSIDE AIR CONNECTION.
4. SMOKE DETECTOR IN SUPPLY AND RETURN DUCT. DETECTORS TO BE PROVIDE BY ELECTRICAL DIVISION AND INSTALLED BY MECHANICAL DIVISION. DETECTORS TO BE INTERLOCKED WITH FIRE ALARM SYSTEM TO DE-ENERGIZE UNIT UPON ACTIVATION.
5. BALANCE TO O.A./R.A. QUANTITIES SHOWN IN EQUIPMENT SCHEDULES, TYPICAL ALL O.A./R.A. DUCT CONNECTIONS.
6. DO NOT ROUTE DUCT OR DRAIN PIPE IN PLAIN ABOVE ELECTRICAL PANELS. COORDINATE WITH ELECTRICAL & OFFSET AS REQUIRED.
7. CEILING MOUNTED EXHAUST FAN COMPLETE WITH BACKDRAFT DAMPER. ROUTE EXHAUST DISCHARGE DUCT VERTICAL THROUGH ROOF TO ROOF CAP.
8. TRANSITION SUPPLY AND RETURN DUCT TO ROOFTOP UNIT CONNECTION SIZE IN VERTICAL.
9. DX DUCTLESS MINI-SPLIT AIR HANDLER MOUNTED HIGH ON WALL. SLOPE 3/4" INSULATED DRAIN LINE TO NEAREST WASTE/VENT STACK. PROVIDE INTEGRAL CONDENSATE PUMP (CONCEALED) AS REQUIRED.
10. PROVIDE FIRE DAMPER AT FLOOR PENETRATION.
11. NOT USED.
12. NOT USED.
13. WALL MOUNTED DDC CONTROL PANEL FOR BUILDING AUTOMATION SYSTEM. COORDINATE POWER AND DATA REQUIREMENTS WITH DIV. 16 AND OWNER. COORDINATE EXACT LOCATION WITH ARCHITECT.
14. FRAME OUT WALL ABOVE LAY-IN CEILING ADJACENT TO AHU FOR SERVICE & MAINTENANCE ACCESS. OPENING SHALL BE LARGE ENOUGH TO REMOVE UNIT.
15. PROVIDE ACCESS PANEL IN HARD CEILING FOR AHU SERVICE & MAINTENANCE.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Checked By	C.H.

Issue Date
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(RE-ISSUE 7/12/2023)

Title
Mechanical Plan
Second Floor

Sheet
M121

SHEET SIZE 24" x 36"
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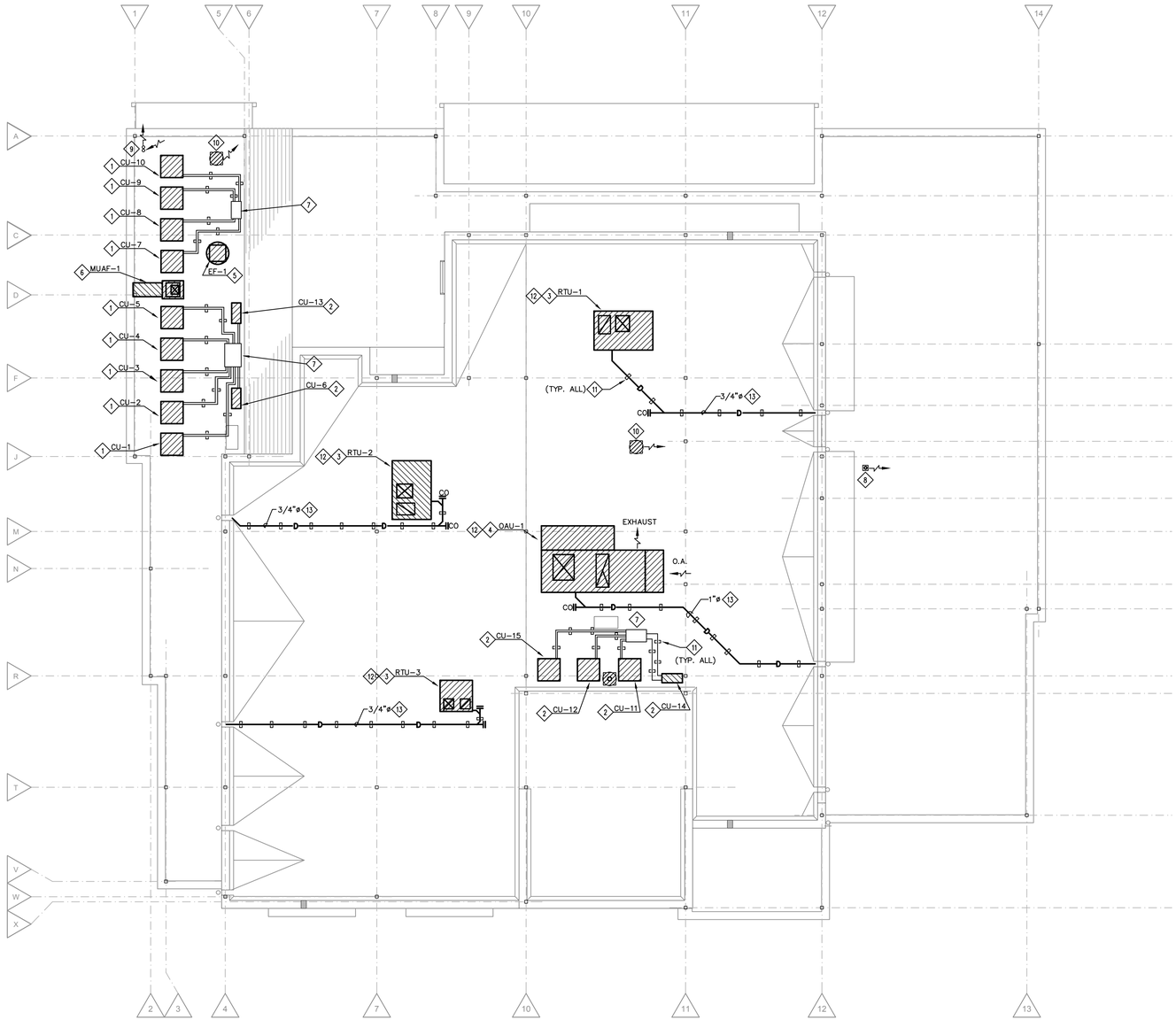
qnguyen



MECHANICAL SPECIFIC NOTES:

1. CONDENSING UNIT ON MECHANICAL PLATFORM. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO PLATFORM. SIZE ALL REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. ROUTE ALONG ROOF AND PENETRATE ROOF THROUGH ROOF COWL TO RESPECTIVE AIR HANDLERS. PROVIDE PROPER MAINTENANCE CLEARANCES AROUND UNIT. PROVIDE WEATHERPROOF COATING FOR ALL INSULATION EXPOSED TO OUTDOORS.
2. CONDENSING UNIT ON EQUIPMENT ROOF SUPPORTS. PATE ES SERIES OR EQUAL. LOCATE SUPPORTS AS PER MANUFACTURERS RECOMMENDATIONS. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. SIZE ALL REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. ROUTE ALONG ROOF AND PENETRATE ROOF THROUGH ROOF COWL TO RESPECTIVE AIR HANDLERS. PROVIDE PROPER MAINTENANCE CLEARANCES AROUND UNIT. PROVIDE WEATHERPROOF COATING FOR ALL INSULATION EXPOSED TO OUTDOORS.
3. DX PACKAGED ROOFTOP UNIT WITH BOTTOM SUPPLY AND RETURN MOUNTED ON NEW FACTORY INSULATED ROOF CURB. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. PROVIDE 3/4" SCHEDULE 40 PVC CONDENSATE DRAIN LINE WITH P-TRAP AND UV COATING. PROVIDE SUPPORTS AT 4' O.C. AND SLOPE TO DOWNSPOUT.
4. DX PACKAGED OUTSIDE AIR UNIT WITH BOTTOM SUPPLY AND EXHAUST MOUNTED ON NEW FACTORY INSULATED ROOF CURB. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 1/2" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. PROVIDE 1" SCHEDULE 40 PVC CONDENSATE DRAIN LINE WITH P-TRAP AND UV COATING. PROVIDE SUPPORTS AT 4' O.C. AND SLOPE TO DOWNSPOUT.
5. KITCHEN HOOD EXHAUST FAN AND CURB SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN. INSTALLED BY CONTRACTOR. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. EXHAUST SHALL TERMINATE 40" ABOVE ROOF AND 10' FROM VERTICAL EXTERIOR WALLS AS PART OF THE CONTIGUOUS ROOF.
6. KITCHEN HOOD SUPPLY FAN AND CURB SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN. INSTALLED BY CONTRACTOR. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR EQUIPMENT TO CURB. INTAKE SHALL BE A MINIMUM OF 10' FROM ALL EXHAUST AND PLUMBING VENTS.
7. PIPE HOOD FOR REFRIGERANT LINES. COORDINATE EXACT LOCATION WITH ROOF STRUCTURE. REFER TO DETAIL.
8. 4"ø DRYER EXHAUST UP FROM 1ST FLOOR. TERMINATE ABOVE ROOF WITH ROOF CAP COMPLETE WITH BACKDRAFT DAMPER.
9. 4" CPVC INTAKE AND EXHAUST VENT FOR WH-1 UP FROM 1ST FLOOR. VENT MUST TERMINATE AT LEAST 3 FEET ABOVE THE HIGHEST PLACE IN WHICH THE VENT PENETRATES THE ROOF AND AT LEAST 2 FEET ABOVE ANY PART OF THE BULIDING WITHIN 10 HORIZONTAL FEET. SEE MANUFACTURER'S MANUAL FOR ALTERNATE CONFIGURATIONS.
10. EXHAUST DISCHARGE AT ROOF. PROVIDE ROOF CAP EQUAL TO GREENHECK GRSR-8 MOUNTED ON FACTORY INSULATED ROOF CURB COMPLETE WITH BACKDRAFT DAMPER AND INSECT SCREEN. PROVIDE 2" #10 TECH SCREWS 24" O.C. TO ANCHOR ROOF CAP TO CURB. CURB SHALL BE THROUGH BOLTED TO ROOF DECK WITH 3/8" GALV BOLTS AT CURB FLANGE ON 4' CENTERS. PROVIDE MINIMUM TWO BOLTS PER CURB ON OPPOSING SIDES. PROVIDE 3" DIA. WASHERS AND NYLON LOCK NUTS BELOW ROOF DECK. PROVIDE AND INSTALL 1" WIDE 18GA. STRAPS TO CURB IN BOTH DIRECTIONS FOR HIGH WIND PROTECTION. SEE DETAIL.
11. TYPICAL PIPE SUPPORTS B-LINE, C-PORT WITH UNISTRUT AND CLAMP AT 4'-0" CENTERS. CEMENT TO ROOF. COORDINATE EXACT LOCATION IN FIELD.
12. PROVIDE SEALED DUCTED CONNECTIONS TO RTU SUPPLY AND RETURN. ROOF CURB SHALL NOT SERVE AS PLENUM.
13. TERMINATE CONDENSATE DRAIN AT SCUPPER. LOCATE PIPING SUPPORTS TO MINIMIZE IMPACT ON ROOF DRAINAGE.

1 MECHANICAL ROOF PLAN

SCALE: 1/8"=1'-0"

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Mechanical Roof Plan

Sheet

M131

SHEET SIZE 24" x 36"
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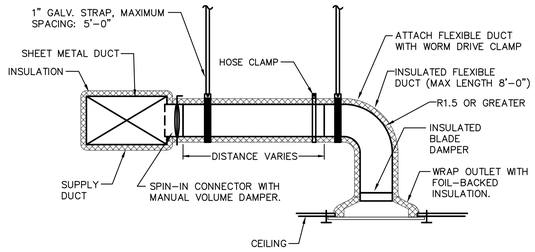

1 CEILING OUTLET DETAIL
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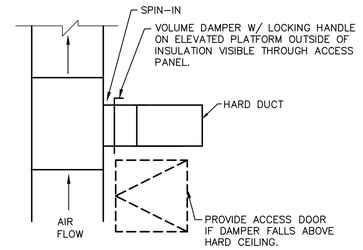

NOTE:
DETAIL APPLIES TO ALL SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DUCTS.

2 SPIN IN DETAIL
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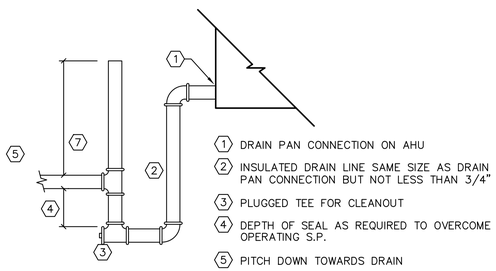

3 AHU COOLING COIL CONDENSATE TRAP
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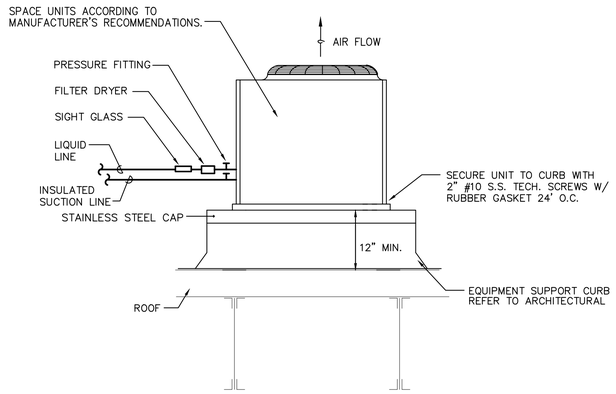

4 ROOF MOUNTED CONDENSING UNIT DETAIL
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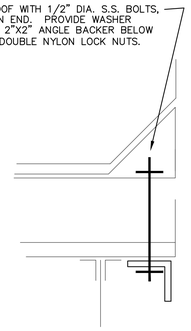

5 ROOF EQUIPMENT ANCHOR DETAIL
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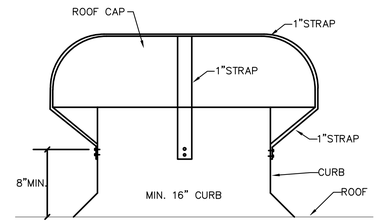

6 ROOF CAP STRAP DETAIL
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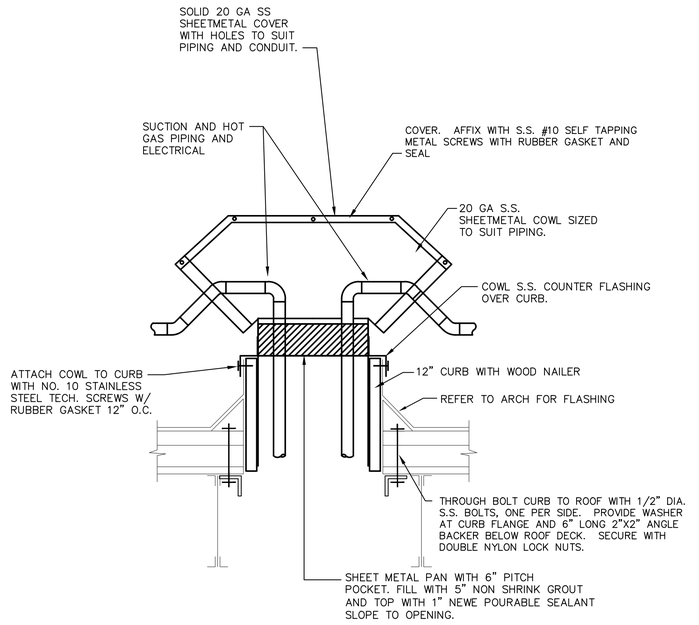

7 ROOF COWL DETAIL
SCALE: NONE

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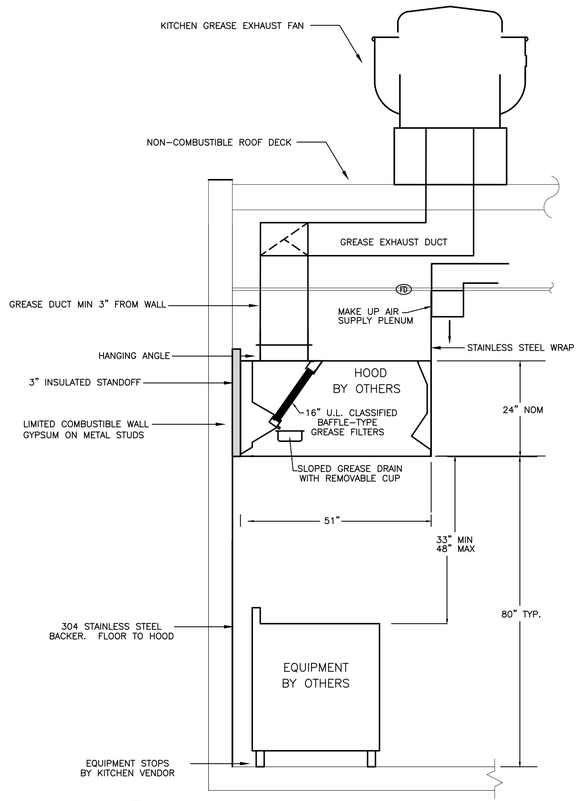
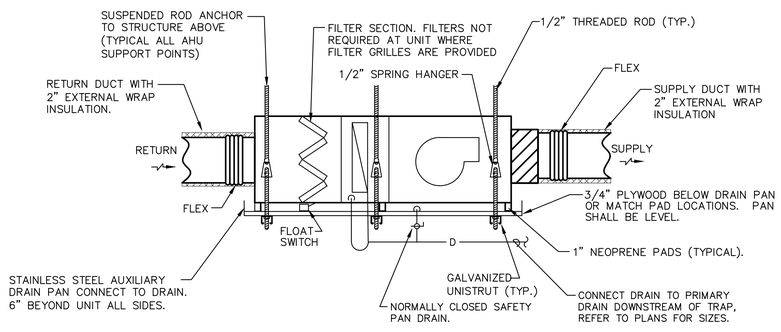
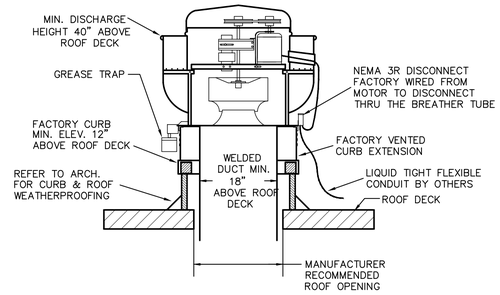
M:\1800-SERIES\1882\1882-MECH\1882-M201_MECH DETAILS
qnguyen



1 HOOD INSTALLATION DETAIL
SCALE: NONE



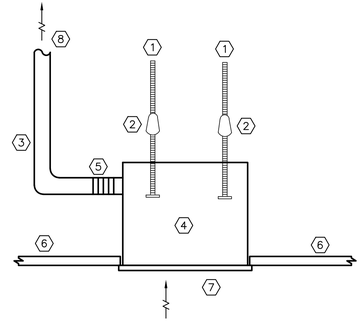
2 SUSPENDED HORIZONTAL AIR HANDLING UNIT DETAIL
SCALE: NONE



NOTE: FAN & CURB SHALL PROVIDED BY KITCHEN EQUIPMENT VENDOR.

3 KITCHEN GREASE EXHAUST FAN DETAIL
SCALE: NONE

1. 3/8" HANGER RODS TO STRUCTURE ABOVE (TYP.)
2. VIBRATION ISOLATORS
3. DUCT SIZE AS SHOWN ON PLANS
4. CABINET EXHAUST FAN
5. FLEX CONNECTION (TYP.)
6. FINISHED CEILING
7. PERFORATED GRILLE SUPPLIED W/ EF. FINISH TO BE COORDINATED W/ ARCHITECT.
8. ROUTE EXHAUST DUCT TO ROOF PENETRATION.



4 CEILING EXHAUST FAN DETAIL
SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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BID DOCUMENTS

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CONTRACTOR NAME
Address 1
Address 2
T (area code) number

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Drawn By	K.H.
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M202

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-MECH\1882-M202_MECH DETAILS
qnguyen

AIR DEVICE SCHEDULE

TAG	CFM	NECK SIZE	FACE SIZE	FINISH	TYPE	MODEL:	NOTES:
A	SEE PLANS	VARIES	24x24	WHITE	LAY-IN	NAILOR A UNI	1,2,3
B	SEE PLANS	VARIES	24x24	WHITE	SURFACE	NAILOR A UNI	1,2
C	SEE PLANS	VARIES	12x12	WHITE	SURFACE	NAILOR A UNI	1,2
D	SEE PLANS	VARIES	24x24	WHITE	LAY-IN	NAILOR 5145H	2,3
E	SEE PLANS	VARIES	24x24	WHITE	SURFACE	NAILOR 5145H	2,3
F	SEE PLANS	VARIES	12x12	WHITE	SURFACE	NAILOR 5145H	2,3
G	SEE PLANS	16x12	18x14	WHITE	SURFACE	NAILOR 51DGD	3

NOTES:
1. PROVIDE STEEL OPPOSED BLADE DAMPER WITH KEY OPERATION THROUGH DIFFUSER AIR DEVICES WITH ROUND CONNECTIONS SHALL USE BUTTERFLY DAMPERS.

AIR HANDLING UNIT SCHEDULE

TAG	SERVICE	AIRFLOW		FAN		UNIT COOLING CAPACITY			HEATING		ELECTRICAL			MODEL:	NOTES:
		TOTAL CFM	OA CFM	HP	ESP (INWG)	EAT DB/WB (DEG F)	LAT DB/WB (DEG F)	NUMBER STAGES	CAPACITY (KW)	NO. STAGES	V/PH/HZ	MCA	MOP		
AHU-1	SEE PLANS	945	230	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-2	SEE PLANS	1670	195	3/4	0.5	75/62.4	55/54	1	15	2	460/3/60	24.2	25	YORK - MP16/CM48	1,2,3,4
AHU-3	TRAINING/CLASSROOM 1	1200	270	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-4	TRAINING/CLASSROOM 2	700	275	1/4	0.5	75/62.4	55/54	1	8	2	208/1/60	36.4	40	YORK MODEL A P	1,2,3,4
AHU-5	KITCHEN	1225	100	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-6	IT-115	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-7	PRESCHOOL 1	780	290	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-8	PRESCHOOL 2	705	280	1/4	0.5	75/62.4	55/54	1	8	2	208/1/60	36.4	40	YORK MODEL A P	1,2,3,4
AHU-9	TODLERS 2	1200	335	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-10	TODLERS 1	1110	315	3/4	0.5	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4
AHU-11	INFANTS	840	225	1/4	0.5	75/62.4	55/54	1	10	2	208/3/60	26.8	30	YORK MODEL A P	1,2,3,4
AHU-12	LOBBY -201	600	50	1/4	0.5	75/62.4	55/54	1	5	2	208/1/60	23.4	25	YORK MODEL A P	1,2,3,4
AHU-13	IT-216	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-14	ELEV. EQUIP-224	380	N/A	30W	N/A	75/62.4	55/54	1	N/A	N/A	208/1/60	1	15	MITSUBISHI MODEL PKA-A12HA7	1,2,5,6
AHU-15	STAIR	1200	0	3/4	0.333	75/62.4	55/54	1	10	2	460/3/60	16.5	20	YORK - MP12/CM36	1,2,3,4

NOTES:
1. UNIT COOLING REFLECTS COIL DISCHARGE TEMPERATURE WITH 2 DEG F ALLOWANCE FOR FAN TEMP RISE. ADJUST COIL AS REQUIRED TO ACCOUNT FOR HIGHER FAN LOSS.
2. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS.
3. PROVIDE SINGLE POINT POWER CONNECTION. PROVIDE DRAIN PAN FLOAT SWITCH
4. UNIT SHALL OPERATE IN CONTINUOUS FAN MODE WHILE IN OCCUPIED MODE
5. POWER TO BE PROVIDED VIA CORRESPONDING CU, REFER TO CU SCHEDULE FOR REQUIREMENTS.
6. UNIT TO BE COOLING ONLY DX SPLIT SYSTEM WITH CONDENSING UNIT. PROVIDE ALL REQUIRED HANGING BRACKETS, VIBRATION ISOLATORS, ETC. FOR WALL MOUNT INSTALLATION. T-STAT TO BE HARDWIRED WALL MOUNT.

REPLACE 14 SEER FOR 16 SEER MINIMUM

CONDENSING UNIT SCHEDULE

TAG	SERVICE	SEER	CAPACITY (BTUH)	REFRIG.	AMBIENT AIR TEMP (DEG F)	ELECTRICAL			MODEL:	NOTES:
						V/PH/HZ	MCA	MOP		
CU-1	AHU-1	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-2	AHU-2	14	48,000	R410A	95	208/1/60	25.7	45	YORK MODEL YFE	1,2
CU-3	AHU-3	14	36,000	R410A	95	208/1/60	20.5	35	YORK MODEL YFE	1,2
CU-4	AHU-4	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-5	AHU-5	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-6	AHU-6	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-7	AHU-7	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-8	AHU-8	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-9	AHU-9	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-10	AHU-10	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2
CU-11	AHU-11	14	24,000	R410A	95	208/1/60	13.6	20	YORK MODEL YFE	1,2
CU-12	AHU-12	14	17,800	R410A	95	208/1/60	10	15	YORK - YCJD18	1,2
CU-13	AHU-13	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-14	AHU-14	20.8	12,000	R410A	95	208/1/60	11	30	MITSUBISHI MODEL PUY-A12NKA7	1,2,3
CU-15	AHU-15	14	36,000	R410A	95	208/1/60	20.5	30	YORK MODEL YFE	1,2

NOTES:
1. PROVIDE LOW AMBIENT KIT, FACTORY INSTALLED HAIL GUARD, AND ANTI-SHORT CYCLE TIMER.
2. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. OUTDOOR UNIT (CU) POWER REQUIREMENTS INCLUDE POWER FOR INDOOR UNIT (AHU). ELEC TO ROUTE CONDUIT FROM TERMINAL BLOCKS AT CU TO DISCONNECT SWITCH AT AHU PROVIDED BY ELECTRICAL.

100% OUTSIDE AIR ROOFTOP UNIT WITH ENERGY RECOVERY SCHEDULE

TAG	OUTSIDE AIR							EXHAUST AIR					UNIT COOLING CAPACITY			HEATING CAPACITY	RE-HEAT	ELECTRICAL				AAON MODEL:	INSTALLED WEIGHT (LBS.)	NOTES:
	AIRFLOW (CFM)	ESP (INWG)	SUMMER DB/WB (DEG F)	SUMMER LAT DB/WB (DEG F)	WINTER DB/WB (DEG F)	WINTER LAT DB/WB (DEG F)	FAN HP	AIRFLOW (CFM)	ESP (INWG)	SUMMER EAT DB/WB (DEG F)	WINTER DB/WB (DEG F)	FAN HP	EAT DB/WB (DEG F)	LAT DB/WB (DEG F)	NO. STAGES	NO. CAPACITY (KW)	CAPACITY (MBH)	V/PH/HZ	FLA	MCA	MOP			
OAU-1	3255	0.5	95 / 80	87.47/74.37	30 / 28	45.81/40.28	5	1550	0.5	75 / 62	72 / 57	1	87.47/74.37	53.76/53.56	SCROLL	40 SCR	57	460/3/60	58	73	80	RN-018-3-0-EB09-14A-UELC-U0B-DPF-BBA-CDA00F-00-0000000AB	3391	1-5

NOTES:
1. PROVIDE SINGLE-POINT POWER CONNECTION (SUPPLY FAN WALL, EXHAUST FAN WALL, AND WHEEL MOTOR). ALL FAN MOTORS SHALL FEATURE FACTORY INSTALLED VARIABLE FREQUENCY DRIVE CONTROLS. UNITS TO BE PROVIDED WITH INTEGRAL DISCONNECT. PROVIDE INTEGRAL 2-POSITION MOTORIZED DAMPERS AT O.A. INTAKE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. UNIT COOLING REFLECTS COOLING COIL DISCHARGE TEMPERATURE. ADJUST COIL CAPACITY AS REQUIRED TO ACCOUNT FOR INTERNAL GAIN BEYOND 2 DEG F. RISE.
3. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS (2" THICK, MERV 13, ANGLED RACK).
4. SMOKE DETECTORS SHALL BE MOUNTED IN DUCT BY MECHANICAL AND PROVIDED/INSTALLED BY ELECTRICAL. COORDINATE INSTALLATION OF DETECTORS. DETECTORS SHALL BE LOCATED AS SHOWN ON THE PLANS.
5. UNIT TO BE CONFIGURED FOR BOTTOM SUPPLY AND EXHAUST AIR CONNECTIONS. LOCATE UNIT ON FACTORY INSULATED ROOF CURB. ANCHOR UNIT AND CURB ACCORDING TO MANUFACTURER'S WIND & SEISMIC BRACKET REQUIREMENTS OUTLINED IN SPECIFICATIONS AND ON PLANS.

ROOFTOP UNIT SCHEDULE

TAG	SERVICE	AIRFLOW		FAN		UNIT COOLING CAPACITY			HEATING		ELECTRICAL			MODEL:	INSTALLED WEIGHT (LBS)	NOTES:
		TOTAL CFM	OA CFM	HP	ESP (INWG)	EAT (DB/WB) (DEG F)	LAT (DB/WB) (DEG F)	NO. STAGES	CAPACITY (KW)	NO. STAGES	V/PH/HZ	MCA	MOP			
RTU-1	SEE PLAN	3440	410	3	0.5	75/62.4	54.4/52.8	2	36	2	480/3/60	57.1	60	JCI MODEL J082FE36N4AAA6	1052	1,2,3
RTU-2	SEE PLAN	2535	255	2	0.375	75/62.4	53/52.2	2	36	2	480/3/60	55.4	60	JCI MODEL J062FE36N4AAA5	905	1,2,3
RTU-3	BOARD ROOM	700	125	0.5	0.25	75/62.4	53.2/52.2	1	10	2	208/1/60	47.1	50	YORK MODEL PCE4A	330	1,2,3

NOTES:
1. PROVIDE SINGLE SOURCE POWER CONNECTION, INTEGRAL DISCONNECTS AND FACTORY INSULATED ROOF CURB. UNIT TO BE BOTTOM SUPPLY AND RETURN.
2. UNIT COOLING REFLECTS COOLING COIL DISCHARGE TEMPERATURE. ADJUST COIL CAPACITY AS REQUIRED TO ACCOUNT FOR INTERNAL GAIN BEYOND 2 DEG F. RISE.
3. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE ANY INTERNAL PRESSURE LOSSES OR FILTER PRESSURE LOSSES. INTERNAL PRESSURE DROPS SHALL INCLUDE LOADED FILTERS.

FAN SCHEDULE

TAG	SERVICE	MOUNTING TYPE	FAN				ELECTRICAL		MODEL:	NOTES:
			TOTAL CFM	HP	ESP (INWG)	MAX RPM	CONTROL	V/PH/HZ		
EF-1	KH-1	CURB	1600	.5	1.00	1157	HOOD	208/3/60	CAPTIVE AIRE MODEL NCA14FA	1,2
EF-2	ELECTRICAL-222	SUSPENDED, CEILING	200	81W	0.500	1050	TSTAT	115/1/60	GREENHECK MODEL SP-A290	3,4,5
EF-3	TRASH-112	SUSPENDED, CEILING	150	128W	0.500	1050	DDC	115/1/60	GREENHECK MODEL SP-B150	3,4,6
EF-4	ELEV EQUIP	SUSPENDED, CEILING	50	12W	0.500	800	DDC	115/1/60	GREENHECK MODEL SP-A50-90-VG	3,4,6
MUA/F-1	KH-1	CURB	1280	.5	0.50	702	HOOD	208/3/60	CAPTIVE AIRE A1-G10	1,2

NOTES:
1. INTERLOCK FAN WITH HOOD CONTROL PANEL.
2. SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN.
3. PROVIDE ALL REQUIRED HANGING BRACKETS, VIBRATION ISOLATORS, ETC. FOR SUSPENDED INSTALLATION.
4. PROVIDE INTEGRAL BACKDRAFT DAMPER, 5 AMP 120 VOLT SPEED CONTROLLER FACTORY MOUNTED INSIDE OF FAN HOUSING, PLASTIC GRILLE AND STANDARD DISCONNECT.
5. INTERLOCK FAN WITH THERMOSTAT. SET THERMOSTAT TO 90° F. FOR ELECTRICAL ROOM TEMPARATURE CONTROL.

KITCHEN HOOD SCHEDULE

TAG	SERVICE	HOOD DIMENSIONS		EXHAUST AIR		SUPPLY AIR		CAPTIVE AIRE MODEL:	NOTES:
		LENGTH (IN)	WIDTH (IN)	TOTAL CFM	PD (INWG)	TOTAL CFM	PD (INWG)		
KH-1	KITCHEN-110	96	48	1600	0.566	1280	0.274	4824 ND-2-PSP-F	1

NOTES:
1. SPECIFIED BY OTHERS. REFER TO KITCHEN EQUIPMENT PLAN.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Sheet
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SHEET SIZE 24"x 36"
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qnguyen

PLUMBING SYMBOL LEGEND

MARK	DESCRIPTION
———	SANITARY SEWER (SS)
- - - - - - - -	SANITARY VENT (V)
——— GL ———	GREASY WASTE LINE (GL)
——— — ———	DOMESTIC COLD WATER (CW)
— - - — - - —	DOMESTIC HOT WATER (HW)
——— G ———	NATURAL GAS
FD	FLOOR DRAIN (FD)
HD	HUB DRAIN (HD)
AD	AREA DRAIN (AD)
FS	FLOOR SINK (FS)
TD	TROUGH DRAIN (TD)
C.O.	CLEANOUT (CO)
FCO	FLOOR CLEANOUT (FCO)
ECO	EXTERIOR CLEANOUT (ECO)
	BALL VALVE
	GATE VALVE
	CHECK VALVE
HB	HOSE BIB (HB)
IC	IN CEILING SPACE
ICB	IN CEILING SPACE BELOW
U/G	UNDERGROUND
VTR	VENT THRU ROOF
AFF	ABOVE FINISHED FLOOR

STANDARD FIRE PROTECTION LEGEND

MARK	DESCRIPTION
●	PENDENT SPRINKLER (SEMI-RECESSED)
△	HORIZONTAL SIDEWALL SPRINKLER

STANDARD NOTE SYMBOL LEGEND

MARK	DESCRIPTION
1	FLOOR PLAN OR DRAWING OTHER THAN DETAIL
1 / P-1	DETAIL REFERENCE: (SHOWN UNDER PLANS) NUMBER DENOTES DETAIL NUMBER LETTER "P" DENOTES SHEET ON WHICH DETAIL IS DRAWN

PLUMBING GENERAL NOTES:

1. PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL PLUMBING CODES AND STATE AMMENDMENTS.
2. INSULATE DOMESTIC HOT AND COLD WATER PIPING INSTALLED ABOVE FINISHED CEILINGS. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.
3. ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTIONS.
4. SET THE RIM OF ALL HUB DRAINS 1" A.F.F
5. ALL VENT, HOT WATER, COLD WATER AND GAS PIPING IS IN CEILING SPACE UNLESS NOTED OTHERWISE.
6. ALL SANITARY AND GREASE WASTE PIPING IS UNDERGROUND ON 1ST FLOOR AND IN CEILING BELOW ON 2ND FLOOR. CONTRACTOR TO VERIFY EXACT ROUTING OF SANITARY AND GREASE WASTE PRIOR TO INSTALLATION.
7. SIZES FOR HOT AND COLD WATER MAINS SHOWN ON PLAN. SEE KITCHEN EQUIPMENT SCHEDULES AND PLUMBING FIXTURE SCHEDULE FOR BRANCH SIZES TO EQUIPMENT AND FIXTURES.
8. FIRE SAFE ALL PENETRATIONS THRU RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD U.L. LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM 3-814 REQUIREMENTS.
9. NO PLUMBING EQUIPMENT OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANEL. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
10. HUB DRAINS SERVING ONLY WATER HEATERS SHALL BE PROVIDED WITH TRAP SEAL DEVICES.

SPRINKLER GENERAL NOTES:

1. THE BUILDING SHALL BE PROTECTED THROUGHOUT BY AN AUTOMATIC WET PIPE SPRINKLER SYSTEM.
2. THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13, 2016 EDITION REQUIREMENTS.
3. THE BUILDING IS CLASSIFIED AS EDUCATIONAL. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS A LIGHT HAZARD SYSTEM FOR ALL CLASS ROOMS, OFFICE AREAS, PUBLIC AND SIMILAR SPACES. THE DESIGN DENSITY SHALL BE 0.10 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
4. MECHANICAL AND ELECTRICAL ROOMS SHALL BE SHALL BE DESIGNED AS AN ORDINARY HAZARD, GROUP 1 SYSTEMS. THE DESIGN DENSITY SHALL BE 0.15 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
5. STORAGE ROOMS SHALL BE CLASSIFIED AS STORAGE SPACES. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS AN ORDINARY HAZARD, GROUP 2 SYSTEMS. THE DESIGN DENSITY SHALL BE 0.20 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
6. SPRINKLERS SHALL BE QUICK RESPONSE, FULLY-CONCEALED, CHROME PLATED PENDENT SPRINKLERS, UNLESS NOTED OTHERWISE.
7. FIRE SAFE ALL PENETRATIONS THRU RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD U.L. LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM E-814 REQUIREMENTS.
8. CONTRACTOR SHALL USE ARMOVERS TO CENTER SPRINKLERS IN CEILING TILES.
9. PROVIDE SHUT OFF VALVE W/ TAMPER SWITCH AND FLOW SWITCH AT EACH FLOOR.
10. NO FIRE PROTECTION EQUIPMENT OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.

DOMESTIC WATER HEATER SCHEDULE

TAG	FUEL TYPE	CAPACITY (KW)	STORAGE (GALLONS)	RECOVERY (GPH)	TEMP. RISE (DEG F.)	ELECTRICAL V/PH	AO SMITH MODEL:	NOTES:
WH-2	ELECTRIC	4	30	20	80	208/3	DEL-30	1
WH-3	ELECTRIC	5	40	25	80	208/3	DEL-40	1
WH-4	ELECTRIC	5	50	25	80	208/3	DEL-50	1
WH-5	ELECTRIC	4	30	20	80	208/3	DEL-30	1

NOTES:
1. HEATER TO BE FURNISHED WITH NON-SIMULTANEOUS UPPER AND LOWER HEATING ELEMETNS.

DOMESTIC WATER HEATER SCHEDULE

			HEATING CAPACITY			ELECTRICAL			
TAG	FUEL TYPE	STORAGE CAPACITY (GAL)	INPUT (BTUH)	RECOVERY (GPH)	TEMP RISE (DEG F)	V/PH/HZ	AMP	AO SMITH MODEL:	NOTES:
WH-1	NAT GAS	100	150,000	173	100	120/1/60	15	BTH-150	1,2

NOTES:
1. WATER HEATER TO BE CONFIGURED FOR POWER DIRECT-VENT.
2. PROVIDE ACID NEUTRALIZING KIT ON CONDENSATE DISCHARGE.

PUMP SCHEDULE

I.D. NO.	FLOW (GPM)	HEAD(FT)	HP	VOLTAGE	PHASE	HYDROMATIC MODEL:	NOTES
SP-1	50	12	1/2	120	1	HP-50	1

NOTES:
1. SUMBERSIBLE SUMP PUMP FOR ELEVATOR PIT.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	BASIS OF DESIGN MAKE MODEL	ROUGH IN REQUIREMENTS (INCHES NOMINAL PIPE SIZE) WASTE	VENT	CW	HW	NOTES:
P1	WATER CLOSET - FLOOR MOUNTED, 15":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ELONGATED BOWL, WHITE FINISH.	AMERICAN STANDARD, MADERA, MODEL 2234.001					
	SEAT: ELONGATED, OPEN FRONT W/ ANTIMICOBIAL AGENT, COMMERCIAL FASTENING SYSTEM, WHITE.	CHURCH, MODEL 3155CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P1A	WATER CLOSET - FLOOR MOUNTED, ADA COMPLIANT, 16-1/2":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ELONGATED BOWL, WHITE FINISH.	AMERICAN STANDARD, MADERA, MODEL 3043.001					
	SEAT: ELONGATED, OPEN FRONT W/ ANTIMICOBIAL AGENT, COMMERCIAL FASTENING SYSTEM, WHITE.	CHURCH, MODEL 3155CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P2	WATER CLOSET - FLOOR MOUNTED, 10":		4	4	1	N/A	2
	FIXTURE: TOP SPUD, ROUND FRONT BOWL, WHITE FINISH.	AMERICAN STANDARD, BABY DEVERO, MODEL 2282.001					
	SEAT: ROUND, OPEN FRONT LESS COVER, CHECK HINGES, ANTIMICROBIAL, WHITE.	CHURCH, MODEL 1580CT					
	FLUSH VALVE: MANUAL FLUSH, 1.6 GPF.	SLOAN, ROYAL, MODEL 111-1.6 / 111-1.6TP					
P3	URINAL - WALL HUNG, ADA COMPLIANT:		2	2	3/4	N/A	1
	FIXTURE: TOP SPUD, WHITE FINISH.	AMERICAN STANDARD, WASHBROOK, MODEL 6590.001					
	FLUSH VALVE: MANUAL FLUSH, 1.0 GPF.	SLOAN, ROYAL, MODEL 186-1.0					
P4	LAVATORY - TOP MOUNT, ADA COMPLIANT:		2	2	1/2	1/2	3
	FIXTURE: OVAL, 3 HOLE, 8" FAUCET CENTERS, WHITE FINISH.	AMERICAN STANDARD, AQUALYN, MODEL 0475.020					
	SUPPLIES: 8" CENTERS, 4" WRISTBLADE HANDLES, CHROME PLATED, 0.5 GPM.	CHICAGO, MODEL 404-VE2805-317ABCP					
	THERMOSTATIC MIXING VALVE: ASSE 1070 COMPLIANT.	LEONARD, MODEL 170-LF					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P5	ELECTRIC WATER COOLER - SINGLE-LEVEL, ADA:		2	2	1/2	N/A	1
	FIXTURE:	ELKAY, MODEL VRCFR8S					
	STOPS: QUARTER TURN						
	TRAP: CROME PLATED TUBULAR						
P6	LAVATORY - WALL MOUNTED, ADA COMPLIANT:		2	2	1/2	1/2	1
	FIXTURE: 3 HOLE, 4" CENTERS, FAUCET LEDGE, WHITE FINISH.	AMERICAN STANDARD, LUCERNE, MODEL 035.012					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 0.5 GPM.	WATTS, MODEL P1070V5					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P7	CLASSROOM SINK - WALL MOUNTED, ADA COMPLIANT:		2	2	1/2	1/2	1
	FIXTURE: 3 HOLE, 4" CENTERS, FAUCET LEDGE, WHITE FINISH.	AMERICAN STANDARD, LUCERNE, MODEL 035.012					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 2.0 GPM.	WATTS, MODEL P1070					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 155A					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
	INSULATION KIT: WATER AND WASTE PIPING.	TRUEBRO, MODEL 101					
P8	CLASSROOM SINK - UNDERMOUNT, ADA COMPLIANT:		2	2	1/2	1/2	
	FIXTURE: 14"x14", SINGLE BOWL, STAINLESS STEEL, UNDERMOUNT, 5-1/2" DEEP.	ELKAY, MODEL ELUHAD1414					
	SUPPLIES: 4" CENTERS, SINGLE LEVER, CHROME PLATED, INTEGRAL ASSE 1070 THERMOSTATIC MIXING VALVE, 2.0 GPM.	WATTS, MODEL P1070					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 152N					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/4" X 1-1/2"	MCGUIRE, MODEL 8902					
P9	UTILITY SINK:		2	2	1/2	1/2	
	FIXTURE: 8" CENTERS, MOLDED STONE, LAUNDRY TUB.	FIAT, MODEL DL-1					
	SUPPLIES: L TYPE SWING SPOUT, 8" CENTERS, 4" WRIST BLADE LEVERS.	CHICAGO, MODEL 1100-317ABCP					
	DRAIN: CHROME PLATED GRID STRAINER.	MCGUIRE, MODEL 152N					
	STOPS: COMPRESSION, 1/2" X 1/2", CHROME PLATED BRASS.	MCGUIRE, MODEL 2167CC					
	TRAP: CHROME PLATED BRASS, 1-1/2" X 2"	MCGUIRE, MODEL 8903					
P10	MOP SINK - FLOOR MOUNTED:		3	2	1/2	N/A	
	SUPPLIES: SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, AND PAIL HOOK.	FIAT, MODEL 830-AA					
	FIXTURE: 24" X 24", TERRAZZO, 12" CURBS, DROP FRONT, STAINLESS STEEL CAPS.	FIAT, MODEL TSB-3000					
	DRAIN: 3" INTEGRAL DRAIN WITH 16 GAUGE STRAINER PLATE	FIAT, MODEL 1453-BB					
	TRAP: 3" CAST IRON P-TRAP.						
P11	ELECTRIC WATER COOLER - TWO-LEVEL, ADA:		2	2	1/2	N/A	1
	FIXTURE:	ELKAY, MODEL VRCTLSSC					
	STOPS: QUARTER TURN						
	TRAP: CROME PLATED TUBULAR						
P12	SHOWER - PRE-FABRICATED, ADA:						
	FIXTURE: ONE PIECE ACRYLLIC W/ STAINLESS STEEL GRAB BARS, FOLDING SEAT, CHROME CURTAIN ROD AND ANTIMICROBIAL GREEN CURTAIN	AQUA GLASS, MODEL 634137DL	2	2	1/2	1/2	
	SUPPLY: PRESSURE BALANCE VALVE, HAND HELD SHOWER HEAD, 59" FLEXIBLE HOSE, WALL SUPPLY, STAINLESS STEEL SLIDE/GRAB BAR, 2.5 GPM.	AMERICAN STANDARD, MODEL 1662.601					
	DRAIN: BRASS DRAIN WITH NICKLE BRONZE ROUND STRAINER	J.R. SMITH 2005 SERIES					
P13	SHOWER - CUSTOM, ADA:		2	2	1/2	1/2	
	FIXTURE: FIXTURE TO BE CUSTOM BUILT. REFER TO ARCHITECTURAL PLANS.						
	SUPPLY: PRESSURE BALANCE VALVE, HAND HELD SHOWER HEAD, 59" FLEXIBLE HOSE, WALL SUPPLY, STAINLESS STEEL SLIDE/GRAB BAR, 2.5 GPM.	AMERICAN STANDARD, MODEL 1662.601					
	DRAIN: BRASS DRAIN WITH NICKLE BRONZE ROUND STRAINER	J.R. SMITH 2005 SERIES					

NOTES:
1. PROVIDE 2" X 6" WOOD BLOCKING ATTACHED TO STUDS TO SUPPORT ANCHOR PLATE. REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT.
2. SOME FIXTURES REQUIRE EXTERNAL FLUSH VALVE TRAP PRIMERS. REFER TO PLANS FOR LOCATION / QUANTITY.

3. SHOWER TRENCH DRAINS (TB) TO BE INFINITY S-AS LINEAR DRAIN
4. P4 LAVATORY TO BE KOLHER UNDER MOUNT SINK K-2882

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.

Engineer _____

License Number 26162

Periodic site visits will (will not) be made by our firm

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Owner
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601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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Revisions

Interoffice Data

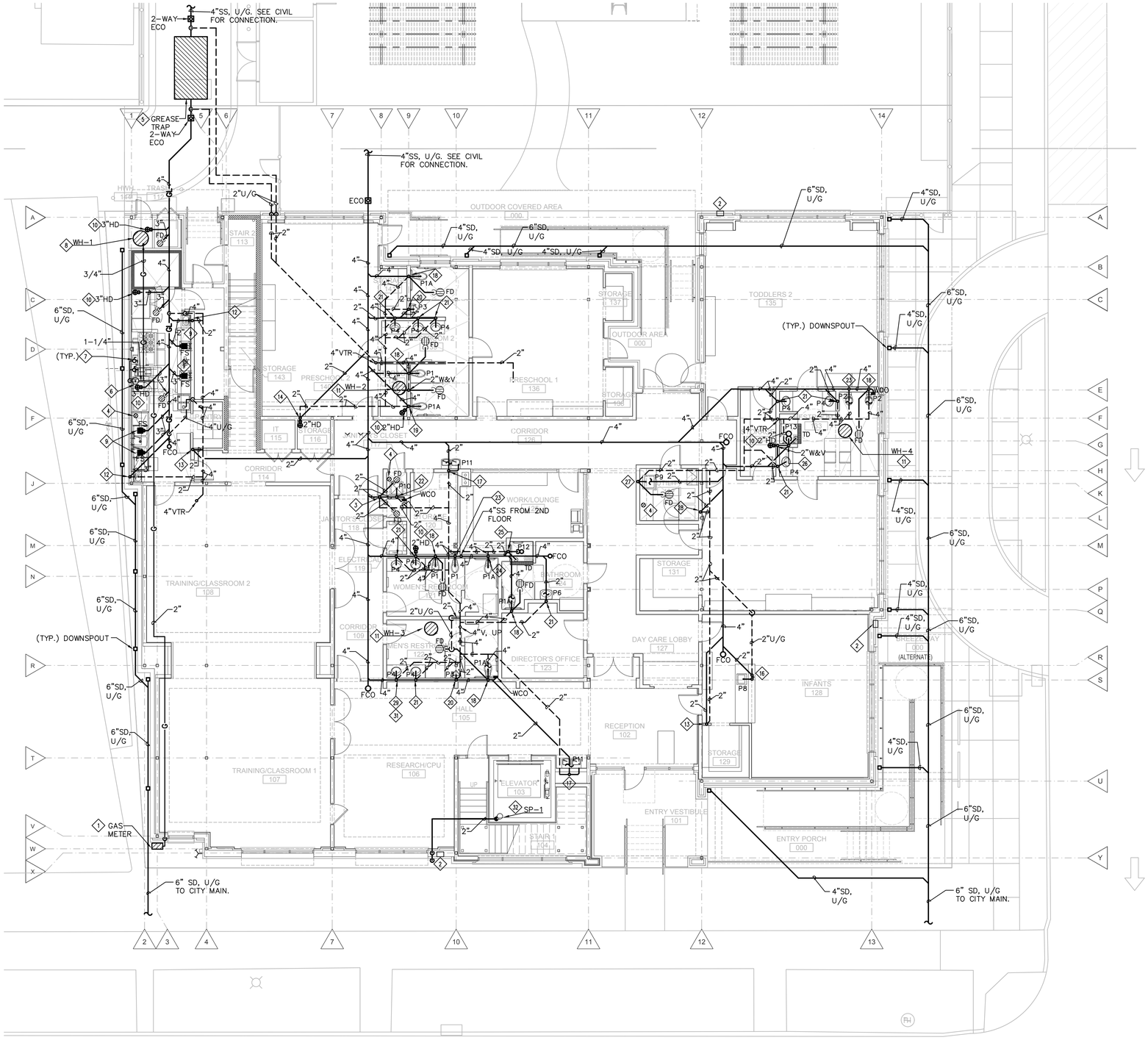
Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Plumbing/Sprinkler Legend and Notes

Sheet
P001

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P001_PLUMB LEGEND & NOTES
qnguyen



1 **PLUMBING PLAN - FIRST FLOOR**
SCALE: 1/8"=1'-0" REFER TO SHEET P112 FOR DOMESTIC WATER PIPING.

PLUMBING SPECIFIC NOTES:

1. ARRANGE WITH THE UTILITY COMPANY FOR A NEW GAS METER & SERVICE. TOTAL CONNECTED LOAD IS APPROX. 600 CFH. REQUIRED PRESSURE IS 10" W.C.
2. PROVIDE A NONFREEZE WALL BOX HYDRANT WITH 1/2" CW DROP.
3. PROVIDE A 2" W&V STACK TO SERVE THE TWO FD WITH TRAP PRIMERS.
4. TRAP PRIMER LOCATED ABOVE CEILING, EQUAL TO PPP MODEL PR-500 COMPLETE WITH AIR-GAP FITTING AND DISTRIBUTION UNIT (IF SERVING MULTIPLE DRAINS). PROVIDE ACCESS PANEL. SEE DETAIL FOR MORE INFORMATION.
5. PROVIDE A 1000 GALLON CONCRETE GREASE TRAP WITH HEAVY TRAFFIC RATED COVERS AND PVC COATING ON CONCRETE INTERIOR. REFER TO DETAIL FOR DIMENSIONAL AND INSTALLATION REQUIREMENTS. REFER TO STRUCTURAL DRAWINGS FOR TRAP SUPPORT.
6. INSTALL AUTOMATIC GAS SHUT OFF VALVE SUPPLIED AS PART OF HOOD EQUIPMENT. AFTER VALVE, DROP GAS LINE DOWN FROM CEILING IN WALL TO 18" A.F.F. THEN TURN HORIZONTAL AND ROUTE TO APPROPRIATE KITCHEN EQUIPMENT.
7. PROVIDE 3/4" GAS CONNECTION WITH SHUT OFF VALVE.
8. GAS WATER HEATER MOUNTED ON 4" HOUSE KEEPING PAD IN SAFETY PAN. PROVIDE 3/4"NPT GAS AND 1-1/2" WATER CONNECTIONS. PIPE DRAINS THROUGH WALL TO OUTSIDE OF BUILDING. REFER TO MECHANICAL PLAN FOR INTAKE AND EXHAUST VENTS. REFER TO SCHEDULE AND DETAIL FOR MORE INFORMATION.
9. 8"X8" FLOOR SINK (FS) FOR KITCHEN EQUIPMENT DRAINS. SET RIM 1" A.F.F. GROUT SPACE BETWEEN RIM FLANGE AND FLOOR.
10. HD AT FLOOR FOR KITCHEN EQUIPMENT. SET RIM 1" A.F.F.
11. ELECTRIC WATER HEATER MOUNTED IN SAFETY PAN ON PLATFORM ABOVE CEILING. ROUTE DRAINS TO NEAREST HD. REFER TO SCHEDULE AND DETAIL FOR MORE INFORMATION.
12. PROVIDE A 3" WASTE & 2" VENT (W&V) STACK AND 1/2" COLD WATER (CW) & HOT WATER (HW) DROPS IN THE WALL TO SERVE THE HAND SINK.
13. PROVIDE A 2" W&V STACK TO SERVE AHU CONDENSATE DRAINAGE.
14. PROVIDE A 2" W&V STACK TO SERVE THE HD. SET RIM 1" AFF.
15. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE CLASSROOM SINK.
16. PROVIDE A 2" W&V STACK WITH ISLAND VENT AND 1/2" CW & HW STUB-UP IN THE COUNTER TO SERVE THE CLASSROOM SINK.
17. PROVIDE A 2" W&V STACK AND 1/2" CW DROP IN THE WALL TO SERVE THE DUAL HEIGHT ELECTRIC WATER COOLER.
18. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FLOOR DRAIN (FD) WITH TRAP PRIMER.
19. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET AND HD IC. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FD WITH TRAP PRIMER.
20. PROVIDE A 2" W&V STACK AND A 3/4" CW DROP IN THE WALL TO SERVE THE URINAL.
21. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE LAVATORY.
22. PROVIDE A 2"W & 2"V STACK AND TWO 1/2" CW & HW DROPS IN THE WALL TO SERVE THE BACK TO BACK MOP SINKS.
23. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET.
24. PROVIDE A 4" W&V STACK AND A 1" CW DROP IN THE WALL TO SERVE THE WATER CLOSET.
25. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE SHOWER. EXTEND A 2" WASTE ARM U/G TO SERVE THE TRENCH DRAIN (TD) WITH TRAP PRIMER.
26. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE SHOWER. EXTEND A 2" WASTE ARM ABOVE THE CEILING TO SERVE THE HD IC. EXTEND A 2" WASTE ARM U/G TO SERVE THE TD WITH TRAP PRIMER.
27. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE UTILITY SINK. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW LINE U/G TO SERVE THE FD WITH TRAP PRIMER.
28. PROVIDE A RECESSED WASHING MACHINE BOX, EQUAL TO "OATEY" MODEL 38934 WITH 1/4 QUARTER TURN BRASS BALL VALVES AND CENTER 2"DRAIN OUTLET. PROVIDE A 2"WASTE & VENT STACK AND 1/2"CW & HW WATER DROPS IN THE WALL TO SERVE THE UTILITY BOX.
29. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL. PROVIDE ROUGH INS FOR FUTURE FIXTURE AND CAP. FIXTURE SHALL BE PROVIDED BY OWNER.
30. NOT USED
31. NOT USED
32. SUMP PUMP WITH PLUG CORD SET IN SUMP PIT. PROVIDE 2" DISCHARGE PIPING ROUTED TO BUILDING EXTERIOR UNDERGROUND. TERMINATE PIPING 18" AFG AND DIRECT AWAY FROM BUILDING.
33. PROVIDE HOSE BIB WITH 1/2" HOT AND COLD WATER CONNECTIONS TO SERVE TRASH AREA. COORDINATE EXACT LOCATION WITH ARCHITECT.

KITCHEN PLUMBING GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE (2015) AND STATE AMENDMENTS.
2. PROVIDE EQUIPMENT DRAINS FROM ALL KITCHEN EQUIPMENT TO THE NEAREST FS OR HD. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.
3. INSTALL ALL FAUCETS, TAILPIECES, LEVER HANDLE DRAINS, VACUUM BREAKERS, TEMPERATURE & PRESSURE GAGES, PRESSURE REDUCING VALVES, AUTOMATIC GAS SHUTOFF VALVE, FILTERS, FLEXIBLE HOSES AND QUICK DISCONNECT ASSEMBLIES AND ALL OTHER ACCESSORIES FURNISHED BY DIVISION 11. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.
4. ALL FD SHALL BE FURNISHED WITH TRAP PRIMER INLET CONNECTIONS. REFER TO PLUMBING DETAILS.
5. UNDERGROUND GREASY WASTE AND VENT PIPING SHALL BE A MINIMUM OF 3" CAST IRON.
6. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO KITCHEN EQUIPMENT. REFER TO THE FOOD SERVICE DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION AND DETAILS.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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Checked By	C.H.

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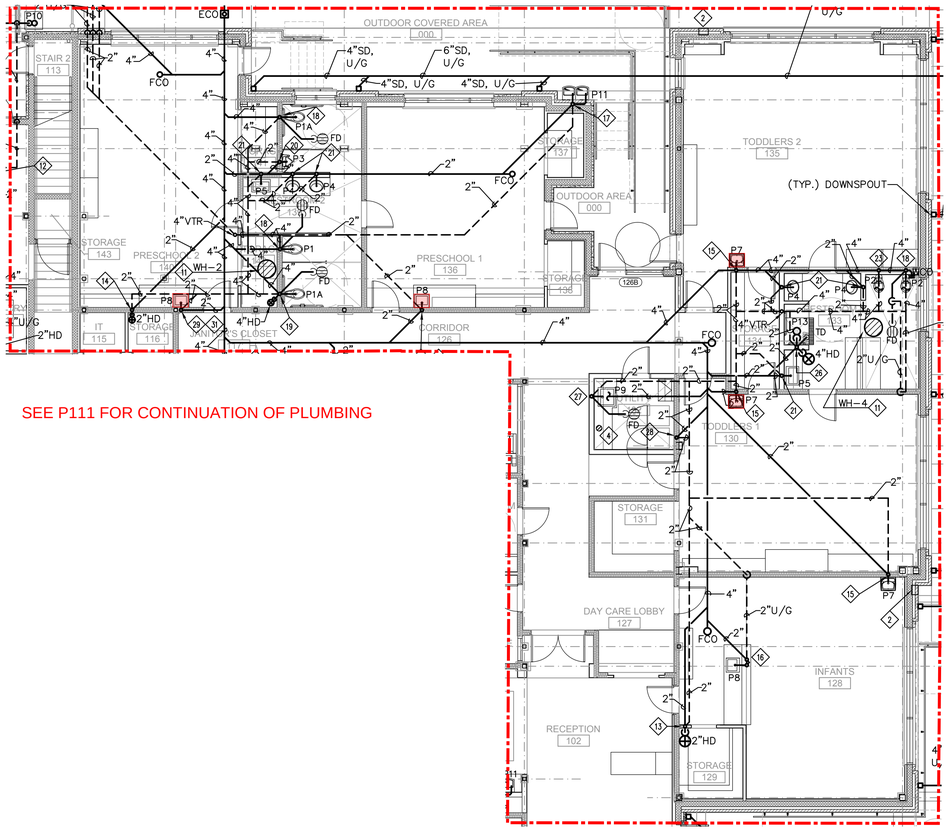
(RE-ISSUE 7/12/2023)

Title
Plumbing Plan
First Floor

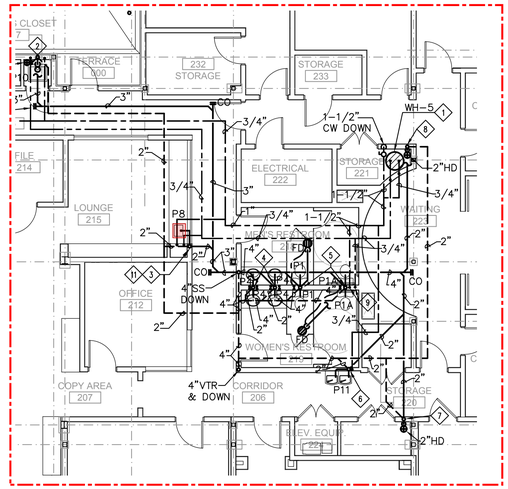
Sheet
P111

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P111_PLUMB 1ST
qnguyen

ALTERNATE 2- ADDITIONAL SINKS AT CLASSROOMS AND LOUNGE



1 PLUMBING PLAN - FIRST FLOOR
SCALE: 1/8"=1'-0" REFER TO SHEET P112 FOR DOMESTIC WATER PIPING.



1 PLUMBING PLAN - SECOND FLOOR
SCALE: 1/8"=1'-0"

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Issue Date
(RE-ISSUE 11/13/2024)

Title
ALTERNATE #2- PLUMBING

Sheet

SHEET SIZE 24" x 36"
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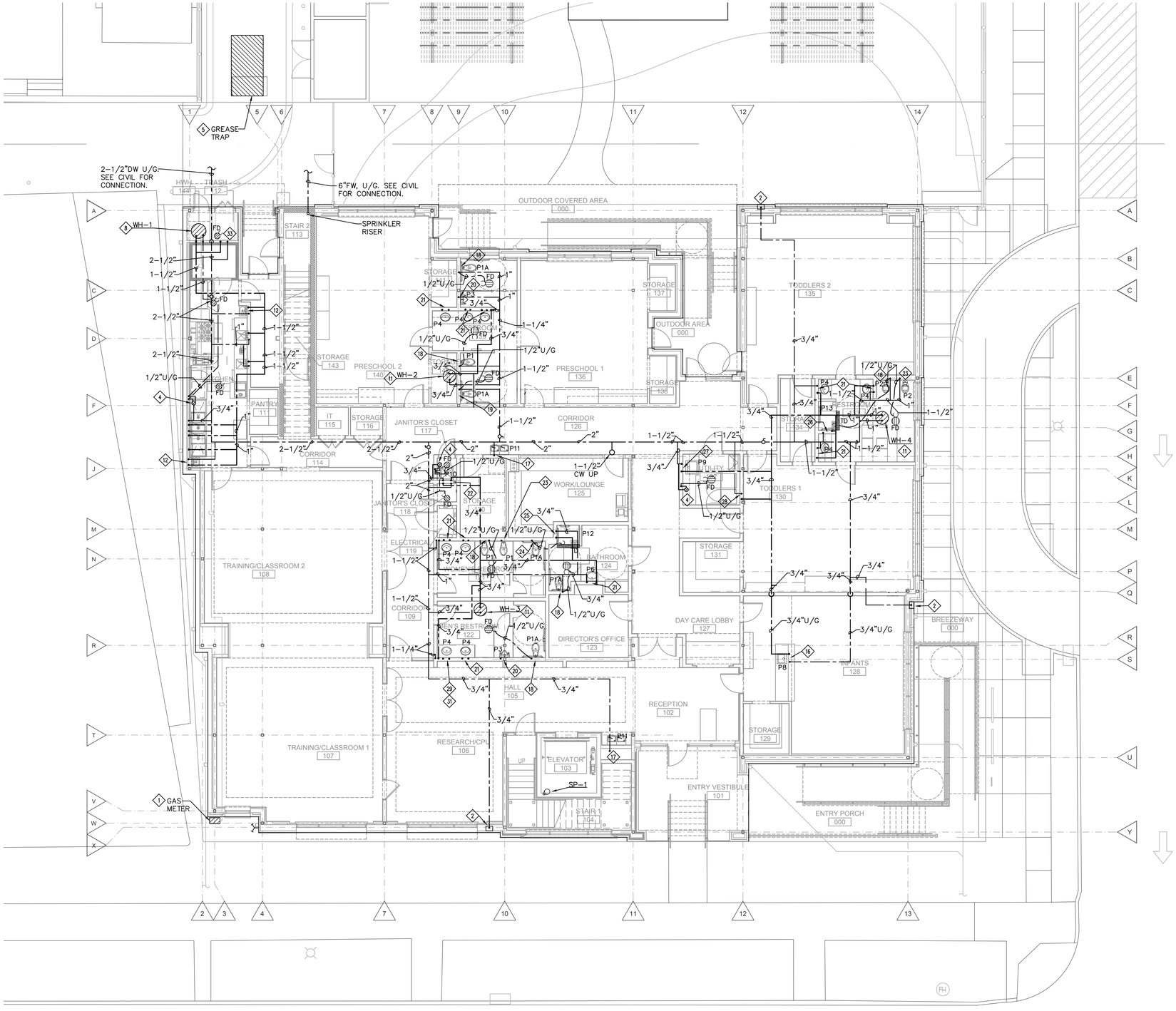
qnguyen



1 PLUMBING DOMESTIC PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

REFER TO SHEET P111 FOR SPECIFIC NOTES.

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PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING

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2714 INDEPENDENCE STREET
METAIRIE, LOUISIANA 70006

BID DOCUMENTS

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	C.H.

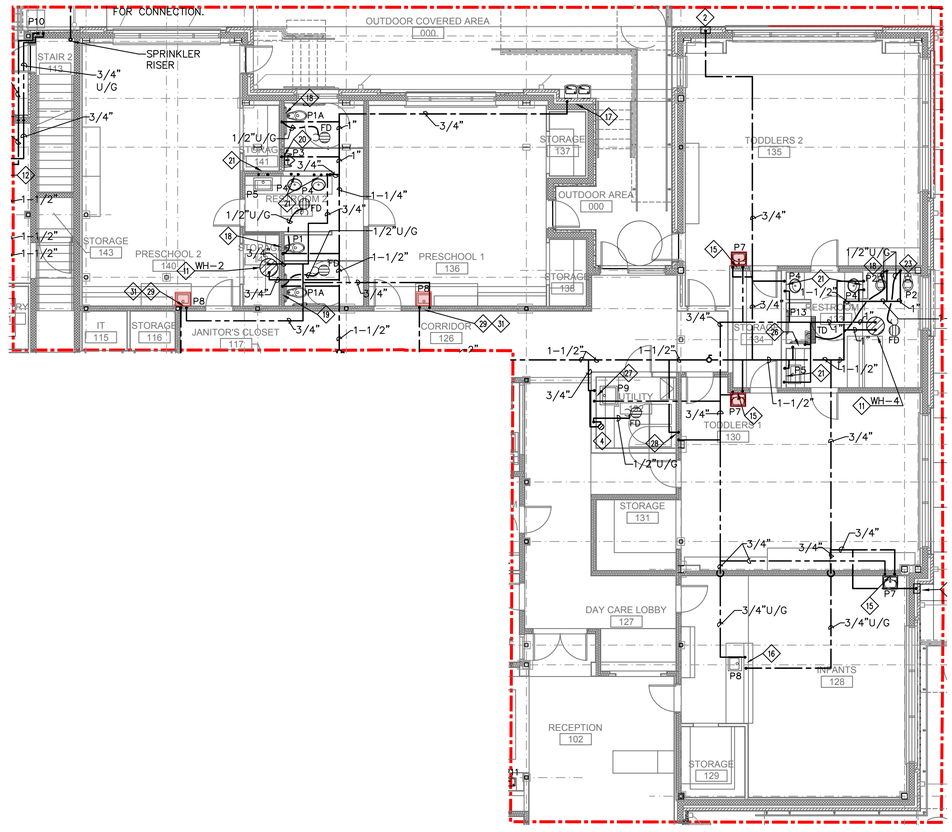
Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Plumbing Domestic First Floor

Sheet
P112

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P112_PLUMB DOMESTIC 1ST
qnguyen

ALTERNATE 2- ADDITIONAL SINKS AT CLASSROOMS AND LOUNGE



1 PLUMBING DOMESTIC PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

REFER TO SHEET P111 FOR SPECIFIC NOTES.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HAGBEE, III
REG. No. 26162
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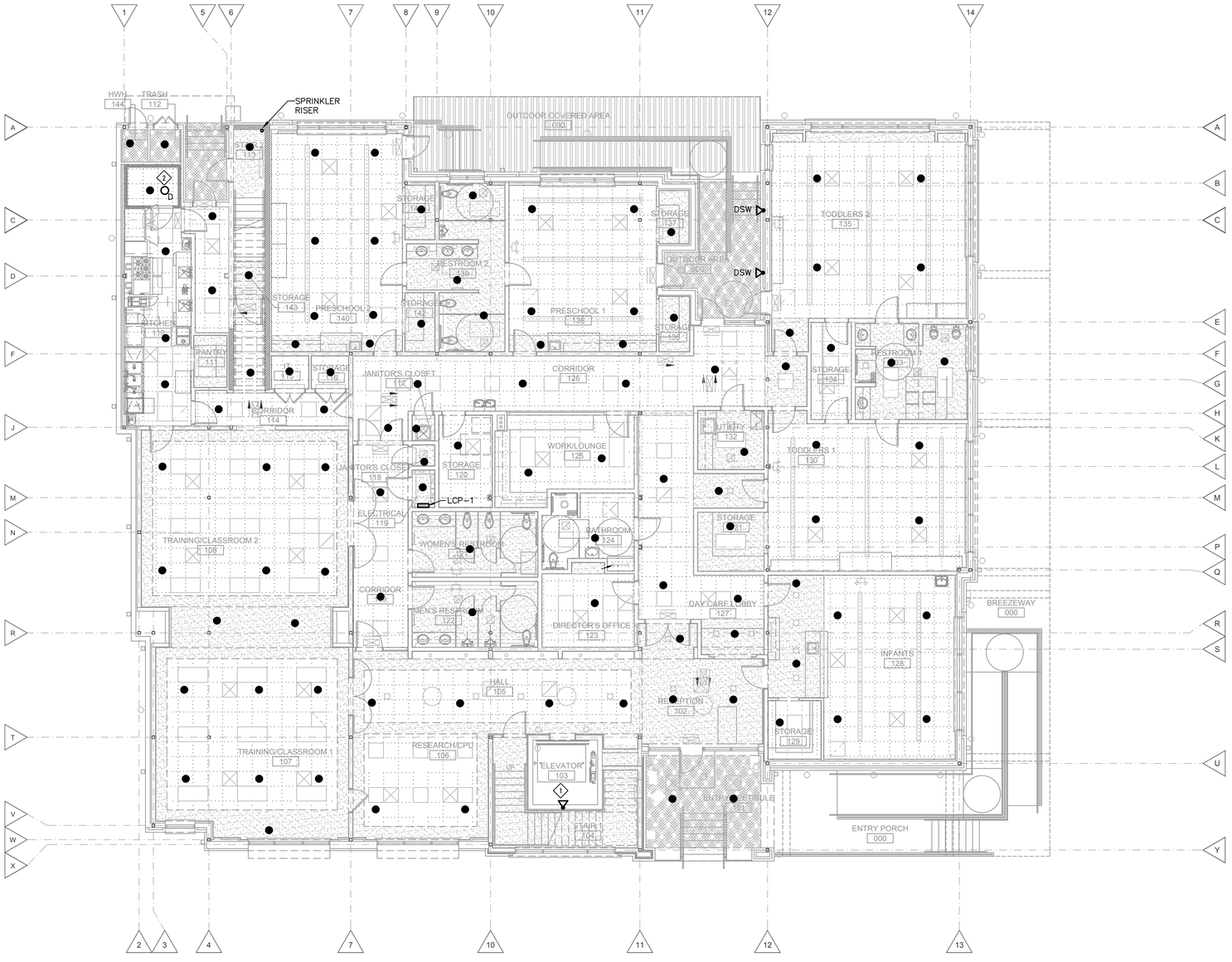
Title
ALTERNATE #2- PLUMBING

Sheet

SPRINKLER SPECIFIC NOTES:

1. PROVIDE SHUT-OFF VALVE WITH TAMPER AND FLOW SWITCH IN CEILING. VALVE SHALL BE ACCESSIBLE.
2. DRY UPRIGHT HEAD TO SERVE WALK-IN FREEZER.



1 SPRINKLER PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

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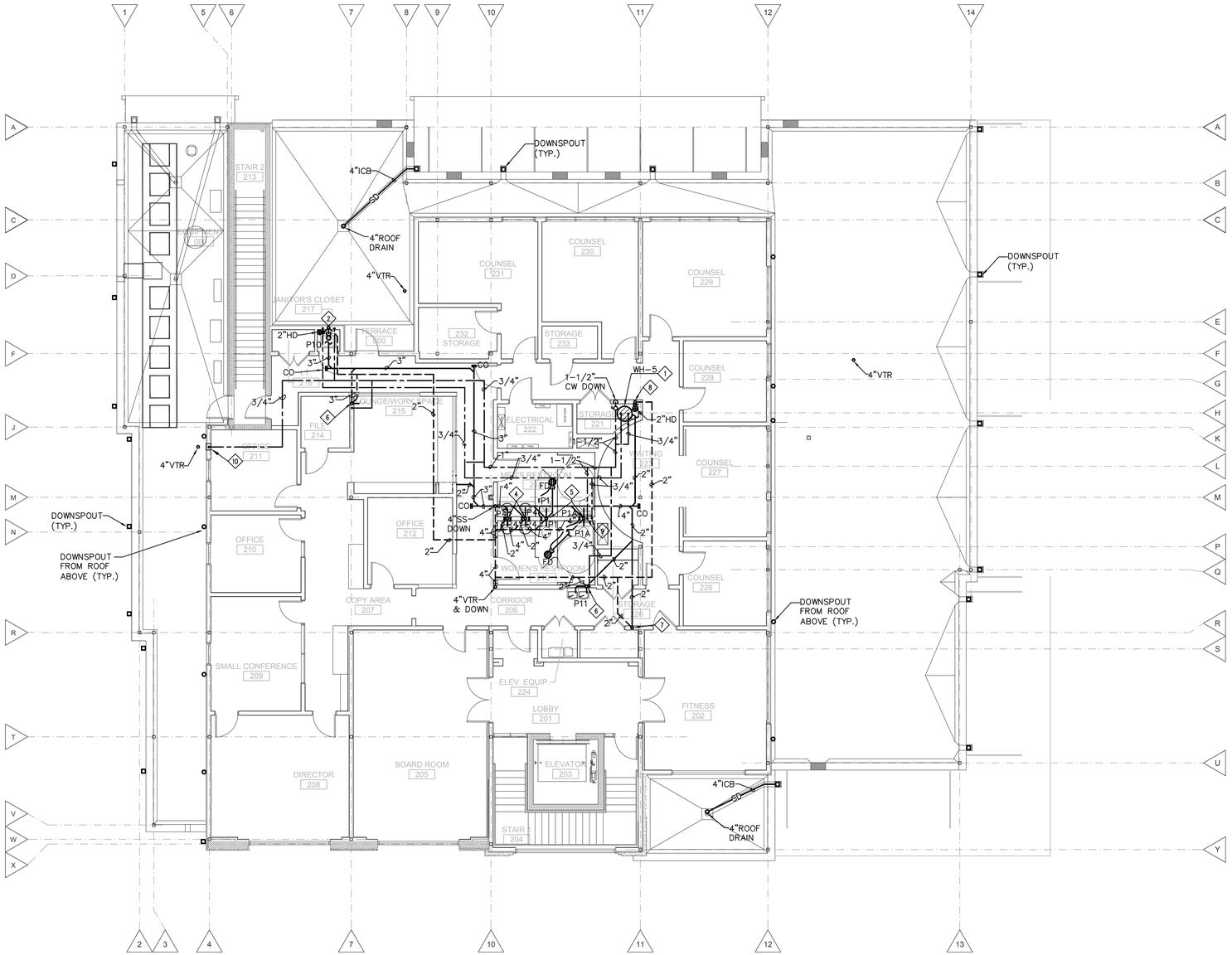
Title
Sprinkler Plan
First Floor

Sheet
P113

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P113_SPRINK 1ST
qnguyen



PLUMBING SPECIFIC NOTES:

1. ELECTRIC WATER HEATER MOUNTED ON 4" HOUSE KEEPING PAD IN SAFETY PAN WITH 3/4" CW & HW CONNECTIONS. DROP WATER LINES IN WALL FROM CEILING AND TURN HORIZONTAL TO WATER HEATER. ROUTE DRAINS TO NEAREST HUB DRAIN. REFER TO DETAIL.
2. PROVIDE 3"W & 2"V STACK AND 1/2" CW & HW DROPS IN THE WALL TO SERVE THE MOP SINK. EXTEND AND CONNECT A 2" WASTE ARM IN CEILING BELOW (ICB) TO SERVE THE 2" HD. SET RIM OF HD 2" AFF.
3. PROVIDE A 2" W&V STACK AND 1/2" CW & HW DROPS IN THE WALL. PROVIDE ROUGH INS FOR FUTURE FIXTURE AND CAP.
4. PROVIDE A 2" W&V STACK AND TWO 1/2" CW & HW DROPS IN THE WALL TO SERVE THE BACK TO BACK LAVS. EXTEND AND CONNECT THE 2" WASTE LINE TO THE MAIN ICB.
5. PROVIDE 4" W&V STACK AND TWO 1" CW DROPS IN THE WALL TO SERVE THE BACK TO BACK WATER CLOSET. EXTEND AND CONNECT A 2" WASTE ARM AND 1/2" CW CONNECTION ICB TO SERVE THE 2" FLOOR DRAIN WITH TRAP PRIMER. EXTEND AND CONNECT THE 4" WASTE LINE TO THE MAIN ICB.
6. PROVIDE A 2" W&V STACK AND A 1/2" CW DROP IN THE WALL TO SERVE THE WATER COOLER.
7. PROVIDE A 2" W&V STACK TO SERVE AHU CONDENSATE DRAIN.
8. PROVIDE A 2" W&V STACK TO SERVE THE 2" HD. SET RIM OF HD 1" AFF.
9. EXTEND FULL SIZE CW & HW PIPING THROUGH CHASE WALL TO SERVE BATHROOM FIXTURE GROUP. PIPING NOT SHOWN IN WALL.
10. PROVIDE A NONFREEZE WALL BOX HYDRANT WITH 1/2" CW DROP.

1 PLUMBING PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

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New Orleans, LA 701
T (area code) numb

Contractor
CONTRACTOR NAM
Address
Address
T (area code) numb

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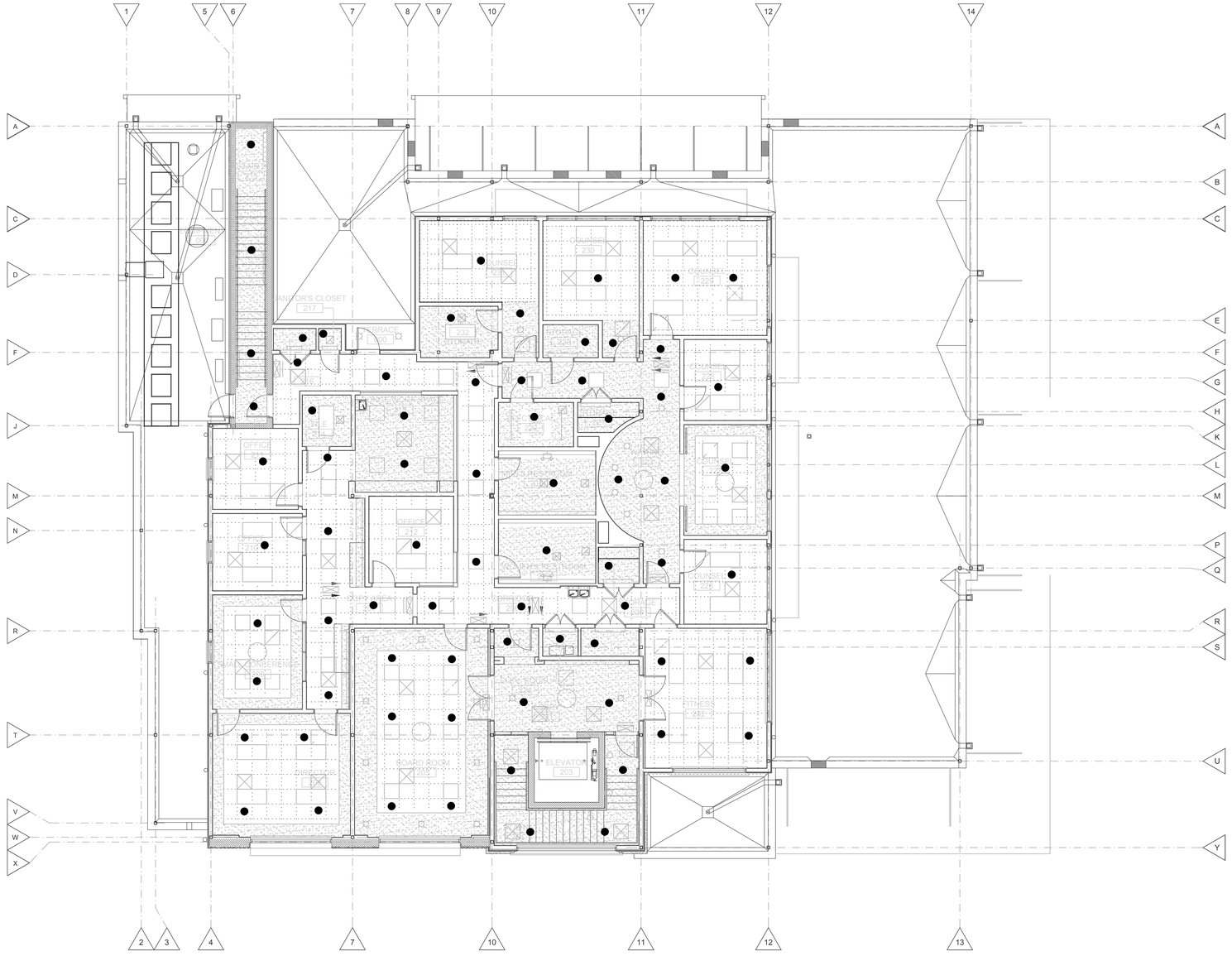
(RE-ISSUE 7/12/2023)

Title
Plumbing Plan
Second Floor

Sheet
P121

qnguyen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CLOSET
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OFFICE
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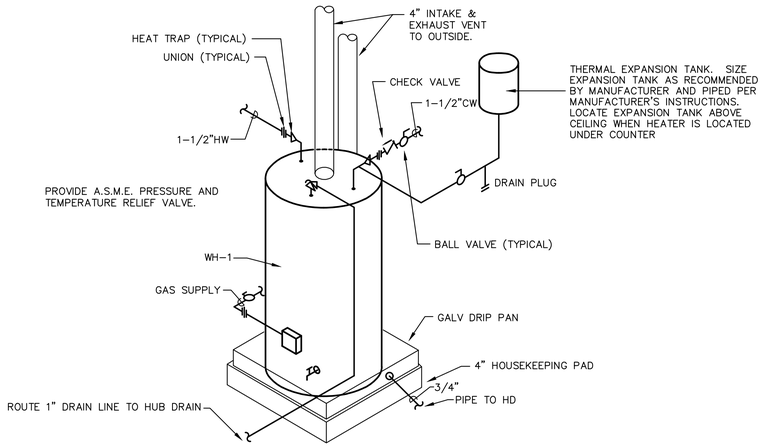
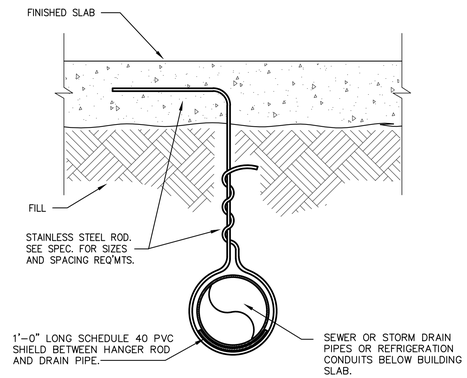
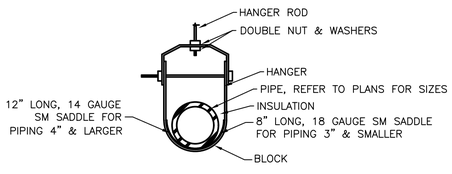


1 GAS FIRED WATER HEATER DETAIL
SCALE: NONE

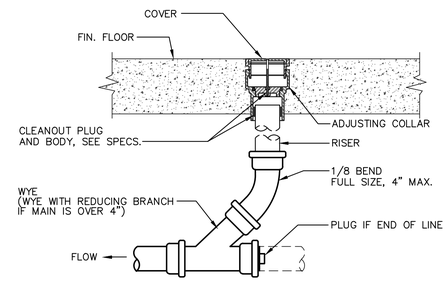


2 UNDERGROUND PIPE HANGER DETAIL
SCALE: NONE

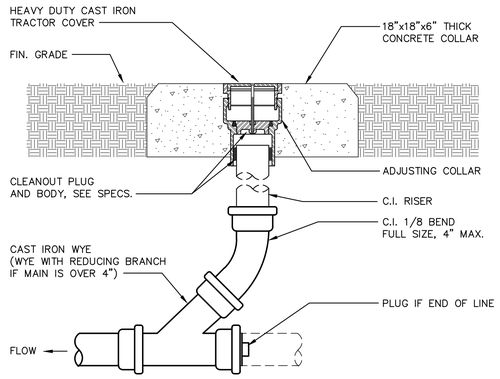


NOTE: TRAPEZE HANGERS ACCEPTABLE FOR MULTIPLE PIPE SUPPORTS.

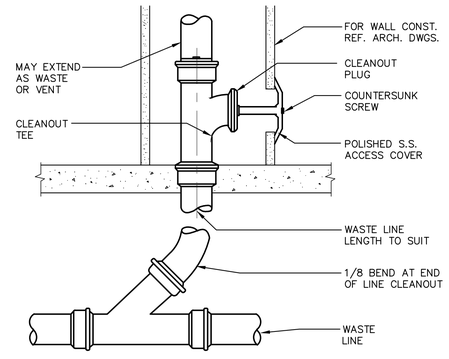
3 PIPE HANGER DETAIL
SCALE: NONE



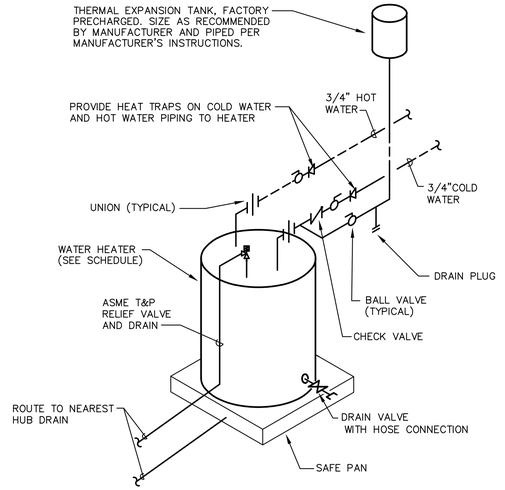
4 FLOOR CLEANOUT DETAIL
SCALE: NONE



5 EXTERIOR CLEANOUT
SCALE: NONE



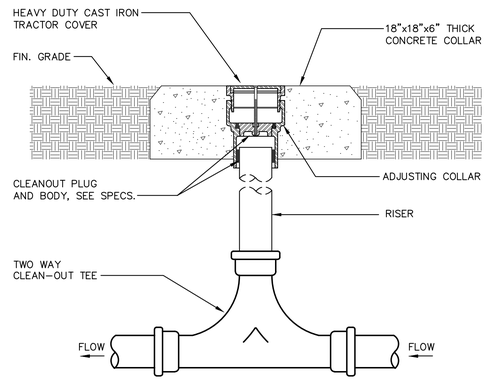
6 WALL CLEANOUT DETAIL
SCALE: NONE



PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE. PIPE RELIEF DRAIN TO HUB DRAIN. PROVIDE 16 GAGE G.I. SAFE PAN WITH 3" METAL LIP, 3" LARGER OVERALL. PIPE 3/4" DRAIN TO HUB DRAIN SEE PLANS

7 ELECTRIC WATER HEATER DETAIL
SCALE: NONE

SEE WATER HEATER SCHEDULE FOR WATER HEATER SIZE AND ELECTRICAL REQUIREMENTS.



8 TWO WAY EXTERIOR CLEANOUT
SCALE: NONE

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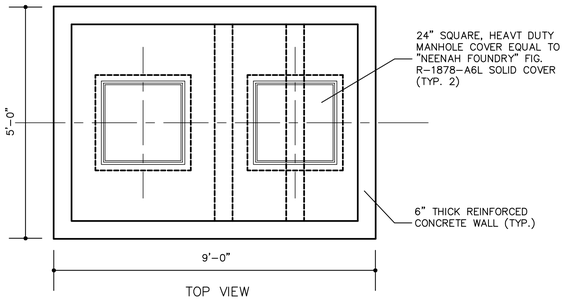
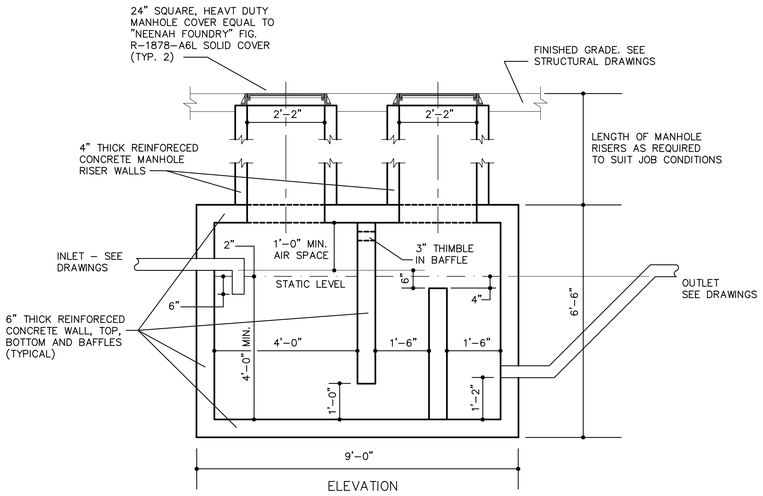
Title
Plumbing Details

Sheet
P201

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P201_PLUMB DETAILS
qnguyen





1 GREASE TRAP DETAIL
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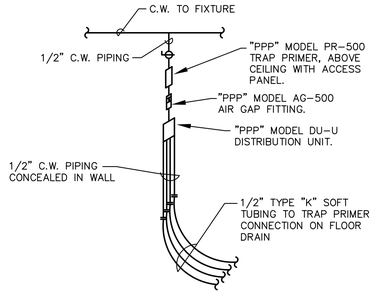
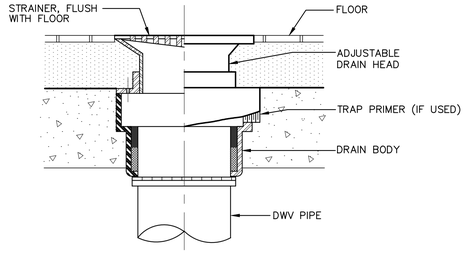


3 FLOOR DRAIN TRAP PRIMER DETAIL
SCALE: NONE



6 FLOOR DRAIN DETAIL
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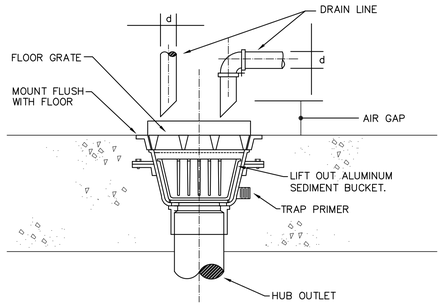
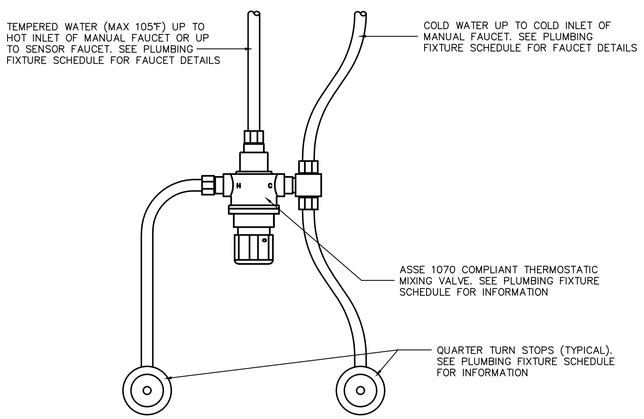


4 FLOOR SINK DETAIL (INDIRECT WASTE)
SCALE: NONE



2 POINT-OF-USE THERMOSTATIC MIXING VALVE DETAIL
SCALE: NONE

NOTE: CONTRACTOR SHALL INSTALL MIXING VALVE BELOW LAVATORIES/SINKS SO AS TO CONCEAL THE INSTALLATION AS MUCH AS PRACTICAL. CONTRACTOR SHALL PROVIDE A "MOCK-UP" OF A POINT OF USE MIXING VALVE INSTALLATION FOR APPROVAL PRIOR TO INSTALLING ALL MIXING VALVES

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Plumbing Details

Sheet
P202

SHEET SIZE 24" x 36"
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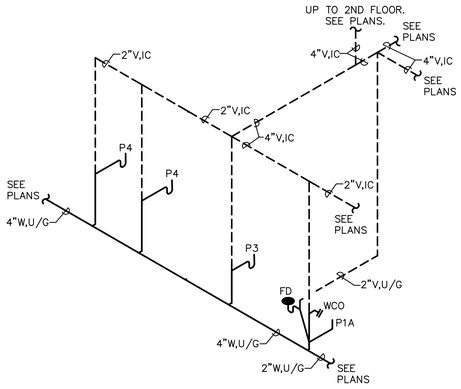
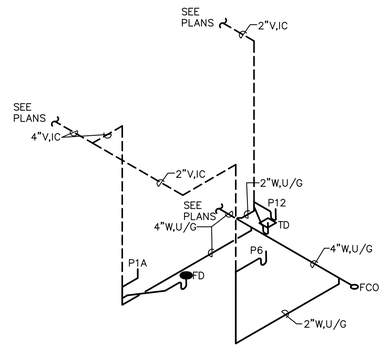
qnguyen



1 **122 MEN'S RESTROOM**
SCALE: NONE



2 **124 BATHROOM**
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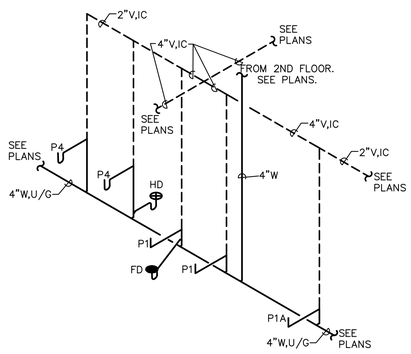

3 **121 WOMEN'S RESTROOM**
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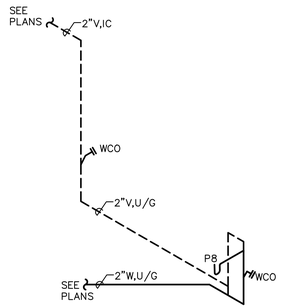

4 **TYPICAL ISLAND SINK**
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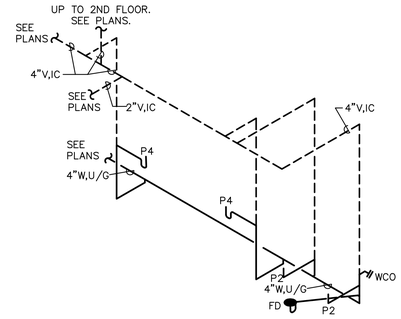
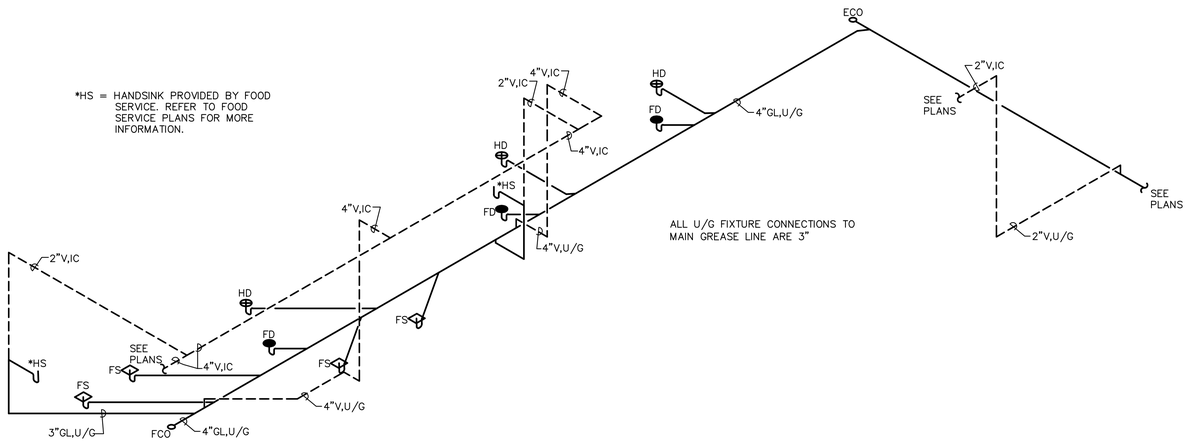
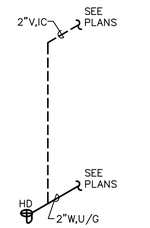


5 **133 RESTROOM 1**
SCALE: NONE

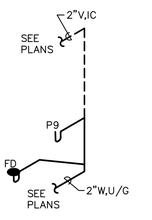
*HS = HANDSINK PROVIDED BY FOOD SERVICE. REFER TO FOOD SERVICE PLANS FOR MORE INFORMATION.



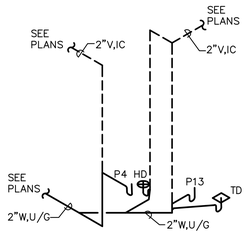
9 **110 KITCHEN**
SCALE: NONE



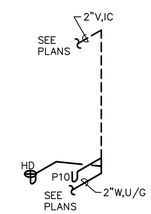
6 **TYPICAL HD**
SCALE: NONE



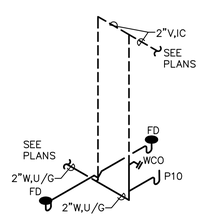
7 **122 UTILITY**
SCALE: NONE



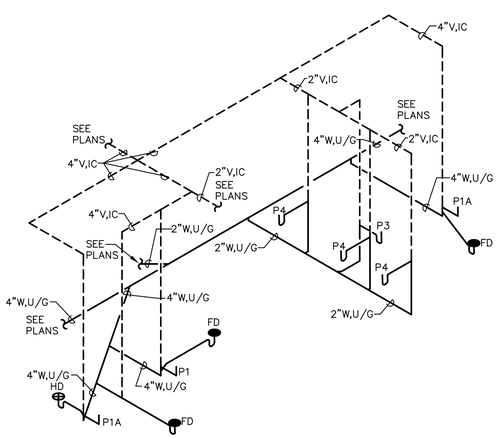
8 **133 RESTROOM 1**
SCALE: NONE



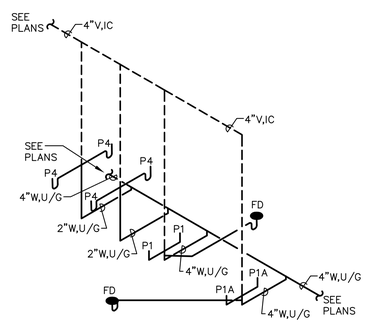
10 **217 JANITOR CLOSET**
SCALE: NONE



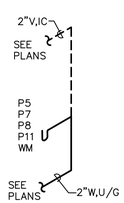
11 **117 JANITOR'S CLOSET**
SCALE: NONE



12 **139 RESTROOM 2**
SCALE: NONE



13 **218/219 RESTROOM**
SCALE: NONE



14 **TYPICAL SINGLE-ARM P-TRAP FIXTURE**
SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
EUGENE F. HIGBEE, III
REG. No. 26162
REGISTERED
PROFESSIONAL ENGINEER
IN
MECHANICAL ENGINEERING

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BID DOCUMENTS

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

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Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

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Drawn By	K.H.
Checked By	C.H.

Issue Date
9/24/2020
(RE-ISSUE 7/12/2023)

Title
Plumbing Risers

Sheet
P301

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-PLUMB\1882-P301_PLUMB RISERS
qnguyen

SYMBOL SCHEDULE – ELECTRICAL DOCUMENTS

SYMBOL CEILING	SYMBOL WALL	DESCRIPTION
		FLUORESCENT LIGHT FIXTURE (LETTER DENOTES FIXTURE TYPE) – SEE FIXTURE SCHEDULE
		FLUORESCENT LIGHT FIXTURE ON EMERGENCY CIRCUIT
		HID, INCANDESCENT, OR FLUORESCENT LIGHT FIXTURE SEE FIXTURE SCHEDULE
		"EXIT" LIGHT FIXTURE (WITH OR WITHOUT DIRECTIONAL ARROWS) EXIT LIGHTS ON EMERGENCY CIRCUITS ARE NOT SHADED
		EMERGENCY BATTERY PACK FIXTURE
	S	SINGLE–POLE TOGGLE SWITCH
	S_L	LED DIMMER SWITCH (0–10V)
	S_T	TIMER SWITCH
	S_{LV}	LOW VOLTAGE CONTROL SWITCH
	S_{OS}	PASSIVE INFRARED OCCUPANCY SENSOR/SWITCH
OS	OSH	PASSIVE INFRARED OCCUPANCY SENSOR
OS_U	OSH_U	ULTRASONIC OCCUPANCY SENSOR
		SPECIAL OUTLET – SEE PLAN FOR TYPE
		SIMPLEX CONVENIENCE OUTLET (20 AMP, 125 VOLT, NEMA 5–20R)
		DUPLEX OUTLET (15 AMP, 125 VOLT, NEMA 5–15R)
(FLOOR)		DUPLEX OUTLET (20AMP, 120 VOLT, NEMA 5–20R)
	$_{WP}$	WEATHER–RESISTANT DUPLEX OUTLET WITH WEATHERPROOF COVER
	$_{GFI}$	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX OUTLET
		QUADRAPLEX OUTLET (2–15 AMP, 125–VOLT, NEMA 5–15R MOUNTED IN ONE BOX)
(FLR)		COMMUNICATION OUTLET (ROUGH–IN ONLY)
		BRANCH CIRCUIT PANELBOARD
		DISTRIBUTION PANELBOARD
		FUSED DISCONNECT SWITCH
		NON–FUSED DISCONNECT SWITCH
		MAGNETIC MOTOR STARTER (SUPPLIED UNDER OTHER DIVISIONS)
		COMBINATION STARTER/DISCONNECT SWITCH
		SMOKE DETECTOR
$_H$	$_H$	SMOKE DETECTOR WITH SOUNDER BASE
		HEAT DETECTOR
		SMOKE DETECTOR WITH SAMPLING TUBE (A/H UNITS)
	M	FIRE ALARM ADDRESSABLE MONITOR MODULE
	FS	FLOW SWITCH
	TS	TAMPER SWITCH
	F	FIRE ALARM PULL STATION
		FIRE ALARM COMBINATION AUDIO/VISUAL ANNUNCIATION UNIT
		FIRE ALARM SPEAKER
	S	FIRE ALARM STROBE
	C/M	FIRE ALARM ADDRESSABLE CONTROL MODULE

SYMBOL	DESCRIPTION
	JUNCTION BOX WITH FIXTURE WHIP
J	JUNCTION BOX
#	MOTOR – SINGLE–PHASE (NUMERAL DENOTES HORSEPOWER)
#	MOTOR – THREE PHASE (NUMERAL DENOTES HORSEPOWER)
H H	HANDHOLE
	CIRCUIT BREAKER DEVICE
	SWITCH DEVICE
	FUSE
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
M M	MANHOLE
	GROUND CONNECTION
E	SPECIAL CIRCUIT (E=EMERGENCY, T=TELEPHONE, T.V.=TELEVISION, EX=EXISTING, ETC.)
	WIRING (IN CONDUIT) CONCEALED IN OR UNDER SLAB
	WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL
	WIRING (IN CONDUIT) RUN EXPOSED
	EXISTING
	WIRING (IN CONDUIT) RUN UNDER GROUND
	EXTEND EXISTING CONDUIT WITH NEW CONDUIT
	CIRCUIT TURNED UP
	CIRCUIT TURNED DOWN
A	OUTDOOR AERIAL CONDUCTORS
A	AMP
AC	AIR CONDITION
AFF	ABOVE FINISHED FLOOR
A.L.	ABOVE LANDING
ANN	ANNUNCIATOR PANEL
C	CONDUIT
C/B	CIRCUIT BREAKER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
P	POLE
UON	UNLESS OTHERWISE NOTED
V	VOLT
WH	WATER HEATER
W	WIRE
	TELEPHONE BACKBOARD
	NOTE REFERENCE
L:1,2	HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO (HASH MARKS), OPPOSITE SLANT DENOTES GROUND, NUMBER OF CIRCUITS (NUMBER OF ARROWS)
X / Y | Z	DETAIL: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS REFERENCED FROM "Z" DENOTES SHEET DETAIL IS DRAWN ON
X / Y	DETAIL OR PLAN REFERENCE: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS REFERENCED FROM
1	PLAN OR DETAIL

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE – NFPA 70–2011.
2. ALL EQUIPMENT INDICATED SHALL BE FOR USE INDOORS (NEMA 1); UNLESS NOTED OTHERWISE.
3. ALL FUSED DISCONNECT SWITCHES SERVING EQUIPMENT SUPPLIED UNDER OTHER DIVISIONS OF THE WORK SHALL BE PROVIDED WITH FUSES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER; UNLESS NOTED OTHERWISE.
4. SEPARATE GREEN GROUND CONDUCTORS ARE REQUIRED FOR ALL RECEPTACLE AND FEEDER CIRCUITS; SEE SPECIFICATIONS.
5. CONTRACTOR SHALL UTILIZE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES AND MECHANICAL EQUIPMENT.
6. FIRESTOP MATERIALS (U.L.LISTED) AND ARE REQUIRED AT ALL PENETRATIONS THROUGH RATED FLOORS, WALLS, CEILING AND PARTITIONS.
7. CONDUCTORS SHALL BE COLOR CODED PER N.E.C.. IDENTIFY ALL CONDUCTORS AND BOXES.
8. WRITTEN SPECIFICATIONS DESCRIBING MATERIALS AND METHODS ARE PART OF THIS DIVISION AND SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION OF THE PROJECT.

These plans and specifications have been prepared by or under our supervision and, to the best of our knowledge and belief, they comply with all City requirements.
Engineer Richard Nichols
License Number 25896
Periodic site visits will (will not) be made by our firm

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STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
RICHARD E. NICHOLS

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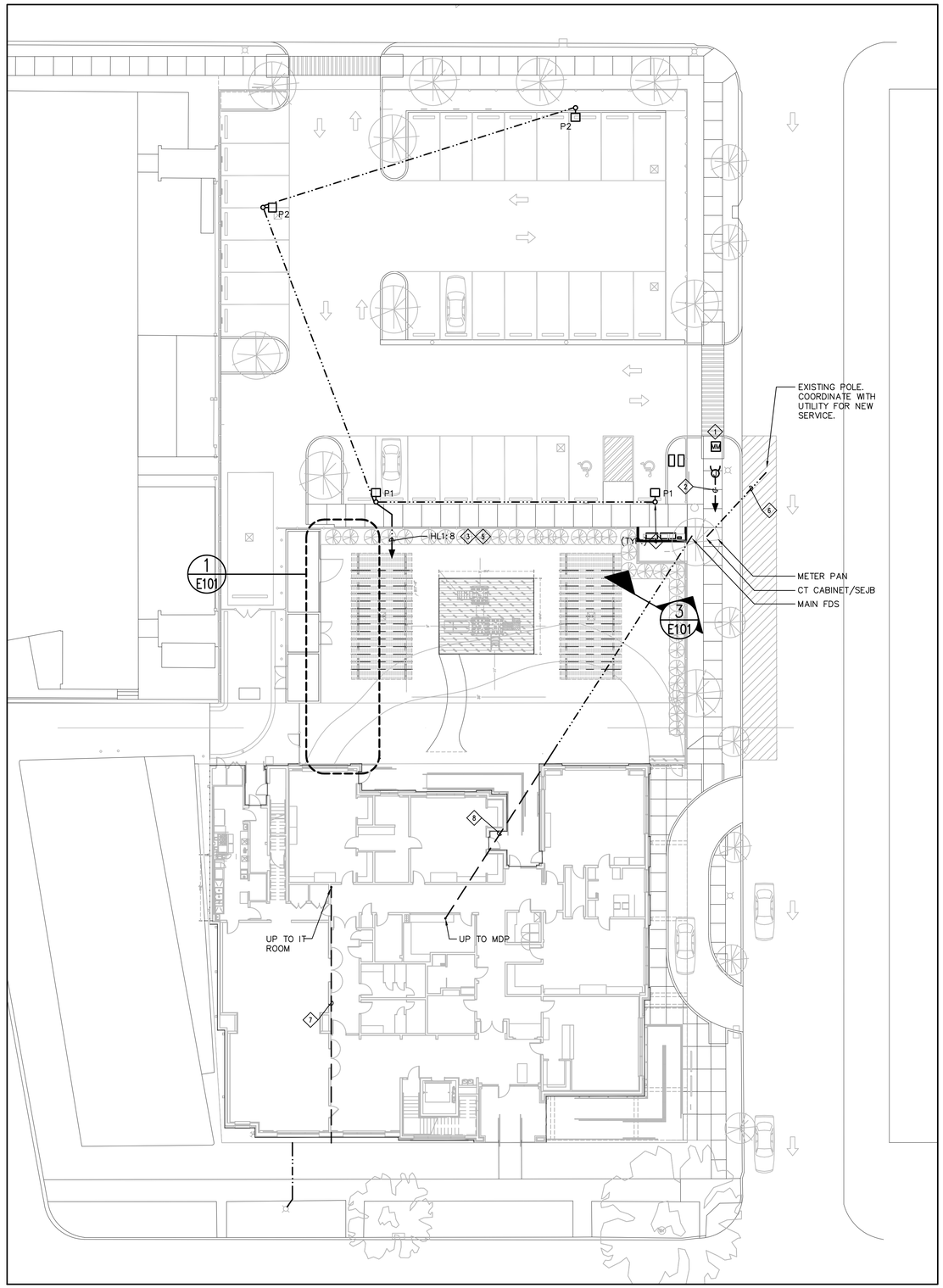
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Legend and Notes

Sheet
E001

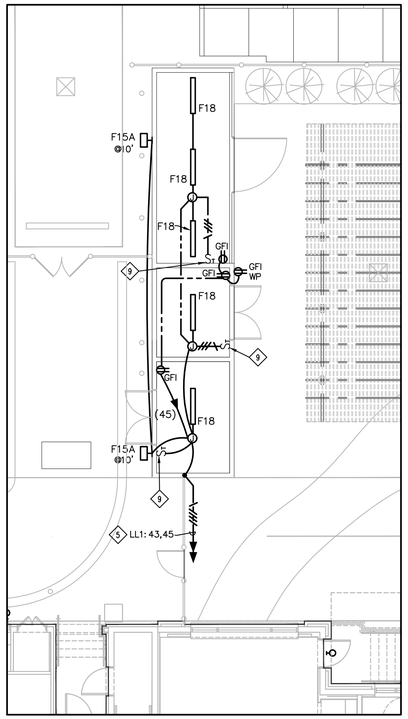
SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E001_ELEC LEGEND & NOTES
qnguyen



1 ELECTRICAL SITE PLAN - OVERALL

SCALE: 1/16"=1'-0"

TRUE NORTH PLAN NORTH



2 ENLARGED ELECTRICAL SITE PLAN

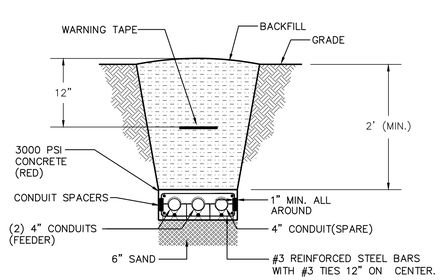
SCALE: 1/8"=1'-0"

PLAYGROUND STORAGE

TRUE NORTH PLAN NORTH

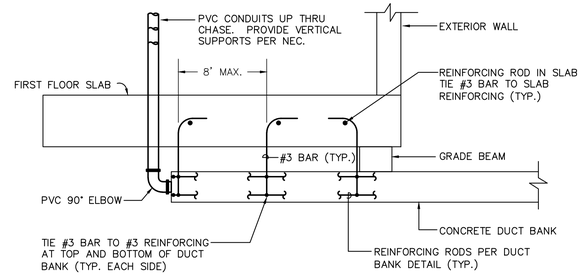
SPECIFIC NOTES:

1. PROVIDE FIRE ALARM MONITOR MODULES TO MONITOR THE TWO TAMPER SWITCHES AT THE BACKFLOW PREVENTER.
2. ROUTE FIRE ALARM CABLE IN A 1" PVC SCHEDULE 40 CONDUIT UNDERGROUND FROM BACKFLOW PREVENTOR LOCATION BACK TO FACP IN BUILDING. CONDUIT SHALL BE ROUTED AT LEAST 24" BELOW GRADE AND WHERE IT RISES UP TO ABOVE GROUND TRANSITION TO RIGID GALVANIZED CONDUIT.
3. ROUTE CIRCUITRY BACK THRU LIGHTING CONTROL PANEL LCP-1. SEE LIGHTING CONTROL PANEL DETAIL SHEET E301.
4. SEE DETAIL 5 ON SHEET E301 FOR LIGHT POLE FOUNDATION.
5. USE # 10 CONDUCTORS THE ENTIRE CIRCUIT RUN.
6. ROUTE 3-4" PVC SCHEDULE 80 CONDUITS UNDERGROUND AT LEAST 24" TO ENTERGY POLE. ROUTE UP POLE PER ENTERGY STANDARDS. COORDINATE WITH ENTERGY TO OBTAIN NEW ELECTRICAL SERVICE.
7. ROUTE 2-4" PVC CONDUITS FROM FIRST FLOOR IT ROOM UNDERGROUND TO UTILITY POLE INDICATED. STUB UP CONDUITS UP AT POLE TO ACCEPT NEW COMMUNICATIONS AND CATV SERVICES. COORDINATE WITH OWNER'S SERVICE PROVIDERS FOR EXACT REQUIREMENTS. CONDUITS SHALL BE ROUTED AT LEAST 24" BELOW GRADE.
8. ROUTE FEEDER IN CONCRETE ENCASEMENT. SEE DETAIL 3. CONTINUE ENCASEMENT OF FEEDER UNDERNEATH BUILDING. SEE DETAIL 4. SEE ELECTRICAL RISER DIAGRAM ON SHEET E501 FOR FEEDER SIZE. USE 4" CONDUIT AS NOTED ON THIS SHEET INSTEAD OF 3" CONDUITS AS NOTED ON RISER DIAGRAM.
9. PROVIDE A DIGITAL TIME SWITCH WATTSTOPPER CAT# TS-400 OR EQUAL.



3 SECTION THROUGH DUCT BANK MAIN ELECTRICAL SERVICE

SCALE: NONE



4 DUCT BANK SUPPORT UNDER BUILDING

SCALE: NONE

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STATE OF LOUISIANA
Richard E. Nichols
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REGISTERED PROFESSIONAL ENGINEER

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Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
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Issue Date
08/05/2021
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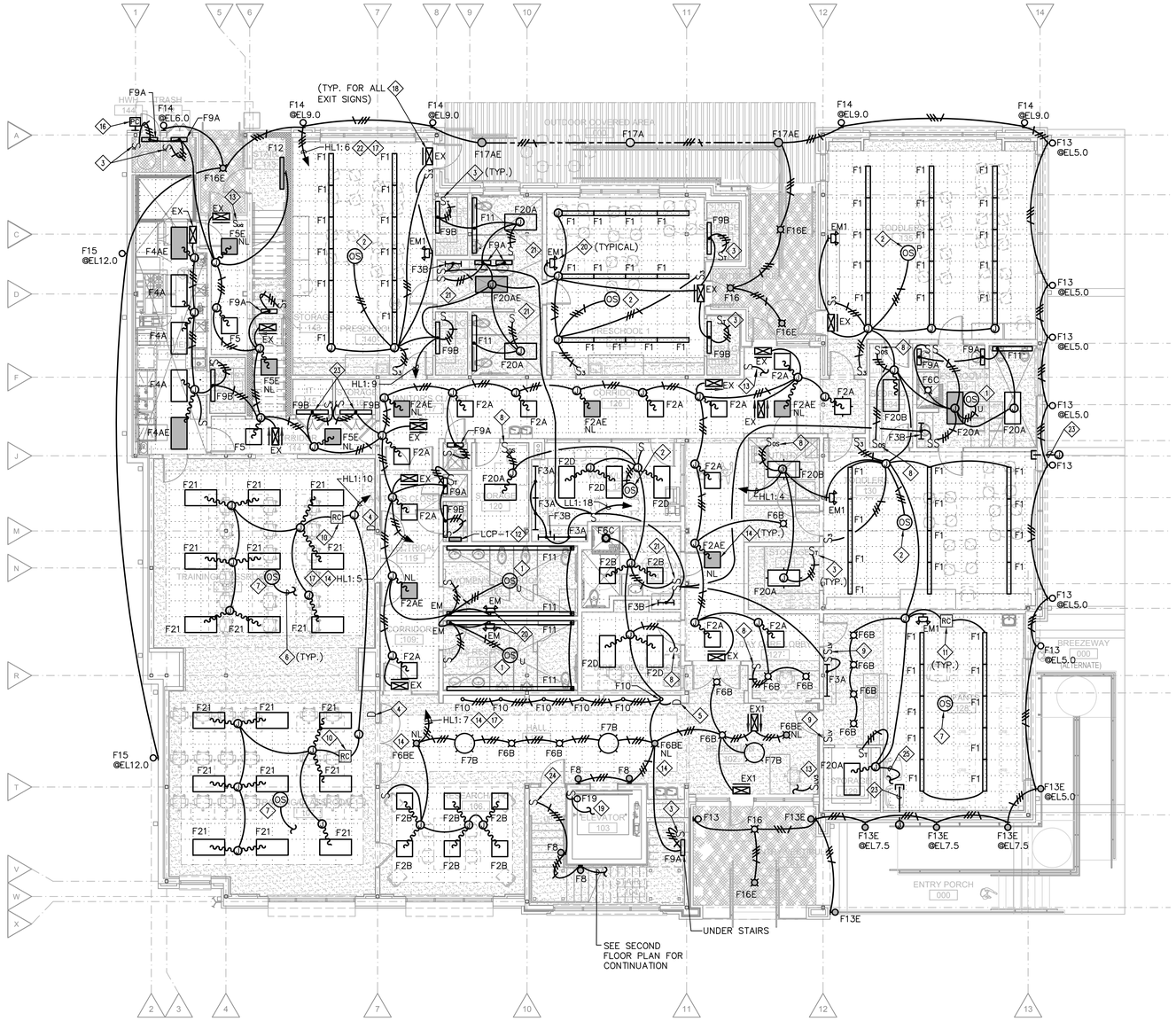
Title
Electrical Site Plan Overall And Enlarged Entry

Sheet
E101

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E101_ELEC SITE
qnguyen



1 LIGHTING PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES

1 REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHT OF ALL EXTERIOR FIXTURES AND INTERIOR WALL SCONCES.

SPECIFIC NOTES

1. PROVIDE CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER CAT# UT-300-2 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
2. PROVIDE CEILING MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT# CI-300 OR EQUAL. INCLUDE POWER PACK WATTSTOPPER CAT#BZ-150. SEE DETAIL 3 SHEET E302 FOR WIRING DIAGRAM.
3. PROVIDE A DIGITAL TIME SWITCH WATTSTOPPER CAT# TS-400 OR EQUAL.
4. PROVIDE DIMMING WALL SWITCH WATTSTOPPER CAT# LMDM-101 OR EQUIVALENT. SEE WIRING DIAGRAM 3 ON SHEET E302.
5. PROVIDE A 0-10 VOLT DIMMERS WATTSTOPPER MODEL RH4FBL3P OR EQUAL TO CONTROL LED DOWNLIGHTS. ROUTE 0-10 VOLT WIRING TO EACH FIXTURE.
6. CONNECT TO ROOM CONTROLLER WITH LOW VOLTAGE WIRING. SEE WIRING DIAGRAM 3 ON SHEET E302.
7. PROVIDE DIGITAL PASSIVE INFRARED CEILING MOUNTED OCCUPANCY SENSOR WATTSTOPPER MODEL LMPC-100. SEE WIRING DIAGRAM 2 ON SHEET E302.
8. PROVIDE A WALL MOUNTED PIR OCCUPANCY SENSOR WATTSTOPPER CAT # PW-100 OR EQUAL.
9. PROVIDE TWO BUTTON DIGITAL WALL SWITCH WATTSTOPPER LMSW-102 OR EQUAL. ONE BUTTON SHALL CONTROL THE F1 PENDANT FIXTURES AND ONE BUTTON SHALL CONTROL THE DOWNLIGHTS. SEE WIRING DIAGRAM 2 ON SHEET E302.
10. PROVIDE ONE RELAY 0-10 VOLT DIMMING ROOM CONTROLLER WATTSTOPPER MODEL LMRC-211 OR EQUAL. SEE WIRING DIAGRAM 5 ON SHEET E302.
11. PROVIDE TWO RELAY SWITCHING ROOM CONTROLLER WATTSTOPPER MODEL LMRC-102 OR EQUAL. SEE WIRING DIAGRAM 2 ON SHEET E302.
12. PROVIDE LIGHTING CONTROL PANEL LCP-1. SEE DETAIL 2 ON SHEET E303 AND LIGHTING CONTROL SCHEDULE FOR MORE INFORMATION.
13. PROVIDE TWO BUTTON DATA LINE SWITCH FOR CORRIDOR. SEE LIGHTING CONTROL WIRING DIAGRAM 2 ON SHEET E303 FOR MORE INFORMATION. VERIFY EXACT LOCATION WITH OWNER BEFORE ROUGH-IN.
14. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURES. DO NOT SWITCH. THESE FIXTURES WILL OPERATE AS A NIGHT LIGHT.
15. PROVIDE A DUAL TECHNOLOGY MULTI-WAY WALL SWITCH OCCUPANCY SENSOR WATTSTOPPER MODEL DW-103 OR EQUAL.
16. WALL MOUNT PHOTOCONTROLS AT 14'. SEE DETAIL 2 ON SHEET E303 AND LIGHTING CONTROL SCHEDULE FOR MORE INFORMATION.
17. ROUTE CIRCUITRY BACK THRU LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL SCHEDULE ON SHEET E303 FOR MORE INFORMATION. INCLUDE HOT CONDUCTOR TO BE ROUTED TO ALL EMERGENCY FIXTURES.
18. WIRE THE HOT CONDUCTOR TO ALL EXIT SIGNS. DO NOT SWITCH THESE FIXTURES.
19. WIRE PIT LIGHT TO 120 VOLT PIT RECEPTACLE CIRCUIT.
20. WALL MOUNT EMERGENCY FIXTURE AT 8' ABOVE FLOOR. WIRE THE HOT CONDUCTOR ONLY TO THE EMERGENCY FIXTURE. DO NOT SWITCH.
21. PROVIDE ULTRASONIC WALL SWITCH WATTSTOPPER UW-100 OR EQUAL.
22. USE # 10 CONDUCTORS ENTIRE CIRCUIT RUN.
23. ROUTE A 1" CONDUIT FROM ABOVE CEILING TO EXTERIOR OF BUILDING. PROVIDE A CAP ON END OF CONDUIT. CONDUIT TO BE USED TO PROVIDE CIRCUITRY TO FUTURE CANOPY FIXTURES.

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Drawn By	K.H.
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Issue Date
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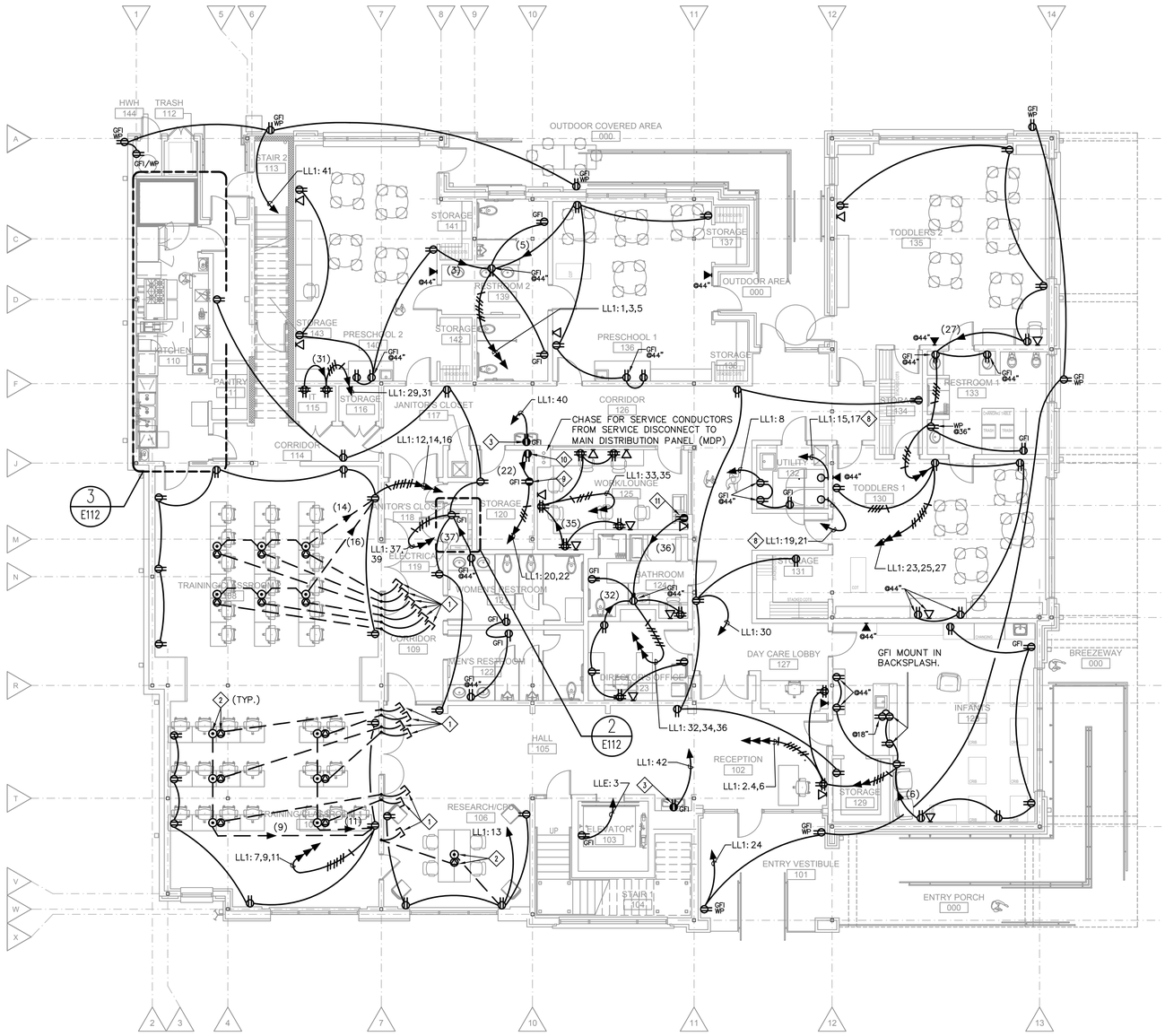
(RE-ISSUE 7/12/2023)

Title
Lighting Plan
First Floor

Sheet
E111

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E111_LITE 1ST
qnguyen



1 POWER AND COMMUNICATION PLAN - FIRST FLOOR
SCALE: 1/8"=1'-0"

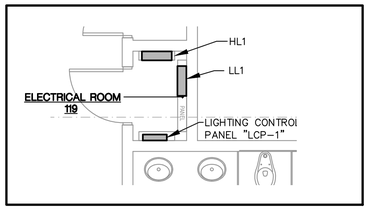
TRUE NORTH PLAN NORTH

SPECIFIC NOTES:

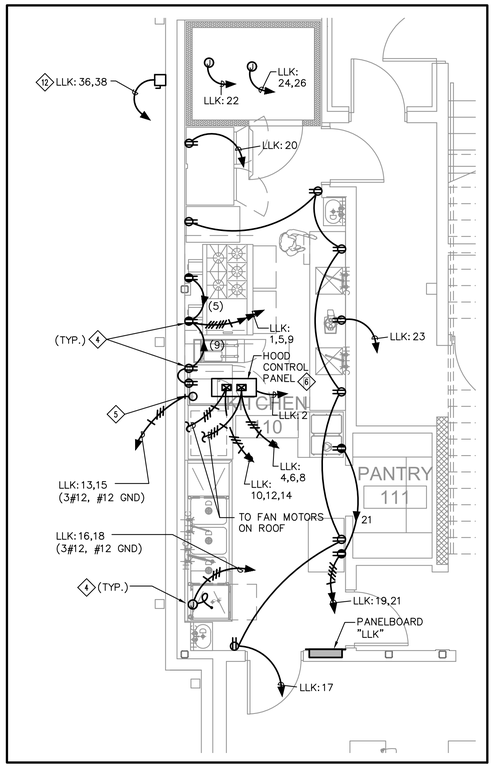
1. ROUTE CONDUIT UP FROM SLAB TO WITHIN WALL CAVITY. UP WITHIN WALL TO ABOVE ACCESSIBLE CEILING. PROVIDE PULL CORD.
2. PROVIDE POWER/DATA FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (4) RS-485 DATA JACKS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
3. DEDICATED RECEPTACLE FOR WATER COOLER. COORDINATE INSTALL WITH PLUMBING INSTALLER.
4. COORDINATE MOUNTING HEIGHT OF ALL KITCHEN EQUIPMENT POWER CONNECTIONS WITH VENDOR EQUIPMENT SCHEDULE.
5. PROVIDE 120/240-VOLT, 20A, NEAM 14-20R RECEPTACLE FOR MICROWAVE. VERIFY REQUIREMENT WITH MANUFACTURER'S INSTRUCTIONS IN FIELD PRIOR TO PURCHASE.
6. COORDINATE CONNECTIONS TO HOOD CONTROL PANEL WITH EQUIPMENT MANUFACTURER.
7. DEDICATED RECEPTACLE FOR SUMP PUMP. SEE PLUMBING PLANS AND COORDINATE ROUGH-IN WITH MECHANICAL.
8. PROVIDE NEMA 14-30R RECEPTACLE FOR COMBO WASHER/DRYER AND ROUTE 2 #10, 1 #10 NEUTRAL, 1 #10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE C/B IN DESIGNATED PANEL.
9. PROVIDE DEDICATED RECEPTACLE FOR SHREDDER. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
10. PROVIDE DEDICATED RECEPTACLE FOR MILK COOLER. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
11. PROVIDE DEDICATED RECEPTACLE FOR COPY MACHINE. COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
12. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT REMOTE CONDENSING UNIT FOR WALK-IN FREEZER AND ROUTE 2#12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.

GENERAL NOTES:

1. RECEPTACLES INSTALLED OUTSIDE OR IN AREAS ACCESSIBLE TO CHILDREN SHALL BE TAMPER-RESISTANT.
2. RECEPTACLES INSTALLED OUTSIDE, IN RESTROOMS, IN TOILET ROOMS, AND IN KITCHENS SHALL BE GFI TYPE.
3. PROVIDE PUTTY PADS FOR ALL DEVICES RECESSED IN RATED WALLS. PAD RATING SHALL MATCH THAT OF THE WALL INSTALLED IN.
4. ELECTRICAL EQUIPMENT PROVIDED MUST MEET THE DIMENSIONAL REQUIREMENTS ILLUSTRATED ON PLANS. NEC AND MANUFACTURE'S REQUIRED CLEARANCES MUST BE KEPT.
5. SEE D4/E301 FOR TYPICAL COMMUNICATION OUTLET ROUGH-IN.



2 POWER PLAN - ELEC. ROOM
SCALE: 1/4"=1'-0"



3 POWER PLAN - KITCHEN
SCALE: 1/4"=1'-0"

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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BID DOCUMENTS

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Contractor
CONTRACTOR NAME
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First Floor

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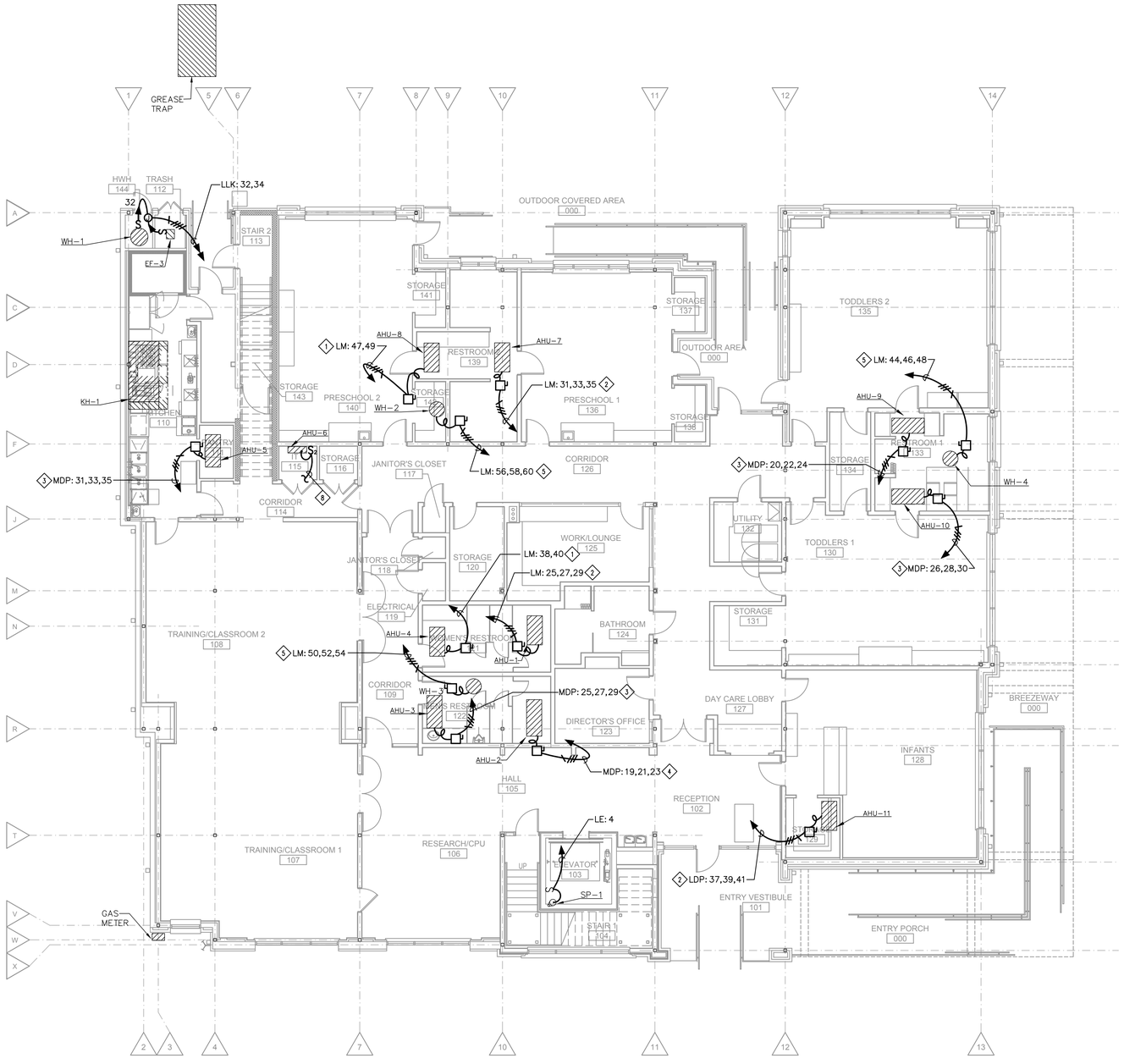
qnguyen



SPECIFIC NOTES:

1. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT AHU AND ROUTE 2 #6, 1#10 GND IN 1" CONDUIT BACK TO 60 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
2. PROVIDE A 60 AMP, 3 POLE, 240 VOLT FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#8, 1#10 IN 1" CONDUIT BACK TO 40 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
3. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#12, 1#12 IN 3/4" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
4. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#10, 1#10 IN 3/4" CONDUIT BACK TO 30 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
5. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT WATER HEATER AND ROUTE 3#12, 1#12 IN 1" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
6. PROVIDE A FIRE ALARM RELAY MODULE TO CONTROL 120 VOLT POWER TO THE FIRE SMOKE DAMPERS. UPON DETECTION OF SMOKE IN THE CORRIDOR OR BY EITHER DUCT DETECTOR THE POWER THE SMOKE DAMPERS SHALL BE DROPPED. THE SMOKE DAMPERS ARE POWERED IN THE OPEN POSITION AND WILL CLOSE UPON LOSS OF POWER.
7. ROUTE 120 VOLT CIRCUIT FOR EXHAUST FAN THRU LINE VOLTAGE THERMOSTAT (PROVIDED BY MECH).
8. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT ASSOCIATED WITH THIS INDOOR UNIT TO 20 AMP, 2 POLE, 240 VOLT TOGGLE SWITCH AT INDOOR UNIT. FROM SWITCH MAKE CONNECTION TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.

1 MECHANICAL POWER PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

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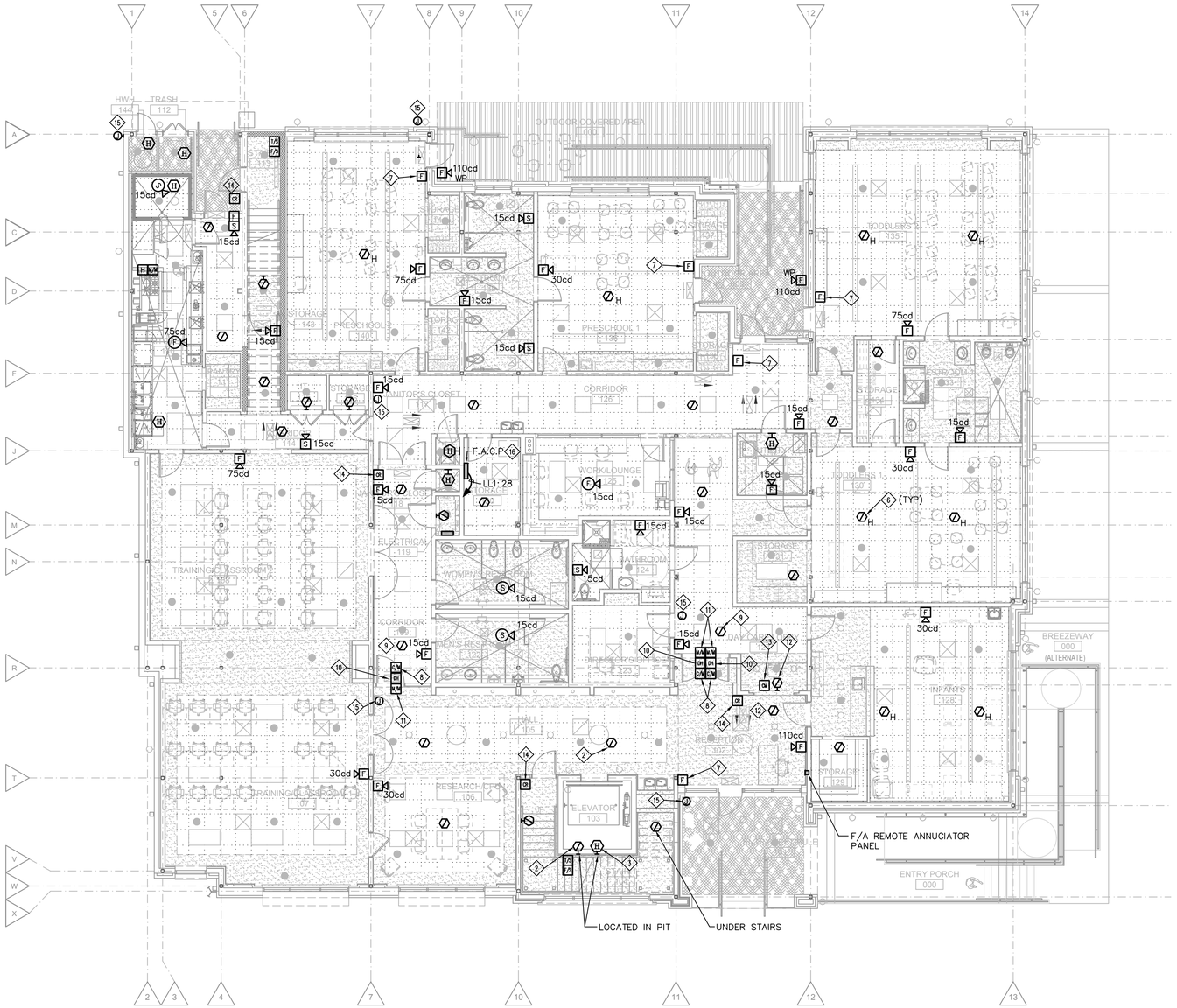

GENERAL NOTES:

1. FIRE ALARM SYSTEM AND ASSOCIATED DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
2. FIRE ALARM SYSTEM CABLES SHALL BE LISTED FOR FIRE ALARM USE, SHALL HAVE A RED JACKET, AND SHALL BE INSTALLED IN RACEWAY.
3. PROVIDE DUCT-MOUNTED SMOKE SENSOR UPSTREAM OF EACH SMOKE DAMPER AND PROVIDE ADDRESSABLE CONTROL MODULE TO CLOSE DAMPER UPON SENSING SMOKE UPSTREAM. SENSOR AND CONTROL MODULE SHALL REMAIN ACCESSIBLE AFTER INSTALLATION. SEE MECHANICAL PLANS FOR QUANTITY AND LOCATIONS OF SMOKE DAMPERS.

SPECIFIC NOTES:

1. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR PRIMARY RECALL FUNCTIONS.
2. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR ALTERNATE RECALL SEQUENCE.
3. ADDRESSABLE HEAT SENSOR SHALL INITIATE ELEVATOR SHUTDOWN SEQUENCE. LOCATE HEAT SENSOR(S) WITHIN 2-FEET OF EACH SPRINKLER HEAD IN THE SHAFT, PIT, OR MACHINE ROOM. COORDINATE QUANTITY OF REQUIRED SENSORS WITH SPRINKLER SYSTEM SHOP DRAWINGS.
4. PROVIDE ADDRESSABLE RELAYS FOR INITIATION OF ELEVATOR RECALL AND SHUTDOWN SEQUENCES.
5. PROVIDE ADDRESSABLE MONITOR MODULE AND POWER MONITORING RELAY TO MONITOR AVAILABLE CONTROL POWER FOR THE SHUNT TRIP COIL OF THE BREAKER THAT SERVES THE ELEVATOR EQUIPMENT IN ACCORDANCE WITH NFPA 72:6.16.4.4.
6. PROVIDE ADDRESSABLE SMOKE SENSOR WITH SOUNDER BASE IN DAY CARE ROOMS. SOUNDER BASE SHALL ACTIVATE ON LOCAL ALARM ONLY.
7. PROVIDE CLEAR, TAMPER-RESISTANT COVER WITH BATTERY OPERATED HORN OVER PULL STATION.
8. ADDRESSABLE CONTROL RELAY SHALL RELEASE DOOR HOLDER UPON SENSING SMOKE WITHIN 5' OF DOOR.
9. DETECTOR SHALL INITIATE DOOR RELEASE FOR ADJACENT DOORS HELD OPEN.
10. JAMB-MOUNTED DOOR HOLDER/CLOSER WITH INTEGRAL SMOKE DETECTOR. DOOR SHALL RELEASE UPON DETECTION OF SMOKE FROM INTEGRAL DETECTOR OR ADJACENT SYSTEM DETECTOR.
11. ADDRESSABLE MONITOR MODULE SHALL MONITOR SMOKE DETECTOR INTEGRAL TO DOOR HOLDER/CLOSER.
12. DETECTOR SHALL INITIATE WINDOW RELEASE/CLOSURE.
13. ADDRESSABLE CONTROL RELAY SHALL CLOSE WINDOW UPON SENSING SMOKE WITHIN 5' OF WINDOW.
14. PROVIDE ROUGH-INS FOR FUTURE CARD READER AND DOOR STRIKE/MAG LOCK. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
15. PROVIDE ROUGH-IN FOR FUTURE CCTV CAMERA. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
16. PROVIDE DEDICATED 120-VOLT, 20-AMP CIRCUIT FOR FACP AND DEDICATED TELEPHONE LINE.

1 SPECIAL SYSTEMS PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

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Special Systems Plan
First Floor

Sheet
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SHEET SIZE 24" x 36"
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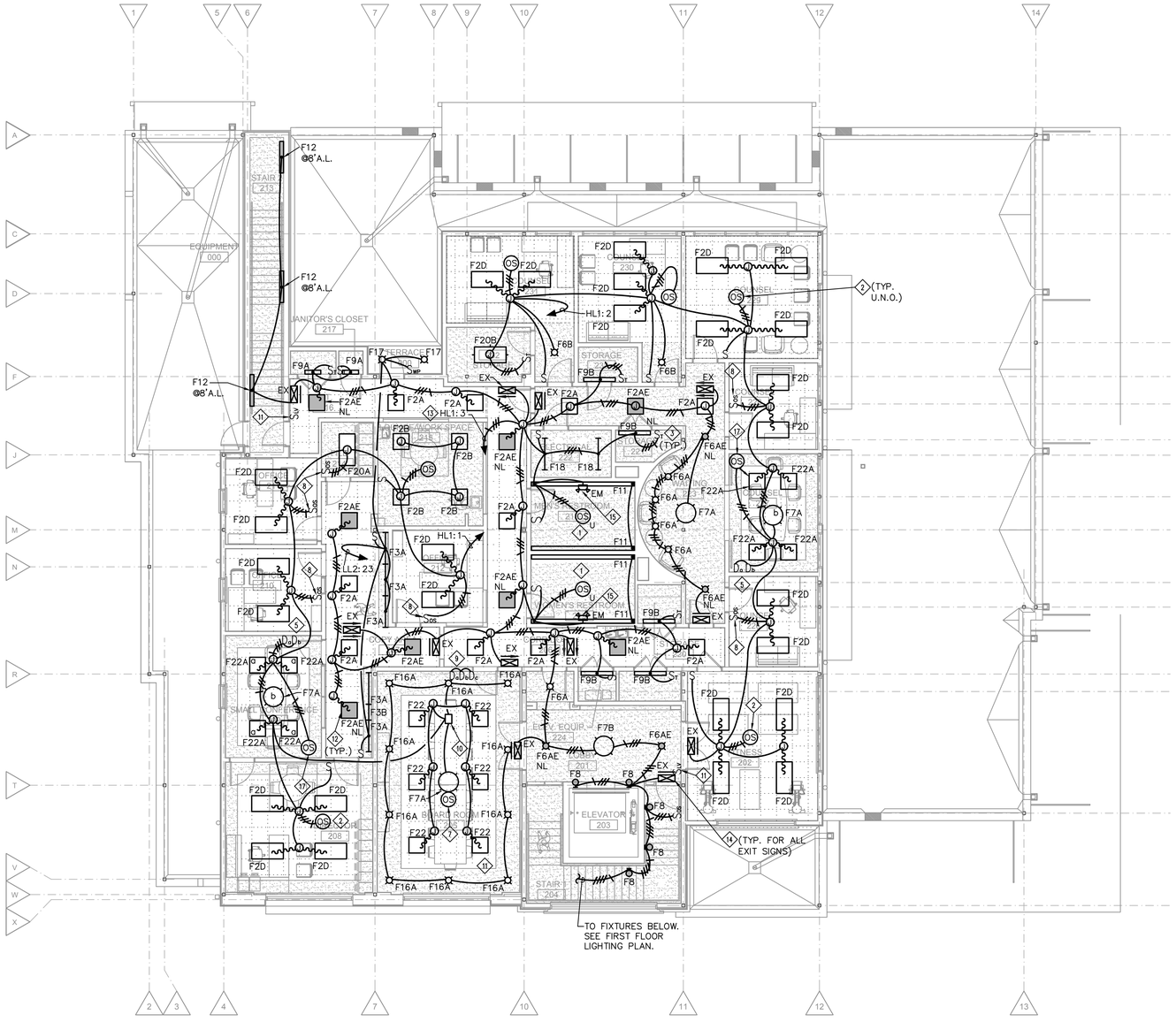
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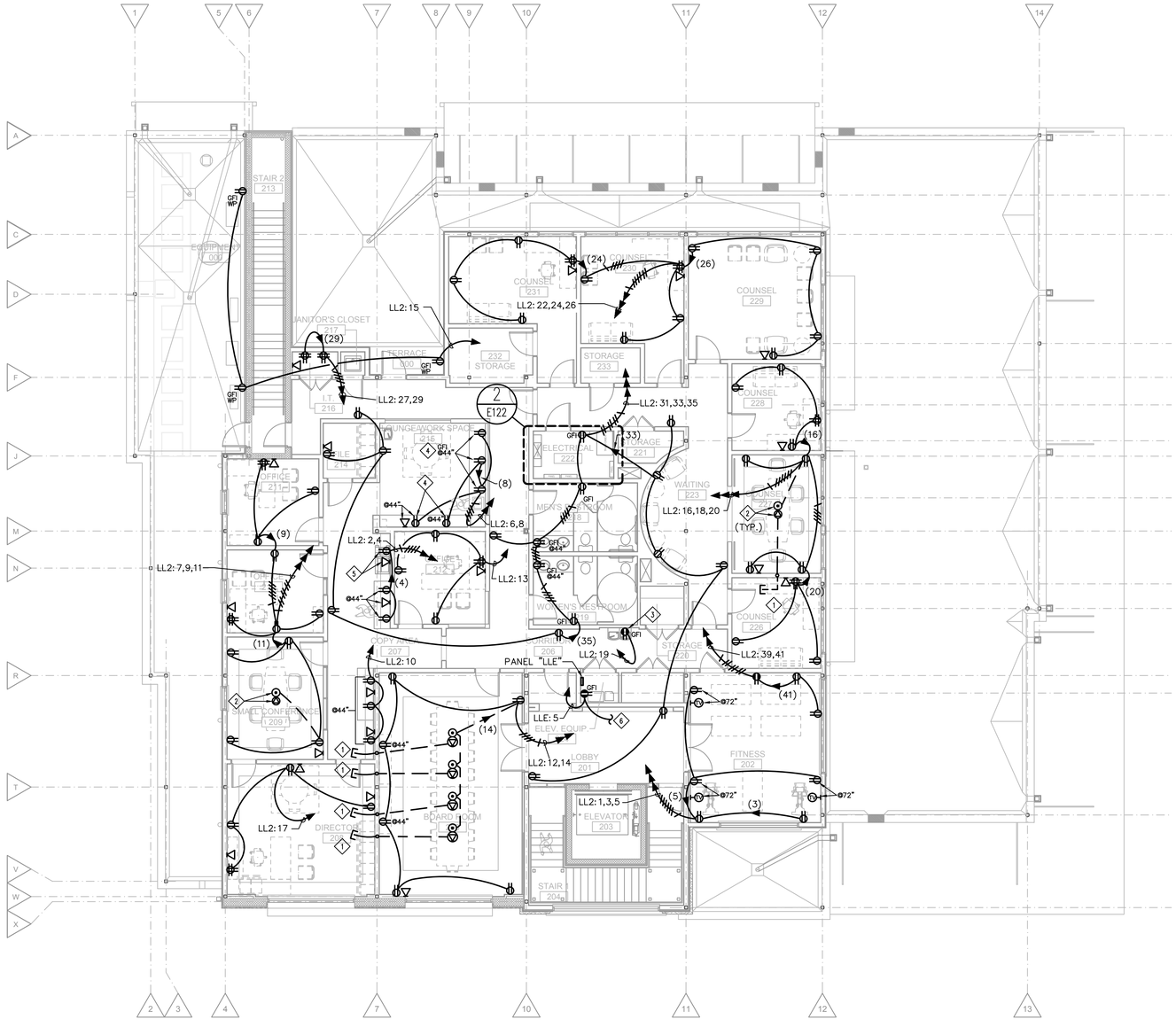
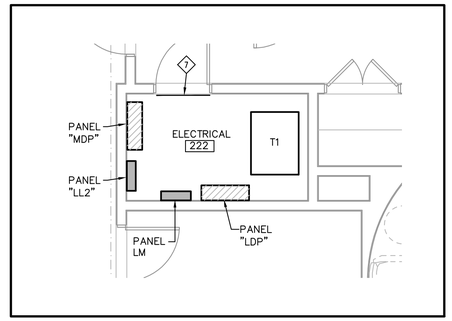


1 POWER PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH



2 POWER PLAN - ELECTRICAL ROOM

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES:

1. RECEPTACLES INSTALLED OUTSIDE OR IN AREAS ACCESSIBLE TO CHILDREN SHALL BE TAMPER-RESISTANT.
2. RECEPTACLES INSTALLED OUTSIDE, IN RESTROOMS, IN TOILET ROOMS, AND IN KITCHENS SHALL BE GFI TYPE.
3. PROVIDE PUTTY PADS FOR ALL DEVICES RECESSED IN RATED WALLS. PAD RATING SHALL MATCH THAT OF THE WALL INSTALLED IN.
4. ELECTRICAL EQUIPMENT PROVIDED MUST MEET THE DIMENSIONAL REQUIREMENTS ILLUSTRATED ON PLANS. NEC AND MANUFACTURE'S REQUIRED CLEARANCES MUST BE KEPT.
5. SEE D4/E301 FOR TYPICAL COMMUNICATION OUTLET ROUGH-IN.

SPECIFIC NOTES:

1. ROUTE CONDUIT UP FROM BELOW SLAB TO WITHIN WALL CAVITY. UP WITHIN WALL TO ABOVE ACCESSIBLE CEILING. PROVIDE PULL CORD.
2. PROVIDE POWER/DATA FLOOR BOX, WITH (2) DUPLEX RECEPTACLES AND (4) RS-485 DATA JACKS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
3. DEDICATED RECEPTACLE FOR WATER COOLER COORDINATE INSTALL WITH PLUMBING INSTALLER.
4. COORDINATE INSTALLATION WITH MILLWORK SHOP DRAWING.
5. DEDICATED RECEPTACLE FOR FOR COPY MACHINES.
6. TO LIGHT FIXTURE. SEE LIGHTING PLAN.
7. MOUNT GROUND BUS BAR ABOVE DOOR. SEE D1/E301.

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Power Plan
Second Floor

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E122

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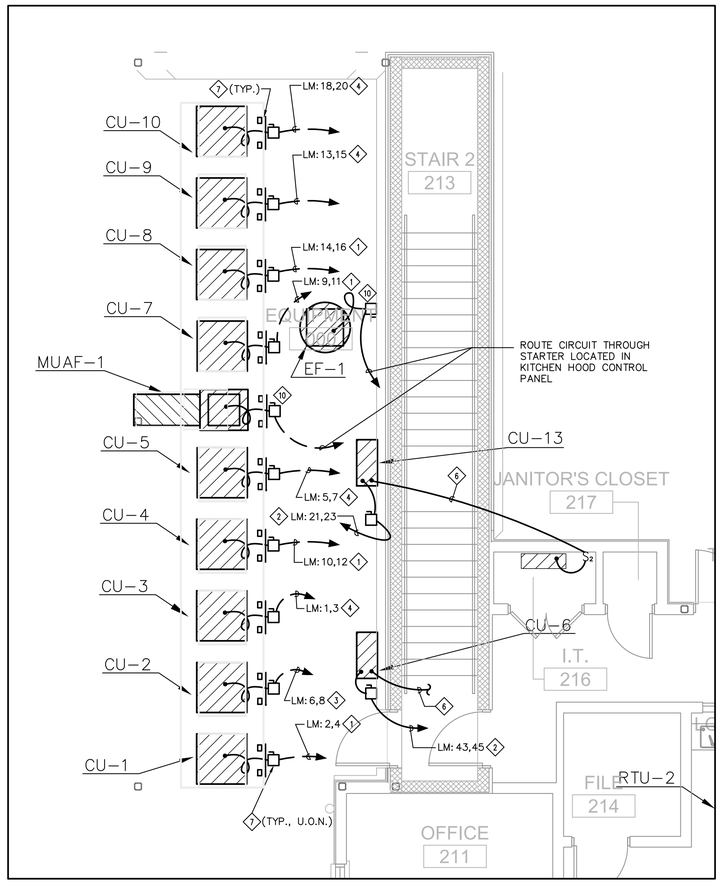
qnguyen



1 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

GENERAL NOTES

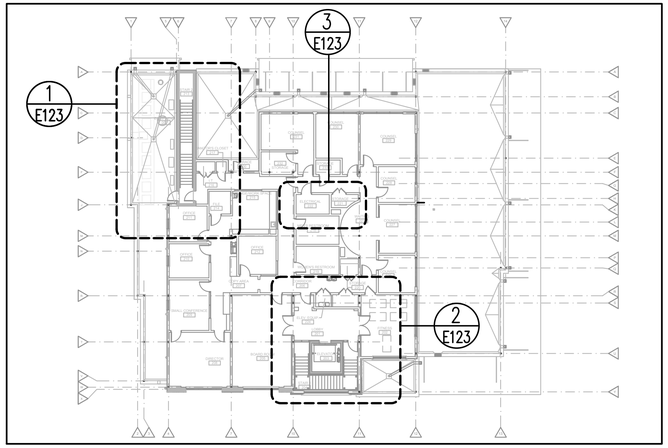
1 ALL BRANCH CIRCUIT ROUTED ON ROOF SHALL BE ROUTED AT LEAST 12" ABOVE THE ROOF. USE ONLY UL LISTED ROOF SUPPORTS SUCH AS COOPER B-LINE CE SERIES.

2 MAKE ALL REQUIRED ROOF PENETRATIONS THROUGH EQUIPMENT CURBS. COORINATED WITH MECHANICAL AND ROOF CONTRACTORS.

3 MAKE ALL FINAL CONNECTIONS TO EQUIPMENT WITH LFMC.

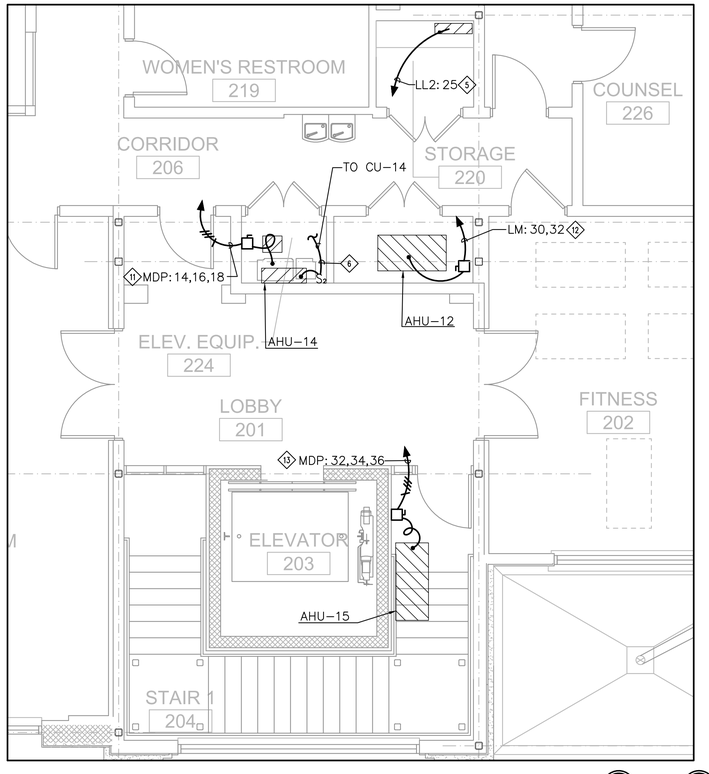
SPECIFIC NOTES

1. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
2. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #10, 1#10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
3. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 50 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
4. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 35 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
5. PROVIDE 120 VOLT POWER TO MECHANICAL CONTROL PANEL PROVIDED AND INSTALLED BY MECH CONTRACTOR.
6. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT TO INDOOR UNIT. OUTDOOR UNIT SUPPLIES POWER TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.
7. PROVIDE UNISTRUT MOUNTING STAND FOR DISCONNECT SWITCHES.
8. ROUTE 120 VOLT CIRCUIT THRU LINE VOLTAGE THERMOSTAT PROVIDED BY DIV 23.
9. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, FUSED DISCONNECT SWITCH AT WATER HEATER AND ROUTE 3#12, 1#12 IN 1" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
10. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT KITCHEN FANS (SUPPLY AND EXHAUST) AND ROUTE 3 #12, 1#12 GND IN 3/4" CONDUIT BACK TO STARTER IN KITCHEN HOOD CONTROL PANEL ON THE FIRST FLOOR. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
11. PROVIDE A 25 AMP, 3 POLE, SHUNT TRIP ENCLOSED C/B AT ELEVATOR CONTROLLER. COORDINATE SHUNT TRIPPING OF UNIT WITH FIRE ALARM SYSTEM. ROUTE 3#10, 1#10 GND IN 1" CONDUIT BACK TO 25 AMP, 3 POLE C/B IN DESIGNATED PANEL.
12. PROVIDE A 30 AMP, 3 POLE, 240 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 2#10, 1#10 IN 3/4" CONDUIT BACK TO 30 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
13. PROVIDE A 30 AMP, 3 POLE, 480 VOLT,FUSED DISCONNECT SWITCH AT AHU AND ROUTE 3#12, 1#12 IN 3/4" CONDUIT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.



4 KEY PLAN

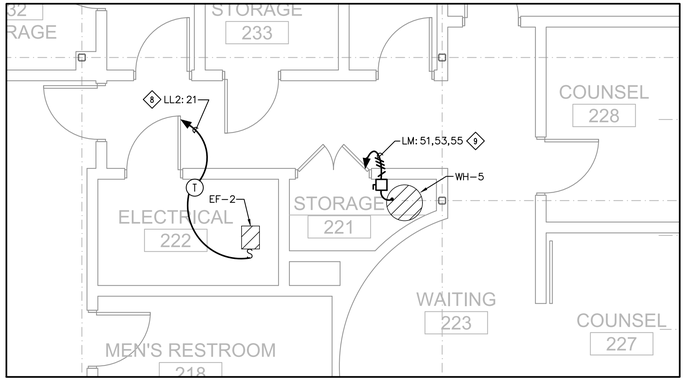
SCALE: NONE



2 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH



3 MECH. POWER ENLARGED PLAN - SECOND FLOOR

SCALE: 1/4"=1'-0"

TRUE NORTH PLAN NORTH

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STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
Richard E. Nichols
PROJECT ENGINEER

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Checked By	R.N.

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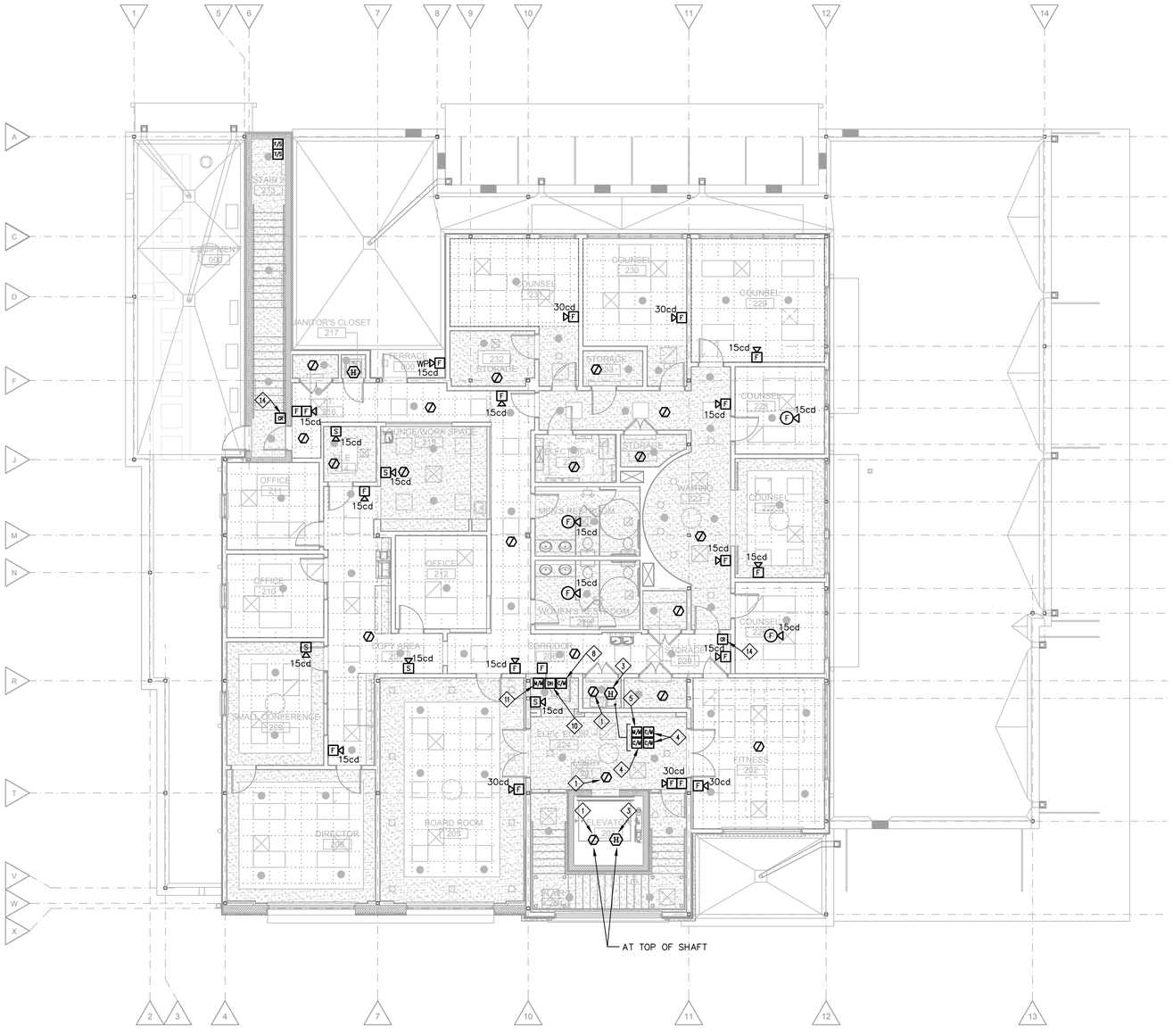
Title
Mech. Power Plan Second Floor

Sheet
E123

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E123_MECH PWR 2ND
qnguyen



GENERAL NOTES:

1. FIRE ALARM SYSTEM AND ASSOCIATED DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
2. FIRE ALARM SYSTEM CABLES SHALL BE LISTED FOR FIRE ALARM USE, SHALL HAVE A RED JACKET, AND SHALL BE INSTALLED IN RACEWAY.
3. PROVIDE DUCT-MOUNTED SMOKE SENSOR UPSTREAM OF EACH SMOKE DAMPER AND PROVIDE ADDRESSABLE CONTROL MODULE TO CLOSE DAMPER UPON SENSING SMOKE UPSTREAM. SENSOR AND CONTROL MODULE SHALL REMAIN ACCESSIBLE AFTER INSTALLATION. SEE MECHANICAL PLANS FOR QUANTITY AND LOCATIONS OF SMOKE DAMPERS.

SPECIFIC NOTES:

1. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR PRIMARY RECALL FUNCTIONS.
2. ADDRESSABLE SMOKE SENSOR SHALL INITIATE ELEVATOR ALTERNATE RECALL SEQUENCE.
3. ADDRESSABLE HEAT SENSOR SHALL INITIATE ELEVATOR SHUTDOWN SEQUENCE. LOCATE HEAT SENSOR(S) WITHIN 2-FEET OF EACH SPRINKLER HEAD IN THE SHAFT, PIT, OR MACHINE ROOM. COORDINATE QUANTITY OF REQUIRED SENSORS WITH SPRINKLER SYSTEM SHOP DRAWINGS.
4. PROVIDE ADDRESSABLE RELAYS FOR INITIATION OF ELEVATOR RECALL AND SHUTDOWN SEQUENCES.
5. PROVIDE ADDRESSABLE MONITOR MODULE AND POWER MONITORING RELAY TO MONITOR AVAILABLE CONTROL POWER FOR THE SHUNT TRIP COIL OF THE BREAKER THAT SERVES THE ELEVATOR EQUIPMENT IN ACCORDANCE WITH NFPA 72:6.16.4.4.
6. PROVIDE ADDRESSABLE SMOKE SENSOR WITH SOUNDER BASE IN DAY CARE ROOMS. SOUNDER BASE SHALL ACTIVATE ON LOCAL ALARM ONLY.
7. PROVIDE CLEAR, TAMPER-RESISTANT COVER WITH BATTERY OPERATED HORN OVER PULL STATION.
8. ADDRESSABLE CONTROL RELAY SHALL RELEASE DOOR HOLDER UPON SENSING SMOKE WITHIN 5' OF DOOR.
9. DETECTOR SHALL INITIATE DOOR RELEASE FOR ADJACENT DOORS HELD OPEN.
10. JAMB-MOUNTED DOOR HOLDER/CLOSER WITH INTEGRAL SMOKE DETECTOR. DOOR SHALL RELEASE UPON DETECTION OF SMOKE FROM INTEGRAL DETECTOR OR ADJACENT SYSTEM DETECTOR.
11. ADDRESSABLE MONITOR MODULE SHALL MONITOR SMOKE DETECTOR INTEGRAL TO DOOR HOLDER/CLOSER.
12. DETECTOR SHALL INITIATE WINDOW RELEASE/CLOSURE.
13. ADDRESSABLE CONTROL RELAY SHALL CLOSE WINDOW UPON SENSING SMOKE WITHIN 5' OF WINDOW.
14. PROVIDE ROUGH-INS FOR FUTURE CARD READER AND DOOR STRIKE/MAG LOCK. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
15. PROVIDE ROUGH-IN FOR FUTURE CCTV CAMERA. COORDINATE ROUGH-IN REQUIREMENTS WITH VENDOR AND ARCHITECT.
16. PROVIDE DEDICATED 120-VOLT, 20-AMP CIRCUIT FOR FACP AND DEDICATED TELEPHONE LINE.

1 SPECIAL SYSTEMS PLAN - SECOND FLOOR

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

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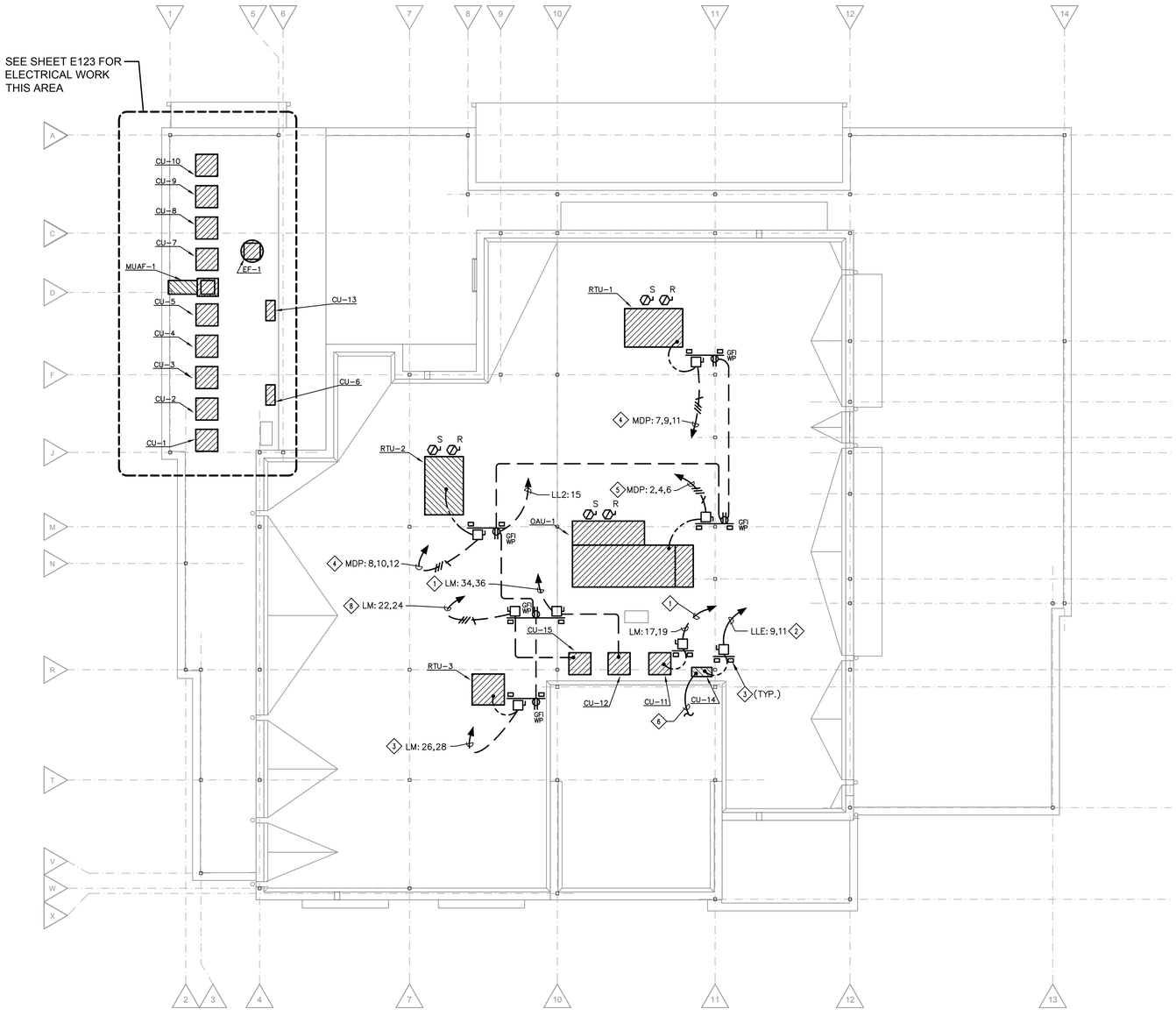
Special Systems Plan
Second Floor

Sheet
E124

SHEET SIZE 24"x 36"
M:\1800-SERIES\1862\1882-ELEC\1882-E124_SP SYS 2ND
qnguyen



1 ELECTRICAL ROOF PLAN

SCALE: 1/8"=1'-0"

TRUE NORTH PLAN NORTH

SPECIFIC NOTES:

1. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #12, 1#12 GND IN 3/4" CONDUIT BACK TO 20 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
2. PROVIDE A 30 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT CU AND ROUTE 2 #10, 1#10 GND IN 1" CONDUIT BACK TO 30 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
3. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 50 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.
4. PROVIDE A 60 AMP, 3 POLE, 480 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 3#6, 1#10 GND IN 1" CONDUIT BACK TO 60 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
5. PROVIDE A 100 AMP, 3 POLE, 480 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 3#4, 1#8 GND IN 1.25" CONDUIT BACK TO 80 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO STARTER AND THEN FROM STARTER TO UNIT.
6. ROUTE 2#12, 1#12 GND IN 1" CONDUIT FROM POWER TERMINAL OF OUTDOOR CONDENSING UNIT TO INDOOR UNIT. OUTDOOR UNIT SUPPLIES POWER TO INDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT VENDOR FOR ANY OTHER CONTROL CONDUCTORS THAT NEED TO BE ROUTED BETWEEN INDOOR AND OUTDOOR UNIT.
7. PROVIDE UNISTRUT MOUNTING STAND FOR DISCONNECT SWITCHES.
8. PROVIDE A 60 AMP, 3 POLE, 240 VOLT, NEMA 3R, FUSED DISCONNECT SWITCH AT RTU AND ROUTE 2 #8, 1#10 GND IN 1" CONDUIT BACK TO 35 AMP, 2 POLE, C/B IN DESIGNATED PANEL. FUSE DISCONNECT SWITCH AS RECOMMENDED BY MANUFACTURER AND MAKE CONNECTION TO UNIT.

GENERAL NOTES

1 ALL BRANCH CIRCUIT ROUTED ON ROOF SHALL BE ROUTED AT LEAST 12" ABOVE THE ROOF. USE ONLY UL LISTED ROOF SUPPORTS SUCH AS COOPER B-LINE CE SERIES.

2 MAKE ALL REQUIRED ROOF PENETRATIONS THROUGH EQUIPMENT CURBS. COORINATED WITH MECHANICAL AND ROOF CONTRACTORS.

3 MAKE ALL FINAL CONNECTIONS TO EQUIPMENT WITH LFMC.

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Checked By	R.N.

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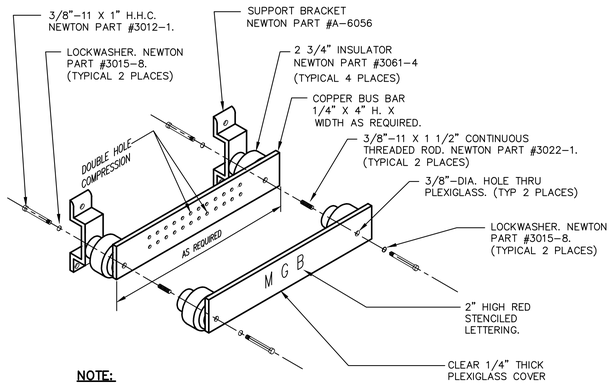
Electrical Roof Plan

Sheet
E131

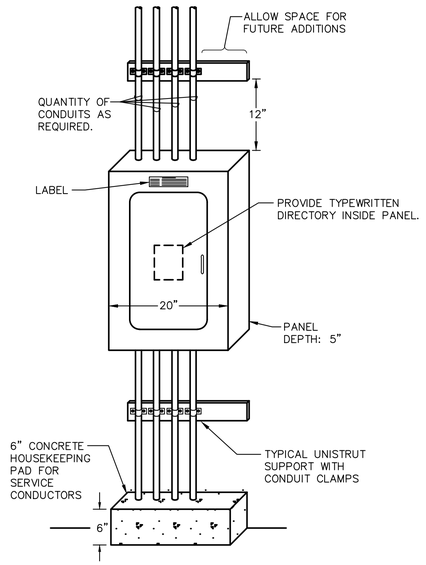
SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E131_ELEC ROOF
qnguyen



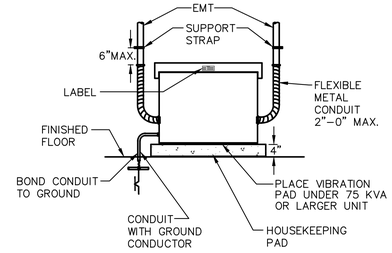
NOTE:

1. BUS BARS OVER 20" IN LENGTH REQUIRE A MINIMUM OF ONE ADDITIONAL 2 3/4" INSULATOR AND SUPPORT BRACKET.
2. PROVIDE PLASTIC LAMINATE LABEL FOR EACH GROUND CONDUCTOR. MOUNT LABEL ABOVE COMPRESSION ON GROUND BUS.

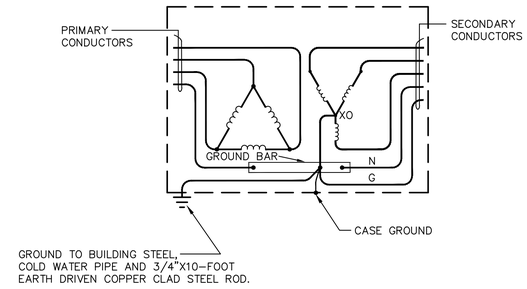
1 BUS BAR DETAIL
SCALE: NONE



2 PANEL INSTALLATION - SURFACE MOUNT
SCALE: NONE

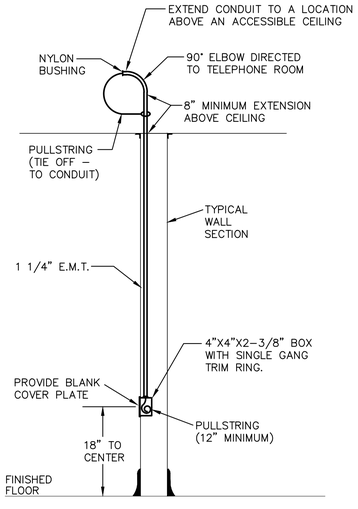


FLOOR MOUNT

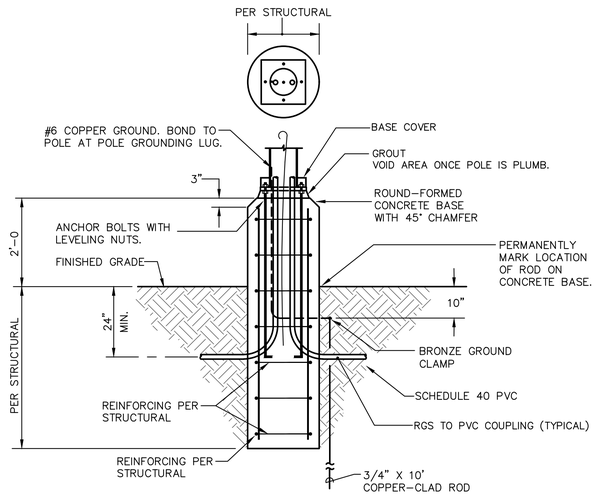


WIRING DIAGRAM

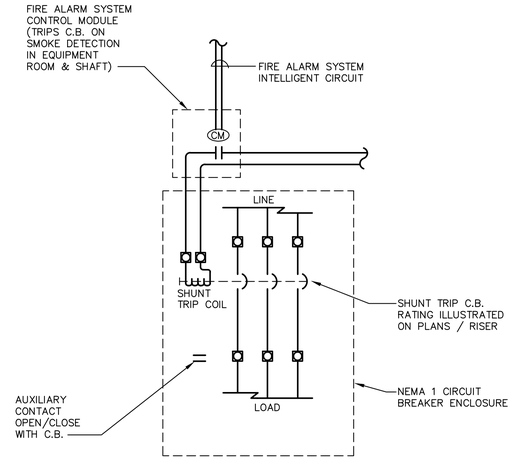
3 DRY TRANSFORMER INSTALLATION
SCALE: NONE



4 COMMUNICATION OUTLET
SCALE: NONE (STUD WALL INSTALLATION)



5 LIGHT POLE FOUNDATION
SCALE: NONE



6 ELEVATOR EQUIPMENT - ELECTRICAL
SCALE: NONE

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Electrical Details

Sheet
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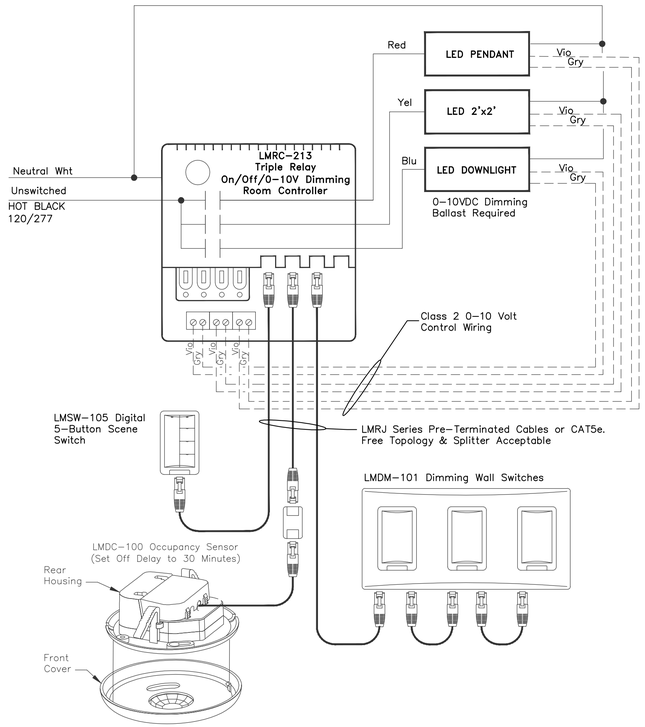
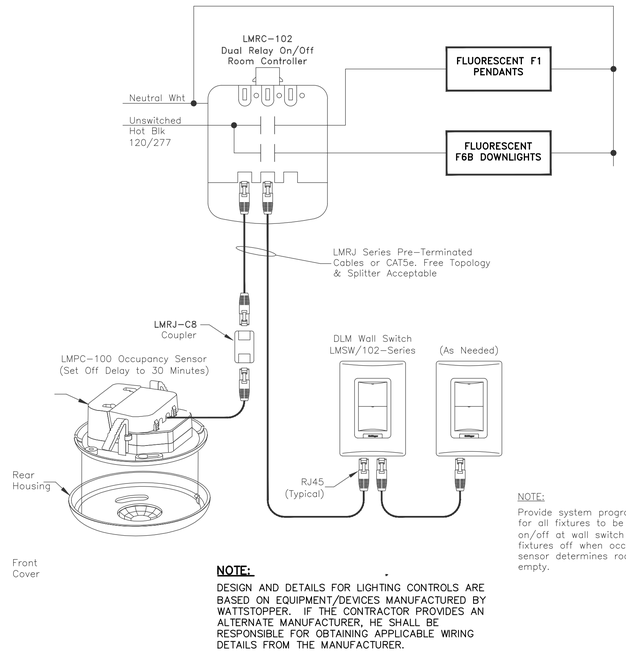
M:\1800-SERIES\1882\1882-ELEC\1882-E301_ELEC DETAILS
qnguyen



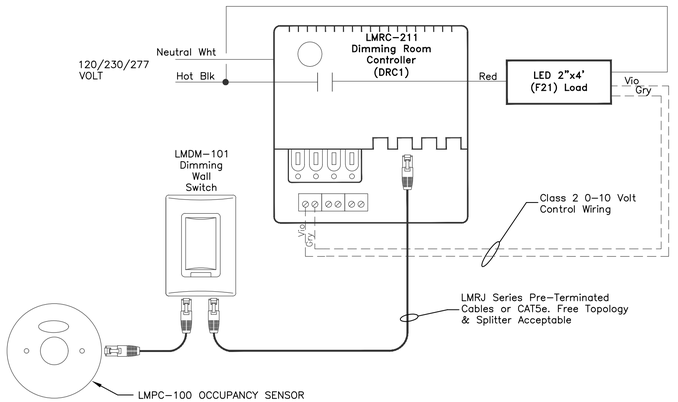
1 **LIGHTING CONTROL DETAIL**
SCALE: NOT TO SCALE — BOARDROOM 205



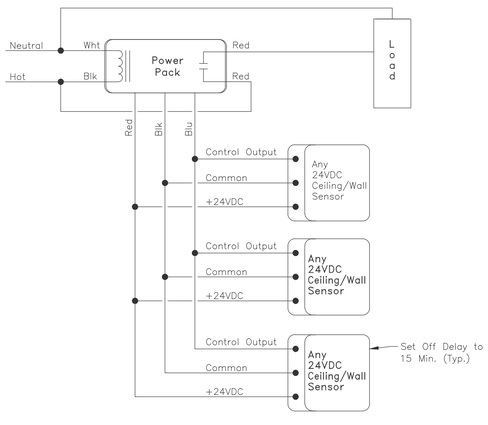
NOTE:
Provide system programming for all fixtures to be controlled on/off at wall switch and all fixtures off when occupancy sensor determines room is empty.

NOTE:
DESIGN AND DETAILS FOR LIGHTING CONTROLS ARE BASED ON EQUIPMENT/DEVICES MANUFACTURED BY WATTSTOPPER. IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

2 **LIGHTING CONTROL DETAIL**
SCALE: NONE — INFANTS 128



5 **LIGHTING CONTROL DETAIL**
SCALE: NOT TO SCALE — TRAINING CLASS 108,107



Multiple Occupancy Sensors
Using One Power Pack

NOTE:
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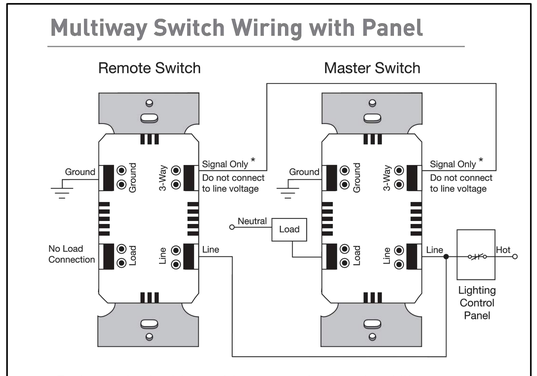
3 **LIGHTING CONTROL DETAIL**
SCALE: NONE — ROOM 139



Each switch wired for multiway operation has the ability to turn on, turn off or override a shutoff signal.

NOTE:
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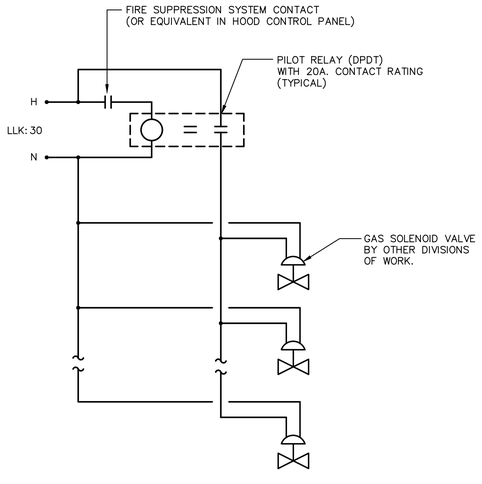
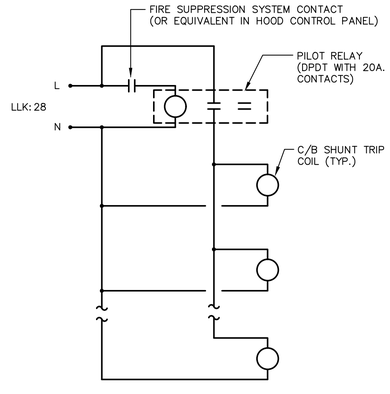
4 **LIGHTING CONTROL DETAIL**
SCALE: NONE — ROOM 110



6 **HOOD SHUTDOWN AND GAS SOLENOID VALVE CONNECTION DETAIL**
SCALE: NONE



7 **SHUNT TRIP CONNECTION DETAIL**
SCALE: NONE

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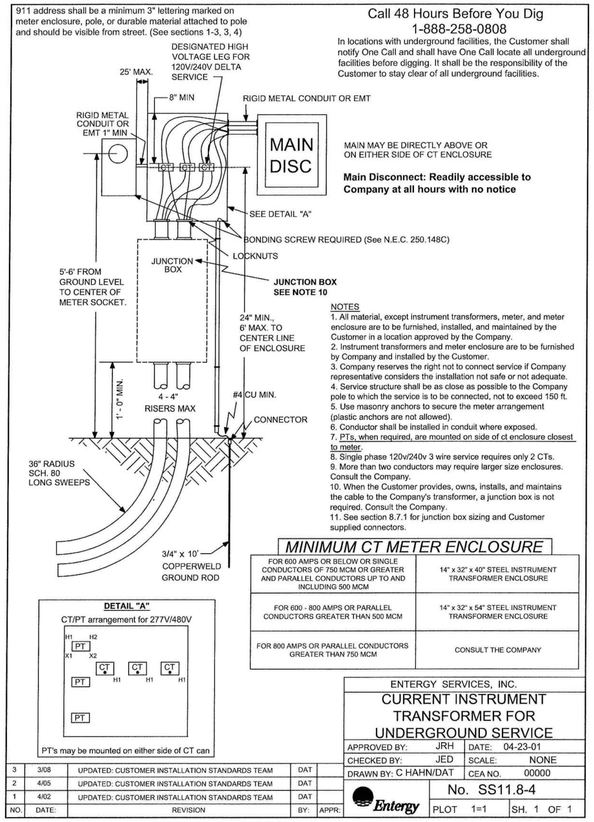
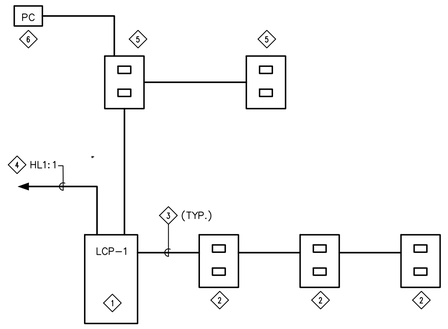
qnguyen



1 ELECTRIC SERVICE EQUIPMENT DETAIL
SCALE: NONE

SPECIFIC NOTES:

1. PROVIDE A LIGHTING CONTROL PANEL ILC APPRENTICE II MODEL APII-08 (WITH 8 SINGLE POLE NORMALLY OPEN RELAYS). LIGHTING CONTROL PANEL SHALL HAVE NAMEPLATE THAT READS "LCP-1".
2. PROVIDE A CLASSIC DATA LINE SWITCH TO CONTROL THE 1ST FLOOR CORRIDOR AND LOBBY. PROVIDE A TWO BUTTON SWITCH ILC LS-PB-C-2-LS- PL-P-SS-1. ONE BUTTON TO TURN ON ALL 1ST FL CORRIDOR CIRCUITS AND THE OTHER TO TURN THEM OFF.
3. ROUTE CAT 5 CABLE BETWEEN DEVICES/PANEL. CAT 5 CABLE SHALL BE ROUTED IN .5" CONDUIT IN EXPOSED AREAS. THE CABLE SHALL BE PLENUM RATED THRU AIR RETURN PLENUM SPACES.
4. PROVIDE 277 VOLT CONTROL POWER TO THE LIGHTING CONTROL PANEL FROM THE DESIGNATED LIGHTING CIRCUIT.
5. PROVIDE A CLASSIC DATA LINE SWITCH TO CONTROL THE 2ND FLOOR CORRIDOR AND LOBBY. PROVIDE A TWO BUTTON SWITCH ILC LS-PB-C-2-LS- PL-P-SS-1. ONE BUTTON TO TURN ON ALL 2ND FLOOR CORRIDOR CIRCUITS AND THE OTHER TO TURN THEM OFF.
6. PROVIDE PHOTO CONTROLS ILC MODEL LSPSC-OUT-REM.

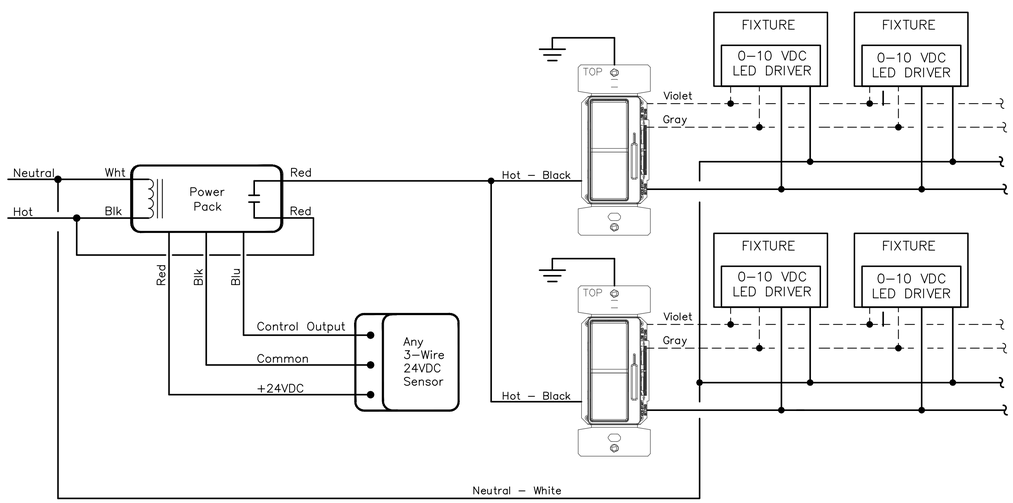


2 LIGHTING CONTROL WIRING DIAGRAM
SCALE: NONE

LIGHTING CONTROL PANEL (LCP-1) SCHEDULE

PANELBOARD CIRCUIT NUMBER	ROOM/AREA SERVED	RELAY (R) / DIMMER (D) SPACE NO.	# OF POLES	VOLTAGE	CONTROLS DESCRIPTION (SEE ITEM NO.)
HL1:3	SECOND FLOOR CORRIDOR	R1	1	277	2
HL1:5	FIRST FLOOR CORRIDOR	R2	1	277	2
HL1:7	FIRST FLOOR HALL 105, RECEPTION 102.	R3	1	277	2
HL1:6	EXT. POLE LIGHTS	R4	1	277	1
HL1:8	EXT WALL MOUNT -BLDG PERIMETER	R5	1	277	3
	SPARE	R6	1	277	
	SPARE	R7	1	277	
	SPARE	R8	1	277	

CONTROL DESCRIPTION:	
ITEM NO.	DESCRIPTION
NO.1	CONTROLLED BY PHOTOCONTROLS.
NO.2	CONTROLLED BY LOW VOLTAGE SWITCH IN SPACE, SWEEP OFF AFTER HOURS
NO. 3	CONTROLLED BY TIME CLOCK-TURN ON 30 MINUTES BEFORE DUSK AND TURN OFF 30 MINUTES AFTER DAWN.
NO.4	



3 STANDARD 3-WIRE 24VDC SENSOR AND 0-10V WALL BOX DIMMER SCHEMATIC
SCALE: NONE

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
CIVIL

©2013 IMC 1882 CONSULTING ENGINEERS INC.
2714 INDEPENDENCE STREET
METAIRIE, LOUISIANA 70006

BID DOCUMENTS

YWCA Facility of New Orleans
New Daycare, Education, and Counseling Building
601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
A PROFESSIONAL CORPORATION | 639 Julia Street | New Orleans, Louisiana 70130 | T (504) 523 2772 | F (504) 523 3081 | www.trapolinpeer.com

Owner
Young Women's Christian Association
601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Details

Sheet
E303

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E303_ELEC DETAILS
qnguyen

BID DOCUMENTS

PANEL NAME:			LL1	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			200	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			22	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			10.36	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	RECEP RM 140 (4)	20	1	1	720			720			2	1	20	RECEPT. RM 101, 127 (4)	2
3	RECEP RM 139 (3)	20	1	3		540			900		4	1	20	RECEPT. RM 128 (5)	4
5	RECEP RM 136 (5)	20	1	5			900			900	6	1	20	RECEPT. RM 128 (5)	6
7	RECPET. RM 107 (6)	20	1	7	1,080			540			8	1	20	RECEP - UTILITY 132 (3)	8
9	RECPET. RM 107 (6)	20	1	9		1,080					10	1	20	SPARE	10
11	RECPET. RM 107 (6)	20	1	11			1,080			1,260	12	1	20	RECPET. RM 108 (7)	12
13	RECEP RM 106 (6)	20	1	13	1,080			1,080			14	1	20	RECPET. RM 108 (6)	14
15	STACKED WASHER/DRYER	30	2	15		2,500			1,080		16	1	20	RECPET. RM 108 (6)	16
17				17			2,500			165	18	1	20	UNDER CABINET LIGHTS	18
19	STACKED WASHER/DRYER	30	2	19	2,500			1,500			20	1	20	RECEPT. SHREDDER	20
21				21		2,500			1,500		22	1	20	MILK COOLER	22
23	RECEPT. 130 (5)	20	1	23			900			720	24	1	20	EXTERIOR RECEPTACLES	24
25	RECEPT. 133 (4)	20	1	25	720						26	1	20	SPARE	26
27	RECEPT. 135	20	1	27		900				800	28	1	20	FACP	28
29	RECEPT. RM 115 (2)	20	1	29			1,500			1,080	30	1	20	RECEP - CORRIDOR 102, 126	30
31	RECEPT. RM 115 (2)	20	1	31	1,500			900			32	1	20	RECEP RM 123	32
33	RECEP - RM 125	20	1	33		720			720		34	1	20	RECEP RM 124	34
35	RECEP - RM 125	20	1	35			720			1,500	36	1	20	COPY MACHINE	36
37	RECEP - RM 121, 122	20	1	37	720						38	1	20	SPARE	38
39	RECEP - CORRIDOR 109, 114	20	1	39		1,260			800		40	1	20	DRINKING FOUNTAIN	40
41	OUTDOOR RECEPT (4)	20	1	41			720			800	42	1	20	DRINKING FOUNTAIN	42
					8320	9500	8320	4740	5800	6425					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	44225	1 LIGHTS	165	1.00	165
PHASE A LOADING (VA):	13460	2 RECEPT <= 10KVA	10000	1.00	10000
PHASE B LOADING (VA):	16020	RECEPT > 10KVA	32140	0.50	16070
PHASE C LOADING (VA):	14745	3 A/C	0	0.00	0
SUB-FEED LOADING (VA):	0	4 ELEC HEAT	0	1.00	0
TOTAL CALCULATED LOAD (VA):	27936	5	0	1.00	0
		6	0	1.00	0
TOTAL CONNECTED LOAD (A):	123	7	0	1.00	0
TOTAL CALCULATED LOAD (A):	78	8 misc	800	1.00	800
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

** PROVIDE SINGLE SECTION 54 CKT PANEL.

PANEL NAME:				NUMBER OF PHASES:			PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			200	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (AMPS):			22	FEED-THRU LUGS?		N	
				OTHER OPTIONS:		0	**SECTION 2**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
43	LTS-OUTDOOR STORAGE	20	1	43	400					44	1	20	SPARE	56
45	RECEPT(4) - OUTDOOR STORAGE	20	1	45		720				46	1	20	SPARE	58
47	SPARE	20	1	47						48	1	20	SPARE	60
49	PROVISION	20	1	49						50	1	20	PROVISION	62
51	PROVISION	20	1	51						52	1	20	PROVISION	64
53	PROVISION	20	1	53						54	1	20	PROVISION	66
					400	720	0	0	0	0				

		LOAD	DVRSTY	DMND
1 LIGHTS		400	1.00	400
2 RECEPT <= 10KVA		720	1.00	720
RECEPT > 10KVA		0	0.50	0
3		0	1.00	0
4		0	1.00	0
5 EXH FANS		0	1.00	0
6 PANEL LC1		0	1.00	0
7 WATER HEATERS		0	1.00	0
8 MISC		0	1.00	0
9		0	1.00	0
10		0	1.00	0

PANEL NAME:			LLK	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			100	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			5.51	OTHER OPTIONS:			**STAINLESS STEEL COVER SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	CONVECTION OVEN (E5.2)	20 (1)	1	1	744			1,200			2	1	20	HOOD LIGHTING/CONTROL PANEL (E12)	2
3	SPACE FOR SHUNT TRIP	-	-	3					264		4				4
5	CONVECTION OVEN (E5.2)	20 (1)	1	5		744				264	6	3	20	SUPPLY FAN - .5HP - (E12.2)	6
7	SPACE FOR SHUNT TRIP	-	-	7			264				8				8
9	RECEPT/WORKTOP FRIG. (E7)	20 (1)	1	9		660			264		10				10
11	SPACE FOR SHUNT TRIP	-	-	11						264	12	3	20	EXHAUST FAN - .5HP - (E12.1)	12
13	MICROWAVE (E10)	20	2	13	1,487			264			14				14
15				15		1,487			1,870		16				16
17	RECEPT. (6)	20	1	17			1,080			1,870	18	2	20	WARE WASHER (E18)	18
19	HEATED HOLDING CABINET (E20)	20	1	19	2,040			1,020			20	1	20	REFRIG. (E2)	20
21	HOT FOOD TABLE (E25)	20	1	21		1,500			1,200		22	1	20	WALK IN FREEZER BOX (E1)	22
23	FOOD PROCESSOR (E29)	20	1	23			840			915	24	2	20	WALK IN FREEZER COIL FAN (E-1A)	24
25	SPARE	20	1	25				915			26				26
27	SPARE	20	1	27					200		28	1	20	SHUNT TRIP POWER	28
29	SPARE	20	1	29						200	30	1	20	GAS SOLENOID VALVES	30
31	SPARE	20	1	31				1,200			32	1	20	EWH-1 (FAN AND CONTROL POWER)	32
33	SPARE	20	1	33					500		34	1	20	EF-3	34
35	SPARE	20	1	35						1,560	36	2	20	WALK IN FREEZER REMOTE CONDENSER	36
37	SPARE	20	1	37				1560			38			(E-1B)	38
39	PROVISION	20	1	39							40	1	20	PROVISION	40
41	PROVISION	20	1	41							42	1	20	PROVISION	42
					4271	3647	2864	6423	4298	5073					

			LOAD	DVRSTY	DEMAND
TOTAL CONNECTED LOAD (VA):	26376	1 LIGHTS	0	1.00	0
PHASE A LOADING (VA):	10694	2 RECEPT <= 10KVA	1080	1.00	1080
PHASE B LOADING (VA):	7945	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	7737	3 A/C	0	0.65	0
SUB-FEED LOADING (VA):	0	4 ELEC HEAT	0	0.65	0
TOTAL CALCULATED LOAD (VA):	24933	5 FANS	2084	1.00	2084
		6 KIT EQ	14642	0.65	9517.3
TOTAL CONNECTED LOAD (A):	73	7 REFRIG	7170	1.00	7170
TOTAL CALCULATED LOAD (A):	69	8 MISC	1400	0.65	910
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

(1) COORDINATE SHUNT TRIPPING OF C/B WITH HOOD SUPPRESSION AND FIRE ALARM SYSTEM.

PANEL NAME:			LL2	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			125	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			6.90	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	RM 202 FUTURE FITNESS EQUIPMENT	20	1	1	1,000			1,200			2	1	20	COPY MACHINE	2
3	RM 202 FUTURE FITNESS EQUIPMENT	20	1	3		1,000			360		4	1	20	RECEPT(2) - COPY AREA 207	4
5	FITNESS RM 202 -TV'S(3)	20	1	5			600			540	6	1	20	RECEPT. RM 215 (3)	6
7	RECEPT. RM 211 (4)	20	1	7	720			360			8	1	20	RECEPT. RM 215 (2)	8
9	RECEPT. RM 210, (5)	20	1	9		900			540		10	1	20	RECEPT. RM 207 (3)	10
11	RECEPT. RM 209 (6)	20	1	11			1,080			1,080	12	1	20	RECEPT. RM 205 (6)	12
13	RECEPT. RM 212, 208 (6)	20	1	13	1,080			1,440			14	1	20	RECPET. RM 205 (8)	14
15	ROOF RECEP	20	1	15		1,080			1,440		16	1	20	RECEPT. RM 228 (5)	16
17	RECEPT. RM 208 (5)	20	1	17			900			1,080	18	1	20	RECEPT RM 227 (6)	18
19	WATER COOLER	20	1	19	400			720			20	1	20	RECEPT RM 229 (4)	20
21	EF-2	20	1	21		400			900		22	1	20	RECEPT. RM 231 (5)	22
23	UNDER CABINET LIGHTING	20	1	23			90			900	24	1	20	RECEPT. RM 230 (5)	24
25	HVAC CONTROL PANEL	20	1	25	600			720			26	1	20	RECEPT. RM 229 (4)	26
27	RECEPT. RM 216 (2)	20	1	27		1,500					28	1	20	SPARE	28
29	RECEPT. RM 216 (2)	20	1	29			1,500				30	1	20	SPARE	30
31	RECEPT RM 222, 218, 219 (6)	20	1	31	1,080						32	1	20	SPARE	32
33	RECEPT RM 223, 201 (6)	20	1	33		1,080					34	1	20	SPARE	34
35	RECEPT. RM 206, 207, 214, 215, (5)	20	1	35			900				36	1	20	SPARE	36
37	SPARE	20	1	37							38	1	20	SPARE	38
39	RM 202 FUTURE FITNESS EQUIPMENT	20	1	39		1,000					40	1	20	SPARE	40
41	RM 202 FUTURE FITNESS EQUIPMENT	20	1	41			1,000				42	1	20	SPARE	42
					4880	6960	6070	4440	3240	3600					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	29190	1 LIGHTS	90	1.00	90
PHASE A LOADING (VA):	9320	2 RECEPT <= 10KVA	10000	1.00	10000
PHASE B LOADING (VA):	10200	RECEPT > 10KVA	18100	0.50	9050
PHASE C LOADING (VA):	9670	3	0	1.00	0
SUB-FEED LOADING (VA):	0	4	0	1.00	0
TOTAL CALCULATED LOAD (VA):	20163	5 EXH FANS	400	1.00	400
		6	0	1.00	0
TOTAL CONNECTED LOAD (A):	81	7	0	1.00	0
TOTAL CALCULATED LOAD (A):	56	8 MISC	600	1.00	600
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

PANEL NAME:			LM	NUMBER OF PHASES:		3	PROJECT NAME: YWCA FACILITY
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			400	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			22	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			12.45	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	CONDENSING UNIT CU-3	35	2	1	1,736			1,148			2	2	20	CONDENSING UNIT CU-1	2
3				3		1,736			1,148		4				4
5	CONDENSING UNIT CU-5	35	2	5			1,736			2,170	6	2	50	CONDENSING UNIT CU-2	6
7				7	1,736			2,170			8				8
9	CONDENSING UNIT CU-7	20	2	9		1,148			1,148		10	2	20	CONDENSING UNIT CU-4	10
11				11			1,148			1,148	12				12
13	CONDENSING UNIT CU-9	35	2	13	1,736			1,148			14	2	20	CONDENSING UNIT CU-8	14
15				15		1,736			1,148		16				16
17	CONDENSING UNIT CU-11	20	2	17			1,148			1,736	18	2	35	CONDENSING UNIT CU-10	18
19				19	1,148			1,736			20				20
21	AHU-13 / CU-13	30	2	21		1,367			1,736		22	2	35	CONDENSING UNIT CU-15	22
23				23			1,367			1,736	24				24
25				25	3,534			4,163			26				26
27	AHU-1 (10KW, 1/4 HP)	40	3	27		3,534			4,163		28	2	50	RTU-3(7.2 KW, 1/2 HP)	28
29				29			3,534			2,848	30				30
31				31	3,534			2,848			32	2	30	AHU-12 (5KW, 1/4 HP)	32
33	AHU-7 (10KW, 1/4 HP)	40	3	33		3,534			842		34				34
35				35			3,534			1,040	36	2	20	CU-12	36
37				37	3,534			4,302			38				38
39	AHU-11 (10KW, 1/4 HP)	40	3	39		3,534			4,302		40	2	60	AHU-4 (8KW, 1/4 HP)	40
41				41			3,534				42	1	20	SPARE	42
					16958	16589	16001	17515	14487	10678					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	121566	1 LIGHTS	0	1.00	0
PHASE A LOADING (VA):	46142	2 RECEPT <= 10KVA	0	1.00	0
PHASE B LOADING (VA):	38443	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	36981	3 A/C	37796	0.00	0
TOTAL CALCULATED LOAD (VA):	79270	4 ELEC HEAT	54432	1.00	54432
		5	0	1.00	0
		6	0	1.00	0
		7	0	1.00	0
TOTAL CONNECTED LOAD (A):	337	8	0	1.00	0
TOTAL CALCULATED LOAD (A):	229	9	0	0.65	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* PER 408.4(B) INDICATE WHERE PANEL IS POWERED FROM.

** PROVIDE SINGLE SECTION 72 CKT PANEL.

PANEL NAME:			LM	NUMBER OF PHASES:		0	PROJECT NAME:	YWCA FACILITY
VOLTAGE:			208Y/120	NEUTRAL BUS:		0		1882
BUS SIZE (AMPS):			400	GROUND BAR:		0	PROJECT NUMBER:	43479
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		0	DATE:	1/0/1900
AIC RATING:			22	FEED-THRU LUGS:		0		
EST. SSC AMPS AVAIL:			12.45	OTHER OPTIONS:		0		**SECTION 2**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
43	AHU-6 / CU-6	30	2	43	1,367			1,667			44				44
45				45		1,367			1,667		46	3	20	EWH-4	46
47	AHU-8 (8KW, 1/4 HP)	60	2	47			4,302			1,667	48				48
49				49	4,302			1,667			50				50
51				51		1,333			1,667		52	3	20	EWH-3	52
53	EWH-5	20	3	53			1,333			1,667	54				54
55				55	1,333			1,333			56				56
57	PROVISION	20	1	57					1,333		58	3	20	EWH-2	58
59	PROVISION	20	1	59						1,333	60				60
61	PROVISION	20	1	61							62	1	20	PROVISION	62
63	PROVISION	20	1	63							64	1	20	PROVISION	64
65	PROVISION	20	1	65							66	1	20	PROVISION	66
67	PROVISION	20	1	67							68	1	20	PROVISION	68
69	PROVISION	20	1	69							70	1	20	PROVISION	70
71	PROVISION	20	1	71							72	1	20	PROVISION	72
					7002	2700	5635	4667	4667	4667					

		LOAD	DVRSTY	DMND
1 LIGHTS		0	1.00	0
2 RECEPT <= 10KVA		0	1.00	0
RECEPT > 10KVA		0	0.50	0
3 A/C		2734	1.00	2734
4 ELEC HEAT		8604	1.00	8604
5		0	1.00	0
6		0	1.00	0
7 WATER HEATERS		18000	0.75	13500
8		0	1.00	0
9		0	1.00	0
10		0	1.00	0

PANEL NAME:			LE	NUMBER OF PHASES:		3	PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, NO
VOLTAGE:			208Y/120	NEUTRAL BUS?		Y	PROJECT NUMBER: 1882
BUS SIZE (AMPS):			60	GROUND BAR?		Y	DATE: 7/29/2019
MAIN CIRCUIT BREAKER SIZE:			MLO	MOUNTING:		SURFACE	
SHORT CIRCUIT CURRENT RATING (KAIC):			10	FEED-THRU LUGS?		N	
EST. AVAILABLE CHORT CIRCUIT (KAIC):			3.44	OTHER OPTIONS:			**SECTION 1**

ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	ELEVATOR CAB	20	1	1	1,000			50			2	1	20	SHUNT TRIP POWER	2
3	ELEVATOR PIT LTG / RECEP	20	1	3		200			1,127		4	1	20	PIT SUMP PUMP	4
5	MACH RM LTS/RECEP	20	1	5			240			0	6	1	20	SPARE	6
7	SPARE	20	1	7	0						8	1	20	PROVISION	8
9	ELEVATOR AHU/CU 14	30	2	9		1,367					10	1	20	PROVISION	10
11				11			1,367				12	1	20	PROVISION	12
					1000	1567	1607	50	1127	0					

			LOAD	DVRSTY	DMND
TOTAL CONNECTED LOAD (VA):	5351	1 LIGHTS	1440	1.00	1440
PHASE A LOADING (VA):	1050	2 RECEPT <= 10KVA	0	1.00	0
PHASE B LOADING (VA):	2694	RECEPT > 10KVA	0	0.50	0
PHASE C LOADING (VA):	1607	3 HVAC	2734	1.00	2734
TOTAL CALCULATED LOAD (VA):	6395	4 SUMP PUMP	0	1.00	0
		5	0	1.00	0
		6 CONT. LOAD	0	1.00	0
		7	0	1.00	0
TOTAL CALCULATED LOAD (A):	18	8 MISC	1177	1.00	1177
		9	0	1.00	0
		10	0	1.00	0

NOTES:

* PROVIDE FINAL TYPEWRITTEN DIRECTORY INSIDE PANEL.

* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* EACH CIRCUIT BREAKER SHALL BE EQUIPPED WITH PROVISIONS FOR LOCKING THE BREAKER IN THE OPEN POSITION.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
Reg. No. 25896
REGISTERED PROFESSIONAL ENGINEER
Richard E. Nichols
ELECTRICAL ENGINEER

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IMC 1882
CONSULTING ENGINEERS
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2714 INDEPENDENCE STREET
METAIRIE, LOUISIANA 70006

YWCA Facility of New Orleans

New Daycare, Education, and Counseling Building

601-605 S. Jefferson Davis Pkwy. and 600 S. Clark New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS
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Owner

Young Women's Christian Association

601 S. Jefferson Davis Pkwy.
New Orleans, LA 70119

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date

08/05/2021
(RE-ISSUE 7/12/2023)

Title

Electrical Schedules

Sheet

E401

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E401_ELEC SCHEDULES
qnguyen

PANEL NAME:				MDP		NUMBER OF PHASES:		3		PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.											
VOLTAGE:				480Y/277		NEUTRAL BUS?		Y		PROJECT NUMBER: 1882											
BUS SIZE (AMPS):				600		GROUND BAR?		Y		DATE: 7/29/2019											
MAIN CIRCUIT BREAKER SIZE:				MLO		MOUNTING:		SURFACE													
SHORT CIRCUIT CURRENT RATING (KAIC):				42		FEED-THRU LUGS?		N													
EST. AVAILABLE CHORT CIRCUIT (KAIC):				20.95		OTHER OPTIONS:				**SECTION 1**											
	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1				1	6,885			16,073			2				2
3	PANEL HL1	100	3	3		6,885			16,073		4	3	80	QA U-1 (40 KW, 5 HP FAN, 1 HP EXH FAN)	4
5				5			6,885			16,073	6				6
7				7	12,663			12,275			8				8
9	RTU-1(34KW, 3HP)	60	3	9		12,663			12,275		10	3	60	RTU-2(34KW, 2HP)	10
11				11			12,663			12,275	12				12
13				13	46,691			3,879			14				14
15	TRANSFORMER T-1	400	3	15		46,691			3,879		16	3	25	ELEVATOR (10 HP)	16
17				17			46,691			3,879	18				18
19				19	5,443			3,772			20				20
21	AHU-2(15 KW, 3/4 HP)	30	3	21		5,443			3,772		22	3	20	AHU-9 (10 KW, 3/4 HP)	22
23				23			5,443			3,772	24				24
25				25	3,772			3,772			26				26
27	AHU-3(10 KW, 3/4 HP)	20	3	27		3,772			3,772		28	3	20	AHU-10 (10 KW, 3/4 HP)	28
29				29			3,772			3,772	30				30
31				31	3,772			3,772			32				32
33	AHU-5(10 KW, 3/4 HP)	20	3	33		3,772			3,772		34	3	20	AHU-15 (10 KW, 3/4 HP)	34
35				35			3,772			3,772	36				36
37				37							38				38
39	PROVISION	200	3	39							40	3	100	PROVISION	40
41				41							42				42
					79225.3	79225.3	79225.3	43543	43543	43543					

		LOAD	DVRSTY	DMND
1	LIGHTS	18618	1.00	18618
2	RECEPT <= 10KVA	10000	1.00	10000
	RECEPT > 10KVA	62040	0.50	31020
3	A/C	43264	0.00	0
4	ELEC HEAT	255206	1.00	255206
5	EXH FANS	2484	1.00	2484
6	KIT EQ	14822	0.65	9634.3
7	WATER HEATER	18000	0.75	13500
8	MISC	7458	0.50	3729
9	ELEVATOR	11637	1.00	11637
10		0	1.00	0

TOTAL CONNECTED LOAD (VA):	368305
PHASE A LOADING (VA):	122768
PHASE B LOADING (VA):	122768
PHASE C LOADING (VA):	122768
TOTAL CALCULATED LOAD (VA):	360483
TOTAL CONNECTED LOAD (A):	533
TOTAL CALCULATED LOAD (A):	434

NOTES:

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* PROVIDE ENGRAVED PLASTIC LABEL WITH PANEL DESIGNATION ON PANEL COVER.

* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* PANEL SHALL BE DISTRIBUTION TYPE - SQUARE D ILINE OR EQUIVALENT.

* PROVIDE WITH INTEGRAL TVSS - MINIMUM 240 KA PER PHASE.

PANEL NAME:				HL1		NUMBER OF PHASES:		3		PROJECT NAME: YMCA - JEFFERSON DAVIS PKWY, N.O.											
VOLTAGE:				480Y/277		NEUTRAL BUS?		Y		PROJECT NUMBER: 1882											
BUS SIZE (AMPS):				100		GROUND BAR?		Y		DATE: 7/29/2019											
MAIN CIRCUIT BREAKER SIZE:				MLO		MOUNTING:		SURFACE													
SHORT CIRCUIT CURRENT RATING (KAIC):				25		FEED-THRU LUGS?		N													
EST. AVAILABLE CHORT CIRCUIT (KAIC):				14.21		OTHER OPTIONS:				**SECTION 1**											
	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1	LTS--2ND FLOOR	20	1	1	1,620				1,810		2	1	20	LIGHTING - 2ND FLOOR	2
3	LTS- 2ND FL CORRIDOR, LOBBY	20	1	3		1,845			2,815		4	1	20	LTS RMS- 126 THRU 135	4
5	LTS- RM 109, 114, 119,121,122	20	1	5			2,093			775	6	1	20	EXT WALL MOUNT -BLDG PERIMETER	6
7	LTS- RM 102, 105,106, 120,122,123,125	20	1	7	1,765			500			8	1	20	EXT. LIGHT POLES	8
9	LTS RMS 140, 139, 136	20	1	9		2,220			1,080		10	1	20	LTS TRAINING RMS 107 AND 108	10
11	PROVISION	20	1	11							12	1	20	SPARE	12
13	PROVISION	20	1	13							14	1	20	SPARE	14
15	PROVISION	20	1	15							16	1	20	PROVISION	16
17	PROVISION	20	1	17							18	1	20	PROVISION	18
19	PROVISION	20	1	19							20	1	20	PROVISION	20
21	PROVISION	20	1	21							22	1	20	PROVISION	22
23	PROVISION	20	1	23							24	1	20	PROVISION	24
25	PROVISION	20	1	25							26	1	20	PROVISION	26
27	PROVISION	20	1	27							28	1	20	PROVISION	28
29	PROVISION	20	1	29							30	1	20	PROVISION	30
31	PROVISION	20	1	31							32	1	20	PROVISION	32
33	PROVISION	20	1	33							34	1	20	PROVISION	34
35	PROVISION	20	1	35							36	1	20	PROVISION	36
37	PROVISION	20	1	37							38	1	20	PROVISION	38
39	PROVISION	20	1	39							40	1	20	PROVISION	40
41	PROVISION	20	1	41							42	1	20	PROVISION	42
					3385	4065	2093	2310	3895	775					

		LOAD	DVRSTY	DMND
1	LIGHTS	16523	1.00	16523
2	RECEPT <= 10KVA	0	1.00	0
	RECEPT > 10KVA	0	0.50	0
3		0	0.00	0
4	AHU	0	1.00	0
5		0	1.00	0
6		0	1.00	0
7		0	1.00	0
8		0	1.00	0
9		0	1.00	0
10		0	1.00	0

TOTAL CONNECTED LOAD (VA):	16523
PHASE A LOADING (VA):	5695
PHASE B LOADING (VA):	7960
PHASE C LOADING (VA):	2868
SUB-FEED LOADING (VA):	0
TOTAL CALCULATED LOAD (VA):	20654
TOTAL CONNECTED LOAD (A):	20
TOTAL CALCULATED LOAD (A):	25

NOTES:

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PANEL NAME:				LDP		NUMBER OF PHASES:		3		PROJECT NAME: YWCA FACILITY											
VOLTAGE:				208Y/120		NEUTRAL BUS?		Y		PROJECT NUMBER: 1882											
BUS SIZE (AMPS):				800		GROUND BAR?		Y		DATE: 7/29/2019											
MAIN CIRCUIT BREAKER SIZE:				800		MOUNTING		SURFACE													
SHORT CIRCUIT CURRENT RATING(KAIC):				22		FEED-THRU LUGS?		N													
AVAILABLE SHORT CIRCUIT CURRENT (KAIC)				12.98		OTHER OPTIONS				**SECTION 1**											
	ITEM	AMP RATING	# POLES	CKT #	LEFT LOADING A	B	C	RIGHT LOADING A	B	C	CKT #	# POLES	AMP RATING	ITEM	
1				1	9,312			6,721			2				2
3	PANEL LL1	200	3	3		9,312			6,721		4	3	125	PANEL LL2	4
5				5			9,312			6,721	6				6
7				7	7,060			2,132			8				8
9	PANEL LLK	100	3	9		7,060			2,132		10	3	50	PANEL LLE	10
11				11			7,060			2,132	12				12
13				13	26,423						14				14
15	PANEL LM	400	3	15		26,423					16	3	100	PROVISION	16
17				17			26,423				18				18
19				19							20				20
21	PROVISION	200	3	21							22	3	200	PROVISION	22
23				23							24				24
25				25							26				26
27	PROVISION	100	3	27							28	3	100	PROVISION	28
29				29							30				30
31				31							32				32
33	PROVISION	100	3	33							34	3	100	PROVISION	34
35				35							36				36
37				37							38				38
39	PROVISION	100	3	39							40	3	100	PROVISION	40
41				41							42				42
					42795	42795	42795	8852	8852	8852					

		LOAD	DVRSTY	DMND
1	LIGHTS	2,095	1.00	2095
2	RECEPT <= 10KVA	10,000	1.00	10000
	RECEPT > 10KVA	62,040	0.50	31020
3	A/C	43,264	0.00	0
4	ELEC HEAT	63,036	1.00	63036
5	EXH FANS	2,484	1.00	2484
6	KIT EQ	14,822	0.65	9634
7	WATER HEATER	18,000	0.75	13500
8	MISC	7,458	0.50	3729
9	REF EQ	4,050	1.00	4050
10		0	0.30	0

TOTAL CONNECTED LOAD (VA):	154943
PHASE A LOADING (VA):	51648
PHASE B LOADING (VA):	51648
PHASE C LOADING (VA):	51648
TOTAL CALCULATED LOAD (VA):	140072
TOTAL CONNECTED LOAD (A):	631
TOTAL CALCULATED LOAD (A):	389

NOTES

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* ALL PANELS SHALL HAVE GROUND BARS AND BE GROUNDED TO CASE.

* PANEL SHALL BE DISTRIBUTION TYPE - SQUARE D ILINE OR EQUIVALENT.

* PROVIDE WITH INTEGRAL TVSS - MINIMUM 120 KA PER PHASE.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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REGISTERED PROFESSIONAL ENGINEER

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BID DOCUMENTS

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New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
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Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Schedules

Sheet
E402

SHEET SIZE 24" x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E402_ELEC SCHEDULES
qnguyen

LIGHT FIXTURE SCHEDULE

F1 — 4-FOOT, LINEAR LED, PENDANT-MOUNTED, DIRECT/INDIRECT FIXTURE, 1 CIRCUIT, STANDARD CIRCUIT, UNIVERSAL VOLTAGE, 48" LONG, ADJUSTABLE CABLE; SEE PLAN FOR RUN LENGHTS, T BAR CEILING TYPE (VERIFY WITH ARCHITECT).INCLUDE BELEVED END CAPS. 3500K; MIN CRI = 80; 4000 MINIMUM INITIAL LUMENS (27.9 WATTS).

BASIS OF DESIGN: CORELITE I3-UL-40L835-1D-UNV-STD-W-EB-AC48-TX-4.

F2A — STATIC, RECESSED, 2-FOOT BY 2-FOOT LED VOLUMETRIC TROFFER; GRID OR FLANGE TYPE PER CEILING TYPE INSTALLED; CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, FROSTED ACRYLIC LENSES. ELECTRICAL: 2300 LUMENS (19.5 WATTS), CRI-80, 0-10 VOLT DIMMING DRIVER.

BASIS OF DESIGN: METALUX 22AC-LD5-23-UNV-L835-CD

F2AE — SAME AS F2A, 14 WATT EMERGENCY BATTERY PACK.

F2B — SAME AS F2A, BUT WITH 3800 LUMENS (34.3 WATTS).

F2C — NOT USED.

F2D — STATIC, RECESSED, 2-FOOT BY 4-FOOT LED VOLUMETRIC TROFFER; GRID OR FLANGE TYPE PER CEILING TYPE INSTALLED; CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, FROSTED ACRYLIC LENSES. ELECTRICAL: 4400 LUMENS (37.9 WATTS), CRI-80, 0-10 VOLT DIMMING DRIVER.

BASIS OF DESIGN: METALUX 24AC-LD5-44-UNV-L835-CD.

F3A — LED, 4-FOOT NOMINAL, LOW-PROFILE, UNDER CABINET FIXTURE; ELECTRICAL: 120-VOLT, 21 WATTS, 3500K; MIN CRI = 80; 1540 MINIMUM INITIAL LUMENS.

BASIS OF DESIGN: HALO HU11-48-D9-S-P

F3B — LED, 2-FOOT NOMINAL, LOW-PROFILE, UNDER CABINET FIXTURE; ELECTRICAL: 120-VOLT, 11 WATTS, 3500K; MIN CRI = 80; 785 MINIMUM INITIAL LUMENS.

BASIS OF DESIGN: HALO HU11-24-D9-S-P

F4A — 2'x4' RECESSED FLAT PANEL. 4712-LUMENS, 41.4 WATTS, 3500-K, AND 80 CRI.

BASIS OF DESIGN: METALUX CAT# 24FP4735C

F4AE — SAME AS F4A, BUT WITH 14-WATT EMERGENCY BATTERY.

F5 — LED 2X2 RECESSED FLAT PANEL, 3500K, 80+ CRI, 2610 LUMENS (20.1 WATTS), 120-277 UNIVERSAL VOLTAGE, 0-10V 10% DIMMING.

BASIS OF DESIGN METALUX # 22FP2535

F5E — SAME AS F5, EXCEPT INCLUDE 14W EMERGENCY BATTERY PACK.

F6A — LED 6" DOWNLIGHT, 2000 LUMENS, 21.1 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC620D010-HM6-12-835-61-WD-HWF

F6AE — SAME AS F6A, BUT WITH INTEGRAL 14 WATT EMERGENCY MODULE.

F6B — LED 6" DOWNLIGHT, 3000 LUMENS, 27.2 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHITE FLANGE, CLEAR SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC630D010-HM634835-61WDHWF

F6BE — SAME AS F6A, BUT WITH INTEGRAL 14 WATT EMERGENCY MODULE.

F6C — LED 6" DOWNLIGHT, 1000 LUMENS, 10.1 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC610D010-HM6-12-835-61-WD-HWF

F7A — LED DRUM PENDANT; 24-INCH DIAMETER; SINGLE STEM WITH AIRCRAFT CABLE, L5/835 LED LAMP (4400 LUMENS-47W), UNIVERSAL VOLTAGE 120-277, MATTE WHITE FINISH (VERIFY WITH ARCHITECT) 24"OAH, SHANTUNG WHITE FABRIC ON TRANSLUCENT WHITE

STYRENE TUCKED ON WHITE WELDED STEEL FRAME; EXPOSED HARDWARE WITH NATURAL ALUMINUM FINISH. AT 3500K.

BASIS OF DESIGN: SHAPER 142P SERIES

F7B — ARCHITECTURAL LOOP PENDANT 27-INCH DIAMTER; DIRECT/INDIRECT LIGHT DISTRIBUTION; WHITE ACRYLIC BOWL; 24-INCH SUSPENSION HEIGHT VIA SINGLE STEM WITH 3 AIRCRAFT CABLES; ALUMINUM CONSTRUCTION; COLOR AND FINISH PER ARCHITECT.ELECTRICAL: UNV (120-277) 0-10 VOLT DIMMING DRIVER. LAMPS: LED-9000 NOMINAL LUMENS (80W), 3500 K.

BASIS OF DESIGN: SHAPER 845 SERIES.

F8 — ARCHITECTURAL, DECORATIVE, ADA-COMPLIANT WALL SCONCE; CIRCULAR SHAPE WITH DIE CAST ALUMINUM HOUSING AND POLCARBONATE LENS; FINISH PER ARCHITECT.

ELECTRICAL: UNIVERSAL VOLTAGE ELECTRONIC BALLAST; INTEGRAL 800 LUMEN EMERGENCY BATTERY. LAMPS: 25W LED-2033 NOMINAL LUMENS, 3500 K.

BASIS OF DESIGN: LUMINAIRE APX13 SERIES.

F9A — LED WALL MOUNT, 2' LONG, 2400 LUMENS (23 W), FROSTED LENS, UNIVERSAL VOLTAGE (120-277) 1 DRIVER, 3500 K.

BASIS OF DESIGN METALUX CAT#2BCLED-LD4-24SL-F-UNV-L835-CD-1

F9B — LED WALL MOUNT, 4' LONG, 3200 LUMENS (32.5 W), FROSTED LENS, UNIVERSAL VOLTAGE (120-277) 1 DRIVER, 5000 K.

BASIS OF DESIGN METALUX CAT#4BCLED-LD4-32SL-F-UNV-L835-CD-1

F10 — 4-INCH, LED ADJUSTABLE GIMBALS; SELF-FLANGED; SPUN ALUMINUM REFLECTOR WITH CLEAR SPECULAR FINISH; DIE CAST ALUMINUM HOUSING; UNIVERSAL MOUNTING BRACKET; EXTRUDED ALUMINUM HEAT SINK; THERMAL PROTECTION. ELECTRICAL: UNIVERSAL VOLTAGE, 0-10 VOLT LED DIMMER / DRIVER. LAMPS: 880 LUMEN (14W) LED PACKAGE; 3500K; 90 CRI

BASIS OF DESIGN: HALO H4 SERIES

F11 — CONTINUOUS, RECESSED, LINEAR LED PERIMETER FIXTURE; LENGTH AS REQUIRED BY PLAN; CORROSION-RESISTANT, STEEL HOUSING; SEAMLESS REFLECTOR; SATIN FLUS DIFFUSER. ELECTRICAL: 610 LUMENS/FT (4.8W/FT),80 CRI, 3500K, 120/277 VOLT.

BASIS OF DESIGN: NEO-RAY MODEL S125DRP-S-610D-8-35-GYP-RUN LENGTH-1-U-DD-F-W

F12 — 4' LED WALL MOUNTED FIXTURE, 2800 LUMENS (25.6 WATTS), FULL FROST LENS WIDE, UNIVERSAL VOLTAGE (120-277), 3500 K, 0-10 VOLT DIMMING DRIVER, INTERGRATED OCCUPANCY SENSOR. INCLUDE 14 WATT EMERGENCY BATTERY PACK. PROGRAM OCCUPANCY SENSOR TO DIM FIXTURE TO 10% LIGHT LEVELS WHEN DETECTING NO OCCUPANCY IN AREA.

BASIS OF DESIGN: METALUX 4SWLED-LD4 SERIES

F13 — ARCHITECTURAL EXTERIOR, LED, VANDAL-RESISTANT WALL SCONCE; WET LOCATION LISTED; ADA-COMPLIANT; ALUMINUM HOUSING; FINISH PER ARCHITECT; ACCENTS PER ARCHITECT; WHITE OPAL, UV-STABILIZED, POLYCARBONATE DIFFUSER. ELECTRICAL: INTEGRAL 277-VOLT ELECTRONIC BALLAST; INTEGRAL 1000 LUMEN EMERGENCY BATTERY; LAMPS: 15W LED-1339 NOMINAL LUMENS, 3500K.

BASIS OF DESIGN: LUMINAIRE SPC8 24" SERIES.

F13E — SAME AS F13 EXCEPT INCLUDE INTEGRAL 1000 LUMEN EMERGENCY BATTERY.

F14 — ARCHITECTURAL EXTERIOR LED WALL SCONCE, WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; COLOR PER ARCHITECT; 1000 MA DRIVE CURRENT, UNIVERSAL VOLTAGE 120-277, TYPE 4 DISTRIBUTION ELECTRICAL: INTEGRAL, ELECTRONIC LED DRIVER, ONE 21 LED LIGHT BARS, 21-WATTS; 277-VOLTS. LED LAMPS: (1) 21 LIGHT BARS- 2613 NOMINAL LUMENS.

BASIS OF DESIGN: INVUE ENC SERIES.

F15 — EXTERIOR LED WALL SCONCE, WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; COLOR PER ARCHITECT; 1000 MA DRIVE CURRENT, UNIVERSAL VOLTAGE 120-277, TYPE 2 DISTRIBUTION. ELECTRICAL: INTEGRAL, ELECTRONIC LED DRIVER; INTEGRAL

SURGE PROTECTION; 55-WATTS; 277-VOLTS. LAMPS: (1) LIGHT SQUARE- 5663 NOMINAL LUMENS.

BASIS OF DESIGN: MCGRAW EDISON ISC SERIES.

F15A — SAME AS F15, BUT INCLUDE PHOTOCONTROLS.

F16 — LED 6" DOWNLIGHT, 1500 LUMENS, 15.2 WATTS, 120/277 UNIVERSAL VOLTAGE, 0-10 VOLT DIMMING 1%-100%, 80 CRI, 3500K, WIDE DISTRIBUTION, WHIT FLANGE, SEMI-SPECULAR FINISH.

BASIS OF DESIGN HALO COMMERCIAL # HC615D010-HM6-12-835-61-WD-HWF

F16E — SAME AS F16 INCLUDE 14-WATT INTEGRAL EMERGENCY BATTERY BACK-UP.

F16A — NOT USED.

F17 — SURFACE MOUNTED LED, 80 CRI, 3500K, 1200 LUMENS (14.8W), WHITE FINISH.

BASIS OF DESIGN: HALO SLD12 SERIES

F17A — LED CANOPY FIXTURE, SURFACE-MOUNT, ONE PIECE DIE-CAST ALUMINUM HOUSING, 4000 LUMENS (40 WATTS), UNIVERSAL VOLTAGE (120-277 V) WIDE DISTRIBUTION, VERIFY COLOR WITH ARCHITECT BEFORE ORDERING.

BASIS OF DESIGN: MCGRAW EDISON TT SERIES.

F17AE — SAME AS F17A EXCEPT INCLUDE INTEGRAL EMERGENCY BATTERY PACK.

BASIS OF DESIGN: MCGRAW EDISON TT SERIES.

F18 — LED STRIP, 2.4"H x 2.4"W x 4'L. 4695-LUMENS, 41-WATTS, 3500-K, AND 80-CRI.

BASIS OF DESIGN METALUX CAT# 4SLSTP4035DD-UNV

F19 — LED STRIP, 2'L. 2498-LUMENS, 23-WATTS, 3500-K, AND 80-CRI-UNVIVERSAL VOLTAGE.

BASIS OF DESIGN: METALUX CAT# 2SLSTP2035DD-UNV

F20A — 2'x4' RECESSED FLAT PANEL. 3553-LUMENS, 2903 WATTS, 3500-K, AND 80 CRI. INCLUDE DRY WALL FRAMING KIT WHERE THERE IS A GYPSUM CEILING.

BASIS OF DESIGN: METALUX CAT# 24FP3135C

F20AE — SAME AS F20A, BUT WITH 14-WATT EMERGENCY BATTERY.

F20B — 2'x4' RECESSED FLAT PANEL. 4712-LUMENS, 41.4 WATTS, 3500-K, AND 80 CRI. INCLUDE DRY WALL FRAMING KIT WHERE THERE IS A GYPSUM CEILING.

BASIS OF DESIGN: METALUX CAT# 24FP4735C

F21 — STATIC, RECESSED, 2'X4' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 6300 LUMENS (57.8 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 24AC LD5 SERIES

F22 — STATIC, RECESSED, 2'X2' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 4400 LUMENS (42.3 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 22AC LD5 SERIES

F22A — STATIC, RECESSED, 2'X2' LED VOLUMETRIC TROFFER; GRID CORROSION-RESISTANT, 22-GAUGE DIE-FORMED, COLD ROLLED STEEL HOUSING PAINTED WHITE AFTER FABRICATION; HIGH-EFFICIENCY, 3800 LUMENS (34.3 WATTS) FROSTED ACRYLIC LENSES. 0-10 VOLT 1% DIMMING DRIVER, UNIVERSAL VOLTAGE, 3500 COLOR TEMPERATURE.

BASIS OF DESIGN: METALUX 22AC LD5 SERIES

P1 — FIXTURE: LED POLE-MOUNTED AREA LIGHT FIXTURE; DARK SKY COMPLIANT; WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; CAST ALUMINUM DOOR FRAME; STAINLESS STEEL LATCHES AND HINGES; SILICONE GASKET BETWEEN DOOR FRAME AND HOUSING; (6) 21 LED LIGHTBARS- 19,083 LUMENS (149 W), UNIVERSAL VOLTAGE 120-277, TYPE V SQUARE EXTRA WIDE DISTRIBUTION; ARM-MOUNTED PER PLANS; FINISH PER ARCHITECT.

BASIS OF DESIGN: MCGRAW-EDISON TLM TALON MEDIUM LED SERIES.

POLE: 25-FOOT, ROUND, TAPERED ALUMINUM POLE; 130 MPH WIND RATING PER AASHTO; 4-HOLE CAST ALUMINUM SHOE BASE; FURNISH WITH HAND HOLE AND GROUND LUG; FINISH TO MATCH FIXTURE.

P2 — FIXTURE: LED POLE-MOUNTED AREA LIGHT FIXTURE; DARK SKY COMPLIANT; WET LOCATION LISTED; DIE CAST ALUMINUM HOUSING; CAST ALUMINUM DOOR FRAME; STAINLESS STEEL LATCHES AND HINGES; SILICONE GASKET BETWEEN DOOR FRAME AND HOUSING; (4) 21 LED LIGHTBARS- 11,816 LUMENS (97 W), UNIVERSAL VOLTAGE 120-277, TYPE IV WITH SPILL LIGHT CONTROL; ARM-MOUNTED PER PLANS; FINISH PER ARCHITECT.

BASIS OF DESIGN: MCGRAW-EDISON TLM TALON MEDIUM LED SERIES.

POLE: 25-FOOT, ROUND, TAPERED ALUMINUM POLE;130 MPH WIND RATING PER AASHTO; 4-HOLE CAST ALUMINUM SHOE BASE; FURNISH WITH HAND HOLE AND GROUND LUG; FINISH TO MATCH FIXTURE.

EX — RED LED EXIT SIGN; WHITE, THERMOPLASTIC HOUSING; UNIVERSAL MOUNTING; FIELD CONFIGURABLE CHEVRONS; SINGLE OR DUAL FACE AS INDICATED; NICAD BATTERY; SELF DIAGNOSTICS; DUAL 120/277-VOLT.

BASIS OF DESIGN: SURE-LITES LPX SERIES.

EX1 — EDGE LIT LED EXIT SIGN, ANODIZED ALUMINUM HOUSING, SINGLE OR DOUBLE FACE, RED LETTER, 120/277 DUAL VOLTAGE, MAINTENANCE-FREE NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES EUR SERIES

EM — LED EMERGENCY FIXTURE, 120/277 VOLT INPUT, HIGH IMPACT THERMOPLASTIC HOUSING, SEALED NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES SEL17 SERIES

EM1 — LED EMERGENCY FIXTURE, 120/277 VOLT INPUT, HIGH IMPACT THERMOPLASTIC HOUSING, SEALED NICKEL CADMIUM BATTERY.

BASIS OF DESIGN: SURE-LITES SEL50 SERIES

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
Richard E. Nichols
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BID DOCUMENTS

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New Orleans, LA 70119
T (area code) number

Contractor
CONTRACTOR NAME
Address 1
Address 2
T (area code) number

Revisions

Interoffice Data

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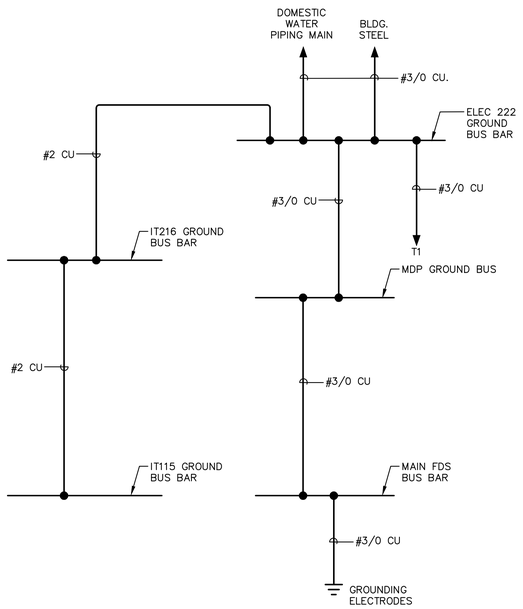
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical Fixture Schedule

Sheet
E403

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E403_ELEC FIXTURE SCHED.
qnguyen



1 GROUNDING SYSTEM RISER
SCALE: NONE

FEEDER SCHEDULE
(TYPICAL SCHEDULE – NOT ALL LABELS ARE NECESSARILY USED.)

LABEL	NO.	SIZE	GND.	CONDUIT
A	3	#12	#12	1/2"
A1	4	#12	#12	1/2"
B	3	#10	#10	3/4"
B1	4	#10	#10	3/4"
C	3	#8	#10	1"
C1	4	#8	#10	1"
D	3	#6	#8	1"
D1	4	#6	#8	1"
E	3	#4	#8	1 1/4"
E1	4	#4	#8	1 1/4"
F	3	#3	#8	1 1/4"
F1	4	#3	#8	1 1/4"
G	3	#2	#6	1 1/4"
G1	4	#2	#6	1 1/4"
H	3	#1	#6	1 1/2"
H1	4	#1	#6	1 1/2"
I	3	#1/0	#6	1 1/2"
I1	4	#1/0	#6	1 1/2"
J	3	#2/0	#6	2"
J1	4	#2/0	#6	2"
K	3	#3/0	#6	2"
K1	4	#3/0	#6	2"
L	3	#4/0	#4	2"

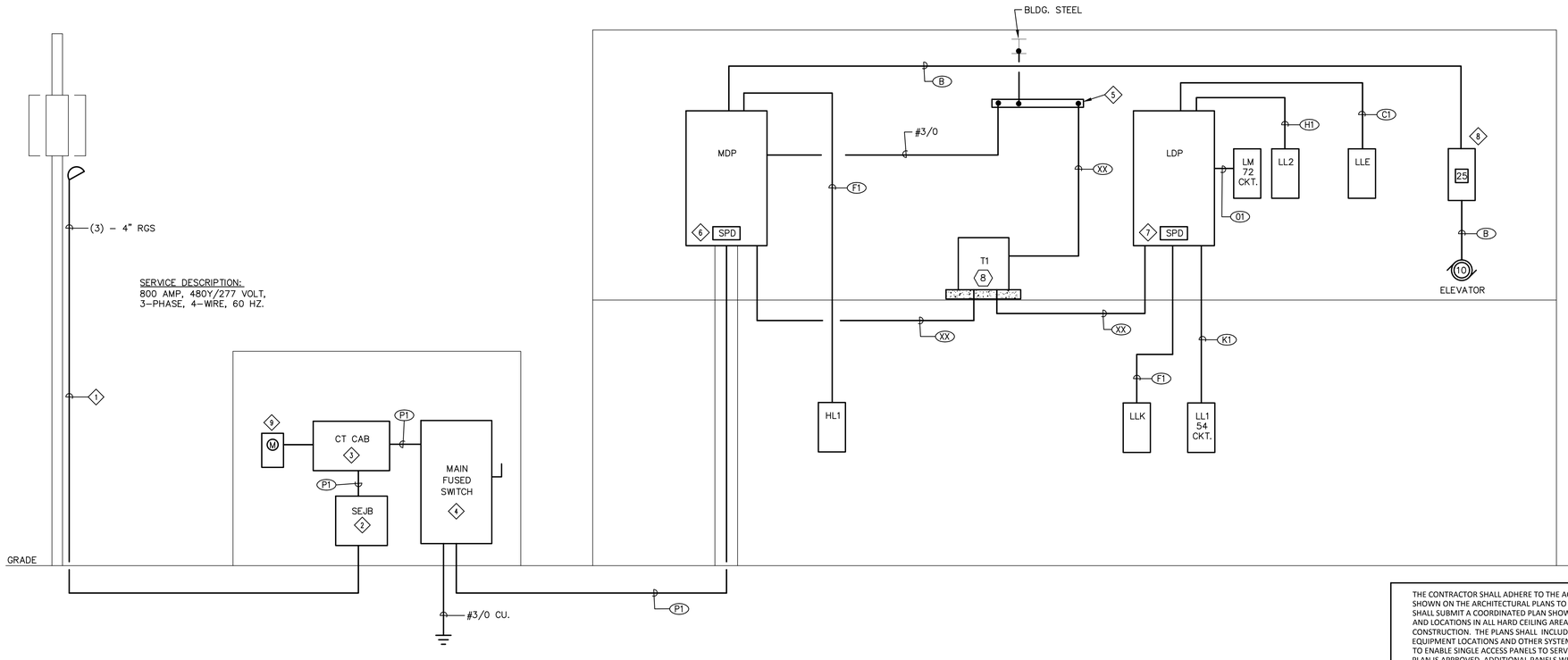
FEEDER SCHEDULE
(TYPICAL SCHEDULE – NOT ALL LABELS ARE NECESSARILY USED.)

LABEL	NO.	SIZE	GND.	CONDUIT
L1	4	#4/0	#4	2 1/2"
M	3	#250 MCM	#4	2 1/2"
M1	4	#250 MCM	#4	2 1/2"
N	3	#350 MCM	#3	3"
N1	4	#350 MCM	#3	3"
O	3	#600 MCM	#3	4"
O1	(2) 4	#3/0	#3	2"(2 SETS)
P	(2)3	#350 MCM	#1	3"(2 SETS)
P1	(2)4	#350 MCM	#1	3"(2 SETS)
R	(2)3	#500 MCM	#1/0	4"(2 SETS)
R1	(2)4	#500 MCM	#1/0	4"(2 SETS)
S	(3)3	#350 MCM	#2/0	3"(3 SETS)
S1	(3)4	#350 MCM	#2/0	3"(3 SETS)
T	(3)3	#500 MCM	#3/0	4"(3 SETS)
T1	(3)4	#500 MCM	#3/0	4"(3 SETS)
U	(2)3	#600 MCM	#3/0	4"(2 SETS)
U1	(2)4	#600 MCM	#3/0	4"(2 SETS)
V	(3)3	#600 MCM	#4/0	4"(3 SETS)
V1	(3)4	#600 MCM	#4/0	4"(3 SETS)
W1	(4)4	#600 MCM	#4/0	4"(4 SETS)
Y1	(5)4	#600 MCM	250 MCM	4"(5 SETS)
XX	SEE DRY TRANSFORMER SCHEDULE			

DRY TRANSFORMER SCHEDULE – 480Δ: 208Y/120 VOLT

	PRIMARY SIDE 480 VOLTS Δ				SECONDARY SIDE 208/120 VOLTS WYE			SERVICE GROUND CONDUCTOR (NOTE#1)
ITEM	KVA	FULL LOAD	C.B. (150%MIN.)	WIRING THWN/THHN	FULL LOAD	C.B. (125% MAX.)	WIRING THWN/THHN	GREEN THHN IN 3/4"c.
1	9	10.8	20A.	3–#12, #12 GRD., 3/4"C.	25	30A.	4–#10, #10 GRD., 3/4"C.	#8
2	15	18.0	30A.	3–#10, #10 GRD., 3/4"C.	41.7	50A.	4–#8, #8 GRD., 1"C.	#8
3	30	36.1	60A.	3–#6, #10 GRD., 1"C.	83.3	100A.	4–#3, #8 GRD., 1–1/4"C.	#6
4	45	54.2	100A.	3–#3, #8 GRD., 1–1/4"C.	125.0	150A.	4–#1/0, #6 GRD., 2"C.	#6
5	75	90.4	150A.	3–#1/0, #6 GRD., 1–1/2"C.	208.4	250A.	4–#250, #2 GRD., 2–1/2"C.	#2
6	112.5	135.5	200A.	3–#3/0, #6 GRD., 2"C.	312.5	400A.	4–#600 MCM, #1/0 GRD., 4"C.	#1/0
7	150	180.7	300A.	3–#300 MCM, #4 GRD., 3"C.	416.7	600A.	(2) 4–#350 MCM, #2/0 GRD., 2–3"C.	#2/0
8	225	271.1	400A.	3–#500 MCM, #3 GRD., 3–1/2"C.	625.0	800A.	(2) 4–#600 MCM, #3/0 GRD., 4"C.	#3/0

NOTES: 1. TRANSFORMER "Xo" SHALL BE BONDED WITH SECONDARY NEUTRAL CONDUCTOR, AND FEEDER GROUND CONDUCTOR TO: a) BUILDING STEEL, b) COLD WATER PIPE, AND c) 5/8"X10'–0" COPPER CLAD GROUND ROD ON BUILDING MAIN SERVICE ENTRANCE GROUND.



SPECIFIC NOTES

1. ROUTE 3–4" CONDUITS FROM JUNCTION BOX TO ENTERGY POLE. ROUTE UP POLE PER ENTERGY STANDARDS.
2. PROVIDE A 36" X 36" X 12" DEEP, NEMA 3R JUNCTION BOX FOR ENTERGY TO TERMINATE THEIR INCOMING CABLES. VERIFY EXACT JUNCTION BOX SIZE AND REQUIREMENTS WITH ENTERGY BEFORE ORDERING.
3. PROVIDE A 54" X 36" X 14" DEEP, NEMA 3R JUNCTION BOX FOR ENTERGY TO FOR ENTERGY CURRENT TRANSFORMERS. VERIFY EXACT JUNCTION BOX SIZE AND REQUIREMENTS WITH ENTERGY BEFORE ORDERING.
4. PROVIDE A 600 AMP, 3 POLE, NEMA 3R, 600 VOLT FUSED DISCONNECT SWITCH TO SERVE AS THE BUILDING MAIN DISCONNECT. INCLUDE A NEUTRAL ASSEMBLY AND GROUND BUS KIT.
5. SEE GROUND BUS BAR DETAIL ON SHEET E301 FOR MORE INFORMATION.
6. PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE PANELBOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 240 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
7. PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE PANELBOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 120 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
8. PROVIDE A 25 AMP, 3 POLE, SHUNT TRIP ENCLOSED C/B AT ELEVATOR. COORDINATE SHUNT TRIPPING OF UNIT WITH FIRE ALARM SYSTEM.
9. PROVIDE METER PAN FOR MAIN SERVICE PER ENTERGY STANDARDS.

THE CONTRACTOR SHALL ADHERE TO THE ACCESS PANEL LOCATIONS SHOWN ON THE ARCHITECTURAL PLANS TO THE EXTENT POSSIBLE AND SHALL SUBMIT A COORDINATED PLAN SHOWING ACCESS PANEL SIZES AND LOCATIONS IN ALL HARD CEILING AREAS PRIOR TO CONSTRUCTION. THE PLANS SHALL INCLUDE COORDINATED EQUIPMENT LOCATIONS AND OTHER SYSTEM ACCESS REQUIREMENTS TO ENABLE SINGLE ACCESS PANELS TO SERVE MULTIPLE TRADES. ONCE PLAN IS APPROVED, ADDITIONAL PANELS WILL NOT BE ACCEPTABLE WITHOUT ARCHITECT APPROVAL.

STATE OF LOUISIANA
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BID DOCUMENTS

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Revisions

Interoffice Data

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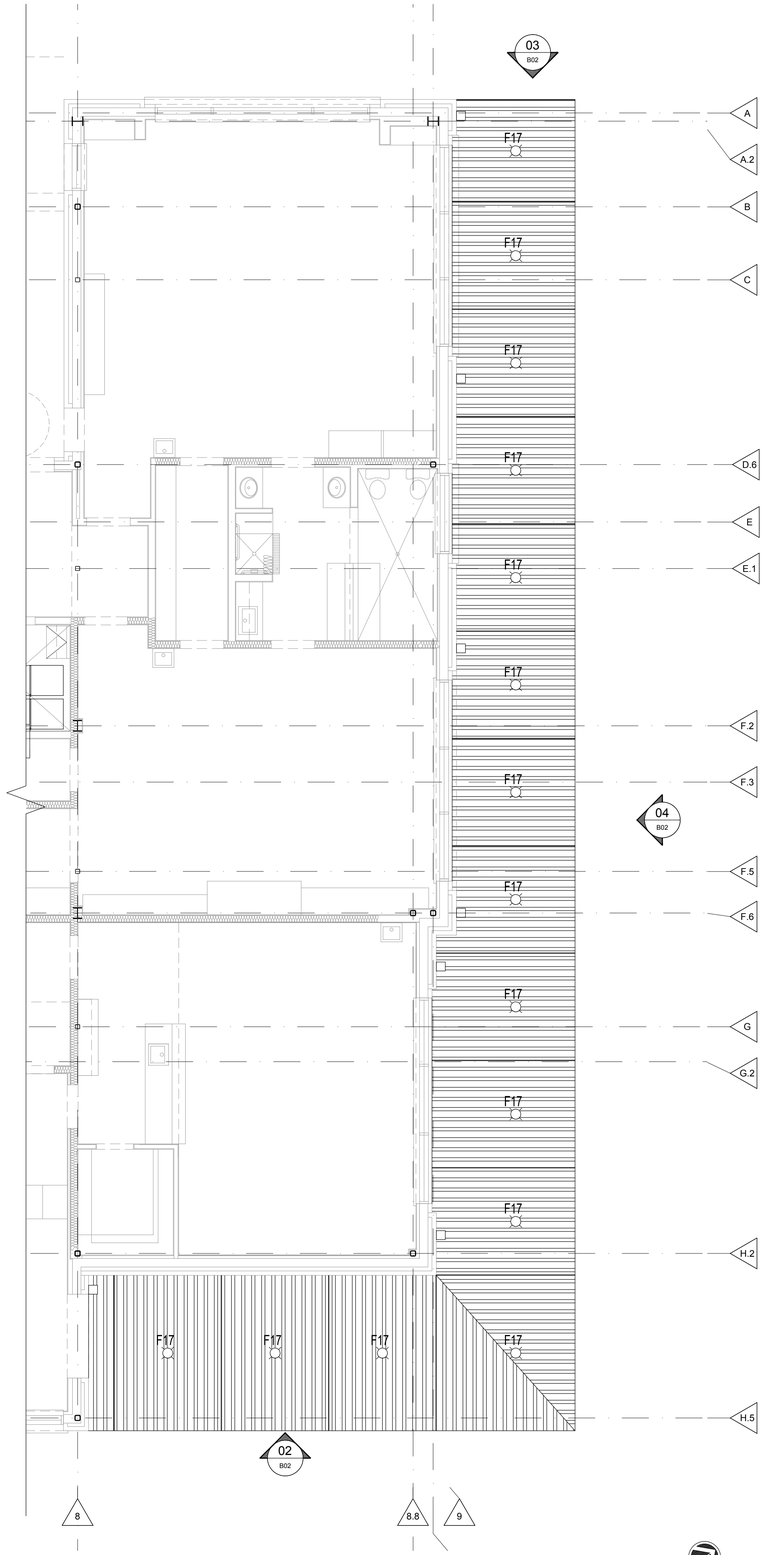
Drawn By	K.H.
Checked By	R.N.

Issue Date
08/05/2021
(RE-ISSUE 7/12/2023)

Title
Electrical One-Line Diagrams

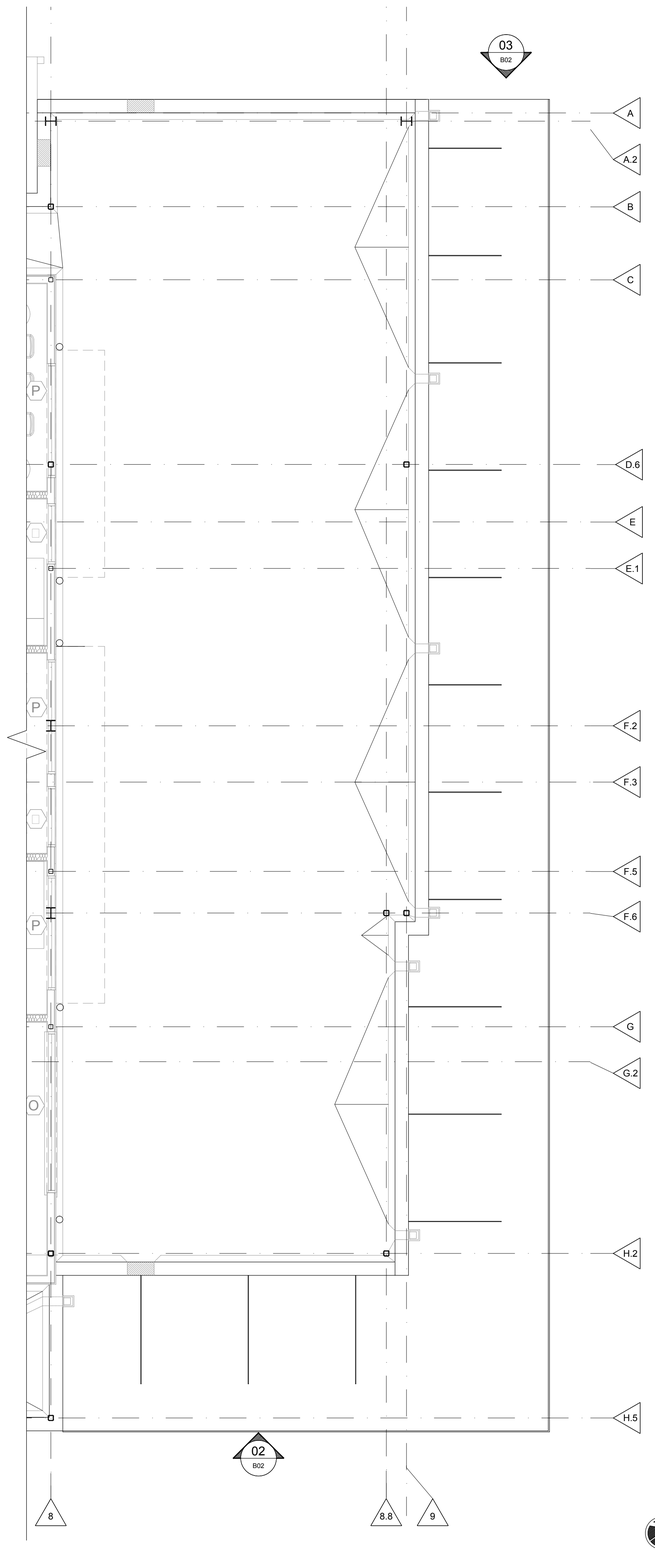
Sheet
E501

SHEET SIZE 24"x 36"
M:\1800-SERIES\1882\1882-ELEC\1882-E501_ELEC ONE-LINE
qnguyen



02 Canopy Reflected Ceiling Plan
B01

TRUE NORTH PLAN NORTH
SCALE: 3/16" = 1'-0"



01 Canopy Roof Plan
B01

TRUE NORTH PLAN NORTH
SCALE: 3/16" = 1'-0"

PLAN NOTES

1. SEE ENLARGED PLANS, A-6.00 SHEETS, PER REFERENCE MARK FOR ADDITIONAL DIMENSIONS AND OTHER INFORMATION PER AREA AND INTERIOR ELEVATION REFERENCES.

2. SEE A2.01.B - A2.02.B SHEETS FOR DIMENSIONED PLANS.

3. SEE A2.01.C - A2.02.C SHEETS FOR REFLECTED CEILING PLANS.

4. PROVIDE BLOCKING FOR TV, BRACKETS, MIRRORS AND GRAB BARS WHERE INDICATED ON INTERIOR ELEVATIONS AND FLOOR PLANS. ALL LOCATIONS/HEIGHTS ARE TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION

5. SEE A-3.01 SHEETS FOR PARTITION TYPES AND FLOOR/CEILING ASSEMBLY DETAILS

6. SEE STRUCTURAL PLANS FOR SHEAR WALL LOCATIONS, CROSS BRACING, BRACE FRAMES, BEARING WALLS, GAUGE OF METAL STUDS, AND ADDITIONAL INFORMATION ON ALL COLUMNS AND FRAMING MEMBERS.

7. IF FURNITURE IS SHOWN FOR RELATIONSHIP TO ROOM. ALL MOVEABLE FURNITURE, FILE CABINETS AND CHAIRS ARE NOT IN CONTRACT.

8. ALL FURNITURE AND E□UIPMENT (I.E. PROJECTION SCREENS, WALL MOUNTED TV's) INDICATED ON PLANS AND INTERIOR ELEVATIONS IS FOR REFERENCE ONLY AND WILL BE COORDINATED AND PROVIDED BY OWNER

BID SET - 2023

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

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Owner

Yc **YWCA of New Orleans**

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

Revisions

Interoffice Data

Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023

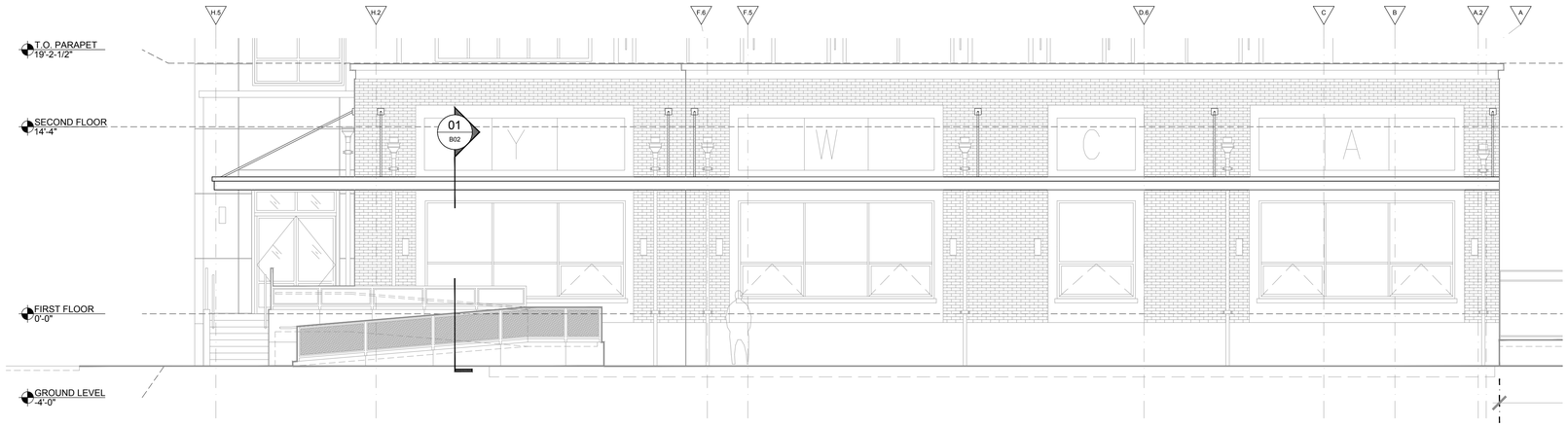
Title

Bree□eway Canopy Descriptive Plan

Sheet

B01

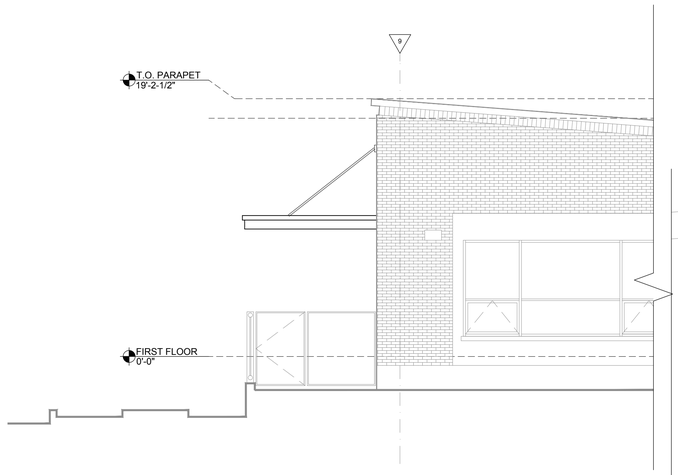
P:\CN09418 - YWCA\03CD\PACKAGE B\B01.DWG



04 B02 Side Elevation (Partial/Daycare Wing)

FACING D'HEMECOURT

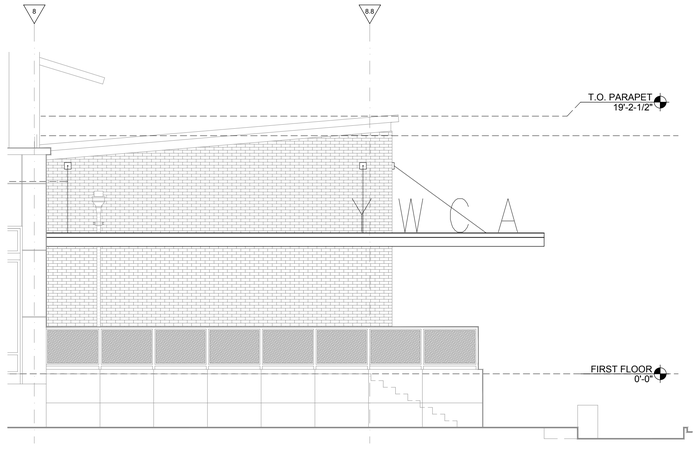
SCALE: 3/16" = 1'-0"



03 B02 Side Elevation (Partial)

FACING D'HEMECOURT

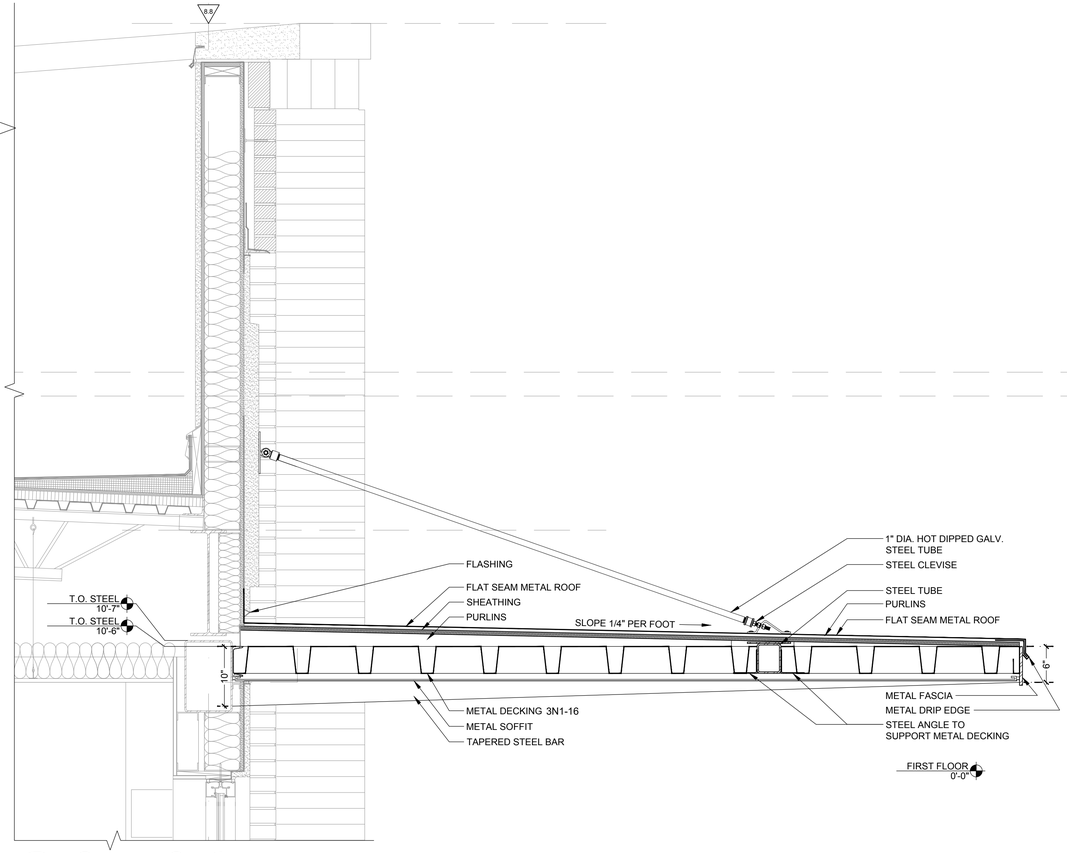
SCALE: 3/16" = 1'-0"



02 B02 Side Elevation (Partial)

JEFF DAVIS ELEVATION

SCALE: 3/16" = 1'-0"



01 B02 Canopy Section

SCALE: 1" = 1'-0"

P:\CN09418 - YWCA\03CD\PACKAGE B\B02.DWG

BID SET - 2023

YWCA Greater New Orleans

New Daycare, Education, and Counseling Building

601 S. Norman C. Francis Parkway & 600 S. Clark St., New Orleans, Louisiana 70119

TRAPOLIN·PEER | ARCHITECTS

A PROFESSIONAL CORPORATION | 850 Tchoupitoulas St. | New Orleans, Louisiana 70130 | T (504) 523 2772 | www.trapolinpeer.com

Yo

Owner

YWCA of New Orleans

601 South Norman C. Francis Parkway
600 South Clark St.

T (area code) number

Contractor

CONTRACTOR NAME

Address 1
Address 2

T (area code) number

Revisions

Interoffice Data	
Project Number	CN 09418
Drawn By	STAFF
Checked By	PMP

Issue Date

07/12/2023

Title

Exterior Elevations

Sheet

B02