ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL FOR THE ASCENSION PARISH SCHOOL BOARD

1502 WEST ORICE ROTH ROAD
GONZALES, LOUISIANA 70737



Design Development:

These drawings are issued for design development purposes only and are not intended, nor shall they be used, for construction. They are provided exclusively to assist the Construction Manager in developing pricing and cost evaluations on behalf of the Owner at this stage of the project.

ASCENSION PARISH SCHOOL BOARD MEMBERS

DR. EDITH WALKER
Superintendent of Schools

District	1	ROBYN PENN DELANEY
District	2	WILLIE ROBINSON
District	3	JULIE BLOUIN
District	4A	MARTY BOURGEOIS "VICE PRESIDENT"
District	4B	JOHN MURPHY
District	5A	JOHN DEFRANCES
District	5B	TAFT KLEINPETER
District	6A	JARED BERCEGEAY "PRESIDENT"
District	6B	LOUIS LAMBERT
District	7A	KAREN BRAUD
District	7B	JAKE LAMBERT

PROJECT SCOPE

- THE PROJECT CONSIST OF A NEW CAFETERIA BUILDING AND A NEW CLASSROOM ADDITION AND RENOVATION TO THE EXISTING MAIN SCHOOL BUILDING.

INDEX

TITLE- PROJECT NAME, VICINTY MAP, INDEX, GENERAL NOTES, AND DEMOLITION NOTES

CIVIL

C-1 - SITE PLAN
C-2- GRADING PLAN
C-3 - UTILITY PLAN

ARCHITECTURAL

LS-1.0 - LIFE SAFETY PLAN
LS-2.0 - LIFE SAFETY PLAN
A-0.0- ACCESSIBILITY GUIDELINES
A-1.0- DEMO SITE PLAN, NOTES
A-1.1- OVERALL SITE PLAN, NOTES
A-1.2- DEMOLITION PLAN, NOTES
A-1.3- DEMOLITION DETAILS
A-1.4- GYM VESTIBULE DEMO/RENO PLANS
A-1.5- CANOPY PLANS, FENCING DETAILS
A-2.0- CAFETERIA OVERALL FLOOR PLAN
A-2.1- CAFETERIA RCP
A-3.0- CLASSROOM OVERALL FLOOR PLAN
A-3.1- CLASSROOM OVERALL FLOOR PLAN
A-4.0- ROOM FINISH SCHED., DOOR SCHED., DOOR TYPES
A-4.1- WINDOW SCHEDULE
A-5.0- CAFETERIA EXTERIOR ELEVATIONS
A-5.1- CLASSROOM EXTERIOR ELEVATIONS
A-6.0- CAFETERIA BUILDING SECTIONS
A-6.1- CLASSROOM BUILDING SECTIONS
A-8.0- INTERIOR ELEVATIONS
A-9.0- CAFETERIA ROOF PLAN
A-9.1- CLASSROOM ROOF PLAN

STRUCTURAL

FOOD SERVICE

FS-100 - OVERALL PLAN
FS-101 - EQUIPMENT FLOOR PLAN
FS-301 - SLAB REQUIREMENTS PLAN
FS-401 - MEP ROUGH IN PLAN
FS-402 - MEP ROUGHIN NOTES
FS-501 - ELECTRICAL ROUGIN PLAN
FS-502 - ELECTRICAL ROUGIN NOTES

MECHANICAL

M-0.1 - GENERAL MECHANICAL NOTES
M-1.0 - MECH PLAN KEY NOTES
M-1.1 - MECHANICAL DEMO PLAN
M-1.2 - CAFETERIA MECH PLAN
M-1.3 - CLASSROOM MECH PLAN
M-2.1 - SCHEDULES
M-3.1 - CONTROLS INFORMATION
M-3.2- CONTROLS INFORMATION
M-4.2 - MECH DETAILS
M-4.2 - MECH DETAILS
M-4.3 - MECH DETAILS
M-4.4 - MECH DETAILS
M-4.5 - MECH DETAILS
M-4.6 - MECH DETAILS
M-4.7- MECH DETAILS
M-4.8- MECH DETAILS
M-5.1- MECH DETAILS
M-5.2- MECH DETAILS
M-5.3- MECH DETAILS
M-5.4- MECH DETAILS
M-5.5- MECH DETAILS

PLUMBING

P-1.0- GENERAL PLUMBING NOTES
P-1.1- PLUMBING DEMO
P-1.2- CAFETERIA PLUMBING PLAN
P-1.3- CLASSROOM PLUMBING PLAN
P-2.1- ENLARGED PLUMBING PLAN
P-3.1- PLUMBING FIXTURE SCHEDULES
P-4.1- RISER DIAGRAMS
P-5.1- PLUMBING DETAILS
P-5.2- PLUMBING DETAILS
P-5.3- PLUMBING DETAILS
P-5.4- PLUMBING DETAILS
SP-1.1- SPRINKLER PLAN
SP-2.1 SPRINKLER DETAILS

ELECTRICAL

E-1.0 ELECTRICAL SITE PLAN
E-2.0 CAFETERIA LIGHING PLAN
E-2.1- CAFETERIA POWER PLAN
E-2.2 - CAFETERIA SPECIAL SYSTEMS PLAN
E-3.0 - CLASSROOM LIGHTING PLAN
E-3.1 - CLASSROOM POWER PLAN
E-3.2- CLASSROOM SPECIAL SYSTEMS PLAN
E-3.3 - CLASSROOM PARTIAL POWER PLAN
E-4.0 - ELECTRICAL DETAILS
E-5.0 - RISER DIAGRAMS
E-6.0 - DATA RISER DIAGRAMS
E-6.1 - RISER DIAGRAMS

ABBREVIATIONS

AFF.	ABOVE FINISHED FLOOR
AL.	ACCESSIBLE LAVATORY
APP.	APPROXIMATE
AU	ACCESSIBLE URINAL
AWC	ACCESSIBLE WATER CLOSET
BLDG.	BUILDING
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CJ	CONTROL JOINT
CONC.	CONCRETE
CONT.	CONTINUOUS
C.R.	CURTAIN AND CURTAIN ROD
DIA.	DIAMETER
EHD.	ELECTRICAL HAND DRYER
EJ	EXPANSION JOINT
EL.	ELEVATION
EP	ELECTRICAL PANEL
EWC	ELECTRIC WATER COOLER
EXP.	EXPOSED
FE	FIRE EXTINGUISHER
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FW	FIRE WALL
GA.	GAUGE
GALV.	GALVANIZED
GB	GRAB BAR
GB1	36"GRAB BAR
GB2	42"GRAB BAR
GYP BD.	GYPSUM WALL BOARD
HR	HANDICAPPED RAMP
L	LAVATORY
M-1	FLOAT GLASS MIRROR
M-2	FRAMED MIRROR
MECH	MECHANICAL
ME	MATCH EXISTING
NIC	NOT IN CONTRACT
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPP.	OPPOSITE
OTS.	OPEN TO STRUCTURE
PNT	PAINTED
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
RH	ROBE HOOK
RE:	REFERENCE
S	SINK
SD	SOAP DISPENSER
S.F.	SQUARE FOOT
SH	SHOWER
SPECS.	SPECIFICATIONS
SR	SHOWER ROD, CURTAIN AND HOOKS
STL.	STEEL
STRUCT.	STRUCTURAL
SW	SMOKE WALL
WC	WATER CLOSET
TB	TOWEL BAR
T.F.	TRANSPARENT FINISH
THK	THICK
T.O.S.	TOP OF STEEL
TPH	TOILET PAPER HOLDER
TW	FIRE TREATED WOOD
TYP.	TYPICAL
U	URINAL
VOJ	VERIFY ON JOB
WC	WATER CLOSET



VICINITY MAP

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR BIDDING, PERMIT, RECORDATION, CONSTRUCTION, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: JPC

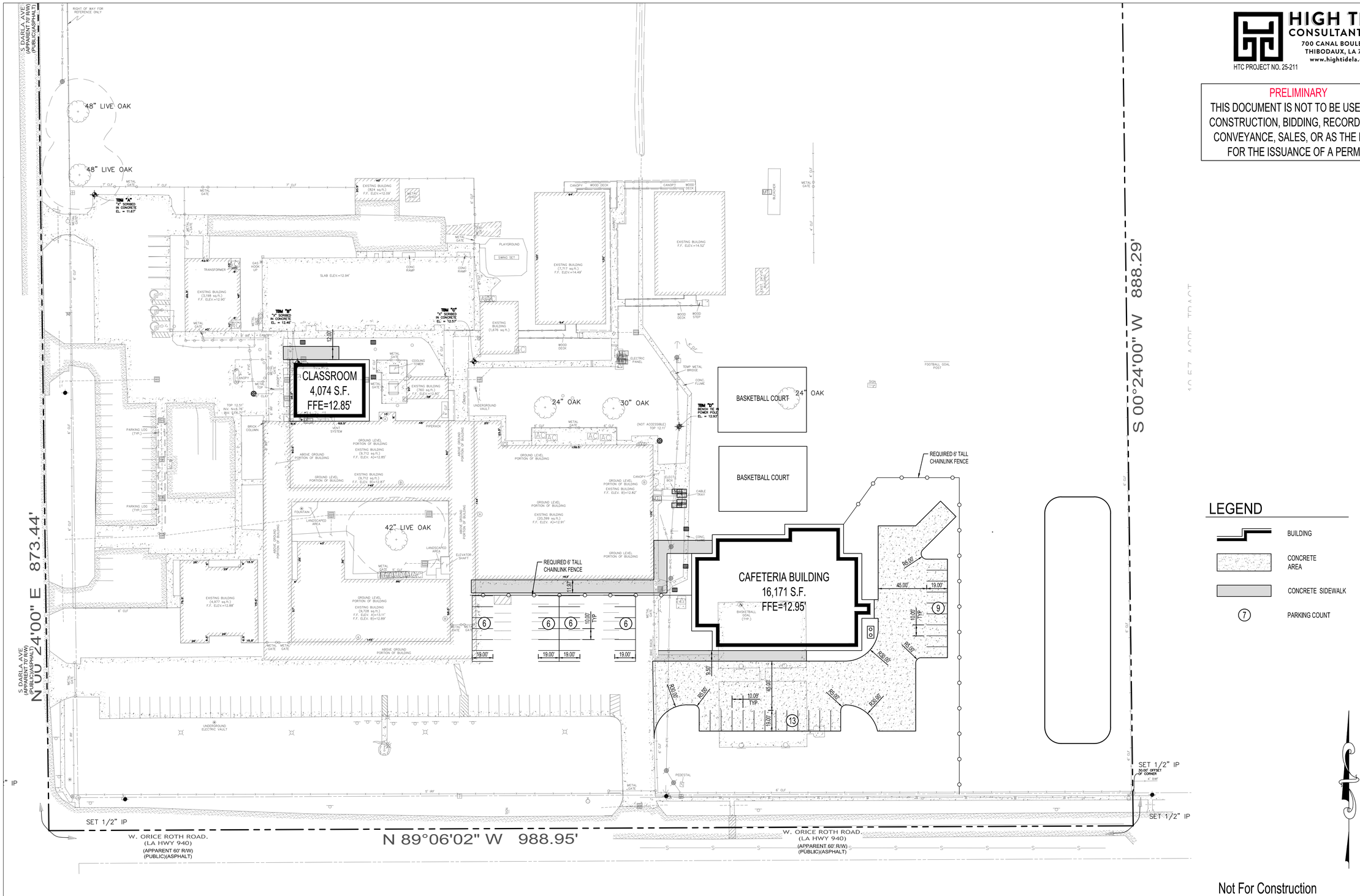
CHECKED BY: JPC

PROJECT NO. 2408

SHEET NO.

TITLE

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be liable.



These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

HIGH TIDE CONSULTANTS LLC
700 CANAL BOULEVARD
THIBODAUX, LA 70301
www.hightidela.com
HTC PROJECT NO. 25-211

PRELIMINARY

THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST,
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: AC

CHECKED BY: BSG

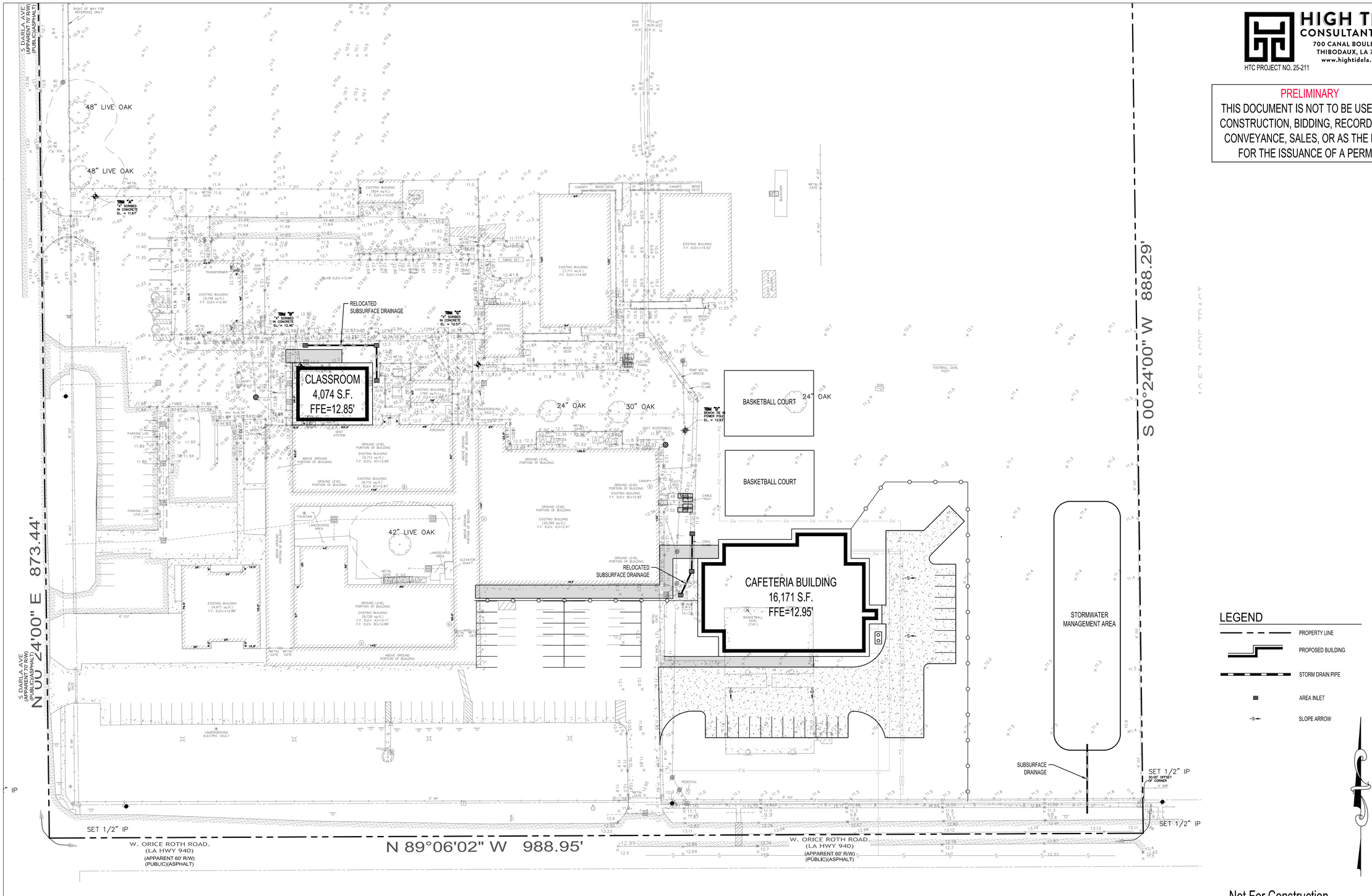
PROJECT NO. 2408

SHEET NO. C-1

Not For Construction

SITE PLAN

LA One Call
CALL 811
BEFORE YOU DIG
800/272-3020



LEGEND

- PROPERTY LINE
- PROPOSED BUILDING
- STORM DRAIN PIPE
- AREA INLET
- SLOPE ARROW

Not For Construction

GRADING PLAN

SCALE IN FEET

40 20 0 40 80 120

LA One Call
CALL 811
BEFORE YOU DIG
800/272-3020

HIGH TIDE CONSULTANTS LLC
700 CANAL BOULEVARD
THIBODAUX, LA 70301
www.hightidela.com
HTC PROJECT NO. 25-211

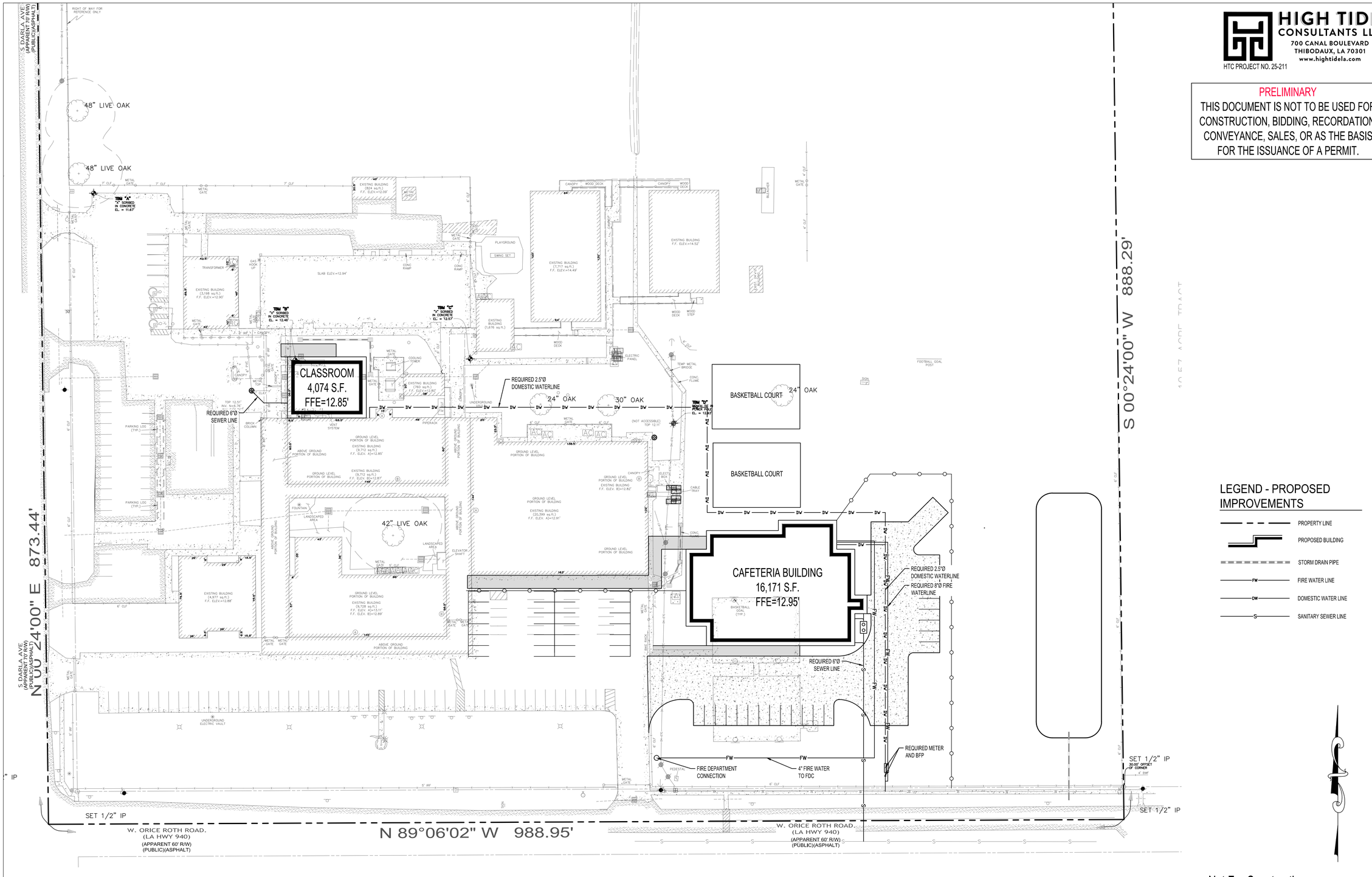
PRELIMINARY
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST,
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: AC
CHECKED BY: BSG
PROJECT NO. 2408
SHEET NO. C-2

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.



LEGEND - PROPOSED IMPROVEMENTS

- PROPERTY LINE
- PROPOSED BUILDING
- STORM DRAIN PIPE
- FW — FIRE WATER LINE
- DW — DOMESTIC WATER LINE
- S — SANITARY SEWER LINE

Not For Construction

UTILITY PLAN

SCALE IN FEET
40 20 0 40 80 120

LA One Call
CALL 811
BEFORE YOU DIG
800/272-3020

HIGH TIDE CONSULTANTS LLC
700 CANAL BOULEVARD
THIBODAUX, LA 70301
www.hightidela.com
HTC PROJECT NO. 25-211

PRELIMINARY
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST,
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: AC
CHECKED BY: BSG
PROJECT NO. 2408
SHEET NO. C-3

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

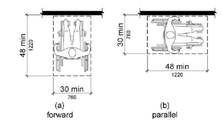


Figure 305.5
Position of Clear Floor or Ground Space

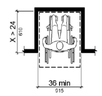


Figure 305.7.1
Maneuvering Clearance in an Alcove, Forward Approach

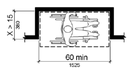


Figure 305.7.2
Maneuvering Clearance in an Alcove, Parallel Approach

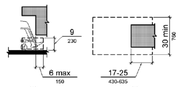


Figure 306.2
Toe Clearance

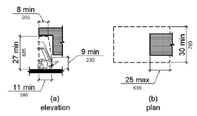


Figure 306.3
Knee Clearance

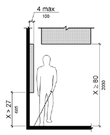


Figure 307.2
Limits of Protruding Objects

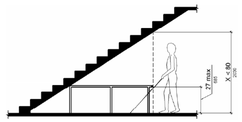


Figure 307.4
Vertical Clearance

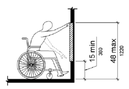


Figure 308.2.1
Unobstructed Forward Reach

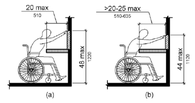


Figure 308.2.2
Obstructed High Forward Reach

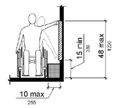


Figure 308.3.1
Unobstructed Side Reach

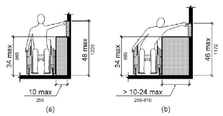


Figure 308.3.2
Obstructed High Side Reach

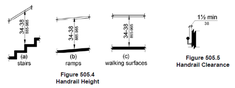


Figure 505.4
Handrail Height

Figure 505.6
Handrail Clearance

Figure 505.6
Horizontal Projections Below Gripping Surface

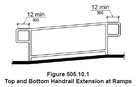


Figure 505.10.1
Top and Bottom Handrail Extension at Ramps



Figure 505.10.2
Top Handrail Extension at Stairs

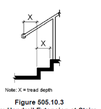
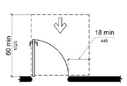
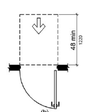
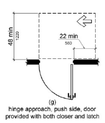
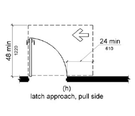


Figure 505.10.3
Bottom Handrail Extension at Stairs









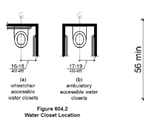


Figure 604.2
Water Closet Location

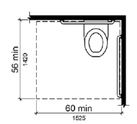


Figure 604.3.1
Size of Clearance at Water Closets

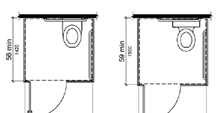
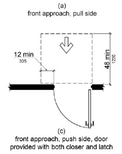
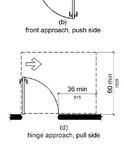
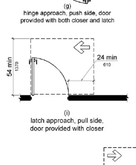
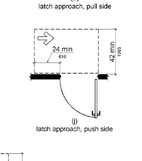


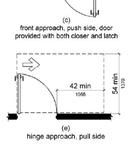
Figure 604.8.1.1
Size of Wheelchair Accessible Toilet Compartment

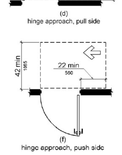












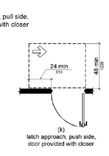


Figure 404.2.4.1
Maneuvering Clearances at Manual Swinging Doors and Gates

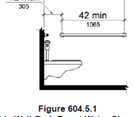


Figure 604.5.1
Side Wall Grab Bar at Water Closets

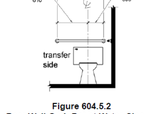


Figure 604.5.2
Rear Wall Grab Bar at Water Closets

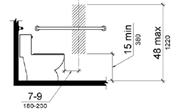


Figure 604.7
Dispenser Outlet Location

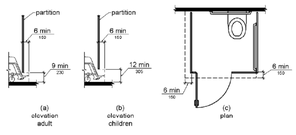


Figure 604.8.1.4
Wheelchair Accessible Toilet Compartment Toe Clearance

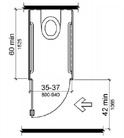


Figure 604.8.2
Ambulatory Accessible Toilet Compartment

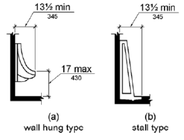


Figure 605.2
Height and Depth of Urinals

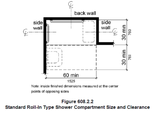


Figure 608.2.2
Standard Roll-In Type Shower Compartment Size and Clearance

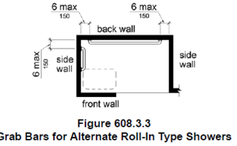
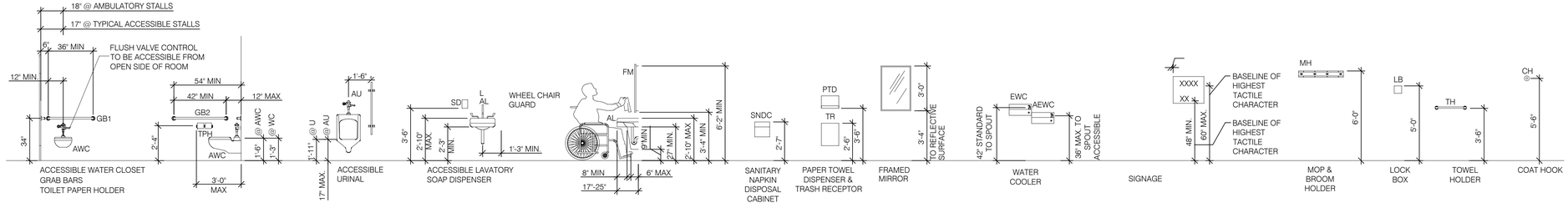


Figure 608.3.3
Grab Bars for Alternate Roll-In Type Showers

1 MANEUVERING CLEARANCES
SCALE: NTS
RE:

NOTE:
1. PROVIDE BLOCKING AS REQUIRED FOR WALL MOUNTED ITEMS SUCH AS GRAB BARS, WASTE RECEPTACLES, WALL CABINETS, ETC.
2. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.



2 MOUNTING HEIGHTS
1/4" = 1'0"
RE:

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be liable.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

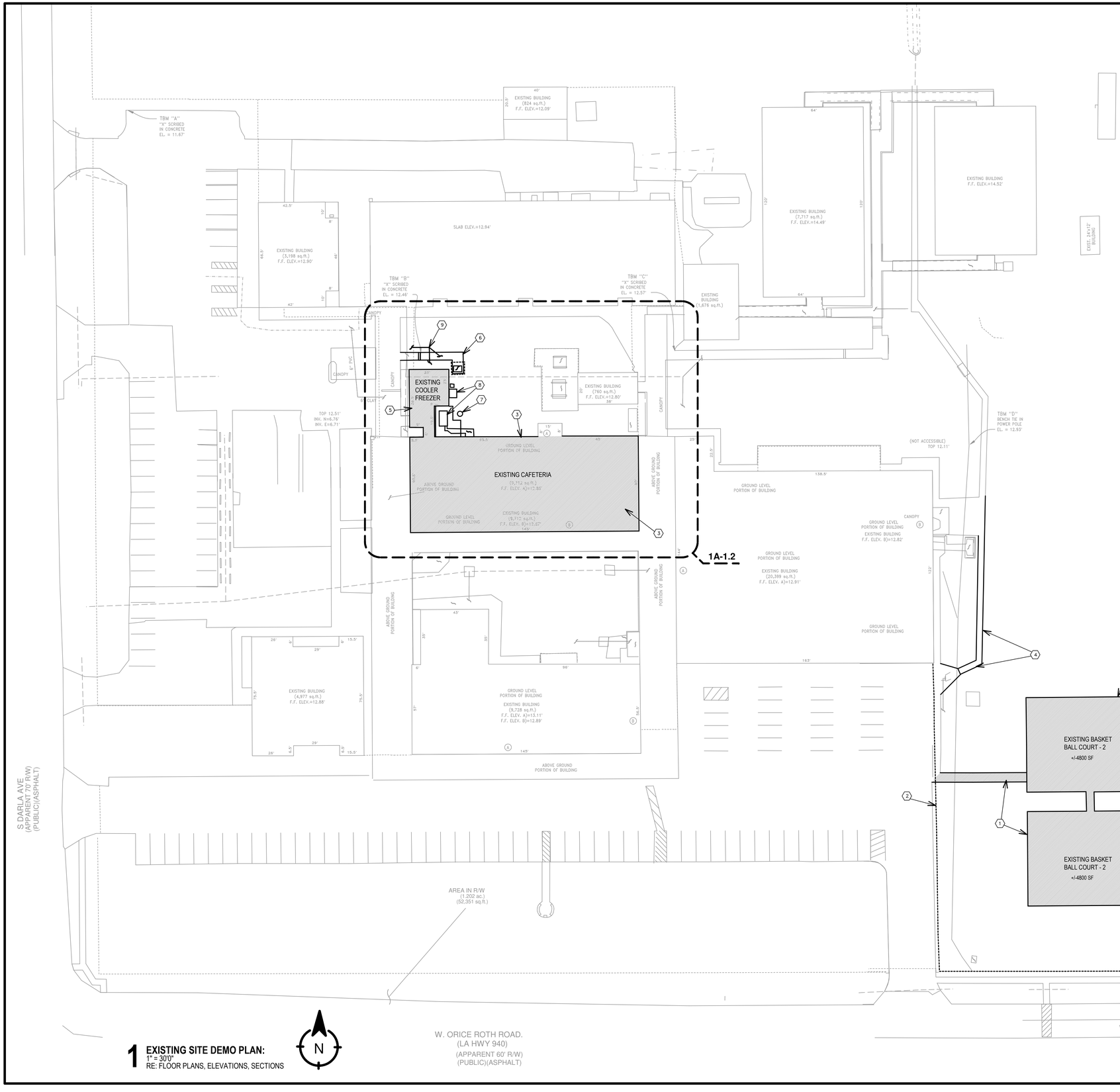
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-0.0



1 EXISTING SITE DEMO PLAN:
1" = 30'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

GENERAL NOTES

1. THE CONTRACTOR SHALL BE ADVISED THAT THE EXISTING BUILDING SHALL REMAIN OCCUPIED DURING THE ENTIRE SCHOOL YEAR. ALL ACTIVITY SHALL BE COORDINATED AND SCHEDULED IN SUCH A WAY AS TO MINIMIZE DISRUPTION TO THE EDUCATIONAL ENVIRONMENT OF THE FACILITY.
2. GENERAL NOTE: THE CONTRACTOR IS SOLEY RESPONSIBLE FOR SECURING AND PROTECTING THE PHYSICAL PLANT, STORED MATERIALS, EQUIPMENT AND OF PEOPLE IN THE WORK AREA. THE GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING MEANS OF EGRESS AND ALL EXISTING FIRE PROTECTION FEATURES AT ALL TIMES DURING CONSTRUCTION.
3. GENERAL NOTE: CONTRACTOR SHALL VISIT THE SITE DURING BIDDING PERIOD AND BECOME FAMILIAR WITH ALL ASPECTS OF THE WORK. FAILURE TO INSPECT THE SITE OR BECOME FULLY AQUAINTED WITH THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING WILL NOT RELIEVE THE CONTRACTOR OF PERFORMANCE OF ANY OF THE WORK REQUIRED BY THE EXISTING CONDITIONS OR AS INDICATED ON THE CONTRACT DOCUMENTS.
4. GENERAL NOTE: THE CONTRACTOR SHALL EXERCISE PROPER PRECAUTION TO VERIFY ALL EXISTING CONDITIONS AND LAYOUT OF THE WORK, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. THE CONTRACTOR IS RESPONSIBLE FOR ANY ERROR RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTION, WHICH WILL NOT BE CONSIDERED SUBSEQUENTLY AS A BASIS FOR EXTRA COMPENSATION. SHOULD A CONTRACTOR DISCOVER DISCREPANCIES IN, OR OMISSIONS FROM, THE CONTRACT DOCUMENTS, OR SHOULD HE BE IN DOUBT AS TO THEIR MEANING, THE CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY FOR AN INTERPRETATION.
5. GENERAL NOTE: THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A SECURE AND SAFE AREA OF PROTECTION OF ALL STORED MATERIALS AND EQUIPMENT FOR THE PROJECT. THE SITE AND ITS CONTENTS REMAIN THE RESPONSIBILITY OF THEGENERAL CONTRACTOR AND SHALL BE KEPT IN SUCH A MANNER TO BE SECURE AND SAFE AND TO COMPLY WITH ALL PERTINENT SAFETY AND OTHER REGULATIONS AND CODES. THE STAGING AREA SHALL BE LOCATED IN COORDINATION W/ ARCHITECT AND OWNER
6. GENERAL NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITIES. ALL SYSTEM SHUT DOWNS SHALL BE COORDINATED WITH THE OWNER, PRINCIPAL AND ARCHITECT PRIOR TO EXECUTION OF THE WORK.
7. GENERAL NOTE: THE GENERAL CONTRACTOR SHALL PATCH ANY FINISH TO MATCH ANY ADJACENT SPACES WHICH ARE AFFECTED IN ANY MANNER BY THIS CONSTRUCTION. COORDINATION OF ACCESS TO EXISTING BUILDINGS IF REQUIRED SHALL BE SCHEDULED WITH THE OWNER AND PRINCIPAL IN ADVANCE. COORDINATE ALL DEMOLITION, SYSTEM SHUTDOWNS AND SERVICE INTERRUPTIONS WITH THE OWNER, PRINCIPAL, AND ARCHITECT PRIOR TO EXECUTION OF THE WORK.
8. GENERAL NOTE: THE CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL TO LOCATE AND VERIFY ALL UTILITIES BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE OWNER, THE ARCHITECT AND THE PROPER UTILITY PROVIDER.
9. GENERAL NOTE: THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE FROM ALL CONSTRUCTION AREAS.
10. GENERAL NOTE: THE CONTRACTOR SHALL PROTECT ALL EXISTING MATERIALS TO REMAIN. ANY MATERIALS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPAIRED TO LIKE NEW CONDITION, OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. (TYP.) THIS INCLUDES DAMAGE ED SITE SUCH AS RUTS, HOLES, ETC.
11. GENERAL NOTE: THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR WORKMANSHIP AND MAINTAINING THE STANDARDS OF QUALITY, AND SHALL PERFORM ALL WORK INDICATED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL PROJECT REQUIREMENTS.

KEY NOTES

1. CONTRACTOR SHALL REMOVE EXISTING CONCRETE BASKETBALL COURTS IN THEIR ENTIRETY, INCLUDING ALL CONCRETE SLABS, POLES, FOOTINGS, AND ASSOCIATED APPURTENANCES. SAW-CUT PERIMETER EDGES AS REQUIRED TO ACHIEVE CLEAN TERMINATION. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM SITE AND LEGALLY DISPOSED OF IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES. BASKETBALL GOALS SHALL BE CAREFULLY SALVAGED, PROTECTED DURING DEMOLITION, AND REINSTALLED AT LOCATIONS SHOWN ON DRAWINGS. SUBGRADE SHALL BE CLEARED OF DEBRIS, GRADED SMOOTH, AND COMPACTED TO A UNIFORM CONDITION SUITABLE FOR FUTURE CONSTRUCTION. CONTRACTOR SHALL VERIFY AND PROTECT ALL ADJACENT STRUCTURES, UTILITIES, AND IMPROVEMENTS DURING DEMOLITION.
2. REMOVE THE DESIGNATED SECTION OF EXISTING VINYL-COATED CHAIN LINK FENCE, INCLUDING POSTS, FOOTINGS, AND ALL ASSOCIATED HARDWARE, AS INDICATED ON DRAWINGS. +/-550 LF
3. PERFORM SELECTIVE DEMOLITION AT THE INTERIOR OF THE EXISTING CAFETERIA AS INDICATED. REMOVE PARTITIONS, CEILINGS, FLOOR FINISHES, MILLWORK, AND OTHER INTERIOR ELEMENTS AS SHOWN ON DRAWINGS. SPACE TO BE RENOVATED INTO CLASSROOMS. REFER TO BLOW-UP DEMOLITION PLAN FOR EXTENT AND LIMITS OF WORK. CONTRACTOR SHALL PROTECT STRUCTURAL ELEMENTS, UTILITIES TO REMAIN, AND ADJACENT OCCUPIED AREAS DURING DEMOLITION.
4. DEMOLISH EXISTING PAVED SWALE IN ITS ENTIRETY, INCLUDING PAVEMENT, BASE, AND ASSOCIATED APPURTENANCES, AS INDICATED ON DRAWINGS. PREPARE SUBGRADE FOR NEW SUBSURFACE DRAINAGE SYSTEM IN ACCORDANCE WITH CIVIL AND STRUCTURAL REQUIREMENTS.
5. CONTRACTOR SHALL REMOVE EXISTING 8" CONCRETE UNIT MASONRY AND STEEL-FRAMED BUILDING IN ITS ENTIRETY, INCLUDING ALL FOUNDATIONS, UTILITIES, AND SIDEWALKS. CONTRACTOR SHALL COMPLETELY REMOVE ALL FOUNDATIONS AND REFER TO MECHANICAL AND ELECTRICAL DEMOLITION PLANS FOR THE DEMOLITION OR SALVAGE OF ANY MECHANICAL AND ELECTRICAL SYSTEMS. CONTRACTOR SHALL BACKFILL ALL RESULTING VOIDS WITH COMPACTED FILL AND DRESS FINISHED GRADES FLUSH WITH EXISTING, IN PREPARATION FOR THE NEW CLASSROOM ADDITION. (Re: A-1.2 - BLOW UP DEMO PLANS)
6. REMOVE EXISTING PAVEMENT SERVING THE OIL DISPOSAL CONTAINER, INCLUDING BASE MATERIALS, AND DEMOLISH ALL ASSOCIATED FENCING AND POSTS FOR THE CONTAINER AS INDICATED ON DRAWINGS.(+/-250 SF OF PAVEMENT - +/-40 LF OF WOOD FENCING)
7. REMOVE EXISTING GREASE TRAP IN ITS ENTIRETY AS INDICATED. REFER TO PLUMBING DEMOLITION DRAWINGS FOR EXTENT OF DISCONNECTION, DEMOLITION, OR SALVAGE OF ASSOCIATED PIPING AND APPURTENANCES.
8. REMOVE EXISTING MECHANICAL EQUIPMENT ASSOCIATED WITH THE EXISTING CAFETERIA AND COOLER/FREEZER BUILDING. REMOVE ALL PAVING AND HOUSEKEEPING PADS ASSOCIATED WITH THE MECHANICAL EQUIPMENT. REFER TO MECHANICAL DEMOLITION DRAWINGS FOR EXTENT OF DISCONNECTION, DEMOLITION, OR SALVAGE OF ALL SYSTEMS, PIPING, AND APPURTENANCES.
9. REMOVE ANY SUBSURFACE DRAINAGE IN CONFLICT WITH THE PROPOSED NEW CLASSROOM BUILDING ADDITION. REFER TO CIVIL DRAWINGS FOR EXTENT OF REMOVAL, DISCONNECTION, OR RELOCATION.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REGISTRATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-1.0

These drawings are the property of Gossen-Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

KEY NOTES

1 – PROVIDE NEW EXTRUDED ALUMINUM CANOPY SYSTEM AS INDICATED. REFER TO CANOPY DETAILS FOR DIMENSIONS, CONNECTIONS, AND FINISH REQUIREMENTS. INSTALL COMPLETE WITH ALL SUPPORTS, FLASHINGS, AND ACCESSORIES FOR A WATERTIGHT INSTALLATION. (REF: 3A-1.5)

2 – NEW ARCHITECTURAL 3000 PSI FIBER-REINFORCED CONCRETE SIDEWALKS AS INDICATED ON SITE PLAN. INSTALL PER ARCHITECTURAL AND CIVIL DETAILS, INCLUDING CONTROL JOINTS, EXPANSION JOINTS, AND FINISH REQUIREMENTS.

3 – PROVIDE NEW CONCRETE DRIVEWAY PAVING AS INDICATED. REFER TO CIVIL DRAWINGS FOR THICKNESS, REINFORCEMENT, AND DETAIL REQUIREMENTS.

4 – HATCHED AREA INDICATES AREA TO RECEIVE NEW SOD. ALL OTHER AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND SEEDED PER LANDSCAPE/CIVIL SPECIFICATIONS.

5 – PROVIDE NEW CONCRETE BASKETBALL COURTS AS INDICATED. REFER TO CIVIL DRAWINGS FOR PAVING REQUIREMENTS AND THICKNESS. REINSTALL SALVAGED BASKETBALL GOALS AT NEW BASKETBALL COURTS. 8 TOTAL, TYPICAL.

6 – PROVIDE NEW CANTILEVERED SLIDING ORNAMENTAL FENCE GATE TO MATCH EXISTING GATES ON CAMPUS IN STYLE, HEIGHT, AND FINISH. INSTALL COMPLETE WITH ALL REQUIRED HARDWARE AND OPERATIONAL COMPONENTS PER MANUFACTURERS REQUIREMENTS.

7 – PROVIDE NEW SHOOTER WALL FENCE SYSTEM, 6'-0" HIGH, CONSTRUCTED OF SEGMENTS OF SPLIT-FACED UNIT MASONRY WITH ALUMINUM ORNAMENTAL FENCING ABOVE. (REF: 4A-1.5)

8 – PROVIDE NEW PARKING LOT STRIPING AS INDICATED. REFER TO CIVIL DRAWINGS FOR STRIPING LAYOUT, DIMENSIONS, AND STRIPE WIDTHS.

9 – TIE EXISTING DOWNSPOUTS INTO SUBSURFACE DRAINAGE SYSTEM ALONG FRONT FACADE OF THE EXISTING GYM BUILDING. (8 TOTAL) REFER TO CIVIL AND PLUMBING DRAWINGS FOR EXTENT AND CONNECTION DETAILS.

NEW CLASSROOM ADDITION
F.F.E.= 12.82'

RENOVATED CLASSROOM AREA

EXIST. GYMNASIUM BUILDING "A-F"

NEW CAFETERIA BUILDING
F.F.E.= 12.82'

NEW BASKETBALL COURT - 1

NEW BASKETBALL COURT - 2

80'0"

60'0"

23'0"

64'0""

NEW COVERED WALKWAY

EXISTING PARKING

NEW DRIVEWAY

NEW PARKING

NEW DUMPSTER LOCATION

6'0" HIGH CHAIN LINK FENCE +/- 72'

6'0" HIGH CHAIN LINK FENCE +/- 280'

S DARLA AVE
(APPARENT 70' R/W)
(PUBLIC)(ASPHALT)

W. ORICE ROTH ROAD.
(LA HWY 940)
(APPARENT 60' R/W)
(PUBLIC)(ASPHALT)

AREA IN R/W
(1.202 ac.)
(52,351 sq.ft.)

TBM "A" "X" SCRIBED IN CONCRETE EL. = 11.67'

TBM "B" "X" SCRIBED IN CONCRETE EL. = 12.46'

TBM "C" "X" SCRIBED IN CONCRETE EL. = 12.57'

TBM "D" BENCH TIE IN POWER POLE EL. = 12.93

TOP 12.51' INV. N=6.76' INV. E=6.71'

EXISTING BUILDING (824 sq.ft.) F.F. ELEV.=12.09'

EXISTING BUILDING (3,198 sq.ft.) F.F. ELEV.=12.90'

SLAB ELEV.=12.94'

EXISTING BUILDING (1,676 sq.ft.)

EXISTING BUILDING (7,717 sq.ft.) F.F. ELEV.=14.49'

EXISTING BUILDING F.F. ELEV.=14.52'

EXIST. 24'x72' BUILDING

EXISTING BUILDING (760 sq.ft.) F.F. ELEV.=12.80'

(NOT ACCESSIBLE) TOP 12.11'

GROUND LEVEL PORTION OF BUILDING EXISTING BUILDING F.F. ELEV. B)=12.82'

EXISTING BUILDING (4,977 sq.ft.) F.F. ELEV.=12.88'

GROUND LEVEL PORTION OF BUILDING EXISTING BUILDING (9,728 sq.ft.) F.F. ELEV. A)=13.11' F.F. ELEV. B)=12.89'

ABOVE GROUND PORTION OF BUILDING

1A-1.4

1 SITE PLAN
1" = 300'
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

N

NOTE: FOR EXACT LOCATION OF BUILDINGS REFER TO CIVIL.

REFER TO CIVIL SHEETS FOR EXISTING & NEW UTILITIES

REFER TO CIVIL FOR TOPOGRAPHIC SURVEY

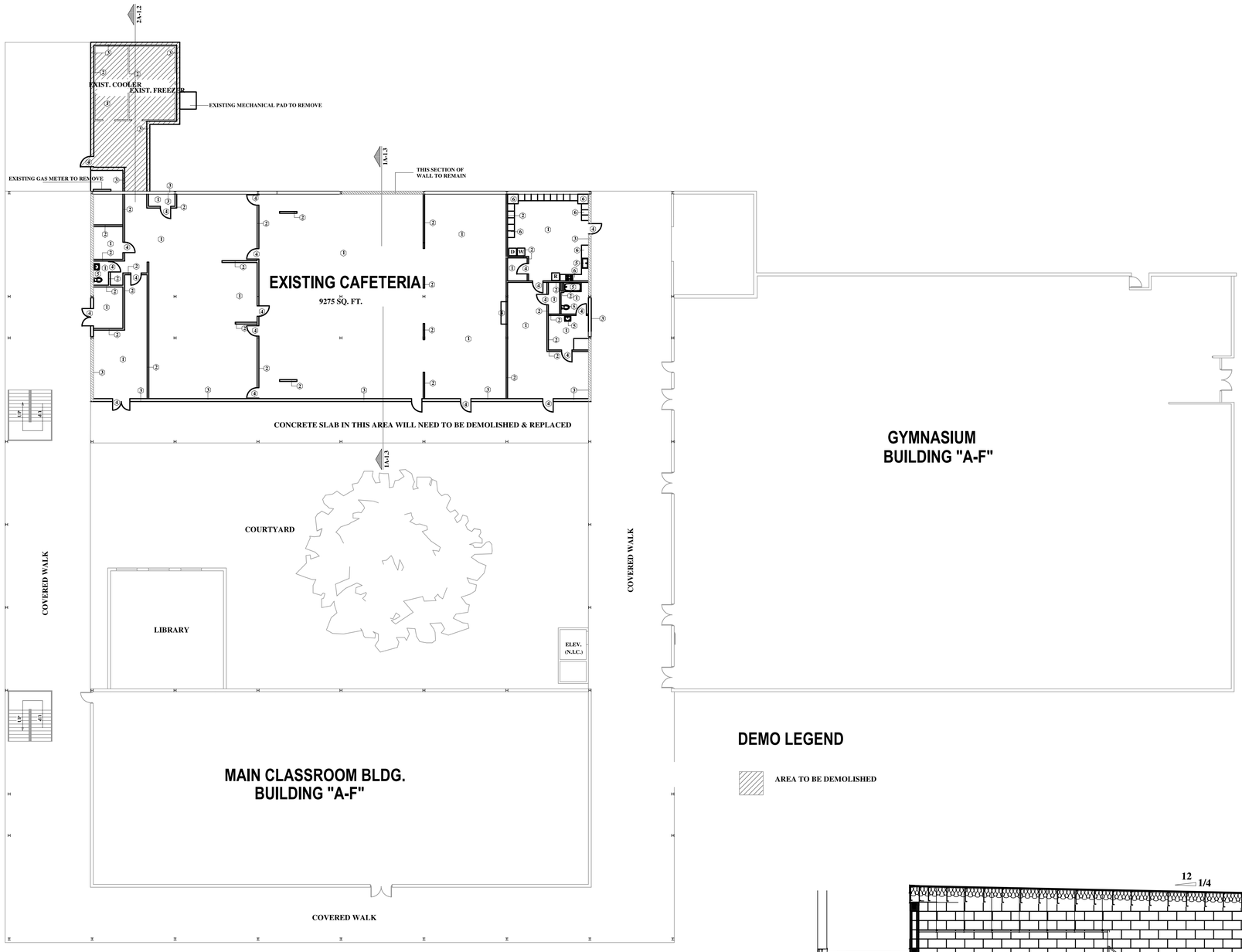
These drawings are the property of Gossen-Holloway Cortez, A'PAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prohibited.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REGULATORY, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-1.1



1 DEMOLITION PLAN:
1/16" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

DEMOLITION SCOPE OF WORK

1. THE SCOPE OF THE WORK INCLUDES THE COMPLETE DEMOLITION AND REMOVAL OF THE EXISTING COOLER/FREEZER BUILDING AND EXISTING SITE UTILITIES AT THE PERIMETER OF THE BUILDING (SEE MECH., ELEC., CIVIL & STRUCTURAL SHEETS FOR ADDITIONAL DEMOLITION), EXCEPT WHERE SPECIFICALLLY INDICATED OTHERWISE ON DRAWINGS OR SPECIFICATIONS. GENERAL DEMOLITION WORK IS INDICATED THROUGHOUT CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAKE A COMPREHENSIVE REVIEW OF ALL SITE CONDITIONS PRIOR TO BIDDING. ALL WORK THAT IS READILY VISIBLE AT THE SITE SHALL BE INCLUDED IN THE SCOPE, WHETHER SHOWN ON THE DRAWINGS OR NOT.

2. ALL DEMOLITION WORKERS ON THE PROJECT SITE SHALL BE REQUIRED TO WEAR A PLASTIC LAMINATED BADGE CLIPPED TO THEIR CLOTHING AT ALL TIMES. THIS BADGE SHALL INCLUDE THE DEMOLITION WORKER'S/PERSONNEL'S FULL NAME, COMPANY NAME, AND A PHOTOOF DEMOLITION WORKER/PERSONNEL. ALL DEMOLITION WORKER'S ON THE PROJECT SHALL WEARA HARD HAT WHEN WITHIN THE SECURITY FENCING AREA THAT ENCLOSES THE PERIMETER OFTHE DEMOLITION SITE

3. MOST OF THE DEMOLITION IS TO BE DONE DURING SCHOOL HOURS. SCHOOL HOLIDAYS/CLOSURES AND WEEKENDS WITH THE APPROVAL AND COORDINATION WITH THE OWNER. THE ADMINISTRATION SHALL BE CONSULTED FOR ANY POSSIBLE CONFLICTS ANTICIPATED DURING CONSTRUCTION WITH SCHOOL SCHEDULES AND TESTING. SINCE THE PROJECT IS ON AN EXISTING SCHOOL SITE AND IS DESIGNATED AS A "SMOKE-FREE ZONE", NO SMOKING WILL BE ALLOWED ON THE SCHOOL CAMPUS. THE SCHOOL CAMPUS IS ALSO A "DRUG-FREE, ALCOHOL-FREE, AND FIRE ARM-FREE ZONE" OF WHICH THERE WILL BE NO EXCEPTION. INTERACTION WITH STUDENTS IS NOT ALLOWED AND SHALL BE STRONGLY ENFORCED.

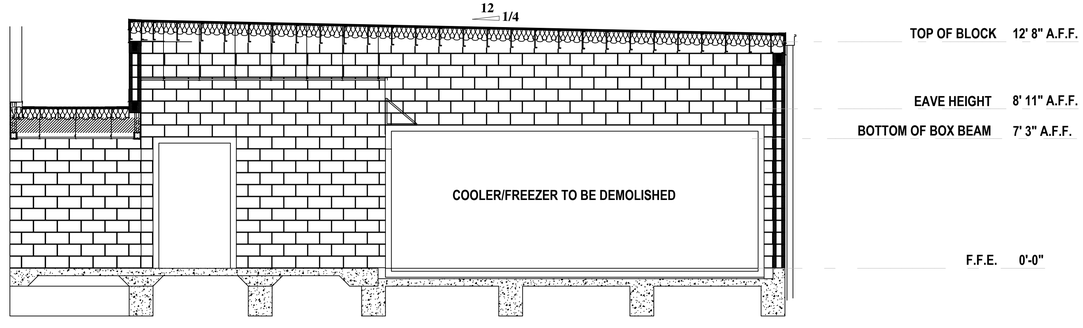
4. THE CRUSHING OF DEMOLITION MATERIALS SHALL NOT BE ALLOWED ON THE PROJECT SITE. ALL DEMOLITION MATERIAL SHALL BE DISPOSED OF PROPERLY AT A DUMP SITE OFFICIALLY DESIGNATED TO RECEIVE MATERIALS OF THAT BEING DISPOSED OF, IN FULL ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.

DEMOLITION NOTES

1. REMOVE ALL EXISTING VCT TILE WHERE INDICATED ON PLAN. PREPARE SUBSTRATE TO RECEIVE NEW FLOORING IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
2. REMOVE EXISTING STEEL STUD AND GYPSUM BOARD WALL ASSEMBLIES WHERE INDICATED ON PLAN. (TYPICAL)
3. AT EXTERIOR WALL, REMOVE EXISTING BRICK VENEER AND ASSOCIATED WALL ASSEMBLIES WHERE INDICATED ON PLAN. (TYPICAL)
4. REMOVE EXISTING DOORS, DOOR FRAMES, AND THRESHOLDS. REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF NEW DOORS WITH NEW FRAMES AND HARDWARE WHERE INDICATED ON PLANS. (TYPICAL)
5. AT RESTROOMS AND KITCHEN, REMOVE ALL EXISTING PLUMBING FIXTURES AND ALL EXISTING ACCESSORIES AS INDICATED.(REF: MECH/PLUMBING)
6. AT KITCHEN, REMOVE EXISTING CASEWORK WHERE INDICATED ON PLAN. (TYPICAL)

DEMO LEGEND

AREA TO BE DEMOLISHED



2 EXISTING SECTION:
1/4" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

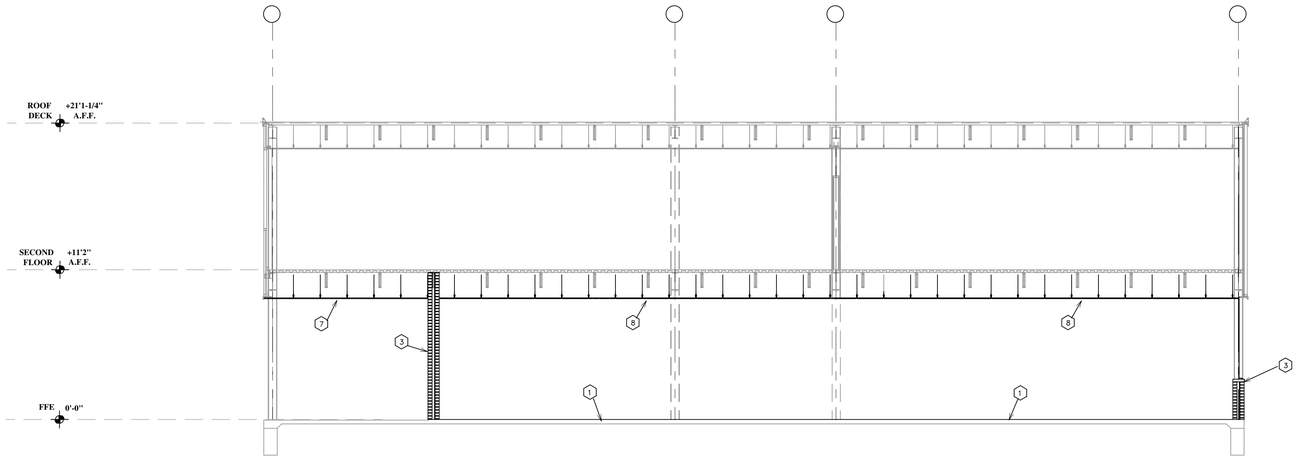
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REGISTRATION, CONVEYANCE, SALES, OR FOR ANY PURPOSES FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-1.2

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.



1 Demo. Building Section:
3/16" = 1'0"
RE: 1A-1.2

DEMOLITION NOTES

1. REMOVE ALL EXISTING VCT TILE WHERE INDICATED ON PLAN. PREPARE SUBSTRATE TO RECEIVE NEW FLOORING IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
2. REMOVE EXISTING STEEL STUD AND GYPSUM BOARD WALL ASSEMBLIES WHERE INDICATED ON PLAN. (TYPICAL)
3. AT EXTERIOR WALL, REMOVE EXISTING BRICK VENEER AND ASSOCIATED WALL ASSEMBLIES WHERE INDICATED ON PLAN. (TYPICAL)
4. REMOVE EXISTING DOORS, DOOR FRAMES, AND THRESHOLDS. REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF NEW DOORS WITH NEW FRAMES AND HARDWARE WHERE INDICATED ON PLANS. (TYPICAL)
5. AT RESTROOMS AND KITCHEN, REMOVE ALL EXISTING PLUMBING FIXTURES AND ALL EXISTING ACCESSORIES AS INDICATED.(REF: MECH/PLUMBING)
6. AT KITCHEN, REMOVE EXISTING CASEWORK WHERE INDICATED ON PLAN. (TYPICAL)
7. EXISTING ASBESTOS-CONTAINING SOFFIT SYSTEM TO BE REMOVED PRIOR TO DEMOLITION WORK BY OWNERS SEPARATE CONTRACTOR. NOT IN CONTRACT (N.I.C.).
8. REMOVE ALL EXISTING SUSPENDED CEILING SYSTEMS, INCLUDING GRID, TILE, AND HANGERS, ALONG WITH ALL ASSOCIATED MECHANICALS AND ABOVE-CEILING ELECTRICAL. REFER TO MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS FOR EXTENT OF WORK.

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REDOCATION, CONVEYANCE, SALES, OR FOR PERMITS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

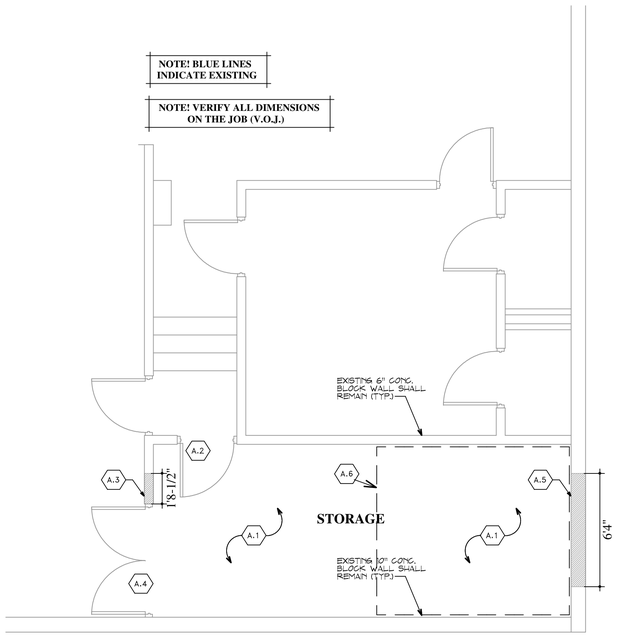
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

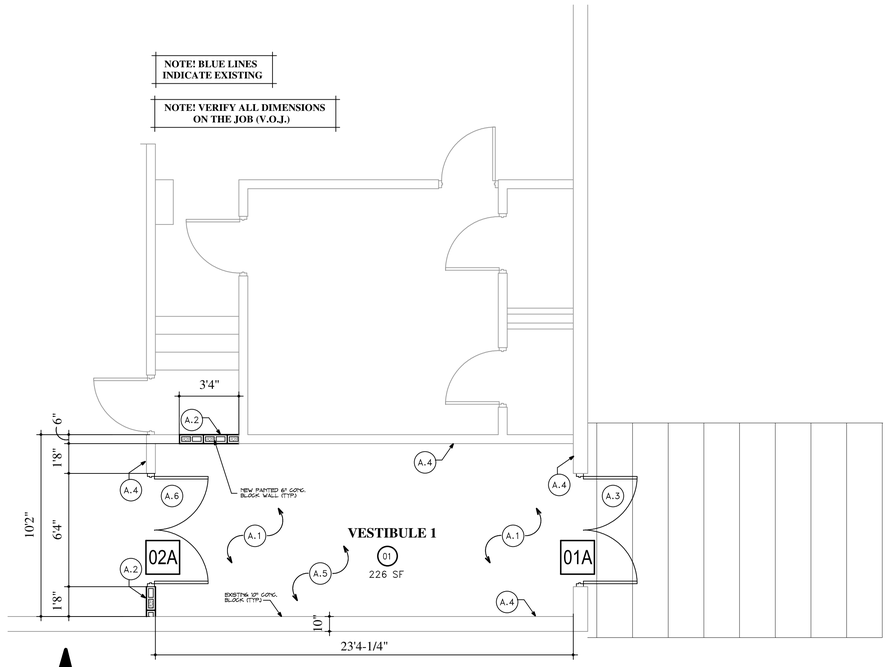
SHEET NO.
A-1.3



N

1 GYMNASIUM ENTRY VESTIBULE DEMOLITION PLAN:

1/4" = 1'0"
RE: 1A-1.1



N

2 GYMNASIUM ENTRY VESTIBULE RENOVATION PLAN:

1/4" = 1'0"
RE: 1A-1.1

3 DEMOLITION NOTES

RE:

- A.1 – AT EXISTING STORAGE ROOM, REMOVE ALL EXISTING VCT FLOOR TILE. PREPARE FLOOR TO RECEIVE NEW VCT FLOOR TILE.
- A.2 – AT EXISTING STORAGE ROOM, REMOVE EXISTING DOOR & PREPARE AREA TO FILL VOID IN CONC. BLOCK WALL WITH NEW CONCRETE BLOCK & MORTAR.
- A.3 – AT EXISTING STORAGE ROOM, REMOVE PORTION OF EXISTING CONCRETE BLOCK WALL AS REQUIRED FOR THE RELOCATION OF THE EXISTING DOOR AS INDICATED IN DEMOLITION PLAN. ALL EXISTING ELEMENTS TO REMAIN SHALL BE PROTECTED FROM ANY DAMAGE.
- A.4 – CONTRACTOR SHALL REMOVE EXISTING DOOR AND DEMOLISH ACCORDINGLY AS INDICATED ON PLANS.
- A.5 – AT EXISTING STORAGE ROOM, REMOVE PORTION OF EXISTING CONCRETE BLOCK WALL AS REQUIRED FOR THE INSTALLATION OF A NEW DOOR AS INDICATED IN THE RENOVATION PLAN. ALL EXISTING ELEMENTS TO REMAIN SHALL BE PROTECTED FROM ANY DAMAGE.
- A.6 – REMOVE AND DEMOLISH EXISTING WOOD–FRAMED STORAGE SHELF IN STORAGE AREA MOUNTED APPROXIMATELY 8'–0" A.F.F. PATCH WALLS AS REQUIRED TO RECEIVE FINAL FINISH.

4 RENOVATION NOTES:

RE:

- A.1 – AT NEW VESTIBULE 1, INSTALL NEW VCT IN PATTERN AS SHOWN IN DRAWING. (RE: SPECS.)
- A.2 – AT NEW VESTIBULE 1, FILL VOID IN CONC. BLOCK WALL WITH NEW CONCRETE BLOCK & MORTAR AS INDICATED IN RENOVATION PLAN.
- A.3 – AT NEW VESTIBULE 1, INSTALL NEW 6' WIDE x 7'0" HIGH MTL. DOORS & MTL. DOOR FRAMES, HARDWARE, ETC. (RE: DOOR SCHED.) NEW MTL. DOORS & MTL. DOOR FRAME SHALL BE PAINTED IN COLOR SELECTED BY THE OWNER.
- A.4 – PREPARE NEW AND PREVIOUSLY PAINTED SURFACES TO RECEIVE NEW PAINT (RE: SPECIFICATIONS) – PREPARE, PRIME, & REPAINT ALL EXISTING CONC. BLOCK WALLS, DOORS & FRAMES. PAINT COLORS SHALL BE SELECTED BY THE OWNER. (TYP.)
- A.5 – AT NEW VESTIBULE 1, INSTALL NEW SUSPENDED ACOUSTICAL CEILING TILE @ 9'0" ABOVE FINISH FLOOR.
- A.6 – AT NEW VESTIBULE 1, REINSTALL EXISTING 6' WIDE x 7'0" HIGH MTL. DOORS & MTL. DOOR FRAME, NEW HARDWARE, ETC. (RE: DOOR SCHED.) THE DOORS SHALL CHANGE SWING FROM EXISTING. MTL. DOORS & MTL. DOOR FRAME SHALL BE PAINTED IN COLOR SELECTED BY THE OWNER. EXISTING DOOR SHALL BE OUTFITTED WITH EGRESS HARDWARE.

5 ROOM FIN. SCHED. (GYMNASIUM)

General Notes:

1. Suspended acoustical ceilings in this area shall be over 1lb/SF and shall be tightly fitted into grid to resist the passage of smoke.

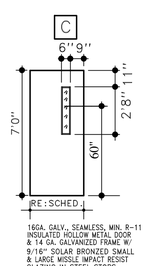
RM. NO.	SPACE	FLOOR	BASE	WALL	CEILING	CLG. HT.	REMARKS
01	VESTUBULE 1	V.C.T.	4" RUBBER	PAINTED CONCRETE BLOCK WALL	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	

6 DOOR SCHEDULE (GYMNASIUM)

General Notes:

MK. NO.	TYPE	HEIGHT	WIDTH	THICK	MATERIAL	FRAME	HEAD	JAMB	SILL	HWD. SET	REMARKS
01A	C	7'0"	3'0"(2)	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED & RECEIVES ACCESS CONTROL
02A	C	7'0"	3'0"(2)	1-3/4"	HOLLOW METAL	HOLLOW METAL					

7 DOOR TYPES



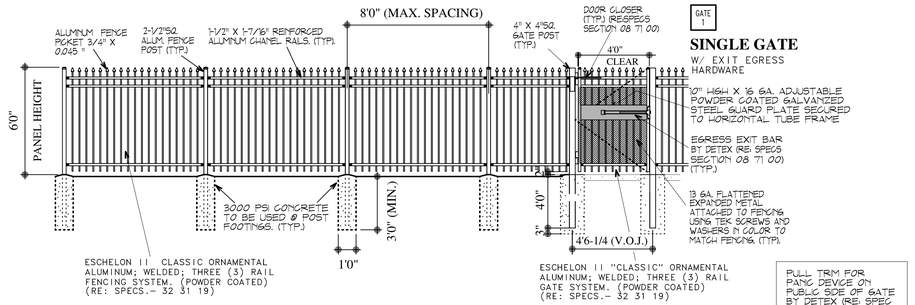
These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any violation is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

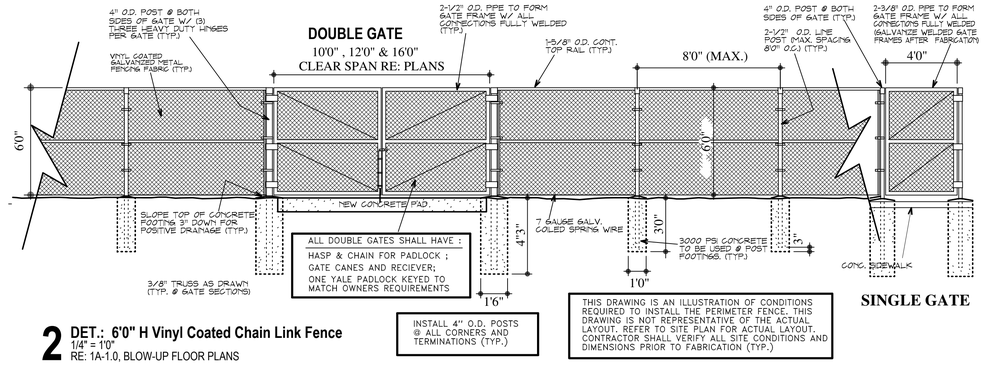
ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

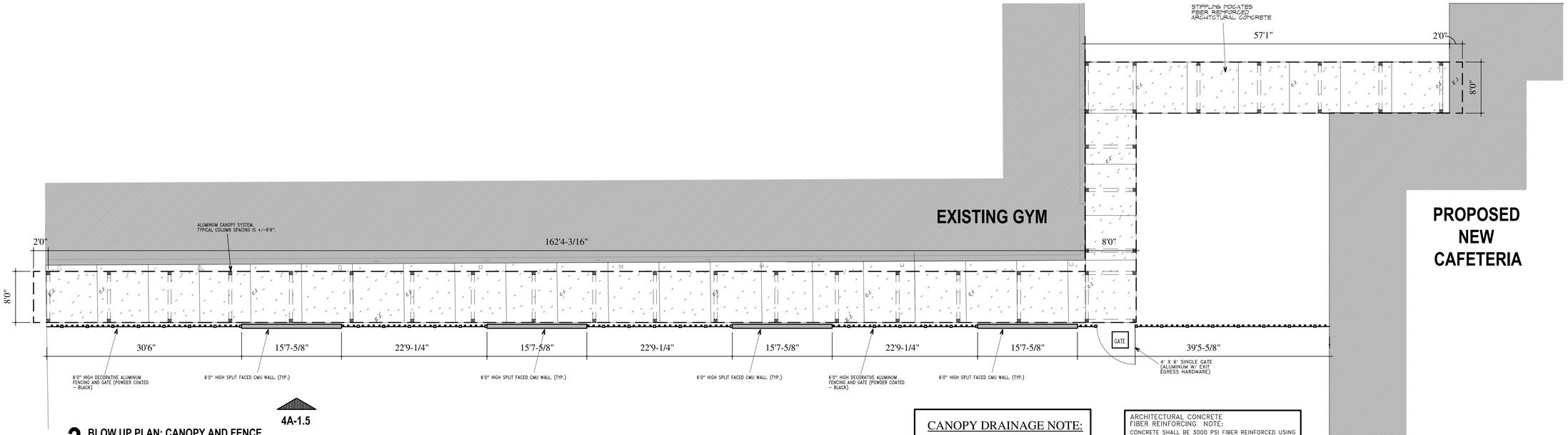
COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-1.4



1 **DET.: 6'0" High Ornamental Aluminum Fence System**
1/4" = 1'0"
RE: 1A-1.0



2 **DET.: 6'0" H Vinyl Coated Chain Link Fence**
1/4" = 1'0"
RE: 1A-1.0, BLOW-UP FLOOR PLANS

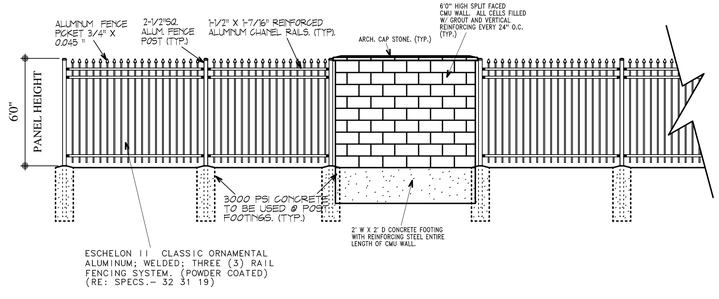


4A-1.5

3 **BLOW UP PLAN: CANOPY AND FENCE**
1/8" = 1'0"
RE: 1A-1.0

CANOPY DRAINAGE NOTE:
ALL CANOPY DRAINAGE DISCHARGE POINTS SHALL BE CONNECTED TO SUBSURFACE DRAINAGE SYSTEM (RE: CIVIL)

ARCHITECTURAL CONCRETE FIBER REINFORCING NOTE:
CONCRETE SHALL BE 3000 PSI FIBER REINFORCED USING 2-1/4" LONG FORTA MACRO/ STRUCTURAL SYNTHETIC TWISTED BUNDLE REINFORCEMENT AT 3 LBS/ CU. YD. (MIN.) CONTRACTOR SHALL FINISH SIDEWALKS SO THAT EXCESSIVE FIBERS ARE NOT EXPOSED ON THE WALKING SURFACE.



4 **DET.: 6'0" High Ornamental Aluminum Fence And CMU System**
1/4" = 1'0"
RE: 1A-1.0

These drawings are the property of Gossen-Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be liable.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

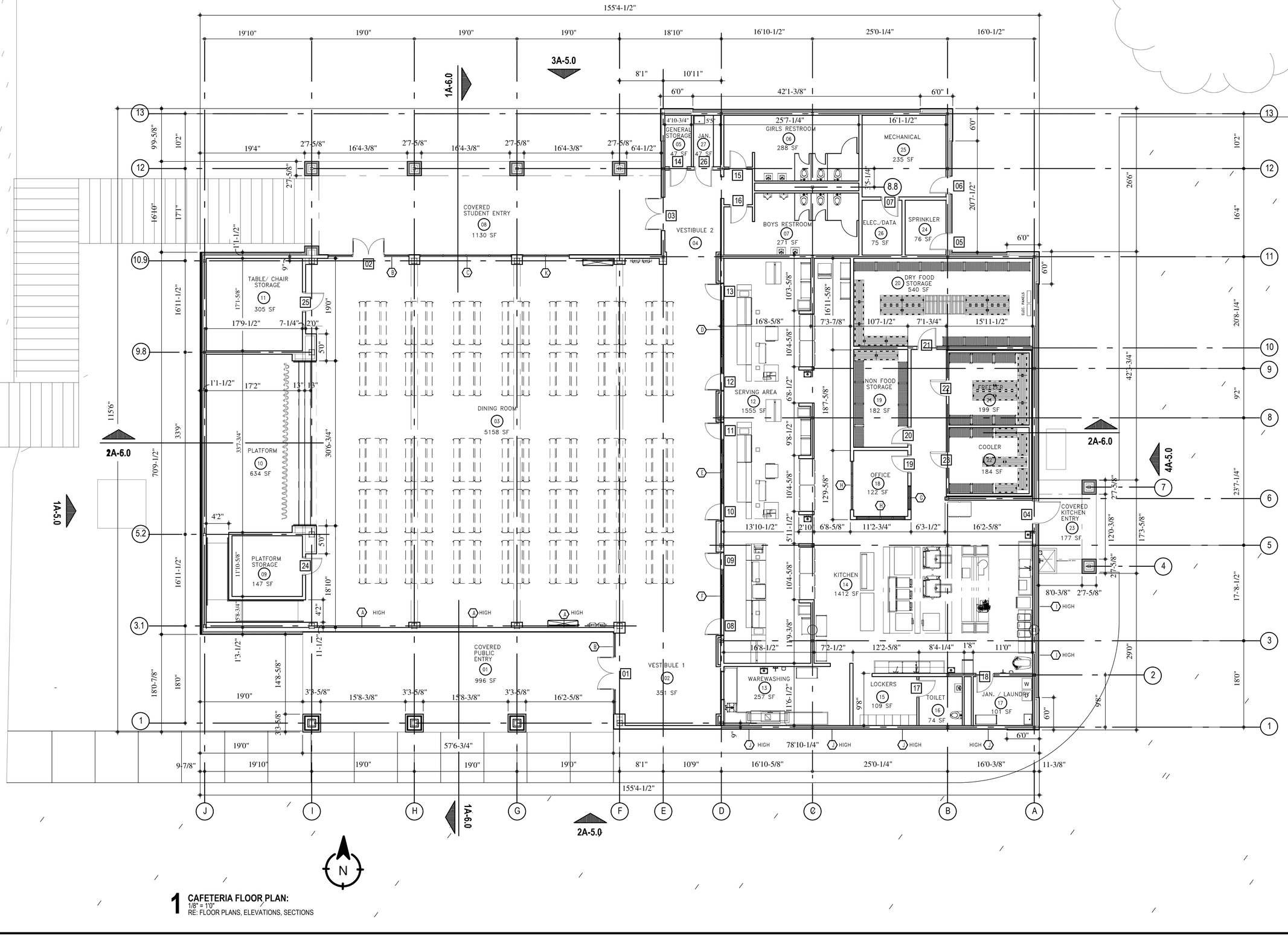
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-1.5



1 CAFETERIA FLOOR PLAN:
1/8" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.

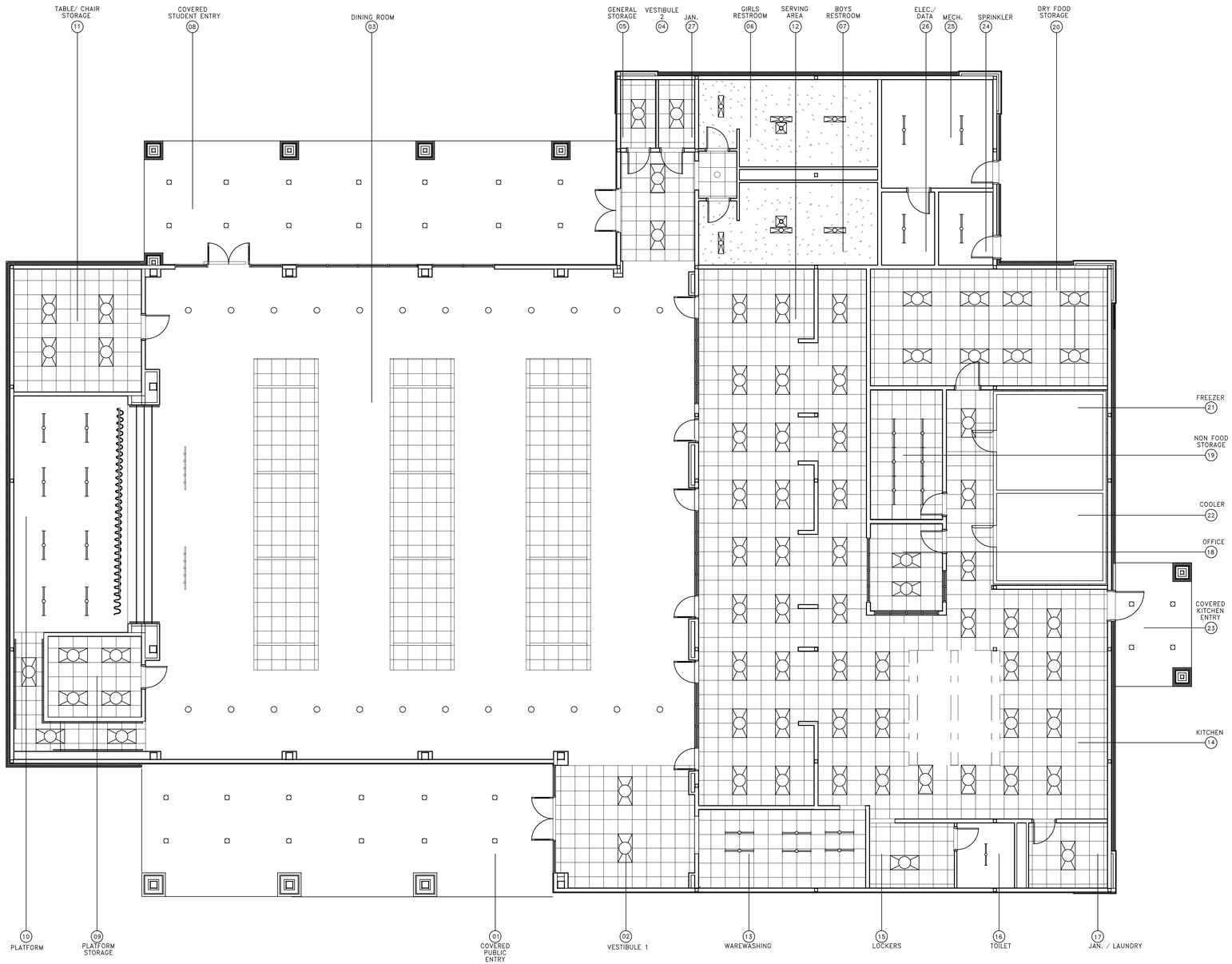
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25
REVISED:
DRAWN BY:
JPC
CHECKED BY:
JPC
PROJECT NO.
2408
SHEET NO.
A-2.0



1 CAFETERIA REFLECTED CEILING PLAN:

1/8" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

CEILING LEGEND:

- 2' X 2' SUSPENDED TEGULAR ACOUSTICAL CEILING TILE
- PAINTED GYPSUM BOARD ON DRYWALL CEILING SUSPENSION SYSTEM
- PAINTED ROOF DECK AND STRUCTURE
- 2' X 4' LAY-IN TROFFER RE: ELEC.
- 2' X 2' LAY-IN TROFFER RE: ELEC.
- 4' UTILITY LED FIXTURE RE: ELEC.
- 4' LINEAR LED FIXTURE RE: ELEC.
- 4' LED FIXTURE W/ LENS RE: ELEC
- DOWN LIGHT RE: ELEC.
- PENDANT LIGHT RE: ELECTRICAL

CEILING GENERAL NOTES:

1 – ALL FUR DOWNS SHALL EXTEND DOWN PAST THE PLANE OF THE CEILING A MINIMUM OF 6" UNLESS NOTED DIFFERENTLY ELSEWHERE IN THE DRAWINGS.

2 – ALL EXTERIOR SOFFITS SHALL BE LINEAR ALUMINUM PANELS ATTACHED TO A SUSPENDED CEILING SYSTEM RATED TO MEET OR EXCEED THE WIND LOADS AS DESCRIBED IN THESE DOCUMENTS.

3 – COORDINATE ALL TRADES PRIOR TO INSTALLING ANY ABOVE CEILING MECHANICAL PIPING OR ELECTRICAL CONDUIT. CEILING HEIGHTS INDICATED IN DOCUMENTS SHALL NOT BE LOWER THAN INDICATED. RE: MECH & ELEC.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, RECORDANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25

REVISED:

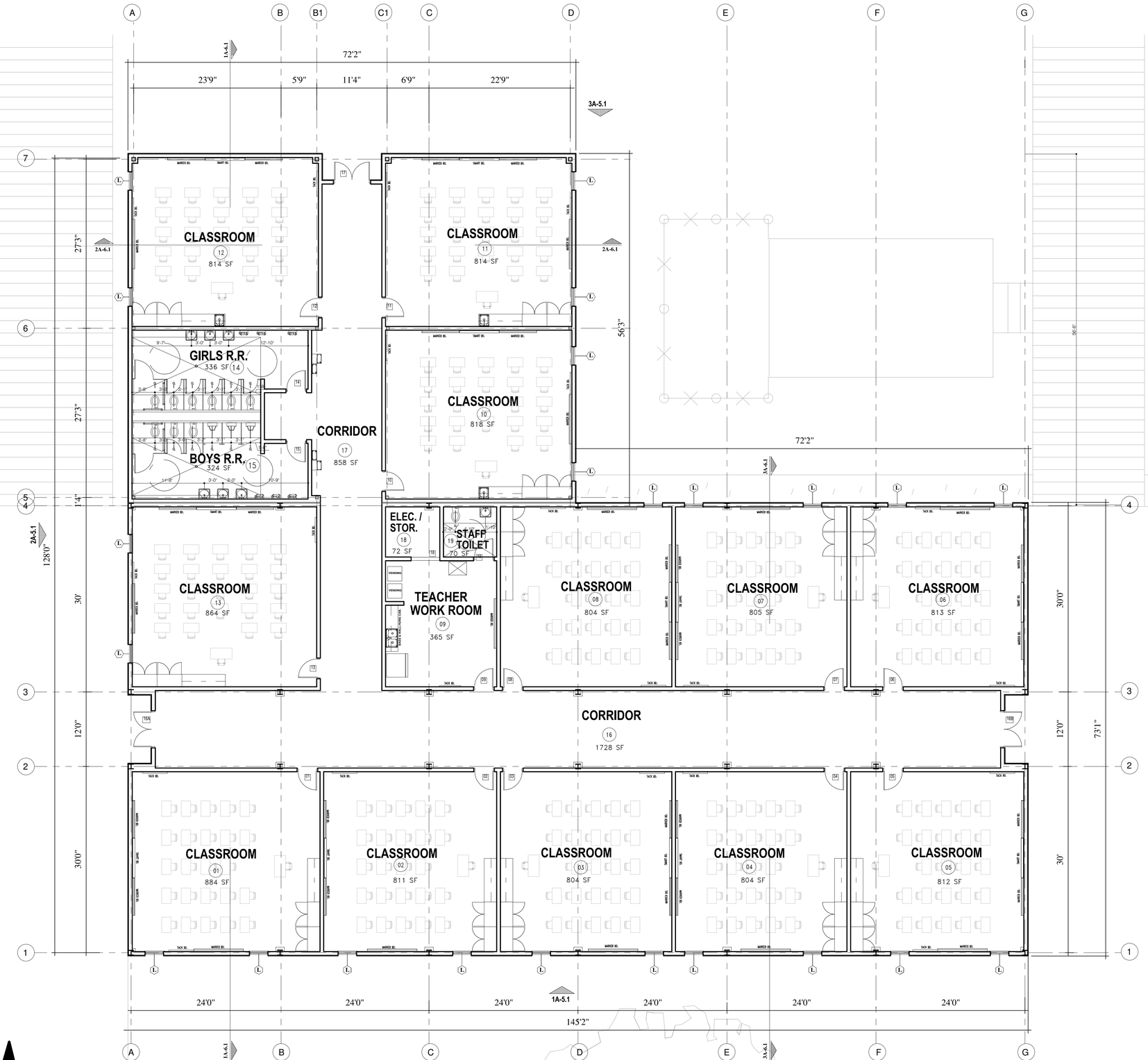
DRAWN BY: JPC

CHECKED BY: JPC

PROJECT NO. 2408

SHEET NO. A-2.1

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use shall be at user's risk.



1 CLASSROOM FLOOR PLAN:
1/8" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

Classroom Renovation = 10,524 SF
Classroom Addition = 4,118 SF

These drawings are the property of Gossen-Holloway-Cortez A/P/AC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use shall be liable.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

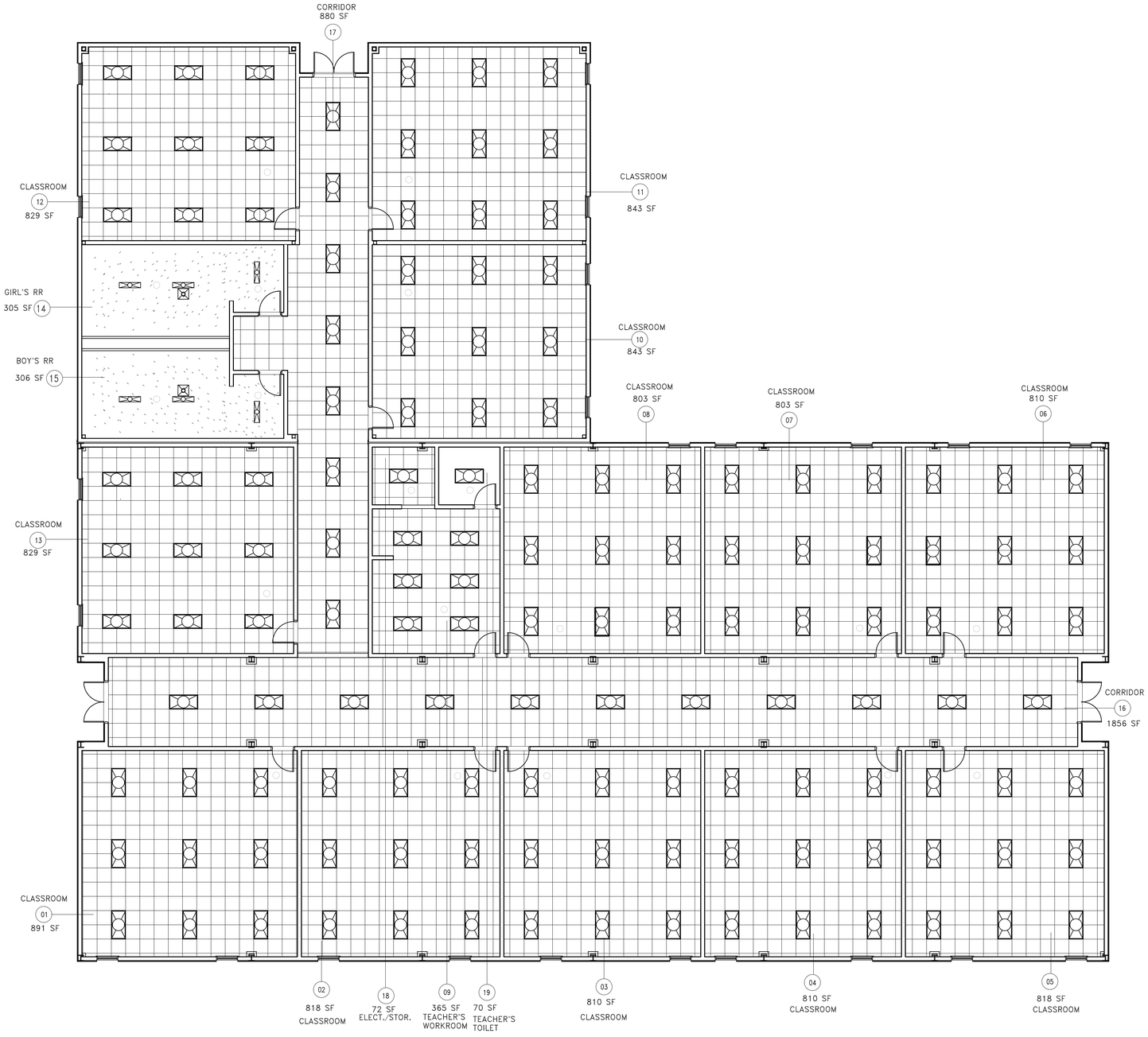
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-3.0



1 CAFETERIA FLOOR PLAN:
1/8" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

CEILING LEGEND:

- 2' X 2' SUSPENDED TEGULAR ACOUSTICAL CEILING TILE
- PAINTED GYPSUM BOARD ON DRYWALL CEILING SUSPENSION SYSTEM
- PAINTED ROOF DECK AND STRUCTURE
- 2' X 4' LAY-IN TROFFER RE: ELEC.
- 2' X 2' LAY-IN TROFFER RE: ELEC.
- 4' UTILITY LED FIXTURE RE: ELEC.
- 4' LINEAR LED FIXTURE RE: ELEC.
- 4' LED FIXTURE W/ LENS RE: ELEC
- DOWN LIGHT RE: ELEC.
- PENDANT LIGHT RE: ELECTRICAL

CEILING GENERAL NOTES:

1 – ALL FUR DOWNS SHALL EXTEND DOWN PAST THE PLANE OF THE CEILING A MINIMUM OF 6" UNLESS NOTED DIFFERENTLY ELSEWHERE IN THE DRAWINGS.

2 – ALL EXTERIOR SOFFITS SHALL BE LINEAR ALUMINUM PANELS ATTACHED TO A SUSPENDED CEILING SYSTEM RATED TO MEET OR EXCEED THE WIND LOADS AS DESCRIBED IN THESE DOCUMENTS.

3 – COORDINATE ALL TRADES PRIOR TO INSTALLING ANY ABOVE CEILING MECHANICAL PIPING OR ELECTRICAL CONDUIT. CEILING HEIGHTS INDICATED IN DOCUMENTS SHALL NOT BE LOWER THAN INDICATED. RE: MECH & ELEC.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-3.1

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.

1 ROOM FIN. SCHED. (CAFETERIA)

General Notes:
1. Suspended acoustical ceilings in this area shall be over 1lb/SF and shall be tightly fitted into grid to resist the passage of smoke.

RM. NO.	SPACE	FLOOR	BASE	WALL	CEILING	CLG. HT.	REMARKS
01	PUBLIC ENTRY PORCH	CONCRETE (BRM. FIN.)	COMPOSITE WALL PANEL	COMPOSITE WALL PANEL	PREFINISHED METAL SOFFIT	VARIES	
02	VESTUBULE 1	V.C.T.	6" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	10'0"	
03	DINING ROOM	V.C.T.	6" RUBBER BASE	PAINTED GYPSUM WALL BOARD	PAINTED METAL DECK/ STRUCTURE	VARIES	PAINT ALL EXPOSED STRUCT. STEEL
04	VESTIBULE 2	V.C.T.	6" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	10'0"	
05	GENERAL STORAGE	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
06	GIRL'S RESTROOM	PORCELAIN MOSAIC TILE	COVED PORCELAIN TILE	PORCELAIN TILE	PAINTED GYPSUM BOARD	10'0"	
07	BOY'S RESTROOM	PORCELAIN MOSAIC TILE	COVED PORCELAIN TILE	PORCELAIN TILE	PAINTED GYPSUM BOARD	10'0"	
08	STUDENT ENTRY PORCH	CONCRETE (BRM. FIN.)	COMPOSITE WALL PANEL	COMPOSITE WALL PANEL	PREFINISHED METAL SOFFIT	VARIES	
09	PLATFORM STORAGE	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
10	PLATFORM	STAINED HARDWOOD	7-1/4" STAINED WOOD	PAINTED GYPSUM WALL BOARD	PAINTED METAL DECK/ STRUCTURE	VARIES	PAINT ALL EXPOSED STRUCT. STEEL
11	TABLE / CHAIR STORAGE	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
12	SERVING AREA	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	9'0"	
13	WAREWASHING	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	9'0"	
14	KITCHEN	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	9'0"	
15	LOCKERS	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	8'0"	
16	STAFF TOILET	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	8'0"	
17	JANITOR / LAUNDRY	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	8'0"	ROOM FORMS 1HR. RATED ENCLOSURE
18	OFFICE	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 1)	8'0"	
19	NON-FOOD STORAGE	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	9'0"	
20	DRY FOOD STORAGE	QUARRY TILE	COVED QUARRY TILE	F.R.P. OVER GYP. BOARD	SUSP. ACOUST. CLG. (TYPE 2)	9'0"	
21	FREEZER	QUARRY TILE	S.S. WALL PANEL	S.S. FABRICATION	S.S. FABRICATION	8'0"	
22	COOLER	QUARRY TILE	S.S. WALL PANEL	S.S. FABRICATION	S.S. FABRICATION	8'0"	
23	KITCHEN PORCH	CONCRETE (BRM. FIN.)	SEALED FACE BRICK	SEALED FACE BRICK	PREFINISHED METAL SOFFIT	10'0"	
24	SPRINKLER	CONCRETE (SEALED)	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	PAINTED METAL DECK/ STRUCTURE	+/-12'0"	ROOM FORMS 1HR. RATED ENCLOSURE
25	MECHANICAL	CONCRETE (SEALED)	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	PAINTED METAL DECK/ STRUCTURE	+/-12'0"	
26	ELECTRICAL / DATA	CONCRETE (SEALED)	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	PAINTED METAL DECK/ STRUCTURE	+/-12'0"	
27	JANITOR	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	

2 DOOR SCHEDULE (CAFETERIA)

General Notes:

MK. NO.	TYPE	HEIGHT	WIDTH	THICK	MATERIAL	FRAME	HEAD	JAMB	SILL	HWD. SET	REMARKS
01	A	7'0"	3'0" (2)	1-3/4"	ALUMINUM	ALUMINUM	0A-0.0	0A-0.0	0A-0.0		
02	A	7'0"	3'0" (2)	1-3/4"	ALUMINUM	ALUMINUM					
03	A	7'0"	3'0" (2)	1-3/4"	ALUMINUM	ALUMINUM					
04	C	7'0"	4'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
05	D	7'0"	3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
06	D	7'0"	3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
07	E	7'0"	3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					
08	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
09	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
10	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
11	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
12	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
13	B	7'0"	3'0"	1-3/4"	ALUMINUM	ALUMINUM					
14	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
15	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
16	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
17	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
18	G	7'0"	3'0"	1-3/4"	COMP. CORE WOOD	HOLLOW METAL					THIS DOOR IS FIRE RATED
19	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
20	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
21	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
22											RE: FOOD SERVICE EQUIPMENT FOR ADDITIONAL INFO.
23											RE: FOOD SERVICE EQUIPMENT FOR ADDITIONAL INFO.
24	G	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					THIS DOOR IS FIRE RATED
25	G	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					THIS DOOR IS FIRE RATED
26	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					

3 ROOM FIN. SCHED. (CLASSROOM BLDG.)

General Notes:
1. Suspended acoustical ceilings in this area shall be over 1lb/SF and shall be tightly fitted into grid to resist the passage of smoke.

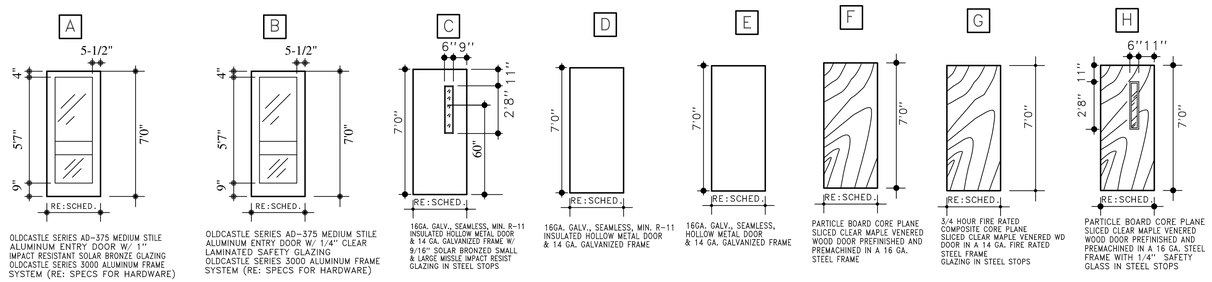
RM. NO.	SPACE	FLOOR	BASE	WALL	CEILING	CLG. HT.	REMARKS
01	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
02	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
03	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
04	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
05	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
06	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
07	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
08	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
09	TEACHER'S WORKROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
10	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	10'0"	
11	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	10'0"	
12	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	10'0"	
13	CLASSROOM	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
14	GIRL'S RESTROOM	EPOXY	COVE EPOXY 8"	F.R.P. OVER GYPSUM WALLBOARD	PAINTED GYPSUM BOARD	9'0"	ALL GYP. BD. SHALL BE MOISTURE RESISTANT.
15	BOY'S RESTROOM	EPOXY	COVE EPOXY 8"	F.R.P. OVER GYPSUM WALLBOARD	PAINTED GYPSUM BOARD	9'0"	ALL GYP. BD. SHALL BE MOISTURE RESISTANT
16	CORRIDOR 1	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	RATED GYP BOARD CLG. ABOVE SUSP. ACOUS.
17	CORRIDOR 2	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	RATED GYP BOARD CLG. ABOVE SUSP. ACOUS.
18	ELECTRICAL	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	
19	STAFF TOILET	V.C.T.	4" RUBBER BASE	PAINTED GYPSUM WALL BOARD	SUSP. ACOUST. CLG. (TYPE 1)	9'0"	

4 DOOR SCHEDULE (CLASSROOM BLDG.)

General Notes:

MK. NO.	TYPE	HEIGHT	WIDTH	THICK	MATERIAL	FRAME	HEAD	JAMB	SILL	HWD. SET	REMARKS
01	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL	0A-0.0	0A-0.0	0A-0.0		
02	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
03	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
04	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
05	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
06	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
07	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
08	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
09	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
10	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
11	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
12	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
13	H	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
14	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
15	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					
16/A	C	7'0"	(2) 3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
16/B	C	7'0"	(2) 3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
17	C	7'0"	(2) 3'0"	1-3/4"	HOLLOW METAL	HOLLOW METAL					THIS DOOR IS INSULATED
18		CASED OPENING									
19	F	7'0"	3'0"	1-3/4"	S.C. WOOD	HOLLOW METAL					

5 DOOR TYPES



A: OLDCASTLE SERIES AD-375 MEDIUM STILE ALUMINUM ENTRY DOOR W/ 1" IMPACT RESISTANT SOLAR BRONZE GLAZING OLDCASTLE SERIES 3000 ALUMINUM FRAME SYSTEM (RE: SPECS FOR HARDWARE)

B: OLDCASTLE SERIES AD-375 MEDIUM STILE ALUMINUM ENTRY DOOR W/ 1/4" CLEAR LAMINATED SAFETY GLAZING OLDCASTLE SERIES 3000 ALUMINUM FRAME SYSTEM (RE: SPECS FOR HARDWARE)

C: 16GA. GALV., SEAMLESS, MIN. R-11 INSULATED HOLLOW METAL DOOR & 14 GA. GALVANIZED FRAME W/ 9/16" SOLAR BRONZED SMALL & LARGE MISSLE IMPACT RESIST GLAZING IN STEEL STOPS

D: 16GA. GALV., SEAMLESS, MIN. R-11 INSULATED HOLLOW METAL DOOR & 14 GA. GALVANIZED FRAME

E: 16GA. GALV., SEAMLESS, HOLLOW METAL DOOR & 14 GA. GALVANIZED FRAME

F: PARTICLE BOARD CORE PLANE SLICED CLEAR MAPLE VENERED WOOD DOOR PREFINISHED AND PREMACHINED IN A 16 GA. STEEL FRAME

G: 3/4 HOUR FIRE RATED COMPOSITE CORE PLANE SLICED CLEAR MAPLE VENERED WD DOOR IN A 14 GA. FIRE RATED STEEL FRAME GLAZING IN STEEL STOPS

H: PARTICLE BOARD CORE PLANE SLICED CLEAR MAPLE VENERED WOOD DOOR PREFINISHED AND PREMACHINED IN A 16 GA. STEEL FRAME WITH 1/4" SAFETY GLASS IN STEEL STOPS

These drawings are the property of Gossen-Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25

REVISED:

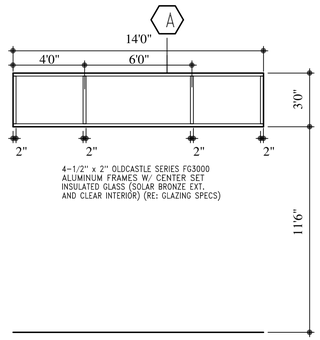
DRAWN BY: JPC

CHECKED BY: JPC

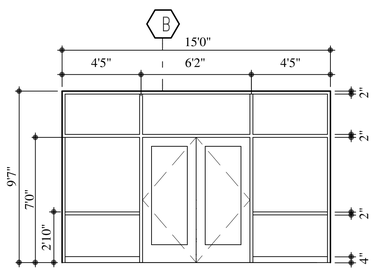
PROJECT NO. 2408

SHEET NO. A-4.0

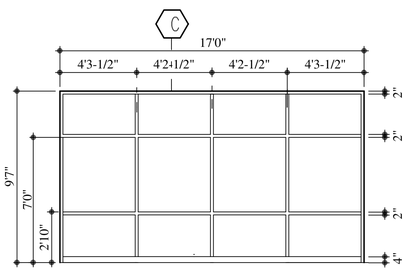
1 WINDOW SCHEDULE



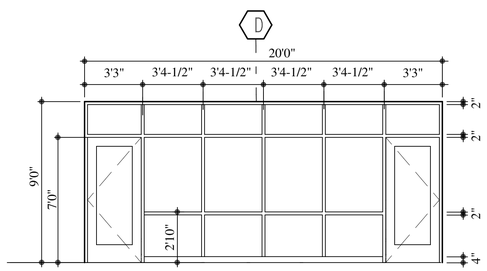
4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



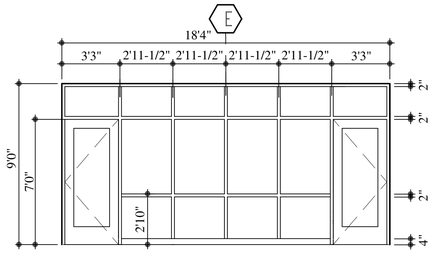
4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



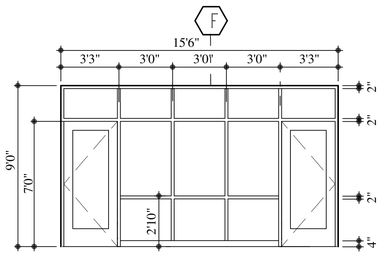
4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



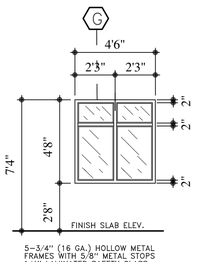
OLDCASTLE 1-3/4" X 4-1/2" CENTER SET
FG2000 SERIES ALUMINUM STOREFRONT
SYSTEM WITH CLEAR ANODIZED FINISH
(CLEAR 1/4" LAMINATED SAFETY GLASS)
(RE: GLAZING SPECS)



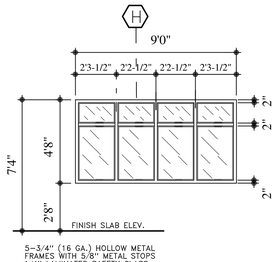
OLDCASTLE 1-3/4" X 4-1/2" CENTER SET
FG2000 SERIES ALUMINUM STOREFRONT
SYSTEM WITH CLEAR ANODIZED FINISH
(CLEAR 1/4" LAMINATED SAFETY GLASS)
(RE: GLAZING SPECS)



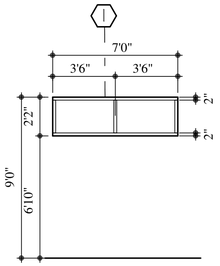
OLDCASTLE 1-3/4" X 4-1/2" CENTER SET
FG2000 SERIES ALUMINUM STOREFRONT
SYSTEM WITH CLEAR ANODIZED FINISH
(CLEAR 1/4" LAMINATED SAFETY GLASS)
(RE: GLAZING SPECS)



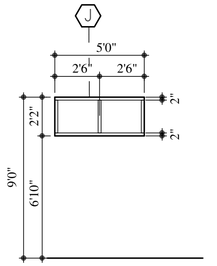
5-3/4" (16 GA.) HOLLOW METAL
FRAMES WITH 5/8" METAL STOPS
1/4" LAMINATED SAFETY GLASS
RE: NOTES



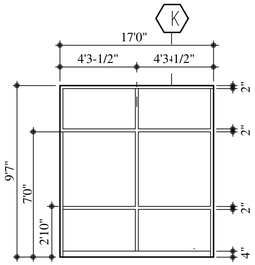
5-3/4" (16 GA.) HOLLOW METAL
FRAMES WITH 5/8" METAL STOPS
1/4" LAMINATED SAFETY GLASS
RE: NOTES



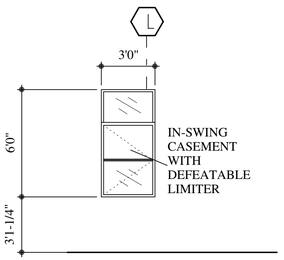
4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



4-1/2" x 2" OLDCASTLE SERIES FG3000
ALUMINUM FRAMES W/ CENTER SET
INSULATED GLASS (SOLAR BRONZE EXT.
AND CLEAR INTERIOR) (RE: GLAZING SPECS)



PEERLESS ARCHITECTURAL WINDOWS SERIES 600 FIXED
AND INSWING CASEMENT WINDOWS W/ METALIC POWDER
FINISH. (10 YR. WINDOW WARRANTY; 20 YR. FINISH WARRANTY)
GLAZING SHALL BE 1" DOUBLE INSULATED;
LOW - E COATED; SOLAR GREY. (20 YR. GLASS WARRANTY)
OPERABLE WINDOWS SHALL HAVE CONCEALED HINGES,
DEFEATABLE LIMIT LEVER AND SIMULATED DIVIDED LITES.
ALL TRIMS NECESSARY FOR A COMPLETE
WEATHER TIGHT INSTALL SHALL BE PROVIDED BY THE WINDOW
MANUFACTURER. CAULK USING SEALANT APPROVED BY THE WINDOW
MANUFACTURER. (TYP.)

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be subject to litigation.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

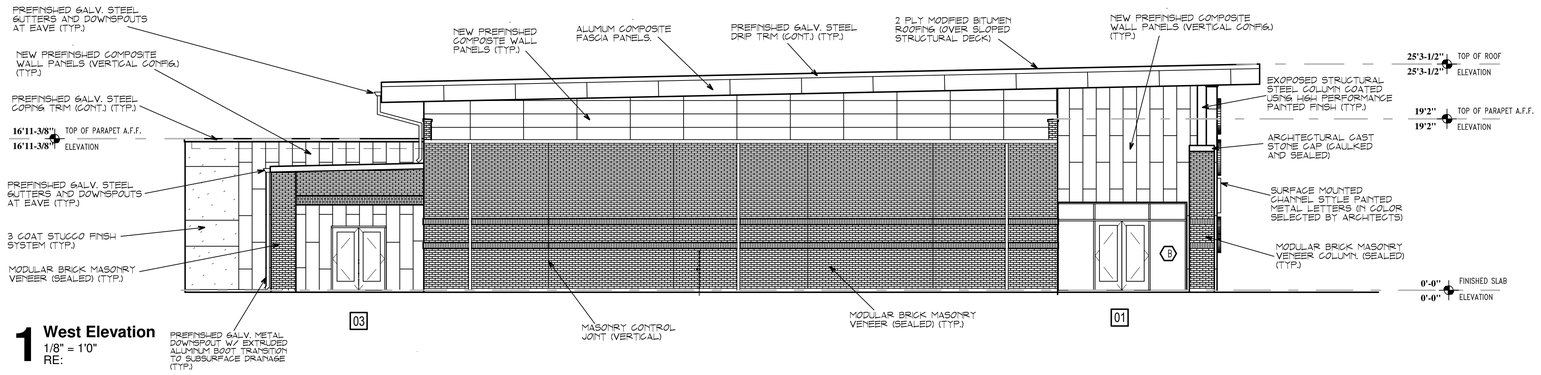
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

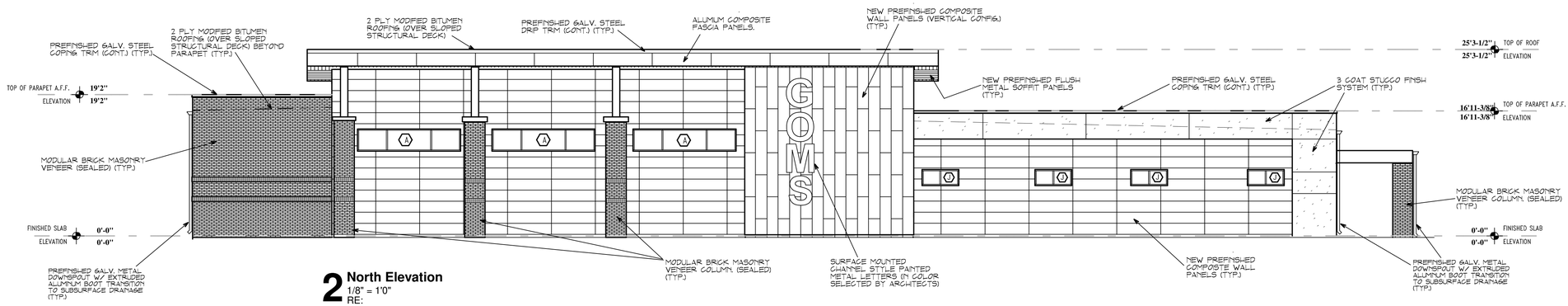
SHEET NO.
A-4.1



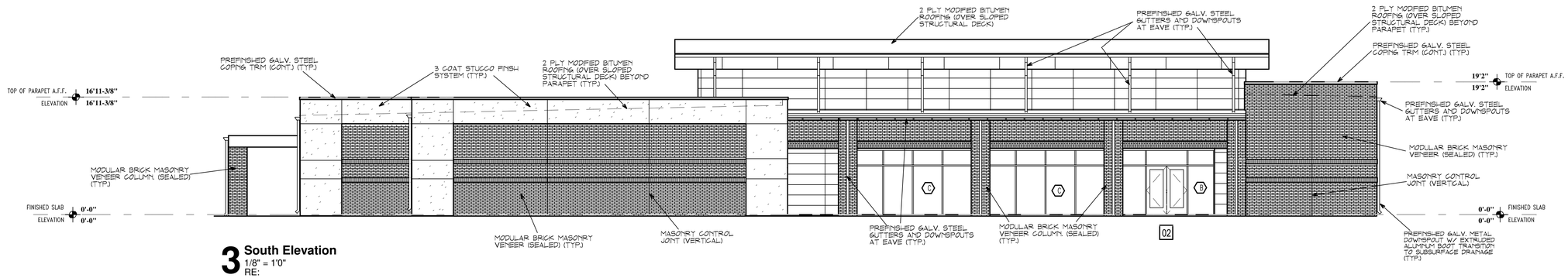
1 West Elevation
1/8" = 1'0"
RE:

NEW PREFINISHED COMPOSITE IN VERTICAL CONFIGURATION WILL UTILIZE 3 CUSTOM COLORS IN A RANDOM PATTERN

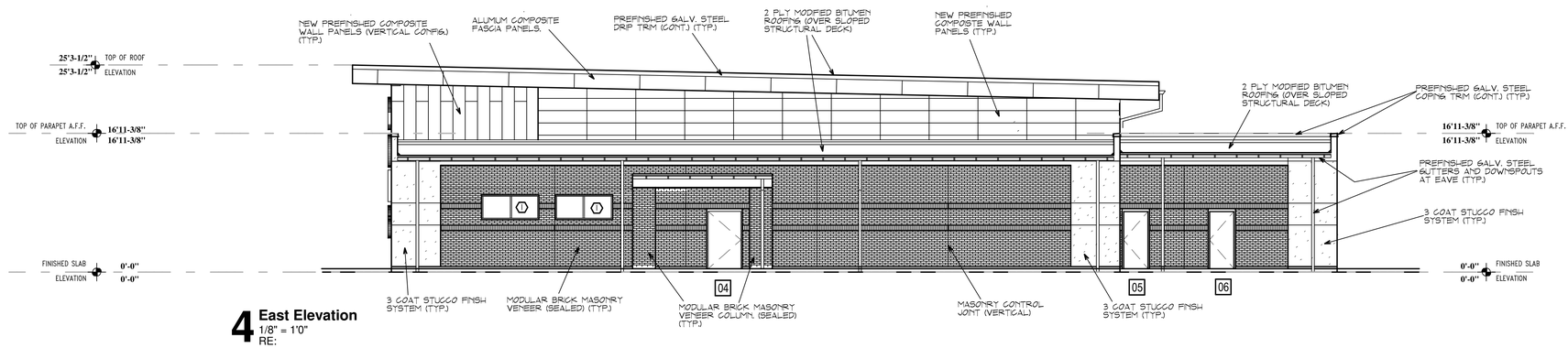
NEW PREFINISHED COMPOSITE IN HORIZONTAL CONFIGURATION WHALL BE A SINGLE STANDARD COLOR.



2 North Elevation
1/8" = 1'0"
RE:



3 South Elevation
1/8" = 1'0"
RE:



4 East Elevation
1/8" = 1'0"
RE:

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prohibited.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

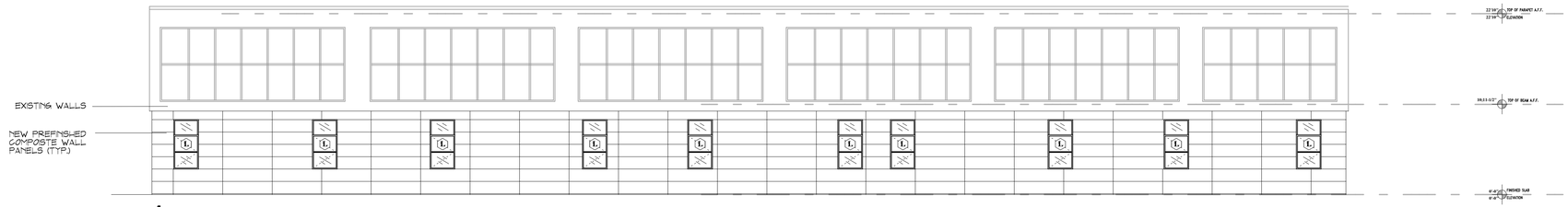
REVISED:

DRAWN BY:
JPC

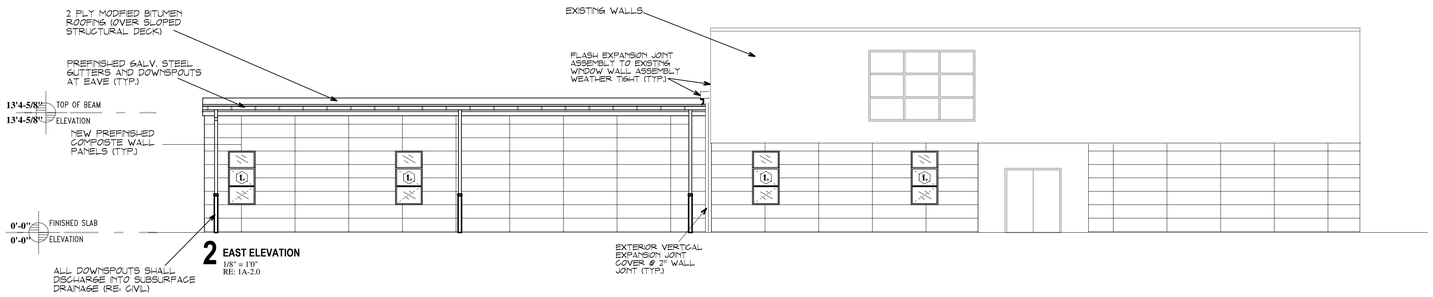
CHECKED BY:
JPC

PROJECT NO.
2408

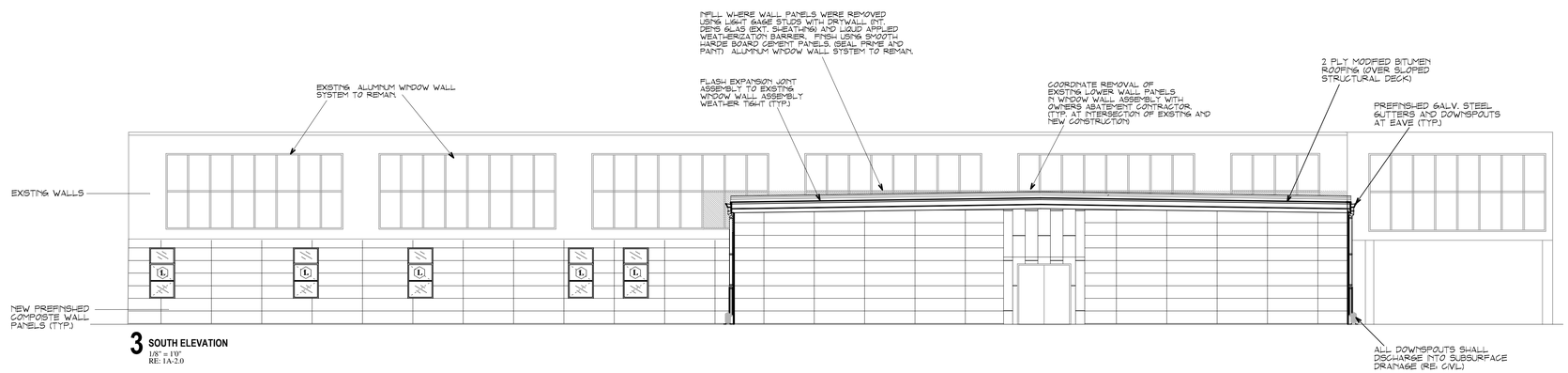
SHEET NO.
A-5.0



1 NORTH ELEVATION
1/8" = 1'0"
RE: 1A-2.0



2 EAST ELEVATION
1/8" = 1'0"
RE: 1A-2.0



3 SOUTH ELEVATION
1/8" = 1'0"
RE: 1A-2.0

These drawings are the property of Gossen-Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use shall be at user's risk.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REGISTRATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

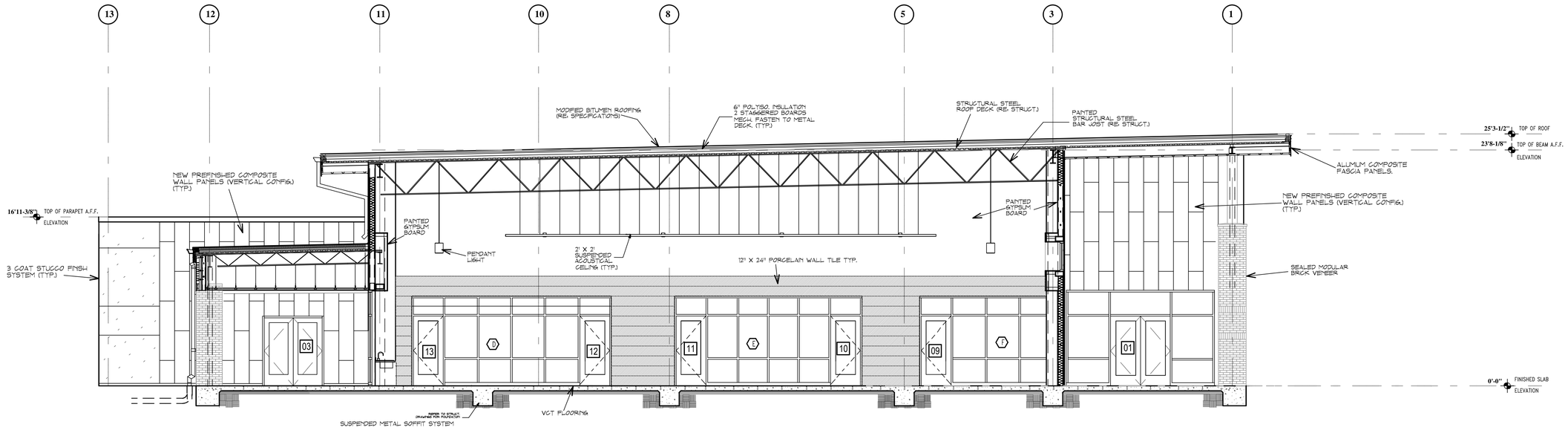
REVISED:

DRAWN BY:
JPC

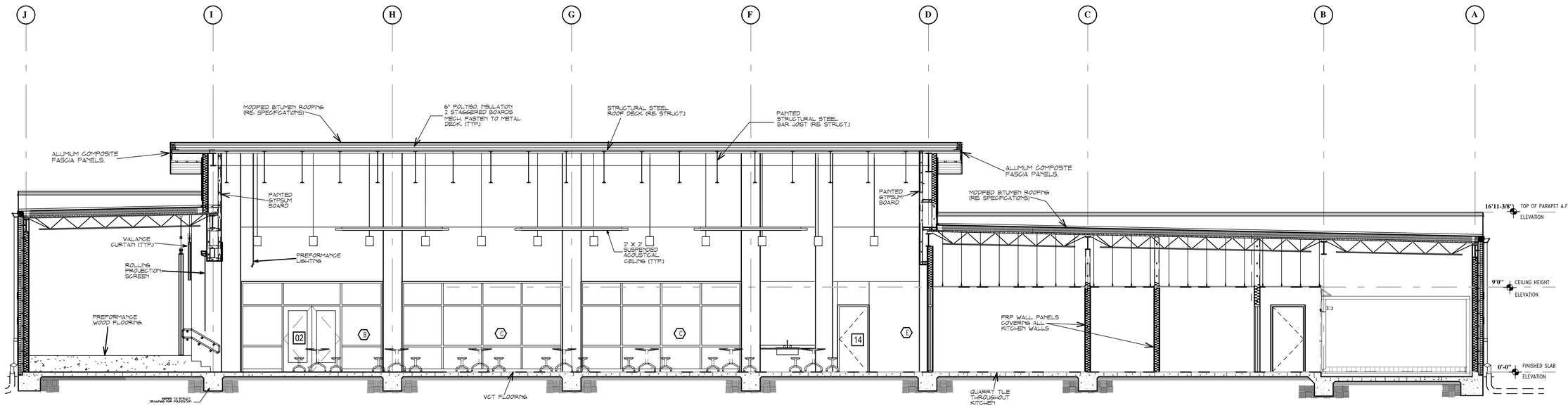
CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
A-5.1



1 Cafeteria Building Section:
3/16" = 1'0"
RE: 1A-2.0



2 Cafeteria Building Section:
3/16" = 1'0"
RE: 1A-2.0

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REDDICATION, CONVEYANCE, SALES, OR ANY OTHER THIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

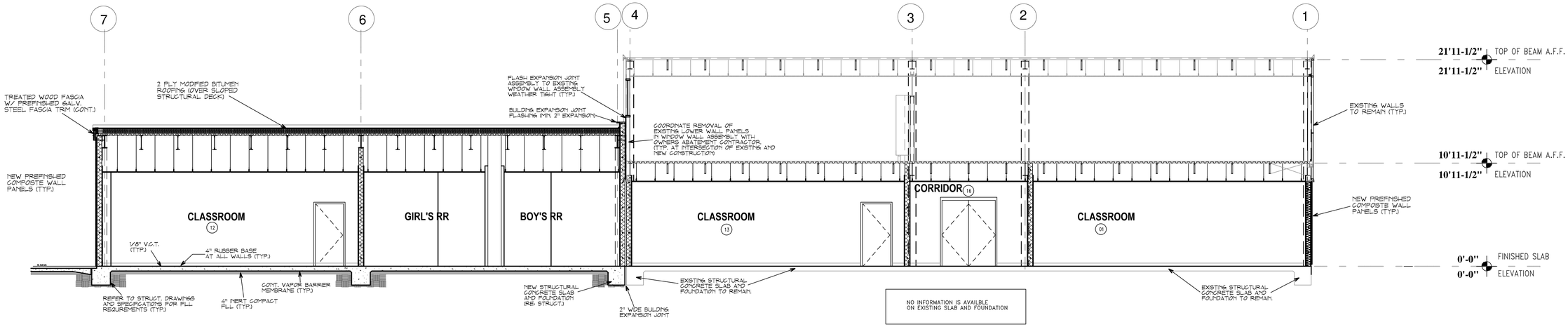
REVISED:

DRAWN BY:
JPC

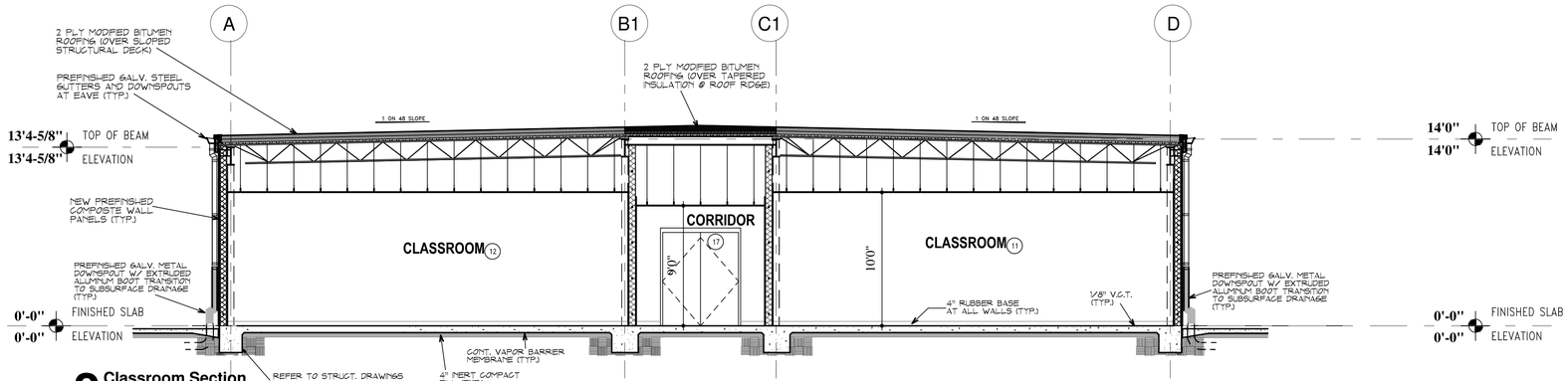
CHECKED BY:
JPC

PROJECT NO.
2408

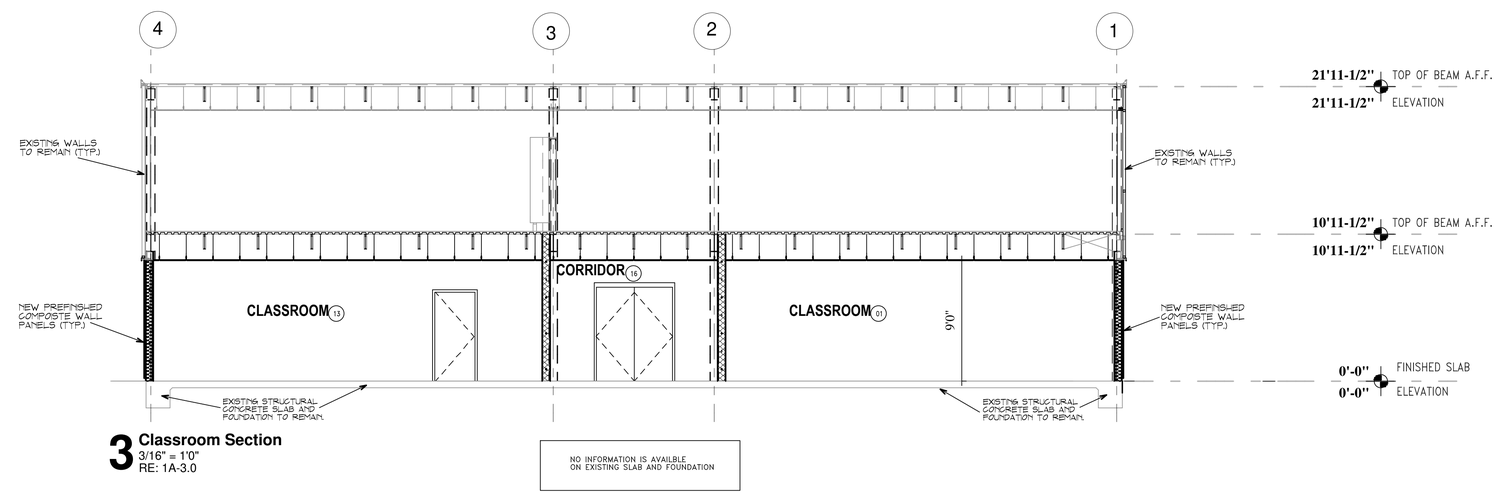
SHEET NO.
A-6.0



1 Classroom Section
3/16" = 1'0"
RE: 1A-3.0



2 Classroom Section
3/16" = 1'0"
RE: 1A-3.0



3 Classroom Section
3/16" = 1'0"
RE: 1A-3.0

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be prosecuted.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

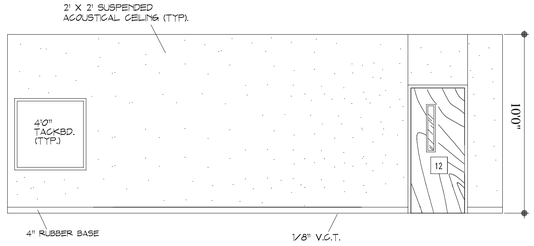
REVISED:

DRAWN BY:
JPC

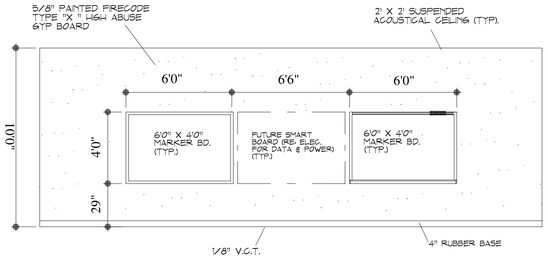
CHECKED BY:
JPC

PROJECT NO.
2408

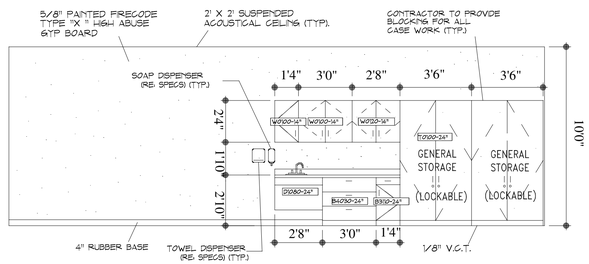
SHEET NO.
A-6.1



1 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
10 11 12
OPP. HND. OPP. HND.

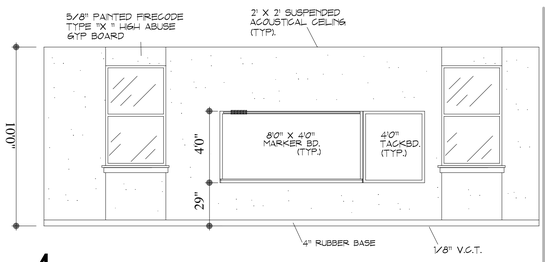


2 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
10 11 12

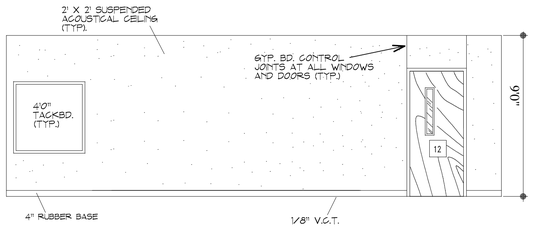


3 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
10 11 12

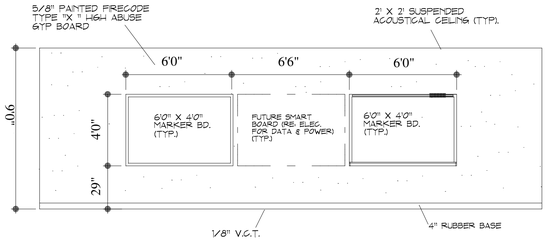
CASEWORK #'S AS INDICATED ON DRAWINGS ARE CASE SYSTEM #'S. ALL CASEWORK IS TO MATCH OR EXCEED THESE STANDARDS.



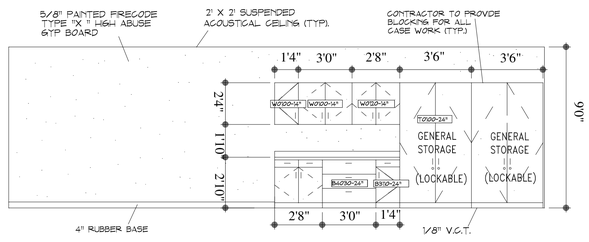
4 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
12



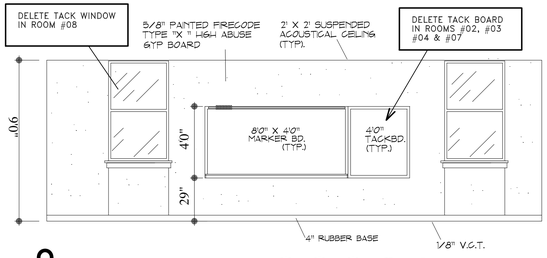
5 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
01 02 03 04 05
OPP. HND. OPP. HND.
06 07 08 13
OPP. HND.



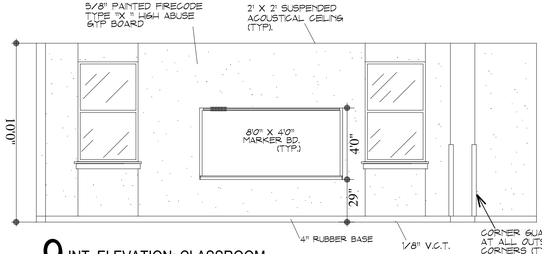
6 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
01 02 03 04 05
06 07 08 13



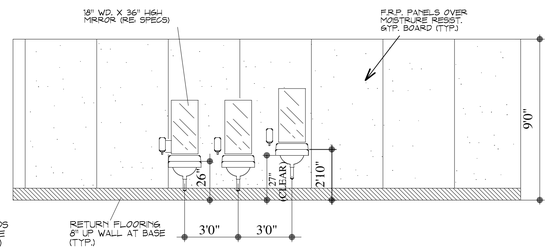
7 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
01 02 03 04 05
OPP. HND. OPP. HND.
06 07 08 13
OPP. HND.



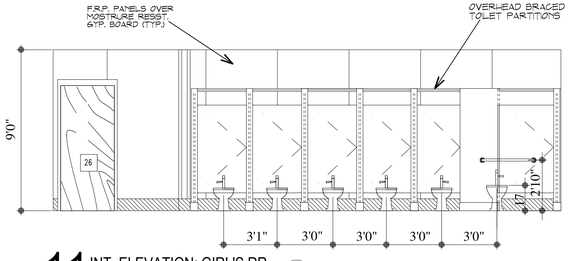
8 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
01 02 03 04 05
06 07 08 13



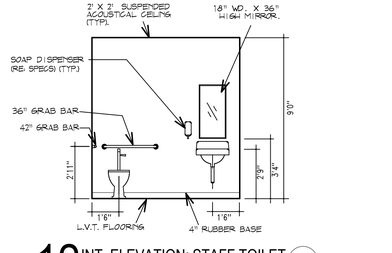
9 INT. ELEVATION: CLASSROOM
1/4" = 1'0"
RE: FLOOR PLANS
05



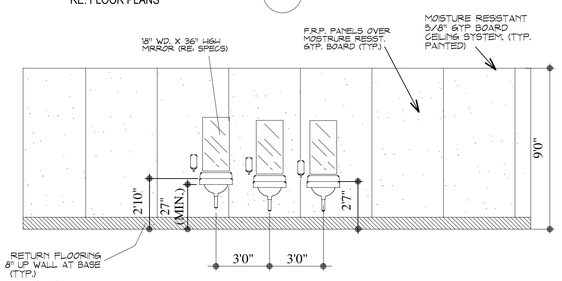
10 INT. ELEVATION: GIRL'S RR
1/4" = 1'0"
RE: FLOOR PLANS
14



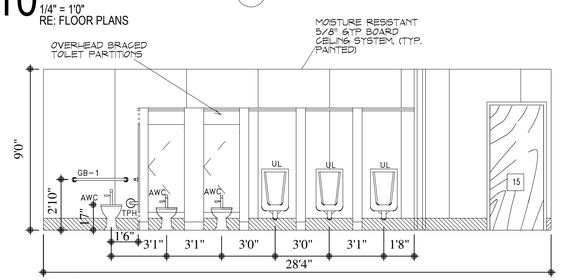
11 INT. ELEVATION: GIRL'S RR
1/4" = 1'0"
RE: FLOOR PLANS
14



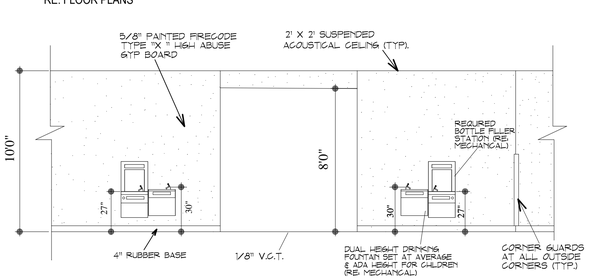
12 INT. ELEVATION: STAFF TOILET
1/4" = 1'0"
RE: FLOOR PLANS
19



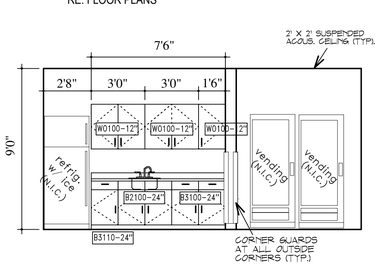
13 INT. ELEVATION: BOY'S RR
1/4" = 1'0"
RE: FLOOR PLANS
15



14 INT. ELEVATION: BOY'S RR
1/4" = 1'0"
RE: FLOOR PLANS
15



15 INT. ELEVATION: CORRIDOR 17
1/4" = 1'0"
RE: FLOOR PLANS



16 INT. ELEVATION: TEACHER WORK ROOM
1/4" = 1'0"
RE: FLOOR PLANS
09

CASEWORK #'S AS INDICATED ON DRAWINGS ARE CASE SYSTEM #'S. ALL CASEWORK IS TO MATCH OR EXCEED THESE STANDARDS.

These drawings are the property of Gossen Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be litigated.

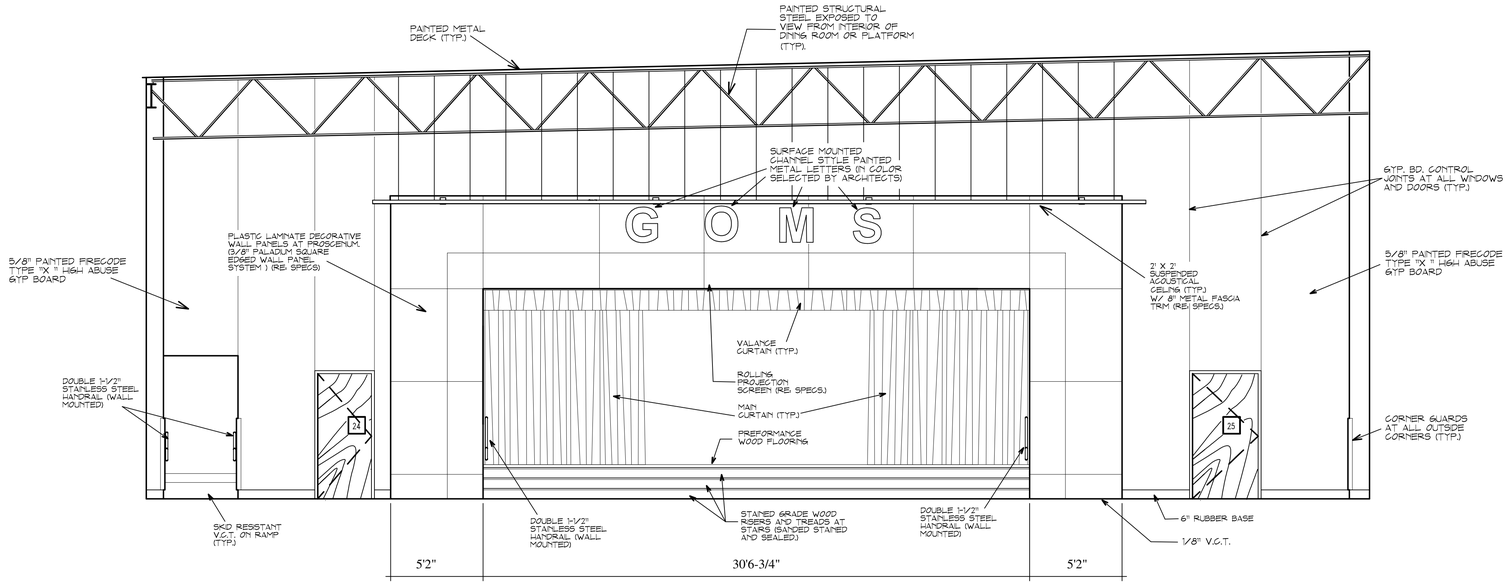
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-8.0



1 INT. ELEVATION: PLATFORM
1/4" = 1'0"
RE: FLOOR PLANS (03)

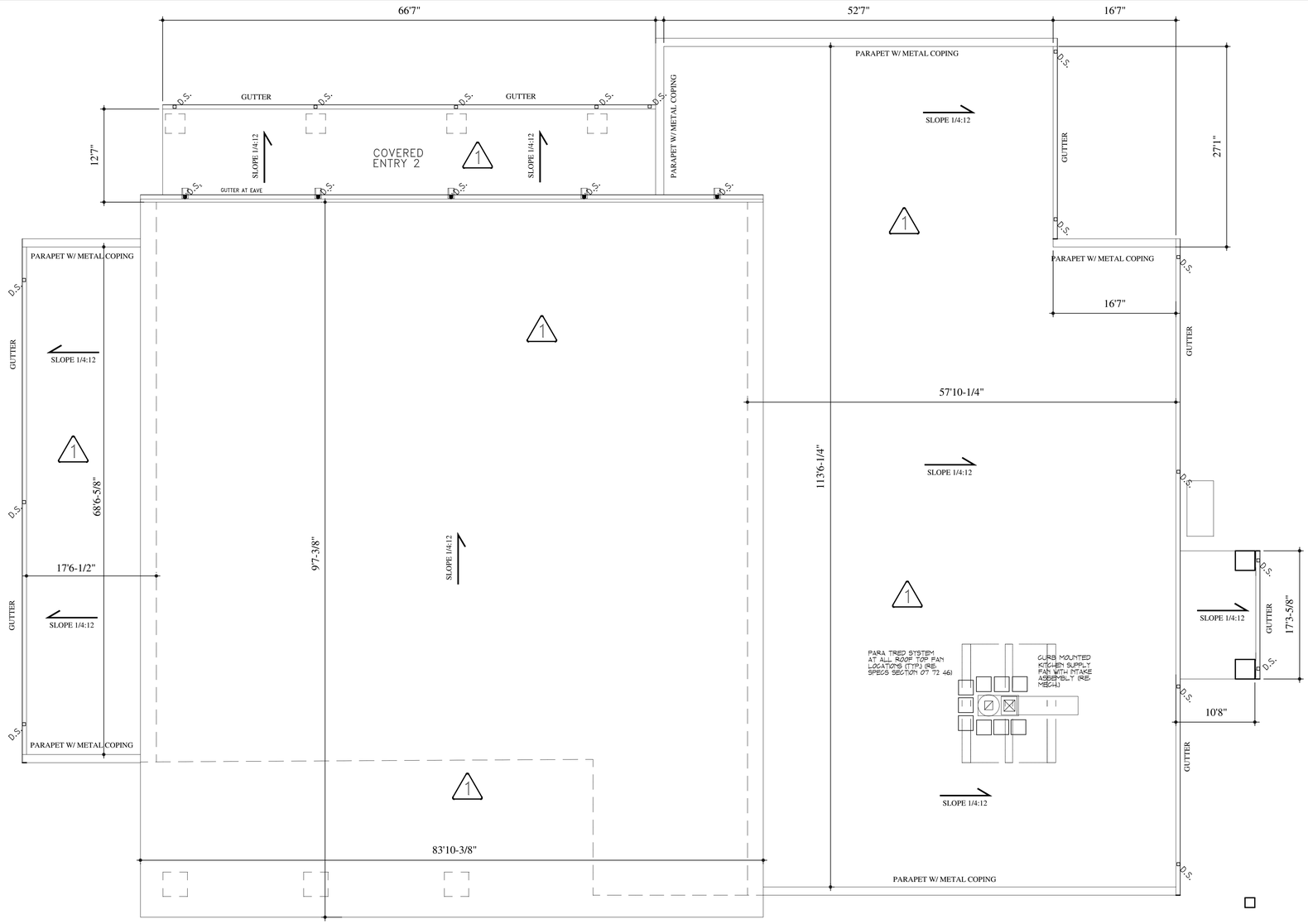
These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use shall be held liable.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985.447.9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-8.1



1 OVERALL ROOF PLAN:
1' = 1/8"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

NOTE: All down spouts with the exception of the ones located on the high roof discharging on the lower roof will be required to be connected to the sub surface drainage system.

2 DESIGN WIND LOADS

DESIGN LOADS (IBC)

1. WIND LOADS:
   a. Design pressures will be based on the following:
      1. Basic Wind Speed – 131 MPH (V ult)
      2. Exposure Catagory – B
      3. Importance Factor – 1.0 (CATAGORY III)
      4. Enclosure Classification – Enclosed
2. MINIMUM DEAD & LIVE LOADS:
   a. Minimum Dead Loads
      1. Minimum Roof Dead Load – 20 psf
      2. Minimum roof Live Load – 20 psf
   b. Minimum Live Loads – (as per IBC Table 1607.1)
   c. Minimum Concentrated Loads – (as per IBC Table 1607.1)
   d. Roof Live Loads – 20 psf (IBC: 1607.11.2)

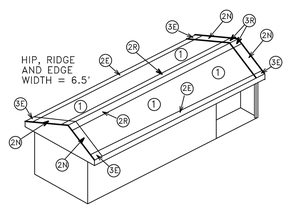
COMPONENT WIND LOADS

WIND SPEED– 131 (V ult)
(EXPOSURE CATAGORY B)

THE FOLLOWING VALUES ARE DERIVED USING ASCE 7–16

ROOF ZONE	1 –	41.2 POUNDS PER SQ. FT.
ROOF ZONE	2E –	41.2 POUNDS PER SQ. FT.
ROOF ZONE	2N –	65.7 POUNDS PER SQ. FT.
ROOF ZONE	2R –	65.7 POUNDS PER SQ. FT.
ROOF ZONE	3E –	65.7 POUNDS PER SQ. FT.
ROOF ZONE	3R –	84.6 POUNDS PER SQ. FT.

ZONE 3 & 5 REQUIRED WIDTH = 8'0"



ROOF TYPES:

1 MODIFIED BITUMEN ROOF SYSTEM OVER RIGID BOARD INSULATION & METAL DECK. SLOPE TO GUTTER.

LEGEND:

R.D. – ROOF DRAIN
O.S. – OVERFLOW TO SCUPPER
CKT. – CRICKET
D.S. – DOWN SPOUT

GENERAL ROOFING NOTES:

1. ALL ROOF PENETRATIONS SHALL BE FLASHED USING PREFINISHED GALVANIZED STEEL (MIN. 24 GA.) IN COLOR TO MATCH ROOFING. THIS INCLUDES INTAKE AND EXHAUST CURBS, VENT STACKS, CRICKETS, AND SERVICE FLUES, ETC. (UNLESS OTHER MATERIAL IS SPECIFICALLY IDENTIFIED IN DETAILS OR SPECIFICATIONS)

2. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE EXACT PREMANUFACTURED CURB STYLE (RE: MECHANICAL FOR APPROVED MANUFACTURERS) WITH THE SUCCESSFUL ROOF SYSTEM PROVIDER (RE: ARCH. FOR APPROVED MANUFACTURERS). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TRIMS, FLASHINGS AND SUPPORTS, INCLUDING MISCELANEOUS STRUCTURAL STEEL, NEEDED TO CREATE A COMPLETE, SECURE AND WEATHER TIGHT SYSTEM.

3. FASTENERS SHALL BE CONCEALED WHENEVER POSSIBLE. IN CONDITIONS WHERE EXPOSED FASTENERS ARE REQUIRED STAINLESS STEEL FASTENERS SHALL BE USED.

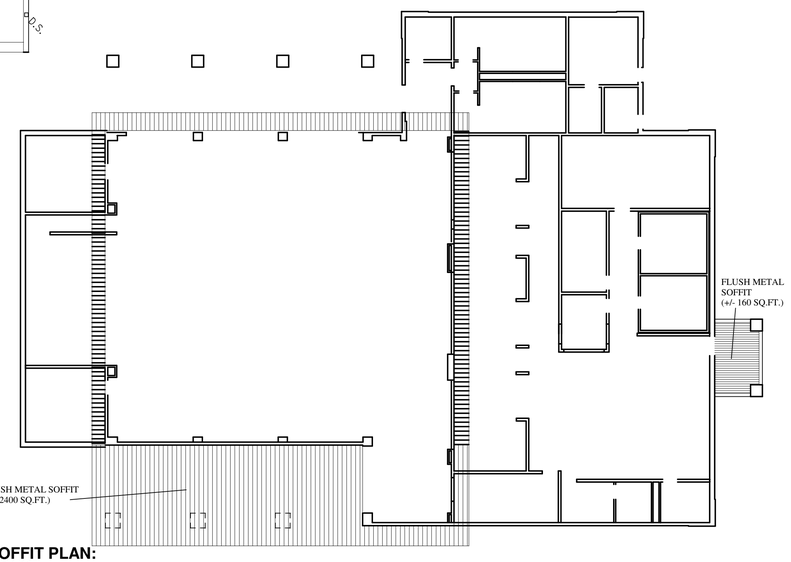
4. GENERAL NOTE: THE SUCCESSFUL ROOFING CONTRACTOR SHALL FOLLOW THE STANDARDS CONTAINED IN THE NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) AND THE SHEETMETAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA). IF THERE ARE ANY AREAS OF ROOFING NOT ADDRESSED IN THE CONTRACT DOCUMENTS, THESE AREAS SHALL BE ADDRESSED BY USING THE ABOVE MENTIONED STANDARDS AND COORDINATED WITH THE SUCCESSFUL ROOFING MANUFACTURER AND THE ARCHITECT. (TYP.)

5. THE CONTRACTOR SHALL PROVIDE ROOF FRAMING PLAN TO THE ROOFING MANUFACTURER AND SHALL RECEIVE WRITTEN CONFIRMATION FROM THE ROOFING MANUFACUTER THAT THE ROOF FRAMING PLAN AS DRAWN IS ACCEPTABLE FOR THE SPECIFIED WARRANTY TO BE ISSUED, ONCE THE ROOFING IS PROPERLY INSTALLED.

6. A WRITTEN CERTIFICATION LETTER SIGNED BY A PROFESSIONAL ENGINEER SHALL BE PROVIDED BY THE ROOFING MANUFACTURER INDICATING THAT THE ROOF PANELS, CLIPS AND SPACING, AND ALL ATTACHMENTS SHALL MEET THE CURRENT INTERNATIONAL BUILDING CODE (IBC) REQUIREMENTS.

7. THE CURRENT INTERNATIONAL BUILDING CODE (IBC) REQUIRES THAT ALL ROOFING SYSTEMS IN THIS WIND ZONE, BE DESIGNED TO WITHSTAND ALL FORCES GENERATED BY THE WINDLOADING AND FORCES INDICATED. ANY ADDITIONAL MISCELANEOUS STEEL, ETC. NECESSARY TO MEET THE FORCES INDICATED SHALL BE PROVIDED. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE STEEL INSTALLER AND METAL ROOFING CONTRACTOR TO MEET THE MANUFACTURER/ INSTALLER'S REQUIREMENTS. COSTS FOR ALL SUCH ITEMS SHALL BE INCLUDED IN THE BASE BID. ANY ADDITIONAL COST FOR MATERIAL, SHIPPING, FABRICATION OR LABOR ASSOCIATED WITH FRAMING REQUIRED TO MEET THE ROOFING MANUFACTURER'S WARRANTY (INCLUDING DESIGN SAFETY FACTORS) SHALL NOT BE CONSIDERED AS GROUNDS FOR CHANGE ORDER AFTER THE BID.

8. CONTRACTOR SHALL PROTECT FINISHES DURING DURATION OF CONSTRUCTION. THIS SHALL INCLUDE WALLS, FLOORS, CEILINGS, ROOFING , COPINGS. ALL BUILDING ELEMENTS SHALL BE PROTECTED FROM WEATHER DAMAGE AND MOISTURE INFILTRATION DURING CONSTRUCTION ACTIVITY. ANY DAMAGE DUE TO CONSTRUCTION ACTIVITY SHALL BE CORRECTED – AT NO COST TO THE OWNER. (TYP.)



3 SOFFIT PLAN:
1' = 1/16"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

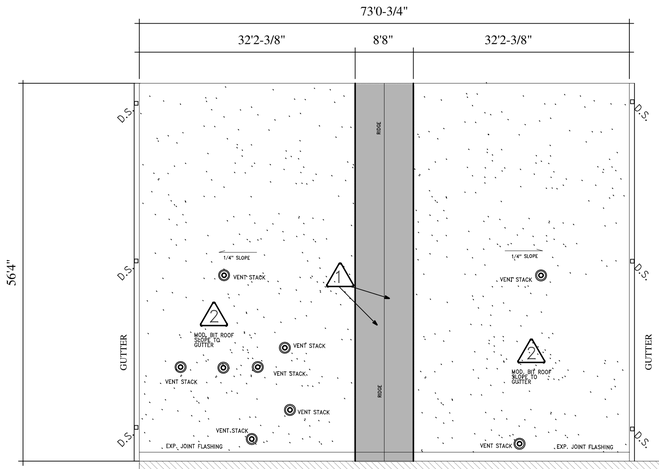
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: JPC
CHECKED BY: JPC
PROJECT NO. 2408
SHEET NO. A-9.0

These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use is strictly forbidden.







1 OVERALL ROOF PLAN:
1" = 3/32"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

NOTE: All down spouts with the exception of the ones located on the high roof discharging on the lower roof will be required to be connected to the sub surface drainage system.

2 DESIGN WIND LOADS

DESIGN LOADS (IBC)

1. WIND LOADS:
   a. Design pressures will be based on the following:
      1. Basic Wind Speed – 131 MPH (V ult)
      2. Exposure Catagory – B
      3. Importance Factor – 1.0 (CATAGORY III)
      4. Enclosure Classification – Enclosed
2. MINIMUM DEAD & LIVE LOADS:
   a. Minimum Dead Loads
      1. Minimum Roof Dead Load – 20 psf
      2. Minimum roof Live Load – 20 psf
   b. Minimum Live Loads – (as per IBC Table 1607.1)
   c. Minimum Concentrated Loads – (as per IBC Table 1607.1)
   d. Roof Live Loads – 20 psf (IBC: 1607.11.2)

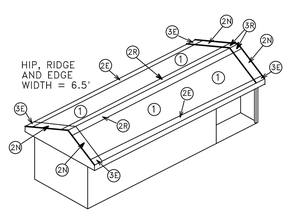
COMPONENT WIND LOADS

WIND SPEED– 131 (V ult)
(EXPOSURE CATAGORY B)

THE FOLLOWING VALUES ARE DERIVED USING ASCE 7–16

ROOF ZONE 1 – 41.2 POUNDS PER SQ. FT.
ROOF ZONE 2E – 41.2 POUNDS PER SQ. FT.
ROOF ZONE 2N – 65.7 POUNDS PER SQ. FT.
ROOF ZONE 2R – 65.7 POUNDS PER SQ. FT.
ROOF ZONE 3E – 65.7 POUNDS PER SQ. FT.
ROOF ZONE 3R – 84.6 POUNDS PER SQ. FT.

ZONE 3 & 5 REQUIRED WIDTH = 8'0"



ROOF TYPES:

1 MODIFIED BITUMEN ROOF SYSTEM OVER TAPERED BOARD INSULATION

2 MODIFIED BITUMEN ROOF SYSTEM OVER RIGID BOARD INSULATION. SLOPE TO GUTTER.

LEGEND:

R.D. – ROOF DRAIN
O.S. – OVERFLOW TO SCUPPER
CKT. – CRICKET
D.S. – DOWN SPOUT

GENERAL ROOFING NOTES:

1. ALL ROOF PENETRATIONS SHALL BE FLASHED USING PREFINISHED GALVANIZED STEEL (MIN. 24 GA.) IN COLOR TO MATCH ROOFING. THIS INCLUDES INTAKE AND EXHAUST CURBS, VENT STACKS, CRICKETS, AND SERVICE FLUES, ETC. (UNLESS OTHER MATERIAL IS SPECIFICALLY IDENTIFIED IN DETAILS OR SPECIFICATIONS)

2. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE EXACT PREMANUFACTURED CURB STYLE (RE: MECHANICAL FOR APPROVED MANUFACTURERS) WITH THE SUCCESSFUL ROOF SYSTEM PROVIDER (RE: ARCH. FOR APPROVED MANUFACTURERS). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED TRIMS, FLASHINGS AND SUPPORTS, INCLUDING MISCELANEOUS STRUCTURAL STEEL, NEEDED TO CREATE A COMPLETE, SECURE AND WEATHER TIGHT SYSTEM.

3. FASTENERS SHALL BE CONCEALED WHENEVER POSSIBLE IN CONDITIONS WHERE EXPOSED FASTENERS ARE REQUIRED STAINLESS STEEL FASTENERS SHALL BE USED.

4. GENERAL NOTE: THE SUCCESSFUL ROOFING CONTRACTOR SHALL FOLLOW THE STANDARDS CONTAINED IN THE NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) AND THE SHEETMETAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA). IF THERE ARE ANY AREAS OF ROOFING NOT ADDRESSED IN THE CONTRACT DOCUMENTS, THESE AREAS SHALL BE ADDRESSED BY USING THE ABOVE MENTIONED STANDARDS AND COORDINATED WITH THE SUCCESSFUL ROOFING MANUFACTURER AND THE ARCHITECT. (TYP.)

5. THE CONTRACTOR SHALL PROVIDE ROOF FRAMING PLAN TO THE ROOFING MANUFACTURER AND SHALL RECEIVE WRITTEN CONFIRMATION FROM THE ROOFING MANUFACUTER THAT THE ROOF FRAMING PLAN AS DRAWN IS ACCEPTABLE FOR THE SPECIFIED WARRANTY TO BE ISSUED, ONCE THE ROOFING IS PROPERLY INSTALLED.

6. A WRITTEN CERTIFICATION LETTER SIGNED BY A PROFESSIONAL ENGINEER SHALL BE PROVIDED BY THE ROOFING MANUFACTURER INDICATING THAT THE ROOF PANELS, CLIPS AND SPACING, AND ALL ATTACHMENTS SHALL MEET THE CURRENT INTERNATIONAL BUILDING CODE (IBC) REQUIREMENTS.

7. THE CURRENT INTERNATIONAL BUILDING CODE (IBC) REQUIRES THAT ALL ROOFING SYSTEMS IN THIS WIND ZONE, BE DESIGNED TO WITHSTAND ALL FORCES GENERATED BY THE WINDLOADING AND FORCES INDICATED. ANY ADDITIONAL MISCELANEOUS STEEL, ETC. NECESSARY TO MEET THE FORCES INDICATED SHALL BE PROVIDED. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE STEEL INSTALLER AND METAL ROOFING CONTRACTOR TO MEET THE MANUFACTURER/ INSTALLER'S REQUIREMENTS. COSTS FOR ALL SUCH ITEMS SHALL BE INCLUDED IN THE BASE BID. ANY ADDITIONAL COST FOR MATERIAL, SHIPPING, FABRICATION OR LABOR ASSOCIATED WITH FRAMING REQUIRED TO MEET THE ROOFING MANUFACTURER'S WARRANTY (INCLUDING DESIGN SAFETY FACTORS) SHALL NOT BE CONSIDERED AS GROUNDS FOR CHANGE ORDER AFTER THE BID.

8. CONTRACTOR SHALL PROTECT FINISHES DURING DURATION OF CONSTRUCTION. THIS SHALL INCLUDE WALLS, FLOORS, CEILINGS, ROOFING , COPINGS. ALL BUILDING ELEMENTS SHALL BE PROTECTED FROM WEATHER DAMAGE AND MOISTURE INFILTRATION DURING CONSTRUCTION ACTIVITY. ANY DAMAGE DUE TO CONSTRUCTION ACTIVITY SHALL BE CORRECTED – AT NO COST TO THE OWNER. (TYP.)

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, REGISTRATION, CONVEYANCE, SALES, OR AS BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: JPC

CHECKED BY: JPC

PROJECT NO. 2408

SHEET NO. A-9.1

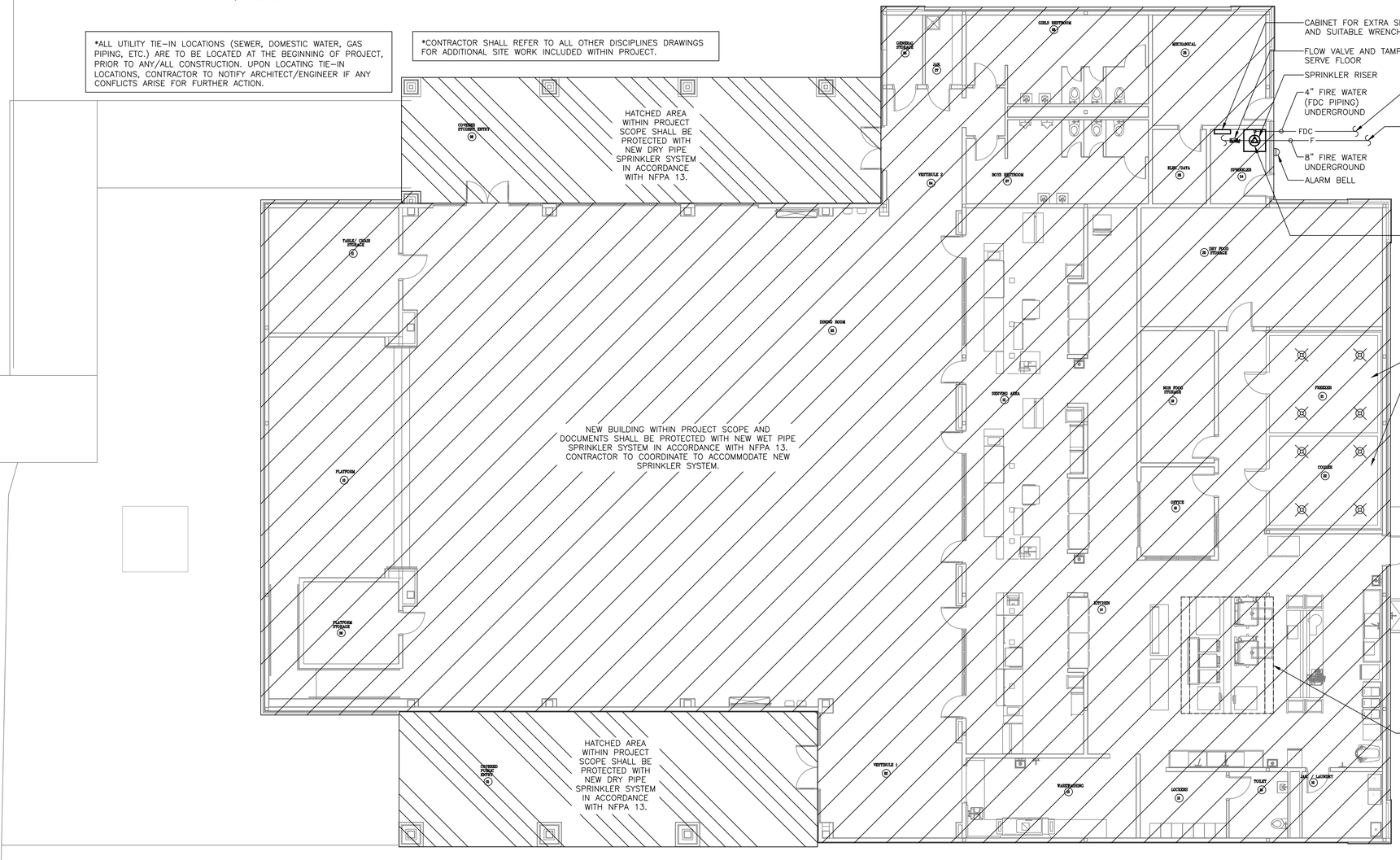
These drawings are the property of Gossen Holloway Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be enforced.

GENERAL SPRINKLER NOTES:

A. SPRINKLER CONTRACTOR SHALL HYDRAULICALLY CALCULATE AND DESIGN THE REQUIRED FIRE SUPPRESSION SYSTEMS, WET AND DRY PIPE SPRINKLER SYSTEMS. THE SPRINKLER SYSTEMS TO CONFORM TO INSURANCE COMPANY REQUIREMENTS, STATE FIRE MARSHAL NFPA 13, NFPA (CURRENT ENFORCED CODE), AND ALL OTHER APPLICABLE CODES. THE SYSTEM SHALL BE ARRANGED AS NOT TO INTERFERE WITH LIGHTS AND CEILING PLATES AND SHALL NOT BE IN CONTACT WITH ANY PART OF THE CEILING SUPPORTS. ALL PIPING SIZING AND SPACING SHALL BE IN STRICT ACCORDANCE WITH CURRENT NFPA REQUIREMENTS.
B. ALL SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF CEILING TILES WHERE APPLICABLE. ANY RELOCATION OF HEADS SHALL BE AT CONTRACTORS EXPENSE IN ORDER TO CENTER HEADS IN TILE.
C. THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE WITH HVAC, PLUMBING, ELECTRICAL, STRUCTURAL MEMBERS, ETC. AS REQUIRED FOR A PROPER INSTALLATION.
D. PROVIDE INSPECTOR'S TEST TEE AT ALL POINTS REQUIRED IN SYSTEM. PROVIDE PERMANENTLY MOUNTED PLASTIC LABEL (RED) WORDED "TEST VALVE" AT ALL LOCATIONS.
E. FIRE PROTECTION CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS OF FIRE AND SMOKE PARTITIONS, FLOORS, ETC. BY ALL SPRINKLER PIPING, CONTROL WIRING ETC. WITH FIRE RESISTANT MATERIAL. PROVIDE CHROME PLATED ESCUTCHEON PLATE AT ALL FLOOR/CEILING PENETRATIONS.
F. PROVIDE THRUST BLOCKS AT ALL UNDERGROUND TURNS OF SPRINKLER PIPING, RE: TYPICAL DETAIL #1 SHEET SP-2.1.
G. CONTRACTOR TO REFER TO ARCHITECT DRAWINGS FOR DIFFERENT CEILING HEIGHT, COORDINATE AND PROVIDE ALL OFFSETS.
H. ALL CEILING MOUNTED SPRINKLER HEADS ARE TO BE FULLY RECESSED (WITH COVER PLATE, CUSTOM COLOR FINISH) UNLESS OTHERWISE NOTED. PROVIDE CUT SHEET TO ARCHITECT PRIOR TO CONSTRUCTION FOR AESTHETIC APPROVAL, NO EXCEPTION. ALL HEADS IN EXPOSED AREAS TO BE UPRIGHT.
I. CONTRACTOR TO PAINT ALL EXPOSED SPRINKLER PIPING, SUPPORTS, ETC., COLOR TO BE SELECTED BY ARCHITECT.
J. REFER TO ARCHITECTURAL DRAWINGS FOR ALL EXPOSED AREAS THAT OCCUR OVER ROOMS THAT REQUIRE SPRINKLERS.
K. **PRELIMINARY APPROVAL:**
CONTRACTOR TO SUBMIT PROPOSED LAYOUT OF SPRINKLER HEADS, PIPING, AND SPRINKLER HEAD CUT SHEETS PRIOR TO FINALIZING THE FORMAL STATE FIRE MARSHAL SUBMITTAL (HYDRAULIC CALCULATIONS, PLANS, ETC.) FOR APPROVAL FROM ARCHITECT/ENGINEER. IF PRELIMINARY SUBMITTAL IS NOT MADE, NO ADDITIONAL COST WILL BE PROVIDED TO CONTRACTOR FOR REVISING SPRINKLER PLANS (PIPE ROUTING & SPRINKLER HEAD LOCATIONS) AND REVISING HYDRAULIC CALCULATIONS.
L. CONTRACTOR TO PLACE SPRINKLER HEADS IN ALL FURRINGS WHERE THE UNDERSIDE WILL NOT BE COVERED BY OTHER SPRINKLER HEADS TO INSURE ADEQUATE COVERAGE OF ALL FURRINGS. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR FURRING LOCATIONS.
M. CONTRACTOR TO REFER TO DUCTWORK, HYDRONIC PIPING, PLUMBING DRAWINGS FOR ALL EQUIPMENT LOCATIONS. OFFSET PIPING UP INTO STRUCTURE AS REQUIRED AS NOT TO CONFLICT WITH PIPING, DUCTWORK, ETC.
N. **SURFACE LIGHTING COORDINATION:**
SPRINKLER CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR ON EXACT SURFACE MOUNTED LIGHTING TO BE SUPPLIED TO THE PROJECT. SPRINKLER CONTRACTOR TO PLACE SPRINKLER HEADS AWAY FROM SURFACE MOUNTED FIXTURES AS REQUIRED IN ORDER TO PROVIDE PROPER FLOW. CONTRACTOR TO FIGURE IN BID ADDITIONAL SPRINKLER HEADS AND FULL DROPS AS REQUIRED TO ACHIEVE PROPER SPRINKLER COVERAGE. REFER TO ELECTRICAL PLANS AND ARCHITECTURAL REFLECTED CEILING PLAN.
O. COORDINATE WITH LOCAL JURISDICTION FOR THREADS ON STANDPIPE CONNECTIONS & FIRE DEPARTMENT CONNECTION.
P. CONTRACTOR TO PROVIDE ADDITIONAL DRAINS AS REQUIRED IN ORDER TO PROPERLY DRAIN SPRINKLER PIPING SYSTEMS. FIGURE IN BID A MINIMUM TWO (2) DRAIN LOCATIONS SHOULD THE PIPING HAVE TO BE OFFSET IN THE FIELD.
Q. DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH SCREWED GALVANIZED MALLEABLE IRON FITTINGS.
R. DO NOT ROUTE SPRINKLER PIPING ABOVE DATA ROOMS, ELECTRICAL ROOMS, AV ROOMS, ELEVATOR EQUIPMENT ROOMS, OR ANY OTHER ROOM CONTAINING ELECTRICAL DEVICES.
S. PROVIDE SPRINKLERS ABOVE AND BELOW ALL FLOATING CLOUD CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF FLOATING CEILINGS.
T. PROVIDE CAGE GUARDS FOR ALL UPRIGHT SPRINKLER HEADS WITHIN AREAS WITH NO CEILING.
U. LOCATE FIRE DEPARTMENT CONNECTION AS REQUIRED BY LOCAL FIRE DISTRICT/AHJ, COORDINATE WITH LOCAL FIRE CHIEF WITH LOCATION SHOWN.
V. ANY PROPOSED SPRINKLER PIPE ROUTING SHOWN ON FLOOR PLANS IS NOT INTENDED TO BE A COMPLETE SPRINKLER PIPING SYSTEM. PROPOSED SPRINKLER PIPE ROUTING SHOWN IS TO SUGGEST A POSSIBLE ROUTE AS TO AVOID CONFLICT IN THE FIELD WITH DUCTWORK, VAV BOXES, STRUCTURAL MEMBERS, ETC. EXACT ROUTING OF SPRINKLER PIPING SHALL BE COORDINATED BY THE SPRINKLER CONTRACTOR WITH ALL OTHER TRADES AS AVOID CONFLICTS.
W. PROVIDE HEAT TRACE ON ALL EXPOSED WATER PIPING EXPOSED TO FREEZING CONDITIONS/OUTSIDE ELEMENTS, HEAT TRACE CIRCUIT SHALL BE MONITORED PROVIDE THRUST BLOCKS AT ALL UNDERGROUND TURNS OF SPRINKLER PIPING, RE: TYPICAL DETAIL.
X. ALL PIPING SERVING COVERED DROPS AND OVERHANGS SHALL BE HEAT TRACED AND INSULATED. SPRINKLER CONTRACTOR TO COORDINATE LENGTH OF PIPE AND PROVIDE REQUIRED NUMBER OF CIRCUITS NEEDED. COORDINATE THE WATTS/FT AND LENGTH WITH ELECTRICAL CONTRACTOR FOR POWER REQUIREMENTS. HEAT TRACE TO BE INTERCONNECTED AND MONITORED COORDINATE WITH LIFE SAFETY SYSTEM.
Y. THE FIRE CAULK/SEALANT USED THROUGHOUT THIS PROJECT SHALL NOT JEOPARDIZE THE INTEGRITY OF THE PIPE OR SPRINKLER SYSTEM. ALL SEALANTS/FIRE CAULK SHALL BE COMPATIBLE WITH THE PIPING MATERIAL USED.
Z. ALL PIPING TO BE RATED FOR FIRE SERVICE, REQUIRED PRESSURE RATING AND UL-LISTED.

*ALL UTILITY TIE-IN LOCATIONS (SEWER, DOMESTIC WATER, GAS PIPING, ETC.) ARE TO BE LOCATED AT THE BEGINNING OF PROJECT, PRIOR TO ANY/ALL CONSTRUCTION. UPON LOCATING TIE-IN LOCATIONS, CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER IF ANY CONFLICTS ARISE FOR FURTHER ACTION.

*CONTRACTOR SHALL REFER TO ALL OTHER DISCIPLINES DRAWINGS FOR ADDITIONAL SITE WORK INCLUDED WITHIN PROJECT.



ALL MECHANICAL, & SPRINKLER ROOMS:
PROVIDE DRY TYPE HEADS WHERE EXTERIOR ROOM WITH DOOR OPENING TO EXTERIOR

1 CAFETERIA FLOOR PLAN - SPRINKLER

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

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

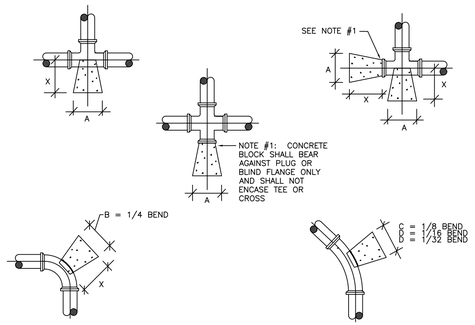
PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR BIDDING, PERMIT, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. SP-1.1

EYRE ENGINEERING
PRINTED 8.29.2025

NOTE: ALL BENDS, TEES, WYES AND PLUGS TO HAVE STANDARD BLOCKING AS PER SCHEDULE AND DETAIL DIMENSION "X" TO BE A MINIMUM ON ONE (1) FOOT, BUT TO BE INCREASED WHERE NECESSARY TO PROVIDE BEARING AGAINST UNDISTRUBED TRENCH WALL.

PIPE SIZE	A PLUGS & TEES	B 90 BENDS	C 45 BENDS	D 22-1/4 & 11-1/4 BEND	DEPTH OF BLOCK
6"	1' – 3"	2' – 0"	1' – 6"	1' – 0"	1' – 0"
8"	1' – 3"	2' – 4"	1' – 10"	1' – 3"	1' – 3"
10"	1' – 3"	2' – 4"	1' – 10"	1' – 3"	1' – 3"



1 DETAIL - THRUST BLOCKS, TYPICAL
NTS

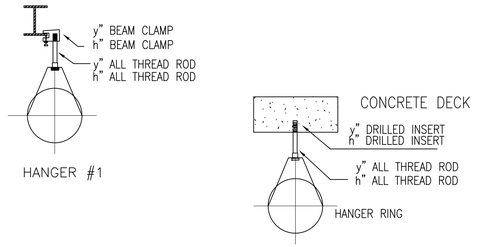
MAX. DISTANCE BETWEEN HANGERS

NOMINAL PIPE SIZE (IN.)	1" – 1q"	1h" – 6"
STEEL PIPE EXCEPT THREADED LIGHT WALL	12'–0"	15'–0"

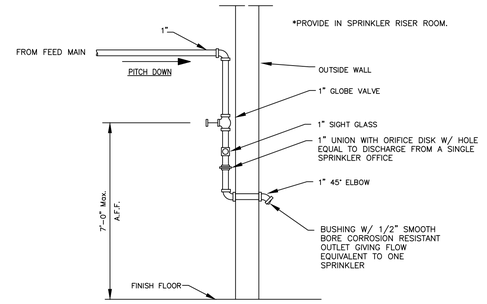
MAX. DISTANCE BETWEEN END SPRINKLER AND LAST HANGER ON THE BRANCH LINE

NOMINAL PIPE SIZE (IN.)	< 100 PSI 1"	< 100 PSI 1q"	< 100 PSI > 1q"	****
STEEL PIPE EXCEPT THREADED LIGHT WALL	36 IN.	48 IN.	60 IN.	12 IN.

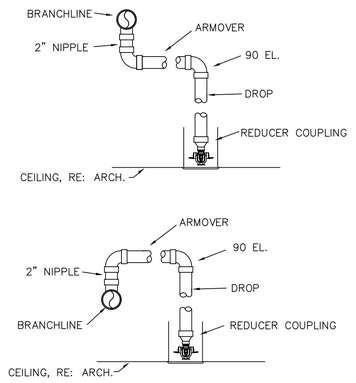
****DISTANCE BETWEEN END SPRINKLER IN A PENDENT POSITION AND THE LAST HANGER ON A BRANCH LINE WHENEVER PRESSURE EXCEEDS 100 PSI.



2 DETAIL - PIPE SUPPORTS, TYPICAL
NTS

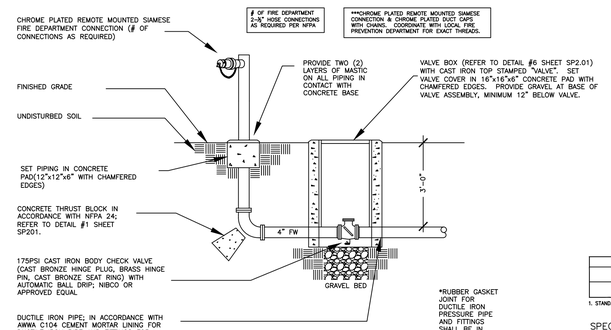


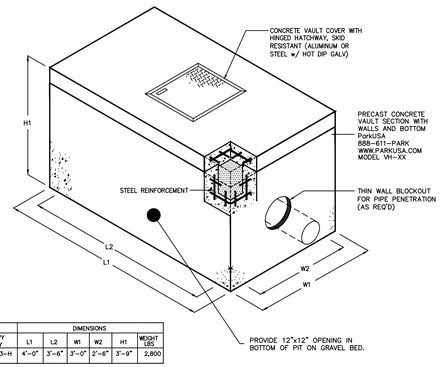
3 DETAIL - INSPECTOR TEST VALVE
NTS



*ALL SPRINKLER HEADS TO BE CONCEALED TYPE WITH CUSTOM COLOR COVER PLATE.

4 DETAIL - TYPICAL FULLY CONCEALED SPRINKLER HEAD INST.
NTS





MODEL NO.		DIMENSIONS					
	HEAVY DUTY	L1	L2	W1	W2	H1	WEIGHT LBS
	VH343-H	4'-0"	3'-6"	3'-0"	2'-6"	3'-9"	2,800

1. STANDARD DUTY INDICATES PEDESTRIAN LOAD RATED, HEAVY DUTY IS TRAFFIC LOAD RATED.

SPECIFICATIONS

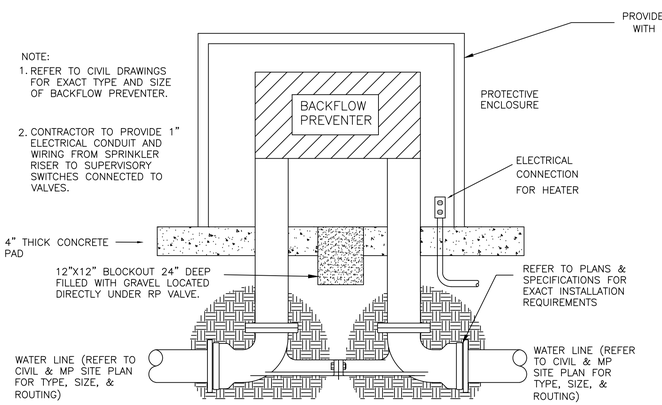
CONCRETE: CLASS 1/¾ CONCRETE WITH OF DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.

REINFORCEMENT: GRADE 60 REINFORCED. STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL. BAR BENDING & PLACEMENT SHALL CONFORM TO LATEST ACI STANDARDS FOR PRECAST CONCRETE.

HATCHWAY: ¼" ALUMINUM SKID RESISTANT DIAMOND PLATE, WITH ¼" EXTRUDED ALUMINUM FRAME. HATCH TO BE FURNISHED WITH DROP HANDLE, SS HINGES, & LOCKING ARM.

PARK
UTILITY VAULTS w/ HATCH
MODEL VH

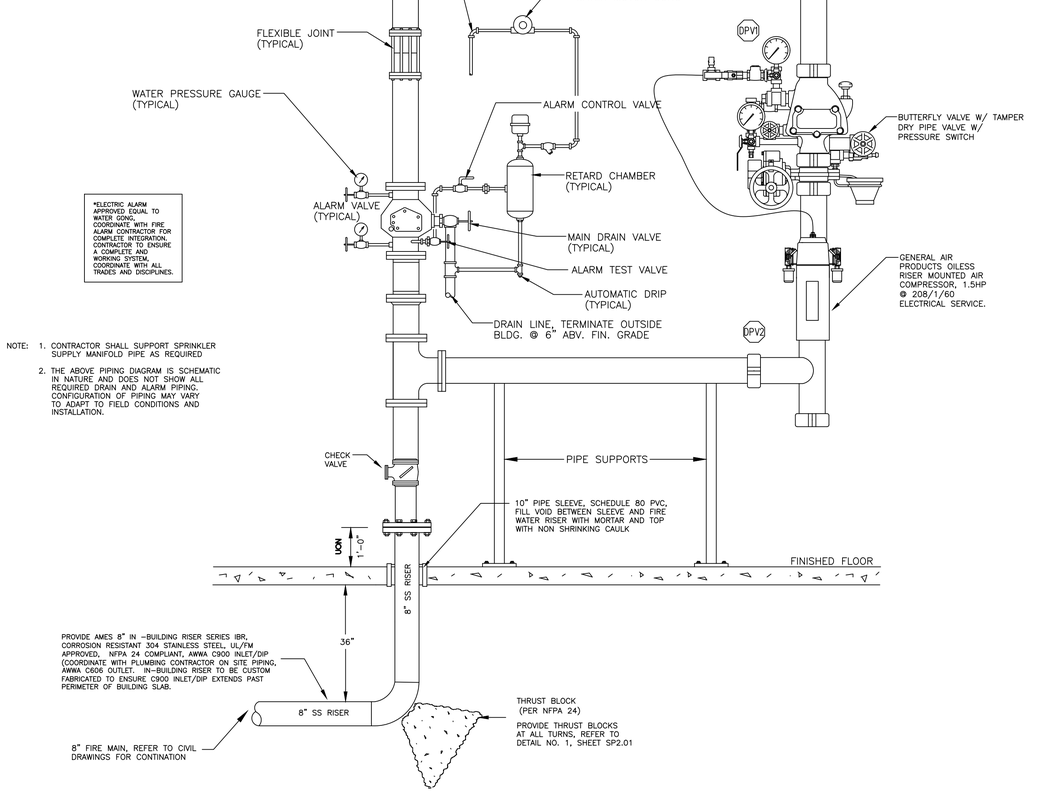
5 DETAIL - FIRE DEPARTMENT CONNECTION, TYPICAL
NTS



*PROVIDE ACCESS PANELS ON BOTH SIDES OF ENCLOSURE.

*PROVIDE 1.5 KW HEATER WITHIN ENCLOSURE (BY ENCLOSURE MANUFACTURER) @ 120–1–60 ELECTRICAL SERVICE.

6 DETAIL - BACKFLOW PREVENTER ENCLOSURE
NTS



*ELECTRIC ALARM APPROVED EQUAL TO WATER GONG. COORDINATE WITH FIRE ALARM CONTRACTOR FOR CONNECTION INTERLOCK. CONTRACTOR TO ENSURE A COMPLETE AND WORKING SYSTEM. COORDINATE WITH ALL TRADES AND DISCIPLINES.

NOTE: 1. CONTRACTOR SHALL SUPPORT SPRINKLER SUPPLY MANIFOLD PIPE AS REQUIRED
2. THE ABOVE PIPING DIAGRAM IS SCHEMATIC IN NATURE AND DOES NOT SHOW ALL REQUIRED DRAIN AND ALARM PIPING. CONFIGURATION OF PIPING MAY VARY TO ADAPT TO FIELD CONDITIONS AND INSTALLATION.

7 DETAIL - SPRINKLER RISER(S), TYPICAL
NTS

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

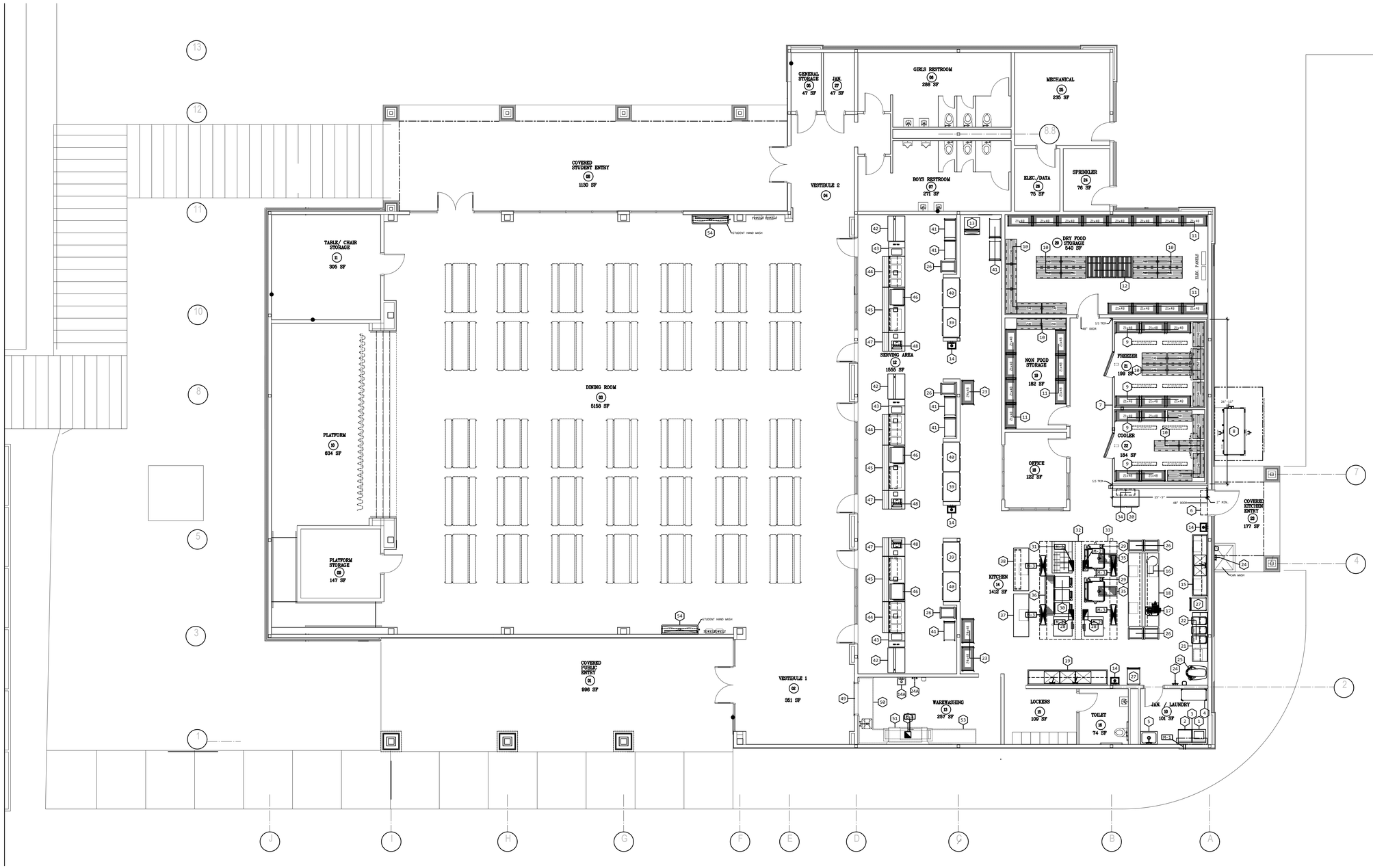
ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. SP-2.1

EYRE ENGINEERING
PRINTED 8.29.2025



N

1 OVERALL FOOD SERVICE EQUIPMENT FLOOR PLAN

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

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532

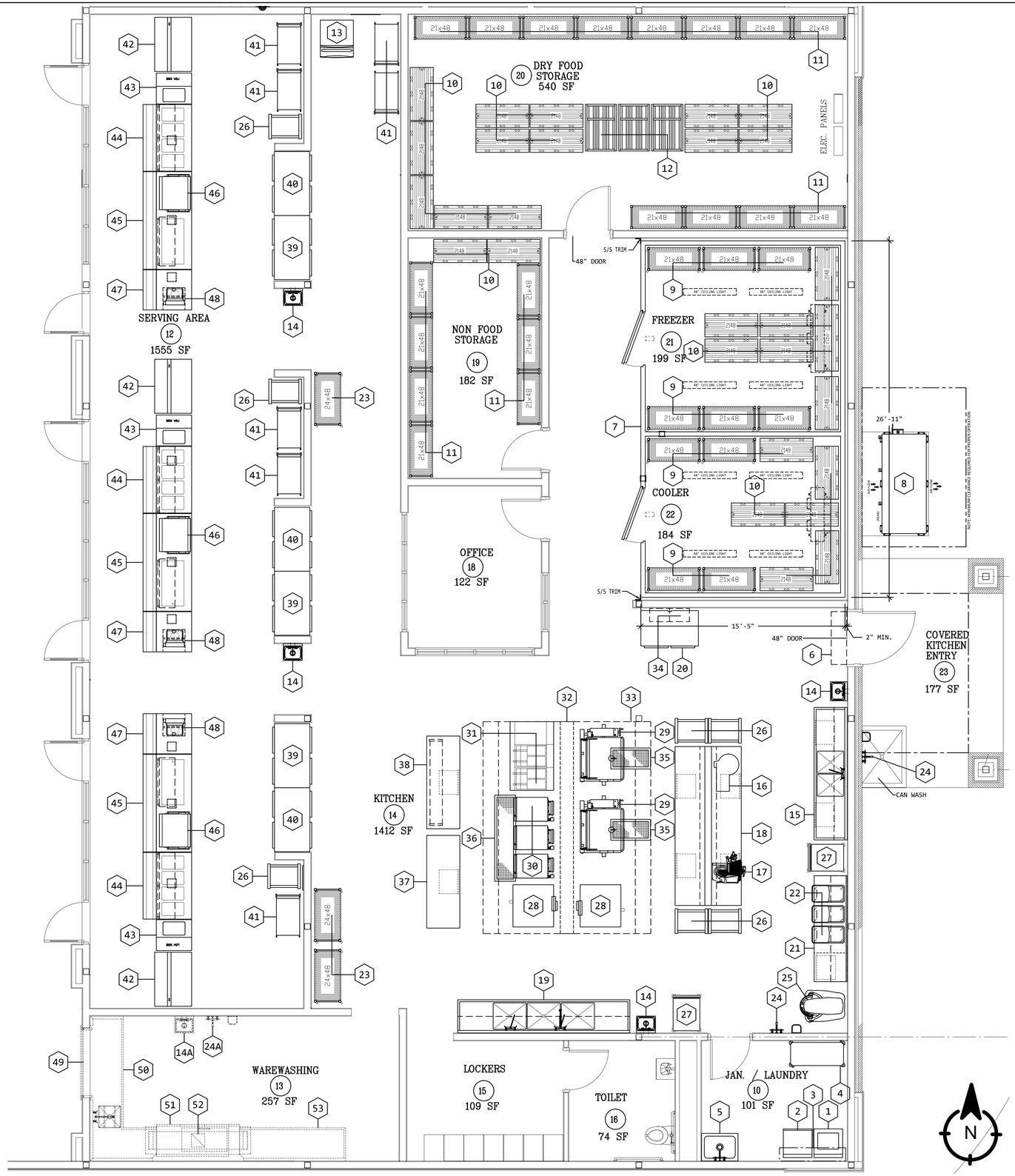
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM
RENOVATION FOR GONZALES MIDDLE SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

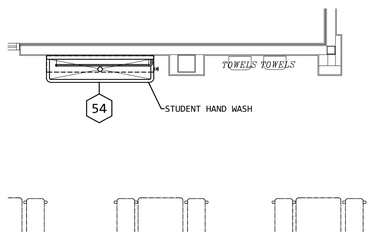
COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: GKF / CJT
CHECKED BY: GKF / CJT
PROJECT NO. 2408
SHEET NO. FS-100



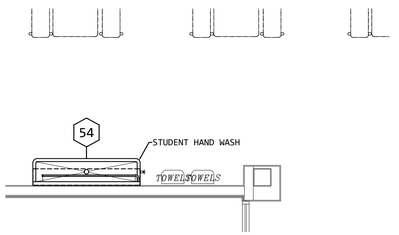
1 **FOOD SERVICE EQUIPMENT FLOOR PLAN**
SCALE: 1/4" = 1'0"
RE:

FOOD SERVICE EQUIPMENT SCHEDULE			
ITEM NO.	QTY.	DESCRIPTION	EQUIP. CLASS.
1.	1	CLOTHES WASHER	A
2.	1	CLOTHES DRYER	A
3.	1	WALL-MOUNTED STORAGE SHELVING	A
4.	1	MOBILE SHELVING UNIT	A
5.	1	STAINLESS STEEL FLOOR MOP SINK	A
6.	1	AIR DOOR	A
7.	1	WALK-IN COOLER/FREEZER	A
8.	1	REMOTE REFRIGERATION SYSTEM	A
9.	10	MOBILE STORAGE SHELVING UNITS	A
10.	28	DUNNAGE RACKS	A
11.	19	STORAGE SHELVING UNITS	A
12.	3	CAN RACKS	A
13.	1	ICE MACHINE (CUBER) W/STORAGE BIN	A
14.	4	STAINLESS STEEL HAND SINKS	A
14A.	1	STAINLESS STEEL HAND SINK - FUTURE EQUIPMENT	C
15.	1	PREPARATION COUNTER W/SINKS & OVERSHELF	A
16.	1	FOOD CUTTER	A
17.	1	SLICER	A
18.	1	PREPARATION COUNTER W/OVERSHELF	A
19.	1	POT/PAN SINK W/OVERSHELF	A
20.	1	REACH-IN REFRIGERATOR	A
21.	1	BAKER'S TABLE W/SPICE SHELF	A
22.	3	MOBILE INGREDIENT BINS	A
23.	3	MOBILE UTENSIL STORAGE SHELVING UNITS	A
24.	2	MIXING FAUCETS W/HOSE THREADS	A
24A.	1	MIXING FAUCET W/HOSE THREADS - FUTURE EQUIPMENT	C
25.	1	60-QUART MIXER	A
26.	7	MOBILE PAN RACKS	A
27.	2	MOBILE PROOFER WARMING CABINETS	A
28.	2	DOUBLE-STACKED CONVECTION OVENS	A
29.	2	40-GALLON TILTING BRAISING PANS	A
30.	3	DOUBLE-STACKED CONVECTION STEAMERS	A
31.	1	FRYER FILTER UNIT	A
32.	1	UTILITY DISTRIBUTION SYSTEM	A
33.	1	EXHAUST HOOD	A
34.	1	FIRE SUPPRESSION SYSTEM	A
35.	2	STAINLESS STEEL FLOOR DRAIN TROUGHS W/GRATES	A
36.	1	STAINLESS STEEL FLOOR DRAIN TROUGH W/GRATE	A
37.	1	WORK TABLE	A
38.	1	WORK TABLE W/OVERHEAD POT RACK	A
39.	3	PASS-THRU REFRIGERATORS	A
40.	3	PASS-THRU WARMERS	A
41.	7	MOBILE UTILITY CARTS	A
42.	3	MOBILE MILK COOLERS	A
43.	3	MOBILE TRAY/SILVERWARE COUNTERS	A
44.	3	MOBILE HOT FOOD COUNTERS	A
45.	3	MOBILE FROST-TOP COUNTERS	A
46.	3	HEATED SANDWICH MERCHANDISERS	A
47.	3	MOBILE CASHIER COUNTERS	A
48.	3	P.O.S. UNITS	C
49.	1	ROLL-DOWN COUNTER DOOR W/INTEGRAL WINDOW FRAME (FUTURE)	C
50.	1	SOILED DISHTABLE W/PASS-THRU WINDOW SILL (FUTURE)	C
51.	1	DISHWASHER (FUTURE EQUIPMENT)	C
52.	1	CONDENSATE EXHAUST STAINLESS STEEL PANT LEG DUCT (FUTURE)	C
53.	1	CLEAN DISHTABLE W/RACK GUIDE ROLLERS (FUTURE)	C
54.	2	STUDENT HAND WASH SINKS	A

EQUIPMENT CLASSIFICATION:
A. DIVISION 11 (FOOD SERVICE EQUIPMENT)
B. BY DIVISION 22 (PLUMBING)
C. NOT IN CONTRACT - BY OTHERS (OWNER, VENDOR, ETC.)



2 **PARTIAL PLAN - STUDENT HAND WASH SINK**
SCALE: 1/4" = 1'0"
RE:



3 **PARTIAL PLAN - STUDENT HAND WASH SINK**
SCALE: 1/4" = 1'0"
RE:

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

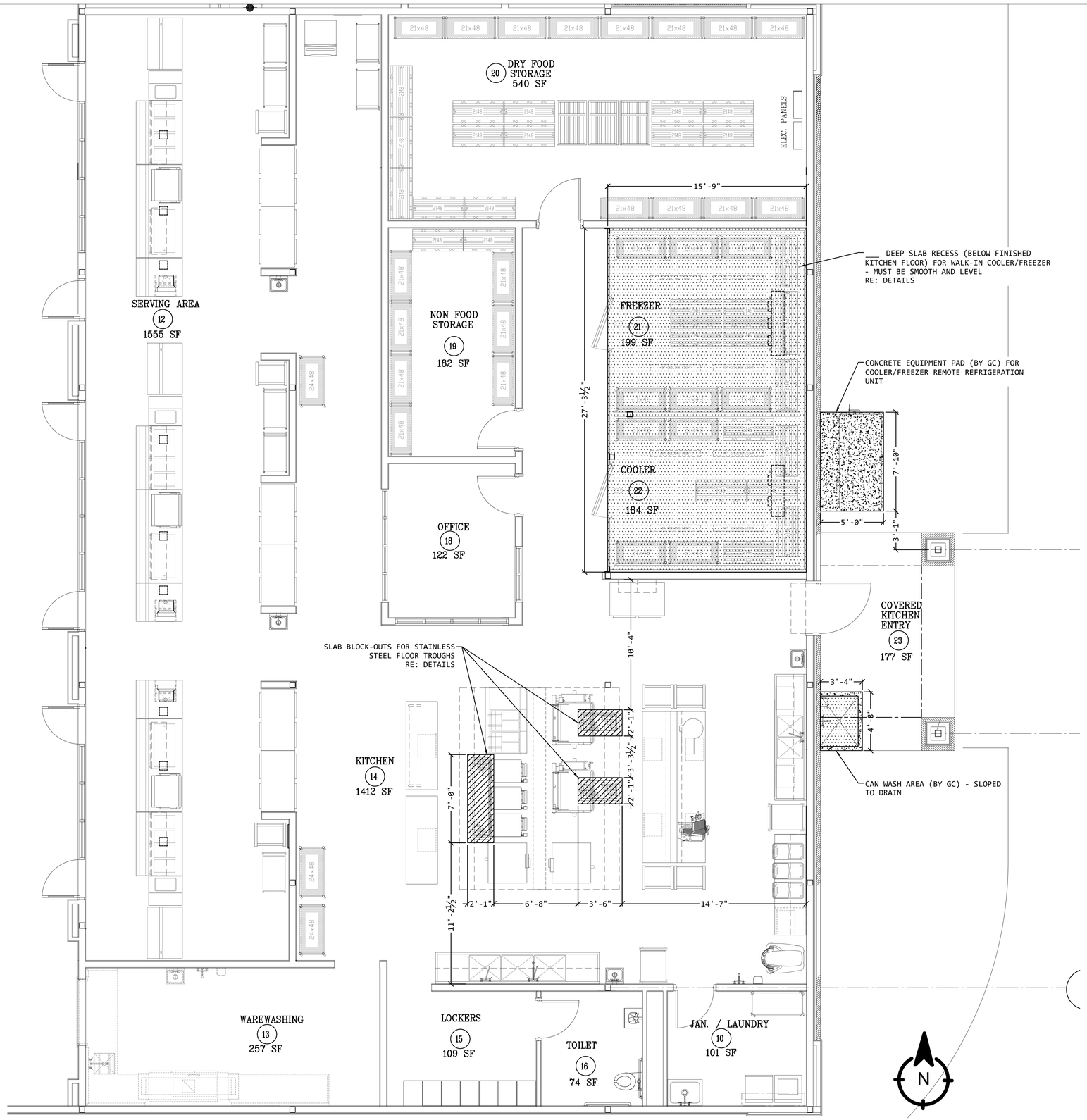
NEW CAFETORIUM & CLASSROOM RENOVATION FOR GONZALES MIDDLE SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, RECORDATION, SALE OR CONVEYANCE. SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: GKF / CJT
CHECKED BY: GKF / CJT
PROJECT NO. 2408
SHEET NO. FS-101

FUTCH DESIGN ASSOCIATES, INC.
SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532



1 FOOD SERVICE EQUIPMENT SLAB REQUIREMENTS PLAN
SCALE: 1/4" = 1'0"
RE:

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532

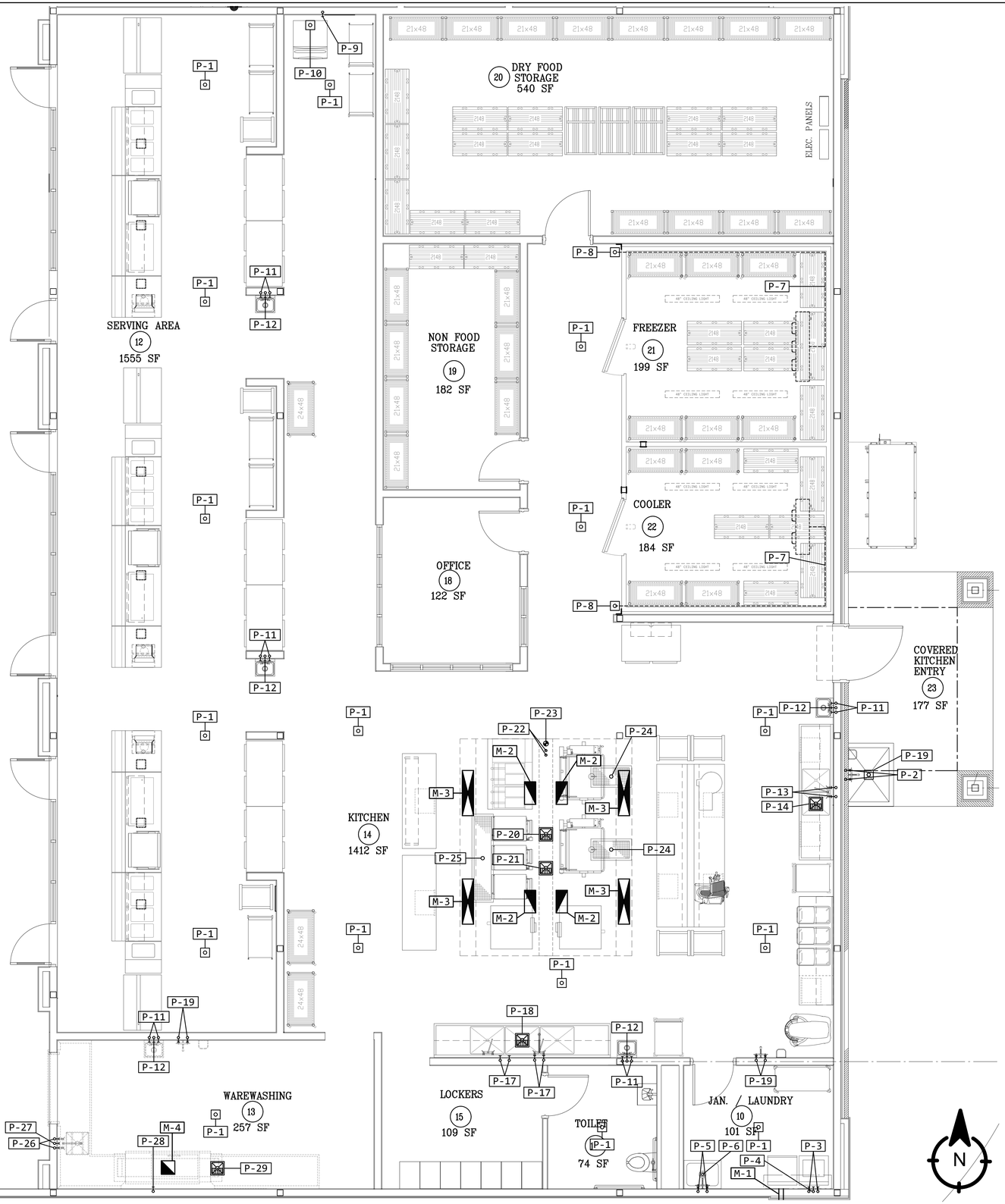
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM RENOVATION FOR GONZALES MIDDLE SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: GKF / CJT
CHECKED BY: GKF / CJT
PROJECT NO. 2408
SHEET NO. FS-301



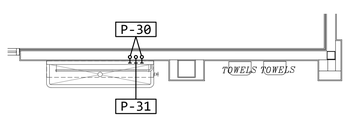
1 FOOD SERVICE EQUIPMENT PLUMBING / MECHANICAL ROUGH-IN PLAN
SCALE: 1/4" = 1'0"
RE:

PLUMBING/MECHANICAL ROUGH-IN SYMBOLS & ABBREVIATIONS

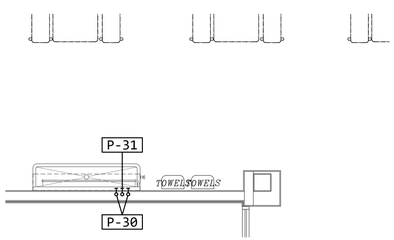
CW	COLD WATER	BTU/HR	BRITISH THERMAL UNIT PER HOUR
HW	HOT WATER	WC	WATER COLUMN GAS PRESSURE
GPM	GALLONS PER MINUTE	▨	EXHAUST DUCT OPENING
GPH	GALLONS PER HOUR	⊠	SUPPLY DUCT OPENING
PSI	POUNDS PER SQUARE INCH	CFM	CUBIC FEET PER MINUTE
DR	DIRECT CONNECTED DRAIN	SP	STATIC PRESSURE
FD-A	FLOOR DRAIN W/FLUSH MOUNTED GRATE	AFF	ABOVE FINISHED FLOOR
FD-B	FLOOR DRAIN W/RECESSED GRATE	DFA	DOWN FROM ABOVE
FS	FLOOR SINK W/DOME STRAINER	UDS	UTILITY DISTRIBUTION SYSTEM

PLUMBING/MECHANICAL ROUGH-IN DATA SCHEDULE

CONN. NO.	ITEM NO.	DESCRIPTION OF UTILITY REQUIREMENTS	NOTES (RE: FS-402)
P-1		FD-A (AREA CLEAN-UP)	
P-2		FD-A (WITHIN RECESS) FOR CAN WASH AREA	
P-3	1	1/2" H & CW 30" AFF FOR CLOTHES WASHER	
P-4	1	2" STAND PIPE DRAIN 30" AFF FOR CLOTHES WASHER	
P-5	5	1/2" H & CW 36" AFF FOR WALL-MOUNTED FAUCET OF STAINLESS STEEL FLOOR MOP SINK	7
P-6	5	2" IPS DRAIN 2-3/4" AFF FOR DRAIN ASSEMBLY OF STAINLESS STEEL FLOOR MOP SINK	
P-7	7	3/4" TYPE "L" COPPER CONDENSATE DRAIN LINE FROM WALK-IN COOLER/FREEZER	
		EVAPORATOR COILS TO FLOOR DRAIN	9,10
P-8	7	FD-B FOR CONDENSATE DRAIN LINE OF WALK-IN COOLER/FREEZER	9,10
P-9	13	3/8" CW 60" AFF FOR ICE MACHINE	11
P-10	13	FD-B FOR DRAIN LINES OF ICE MACHINE AND STORAGE BIN	12
P-11	14/14A	1/2" H & CW 18" AFF FOR FAUCET OF EACH STAINLESS STEEL HAND SINK	7
P-12	14/14A	1-1/2" DR 24-1/2" AFF FOR EACH STAINLESS STEEL HAND SINK	7
P-13	15	1/2" H & CW 18" AFF FOR FAUCET OF PREPARATION COUNTER SINKS	7,7A
P-14	15	FS (2-CONNECTIONS) FOR DRAIN LINE OF PREPARATION COUNTER SINKS	7,8
P-15	--	SPARE NUMBER	
P-16	--	SPARE NUMBER	
P-17	19	1/2" H & CW 18" AFF FOR EACH FAUCET OF POT/PAN SINK	7,7A
P-18	19	FS (3-CONNECTIONS) FOR DRAIN LINE OF POT/PAN SINK	7,8
P-19	24/24A	1/2" H & CW 36" AFF FOR EACH MIXING FAUCET W/HOSE THREADS	7
P-20	30	FS (1-CONNECTION) FOR DRAIN LINE OF DOUBLE-STACKED CONVECTION STEAMER (UNIT	
		ADJACENT TO ITEM #31)	13
P-21	30	FS (2-CONNECTIONS) FOR DRAIN LINES OF EACH DOUBLE-STACKED CONVECTION STEAMERS	14
P-22	32	1" H & CW DFA FOR UTILITY DISTRIBUTION SYSTEM	15,16
P-23	32	2" NATURAL GAS DFA FOR UTILITY DISTRIBUTION SYSTEM - 1,106,000 BTU/HR AT 7" WC	
		PRESSURE	17,17A,18
P-24	35	3" PIPE DRAIN (WITHIN SLAB BLOCK-OUT) FOR EACH STAINLESS STEEL FLOOR DRAIN	
		TROUGH - REFER TO DETAILS	19
P-25	36	3" PIPE DRAIN (WITHIN SLAB BLOCK-OUT) FOR STAINLESS STEEL FLOOR DRAIN	
		TROUGH - REFER TO DETAILS	19
P-26	50	1/2" H & CW 18" AFF FOR PRE-RINSE FAUCET OF SOILED DISHTABLE (FUTURE EQUIPMENT)	7
P-27	50	2" DR 18" AFF FOR PRE-RINSE SINK OF SOILED DISHTABLE (FUTURE EQUIPMENT)	7
P-28	51	3/4" HW (110°F MINIMUM) 18" AFF FOR DISHWASHER (FUTURE EQUIPMENT)	
P-29	51/53	FS FOR DRAIN LINE OF DISHWASHER (FUTURE EQUIPMENT)	
P-30	54	1/2" H & CW (TEMPERED) 12" AFF FOR STUDENT HAND WASH SINKS	7
P-31	54	2" DR 9" AFF FOR STUDENT HAND WASH SINKS	7
M-1	2	4" DIAMETER GRAVITY VENT 12" AFF FOR CLOTHES DRYER	
M-2	33	10" X 20" EXHAUST DUCT COLLAR CONNECTION 9'-6" AFF FOR EXHAUST HOOD - 2,200 CFM	
		AT .78" SP (8,800 CFM TOTAL)	20-23
M-3	33	10" X 40" SUPPLY DUCT COLLAR CONNECTION 9'-6" AFF FOR SUPPLY PLENUM OF EXHAUST	
		HOOD - 1,760 CFM AT .25 SP (7,040 CFM TOTAL)	20,21,24,25
M-4	51	12" X 12" CONDENSATE EXHAUST DUCT CONNECTION 6" ABOVE FINISHED CEILING FOR	
		CONDENSATE EXHAUST STAINLESS STEEL PANT LEG DUCT (FUTURE EQUIPMENT) - 600 CFM	



2 PARTIAL PLAN - STUDENT HAND WASH SINK - PLUMBING ROUGH-IN
SCALE: 1/4" = 1'0"
RE:



3 PARTIAL PLAN - STUDENT HAND WASH SINK - PLUMBING ROUGH-IN
SCALE: 1/4" = 1'0"
RE:

NOTE:
REFER TO FS-402 FOR PLUMBING /MECHANICAL ROUGH-IN NOTES

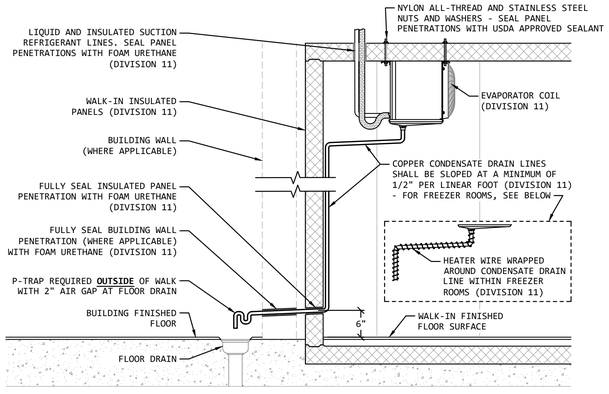
FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM
RENOVATION FOR GONZALES MIDDLE
SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: GKF / CJT
CHECKED BY: GKF / CJT
PROJECT NO. 2408
SHEET NO. FS-401



– WALK-IN COOLER/FREEZER CONDENSATE DRAIN & COIL INSTALLATION DETAIL

REF: FS4.01 NOT TO SCALE

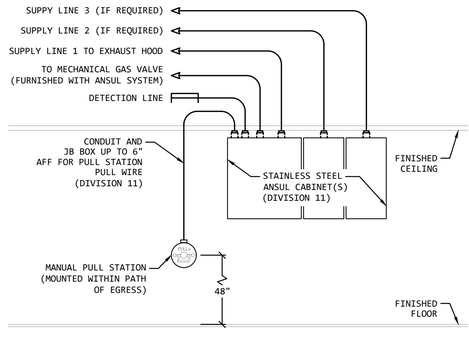


DIAGRAM GENERAL NOTES

1. REFER TO FLOOR PLAN FOR LOCATION OF ANSUL CABINETS AND MANUAL PULL STATION.
2. NUMBER OF ANSUL CABINETS REQUIRED SHALL BE DETERMINED BY SUPPLIER.
3. CONTRACTOR SHALL FURNISH AND INSTALL CLASS K FIRE EXTINGUISHER WITH WALL BRACKET.

– EXHAUST HOOD FIRE SUPPRESSION SYSTEM DIAGRAM

REF: FS101 SCALE: NONE

PLUMBING/MECHANICAL ROUGH-IN NOTES

1. ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED (INCLUDING EXISTING AND FUTURE EQUIPMENT) PLUS AREA CLEAN-UP FLOOR DRAINS. CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
2. WHERE POSSIBLE, ALL PLUMBING LINES SHALL EXTEND UP THROUGH AND OUT OF BUILDING WALLS.
3. EXTEND AND CONNECT ALL PLUMBING LINES TO CONNECTION POINTS OF FOOD SERVICE EQUIPMENT - DIVISION 22.
4. FURNISH AND INSTALL LINE SHUT-OFF VALVES ON ALL PLUMBING LINES AT EACH FIXTURE - DIVISION 22.
5. EXTEND WATER LINES THROUGH VACUUM BREAKERS (FURNISHED BY DIVISION 11) WHERE INLETS ARE SUBJECT TO SUBMERSION - DIVISION 22.
6. FURNISH WATER INLET VALVES, TEMPERATURE GAUGES, PRESSURE REDUCING VALVES (FOR LOWER PRESSURES THAN INDICATED ON DRAWINGS), MIXING VALVES, AND ACCESSORIES REQUIRED FOR OPERATION OF EQUIPMENT - DIVISION 11.
7. FURNISH SINK FAUCETS, TAIL PIECES, LEVER HANDLE DRAINS AND VACUUM BREAKERS - DIVISION 11.

7A. INSTALL FLEXIBLE WATER LINES FROM FAUCETS TO FLOOR-MOUNTED PEDAL VALVES - DIVISION 22. FAUCETS, FOOT PEDAL VALVES AND INSTALLATION KIT FURNISHED BY DIVISION 11.

8. FURNISH AND INSTALL 2" DRAIN LINE EXTENSIONS FROM SINK REQUIRING OPEN SITE DRAINS TO BUILDING FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED.
9. SLOPE CONDENSATE DRAIN LINES GENEROUSLY (1/2" PER LINEAL FOOT MINIMUM) FROM WALK-IN COOLER AND FREEZER COILS TO 6" ABOVE WALK-IN FLOOR AND EXTEND THROUGH WALK-IN PANELS AND BUILDING WALLS (WHERE APPLICABLE) TO FLOOR DRAIN - DIVISION 11. DRAIN LINE TRAP AND 2" AIR-GAP REQUIRED. RE: DETAIL __, THIS SHEET.
10. WALK-IN PANEL PENETRATIONS FOR REFRIGERANT PIPING AND DRAIN LINES SHALL BE SEALED WITH FOAM URETHANE
11. WATER LINE SHALL BE PIPED THROUGH WATER FILTER (FURNISHED BY DIVISION 11) TO EQUIPMENT - DIVISION 22
12. FURNISH AND INSTALL 1/2" AND 3/4" DRAIN LINES FROM ICE MACHINE AND STORAGE BIN TO FLOOR DRAIN - DIVISION 22. 2" AIR-GAP REQUIRED.
13. FURNISH AND INSTALL 2" DRAIN LINE FROM CONVECTION STEAMER TO FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED.
14. FURNISH AND INSTALL 2" DRAIN LINES FROM EACH OF TWO (2) CONVECTION STEAMERS TO FLOOR SINK - DIVISION 22. 2" AIR-GAP REQUIRED.
15. TEST INTERNAL WATER PIPING OF UDS (FURNISHED BY DIVISION 11) FOR LEAKS CAUSED BY SHIPPING AND TIGHTEN AS REQUIRED - DIVISION 22.
16. CONNECT WATER QUICK-DISCONNECT HOSE ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT - DIVISION 22.
17. INSTALL MECHANICAL GAS SHUT-OFF VALVE (FURNISHED BY DIVISION 11) OF FIRE EXTINGUISHING SYSTEM ON INCOMING GAS LINE TO UDS - DIVISION 22.

17A. FURNISH AND INSTALL PRESSURE REGULATOR ON INCOMING GAS LINE TO UDS FOR PRESSURE EXCEEDING THE REQUIREMENTS INDICATED (7" WC) - DIVISION 22.

18. CONNECT GAS QUICK-DISCONNECT HOSE ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT - DIVISION 22.
19. INSTALL STAINLESS STEEL FLOOR DRAIN TROUGH (FURNISHED BY DIVISION 11) WITH TOP OF PERIMETER FLANGE FLUSH WITH ADJACENT FINISHED FLOOR - DIVISION 22.
20. FURNISH AND INSTALL EXHAUST/SUPPLY FANS AND DUCTWORK (INDEPENDENT OF BUILDING HVAC SYSTEM) TO MEET REQUIREMENTS INDICATED - DIVISION 23.
21. EXHAUST/SUPPLY FAN CONTROL PANELS AND SWITCHES FOR EXHAUST HOODS SHALL BE FURNISHED BY DIVISION 11, THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE.
22. EXHAUST DUCTS SHALL BE WELDED TO DUCT COLLARS OF EXHAUST HOODS ABOVE COOKING EQUIPMENT IN ACCORDANCE WITH LATEST EDITIONS OF NFPA 96 - DIVISION 23.
23. FURNISH AND INSTALL AUTOMATIC WET CHEMICAL FIRE EXTINGUISHING SYSTEM FOR EXHAUST HOOD OVER COOKING EQUIPMENT TO MEET UL STANDARD 300, LATEST EDITIONS OF NFPA PAMPHLET NOS. 96 AND 17A, AND ALL OTHER APPLICABLE FIRE CODES - DIVISION 11.
24. TEMPERING OF SUPPLY AIR SHALL BE IN ACCORDANCE WITH HVAC DESIGN REQUIREMENTS - DIVISION 23.
25. ALL HVAC CEILING REGISTERS ARE TO BE DIRECTED AWAY FROM EXHAUST HOOD IN ACCORDANCE WITH CHAPTER 31 KITCHEN VENTILATION OF ASHRAE APPLICATIONS HANDBOOK, DATED 2007 - DIVISION 23.

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966

FOOD FACILITIES DESIGNERS & CONSULTANTS

7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM

1532

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation

315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM RENOVATION FOR GONZALES MIDDLE SCHOOL

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR REGULATORY, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25

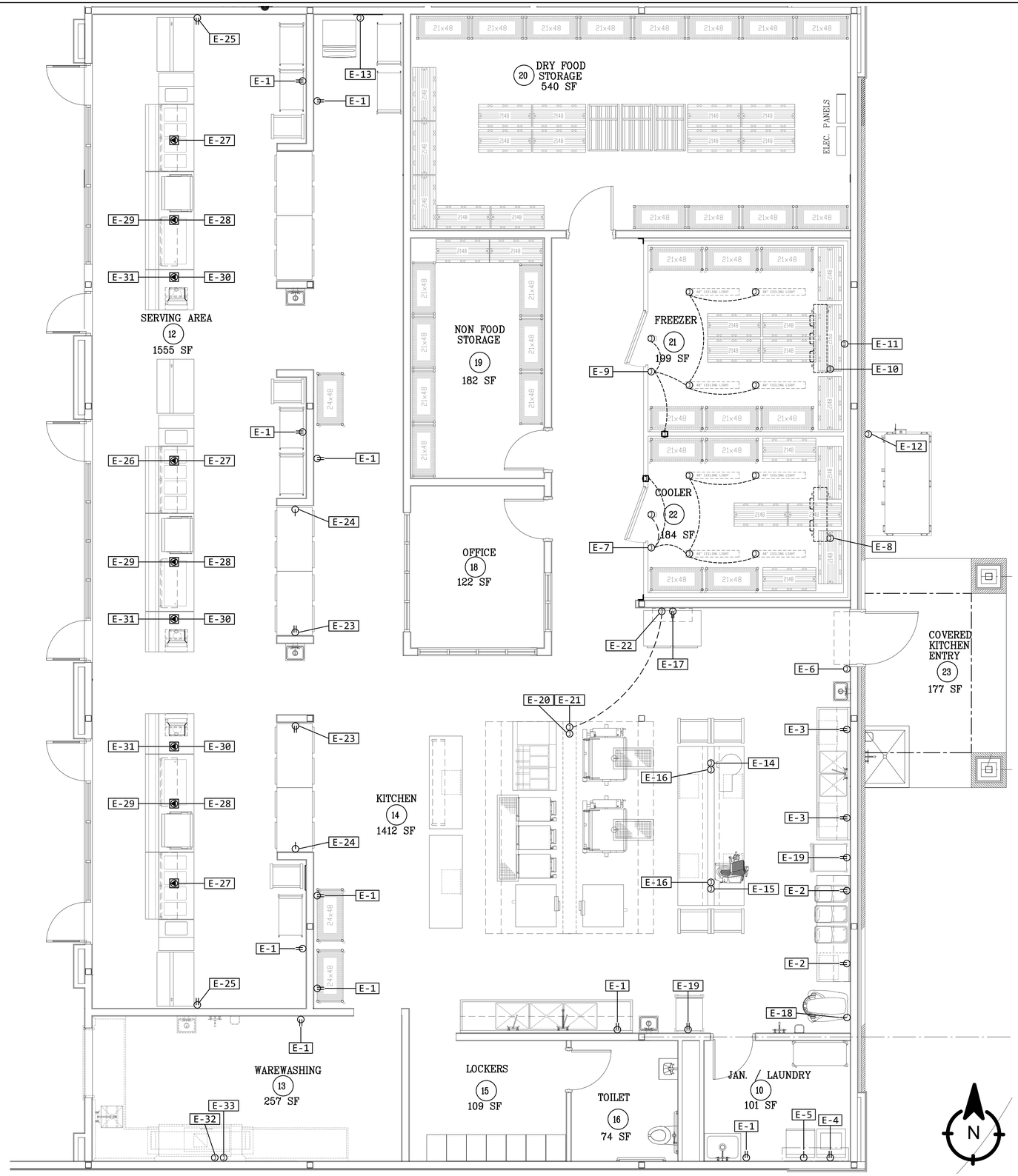
REVISED:

DRAWN BY: GKF / CJT

CHECKED BY: GKF / CJT

PROJECT NO. 2408

SHEET NO. FS-402



1 FOOD SERVICE EQUIPMENT ELECTRICAL ROUGH-IN PLAN
SCALE: 1/4" = 1'0"
RE:

ELECTRICAL ROUGH-IN SYMBOLS & ABBREVIATIONS	
ⓙ	JUNCTION BOX
⊖	SINGLE RECEPTACLE
⊖=	DUPLEX RECEPTACLE
V	VOLTS
PH	PHASE
KW	KILOWATT
MCA	MINIMUM CIRCUIT AMPACITY
CO	CONVENIENCE OUTLET
AFF	ABOVE FINISHED FLOOR
DFA	DOWN FROM ABOVE
UDS	UTILITY DISTRIBUTION SYSTEM

ELECTRICAL ROUGH-IN DATA SCHEDULE

CONN. NO.	ITEM NO.	DESCRIPTION OF UTILITY REQUIREMENTS	NOTES (RE: FS-502)
E-1	--	20A 120V CO 24" AFF	
E-2	--	20A 120V CO 46" AFF	
E-3	--	20A 120V CO 50" AFF	
E-4	1	20A 120V CIRCUIT 24" AFF FOR CLOTHES WASHER - NEMA 5-20R RECEPTACLE REQUIRED	
E-5	2	30A 120/208V 1-PH CIRCUIT 24" AFF FOR CLOTHES DRYER - NEMA 14-30R RECEPTACLE	
		REQUIRED	
E-6	6	5.1A 120V 90" AFF FOR AIR DOOR	7
E-7	7	4.6A 120V DFA FOR LIGHTS, DOOR HEATER, HEATED PRESSURE RELIEF PORT, AND	
		TEMPERATURE ALARM SYSTEM INSIDE WALK-IN COOLER ROOM	8-14
E-8	7	3A 120V DFA FOR EVAPORATOR COIL AND REFRIGERANT/LIQUID LINE SHUT-OFF VALVE OF	
		WALK-IN COOLER ROOM	8,10,11,15,16
E-9	7	5.6A 120V DFA FOR LIGHTS, DOOR HEATER, HEATED PRESSURE RELIEF PORT, AND	
		TEMPERATURE ALARM SYSTEM OF WALK-IN FREEZER ROOM	8-14
E-10	7	11.9A 208V 1-PH DFA FOR EVAPORATOR COIL AND REFRIGERANT/LIQUID LINE SHUT-OFF	
		VALVE OF WALK-IN FREEZER ROOM	8,10,11,15,16
E-11	7	2A 120V DFA FOR CONDENSATE DRAIN LINE HEATER OF WALK-IN FREEZER ROOM	8,10,11
E-12	8	33.3A 208V 3-PH (38.2 MCA/50 MOPD) 36" ABOVE CONCRETE PAD FOR REMOTE WALK-IN	
		COOLER/FREEZER REFRIGERATION SYSTEM	16,17
E-13	13	15A 208V 1-PH CIRCUIT (11.1 MCA) 72" AFF FOR ICE MACHINE	
E-14	16	13A 120V 6" AFF FOR FOOD CUTTER	18
E-15	17	5.6A 120V 6" AFF FOR SLICER	18
E-16	18	20A 120V CIRCUIT 6" AFF FOR CONVENIENCE OUTLETS OF PREPARATION COUNTER	18
E-17	20	8.2A 120V 86" AFF FOR REACH-IN REFRIGERATOR - NEMA 5-15R RECEPTACLE REQUIRED	
E-18	25	10A 208V 3-PH 24" AFF FOR 60-QUART MIXER - NEMA L15-20R RECEPTACLE REQUIRED	6
E-19	27	16A 120V 50" AFF FOR EACH MOBILE PROOFER WARMING CABINET - NEMA 5-20R	
		RECEPTACLE REQUIRED	
E-20	32	100A 120/208V 3-PH (4-WIRES + GROUND) DFA FOR UTILITY DISTRIBUTION SYSTEM	19-24
E-21	33	20A 120V CIRCUIT (24-HR SERVICE) DFA FOR FANS CONTROL PANEL OF EXHAUST HOOD	25-30
E-22	34	TERMINAL BLOCK DFA FOR FIRE SUPPRESSION SYSTEM	30-31
E-23	39	8.6A 120V 90" AFF FOR EACH PASS-THRU REFRIGERATOR - NEMA 5-20R RECEPTACLE	
		REQUIRED	
E-24	40	15.5A 120/208V 1-PH (3-WIRES + GROUND) 90" AFF FOR EACH PASS-THRU WARMER - NEMA	
		14-20R RECEPTACLE REQUIRED	6
E-25	42	4.2A 120V 24" AFF FOR EACH MOBILE MILK COOLER - NEMA 5-20R RECEPTACLE REQUIRED	
E-26	42	4.2A 120V 4" AFF FOR MOBILE MILK COOLER	32
E-27	44	9.6A 208V 1-PH 4" AFF FOR EACH MOBILE HOT FOOD COUNTER	32
E-28	45	6.7A 120V 4" AFF FOR EACH MOBILE FROST TOP COUNTER	32
E-29	46	7.5A 120/208V 1-PH 4" AFF FOR EACH HEATED SANDWICH MERCHANDISER	32
E-30	47	20A 120V COMPUTER GRADE CIRCUIT 4" AFF FOR EACH MOBILE CASHIER COUNTER	32
E-31	48	CAT-6 DATA OUTLET 4" AFF FOR EACH P.O.S. UNIT (NOT IN CONTRACT)	32
E-32	51	40.1A 480V 3-PH 72" AFF FOR INTEGRAL BOOSTER HEATER OF DISHWASHER (FUTURE	
		EQUIPMENT)	
E-33	51	30.6A 480V 3-PH 72" AFF (SINGLE-POINT CONNECTION) FOR CONTROLS, MOTORS, AND	
		ELECTRIC TANK HEAT OF DISHWASHER (FUTURE EQUIPMENT)	

NOTE:
REFER TO FS-502 FOR
ELECTRICAL ROUGH-IN NOTES

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

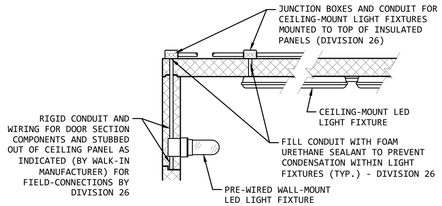
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM
RENOVATION FOR GONZALES MIDDLE
SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

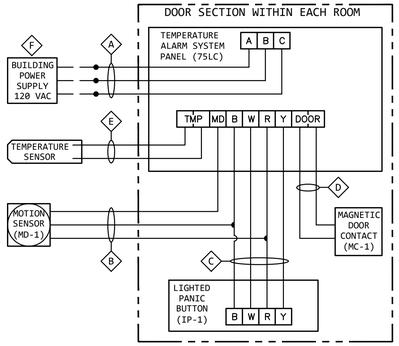
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: GKF / CJT
CHECKED BY: GKF / CJT
PROJECT NO. 2408
SHEET NO. FS-501



FOR INDOOR COOLER/FREEZER INSTALLATIONS

WALK-IN COOLER/FREEZER LIGHT FIXTURES INSTALLATION
REF: FS5.01 SCALE: NONE



WIRING DIAGRAM KEYNOTES

A. 120-VOLT CONTROL WIRING FOR TEMPERATURE ALARM SYSTEM PANEL (75LC). LIGHTING RELAY RATED FOR 8.3A @120V.

B. 22 AWG LOW VOLTAGE CONTROL WIRING FOR MOTION SENSOR(S) (MD-1).

C. 22 AWG LOW VOLTAGE CONTROL WIRING FOR LIGHTED PANIC BUTTON(S) (IP-1).

D. 22 AWG LOW VOLTAGE CONTROL WIRING FOR MAGNETIC DOOR CONTACT(S) (MC-1).

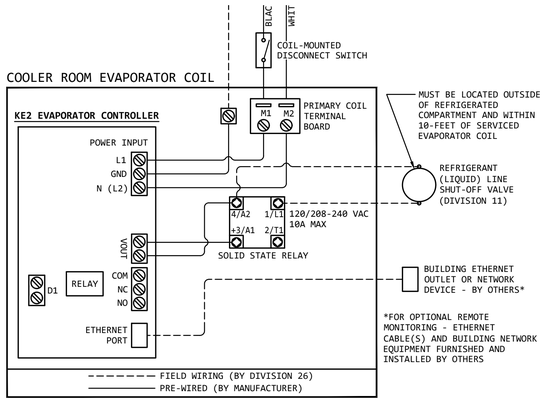
E. 25' LONG MANUFACTURER FURNISHED TEMPERATURE PROBE/WIRE ASSEMBLY.

F. LOCATED ABOVE CEILING PANEL (FOR INDOOR INSTALLATIONS) OR BELOW CEILING PANEL (FOR OUTDOOR INSTALLATIONS).

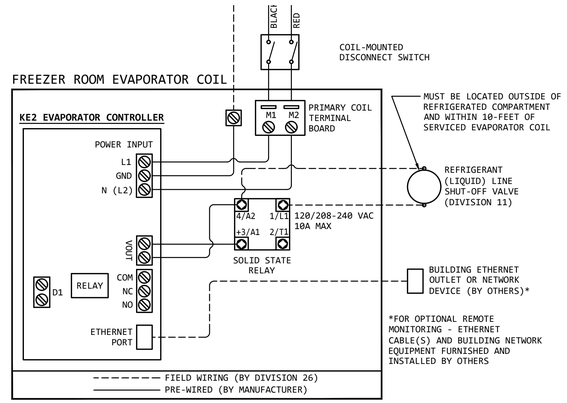
LEGEND
- — — — FIELD WIRING (BY CONTRACTOR)
——— PRE-WIRED (BY MANUFACTURER)

NOTE:
WIRING DIAGRAM IS BASED ON SPECIFIED BASIS OF DESIGN EQUIPMENT - VERIFY REQUIREMENTS WITH MANUFACTURER SHOP DRAWINGS AND/OR AS-BUILT WIRING DIAGRAMS OF FURNISHED EQUIPMENT

WALK-IN COOLER/FREEZER TEMPERATURE ALARM & LIGHT CONTROLS WIRING DIAGRAM
REF: FS5.01 SCALE: NONE



WALK-IN COOLER EVAPORATOR COIL ON-DEMAND CONTROLLER WIRING DIAGRAM
REF: FS5.01 SCALE: NONE



WALK-IN FREEZER EVAPORATOR COIL ON-DEMAND CONTROLLER WIRING DIAGRAM
REF: FS5.01 SCALE: NONE

WIRING DIAGRAM KEYNOTES

A. 20A 120V 3-WIRE POWER INPUT (DEDICATED) TO EXHAUST/SUPPLY FAN CONTROL PANEL.

B. FURNISH/INSTALL (4) 120-VOLT CONTROL WIRES FOR MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS - DIVISION 26.

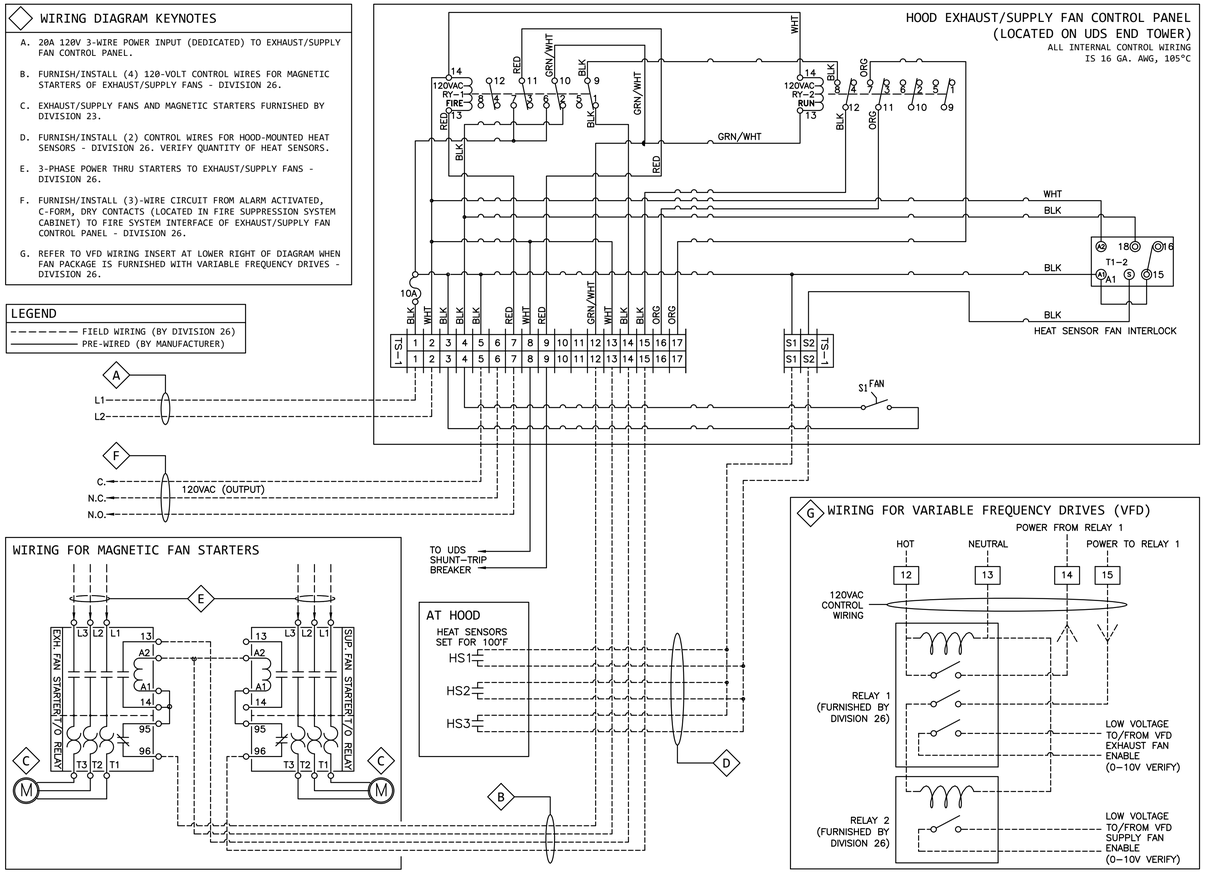
C. EXHAUST/SUPPLY FANS AND MAGNETIC STARTERS FURNISHED BY DIVISION 23.

D. FURNISH/INSTALL (2) CONTROL WIRES FOR HOOD-MOUNTED HEAT SENSORS - DIVISION 26. VERIFY QUANTITY OF HEAT SENSORS.

E. 3-PHASE POWER THRU STARTERS TO EXHAUST/SUPPLY FANS - DIVISION 26.

F. FURNISH/INSTALL (3)-WIRE CIRCUIT FROM ALARM ACTIVATED, C-FORM, DRY CONTACTS (LOCATED IN FIRE SUPPRESSION SYSTEM CABINET) TO FIRE SYSTEM INTERFACE OF EXHAUST/SUPPLY FAN CONTROL PANEL - DIVISION 26.

G. REFER TO VFD WIRING INSERT AT LOWER RIGHT OF DIAGRAM WHEN FAN PACKAGE IS FURNISHED WITH VARIABLE FREQUENCY DRIVES - DIVISION 26.



EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM
REF: SCALE: NONE

ELECTRICAL ROUGH-IN NOTES

1. ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED (INCLUDING EXISTING AND FUTURE EQUIPMENT) PLUS ELECTRICAL CONVENIENCE OUTLETS. CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
2. WHERE POSSIBLE, ALL ELECTRICAL CONDUIT/WIRING SHALL BE EXTENDED UP THROUGH AND OUT OF BUILDING WALLS.
3. EXTEND AND CONNECT WIRING FROM JUNCTION BOXES TO CONNECTION POINTS ON FOOD SERVICE EQUIPMENT - DIVISION 26.
4. WALL-MOUNTED JUNCTION BOXES SHALL BE RECESSED IN BUILDING WALL SO THAT EQUIPMENT CAN BE INSTALLED AGAINST WALLS.
5. FURNISH AND INSTALL ALL NECESSARY LINE DISCONNECT SWITCHES, UNLESS SPECIFIED OTHERWISE - DIVISION 26.
6. INSTALL CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO FOOD SERVICE EQUIPMENT WHERE REQUIRED - DIVISION 26.
7. INSTALL MICRO-SWITCH (FURNISHED BY MANUFACTURER) AT DOOR OPENING FOR ON/OFF OPERATION - DIVISION 26.
8. FURNISH AND INSTALL CONDUIT, JUNCTION BOXES, AND FIELD WIRING FOR COILS, CEILING-MOUNTED LIGHT FIXTURES, PRESSURE RELIEF PORTS, AND FREEZER DRAIN LINE HEATERS (FURNISHED BY DIVISION 11) OF WALK-IN COOLERS/AND FREEZERS - DIVISION 26.
9. HORIZONTAL RUNS OF CONDUIT FOR CEILING-MOUNTED LIGHT FIXTURES SHALL BE MOUNTED ON TOP OF WALK-IN CEILING PANELS - DIVISION 26.
10. ELECTRICAL CONDUIT WITHIN WALK-IN SHALL BE FILLED (INSIDE CONDUIT) WITH FOAM URETHANE TO PREVENT CONDENSATION - DIVISION 26.
11. PENETRATIONS OF WALK-IN CEILING/WALL PANELS SHALL BE SEALED WITH USDA-APPROVED SEALANT.
12. FURNISH AND INSTALL JUNCTION BOX ON TOP OF WALK-IN COOLER/FREEZER FOR POWER SOURCE OF TEMPERATURE ALARM SYSTEM (FURNISHED BY DIVISION 11) - DIVISION 26.
13. FURNISH AND INSTALL 18 GAUGE WIRING AND TEMPERATURE SENSORS OF TEMPERATURE ALARM SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS - DIVISION 11.
14. REFER TO DETAIL D___ AND DIAGRAM D___, THIS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS - DIVISIONS 11 & 26.
15. WALK-IN COOLER AND FREEZER EVAPORATOR COILS SPECIFIED INCLUDE PRE-WIRED ON-DEMAND DEFROST CONTROLLERS - OFF CYCLE/AIR (FOR COOLER) AND ELECTRIC HEAT (FOR FREEZER).
16. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EVAPORATOR COIL TO ELECTRIC SHUT-OFF VALVE (FIELD INSTALLED ON REFRIGERANT LIQUID LINE BY DIVISION 11) LOCATED OUTSIDE REFRIGERATED ROOM - DIVISION 26. RE: DIAGRAMS __ & _, THIS SHEET FOR ADDITIONAL REQUIREMENTS.
17. REMOTE REFRIGERATION SYSTEM SHALL INCLUDE PRE-WIRED UL-LISTED CIRCUIT BREAKERS AND NON-FUSED LINE DISCONNECT SWITCH - DIVISION 11.
18. EXTEND AND CONNECT WIRING FROM JUNCTION BOX TO COUNTER RECEPTACLE (FURNISHED BY DIVISION 11) - DIVISION 26.
19. FURNISH AND INSTALL MAIN SERVICE FEEDERS AND OVERLOAD PROTECTION DEVICES FOR CONTINUOUS OPERATING LOAD OF UTILITY DISTRIBUTION SYSTEM (UDS) - DIVISION 26. LOADS (INCLUDING RESERVE POWER) INDICATED ON DRAWINGS ARE CALCULATED AT AND/OR EXCEED 125% OF CONTINUOUS OPERATING LOAD OF EQUIPMENT.
20. INSPECT UDS FOR LOOSE CONNECTIONS (CAUSED BY SHIPPING) AND TIGHTEN AS REQUIRED - DIVISION 26.
21. INTERCONNECT ELECTRICAL FIELD JOINT OF UDS BY BOLTING BUS BARS AND/OR CABLE BUS WIRING TOGETHER - DIVISION 26. FITTINGS, BOLTS, QUICK-DISCONNECT DEVICES, ETC. SHALL BE SUPPLIED AND PRE-FITTED WITH UDS.
22. UDS SHALL BE EQUIPPED WITH SINGLE-POINT CONNECTIONS, MAIN ELECTRICAL DISCONNECT, POINT-OF-USE CIRCUIT BREAKERS, AND POWER SHUT-OFF DEVICE (SHUNT TRIP BREAKER). POWER TO COOKING EQUIPMENT SHALL SHUT OFF WHEN ACTIVATED BY FIRE EXTINGUISHING AND/OR BUILDING FIRE ALARM SYSTEMS.
23. CONNECT FLEX CONDUIT W/LEADS AND/OR CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO COOKING EQUIPMENT WHERE REQUIRED. DIVISION 26.
24. FURNISH AND INSTALL THREE (3) 120-VOLT WIRES FROM PRE-WIRED LIGHT SWITCH MOUNTED ON END RISER OF UDS TO JUNCTION BOXES (4-LOCATIONS) LOCATED ON TOP OF EXHAUST HOOD FOR PRE-WIRED EXHAUST HOOD LIGHTS - DIVISION 26.
25. WIRING OF EXHAUST AND SUPPLY FANS FOR EXHAUST HOOD SHALL BE INTERLOCKED TO MAINTAIN PROPER AIR BALANCE IN KITCHEN - DIVISION 26.
26. FURNISH AND INSTALL FOUR (4) 120-VOLT CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL (MOUNTED ON UDS) TO MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS (FURNISHED BY DIVISION 23) - DIVISION 26.
27. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO EACH OF FOUR (4) HEAT SENSORS MOUNTED IN EXHAUST HOOD - DIVISION 26.
28. MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS SHALL BE FURNISHED AND INSTALLED BY DIVISION 26.
29. EXHAUST/SUPPLY FAN CONTROL PANELS AND SWITCHES FOR EXHAUST HOODS SHALL BE FURNISHED BY DIVISION 11, THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE.
30. REFER TO EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM D____, THIS SHEET FOR ADDITIONAL REQUIREMENTS - DIVISION 26.
31. FURNISH AND INSTALL THREE (3) 120-VOLT CONTROL WIRES FROM TERMINAL BLOCK OF FIRE EXTINGUISHING SYSTEM TO FIRE SYSTEM INTERFACE OF EXHAUST HOOD CONTROL PANEL - DIVISION 26. EXHAUST FANS SHALL BE ACTIVATED AND SUPPLY FANS SHALL BE DE-ACTIVATED IN THE EVENT OF A FIRE.
32. INSTALL FLOOR MOUNTED STAINLESS STEEL OUTLET BOX/RECEPTACLES (FURNISHED BY DIVISION 11 PER DETAIL _____) - DIVISION 26.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

NEW CAFETORIUM & CLASSROOM RENOVATION FOR GONZALES MIDDLE SCHOOL
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR ISSUANCE OF A PERMIT.
GOSSEN-HOLLOWAY-CORTEZ

COPYRIGHT DATE: 08/29/25

REVISED:

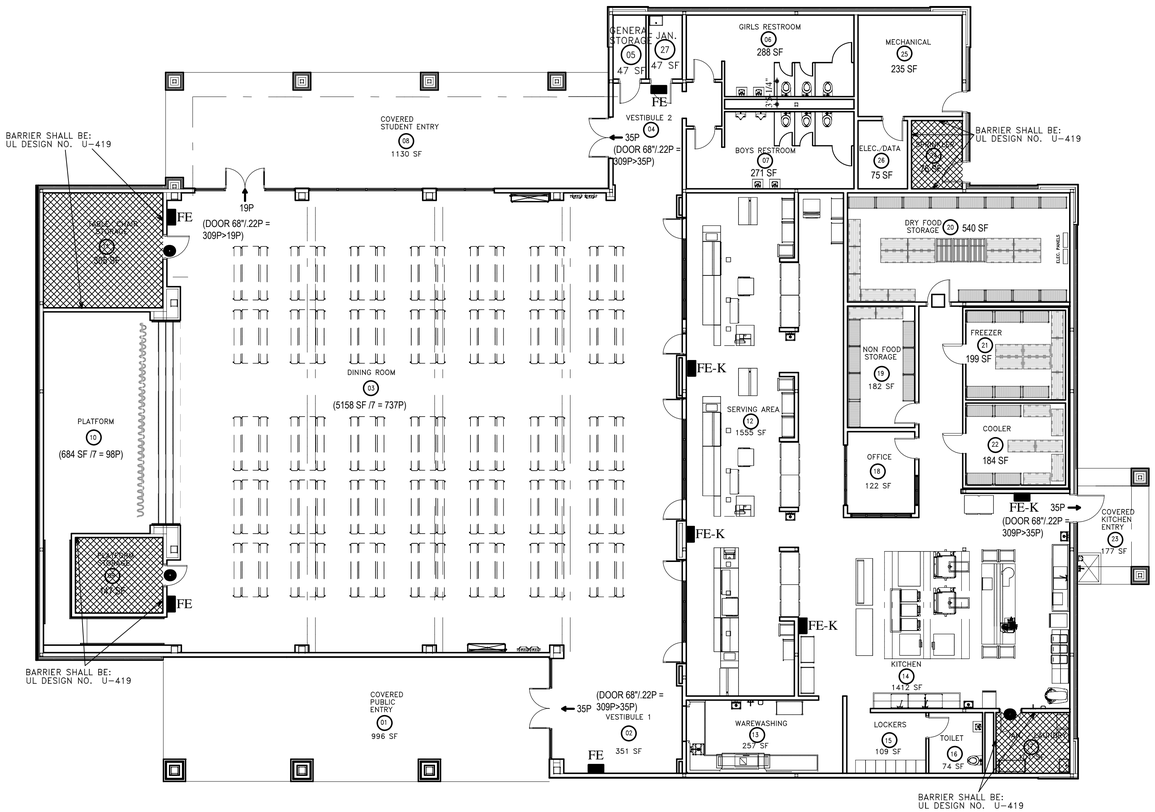
DRAWN BY: GKF / CJT

CHECKED BY: GKF / CJT

PROJECT NO. 2408

SHEET NO. FS-502

FUTCH DESIGN ASSOCIATES, INC. SINCE 1966
FOOD FACILITIES DESIGNERS & CONSULTANTS
7948 GOODWOOD BOULEVARD
BATON ROUGE, LA 70806
PH: 225.923.1289
WEB: WWW.FUTCHDESIGN.COM
1532



N

1 OVERALL FLOOR PLAN:
3/32"" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

BUILDING CODES:
INTERNATIONAL BUILDING CODE (IBC): 2021
NFPA 101 - LIFE SAFETY CODE: 2015
(W/ LA AMENDMENTS)
INTERNATIONAL MECHANICAL CODE (IMC): 2021
(W/ LA AMENDMENTS)
NATIONAL ELECTRICAL CODE (NEC): 2021
NATIONAL FIRE ALARM CODE (NFPA 72): 2018
INTERNATIONAL PLUMBING CODE: 2021
(W/ LA AMENDMENTS)
ENERGY CODE: IECC 2021
INTERNATIONAL FUEL / GAS CODE (IFGC): 2021
ADA-AG/ABA: 2010 STANDARD

OCCUPANCY TYPE:
IBC: EDUCATIONAL GROUP E (SECTION 303)
NFPA: EDUCATIONAL (6.1.2)
CONSTRUCTION TYPE:
IBC: TYPE II - B (TABLE 601; SPRINKLERED)
STRUCTURAL FRAME = 0
BEARING WALLS
EXTERIOR = 0
INTERIOR = 0
NONBEARING WALLS AND PARTITIONS
EXTERIOR = 0
INTERIOR = 0
FLOOR CONSTRUCTION = 0
ROOF CONSTRUCTION = 0

NFPA: TYPE II 000 (TABLE A.8.2.1.2; SPRINKLERED)
COLUMNS = 0
BEARING WALLS
EXTERIOR = 0
INTERIOR = 0
NONBEARING WALLS AND PARTITIONS
EXTERIOR = 0
INTERIOR = 0
BEAMS, GIRDERS & TRUSSES = 0
FLOOR/CEILING = 0
CEILING/ROOF = 0

COMMON PATH LIMIT:
IBC: 75 FT. (TABLE 1014.3)
NFPA: 100 FT. (TABLE A7.6)

TRAVEL DISTANCE LIMIT:
IBC: 250 FT. (TABLE 1016.1)
NFPA: 200 FT. (TABLE A7.6)

DEAD END LIMIT:
IBC: 50 FT. (1018.4)
NFPA: 50 FT. (TABLE A7.6)

CORRIDOR PROTECTION:
IBC (TABLE 1018.1): NO RATING
NFPA (CHAPTER 38): NO RATING

COMBUSTIBLE STORAGE AREA:
IBC (413.2): 1 HOUR RATING
NFPA (CHAPTER 38.3.2.2): 1 HOUR RATING

OCCUPANT LOAD:
IBC: (TABLE 1004.1.1)
ACCESSORY STORAGE & MECHANICAL
-JANITOR #27: UNOCCUPIED
-ELEC / DATA #26: UNOCCUPIED
-MECH ROOM #25 : UNOCCUPIED
-SPRINKLER #24: UNOCCUPIED
-TOILET#16: UNOCCUPIED
-GIRLS R.R. #06: UNOCCUPIED
-BOYS R.R. #07: UNOCCUPIED
-TABLE/CHAIR STORAGE #11: UNOCCUPIED
- PLATFORM STORAGE #09: UNOCCUPIED
- JAN/ LAUNDRY #17: UNOCCUPIED
- NON FOOD STORAGE #19: UNOCCUPIED
- DRY FOOD STORAGE #20: UNOCCUPIED
- FREEZER #21: UNOCCUPIED
- COOLER #22: UNOCCUPIED

ASSEMBLY
-DINING ROOM #03: (1 TOTAL)
1 PERSON PER 7 SF @ 5158SF = 736P

-PLATFORM #32: (1 TOTAL)
1 PERSON PER 7 SF @ 684SF = 98P

ACCESSORY BUSINESS
-SERVING AREA #012:1 PERSON PER 200 SF @ 1555SF = 8P
-KITCHEN #14: 1 PERSON PER 200 SF @ 1412SF = 8P
-WAREWASHING #13: 1 PERSON PER 200 SF @ 257SF = 2P
-LOCKERS #15: 1 PERSON PER 100 SF (200 SF/100) = 2 P
-OFFICE #18: 1 PERSON PER 100 SF @ 122SF = 2P

TOTAL OCCUPANT LOAD = 856 PERSONS
NFPA: (TABLE 7.3.1.2)

ALLOWABLE HEIGHT & BUILDING AREA:

IBC: TYPE II-B, GROUP E
BASE (TABLE 503):
HEIGHT = 75 FT.
STORIES = 3 STORIES
AREA/FLOOR = 58,000 SQ. FT.

CAFETORIUM BUILDING AREA = 16,100 SQ. FT.

SYMBOL LEGEND:

FIRE RATED OPENINGS

● – INDICATES 3/4 HR. FIRE RATED PARTICLE BOARD CORE WOOD DOOR IN A FIRE RATED STEEL FRAME.

FIRE ENCLOSURES AND BARRIERS

– INDICATES AREA TO BE PROTECTED BY A 1 HR. RATED ENCLOSURE WITH 45 MIN. SELF CLOSING DOORS. WALLS SHALL BE UL DESIGN ASSEMBLY:

STEEL STUD AND GYP. BOARD – UL DESIGN NO. U-419

ALL BARRIERS SHALL BE CONTINUOUS TO THE BOTTOM OF THE ROOF DECK. SEAL TOP OF WALL USING CONTINUOUS 1 HOUR RATED FIRE SEALANT (TYP.)

PORTABLE FIRE EXTINGUISHER NOTES:

FE – INDICATES LOCATION OF A.D.A. COMPLIANT SEMI-RECESSED FIRE EXTINGUISHERS. 10 POUND CAPACITY, ABC DRY CHEMICAL.
(LARSON "ARCHITECTURAL SERIES" 2409-6R WITH RECESSED PULLS AND VERTICAL DIE CUT RED LETTERING OR PRIOR APPROVED EQUAL)
WHEN REQUIRED: CONTRACTOR SHALL PROVIDE 1 HOUR FIRE RATED CABINET TO MAINTAIN FIRE RATED WALL ASSEMBLIES.

FE-K – INDICATES LOCATION OF SURFACE MOUNTED TYPE "K" FIRE EXTINGUISHER. 6 LITER OR LARGER CAPACITY WITH APPROPRIATE WALL MOUNTING BRACKET. (LARSON "WC SERIES" WITH STANDARD BRACKET, OR PRIOR APPROVED EQUAL)
A PERMANENT SIGN PLAQUARD SHALL BE INSTALLED ABOVE THIS EXTINGUISHER READING:
" SECONDARY BACK-UP EXTINGUISHING SYSTEM"

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any unauthorized use will be liable.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR REGULATORY APPROVAL, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

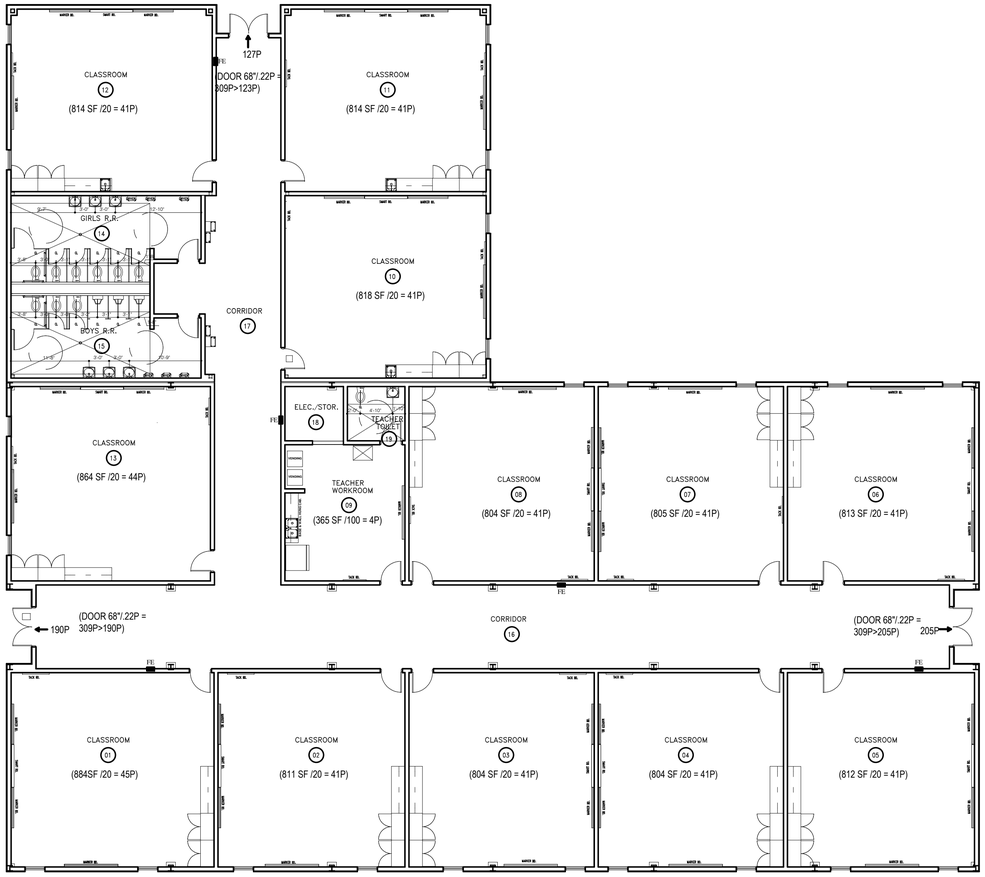
REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
LS-1.0



Classroom Renovation = 10,524 SF
Classroom Addition = 4,118 SF

N

1 OVERALL FLOOR PLAN:
3/32" = 1'0"
RE: FLOOR PLANS, ELEVATIONS, SECTIONS

BUILDING CODES:
INTERNATIONAL BUILDING CODE (IBC): 2021
NFPA 101 - LIFE SAFETY CODE: 2015
(W/ LA AMENDMENTS)
INTERNATIONAL MECHANICAL CODE (IMC): 2021
(W/ LA AMENDMENTS)
NATIONAL ELECTRICAL CODE (NEC): 2021
NATIONAL FIRE ALARM CODE (NFPA 72): 2018
INTERNATIONAL PLUMBING CODE: 2021
(W/ LA AMENDMENTS)
ENERGY CODE: IECC 2021
INTERNATIONAL FUEL / GAS CODE (IFGC): 2021
ADA-AG/ABA: 2010 STANDARD

OCCUPANCY TYPE:
IBC: EDUCATIONAL GROUP E (SECTION 303)
NFPA: EDUCATIONAL (6.1.2)
CONSTRUCTION TYPE:
IBC: TYPE II - B (TABLE 601; SPRINKLERED)
STRUCTURAL FRAME = 0
BEARING WALLS
EXTERIOR = 0
INTERIOR = 0
NONBEARING WALLS AND PARTITIONS
EXTERIOR = 0
INTERIOR = 0
FLOOR CONSTRUCTION = 0
ROOF CONSTRUCTION = 0

NFPA: TYPE II 000 (TABLE A.8.2.1.2; SPRINKLERED)
COLUMNS = 0
BEARING WALLS
EXTERIOR = 0
INTERIOR = 0
NONBEARING WALLS AND PARTITIONS
EXTERIOR = 0
INTERIOR = 0
BEAMS, GIRDERS & TRUSSES = 0
FLOOR/CEILING = 0
CEILING/ROOF = 0

COMMON PATH LIMIT:
IBC: 75 FT. (TABLE 1014.3)
NFPA: 100 FT. (TABLE A7.6)

TRAVEL DISTANCE LIMIT:
IBC: 250 FT. (TABLE 1016.1)
NFPA: 200 FT. (TABLE A7.6)

DEAD END LIMIT:
IBC: 50 FT. (1018.4)
NFPA: 50 FT. (TABLE A7.6)

CORRIDOR PROTECTION:
IBC (TABLE 1018.1): NO RATING
NFPA (CHAPTER 38): NO RATING

COMBUSTIBLE STORAGE AREA:
IBC (413.2): 1 HOUR RATING
NFPA (CHAPTER 38.3.2.2): 1 HOUR RATING

OCCUPANT LOAD:
IBC: (TABLE 1004.1.1)
ACCESSORY STORAGE & MECHANICAL
-TEACHER TOILET #19: UNOCCUPIED
-ELEC/STOR #18: UNOCCUPIED
-GIRLS R.R. #14: UNOCCUPIED
-BOYS R.R. #15: UNOCCUPIED

EDUCATION
-STANDARD CLASSROOMS #01,02,03,04,05,06,07,08,
10,11,13,12: (12 TOTAL)
1 PERSON PER 20 SF
CLASSROOMS 01 THRU 12 = 41 ea x 12 = 492 P

-TEACHER WORK ROOM #09 - 365SF @ 100SF/P = 4P

TOTAL OCCUPANT LOAD = 496 PERSONS
NFPA: (TABLE 7.3.1.2)

ALLOWABLE HEIGHT & BUILDING AREA:

IBC: TYPE II-B, GROUP E
BASE (TABLE 503):
HEIGHT = 75 FT.
STORIES = 2 STORIES
AREA/FLOOR = 58,000 SQ. FT.
.

CLASSROOM BUILDING AREA = 14,642 SQ. FT.

SYMBOL LEGEND:

PORTABLE FIRE EXTINGUISHER NOTES:

FE – INDICATES LOCATION OF A.D.A. COMPLIANT SEMI-RECESSED FIRE EXTINGUISHERS. 10 POUND CAPACITY, ABC DRY CHEMICAL.

(LARSON "ARCHITECTURAL SERIES" 2409-6R WITH RECESSED PULLS AND VERTICAL DIE CUT RED LETTERING OR PRIOR APPROVED EQUAL)

CONTRACTOR SHALL PROVIDE 1 HOUR FIRE RATED CABINET WHERE REQUIRED TO MAINTAIN FIRE RATED WALL ASSEMBLIES.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without this written consent of the architect. Any violation is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
GOSSEN HOLLOWAY & ASSOCIATES

COPYRIGHT DATE:
08/30/25

REVISED:

DRAWN BY:
JPC

CHECKED BY:
JPC

PROJECT NO.
2408

SHEET NO.
LS-2.0

GENERAL MECHANICAL NOTES:

1. ALL INSTALLATION OF DUCTWORK IS TO TAKE PRECEDENCE OVER THE INSTALLATION OF ALL PLUMBING LINES (EXCEPT GRADE SENSITIVE LINES), ELECTRICAL CONDUIT, AND SPRINKLER LINES, MECHANICAL CONTRACTOR TO COORDINATE IN FIELD WITH ALL DISCIPLINES PRIOR AND DURING CONSTRUCTION.
2. CONTRACTOR TO PROVIDE INSULATED SHEET METAL PLENUM OF REAR OF SUPPLY GRILLE AND TAP INTO SIDE OF PLENUM WITH BRANCH DUCT. REFER TO DRAWINGS FOR SIZE OF BRANCH DUCT. CONTRACTOR TO USE THIS SETUP ONLY WHEN THE CEILING SPACE DOES NOT ALLOW FOR A SMOOTH ROUND RADIUS ELBOW DOWN TO SUPPLY GRILLE. REFER TO TYPICAL DETAIL.
3. FLEXIBLE DUCT SHALL NOT PENETRATE ANY WALLS UNLESS SUBMITTED ON FOR PRIOR APPROVAL TO BOTH THE ARCHITECT AND THE MECHANICAL ENGINEER.
4. **SHEET METAL DUCTWORK SHALL NOT BE SHOP FABRICATED UNTIL FIELD MEASURMENTS HAVE BEEN VERIFIED BY MECHANICAL CONTRACTOR.**
5. ALL CONDENSATE LINES SHALL BE INSULATED, THIS PROJECT. INSULATION TO BE CELLULAR FOAM UNLESS OTHERWISE NOTED IN SPECIFICATIONS. ALL CONDENSATE LINES TO BE RIGID COPPER, REFER TO SCHEDULES FOR SIZES. SUPPORT CONDENSATE DRAIN WITH UNISTRUT PIPE SUPPORT EVERY 4'-0" AND AT EVERY TURN. PROVIDE NEOPRENE SLEEVE BETWEEN UNISTRUT AND COPPER CONDENSATE LINE. SUPPORTS NOT SHOWN FOR CLARITY.
6. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR DRAINS AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT AND EQUIPMENT PADS. FLOOR DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT.
7. CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON LOCATION OF ALL FIRE WALL PENETRATIONS BY DUCT. MECHANICAL CONTRACTOR TO PROVIDE 2 HR FIRE DAMPER IN DUCT, TYPICAL ALL FIREWALL PENETRATIONS. GENERAL CONTRACTOR TO FRAME OUT AS REQUIRED FOR DUCTS TO PENETRATE FIREWALL. REFER TO DRAWINGS FOR EXACT LOCATION. REFER TO ARCHITECTURAL LIFE SAFETY PLAN OR AS NOTED ON DRAWINGS, REFER TO SHEETS LS SHEETS. CONTRACTOR SHALL ALSO REFER TO ALL ADDENDA AND COORDINATE WITH LIFE SAFETY SHEETS THAT ARE REVISED DURING THE ADDENDA PERIOD.
8. ALL EQUIPMENT SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS SO AS TO MAINTAIN GUARANTEES, PROVIDE ADDITIONAL SUPPORTS, DRAINS, EQUIPMENT, ETC. TO CONFORM TO MANUFACTURERS RECOMMENDED INSTALLATION. CONTRACTOR IS TO PROVIDE AND INSTALL ALL SUPPORTS AND HANGERS THAT ARE REQUIRED FOR A PROPER INSTALLATION.
9. DUCTWORK & PIPING RUNS ARE SHOWN DIAGRAMMATICALLY. MECHANICAL CONTRACTOR SHALL ROUTE IN MOST DIRECT MANNER AVOIDING ANY OBSTRUCTIONS NOT INDICATED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE ELECTRICAL AND OTHER TRADES, ESPECIALLY COORDINATION CONCERNING PENETRATIONS OF THE WALLS AND FLOORS WITH PIPE AND DUCTWORK.
11. ALL MODEL NUMBERS SHOWN FOR SPECIFIC MANUFACTURER'S REPRESENT THE TYPE AND QUALITY OF EQUIPMENT TO BE USED. SUBMIT FOR PRIOR APPROVAL ANY EQUIPMENT BEFORE BIDDING.
12. COORDINATE ALL UNDERGROUND PIPE (SEWER, GAS, WATER, ETC.) WORK WITH EXISTING UNDERGROUND WORK EG. FEEDER CIRCUITS, SEWER, GAS, TELEPHONE, WATER, DRAINAGE (ETC.) LOCATE ALL UNDERGROUND UTILITIES BEFORE WORK TO THIS PROJECT. MARKED UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR TO PLACE BACK IN ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT. **UNMARKED UTILITIES DAMAGED WILL BE REPAIRED BY THE CONTRACTOR.**
13. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH ALL OTHER DIVISIONS. SHOULD CONFLICTS ARISE WHICH CANNOT BE CORRECTED WITH MINOR DEVIATIONS. THE CONTRACTOR SHALL CALL THESE CONFLICTS TO THE DESIGNER'S ATTENTION BEFORE PROCEEDING. ALL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND/OR MOUNTING DETAILS SHOWN WITH MODIFICATIONS OF SAME AS REQUIRED TO SUIT FINISHED CONDITIONS.
14. CONTRACTOR SHALL FURNISH AND INSTALL THE MECHANICAL EQUIPMENT AS SHOWN OR DETAILED BY THE CONTRACT DOCUMENTS FOR THIS PROJECT. WHERE SPACE OR SPARE DEVICES ARE SHOWN, CONTRACTOR SHALL PROVIDE.
15. CONTRACTOR SHALL PROVIDE PERMANENT LAMINATED LABELS FOR ALL EQUIPMENT THIS PROJECT (I.E. EACH AIR HANDLING UNITS, CONDENSING UNITS, FANS, ETC.). LABELING SHALL BE A MINIMUM OF 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND. LABELS SHALL BE CONSTRUCTED OF MINIMUM 1" WIDE BY LENGTH AS REQUIRED LAMINATED PLASTIC SECURELY FASTENED TO DEVICE WITH STAINLESS STEEL HARDWARE. PRESSURE SENSITIVE "STICK ON" LABELS SHALL NOT BE ALLOWED.
16. MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND PIPE PENETRATIONS (WALL, FLOOR) WITH ALL OTHER DISCILPLINES IN FIELD PRIOR TO INSTALLATION.
17. REFER TO ARCHITECT FOR MOUNTING HEIGHT OF ALL SIDEWALL GRILLES & REGISTERS.
18. THE USE OF THE TERM "PROVIDE" SHALL MEAN TO "FURNISH AND INSTALL THE ASSOCIATED DEVICE OR EQUIPMENT, COMPLETE AND READY FOR THE INTENDED USE".
19. CONTRACTOR SHALL BE AWARE THAT SPACE IS LIMITED THIS PROJECT. CONTRACTOR SHALL CAREFULLY REVIEW THE SPACE PROVIDED FOR THE DUCTWORK AND PIPE THIS PROJECT AND MAKE REQUIRED ALLOWANCES FOR THE SIZE OF MECHANICAL EQUIPMENT TO BE PROVIDED BEFORE BIDDING.
20. **MANUAL VOLUME DAMPER ACCESS IN INACCESSIBLE LOCATIONS:**
    1. WHERE MANUAL VOLUME DAMPERS ARE LOCATED IN INACCESSIBLE LOCATIONS (I.E ABOVE HARD GYPSUM CEILINGS OR HIGHER THAN 4'-0" ABOVE AN ACCESSIBLE CEILING TILE), CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM. THE BALANCE SYSTEM CONSISTS OF A DAMPER, PULSE ACTUATOR, CAT 5 CABLE, WALL OR CEILING PLATE, AND HAND HELD POWER PACK. CONTRACTOR TO INSTALL WALL/CEILING ACCESS PORT ON WALL WITHIN MECHANICAL ROOM OF CLOSEST PROXIMITY TO MANUAL DAMPER. ALL ACCESS PORTS TO BE PROPERLY LABELED NUMERICALLY BY RESPECTIVE AIR SYSTEM & ROOM THAT THE DAMPER(S) SERVE. COORDINATE WITH MECHANICAL ENGINEER PRIOR TO LABELING. POTTORF APPROVED EQUAL.
    2. TYPICAL ALL INACCESSIBLE MANUAL VOLUME DAMPERS.
    3. REFER TO ARCHITECTURAL SHEETS FOR REFLECTED CEILING PLANS.
    4. REFER TO MECHANICAL DRAWINGS & SPECIFICATION 233300 FOR LOCATIONS WHERE MANUAL VOLUME DAMPERS ARE REQUIRED.
    5. REFER TO DETAIL #9 SHEET M-4.1.
    6. ROUND ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBD.
    7. RECTANGULAR ELECTRONIC BALANCING DAMPER WITH POSITION INDICATOR SHALL BE YOUNG REGULATOR MODEL EBDR.
21. NO FLEX DUCT ALLOWED IN EXHAUST, RETURN, & FRESH AIR DUCT SYSTEMS.
22. ALL FIRE DAMPERS ARE TO BE RATED AT 2 HR. UNLESS OTHERWISE NOTED ON PLANS, THIS PROJECT. SEAL ALL FIRE WALL PENETRATIONS (DUCT, PIPE, ETC.) WITH UL-LISTED FIRE CAULK.
23. ALL EXTERIOR LOUVERS ARE TO BE PRE-FINISHED TO MATCH EXTERIOR OF BUILDING, REFER TO ARCHITECT. ALL EXTERIOR WALL LOUVERS TO BE WEATHERPROOF WITH MINIMUM 50% FREE AREA. ALL LOUVERS TO HAVE DRAIN BLADES WITH EXTENDED SILL & CHANNEL FRAME.
24. DRAWINGS BASED ON EQUIPMENT SPECIFIED. SHOULD OTHER EQUIPMENT BE USED, IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO COORDINATE ALL STRUCTURAL (ROOF PENETRATIONS, ETC.) AND ELECTRICAL (WIRE SIZES, ETC.) DIFFERENCES WITH ALL OTHER DISCIPLINES AS TO AVOID ANY CONFLICTS PRIOR TO CONSTRUCTION. COLOR SELECTION TO BE BY ARCHITECT.
25. ALL EXPOSED DUCTWORK SHALL BE OF PAINT GRIP GALVANIZED SHEETMETAL UNLESS OTHERWISE NOTED ON DRAWINGS.
26. ALL ROUND DUCT SHALL BE MINIMUM 26 GA. AS PER SMACNA STANDARDS. TYPICAL ALL ROUND DUCT.
27. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE ARCHITECT/ENGINEER AND THE OWNER OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.
28. CONTRACTOR TO COORDINATE EXACT LOCATION OF ALL GRILLES WITH NEW LIGHTS TO BE INSTALLED PRIOR TO CONSTRUCTION.
29. ALL DUCTWORK SEPARATED BY THE SYMBOL "/" DESIGNATES OVAL DUCTWORK AND ALL DUCTWORK SEPARATED BY "x" DESIGNATES RECTANGULAR DUCTWORK.
30. PROVIDE ELECTRICAL DISCONNECTS AT ALL AIR HANDLING UNITS, FAN COIL UNITS, CONDENSING UNITS, FANS, ETC. TYPICAL ALL MECHANICAL EQUIPMENT. COORDINATE WITH ELECTRICIAN PRIOR TO BID TO ENSURE ALL REQUIRED LABOR/MATERIAL IS INCLUDED IN BID FOR A COMPLETE AND WORKING SYSTEM.
31. IF REQUESTED BY OWNER/ARCHITECT, THE CONTRACTOR IS TO PROVIDE & INSTALL CLEAR LOCK BOX COVERS FOR THERMOSTATS/HUMIDISTATS AND SENSORS AS MANUFACTURED BY KELE (WWW.KELE.COM).
32. CONTRACTOR TO INSTALL ALL DUCT SLEEVES (IF APPLICABLE) IN WALLS ABOVE CEILINGS AS HIGH AS POSSIBLE. DUCT SLEEVE TO EXTEND 24" PAST WALL PENETRATION, BOTH SIDES.
33. SUBMISSION OF BID DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH HE WILL BE OBLIGATED TO OPERATE. SHOULD HE BE AWARDED THE WORK UNDER THIS CONTRACT NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
34. COORDINATE WITH ENGINEER ON FAN CURVE ORIENTATION AT AIR HANDLING UNITS PRIOR TO SUBMITTING PRIOR APPROVAL.
35. SUCCESSFULLY PRESSURE TEST ALL PIPING SYSTEMS. TEST SHALL BE PERFORMED AS NOTED IN SPECIFICATIONS (OR PER LOCAL CODE/JURISDICATION, WHICHEVER IS MOST STRICT). REPAIR AND RETEST AS REQUIRED UNITL SYSTEMS PROVE TIGHT.
36. ENTIRE CHILLED WATER & HEATING HOT WATER SYSTEMS TO BE FLUSHED BEFORE EQUIPMENT STARTUP (INCLUDING THE FLUSHING OF ALL STRAINERS & REMOVAL OF STARTUP SCREENS).
37. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR PIPING. DO NOT LEAVE PIPING OPEN ENDED.
38. PRIOR TO SUBMITTING EQUIPMENT, MECHANICAL CONTRACTOR SHALL VERIFY ALL SIZES. JOB DESIGNED AROUND EQUIPMENT WITH SPECIFIED MODEL NUMBERS IN SCHEDULE, OTHER EQUIPMENT SUBJECT TO REJECTION DUE TO TIGHT SPACE CONSTRAINTS, THIS PROJECT.
39. THIS CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE ARCHITECT/OWNER AND/OR ENGINEER FOR EXPEDITING AND RESOLVE.
40. CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSED BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT.
41. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
42. ALL MANUAL VOLUME DAMPERS IN VERTICAL POSITION OF DUCTWORK IN MECHANICAL ROOMS SHALL BE ACCESSIBLE FROM THE FLOOR.
43. ALL ROOF MOUNTED EQUIPMENT (FANS, CURBS, VENTS, ETC.) SHALL COME PRE-FINISHED FROM RESPECTIVE MANUFACTURER. COLOR SELECTION TO BE BY ARCHITECT.
44. THE CONTRACTOR SHALL PROVIDE TRANSITIONS FROM REAR OF ALL GRILLES TO BRANCH DUCT AS REQUIRED. REFER TO CONSTRUCTION DOCUMENTS FOR SIZES OF ALL GRILLES AND BRANCH DUCTS.
45. ALL EXPOSED EQUIPMENT & MATERIAL TO BE PAINTED, REFER TO ENGINEER/ARCHITECT FOR COLOR SELECTION. PAINTING/COLOR SELECTION TO BE DONE IN FIELD DURING CONSTRUCTION.
46. CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT PRIOR TO INSTALLING ANY TEMPERATURE SENSORS ON WALLS. ALL TEMPERATURE SENSORS TO BE COORDINATED WITH ALL ARTWORK, SCREENS, FURNITURE, ETC. TO BE INSTALLED ON WALLS. OWNER TO APPROVE FINAL LAYOUT PRIOR TO CONSTRUCTION/INSTALLATION.
47. CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL VALVES, ALL EQUIPMENT IN INACCESSIBLE LOCATIONS. ACCESS PANEL TO BE OF SUFFICIENT SIZE TO ACCESS EQUIPMENT. PANELS TO HAVE SAME RATING AS CEILING, REFER TO ARCHITECTURAL LIFE SAFETY PLAN. PAINT PANEL TO MATCH CEILING COLOR.
48. ALL MECHANICAL ROOMS (ROOMS CONTAINING AIR HANDLING UNITS, PUMPS, WATER HEATERS, ETC.) TO BE LINED WITH PELICAN BOARD, NAUTICA IMO PFG ACOUSTIC BOARD, SOUND ATTENUATING ASSEMBLY. INTERIOR WALLS, CEILING AND BACK OF DOORS SHALL BE LINED WITH 2" THICK PERFORATED VINYL LINED SOUND INSULATION BOARD. CONTRACTOR TO INSTALL RIGID FIBERGLASS INSULATION WITH PERFORATED VINYL LINED SIDE FACING INSIDE OF MECHANICAL ROOM. NO EXCEPTION. ADHERE INSULATION TO WALL WITH STICK CLIP, DOME WASHERS, AND PROVIDE DOME CAP TO CONCEAL EXPOSED CLIP POINTS. SEAL ALL SEAMS & SIDE FACE OF INSULATION.
49. ALL UTILITY TIE-IN LOCATIONS (SEWER, DOMESTIC WATER, HYDRONIC WATER, GAS PIPING, ETC.) ARE TO BE LOCATED AT THE BEGINNING OF PROJECT, PRIOR TO ANY/ALL CONSTRUCTION. UPON LOCATION TIE-IN LOCATIONS, CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER IF ANY CONFLICTS ARISE FOR FURTHER ACTION.
50. CONTRACTOR TO PROVIDE & INSTALL HOLD DOWN CLIPS & FASTENERS ON CEILING TILE/GRID AT EVERY CEILING TILE/GRID WITHIN 30'-0" (IN EVERY DIRECTION, MULTIPLE ROOMS AS REQUIRED) FROM ALL SIDES OF ALL MECHANICAL ROOMS, HOLD DOWN CLIPS TO BE BY SAME MANUFACTURER AS CEILING TILES, COORDINATE WITH GENERAL CONTRACTOR & CEILING CONTRACTOR.
51. CONTRACTOR TO COORDINATE ALL THERMOSTAT/HUMIDISTAT/SENSOR LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR TO RELOCATE THERMOSTATS/HUMIDISTATS/SENSORS AT NO ADDITIONAL COST TO PROJECT SHOULD THE CONTRACTOR FAIL TO COORDINATE LOCATIONS PRIOR TO INSTALLATION WITH THE OWNER.
52. ALL AIR HANDLING UNIT AUXILIARY DRAIN PANS ARE TO BE PIPED TO NEAREST FLOOR/HUB DRAIN IN AIR HANDLING UNIT ROOM/MEZZANINE/CEILING SPACE/ETC., PROVIDE SHUTOFF VALVE WITHIN AUXILIARY DRAIN PAN PIPING, VALVE TO BE NORMALLY CLOSED.
53. A. ALL INSULATED PIPING ON INTERIOR OF BUILDINGS ARE TO RECEIVE COLOR CODED PVC JACKETS WITH LABELS AND DIRECTIONAL FLOW ARROWS. INCLUDING ALL ELBOWS AND FITTINGS.
    B. THE MECHANICAL CONTRACTOR ARE TO SUBMIT WELDING CERTIFICATES FOR ALL WELDERS THAT ARE TO BE WORKING ON THE PROJECT. NO EXCEPTION. A 'WELDER' SHALL REFER TO ANY LABORER WELDING STEEL PIPE, BRAZING COPPER PIPE, OR SOLDERING COPPER PIPE.
    C. CHINESE PIPE & TAIWANESE PIPE ARE NOT ACCEPTABLE.
    D. BOILER & WATER HEATER TEST CERTIFICATES: IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH BOILER, LARGE (GREATER THAN 50 GALLON CAPACITY) WATER HEATER, KITCHEN EQUIPMENT STEAMERS, AND PRESSURE VESSELS INSPECTED BY A STATE OF LOUISIANA CERTIFIED INSPECTOR UPON INSTALLATION. A COPY OF EACH REPORT SHALL BE TRANSMITTED TO THE ARCHITECT. ONE ADDITIONAL COPY OF EACH REPORT SHALL BE INCLUDED IN EACH OF THE THREE CLOSE-OUT MANUALS.
    E. ALL CONCRETE EQUIPMENT HOUSEKEEPING PADS ARE TO BE 6" THICK CONCRETE REINFORCED HOUSEKEEPING PADS, SIZED AS REQUIRED, MIN. 6" CLEARANCE ALL AROUND. CONTRACTOR TO INSTALL 4" WIDE REFLECTIVE ACRYLIC SELF-ADHESIVE VINYL BLACK/YELLOW STRIPED CAUTION/WARNING TAPE ON VERTICAL RISE OF ALL CONCRETE HOUSEKEEPING PADS, TAPE TO BE INCOM MANUFACTURING MODEL #RST146, TAPE TO MEET ASTM D-4956-99, SUBMIT SUBMITTAL OF TAPE TO ENGINEER FOR REVIEW. REFER TO TYPICAL DETAIL.
    F. ALL AIR HANDLING UNIT AUXILIARY DRAIN PANS ARE TO BE PIPED TO NEAREST FLOOR DRAIN IN AIR HANDLING UNIT ROOM, PROVIDE SHUTOFF VALVE WITHIN AUXILIARY DRAIN PAN PIPING, VALVE TO BE NORMALLY CLOSED.
54. UTILITIES: REGARDLESS OF DUTY OF PAYMENT, THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND SCHEDULING UTILITY HOOK UPS AND WE REQUIRE DUE DILIGENCE IN FLAGGING CONFLICTS WITH ROUTES AND LOCATIONS. OWNER IS TO BE PRESENT FOR A COORDINATION MEETING BETWEEN CONTRACTOR AND UTILITY COMPANY REPRESENTATIVES IF CONTRACTOR CHOOSES TO MEET IN PERSON. CONTRACTOR IS ALSO RESPONSIBLE FOR INCLUDING COST OF TEMPORARY UTILITIES IN THE BID. GAS: APSB PAYS FOR THE EXTENSION TO THE METER AND FOR THE INSTALLATION OF THE METER. CONTRACTOR PAYS FOR EVERYTHING FROM THE METER FORWARD.

MECHANICAL SYSTEM NOTES PER ASCENSION PARISH SCHOOL BOARD:

1. ALL WALL APPLIED ITEMS (SUCH AS, BUT NOT NECESSARILY LIMITED TO, THERMOSTATS, ANNUNCIATORS, AND DETECTORS) SHALL BE INSTALLED PLUMB, LEVEL, AND IN THE LOCATIONS DESIGNATED ON THE CONTRACT DOCUMENTS. ALL DEVICE COVERS AND TRIM SHALL FIT SNUGLY TO WALL SURFACES ON ALL SIDES. IF THE CONTRACT DOCUMENTS HAVE OVERLOOKED SPECIFIC LOCATIONS FOR SUCH ITEMS, THEN THE CONTRACTOR SHALL OBTAIN CLARIFICATION AND DIRECTION FROM THE ARCHITECT PRIOR TO INSTALLATION OF THESE ITEMS.
2. FOR UNDERGROUND BORED AND OPEN CUT PIPES, THE GROUNDING WIRE SHALL BE A SINGLE CONDUCTOR AND NOT STRANDED WIRE. THE WIRE SHALL BE 12-GAUGE FOR 2" AND SMALLER PIPING AND 8-GAUGE FOR LARGER THAN 2" PIPING. ANY CONNECTION TO T-SPLICE SHALL BE MADE USING TAPED SPLIT-BOLT CONNECTORS OR MULTI-CABLE CONNECTOR BLOCK (POLARIS BLOCK) WITH SILICONE FOR UNDERGROUND/WET LOCATIONS.

GENERAL MECHANICAL NOTES:

1. REFER TO SHEET M1.0 FOR ALL MECHANICAL PLAN KEYNOTES, M001 FOR GENERAL MECHANICAL NOTES, LEGEND, ETC.
2. CONTRACTOR TO COORDINATE ALL THERMOSTAT/HUMIDISTAT LOCATIONS WITH ALL MILLWORK, PAINTINGS, ETC. FIGURE IN BID RELOCATION OF THERMOSTATS/HUMIDISTATS IN BID AS PER OWNER TO ACCOMMODATE ALL OWNER FURNISH WALL COVERINGS.
3. PROVIDE YOUNG REGULATORS FOR ALL MANUAL VOLUME DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN. REFER TO GENERAL NOTE #20 SHEET M-0.1.
4. MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND STEEL SUPPLIER ON EXACT STEEL MEMBERS TO BE SUPPLIED TO PROJECT. NOTIFY ARCHITECT/ENGINEER OF ANY POTENTIAL CONFLICTS PRIOR TO ORDERING STRUCTURAL SYSTEM. PROVIDE SUBMITTAL TO MECHANICAL ENGINEER FOR REVIEW PRIOR TO ORDERING STRUCTURAL STEEL SYSTEM.
5. CONTRACTOR TO FIELD VERIFY ALL CONDITIONS (STRUCTURAL SYSTEMS, OTHER DISCIPLINES, ETC.) PRIOR TO CONSTRUCTING DUCTWORK/PIPING, NO EXCEPTION.
6. CONTRACTOR TO PROVIDE COORDINATION DRAWINGS. CONTRACTOR TO COORDINATE THE PRELIMINARY SPRINKLER PLAN, DUCTWORK SHOP DRAWINGS, & STRUCTURAL STEEL SHOP DRAWINGS PRIOR TO SUBMITTING TO DESIGN TEAM. CONTRACTOR TO INCLUDE ALL REQUIRED OFFSETS IN PIPING & DUCTWORK IN BID. NO ADDITIONAL COST WILL BE PROVIDED TO CONTRACTOR FOR FAILURE TO COORDINATE ALL PIPING & DUCTWORK WITH STEEL. ALL SHOP DRAWINGS ARE TO INCLUDE SECTION CUTS OF ALL BUILDINGS FOR COORDINATION PURPOSES.
7. CONTRACTOR TO PROVIDE MECHANICAL ENGINEER WITH 1/4" = 1'-0" SCALE DRAWING OF ALL MECHANICAL ROOMS SHOWING PIPE, DUCTWORK, PADS, ACTUAL UNIT SIZE OF EQUIPMENT TO BE INSTALLED, ETC. WITH ALL EQUIPMENT SUBMITTALS. TYPICAL ALL EQUIPMENT ROOMS CONTAINING MECHANICAL EQUIPMENT (HOT WATER HEATERS, AIR HANDLERS, ETC.).

THERMAL DESIGN CONDITIONS

ROOM DESCRIPTION	INDOOR			OUTDOOR		
	SUMMER		WINTER	SUMMER		WINTER
	DB(°F)	RH(%)	DB(°F)	DB(°F)	WB(°F)	DB(°F)
CONDITIONED SPACE	74°	55%	70°	95°	80°	20°

DB(°F) = DRY BULB
WB(°F) = WET BULB
RH(%) = RELATIVE HUMIDITY

56. ADDITIONAL GENERAL PLUMBING, HVAC, & SPRINKLER NOTES:
    1. ALL HVAC COILS SHALL HAVE PICOV TEMPERATURE CONTROLS VALVES.
    2. CONTRACTOR TO FIGURE IN BID SUPPORTING ALL PIPING (HVAC, PLUMBING, FIRE SUPPRESSION) WITH CLEVIS TYPE PIPE HANGERS AS CEILING SPACE IS LIMITED THROUGHOUT PROJECT.
    3. ALL EXPOSED MECHANICAL, HVAC, SPRINKLER, PLUMBING ITEMS TO BE PAINTED. COORDINATE WITH ARCHITECT IN FIELD DURING CONSTRUCTION ON EXACT COLOR REQUIRED. FIGURE IN BID CUSTOM PAINT COLOR. PROVIDE COLOR CODED PIPING LABELS & DIRECTIONAL FLOW ARROWS.
    4. ALL INSULATED PIPING ON INTERIOR OF BUILDINGS ARE TO RECEIVE COLOR CODED PVC JACKETS WITH LABELS AND DIRECTIONAL FLOW ARROWS. INCLUDING ALL ELBOWS AND FITTINGS.
    5. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE CUSTOM COLORED FULLY CONCEALED TYPE. ARCHITECT TO SELECT THE COLOR ON A ROOM BY ROOM BASIS DURING SUBMITTAL PROCESS. FIGURE IN ALL APPLICABLE COSTS ASSOCIATED WITH CUSTOM COLORED CONCEALED SPRINKLER HEADS.
    6. THE PLUMBING CONTRACTOR & HVAC CONTRACTOR ARE TO SUBMIT WELDING CERTIFICATES FOR ALL WELDERS THAT ARE TO BE WORKING ON THE PROJECT. NO EXCEPTION. A 'WELDER' SHALL REFER TO ANY LABORER WELDING STEEL PIPE, BRAZING COPPER PIPE, OR SOLDERING COPPER PIPE.
    7. PIPING FOR HVAC SYSTEM COUNTRY OF ORIGIN: 2-1/2" AND LARGER PIPE & FITTINGS, KOREAN & TURKISH IMPORTED PIPE ARE ACCEPTABLE COUNTRIES OF ORIGIN FOR WELDED HVAC STEEL PIPING (IN ADDITION TO AMERICAN WELDED STEEL HVAC PIPING). ALL OTHER COUNTRIES OF ORIGIN ARE NOT ACCEPTABLE. ALL 2" PIPE & FITTINGS (THREADED & COUPLED) AND SMALLER ARE TO BE DOMESTIC (PRODUCT OF THE UNITED STATES OF AMERICA), NO EXCEPTION, MANUFACTURERS TO BE WHEATLAND TUBE & TEXTUBE. ALL COPPER PIPING TO BE A PRODUCT OF THE UNITED STATES OF AMERICA. MANUFACTURER'S OF COPPER PIPE TO BE CERRO, READING, & MUELLER. CONTRACTOR TO PROVIDE SUBMITTALS OF PIPE AS NOTED WITHIN SPECIFICATION 230503 "PIPING FOR HVAC SYSTEM".
    8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH LARGE (GREATER THAN 50 GALLON CAPACITY, AND/OR 100,000 BTUH HEAT INPUT) WATER HEATER, AND PRESSURE VESSELS INSPECTED BY A STATE OF LOUISIANA CERTIFIED INSPECTOR UPON INSTALLATION. A COPY OF EACH REPORT SHALL BE TRANSMITTED TO THE ARCHITECT/ENGINEER. ONE ADDITIONAL COPY OF EACH REPORT SHALL BE INCLUDED IN EACH OF THE THREE CLOSE-OUT MANUALS. COORDINATE WITH LAOSFM BOILER SECTION @ 1-800-256-5452.
    9. TEST ALL BACKFLOW PREVENTERS (NEW & EXISTING) AT PROJECT COMPLETION, INCLUDE TEST REPORT WITHIN CLOSEOUT DOCUMENTS.
    10. ALL AIR HANDLING UNIT AUXILIARY DRAIN PANS ARE TO BE PIPED TO NEAREST FLOOR DRAIN IN AIR HANDLING UNIT ROOM/MEZZANINE, PROVIDE SHUTOFF VALVE WITHIN AUXILIARY DRAIN PAN PIPING, VALVE TO BE NORMALLY CLOSED.
    11. MAINTENANCE SERVICE & REPAIRS:
        a. THE CONTRACTOR SHALL ARRANGE FOR QUALIFIED EQUIPMENT SERVICE TECHNICIANS TO PROVIDE PREVENTATIVE MAINTENANCE SERVICE EVERY 3 MONTHS (MINIMUM 4 TIMES) WITHIN THE ONE-YEAR WARRANTY PERIOD TO KEEP ALL SYSTEMS OPERATING IN FIRST-CLASS WORKING ORDER.
        b. CONTRACTOR SHALL COORDINATE SERVICE TIMES WITH THE FACILITY MAINTENANCE PROJECT MANAGER AT LEAST ONE WEEK PRIOR TO PROPOSED REGULAR SERVICING SCHEDULE.
        c. CONTRACTOR SHALL ALSO NOTIFY THE FACILITY MAINTENANCE PROJECT MANAGER PRIOR TO EACH EQUIPMENT REPAIR VISIT.
        d. OWNER'S MAINTENANCE PERSONNEL SHALL BE PRESENT DURING ALL SERVICING AND REPAIR ACTIVITIES.
    12. CONTRACTOR TO COORDINATE EXACT SIZES REQUIRED FOR ALL DUCT/PIPE FLOOR/WALL PENETRATIONS THRU RATED ASSEMBLIES. CONTRACTOR TO FILL ANNULAR SPACE BETWEEN DUCT/PIPE PENETRATIONS IN ACCORDANCE WITH UL LISTED WALL/FLOOR ASSEMBLY AS TO MAINTAIN ALL REQUIRED RATINGS.
    13. CONTRACTOR TO FIGURE IN BID ALL REQUIRED BLOCKING WITHIN WALLS AS TO PROPERLY INSTALL ALL PLUMBING FIXTURES IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION GUIDELINES.
    14. CONTRACTOR TO PROVIDE A WALL CLEANOUT AT EVERY WALL MOUNTED PLUMBING FIXTURES. WALL MOUNTED CLEANOUT TO HAVE CHROME PLATED ACCESS COVER.
    15. IN ADDITION TO THE STOP LOCATED AT THE PLUMBING FIXTURE, THE CONTRACTOR SHALL PROVIDE & INSTALL AN ADDITIONAL CUT-OFF VALVE. CUT-OFF VALVES: (1) ONE FOR EACH PLUMBING FIXTURE. LOCATIONS ABOVE CEILING IDENTIFIED WITH 1" WIDE RED REFLECTIVE TAPE, WRAPPED TWO COMPLETE TURNS AROUND CEILING GRID, CUT END OF TAPE CONCEALED ABOVE CEILING, DIRECTLY BELOW EACH VALVE.
    16. MECHANICAL ACCESS COORDINATION: WHERE MECHANICAL EQUIPMENT/DEVICES ARE LOCATED ABOVE ACOUSTIC CEILING TILES SYSTEM THE CONTRACTOR SHALL ALIGN THE ACCESS WITH THE ACOUSTIC CEILING TILE GRID SYSTEM, REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING DRAWING.
    17. APPLICABLE ENTIRE PROJECT. ALL CONCRETE EQUIPMENT HOUSEKEEPING PADS ARE TO BE 6" THICK CONCRETE REINFORCED HOUSEKEEPING PADS, SIZED AS REQUIRED, MIN. 6" CLEARANCE ALL AROUND. CONTRACTOR TO INSTALL 4" WIDE REFLECTIVE ACRYLIC SELF-ADHESIVE VINYL BLACK/YELLOW STRIPED CAUTION/WARNING TAPE ON VERTICAL RISE OF ALL CONCRETE HOUSEKEEPING PADS, TAPE TO BE INCOM MANUFACTURING MODEL #RST146, TAPE TO MEET ASTM D-4956-99, SUBMIT SUBMITTAL OF TAPE TO ENGINEER FOR REVIEW. REFER TO DETAIL #2 SHEET M-4.3 FOR DETAIL.
    18. ALL FIRE WATER PIPING (ABOVE & BELOW GRADE), FIRE SPRINKLER PIPING (ABOVE & BELOW GRADE), DO

MECHANICAL PLAN KEYNOTES: [x]

1. MANUAL VOLUME DAMPER WITH STAND-OFF BRACKET, ADJUSTABLE & LOCKABLE, TYPICAL. REFER TO TYPICAL DETAIL #2 SHEET M-4.1.
2. TURNING VANES, ALL TURNS 30° AND GREATER, REFER TO DETAIL #1 SHEET M608.
3. MINIMUM 3/4" DOOR UNDERCUT. UNDERCUT BY GENERAL CONTRACTOR
4. RETURN AIR GRILLE ASSEMBLY. PROVIDE INSULATED R/A BOOT PLENUM ON REAR OF R/A GRILLE (PLENUM TO BE FULL SIZE OF GRILLE, REFER TO PLAN FOR TYPE, HEIGHT OF PLENUM AS REQUIRED IN ORDER TO MAKE BRANCH DUCT CONNECTIONS), TYPICAL. REFER TO SEE SCHEDULES FOR GRILLE SIZES. REFER TO DETAIL #10 SHEET M-4.1. COORDINATE BOOT/RETURN AIR DUCT WITH STRUCTURE.
5. WALL MOUNTED DUCT-LESS MINI-SPLIT SYSTEM (WITH INSTALLATION PLATE) LOCATED IN SERVER/ELECTRICAL/EQUIPMENT ROOM HIGH ON WALL (12" FROM FINISHED CEILING). FIELD ROUTE REFRIGERANT LINES TO RESPECTIVE CONDENSING UNIT. ROUTE CONDENSATE LINE TO HUB DRAIN (REFER TO PLUMBING PLAN FOR HUB DRAIN LOCATION). REFER TO DETAIL #19 SHEET M-4.2. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF MINI-SPLIT SYSTEM WITH ALL EQUIPMENT TO BE INSTALLED IN SERVER/ELECTRICAL/EQUIPMENT ROOM, DO NOT INSTALL MINI-SPLIT ABOVE ANY PANEL OR ELECTRICAL DEVICE. MECHANICAL CONTRACTOR TO FIGURE IN BID POSSIBLE INCREASE IN PIPE OFFSETS AND PIPE TO ACCOMMODATE NEW LOCATION OF DUCT-LESS SPLIT SYSTEM.
6. THERMOSTAT & HUMIDISTAT, TYPICAL. THERMOSTAT/HUMIDISTAT SHOWN FOR DIAGRAMMATICAL PURPOSES ONLY, COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT ON ALL ARTWORK, MILLWORK, ETC. FOR CONFLICTS, IF THERMOSTAT/HUMIDISTAT IS RELOCATED PROVIDE NEW LOCATION TO MECHANICAL ENGINEER FOR APPROVAL. ALL THERMOSTAT WIRING TO BE IN ½" EMT CONDUIT, PROVIDE LONG SWEEP ELBOWS AT TOP OF CONDUIT WITHIN CEILING SPACE AT ALL TURN DOWNS INTO WALLS.
7. WEATHERPROOF EXTERIOR WALL LOUVER, REFER TO ARCHITECT FOR INSTALLATION HEIGHT AND CUSTOM COLOR SELECTION; SEAL ALL AROUND AIR AND WATER TIGHT. PROVIDE BIRDSCREEN ON REAR OF LOUVER. PROVIDE PLENUM ON REAR OF LOUVER FULL SIZE OF LOUVER DUCT CONNECTION AND TRANSITION AS SHOWN ON PLAN. REFER TO SCHEDULES & TYPICAL DETAILS #1 AND #2 SHEET M-4.6.
8. TYPICAL CABINET EXHAUST FAN, REFER TO TYPICAL DETAIL #7 SHEET M-4.2, ROUTE EXHAUST DUCT TO INSULATED PLENUM ON REAR OF LOUVER. PROVIDE SPRING LOADED BACKDRAFT DAMPER AT DISCHARGE OF EXHAUST FAN. MAINTAIN 10'-0" FROM ANY AND ALL FRESH AIR INLETS. INSULATE ENTIRE EXHAUST SYSTEM AS PER SPECIFICATIONS.
9. PELICAN BOARD SOUND ATTENUATING ASSEMBLY. INTERIOR WALLS, CEILING AND BACK OF DOORS SHALL BE LINED WITH 2" THICK PERFORATED VINYL LINED SOUND INSULATION BOARD. CONTRACTOR TO INSTALL RIGID FIBERGLASS INSULATION WITH PERFORATED CLOTH LINED SIDE FACING INSIDE OF MECHANICAL ROOM. NO EXCEPTION. ADHERE INSULATION TO WALL WITH STICK CLIP, DOME WASHERS, AND PROVIDE DOME CAP TO CONCEAL EXPOSED CLIP POINTS. SEAL ALL SEAMS.
10. 45° LOW LOSS BRANCH DUCT TAP CONNECTION WITH DAMPER (FLEXMASTER MODEL STODBO3), DAMPER CONSTRUCTED OF MINIMUM 26 GAUGE GALVANIZED STEEL. THE DAMPER SHALL HAVE A 2" RAISED HANDLE WITH A HIGH QUALITY LOCKING QUADRANT. A 3/8" CONTINUOUS ROD WITH "U" BOLTS CONNECTS THE DAMPER TO THE ROD. NYLON END BEARINGS ARE REQUIRED WHERE THE ROD PENETRATES THE BARREL. TYPICAL ALL BRANCH DUCTS. TYPICAL.
11. AIR HANDLING UNIT (REFER TO SCHEDULES) IN MECHANICAL ROOM. ROUTE INSULATED COPPER CONDENSATE DRAIN LINE (REFER TO SCHEDULE FOR SIZES) FROM UNIT AS SHOWN AND TURN DOWN AT FLOOR DRAIN (REFER TO PLUMBING FOR EXACT LOCATION OF FLOOR DRAIN). PROVIDE 4" HIGH AUXILIARY DRAIN PAN (304 STAINLESS STEEL, 12 GA., WELDED SEAMS), SIZE AS REQUIRED, UNDER ENTIRE UNIT. PROVIDE 6" THICK HOUSEKEEPING PAD FOR AHU MINIMUM 6" ALL AROUND AIR UNIT (WITH CHAMFERED EDGES), WITH 42" CLEARANCE IN FRONT (CONTROL SIDE) FOR SERVICING. REFER TO TYPICAL AIR HANDLING UNIT DETAIL #9 SHEET M-4.3. ROUTE FRESH AIR DUCT AS SHOWN FROM FRESH AIR INTAKE SIDEWALL LOUVER (PROVIDE FULL SIZE PLENUM ON REAR OF LOUVER, REFER TO ARCHITECTURAL ELEVATIONS PLANS FOR EXACT LOUVER LOCATION) OR FRESH AIR INTAKE HOOD (REFER TO ROOF HOOD SCHEDULES), REFER TO DRAWINGS FOR EXACT FRESH AIR DUCT ROUTING. COORDINATE DUCTWORK OFF OF UNIT WITH STRUCTURAL SYSTEM, PROVIDE IN BID OFFSET AS REQUIRED. PROVIDE FLOAT SWITCH IN AUXILIARY DRAIN PAN, UNIT TO DE-ENERGIZE WHEN FLOAT SWITCH IS TRIPPED.
12. CONDENSING UNIT (REFER TO DETAIL #1 SHEET M4.03) ON CONCRETE HOUSEKEEPING PAD, SIZED AS REQUIRED. PAD TO BE AT SAME ELEVATION AS BUILDING PAD (SLOPED AWAY FROM BUILDING FOR DRAINAGE). REFER TO DETAIL #2 SHEET M4.03 FOR CONCRETE PAD. PAD TO BE CONTINUOUS WITH BUILDING. PROVIDE REFRIGERANT PIPE SUPPORTS MAXIMUM 4'-0" AND AT ALL CHANGES IN DIRECTION, REFER TO DETAIL #4 SHEET M4.03. SEAL ALL PENETRATIONS INTO BUILDING AIR TIGHT, REFER TO DETAIL #4 SHEET M4.04 FOR REFRIGERANT PIPE PENETRATION AT EXTERIOR WALL. ROUTE REFRIGERANT LINES DOWN LOW THRU EXTERIOR WALL (WITHIN COMMON WALL SLEEVE), UP EXTERIOR WALL TO RESPECTIVE INDOOR UNIT. COAT/PAINT ALL EXTERIOR REFRIGERANT INSULATION WITH UV INHIBITOR PAINT. PROVIDE MINIMUM ONE (1) GROUND PIPE SUPPORT FOR REFRIGERANT PIPING AT EACH CONDENSING UNIT (PROVIDE MORE WHEN SHOWN), REFER TO DETAIL #3 SHEET M4.03. REFER TO DETAIL #3 SHEET M4.05 FOR MANUFACTURER RECOMMENDED CLEARANCES OF CONDENSING UNIT.
13. RETURN AIR PLENUM, FULL SIZE OF UNIT OPENING, LENGTH AS REQUIRED, INTERNALLY INSULATED, CONTRACTOR TO PROVIDE EXTRA BRACING AND SUPPORTS FOR RETURN AIR DUCTWORK & PLENUM AS TO MAINTAIN SHEET METAL RIGIDITY, REFER TO DETAIL #3 SHEET M-4.4. SHEET METAL NOT TO COLLAPSE ON ITSELF WHEN UNIT IS OPERATING.
14. ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR EXACT LOCATION AND TYPE OF EQUIPMENT. COORDINATE DUCTWORK/PIPING AS NOT TO BE ROUTED OVER PANELS. REFER TO DETAIL #9 SHEET M-4.5.
15. MOTORIZED DAMPER IN OUTSIDE AIR DUCT (24VAC ELECTRICAL SERVICE). REFER TO CONTROLS SPECIFICATIONS (230900) FOR OPERATION & CONTROL.
16. MOTORIZED DAMPER, OUTSIDE AIR MONITORING STATION (REFER TO MECHANICAL PLAN KEYNOTES #15) AND MANUAL BALANCING DAMPER LOCATED WITHIN VERTICAL RUN OF DUCTWORK.
17. CONTROL PANEL FOR EMS SYSTEM, PROVIDE DEDICATED CIRCUIT (20 AMP) & DATA DROP.
18. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON DUCT PENETRATION THRU WALL, THIS AREA. REFER TO TYPICAL DUCT PENETRATION THRU WALL DETAIL. COORDINATE DUCT PENETRATIONS THRU WET WALL IN RESTROOM AREAS PRIOR TO INSTALLATION TO AVOID ANY POSSIBLE CONFLICTS WITH SANITARY SEWER AND WATER LINES. SEAL ALL AROUND PENETRATION AIR TIGHT.
19. MOTORIZED DAMPER IN RETURN AIR DUCT (24VAC ELECTRICAL SERVICE). REFER TO CONTROLS SPECIFICATIONS FOR OPERATION & CONTROL.
20. MOTORIZED DAMPER AND MANUAL BALANCING DAMPER LOCATED WITHIN VERTICAL RUN OF DUCTWORK. REFER TO AIR HANDLING UNIT DETAIL #9 SHEET M-4.3 FOR INSTALLATION INSTRUCTIONS.
21. NOT USED.
22. HEAVY DUTY SIDEWALL RETURN AIR DEVICE (REFER TO AIR DISTRIBUTION SCHEDULES), GRILLE TO BE CUSTOM COLORED REFER TO ARCHITECT FOR COLOR SELECTION. PROVIDE FULL SIZE SHEET METAL PLENUM ON REAR OF AIR DEVICE OPENING. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT IN THE FIELD DURING CONSTRUCTION.
23. TYPICAL UL LISTED 2-HOUR FIRE DAMPER. FIRE DAMPER TO BE DYNAMIC TYPE. REFER TO SPECIFICATION 233300 & TYPICAL DETAIL #2 SHEET M-4.4.
24. TYPICAL CABINET EXHAUST FAN, REFER TO TYPICAL DETAIL #7 SHEET M-4.2, ROUTE EXHAUST DUCT AS SHOWN TO RETURN AIR DEVICE.
25. O/A MONITOR, EBTRON GOLD SERIES THERMAL DISPERSION AIRFLOW/TEMPERATURE MEASUREMENT DEVICE (ATMD), EBTRON MODEL GTC116-PA OR PRIOR APPROVED EQUAL. 24VAC POWER REQUIREMENT. REFER TO CONTROLS SPECIFICATION (230900). COORDINATE INSTALLATION REQUIREMENTS WITH ACTUAL MONITOR TO BE INSTALLED WITHIN PROJECT PRIOR TO CONSTRUCTION, VERIFY ACTUAL FIELD CONDITIONS.
26. PROVIDE AIR PURIFICATION DEVICE AT FAN COIL UNIT. CONTRACTOR TO PROVIDE GLOBAL PLASMA SOLUTIONS SELF CLEANING NEEDLEPOINT BIPOLAR ION GENERATOR MODEL GPS-DM48-AC (24VAC LOW VOLTAGE CIRCUIT). MOUNT ON EXISTING SUPPLY AIR DUCT (ION GENERATOR TO BE LOCATED IN AIR STREAM FOR INDOOR AIR QUALITY) PRIOR TO ANY BRANCH DUCT TAKEOFFS TO SUPPLY GRILLES. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFER TO SPECIFICATION 233500. WIRE TO FAN COIL UNIT TERMINAL STRIP.
27. NOT USED.
28. NOT USED.
29. CONTRACTOR TO PROVIDE SPRING-LOADED BACKDRAFT DAMPER IN EXHAUST DUCT, TYPICAL.
30. TYPICAL SIDEWALL SUPPLY OR RETURN AIR DEVICE, REFER TO DETAIL #1 SHEET M-4.2, SCHEDULES, AND SPECIFICATIONS.
31. AIR HANDLING UNIT VARIABLE FREQUENCY DRIVES MOUNTED ON MECHANICAL ROOM WALL (WITH BACNET INTERFACE CARD) FOR AIR HANDLING UNITS.
32.
33. LINEAR DIFFUSER WITH FACTORY INSTALLED INSULATED BOOT WITH SLOPED SHOULDERS, REFER TO SCHEDULE FOR TYPE AND MODEL, TYPICAL. REFER TO DRAWINGS FOR CFM AND BRANCH DUCT SIZE. PROVIDE MITERED CORNERS WHERE ELBOWS ARE SHOWN. REFER TO TYPICAL DETAIL #6 SHEET M-4.5 & DETAIL #1 SHEET M-4.7. FIELD FABRICATE INTERNALLY INSULATED PLENUM ON REAR SHOULD STRUCTURE CONFLICT WITH PREFABRICATED PLENUM. HEIGHT OF PLENUM ON REAR OF DIFFUSER AS REQUIRED IN ORDER TO MAKE BRANCH DUCT CONNECTIONS.
34. NOT USED.
35. 45° LOW LOSS BRANCH DUCT TAP CONNECTION (FLEXMASTER MODEL STO) WITH ELECTRONIC BALANCING DAMPER SYSTEM. REFER TO GENERAL MECHANICAL NOTE #20 SHEET M-0.1.
36. YOUNG REGULATOR ACCESS PORT PANEL ON WALL OF MECHANICAL ROOM/MEZZANINE, TYPICAL ALL MECHANICAL ROOMS. REFER TO NOTE #20 SHEET M-0.1.
37. CONTRACTOR TO PROVIDE AND INSTALL YOUNG REGULATOR 12 VOLT DC POWER/BALANCE SYSTEM TO PROVIDE A MEANS OF BALANCING THE INACCESSIBLE MANUAL VOLUME DAMPER. PROVIDE YOUNG REGULATOR ACCESS PORT PANEL AS SHOWN. REFER TO GENERAL MECHANICAL NOTE #20 SHEET M-0.1.
38. JET SLOT AIR DEVICE, TRANSITION AS REQUIRED TO AIR DEVICE INLET WITH INSULATED SHEET METAL, SEAL AIR TIGHT.
39. CONTRACTOR TO PROVIDE AND INSTALL THERMALLY POWERED VAV DIFFUSER WITH THE NECK SIZE SHOWN. REFER TO AIR DISTRIBUTION SCHEDULES. CONTRACTOR TO BALANCE DIFFUSER TO CFM SPECIFIED ON PLAN. REFER TO SPECIFICATION 233700-2.11. REFER TO ARCHITECT FOR DIFFUSER FINISH.
40. PROVIDE WALL MOUNTED SUPPORTS HERE FOR VERTICAL DUCTWORK, REFER TO DETAIL #8 SHEET M-4.7. PROVIDE RISER SUPPORTS.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

EYRE ENGINEERING

PRINTED 8.29.2025

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-1.0

MECHANICAL DEMOLITION LEGEND

	EXISTING EQUIPMENT TO BE REMOVED AND HAULED OFF SITE AS DEBRIS
	EXISTING SUPPLY AIR DEVICE AND BRANCH DUCT TO BE DEMOLISHED
	EXISTING RETURN AIR DEVICE TO BE DEMOLISHED
	EXISTING HVAC PIPING TO BE DEMOLISHED
	EXISTING DUCTWORK TO BE DEMOLISHED
FC(EX.)	EXISTING FAN COIL TO BE DEMOLISHED
	CONNECT NEW WORK TO EXISTING
FC(EX.)	EXISTING FAN COIL TO REMAIN
	EXISTING HVAC PIPING TO REMAIN

MECHANICAL DEMOLITION PLAN KEYNOTES: (X)

1. EXISTING HVAC EQUIPMENT AND ASSOCIATED HVAC BRANCH PIPING, DUCTWORK, EQUIPMENT/DUCT SUPPORTS, CONTYROLS, ETC. TO BE REMOVED AND HAULED OFF SITE AS DEBRIS. PREPARE ELECTRICAL CONNECTIONS FOR RECONNECTION TO NEW FAN COIL.
2. EXISTING HVAC HYDRONIC PIPING TO BE DEMOLISHED AND HAULED OFF SITE AS DEBRIS.
3. EXISTING DUCTWORK, DUCT SUPPORTS, BRANCH DUCTS, DUCT ACCESSORIES, AIR DEVICES, ETC. TO BE REMOVED AND HAULED OFF SITE AS DEBRIS.

GENERAL MECHANICAL PLAN NOTES:

A. CONTRACTOR SHALL VERIFY WITH ARCHITECT LOCATION OF EXISTING THERMOSTAT PRIOR TO INSTALLATION OF NEW THERMOSTAT. IF NEW THERMOSTAT IS RELOCATED (TO NEW LOCATION), THEN THE CONTRACTOR SHALL PATCH RESULTANT WALL OPENING TO MATCH EXISTING (FIGURE IN BID RELOCATION OF ALL THERMOSTATS TO NEW LOCATIONS, COORDINATE WITH ARCHITECT ON EXACT LOCATION).

B. PRIOR TO CONSTRUCTION, CONTRACTOR TO OBTAIN A SERVICE REPORT FROM OWNER'S CURRENT SERVICE HVAC CONTRACTOR STATING CURRENT CONDITION OF ALL HVAC SYSTEMS THAT ARE TO REMAIN AND BE REUSED. THE CONTRACTOR SHALL CONFIRM THIS REPORT AND ASSUME RESPONSIBILITY OF THE HVAC SYSTEMS AT THIS POINT TO PROJECT COMPLETION. SERVICE CONTRACTOR TO PROVIDE ADDITIONAL REPORT AT PROJECT COMPLETION STATING CONDITION OF EXISTING UNITS (AT PROJECT COMPLETION). COORDINATE AND FIGURE ALL THE BEFOREMENTIONED COSTS IN BID.

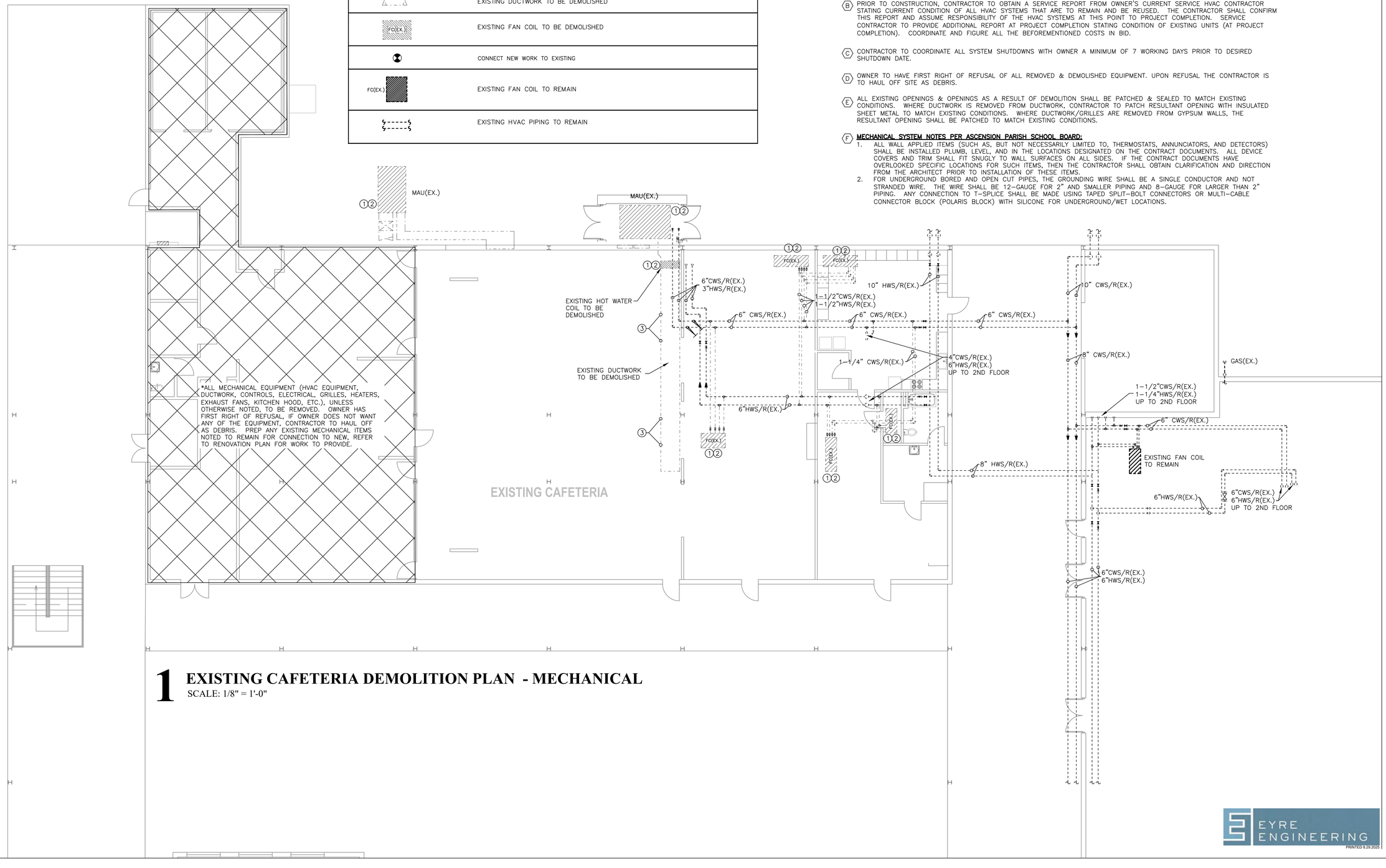
C. CONTRACTOR TO COORDINATE ALL SYSTEM SHUTDOWNS WITH OWNER A MINIMUM OF 7 WORKING DAYS PRIOR TO DESIRED SHUTDOWN DATE.

D. OWNER TO HAVE FIRST RIGHT OF REFUSAL OF ALL REMOVED & DEMOLISHED EQUIPMENT. UPON REFUSAL THE CONTRACTOR IS TO HAUL OFF SITE AS DEBRIS.

E. ALL EXISTING OPENINGS & OPENINGS AS A RESULT OF DEMOLITION SHALL BE PATCHED & SEALED TO MATCH EXISTING CONDITIONS. WHERE DUCTWORK IS REMOVED FROM DUCTWORK, CONTRACTOR TO PATCH RESULTANT OPENING WITH INSULATED SHEET METAL TO MATCH EXISTING CONDITIONS. WHERE DUCTWORK/GRILLES ARE REMOVED FROM GYPSUM WALLS, THE RESULTANT OPENING SHALL BE PATCHED TO MATCH EXISTING CONDITIONS.

F. **MECHANICAL SYSTEM NOTES PER ASCENSION PARISH SCHOOL BOARD:**

1. ALL WALL APPLIED ITEMS (SUCH AS, BUT NOT NECESSARILY LIMITED TO, THERMOSTATS, ANNUNCIATORS, AND DETECTORS) SHALL BE INSTALLED PLUMB, LEVEL, AND IN THE LOCATIONS DESIGNATED ON THE CONTRACT DOCUMENTS. ALL DEVICE COVERS AND TRIM SHALL FIT SNUGLY TO WALL SURFACES ON ALL SIDES. IF THE CONTRACT DOCUMENTS HAVE OVERLOOKED SPECIFIC LOCATIONS FOR SUCH ITEMS, THEN THE CONTRACTOR SHALL OBTAIN CLARIFICATION AND DIRECTION FROM THE ARCHITECT PRIOR TO INSTALLATION OF THESE ITEMS.
2. FOR UNDERGROUND BORED AND OPEN CUT PIPES, THE GROUNDING WIRE SHALL BE A SINGLE CONDUCTOR AND NOT STRANDED WIRE. THE WIRE SHALL BE 12-GAUGE FOR 2" AND SMALLER PIPING AND 8-GAUGE FOR LARGER THAN 2" PIPING. ANY CONNECTION TO T-SPLICE SHALL BE MADE USING TAPED SPLIT-BOLT CONNECTORS OR MULTI-CABLE CONNECTOR BLOCK (POLARIS BLOCK) WITH SILICONE FOR UNDERGROUND/WET LOCATIONS.



1 EXISTING CAFETERIA DEMOLITION PLAN - MECHANICAL

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

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33133, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-1.1

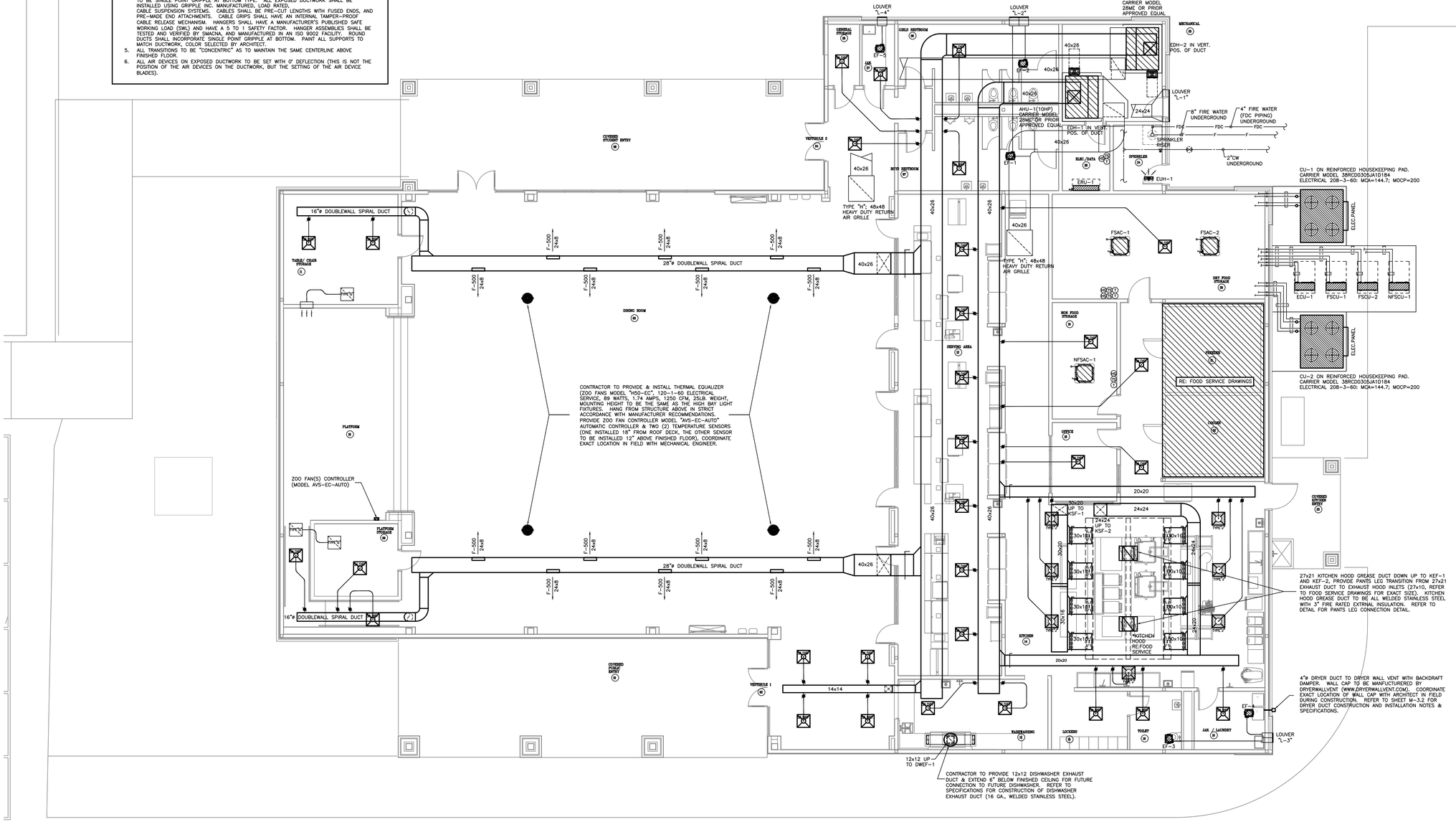
EYRE ENGINEERING

PRINTED 8.29.2025

These drawings are the property of Gossen+Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

EXPOSED DOUBLEWALL SPIRAL DUCTWORK GENERAL NOTES (TYPICAL ALL EXPOSED DUCTWORK):

1. COORDINATE EXACT HEIGHT WITH ARCHITECT/OWNER/ENGINEER IN FIELD PRIOR TO CONSTRUCTION. COORDINATE WITH ARCHITECT/OWNER/ENGINEER ON ELEVATION OF DUCTWORK FOR ALL OTHER AREAS.
2. REFER TO DETAIL #10 SHEET M-4.7 FOR INSTALLATION POSITION OF AIR DEVICES ON EXPOSED ROUND DUCT TO FINISHED FLOOR.
3. TYPE "T" GRILLES TO BE MOUNTED AT 60 DEGREE ANGLE TO FINISHED FLOOR.
2. ALL EXPOSED DUCT & AIR DEVICES TO COME WITH PAINT GRIP FINISH FOR PAINTING IN FIELD DURING CONSTRUCTION. ARCHITECT TO SELECT COLOR DURING CONSTRUCTION.
3. ALL EXPOSED DUCT TO BE ALL "SPIRAL" TYPE DUCT, NO LONG SEAMED ALLOWED (G90 GALVANIZED STEEL). DUCT TO BE 1" DOUBLE-WALL CONSTRUCTION (WITH FLANGED JOINTS) WITH PERFORATED INNER LINER. NO EXCEPTION. OUTER LAYER TO COME WITH PAINTGRIP FINISH. CONTRACTOR TO PAINT ALL EXPOSED DUCT, AIR DEVICES, HANGERS, ETC. COLOR SELECTION TO BE BY ARCHITECT DURING CONSTRUCTION.
4. ALL EXPOSED ROUND DUCT TO BE SUPPORTED WITH "GRIPPLE" SUPPORT SYSTEM. SYSTEM TO BE SINGLE POINT GRIPPLE AT BOTTOM TYPE. ALL EXPOSED DUCTWORK SHALL BE INSTALLED USING GRIPPLE INC. MANUFACTURED, LOAD RATED, CABLE SUSPENSION SYSTEMS. CABLES SHALL BE PRE-CUT LENGTHS WITH FUSED ENDS, AND PRE-MADE END ATTACHMENTS. CABLE GRIPS SHALL HAVE AN INTERNAL TAMPER-PROOF CABLE RELEASE MECHANISM. HANGERS SHALL HAVE A MANUFACTURER'S PUBLISHED SAFE WORKING LOAD (SWL) AND HAVE A 5 TO 1 SAFETY FACTOR. HANGER ASSEMBLIES SHALL BE TESTED AND VERIFIED BY SMACNA, AND MANUFACTURED IN AN ISO 9002 FACILITY. ROUND DUCTS SHALL INCORPORATE SINGLE POINT GRIPPLE AT BOTTOM. PAINT ALL SUPPORTS TO MATCH DUCTWORK, COLOR SELECTED BY ARCHITECT.
5. ALL TRANSITIONS TO BE "CONCENTRIC" AS TO MAINTAIN THE SAME CENTERLINE ABOVE FINISHED FLOOR.
6. ALL AIR DEVICES ON EXPOSED DUCTWORK TO BE SET WITH 0° DEFLECTION (THIS IS NOT THE POSITION OF THE AIR DEVICES ON THE DUCTWORK, BUT THE SETTING OF THE AIR DEVICE BLADES).



1 CAFETERIA FLOOR PLAN - MECHANICAL

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

REFER TO SHEET M-1.0 FOR MECHANICAL PLAN KEYNOTES

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

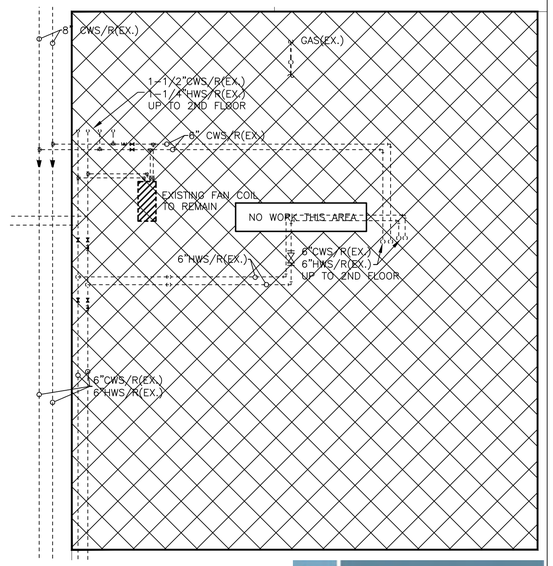
SHEET NO. M-1.2

EYRE ENGINEERING

PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.



REFER TO SHEET M-1.0 FOR MECHANICAL PLAN KEYNOTES

1 CLASSROOM FLOOR PLAN - MECHANICAL

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

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation

315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

EYRE ENGINEERING

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-1.3

PRINTED 8.29.2025

LOUVER SCHEDULE

ID TAG	AREA SERVED	MANUFACTURER	MODEL	BPWP (FPM)	SIZE W"xH"xD"	CFM	FREE AREA MIN (SF)	FPM (FT/MIN.)	APD ("WC)	MATERIAL	MOTORIZED DAMPER	CONTROL CIRCUIT
L-1	INTAKE AIR @ AHU-1,2	GREENHECK	ESD-435X	989	60x24x4	1,700	4.60	369	0.022	ALUMINUM	NO	NO
L-2,5	EXHAUST AIR @ VARIOUS EF'S	GREENHECK	ESD-435X	989	36x18x4	600	1.83	328	0.015	ALUMINUM	NO	NO
L-3	EXHAUST AIR @ VARIOUS EF'S	GREENHECK	ESD-435X	989	18x12x4	150	0.48	309	0.013	ALUMINUM	NO	NO
L-4	EXHAUST AIR @ VARIOUS EF'S	GREENHECK	ESD-435X	989	18x12x4	150	0.48	309	0.013	ALUMINUM	NO	NO

GENERAL NOTES:
1. ALL LINE VOLTAGE WIRING AND INTERLOCK BY ELECTRICAL CONTRACTOR
2. LOUVER TO HAVE 70% KYNAR FINISH, COLOR TO BE SELECTED BY ARCHITECT/ENGINEER.
3. LOUVERS SHALL HAVE THE FOLLOWING:
   - 3.1. DRAINABLE BLADES
   - 3.2. BIRDSCREEN
   - 3.3. CHANNEL FRAMES (SEE NOTED BELOW)
   - 3.4. EXTENDED SILLS (CHANNEL FRAME LOUVERS ONLY)
4. REFER TO TYPICAL LOUVER DETAILS #1 AND #2 SHEET M-4.6.
5. LOUVERS TO BE FLORIDA PRODUCT APPROVED.
6. APPROVED MANUFACTURERS: POTTORF, RUSKIN.
7. IF APPLICABLE, ALL LOUVERS WITHIN METAL PANELS TO BE FULLY FLANGED (NO EXTENDED SILL), ALL OTHER LOUVERS TO HAVE CHANNEL FRAME WITH EXTENDED SILLS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT BUILDING MATERIAL.

ELECTRIC UNIT HEATER SCHEDULE

UNIT NO.	LOCATION	CAPACITY		STAGES	MOTOR DATA		ELEC. DATA			TEMP. RISE DEGREE F	REMARKS
		K.W.	BTUH		C.F.M.	R.P.M.	VOLTS	PH. / HZ.			
EUH-1	SEE DWGS.	3.5	11942	1	400	1030	208	3	60	40	MARKEL MODEL 5100 SERIES OR APPROVED EQUAL

GENERAL NOTES:
1. ALL HEATERS TO BE MOUNTED FROM STRUCTURE ABOVE.
2. ELECTRIC UNIT HEATERS TO BE CONTROLLED BY REMOTE THERMOSTATS.
3. EQUIPMENT SHALL BE RATED A MINIMUM OF 75°(C) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) ARTICLE 110.14.
4. UNITS APPEAR MORE THAN ONCE IN PROJECT, REFER TO DRAWINGS FOR EXACT QUANTITY.

EXHAUST FAN SCHEDULE

UNIT NO.	LOCATION	SERVICE	C.F.M.	E.S.P. I.W.G.	TYPE	DRIVE	FAN R.P.M.	MAX. SONES	MOTOR DATA					ENCLOSURE	WEIGHT	REMARKS	CONTROLLED BY
									H.P.	WATTS	VOLTS	PH. / HZ	R.P.M.				
EF-1,2,5,6	CEILING	REFER TO DRAWINGS	300	0.25"	CABINET	DIRECT	883	1.2	–	14	120	1 / 60	950	ODP	35	GREENHECK MODEL SP-A110 OR PRIOR APPROVED EQUAL	INTEGRAL OCCUPANCY SENSOR ON FACE OF GRILLE
EF-3,4	CEILING	REFER TO DRAWINGS	75	0.25"	CABINET	DIRECT	883	1.2	–	14	120	1 / 60	950	ODP	25	GREENHECK MODEL SP-A110 OR PRIOR APPROVED EQUAL	INTEGRAL OCCUPANCY SENSOR ON FACE OF GRILLE

GREENHECK #SP FAN ACCESSORIES:
1. MOTORS WITH THERMAL OVERLOAD.
2. UL 507 LISTED.
3. FAN SPEED CONTROLLER FACTORY MOUNTED AND WIRED INSIDE FAN HOUSING.
4. INSULATED FAN HOUSING.
5. DESIGNER GRILLE WITH FACTORY MOUNTED AND WIRED MOTION DETECTOR.
6. HANGING ISOLATION KIT.

GENERAL NOTES:
1. PROVIDE ALL EXHAUST FANS WITH BACKDRAFT DAMPERS & REMOTE DISCONNECTS.
2. CO-ORDINATE WITH ELECTRICAL CONTRACTOR ON CONNECTION OF FAN, REFER TO SCHEDULES.
3. MANUFACTURERS MODEL NUMBER REPRESENTS QUALITY OF EQUIPMENT TO BE INSTALLED, THIS PROJECT.
4. ALL CABINET FANS TO HAVE INSULATED FAN HOUSINGS.
5. SOME FANS APPEAR MORE THAN ONCE IN PROJECT, REFER TO DRAWINGS.
6. PROVIDE SPEED CONTROLLERS AT ALL DIRECT DRIVE FANS FOR AIR BALANCING.
7. ALL FANS SHALL BE ALL ALUMINUM CONSTRUCTION (FAN HOUSING, ETC.).
8. EQUIPMENT SHALL BE RATED A MINIMUM OF 75°(C) IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) ARTICLE 110.14.
9. PROVIDE STEP DOWN TRANSFORMER (BY UNIT MANUFACTURER, SIZED FOR FAN ONLY) FOR ALL FANS INTERCONNECTED WITH LIGHTS.

CABINET EXHAUST FAN SPECIFICATION:

TAG: ALL "EF-*"
MODEL: GREENHECK "SP-A" SERIES (CEILING EXHAUST FAN)

STANDARD CONSTRUCTION FEATURES:
1. CORROSION RESISTANT GALVANIZED STEEL SCROLL AND HOUSING
2. SOUND ABSORBING INSULATION
3. WHITE DESIGNER NON-YELLOWING GRILLE
4. RECTANGULAR OUTLET DUCT COLLAR WITH INTEGRAL SPRING LOADED BACKDRAFT DAMPER
5. DOUBLE INLET FORWARD CURVED WHEEL
6. PLUG TYPE DISCONNECT
7. ADJUSTABLE MOUNTING BRACKETS
8. FIELD ROTATABLE DISCHARGE
9. HANGING ISOLATION KIT

SELECTED OPTIONS & ACCESSORIES:
1. MOTOR RATED FOR CONTINUOUS USE
2. MOTOR WITH THERMAL OVERLOAD
3. MOTOR WITH CSA APPROVAL
4. MOTOR WITH 40 DEGREE C AMBIENT TEMPERATURE
5. UL/CUL 507 LISTED – ELECTRIC FAN
6. SOLID STATE SPEED CONTROL, 6 AMP, MOUNTED AND WIRED INTERNALLY
7. MOTION DETECTOR, GRILLE MOUNTED (WHERE NOTED ON SCHEDULE)
8. ROUND DUCT CONNECTOR, (RDC SERIES) SHIPPED LOOSE
9. ADJUSTABLE EASY INSTALLATION MOUNTING BRACKET
10. ENERGY STAR CERTIFIED
11. STANDARD GRILLE
12. POLYPROPYLENE WHEEL MATERIAL
13. COMPLY WITH: ASHRAE 62.2, CALIFORNIA TITLE 24, AND WASHINGTON STATE ENERGY CODE

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL NO.	C.F.M.	SUPPLY	RETURN	EXHAUST	O.A.	REGISTER	GRILLE	DIFFUSER	DOOR GR.	LOUVER	CEILING	WALL/DR.	EXPOSED	SURF.MT.	NECK SIZE	FACE SIZE	MATERIAL	FINISH	O.B.D.	SECTORIZING BAFFLE	FILTER TYPE	REMARKS
A	PRICE	SERIES ASPD	SEE DWG.	●						●			●				6"ø	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	PLAQUE DIFFUSER
B	PRICE	SERIES ASPD	SEE DWG.	●						●			●				8"ø	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	PLAQUE DIFFUSER
C	PRICE	SERIES ASPD	SEE DWG.	●						●			●				10"ø	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	PLAQUE DIFFUSER
D	PRICE	SERIES ASPD	SEE DWG.	●						●			●				12"ø	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	PLAQUE DIFFUSER
E	PRICE	SERIES ASPD	SEE DWG.	●						●			●				6"ø	12x12	ALUMINUM	RE: ARCH	NO	NO	NO	PLAQUE DIFFUSER
F	PRICE	SERIES SDGE	SEE DWG.	●					●						●	●	24x8	24x8	ALUMINUM	RE: ARCH	NO	NO	NO	CURVED FACE SIDEWALL ON EXPOSED ROUND DUCT
G	PRICE	SERIES 630	SEE DWG.		●	●			●				●	●			24x24	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	LOUVER FACE, 3/4" BLADE SPACING
H	PRICE	SERIES 98	SEE DWG.		●				●				●				48x48	48x48	STEEL	RE: ARCH	NO	NO	NO	HEAVY DUTY GYM TYPE, LOUVER FACE, 3/4" BLADE SPACING, 45° DEFLECTION
J	PRICE	SERIES PDDR	SEE DWG.	●						●			●				14"ø	24x24	ALUMINUM	RE: ARCH	NO	NO	NO	PERFORATED RETURN USED AS SUPPLY; ROUND NECK

GENERAL NOTES:
1. REFER TO ARCH FOR CEILING TYPE, CONTRACTOR TO PROVIDE AND INSTALL PLASTER FRAME FOR GYPSUM BOARD CEILING INSTALLATION.
2. ALL GRILLES, REGISTERS, DIFFUSERS, ETC. TO COME WITH WHITE FINISH UNLESS OTHERWISE SPECIFIED BY ARCHITECT IN FIELD DURING CONSTRUCTION. FINISH SHOULD BE SUITABLE FOR PAINTING WITHOUT ANY ADDITIONAL PREPARATION.
3. NOT ALL MARKS NECESSARILY FOUND ON THE PLANS.
4. ALL GRILLES SHALL BE ALUMINUM CONSTRUCTION UNLESS OTHERWISE NOTED ON DRAWINGS.
5. MANUFACTURERS MODEL NUMBER REPRESENTS QUALITY OF EQUIPMENT TO BE INSTALLED, THIS PROJECT.
6. PERFORMANCE DATA FOR ALL GRILLES, DIFFUSERS, ETC. MUST BE SUBMITTED TO ENGINEER BEFORE PRIOR APPROVAL IS AWARDED.
7. NAILOR, KRUEGER, & TITUS – APPROVED MANUFACTURERS.
8. ALL DIFFUSERS/GRILLES/REGISTERS LOCATED IN ACOUSTICAL CEILING TILE ASSEMBLY TO HAVE PANEL THE SAME SIZE OF THE GRID (12x12 FACE DIFFUSER IN 24x24 GRID TO BE IN 24x24 PANEL).
9. FIGURE IN BID SQUARE TO ROUND TRANSITION FOR ALL SQUARE NECK GRILLES/DIFFUSERS FOR CONNECTION TO ROUND BRANCH DUCTS.
10. ALL GRILLES/REGISTERS/DIFFUSERS SIZES AS NOTED ON SCHEDULE UNLESS OTHERWISE NOTED ON DRAWINGS.
11. FIGURE IN BID PROVIDING SQUARE TO ROUND TRANSITIONS AND/OR REDUCER ON REAR OF ALL AIR DISTRIBUTION DEVICES.
12. FIGURE IN BID CUSTOM COLOR FOR ALL AIR DEVICES NOTED TO "RE: ARCH". ARCHITECT TO SELECT COLOR DURING SUBMITTAL PROCESS.
13. ALL LINEAR DIFFUSERS TO COME WITH FACTORY INSTALLED INTERNALLY LINED PLENUMS WITH SLOPED SHOULDERS ON REAR.
14. MOUNT ALL LINEAR DIFFUSERS (SUPPLY & RETURN) WITH CONCEALED FASTENERS.
15. REFER TO CONSTRUCTION DOCUMENTS ON EXACT LENGTH OF LINEAR SLOT DIFFUSERS, PROVIDE MITERED CORNERS WHERE SHOWN.

THE FOLLOWING BRANCH DUCT SIZING CHART SHALL BE USED AS CONVENIENCE TO THE CONTRACTOR WHERE ROUND BRANCH DUCT SIZES ARE NOT SHOWN ON THE DRAWINGS:
TAG:
A. 6"
B. 8"
C. 10"
D. 12"
E. 6"

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#23333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-2.1

EYRE ENGINEERING
PRINTED 8.29.2025

MECHANICAL AIRSIDE LEGEND

NOTE: ALL SYMBOLS IN THIS LEGEND ARE NOT NECESSARILY FOUND ON THE PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING SUPPLY AIR DEVICE		EXH OR RETURN AIR DUCT 90° ELBOW DOWN
	CEILING RETURN AIR OR EXHAUST AIR DEVICE		CONNECTION BETWEEN NEW AND EXISTING DUCT
	CEILING SUPPLY AIR SLOT OR SINGLE LIGHT TROFFER	R	DUCT RISE (CHANGE OF ELEVATION)
	SUPPLY AIR DUCT	D	DUCT DROP (CHANGE OF ELEVATION)
	DOUBLE SUPPLY AIR SLOT LIGHT TROFFER		DUCT W/MANUAL SPLITTER(ADJUSTABLE & LOCKABLE)
	RETURN AIR OR EXH. AIR DUCT		STANDARD BRANCH FOR SA. OR RA. DUCT
	DUCT WORK	A–150	AIR DEVICE TYPE (TYPE–A) AIR QUANTITY (150 CFM)
	90 ELBOW W/TURNING VANE DUCT		
	VOLUME DAMPER OR MANUAL DAMPER, RECT. & ROUND DUCT; "M.V.D."	RE=2/M–2	REFER TO SHEET M–2 DETAIL NUMBER (2)
M	MOTORIZED DAMPER OR AUTO DAMPER		
FD	FIRE DAMPER, RATED FOR 2 HR., TYPICAL		EQUIPMENT
SD	SMOKE DAMPER	TS	SENSOR FOR THERMOSTAT
FS	COMBINATION FIRE AND SMOKE DAMPER	T	THERMOSTAT & HUMIDISTAT
BD	BACK DRAFT DAMPER	F	FIRESTAT
	LOW PRESSURE RECTANGULAR BRANCH DUCT W/ MVD	H	HUMIDISTAT
	SUPPLY AIR DUCT 90° ELBOW UP	HS	SENSOR FOR HUMIDISTAT
	EXH OR RETURN AIR DUCT 90° ELBOW UP	TM	HVAC TIMER
	SUPPLY AIR DUCT 90° ELBOW DOWN		AIR EXTRACTOR
M	MOTORIZED DAMPER IN DUCT DROP		45° DUCT LOW LOSS TAP WITH DAMPER
YR	YOUNG REGULATOR, RE: NOTE #20, SHEET M0.1	VAV–1–A	DESIGNATES VAV BOX TYPE VAV BOX (REFER TO SCHEDULES) RESPECTIVE AIR HANDLING UNIT NUMBER
FL.DR. ■	FLOOR DRAIN, REFER TO PLUMBING		
VFD	VARIABLE SPEED DRIVE, REFER TO SPECIFICATIONS	12x12	RETURN AIR PLENUM TRANSFER DUCT DUCT OPEN TO RETURN AIR PLENUM DUCT SIZE
EMS	TEMP. CONTROL SYSTEM (EMS) CONTROL PANEL, REFER TO SPECIFICATIONS	ECC. TR.	ECCENTRIC TRANSITION, MAINTAIN TOP ELEVATION OF DUCTWORK ABOVE FINISHED FLOOR
EA & E/A	EXHAUST AIR	S	EQUIPMENT SWITCH/STARTER
OA & O/A	OUTSIDE AIR	SCP	SMOKE CONTROL PANEL
		VRF	VARIABLE REFRIGERANT FLOW

Controls

Microprocessor

The Carrier microprocessor controls overall unit operation. Its central executive routine controls a number of processes simultaneously. These include internal timers, reading inputs, analog to digital conversions, fan control, display control, diagnostic control, output relay control, demand limit, capacity control, head pressure control, and temperature reset. Some processes are updated almost continuously, others every 2 to 3 seconds, and some every 30 seconds. The microprocessor also has the capability of communicating with the Carrier Comfort Network® (CCN) devices using the CCN protocol and when the accessory translator is used, other popular protocols including BACnet, Modbus1, and LonWorks may also be used.

The microprocessor routine is started by switching the Emergency ON-OFF switch to ON position.

Cooling control options

When mechanical cooling is required ComfortLink controls have the capability to control the staging of the compressors in several different ways. The control checks on various other operation parameters in the units to make sure that safety limits are not exceeded and the compressors are reliably operated.

The 38RC unit's ComfortLink controls offer two basic control approaches to mechanical cooling: constant volume (CV) with 2 stages of cooling, and variable air volume (VAV) with multiple stages of cooling. In addition to these traditional methods of control, the 38RC Series *ComfortLink* controls offer the ability to run multiple stages of cooling in constant volume applications and accept an external input for desired percentage of capacity.

CONTROL TYPE	COOLING CONTROL METHOD	UNIT SIZE	STAGING CONTROLLED BY
CV THERMOSTAT 2-STAGE	Thermostat	025 to 030	2-Stage Thermostat
CV THERMOSTAT MULTIPLE STAGE	Thermostat	025 to 130	Supply Air Temperature
CV SPT MULTIPLE STAGE	Space Temperature, T-55/T-56	025 to 130	Supply Air Temperature
VAV	Supply Air Temperature	025 to 130	Supply Air Temperature
% CAPACITY	4-20 mA Input	025 to 130	Supply Air Temperature

LEGEND
CV — Constant Volume
SPT — Space Temperature Sensor
VAV — Variable Air Volume

High-efficiency variable condenser fans (38RC units with Greenspeed ® intelligence only)

All fans on a circuit run at the same speed and are controlled by a VFD with special CCN software to maintain SCT (saturated condensing temperature) set point. The set point is calculated from operating conditions and adjusted to the most efficient operating point. The high-efficiency variable condenser fan option uses Danfoss VLT 102 variable frequency drives, each with a display. Drives are connected to the LEN communication bus. Fan speed is determined by the unit controller and communicated to the drive to provide excellent part load efficiency and reduced sound level operation over the life of the condensing unit.

1. Third-party trademarks and logos are property of their respective owners.

Digital compressor

The 38RC units offer a digital compressor factory-installed option composed of one digital compressor per unit to operate in combination with the remaining standard scroll compressor(s). The digital compressor has the ability to load and unload rapidly, and the load/unload timing can be varied to achieve unit capacity and closely match the load. The digital scroll option provides better capacity control by digitally modulating capacity, effectively increasing the number of compression stages. The digital scroll compressor modulates the capacity output using a digital unloader solenoid (DUS) which is activated by a signal from the Carrier controller to allow the scroll sets to rapidly separate (stop compressing) and reengage (resume compressing) during operation. Supply and return air sensors provide the input to the Carrier controller necessary to stage unloading for all digital compressor units. The % capacity control function does not require input from supply and return air sensors. Refer to pages 21-22 for typical control wiring schematics of various common applications. The digital scroll operates in two stages, the loaded state when the solenoid valve is normally closed and the unloaded state when the solenoid valve is energized. These two states rapidly alternate between full capacity and zero capacity where during the loaded state the compressor operates like a standard scroll and delivers full capacity and mass flow, and during the unloaded state, the compressor does not flow refrigerant. The timing of the load/unload states is then tuned to match the desired output.

Control type

The control type determines the selection of the type of cooling control as well as the technique for selecting a cooling mode. The control types are:

VAV

This configuration refers to standard VAV operation. If the control is occupied and fan status input closed, the controls vary capacity based on supply-air temperature.

CV TSTAT-2 Stage

This configuration will force the control to monitor the thermostat inputs (Y1,Y2) to make a determination of mode and capacity.

CV TSTAT-Multiple Stage

This configuration will force the control to monitor the thermostat inputs (Y1,Y2) to make a determination of mode. Unlike traditional 2-stage thermostat control, the unit is allowed to use multiple stages of cooling control and perform VAV-style capacity control.

CV SPT-Multiple Stage

This configuration will force the control to monitor a space temperature sensor to make a determination of mode. The unit is allowed to use multiple stages of cooling control and perform VAV-style capacity control.

% Capacity Control

This configuration will force the control to monitor a 4 to 20 mA external input and vary compressor capacity from 0 to 100% depending on the 4 to 20 mA input.

Cooling control method

Three different cooling control methods are used to step through the available stages of capacity depending on the unit size, circuiting, compressor type and cooling control

Controls (cont)

method. Refer to Loading Sequences tables in the Application Data section on page 23 for specific capacity control.

Multiple-Stage Supply Air Temperature (SAT)

The capacity of the compressors is controlled based on the supply-air temperature and supply air temperature set point. This control method uses an adaptive PID (proportional, integral, derivative) algorithm to calculate the estimated change in supply-air temperature before engaging or disengaging the next stage of cooling. The algorithm compensates for varying conditions, including changing flow rates across the evaporator coil, to provide better overall control of compressor staging.

Multiple Adaptive Demand

This control method will base the capacity of the compressors on the supply air discharge temperature and one of two supply air temperature set points. The control will be able to call out a LOW COOL or a HIGH COOL mode and maintain a low or high cool supply air set point. The unit will use either the input from a conventional thermostat to turn the Y1 , Y2 signals into a high and low demand signal, or with a space temperature sensor use a differential from set point to determine the mode. Once the mode has been established the control uses the same algorithm as with VAV control.

Two-Stage Demand

The unit will operate 2 stages of compressor capacity control.

Demand limiting

The control supports demand limiting using one or two fixed capacity limits initiated by discrete input switches or a variable capacity limit function based on an analog input signal. On CCN systems this can be done through the network, or for non-CCN network jobs this can be done by adding the energy management module.

Diagnostics

The Carrier controls have fully integrated all controls and sensors into a common control system. The control monitors these inputs as well as many of the routines to provide advanced diagnostics. These include adaptive logic to allow the unit to continue to operate in a reduced output mode and automatic resets where applicable. The last 10 alarms and alerts are stored in memory and can be accessed through the display. The alarms can also be monitored through the Carrier Comfort Network® connection. The unit also supports the use of the hand held Navigator™ display which can be plugged in at the main control box.

Some of the diagnostics that are included are:

- Monitoring of all sensors
- Suction and discharge pressure transducers to provide compressor protection and coil freeze protection
- Monitoring of compressor status using compressor logic routines in the controls
- Low refrigerant charge protection
- Compressor reverse rotation protection
- Low superheat protection

Control interface

The Carrier controller can interface with the Carrier Comfort Network devices through the 485 communications port. This will allow for the use of all system control programs.

Controls (cont)

- For units connected into a CCN network the timeclock can be integrated into the overall building energy management system and be updated remotely.

Variable air volume (VAV) applications

Units that are configured to operate in VAV applications are designed to control the leaving-air temperature in cooling to a configurable set point. Some of the features for VAV units in a stand-alone application include:

- The units are shipped as operable, stand-alone units with the addition of a field-supplied timeclock to establish unit start and stop times or they can use ComfortLink time of day scheduling routine.
- Provide cooling control.
- Supports an optional space temperature sensor for mode control and supply air temperature reset.
- If space sensor is equipped with an override feature, the sensor will allow operation during the unoccupied period for a fixed length of time.
- Control board diagnostics.
- Control of an outdoor-air fan based upon outdoor-air temperature and saturated condensing temperature.
- Support of remote occupied/unoccupied input to start.
- Support a field test for field check out.
- Cooling capacity control of 2 to 6 stages plus economizer. Refer to Loading Sequences tables in the Application Data section on page 23 for specific capacity control.
- Compressor time delays to prevent rapid cycling of compressors.
- Automatic lead-lag control of compressors to reduce the number of compressor cycles. (When unit is equipped with digital scroll option, Sequence A is always used.)
- With the addition of the energy management board, the *ComfortLink controls will also support demand limiting* and remote set point control.

When the unit is connected to a CCN (Carrier Comfort Network®) system, the following additional features can be used:

- Interface of the unit clock with the CCN network clock and allow for remote configuration of the schedules.
- CCN demand limit participation.

Sequence of operation

Cooling, constant volume (CV) units

On power up, the control module will activate the initialization software. The initialization software will determine the unit configuration and also initialize any controls loops and input/output devices. All alarms and configurations are saved in memory and maintained during power outages. All alarms will be maintained in memory and must be cleared through the display.

Constant volume conventional thermostat control

If the unit is equipped with a conventional thermostat with Y1, Y2 connections, then the control will perform the following sequence.

If Y1 is closed and the fan status input is closed then the control will stage the first compressor be sequenced on. If Y2 closes the control will stage the second compressor on. For units configured for TSTAT Multi, the control will add and remove compressor stages to maintain the low and high demand leaving air set points. If Y1 is closed at least one compressor stage will be turned on.

Constant volume space temperature sensor control

If the space temperature operation has been selected using a T55, T56, or T58 sensor then the following logic will be used to control the operation of the unit. If the internal timeclock is used, the control module determines the occupancy state based on the system time schedules. The set point for cooling is configurable through the display. If a T56 sensor is being used then the set point can be shifted by has much as 5 degrees. If the space temperature goes above the cooling set point then the unit will go into Cooling mode. The set point will depend on the space temperature. Once the fan status input is closed then the compressors will be sequenced on to maintain either the low or high load temperature set points.

Variable air volume control

On power up, the control module will activate the initialization software. The initialization software will determine the unit configuration and also initialize any controls loops and input/output devices. All alarms and configurations are saved in memory and maintained during power outages. All alarms will be maintained in memory and must be cleared through the display.

The unit will first determine the mode of operation. If the Cooling mode is required and the fan status input closed, then the controlling set point will be the leaving air temperature set point; then the leaving-air temperature will sequence to compressor on and off using a PID control loop.

Controls (cont)

These include:

- Network Service Tool
- ComfortVIEW™ software
- CCN Web software

The control can also provide interface with non-Carrier energy management systems with the addition of either the BACnet/MODBUS Carrier translator or the LonWorks Carrier translator. Several contact connection points have been provided in the main control box for interface to external controls and systems.

Constant volume applications

The units can be configured to operate in CV applications. The unit operates with either a standard (mechanical or electronic) 2-stage cool thermostat, or with an electronic room temperature sensor and a timeclock to establish unit start and stop times. With a standard thermostat (programmable is optional), cooling operation is set by space temperature. With a space sensor and field-supplied timeclock, the machine will operate at default values unless they are changed using appropriate input devices.

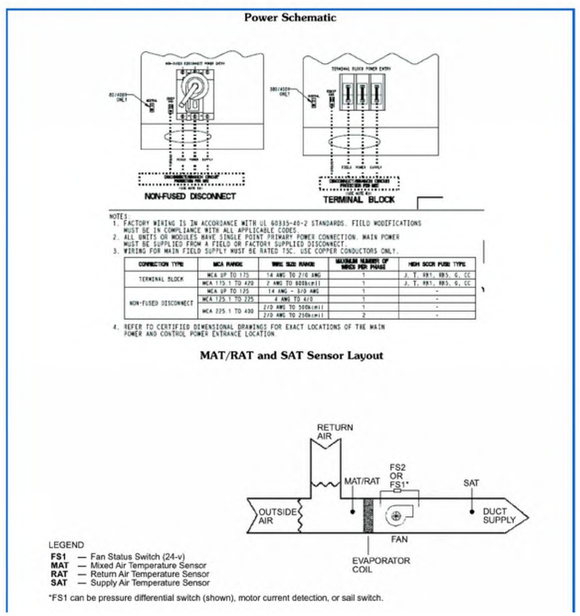
Features with thermostat control of unit include:

- Two-stage cooling or adaptive multiple stage cooling which can provide 2 to 6 stages of capacity when supply air sensors installed. Refer to Loading Sequences tables in the Application Data section on page 23 for specific capacity control.
- Control of unit using Y1, Y2 thermostat or T55, T56, or T58 space sensors.
- Control of a condenser fan based on outdoor-air and condensing pressures.
- Compressor time guard override (power up and minimum on and off timers) to assure air return in low load conditions.
- Features with sensor control (three options available) of unit include:
- T55 sensor will monitor room temperature and provide unoccupied override capability (1 to 4 hours).
- T56 sensor will monitor room temperature, provide unoccupied override capability (1 to 4 hours), and provide a temperature offset of 5°F (2.7°C) maximum.
- T58 CCN communicating sensor will provide the set point and space temperature values.

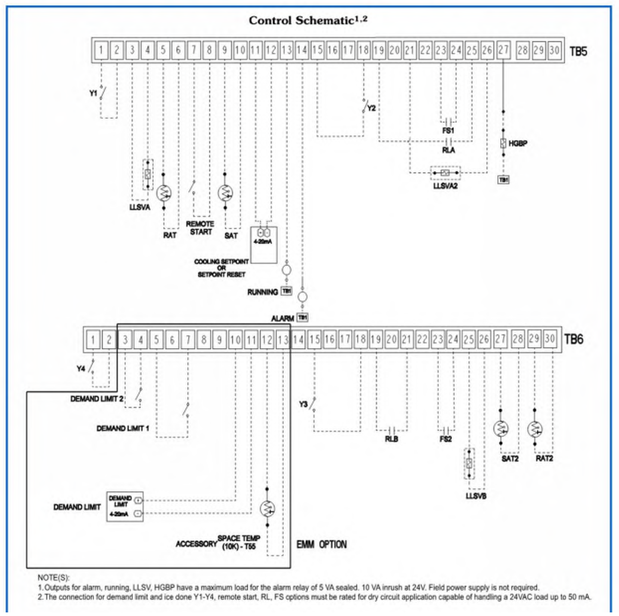
Standard features include:

- Two-stage cooling or adaptive multiple stage cooling which can provide 2 to 6 stages of capacity when supply air sensors installed. Refer to Loading Sequences tables in the Application Data section on page 23 for specific capacity control.
- Adjustment of space temperature set points of ± 5°F (2.7°C) when using a T56 sensor.
- 365-day timeclock with backup (supports minute, hour, and day of week, date, month, and year access). The timeclock includes the following features:
  - Daylight savings time function
  - Occupancy control with 8 periods for unit operation
  - Holiday table containing up to 18 holiday schedules
- Ability to initiate timed override from T55 or T56 sensors(for a timed period of 1 to 4 hours).

Typical control wiring schematics



Typical control wiring schematics (cont)



GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

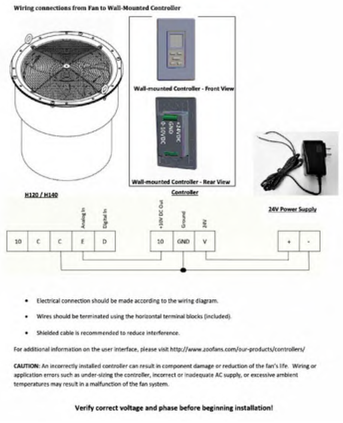
PROJECT NO. 2408

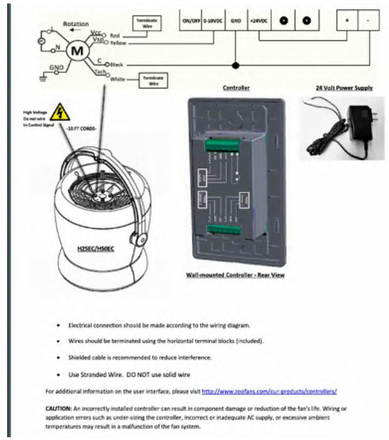
SHEET NO. M-3.1

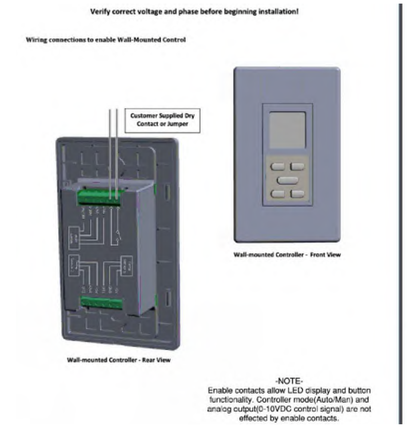
EYRE ENGINEERING

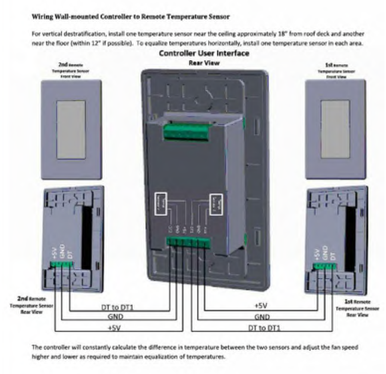
PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.











*ZOO FAN CONTROLLER MODEL "AVS-EC-AUTO" AUTOMATIC CONTROLLER & TWO (2) TEMPERATURE SENSORS (ONLY ONE (1) TEMPERATURE SENSOR SHOWN, PROVIDE TWO (2)).

Automatic mode will automatically change the speed of the fans based on the Delta T in the space. The Automatic Mode can be configured to 3 ceiling heights – High, Medium or Low.

Use the chart below as a guideline to select the recommended setting for your space:

Automatic Mode Settings

MODEL	LOW	MEDIUM	HIGH
H25	<15'	14' - 20'	>18'
H30	<16'	14' - 22'	>20'
H50	<20'	18' - 28'	>26'
H60	<20'	18' - 28'	>26'
H120	<40'	40' - 70'	>70'
H140	<50'	50' - 80'	>80'
IC20	<12'	10' - 18'	>16'
IC15	<12'	10' - 14'	>18
IC30	<6'	14' - 22'	>20'

1 DETAIL - WIRING & CONTROL EXCERPT(S) FROM ZOO FAN INSTALLATION MANUAL

NO SCALE

CLOTHES DRYER EXHAUST DUCTWORK INSTALLATION NOTES:

504.1 INSTALLATION: CLOTHES DRYERS SHALL BE EXHAUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DRYER EXHAUST SYSTEMS SHALL CONVEY THE MOISTURE AND ANY PRODUCTS OF COMBUSTION TO THE OUTSIDE OF THE BUILDING.

- EXCEPTION: THIS SECTION SHALL NOT APPLY TO LISTED AND LABELED CONDENSING (DUCTLESS) CLOTHES DRYERS.

504.2 EXHAUST PENETRATIONS: WHERE A CLOTHES DRYER EXHAUST DUCT PENETRATES A WALL OR CEILING MEMBRANE, THE ANNULAR SPACE SHALL BE SEALED WITH NONCOMBUSTIBLE MATERIAL, APPROVED FIRE CAULKING OR A NONCOMBUSTIBLE DRYER EXHAUST DUCT WALL RECEPTACLE. DUCTS THAT EXHAUST CLOTHES DRYERS SHALL NOT PENETRATE OR BE LOCATED WITHIN ANY FIREBLOCKING, DRAFTSTOPPING OR ANY WALL, FLOOR/CEILING OR OTHER ASSEMBLY REQUIRED BY THE INTERNATIONAL BUILDING CODE TO BE FIRE-RESISTANCE RATED, UNLESS SUCH DUCT IS CONSTRUCTED OF GALVANIZED STEEL OR ALUMINUM OF THE THICKNESS SPECIFIED IN SECTION 603.4 AND THE FIRE-RESISTANCE RATING IS MAINTAINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE. FIRE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS AND ANY SIMILAR DEVICES THAT WILL OBSTRUCT THE EXHAUST FLOW SHALL BE PROHIBITED IN CLOTHES DRYER EXHAUST DUCTS.

504.3 CLEANOUT: EACH VERTICAL RISER SHALL BE PROVIDED WITH A MEANS FOR CLEANOUT.

504.4 EXHAUST INSTALLATION: DRYER EXHAUST DUCTS FOR CLOTHES DRYERS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION. DUCTS SHALL NOT BE CONNECTED OR INSTALLED WITH SHEET METAL SCREWS OR OTHER FASTENERS THAT WILL OBSTRUCT THE EXHAUST FLOW. CLOTHES DRYER EXHAUST DUCTS SHALL NOT BE CONNECTED TO A VENT CONNECTOR, VENT OR CHIMNEY. CLOTHES DRYER EXHAUST DUCTS SHALL NOT EXTEND INTO OR THROUGH DUCTS OR PLENUMS. CLOTHES DRYER EXHAUST DUCTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 603.9.

504.4.1 TERMINATION LOCATION: EXHAUST DUCT TERMINATIONS SHALL BE IN ACCORDANCE WITH THE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS. WHERE THE MANUFACTURER'S INSTRUCTIONS DO NOT SPECIFY A TERMINATION LOCATION, THE EXHAUST DUCT SHALL TERMINATE NOT LESS THAN 3 FEET (914 MM) IN ANY DIRECTION FROM OPENINGS INTO BUILDINGS, INCLUDING OPENINGS IN VENTILATED SOFFITS.

504.4.2 EXHAUST TERMINATION OUTLET AND PASSAGEWAY SIZE: THE PASSAGEWAY OF DRYER EXHAUST DUCT TERMINALS SHALL BE UNDIMINISHED IN SIZE AND SHALL PROVIDE AN OPEN AREA OF NOT LESS THAN 12.5 SQUARE INCHES (8065 MM2).

504.5 DRYER EXHAUST DUCT POWER VENTILATORS: DOMESTIC DRYER EXHAUST DUCT POWER VENTILATORS SHALL BE LISTED AND LABELED TO UL 705 FOR USE IN DRYER EXHAUST DUCT SYSTEMS. THE DRYER EXHAUST DUCT POWER VENTILATOR SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

504.6 BOOSTER FANS PROHIBITED: DOMESTIC BOOSTER FANS SHALL NOT BE INSTALLED IN DRYER EXHAUST SYSTEMS.

504.7 MAKEUP AIR: INSTALLATIONS EXHAUSTING MORE THAN 200 CFM (0.09 M3/S) SHALL BE PROVIDED WITH MAKEUP AIR. WHERE A CLOSET IS DESIGNED FOR THE INSTALLATION OF A CLOTHES DRYER, AN OPENING HAVING AN AREA OF NOT LESS THAN 100 SQUARE INCHES (0.0645 M2) SHALL BE PROVIDED IN THE CLOSET ENCLOSURE OR MAKEUP AIR SHALL BE PROVIDED BY OTHER APPROVED MEANS.

504.8 PROTECTION REQUIRED: PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT. SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES (32 MM) BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER. PROTECTIVE SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCH (1.6 MM) AND EXTEND NOT LESS THAN 2 INCHES (51 MM) ABOVE SOLE PLATES AND BELOW TOP PLATES.

504.9 DOMESTIC CLOTHES DRYER DUCTS: EXHAUST DUCTS FOR DOMESTIC CLOTHES DRYERS SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 504.9.1 THROUGH 504.9.6.

504.9.1 MATERIAL AND SIZE: EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND SHALL BE CONSTRUCTED OF METAL NOT LESS THAN 0.016 INCH (0.4 MM) IN THICKNESS. THE EXHAUST DUCT SIZE SHALL BE 4 INCHES (102 MM) NOMINAL IN DIAMETER.

504.9.2 DUCT INSTALLATION: EXHAUST DUCTS SHALL BE SUPPORTED AT 4-FOOT (1219 MM) INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. DUCTS SHALL NOT BE JOINED WITH SCREWS OR SIMILAR FASTENERS THAT PROTRUDE MORE THAN 1/8 INCH (3.2 MM) INTO THE INSIDE OF THE DUCT. WHERE DRYER EXHAUST DUCTS ARE ENCLOSED IN WALL OR CEILING CAVITIES, SUCH CAVITIES SHALL ALLOW THE INSTALLATION OF THE DUCT WITHOUT DEFORMATION.

504.9.3 TRANSITION DUCTS: TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET (2438 MM) IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.

504.9.4 DUCT LENGTH: THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS 504.9.4.1 THROUGH 504.9.4.3.

504.9.4.1 SPECIFIED LENGTH: THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE 35 FEET (10 668 MM) FROM THE CONNECTION TO THE TRANSITION DUCT FROM THE DRYER TO THE OUTLET TERMINAL. WHERE FITTINGS ARE USED, THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE REDUCED IN ACCORDANCE WITH TABLE 504.9.4.1.

TABLE 504.9.4.1: DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH

DRYER EXHAUST DUCT FITTING TYPE	EQUIVALENT LENGTH
4" RADIUS MITERED 45-DEGREE ELBOW	2 FEET 6 INCHES
4" RADIUS MITERED 90-DEGREE ELBOW	5 FEET
6" RADIUS SMOOTH 45-DEGREE ELBOW	1 FOOT
6" RADIUS SMOOTH 90-DEGREE ELBOW	1 FOOT 9 INCHES
8" RADIUS SMOOTH 45-DEGREE ELBOW	1 FOOT
8" RADIUS SMOOTH 90-DEGREE ELBOW	1 FOOT 7 INCHES
10" RADIUS SMOOTH 45-DEGREE ELBOW	9 INCHES
10" RADIUS SMOOTH 90-DEGREE ELBOW	1 FOOT 6 INCHES

*FOR SI: 1 INCH = 25.4 MM, 1 FOOT = 304.8 MM, 1 DEGREE = 0.0175 RAD.

504.9.4.2 MANUFACTURER'S INSTRUCTIONS: THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE DETERMINED BY THE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE CODE OFFICIAL SHALL BE PROVIDED WITH A COPY OF THE INSTALLATION INSTRUCTIONS FOR THE MAKE AND MODEL OF THE DRYER. WHERE THE EXHAUST DUCT IS TO BE CONCEALED, THE INSTALLATION INSTRUCTIONS SHALL BE PROVIDED TO THE CODE OFFICIAL PRIOR TO THE CONCEALMENT INSPECTION. IN THE ABSENCE OF FITTING EQUIVALENT LENGTH CALCULATIONS FROM THE CLOTHES DRYER MANUFACTURER, TABLE 504.9.4.1 SHALL BE USED.

504.9.4.3 DRYER EXHAUST DUCT POWER VENTILATOR LENGTH: THE MAXIMUM LENGTH OF THE EXHAUST DUCT SHALL BE DETERMINED BY THE DRYER EXHAUST DUCT POWER VENTILATOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.

504.9.5 LENGTH IDENTIFICATION: WHERE THE EXHAUST DUCT EQUIVALENT LENGTH EXCEEDS 35 FEET (10 668 MM), THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG. THE LABEL OR TAG SHALL BE LOCATED WITHIN 6 FEET (1829 MM) OF THE EXHAUST DUCT CONNECTION.

504.9.6 EXHAUST DUCT REQUIRED: WHERE SPACE FOR A CLOTHES DRYER IS PROVIDED, AN EXHAUST DUCT SYSTEM SHALL BE INSTALLED. WHERE THE CLOTHES DRYER IS NOT INSTALLED AT THE TIME OF OCCUPANCY, THE EXHAUST DUCT SHALL BE CAPPED AT THE LOCATION OF THE FUTURE DRYER.

- EXCEPTION: WHERE A LISTED CONDENSING CLOTHES DRYER IS INSTALLED PRIOR TO OCCUPANCY OF STRUCTURE.

504.10 COMMERCIAL CLOTHES DRYERS: THE INSTALLATION OF DRYER EXHAUST DUCTS SERVING COMMERCIAL CLOTHES DRYERS SHALL COMPLY WITH THE APPLIANCE MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXHAUST FAN MOTORS INSTALLED IN EXHAUST SYSTEMS SHALL BE LOCATED OUTSIDE OF THE AIRSTREAM. IN MULTIPLE INSTALLATIONS, THE FAN SHALL OPERATE CONTINUOUSLY OR BE INTERLOCKED TO OPERATE WHEN ANY INDIVIDUAL UNIT IS OPERATING. DUCTS SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES (152 MM) TO COMBUSTIBLE MATERIALS. CLOTHES DRYER TRANSITION DUCTS USED TO CONNECT THE APPLIANCE TO THE EXHAUST DUCT SYSTEM SHALL BE LIMITED TO SINGLE LENGTHS NOT TO EXCEED 8 FEET (2438 MM) IN LENGTH AND SHALL BE LISTED AND LABELED FOR THE APPLICATION. TRANSITION DUCTS SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.

504.11 COMMON EXHAUST SYSTEMS FOR CLOTHES DRYERS LOCATED IN MULTISTORY STRUCTURES: WHERE A COMMON MULTISTORY DUCT SYSTEM IS DESIGNED AND INSTALLED TO CONVEY EXHAUST FROM MULTIPLE CLOTHES DRYERS, THE CONSTRUCTION OF THE SYSTEM SHALL BE IN ACCORDANCE WITH ALL OF THE FOLLOWING:

1. THE SHAFT IN WHICH THE DUCT IS INSTALLED SHALL BE CONSTRUCTED AND FIRE-RESISTANCE RATED AS REQUIRED BY THE INTERNATIONAL BUILDING CODE.
2. DAMPERS SHALL BE PROHIBITED IN THE EXHAUST DUCT. PENETRATIONS OF THE SHAFT AND DUCTWORK SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 607.5.5, EXCEPTION 2.
3. RIGID METAL DUCTWORK SHALL BE INSTALLED WITHIN THE SHAFT TO CONVEY THE EXHAUST. THE DUCTWORK SHALL BE CONSTRUCTED OF SHEET STEEL HAVING A MINIMUM THICKNESS OF 0.0187 INCH (0.4712 MM) (NO. 26 GAGE) AND IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS.
4. THE DUCTWORK WITHIN THE SHAFT SHALL BE DESIGNED AND INSTALLED WITHOUT OFFSETS.
5. THE EXHAUST FAN MOTOR DESIGN SHALL BE IN ACCORDANCE WITH SECTION 503.2.
6. THE EXHAUST FAN MOTOR SHALL BE LOCATED OUTSIDE OF THE AIRSTREAM.
7. THE EXHAUST FAN SHALL RUN CONTINUOUSLY, AND SHALL BE CONNECTED TO A STANDBY POWER SOURCE.
8. EXHAUST FAN OPERATION SHALL BE MONITORED IN AN APPROVED LOCATION AND SHALL INITIATE AN AUDIBLE OR VISUAL SIGNAL WHEN THE FAN IS NOT IN OPERATION.
9. MAKEUP AIR SHALL BE PROVIDED FOR THE EXHAUST SYSTEM.
10. A CLEANOUT OPENING SHALL BE LOCATED AT THE BASE OF THE SHAFT TO PROVIDE ACCESS TO THE DUCT TO ALLOW FOR CLEANING AND INSPECTION. THE FINISHED OPENING SHALL BE NOT LESS THAN 12 INCHES BY 12 INCHES (305 MM BY 305 MM).
11. SCREENS SHALL NOT BE INSTALLED AT THE TERMINATION.
12. THE COMMON MULTISTORY DUCT SYSTEM SHALL SERVE ONLY CLOTHES DRYERS AND SHALL BE INDEPENDENT OF OTHER EXHAUST SYSTEMS.

EYRE ENGINEERING

PRINTED 8.29.2025

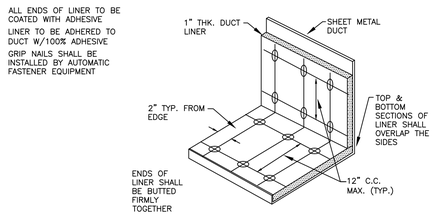
These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

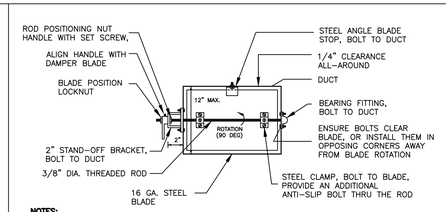
ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-3.2

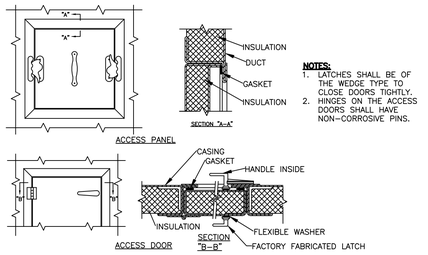


1 NTS DETAIL – DUCT LINER INSTALLATION



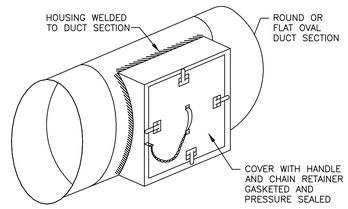
NOTES:
1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
2. ENSURE THAT FULL 90° DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
3. FOR DUCT HEIGHTS MORE THAN 12", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS

2 NTS DETAIL – MANUAL VOLUME DAMPER, TYPICAL



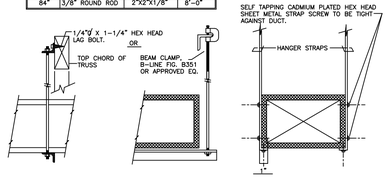
NOTES:
1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.

3 NTS DETAIL – DUCT ACCESS DOOR, TYPICAL



4 NTS DETAIL – ACCESS SECTION FOR ROUND DUCT

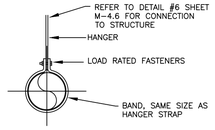
HANGER SUPPORT SCHEDULE			
MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"X16" GAGE STRIP	1⅜"X1⅜"X1/8"	10'-0"
36"	1/4" ROUND ROD	2"X2"X1/8"	8'-0"
48"	1/4" ROUND ROD	2"X2"X1/8"	8'-0"
60"	5/16" ROUND ROD	2"X2"X1/8"	8'-0"
84"	3/8" ROUND ROD	2"X2"X1/8"	8'-0"



NOTES:
1. REFER TO ARCH DRAWINGS FOR EXACT STRUCTURE OF BUILDING.
2. REFER TO SPECS FOR INSULATION TYPE

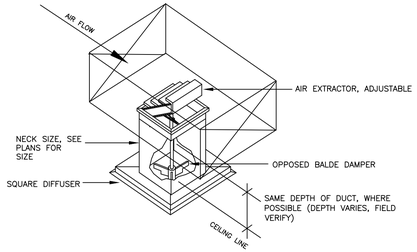
5 NTS DETAIL – RECTANGULAR DUCT SUPPORTS

MINIMUM HANGERS SIZES FOR ROUND DUCT			
DIA.	MIN. SPACING	ROD	STRAP
10" DN	12'0"	1/4"	1"x22 GA.
11"–18"	12'0"	1/4"	1"x22 GA.
19"–24"	12'0"	1/4"	1"x22 GA.
25"–36"	25"–36"	1/4"	1"x20 GA.
37"–50"	12'0"	TWO (2) 3/8"	TWO (2) 1"X18 GA.
51"–60"	12'0"	TWO (2) 3/8"	TWO (2) 1"X18 GA.

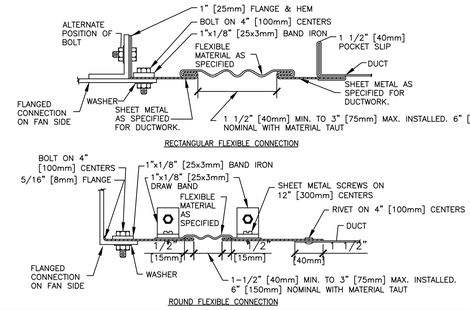


NOTES:
1. REFER TO ARCH DRAWINGS FOR STRUCTURE OF BUILDING.

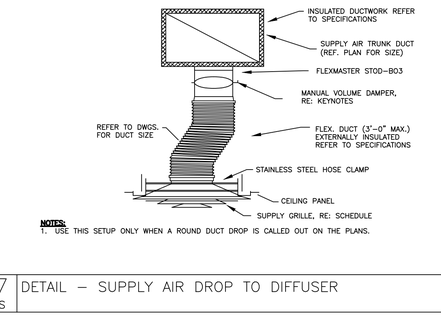
6 NTS DETAIL – ROUND DUCT SUPPORTS



7 NTS DETAIL – RECTANGULAR DUCT DROP TO DIFFUSER, TYPICAL



8 NTS DETAIL – FLEXIBLE EQUIPMENT/DUCT CONNECTIONS

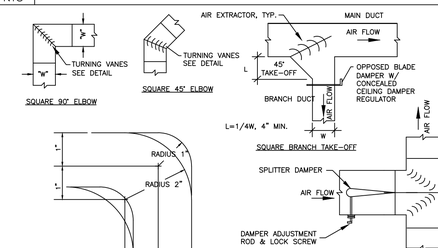


9 NTS DETAIL – REMOTE OPERATED DAMPER, TYPICAL



NOTES:
1. RETURN AIR AND OUTSIDE DUCT CONNECTIONS SIMILAR.
2. CONNECTION ON TOP SIMILAR.

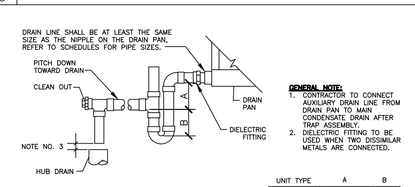
10 NTS DETAIL – PLENUM ON REAR OF RETURN/EXHAUST AIR GRILLE



*CONTRACTOR TO PROVIDE INSULATED SHEET METAL PLENUM OF REAR OF SUPPLY GRILLE AND TAP INTO SIDE OF PLENUM WITH BRANCH DUCT. REFER TO DRAWINGS FOR SIZE OF BRANCH DUCT. CONTRACTOR TO USE THIS SETUP ONLY WHEN THE CEILING SPACE DOES NOT ALLOW FOR A SMOOTH ROUND RADIUS ELBOW DOWN TO SUPPLY GRILLE.

11 NTS DETAIL – DIFFUSER PLENUM TAP CONNECTION

12 NTS DETAIL – NOT USED



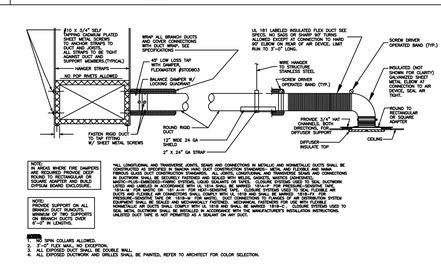
NOTES:
1. REFER TO SCHEDULES FOR SIZE OF CONDENSATE PIPE.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.
3. TWICE THE PIPE DIAMETER, 2" MIN. GAP

GENERAL NOTE:
1. CONTRACTOR TO CONNECT AUXILIARY DRAIN LINE FROM DRAIN PAN TO MAIN CONDENSATE DRAIN AFTER TRAP ASSEMBLY.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE CONNECTED.

UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

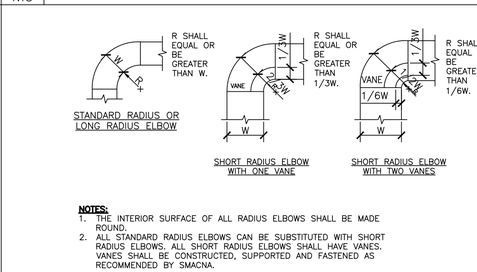
WHERE X = STATIC PRESSURE IN PAN

13 NTS DETAIL – CONDENSATE DRAIN TRAP



14 NTS DETAIL – TYPICAL BRANCH TO DIFFUSER

15 NTS DETAIL – TYPICAL DUCT LAYOUTS

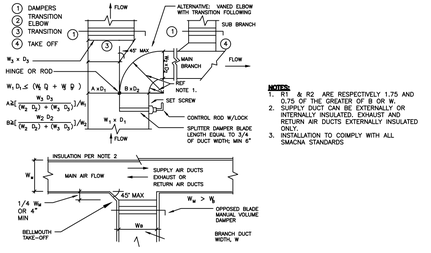


NOTES:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

16 NTS DETAIL – RADIUS DUCT ELBOWS, TYPICAL

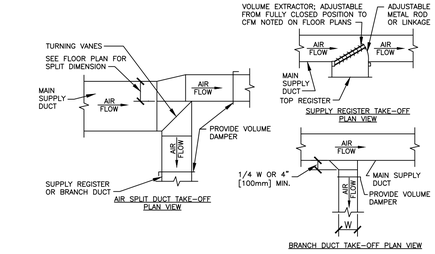
NOTES:
1. USE THIS SETUP ONLY WHEN A ROUND DUCT DROP IS CALLED OUT ON THE PLANS.

17 NTS DETAIL – SUPPLY AIR DROP TO DIFFUSER

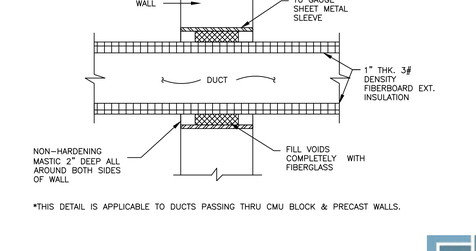


NOTES:
1. R1 & R2 ARE RESPECTIVELY 1.75 AND 0.75 OF THE GREATER OF B OR W.
2. SUPPLY DUCT CAN BE EXTERNALLY OR INTERNALLY INSULATED. EXHAUST AND RETURN AIR DUCTS EXTERNALLY INSULATED ONLY.
3. INSTALLATION TO COMPLY WITH ALL SMACNA STANDARDS

18 NTS DETAIL – DUCT MAIN BRANCH TAKEOFFS, TYPICAL



19 NTS DETAIL – SUPPLY AIR DUCT TAKEOFFS, TYPICAL



*THIS DETAIL IS APPLICABLE TO DUCTS PASSING THRU CMU BLOCK & PRECAST WALLS.

20 NTS DETAIL – DUCT PENETRATION THRU WALL, TYPICAL

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

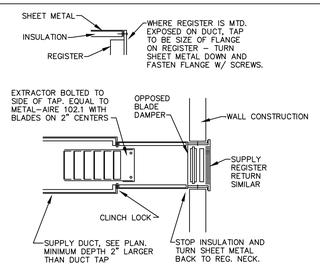
ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

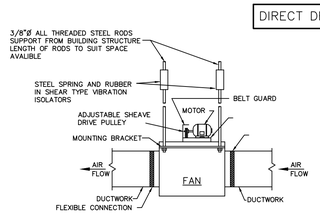
PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR BIDDING, PERMITTING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-4.1

EYRE ENGINEERING
PRINTED 8.29.2025



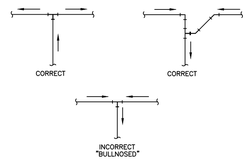
1 NTS DETAIL – SIDEWALL GRILLE, TYPICAL



GENERAL NOTE:

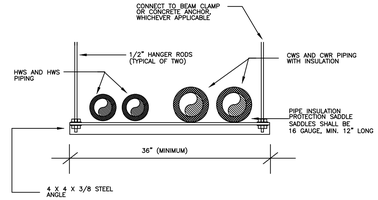
1. PROVIDE SPEED CONTROLLER FO ALL DIRECT DRIVE FANS.

2 NTS DETAIL – INLINE EXHAUST FAN, TYPICAL



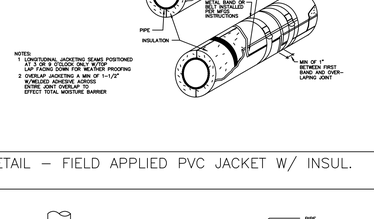
DO NOT BULLNOSE ANY PIPING

3 NTS DETAIL – PIPING TEE CONNECTIONS

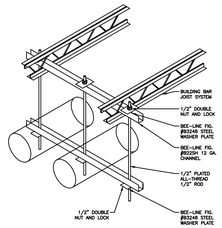


1. REFER TO ARCH DRAWINGS FOR STRUCTURE OF BUILDING.
2. PROVIDE DOUBLE NUT AT CONNECTION AS SHOWN.

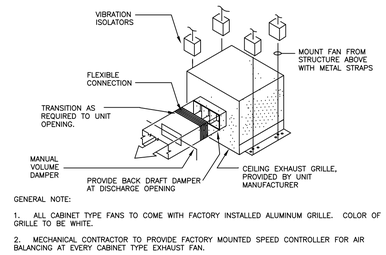
4 NTS DETAIL – SUSPENDED PIPE SUPPORTS



5 NTS DETAIL – WALL SUPPORTED PIPE RACK, TYP



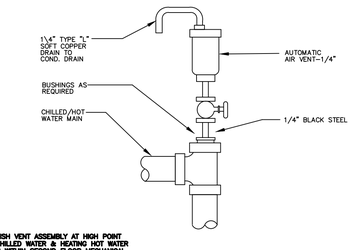
6 NTS DETAIL – TRAPEZE PIPE HANGERS, TYP.



GENERAL NOTE:

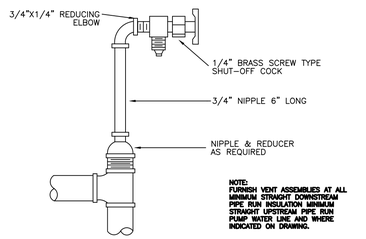
1. ALL CABINET TYPE FANS TO COME WITH FACTORY INSTALLED ALUMINUM GRILLE. COLOR OF GRILLE TO BE WHITE.
2. MECHANICAL CONTRACTOR TO PROVIDE FACTORY MOUNTED SPEED CONTROLLER FOR AIR BALANCING AT EVERY CABINET TYPE EXHAUST FAN.
3. EXHAUST FAN HOUSING TO BE INSULATED.
4. PROVIDE FLEXIBLE CONNECTION AT DISCHARGE OF UNIT.

7 NTS DETAIL – CABINET TYPE FAN, TYPICAL



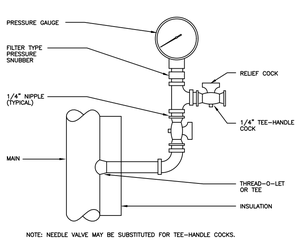
NOTES:
1. FURNISH VENT ASSEMBLY AT HIGH POINT OF CHILLED WATER & HEATING HOT WATER LINES WITHIN SECOND FLOOR MECHANICAL ROOM. ROUTE DRAIN TO FLOOR DRAIN IN MECHANICAL ROOM.

8 NTS DETAIL – AUTOMATIC AIR VENT, TYP.



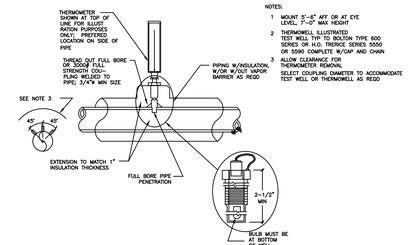
NOTE:
FURNISH VENT ASSEMBLIES AT ALL MINIMUM STRAIGHT DOWNSTREAM PIPE RUN INSULATION MINIMUM STRAIGHT UPSTREAM PIPE RUN PUMP WATER LINE AND WHERE INDICATED ON DRAWING.

9 NTS DETAIL – MANUAL AIR VENT

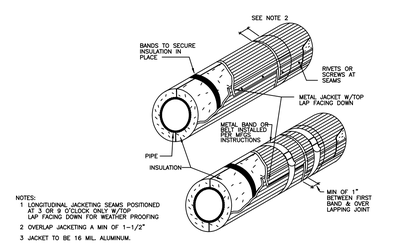


NOTE: NEEDLE VALVE MAY BE SUBSTITUTED FOR TEE-HANDLE COCKS.

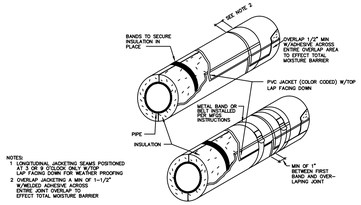
10 NTS DETAIL – PRESSURE GAUGE, TYP.



11 NTS DETAIL – THERMOMETER / THERMOWELL



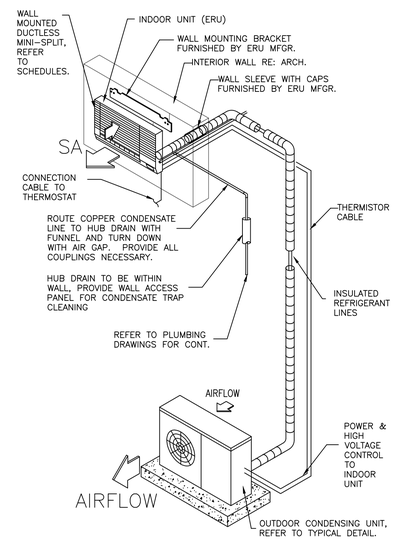
12 NTS DETAIL – EXTERIOR PIPE METAL JACKET, TYP.



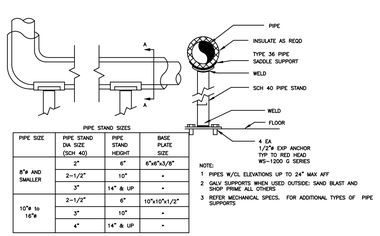
13 NTS DETAIL – FIELD APPLIED PVC JACKET W/ INSUL.

14 NTS DETAIL – NOT USED

15 NTS DETAIL – NOT USED



19 NTS DETAIL – MINI-SPLIT SYSTEM, TYPICAL

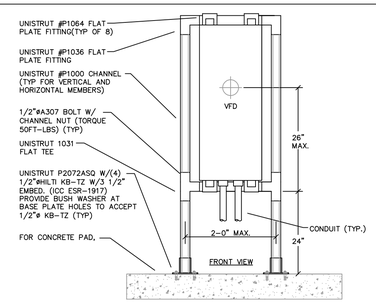


PIPE STAND SIZES

PIPE SIZE	PIPE STAND DIA SIZE (SCH 40)	PIPE STAND HEIGHT	BASE PLATE SIZE
8"ø AND SMALLER	2"	6"	6"x6"x3/8"
	2-1/2"	10"	-
	3"	14" & UP	-
10"ø to 16"ø	2-1/2"	6"	10"x10"x1/2"
	3"	10"	-
	4"	14" & UP	-

NOTE:
1 PIPES W/CL ELEVATIONS UP TO 24" MAX AFF
2 GALV SUPPORTS WHEN USED OUTSIDE; SAND BLAST AND SHOP PRIME ALL OTHERS
3 REFER MECHANICAL SPECS. FOR ADDITIONAL TYPES OF PIPE SUPPORTS

16 NTS DETAIL – GROUND PIPE SUPPORTS, TYPICAL



17 NTS DETAIL – VARIABLE FREQUENCY DRIVE INSTALLATION

18 NTS DETAIL – NOT USED

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS AN INSTRUMENT OF SERVICE OF A PERMIT. HENRY C EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

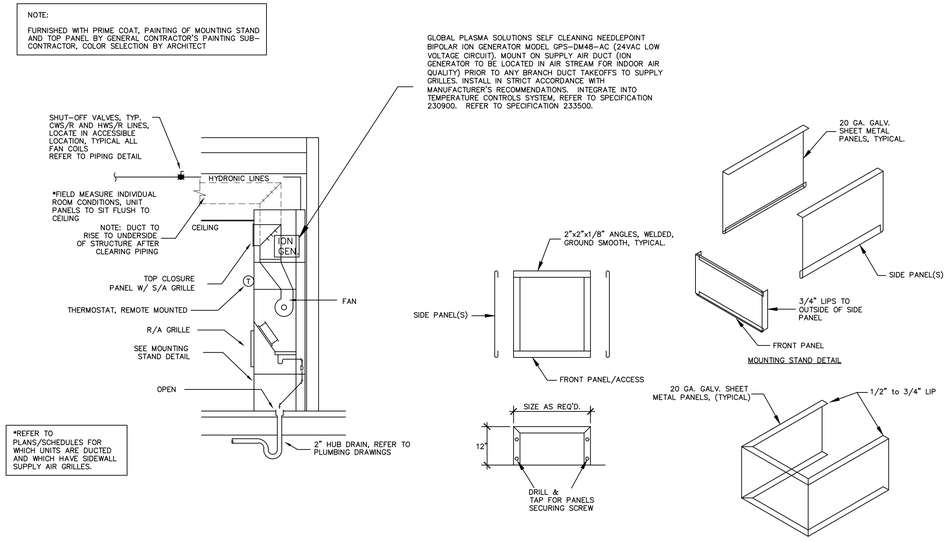
DRAWN BY: JDC

CHECKED BY: HCEIII

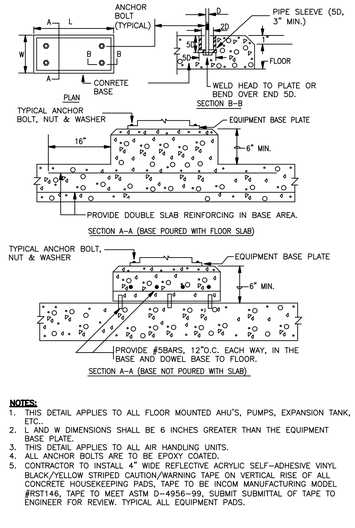
PROJECT NO. 2408

SHEET NO. M-4.2

EYRE ENGINEERING
PRINTED 8.29.2025

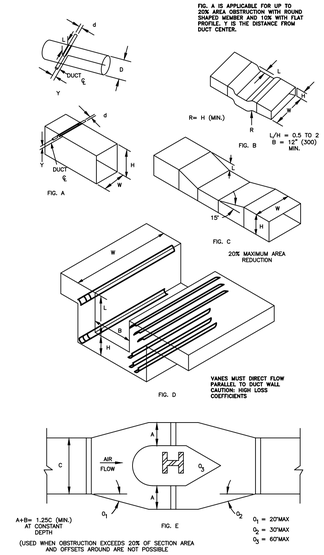


1 NTS DETAIL – VERTICAL FAN COIL UNIT, TYPICAL

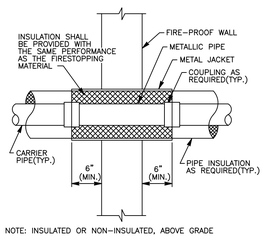


NOTES:
1. THIS DETAIL APPLIES TO ALL FLOOR MOUNTED AHU'S, PUMPS, EXPANSION TANK, ETC.
2. L AND W DIMENSIONS SHALL BE 6 INCHES GREATER THAN THE EQUIPMENT BASE PLATE.
3. THIS DETAIL APPLIES TO ALL AIR HANDLING UNITS.
4. ALL ANCHOR BOLTS ARE TO BE EPOXY COATED.
5. CONTRACTOR TO INSTALL 4" WIDE REFLECTIVE ACRYLIC SELF-ADHESIVE VINYL BLACK/YELLOW STRIPED CAUTION/WARNING TAPE ON VERTICAL RISE OF ALL CONCRETE HOUSEKEEPING PADS, TAPE TO BE INCOM MANUFACTURING MODEL #RST146, TAPE TO MEET ASTM D-4956-99, SUBMIT SUBMITTAL OF TAPE TO ENGINEER FOR REVIEW. TYPICAL ALL EQUIPMENT PADS.

2 NTS DETAIL – CONCRETE HOUSEKEEPING PAD, TYPICAL

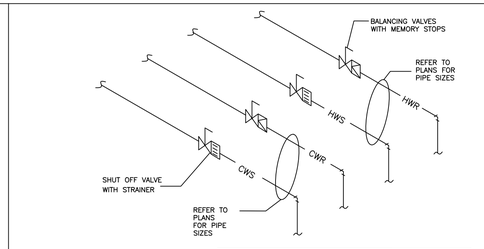


3 NTS DETAIL – DUCT TRANSITION FOR OBSTRUCTIONS



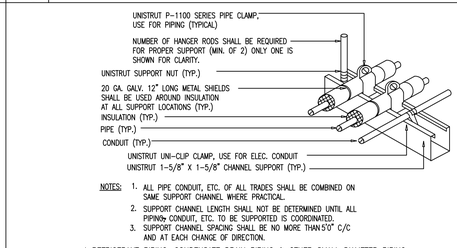
NOTE: INSULATED OR NON-INSULATED, ABOVE GRADE

4 NTS DETAIL – TYP. FIRE-PROOF, FRAMED WALL PENETRATION



APPLIES TO ALL VERTICAL/HORIZONTAL FAN COIL UNITS, ALL SHEETS

5 NTS DETAIL – FAN COIL UNITS BRANCH PIPING



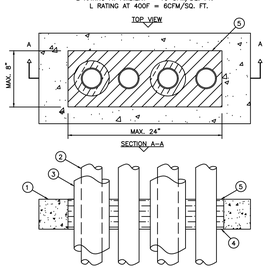
NOTES:
1. ALL PIPE CONDUIT, ETC. OF ALL TRADES SHALL BE COMBINED ON SAME SUPPORT CHANNEL WHERE PRACTICAL.
2. SUPPORT CHANNEL LENGTH SHALL NOT BE DETERMINED UNTIL ALL PIPING & CONDUIT, ETC. TO BE SUPPORTED IS COORDINATED.
3. SUPPORT CHANNEL SPACING SHALL BE NO MORE THAN 5'0" C/C AND AT EACH CHANGE OF DIRECTION.

* REFRIGERANT PIPING, CONDENSATE DRAIN PIPING & OTHER SMALL DIAMETER PIPING.

6 NTS DETAIL – TRAPEZE HANGER FOR SMALL PIPING, TYPICAL

7 NTS DETAIL – NOT USED

MULTIPLE INSULATED/NON-INSULATED METAL PIPES THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL
F RATING = 3 HR.
T RATING = 0 HR. & 1 HR.
L RATING AT AMBIENT = 10 CFM/SQ. FT.
L RATING AT 400F = 60CFM/SQ. FT.



1. CONCRETE FLOOR OR WALL ASSEMBLY (3-HR FIRE-RATING):
   A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MIN. 4-1/2" THICK).
   B. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MIN. 5" THICK).
   C. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. PENETRATING ITEMS TO BE ANY COMBINATION OF THE FOLLOWING (MAX. QTY. = 4):
   A. MAXIMUM 3" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
   B. MAXIMUM 3" NOMINAL DIAMETER COPPER PIPE.
   C. MAXIMUM 3" NOMINAL DIAMETER STEEL CONDUIT.
   D. MAXIMUM 3" NOMINAL DIAMETER EMT.
3. OPTIONAL: MAXIMUM 1" THICK GLASS FIBER PIPE INSULATION ON ANY OR ALL PIPES.
4. MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
5. MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.
6. THIS SETUP TYPICAL FOR ALL PIPES PENETRATING FIRE RATED FLOORS.

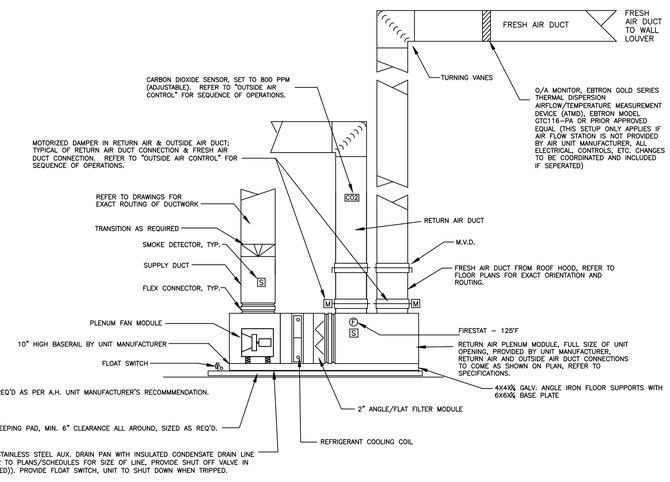
NOTES: 1. MAXIMUM AREA OF OPENING IS 192 SQUARE INCHES, WITH A MAXIMUM DIMENSION OF 24 INCHES.
2. ANNULAR SPACE BETWEEN PIPES = 1-1/2".
3. ANNULAR SPACE BETWEEN PIPES AND PERIPHERY OF OPENING = MINIMUM 1-5/8".
MAXIMUM 2-1/2".
4. MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL.

8 NTS DETAIL – PIPE PENETRATION THRU RATED FLOOR

OUTSIDE AIR CONTROL:
1. PROVIDE OUTSIDE AIR FLOW MONITOR IN FRESH AIR DUCT AT AIR HANDLING UNIT.
2. A MINIMUM OUTSIDE AIR FLOW CONTROL SHALL BE PROVIDED TO CONTROL MINIMUM OUTSIDE AIR FLOW RATE REGARDLESS OF AHU SUPPLY FAN AIR FLOW RATE. MINIMUM OUTSIDE AIR CONTROL WILL BE MAINTAINED BY CONTROLLING THE OUTSIDE AIR & RETURN AIR MOTORIZED DAMPER IN SEQUENCE TO MAINTAIN OUTSIDE AIR FLOW RATE.
3. A CARBON DIOXIDE (CO2) SENSOR MOUNTED IN THE RETURN AIR DUCT WILL TRANSMIT CARBON DIOXIDE LEVELS TO THE DDC PANEL. THE DDC CONTROLLER WILL MODULATE THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER IN SEQUENCE TO MAINTAIN A CO2 SET POINT LEVEL OF 800 PPM (ADJUSTABLE). OUTSIDE AIR FLOW RATE SHALL NOT EXCEED 100% OF THE SCHEDULED MAXIMUM RATE, NOR SHALL BE REDUCED BELOW MINIMUM SETPOINT OF SCHEDULED OA RATE (DURING OCCUPIED MODE). REFER TO AIR HANDLING UNIT SCHEDULE FOR OUTSIDE AIR MAXIMUM & MINIMUM FLOW RATES (CFM).
4. FREEZE PROTECTION: IF MIXED AIR TEMPERATURE DROPS BELOW 45°F (ADJUSTABLE), THE OUTSIDE AIR MOTORIZED DAMPERS SHALL CLOSE REDUCING FLOW RATE & THE RETURN AIR MOTORIZED DAMPERS WILL OPEN INCREASING FLOW RATE IN SEQUENCE TO MAINTAIN LOW LIMIT SETPOINT (ADJUSTABLE).

MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, S/A DUCT PLACEMENT, ETC.

*CONTRACTOR TO PROVIDE GLOBAL PLASMA SOLUTIONS SELF CLEANING NEEDLEPOINT BIPOLAR ION GENERATOR MODEL IMOD WITH GPS-IMOD-PS POWER SUPPLY. MOUNT BI-POLAR IONIZATION BAR WITHIN AHU UNITS ON THE AIR-ENTERING SIDE OF THE COOLING COIL DOWNSTREAM OF FILTER (BETWEEN FILTER & COOLING COIL). PROVIDE GPS-IMOD-PS WITHIN MECHANICAL ROOM, LOCATE ADJACENT TO 120V OUTLET (PLUG IN POWER SUPPLY TO 120V OUTLET). COORDINATE EXACT LOCATION OF GPS-IMOD-PS WITHIN MECH ROOM WITH ELECTRICAL CONTRACTOR. ROUTE 24V POWER FROM GPS-IMOD-PS TO BI-POLAR IONIZATION BAR WITHIN AHU UNIT. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE MAXIMUM CORD LENGTH FROM BAR TO IMOD TO ALLOW FOR INSTALLATION FLEXIBILITY. COORDINATE EXACT LOCATION OF IMOD & GPS-IMOD-PS IN FIELD WITH MECHANICAL ENGINEER PRIOR TO INSTALLATION. INTEGRATE INTO TEMPERATURE CONTROLS SYSTEM, REFER TO SPECIFICATION 230900. REFER TO SPECIFICATION 233500. PROVIDE SEPARATE 120-1-60 ELECTRICAL SERVICE FOR BIPOLAR ION GENERATOR.



GENERAL NOTES:
1. THIS SETUP IS TYPICAL OF AHU-1.
2. PROVIDE MOTORIZED DAMPERS IN RETURN AIR & OUTSIDE AIR. REFER TO CONTROLS SPECIFICATIONS ON EXACT OPERATION OF MOTORIZED DAMPERS.
3. SMOKE DAMPER IN SUPPLY & RETURN REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 15,000 CFM. SMOKE DETECTOR IN R/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. SMOKE DETECTOR IN S/A SIDE OF UNIT REQUIRED ONLY IF CFM OF AIR HANDLING UNIT EXCEEDS 2,000. REFER TO SCHEDULES FOR CFM OF AIR HANDLING UNIT.
4. MECHANICAL CONTRACTOR TO COORDINATE WITH ALL DISCIPLINES IN FIELD PRIOR TO INSTALLATION OF DUCT SLEEVES, HOUSEKEEPING PAD PLACEMENT, S/A DUCT PLACEMENT, ETC.
5. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON EXACT LOCATION OF ALL FLOOR/HUB DRAINS PRIOR TO PROJECT GROUND BREAKING AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR/HUB DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR/HUB DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT.
6. INTERCONNECT SMOKE DETECTORS WITH FIRE ALARM. UNIT TO DE-ENERGIZE WHEN SMOKE IS DETECTED.
7. PROVIDE SHEET METAL ENCLOSURE ALL AROUND FLOOR DRAIN WITHIN MECHANICAL ROOMS USED AS RETURN AIR PLENUM WITH TOP REMOVABLE ACCESS COVER.

9 NTS DETAIL – AIR HANDLING UNIT INSTALLATION

These drawings are the property of Gossen-Holloway-Cortez &PAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC

COPYRIGHT DATE:
08/29/25

REVISED:

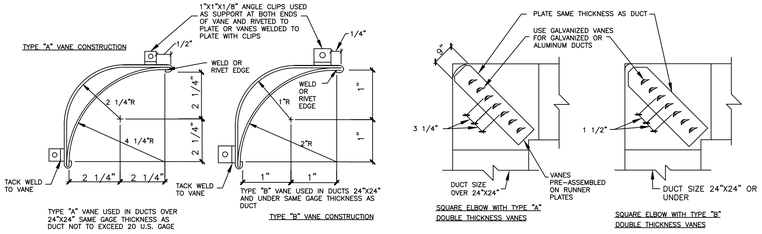
DRAWN BY:
JDC

CHECKED BY:
HCEIII

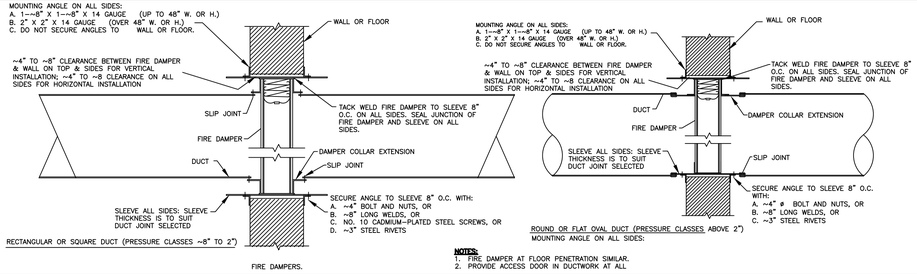
PROJECT NO.
2408

SHEET NO.
M-4.3

EYRE ENGINEERING
PRINTED 8.29.2025



1 NTS DETAIL – TURNING VANES, TYPICAL



NOTES:
1. FIRE DAMPER AT FLOOR PENETRATION SIMILAR.
2. PROVIDE ACCESS DOOR IN DUCTWORK AT ALL

2 NTS DETAIL – FIRE DAMPER INSTALLATION, RECTANGULAR & ROUND DUCT

NOTES:
1. DIMENSIONS OTHER THAN GAGE ARE IN INCHES.
2. TABLES ALLOW FOR DUCT WEIGHT,1 LB./SF INSULATION WEIGHT AND NORMAL REINFORCEMENT AND TRAPEZE WEIGHT, BUT NO EXTERNAL LOADS!
3. FOR CUSTOM DESIGN OF HANGERS, DESIGNERS MAY CONSULT SMACNA'S RECTANGULAR INDUSTRIAL DUCT STANDARDS, THE AISI COLD FORMED STEEL DESIGN MANUAL AND THE AISC STEEL CONSTRUCTION MANUAL.
4. STRAPS ARE GALVANIZED STEEL; OTHER MATERIALS ARE UNCOATED STEEL.
5. ALLOWABLE LOADS FOR P/2 ASSUME THAT DUCTS ARE 16 ga. MAXIMUM, EXCEPT THAT WHEN MAXIMUM DUCT DIMENSION (W) IS OVER 60" THEN P/2 MAXIMUM IS 1.25 W.
6. 12,10, OR 8 ga. WIRE IS STEEL OF BLACK ANNEALED, BRIGHT BASIC, OR GALVANIZED TYPE

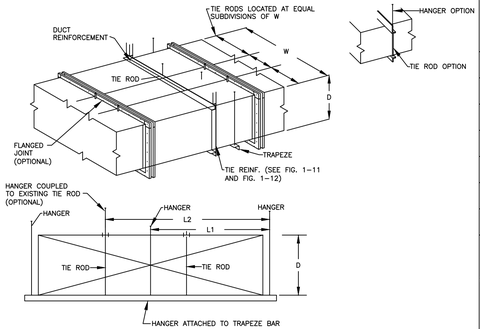


TABLE 4-1
RECTANGUAR DUCT HANGERS
MINIMUM SIZE

MAXIMUM HALF OF DUCT PERIMETER	PAIR AT 10 FT SPACING		PAIR AT 8 FT SPACING		PAIR AT 5 FT SPACING		PAIR AT 4 FT SPACING	
	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD	STRAP	WIRE/ ROD
P/2=30"	1" X 22 ga.	10 ga. (.135)	1" X 22 ga.	10 ga. (.135)	1" X 22 ga.	12 ga. (.135)	1" X 22 ga.	12 ga. (.135)
P/2=72"	1" X 18 ga.	3/8	1" X 20 ga.	1/4	1" X 22 ga.	1/4	1" X 22 ga.	1/4
P/2=96"	1" X 16 ga.	3/8	1" X 18 ga.	3/8	1" X 20 ga.	3/8	1" X 22 ga.	1/4
P/2=120"	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 18 ga.	3/8	1" X 20 ga.	1/4
P/2=168"	1 1/2" X 16 ga.	1/2	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 18 ga.	3/8
P/2=192"	NOT GIVEN	1/2	1 1/2" X 16 ga.	1/2	1" X 16 ga.	3/8	1" X 16 ga.	3/8
P/2=193" UP	SPECIAL ANALYSIS REQUIRED							

WHEN STRAPS ARE LAP JOINED USE THESE MINUMUM FASTENERS:	SINGLE HANGER MAXIMUM ALLOWABLE LOAD	
	STRAP	WIRE OR ROD (DIA.)
1" X 18,20,22 ga. -TWO #10 OR ONE 1/4" BOLT 1" X 16 ga. -TWO 1/4" DIA. 1 1/2" X 16 ga. -TWO 3/8" DIA. PLACE FASTENERS IN SERIES, NOT SIDE BY SIDE	1" X 22 ga.-260 LBS. 1" X 20 ga.-1320 LBS. 1" X 18 ga.-420 LBS. 1" X 16 ga.-700 LBS. 1 1/2" X 16 ga.-1100 LBS.	0.106"-80 LBS. 0.135"-120 LBS. 0.162"-160 LBS. 1/4"-270 LBS. 3/8"-680 LBS. 1/2"-1250 LBS. 5/8"-200 LBS. 3/4"-3000 LBS.

3 NTS DETAIL – LARGE DUCT SUPPORTS, TYPICAL

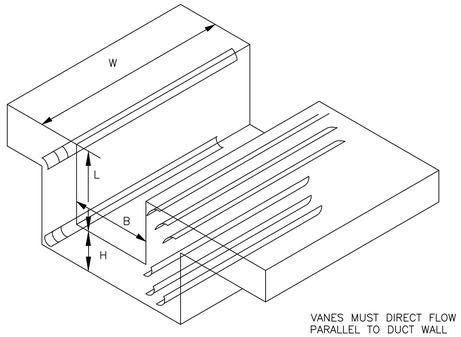


FIG. D

VANES MUST DIRECT FLOW PARALLEL TO DUCT WALL CAUTION: HIGH LOSS COEFFICIENTS

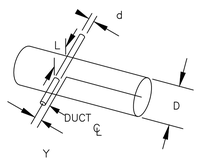


FIG. A

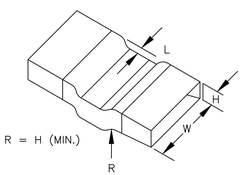
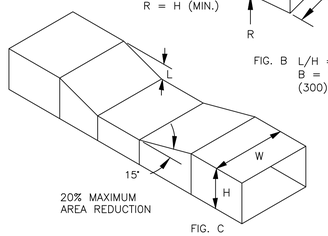
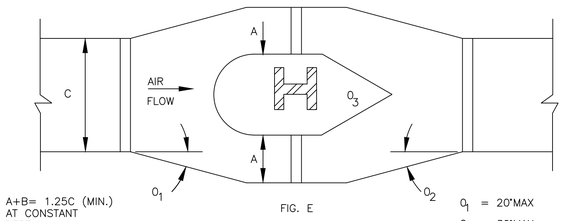


FIG. B L/H = 0.5 TO 2
B = 12" (300) MIN.



20% MAXIMUM AREA REDUCTION

FIG. C



A+B= 1.25C (MIN.) AT CONSTANT DEPTH

FIG. E

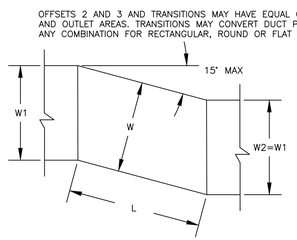
O_1 = 20"MAX
O_2 = 30"MAX
O_3 = 60"MAX

(USED WHEN OBSTRUCTION EXCEEDS 20% OF SECTION AREA AND OFFSETS AROUND ARE NOT POSSIBLE

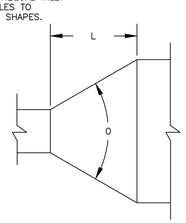
FIG. A IS APPLICABLE FOR UP TO 20% AREA OBSTRUCTION WITH ROUND SHAPED MEMBER AND 10%%% WITH FLAT PROFILE. Y IS THE DISTANCE FROM DUCT CENTER.

4 NTS DETAIL – DUCTWORK TRANSITIONS FOR OBSTRUCTIONS

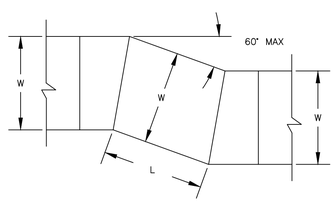
OFFSETS 2 AND 3 AND TRANSITIONS MAY HAVE EQUAL OR UNEQUAL INLET AND OUTLET AREAS. TRANSITIONS MAY CONVERT DUCT PROFILES TO ANY COMBINATION FOR RECTANGULAR, ROUND OR FLAT OVAL SHAPES.



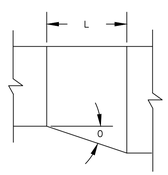
OFFSET TYPE 1 (ANGLED)



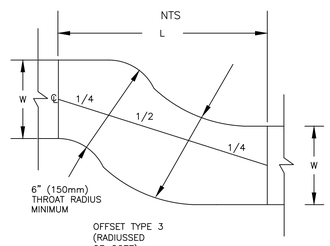
CONCENTRIC TRANSITION
0 MAX. 45 DIVERGING, 60° CONVERGING



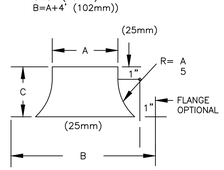
OFFSET TYPE 2
(MITERED)



ECCENTRIC TRANSITION
0 MAX. 30
(EXCEPT 45° IS PERMITTED AT ROUND TO FLAT OVAL



OFFSET TYPE 3
(RADIUSSED OR OGEE)



5 NTS DETAIL – DUCTWORK OFFSETS & TRANSITIONS

These drawings are the property of Gossen+Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

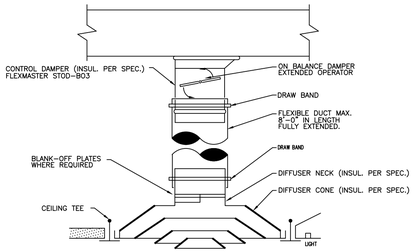
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33133, EYRE ENGINEERING, LLC.

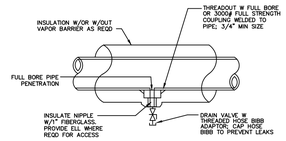
COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-4.4

EYRE ENGINEERING
PRINTED 8.29.2025



1 NTS DETAIL – NOT USED

2 NTS DETAIL – SUPPLY AIR DROP, TYPICAL



3 NTS DETAIL – DRAIN VALVE INSTALLATION

DUCT CONSTRUCTION MINIMUM SHEET METAL THICKNESSES

RECTANGULAR DUCTS

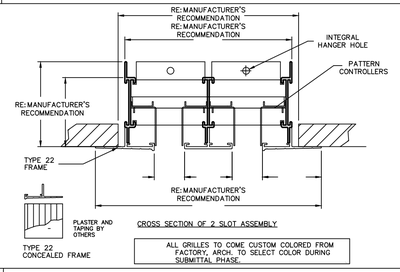
MAXIMUM SIZE (INCHES)	STEEL (MINIMUM THICKNESS, NOMINAL)	ALUMINUM (MINIMUM THICKNESS, NOMINAL)
THROUGH 12	0.022 INCH (26 GAGE, GALV.)	0.020 INCH (NO. 24 B&S GAGE)
13 THROUGH 30	0.028 INCH (24 GAGE, GALV.)	0.025 INCH (NO. 22 B&S GAGE)
31 THROUGH 54	0.034 INCH (22 GAGE, GALV.)	0.032 INCH (NO. 20 B&S GAGE)
55 THROUGH 84	0.040 INCH (20 GAGE, GALV.)	0.040 INCH (NO. 18 B&S GAGE)
OVER 84	0.052 INCH (18 GAGE, GALV.)	0.051 INCH (NO. 16 B&S GAGE)

ROUND DUCTS

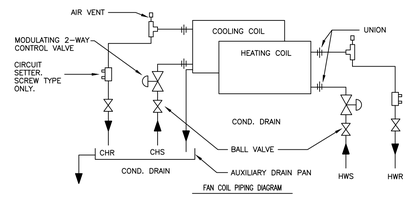
MAXIMUM SIZE (INCHES)	SPIRAL SEAM DUCT STEEL (MINIMUM THICKNESS, NOMINAL)	LONGITUDINAL SEAM DUCT STEEL (MINIMUM THICKNESS, NOMINAL)	FITTINGS STEEL (MINIMUM THICKNESS, NOMINAL)
THROUGH 12	0.019 INCH (28 GAGE, GALV.)	0.022 INCH (26 GAGE, GALV.)	0.022 INCH (26 GAGE, GALV.)
13 THROUGH 18	0.022 INCH (26 GAGE, GALV.)	0.028 INCH (24 GAGE, GALV.)	0.028 INCH (24 GAGE, GALV.)
19 THROUGH 28	0.028 INCH (24 GAGE, GALV.)	0.034 INCH (22 GAGE, GALV.)	0.034 INCH (22 GAGE, GALV.)
29 THROUGH 36	0.034 INCH (22 GAGE, GALV.)	0.040 INCH (20 GAGE, GALV.)	0.040 INCH (20 GAGE, GALV.)
37 THROUGH 52	0.040 INCH (20 GAGE, GALV.)	0.052 INCH (18 GAGE, GALV.)	0.052 INCH (18 GAGE, GALV.)

4 NTS DETAIL – DUCT METAL GAUGES, TYP.

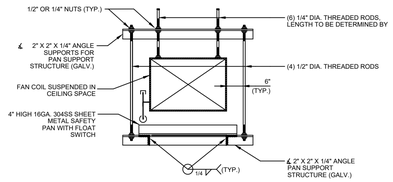
5 NTS DETAIL – NOT USED



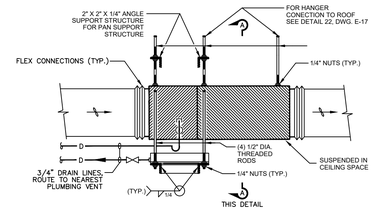
6 NTS DETAIL – LINEAR 2–SLOT DIFFUSER, TYP.



FAN COIL PIPING DIAGRAM

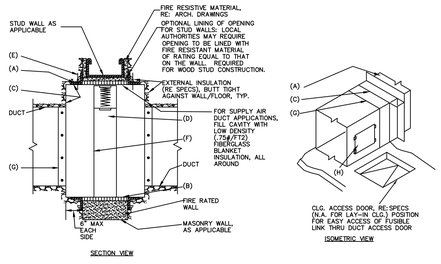


SECTION A–A



ELEVATION

7 NTS DETAIL – HORIZONTAL CONCEALED FAN COIL UNIT, TYPICAL

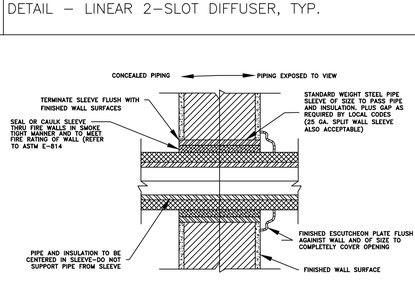


SECTION VIEW

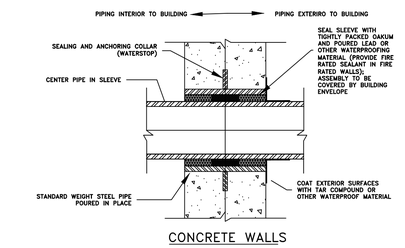
ISOMETRIC VIEW

NOTES:
1. FIRE DAMPER SHALL BE INSTALLED TO MEET REQUIREMENTS OF THIS DETAIL, NFPA 90A & SMACNA "FIRE, SMOKE & RADIATION DAMPER INSTALLATION DETAILS" EXCEPT THAT WHERE MANUFACTURER'S INSTALLATION REQUIREMENTS, AS TESTED & APPROVED BY U.L., ARE MORE STRINGENT THAN ABOVE, MANUFACTURER'S REQUIREMENTS SHALL GOVERN.
2. VERTICAL POSITION IS SHOWN ABOVE, HORIZONTAL INSTALLATION IS SIMILAR. FOR APPLICATION WITH FLUSH MOUNTED GRILLE AT WALL, INSTALL SLEEVE FLUSH WITH FINISHED WALL & ATTACH RETAINING ANGLE TO INTERIOR OF DUCT SLEEVE, AS PER SMACNA.
3. KEYNOTES:
   (A) RETAINING ANGLES: MINIMUM 1–1/2", 16 GA. RETAINING ANGLES MUST LAP STRUCTURAL OPENING 1" MINIMUM & COVER CORNERS OF OPENINGS.
   (B) CLEARANCE: 1/8" PER FOOT BOTH DIMENSIONS. SLEEVE MAY REST ON BOTTOM OF OPENING. MECHANICAL CONTRACTOR IS TO COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE THE REQUIRED WALL OPENING SIZE FOR EACH DAMPER.
   (C) INTEGRAL FACTORY SLEEVE: 16 GA. (MINIMUM), RE: SPECS.
   (D) FIRE DAMPER: RE: SPECS
   (E) SECURE RETAINING ANGLE TO SLEEVE ONLY WITH NO. 10 SCREWS ON 8" CENTER.
   (F) SECURE DAMPER TO SLEEVE ON 8" CENTERS WITH 3/16" STEEL RIVETS OR NO. 10 STEEL SCREWS, OR 1/2" LONG WELDS.
   (G) DUCT CONNECTION: APPROVED RIGID TYPE.
   (H) DUCT ACCESS DOOR: POSITION TO SERVICE FUSIBLE LINK, SEE SPECS.

8 NTS DETAIL – FIRE DAMPER, TYPICAL



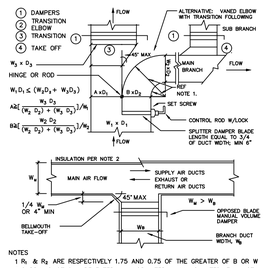
FRAMED WALLS



CONCRETE WALLS

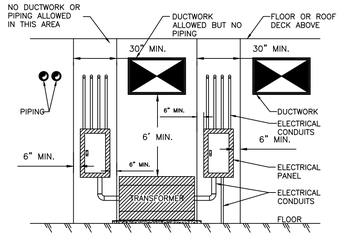
*SEAL ALL AROUND ALL SMOKE PARTITION PENETRATIONS AIR TIGHT

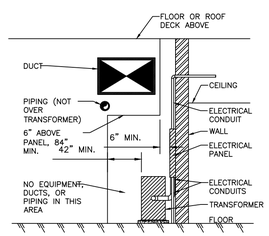
10 NTS DETAIL – PIPE PENETRATION THRU WALLS, TYPICAL



NOTES
1 R_1 & R_2 ARE RESPECTIVELY 1.75 AND 0.75 OF THE GREATER OF B OR W
2 SUPPLY DUCT CAN BE EXTERNALLY OR INTERNALLY INSULATED. EXHAUST AND RETURN AIR DUCTS EXTERNALLY INSULATED ONLY
3 INSTALLATION TO COMPLY WITH ALL SMACNA STANDARDS

11 NTS DETAIL – DUCT MAIN BRANCH TAKEOFFS, TYP.





1. NO DUCTWORK OR PIPING TO BE ROUTED OVER DEDICATED ELECTRICAL ROOM.
2. NO PIPING TO BE ROUTED OVER DEDICATED MDF OR IDF ROOMS.

9 NTS DETAIL – ELECTRICAL ROOM COORDINATION WITH FOREIGN SYSTEMS PER NEC

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

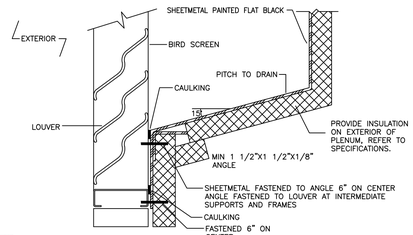
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY G. EYRE III, LA#23333, EYRE ENGINEERING, LLC.

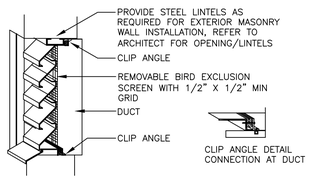
COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-4.5

EYRE ENGINEERING
PRINTED 8.29.2025



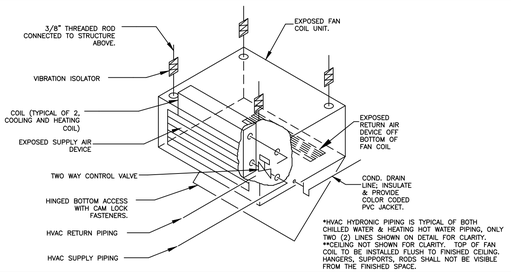
NOTES:
1. SUPPORT PLENIUM FROM FLOOR OR STRUCTURE ABOVE W/ GALVANIZED STEEL ANGLES AND CHANNELS.

1 NTS DETAIL – PLENUM AT LOUVER CONNECTION



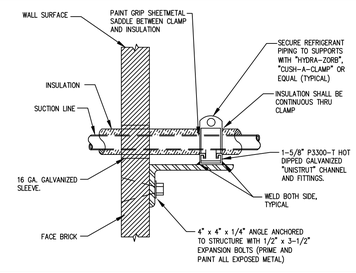
NOTES:
1. OVERALL SIZE OF OPENING SHOULD BE 1/4" GREATER IN BOTH DIRECTIONS THAN EXTERNAL DIMENSIONS OF LOUVER. VERIFY WITH MANUFACTURER OF ACTUAL LOUVER SUPPLIED TO PROJECT.
2. USE MULLION CONNECTED SECTIONS FOR WIDTHS GREATER THAN 5'-0".
3. CAULK AND SEAL AROUND PERIMETER OF LOUVER SECTION AT WALL.
4. PROVIDE ALUMINUM EXPANDED BIRD EXCLUSION SCREEN ON INSIDE OF LOUVER. (MIN FREE AREA 80% OF GROSS AREA) ATTACH TO OUTSIDE IF BLADE SEPARATION IS > 2 1/2".
5. CONSTRUCT EXTRUDED LOUVER OF NON-FERROUS CORROSION RESISTANT MATERIAL AND SECURE WITH STAINLESS STEEL FASTENERS
6. PROVIDE BACKER ROD & 100% CLEAR MARINE GRADE SILICONE TO SEAL LOUVER.

2 NTS DETAIL – EXTERIOR LOUVER, TYPICAL

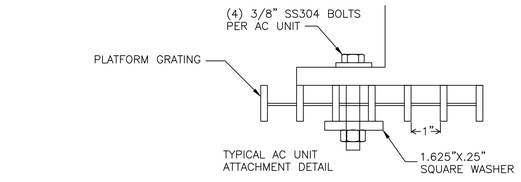


*HVAC HYDRONIC PIPING IS TYPICAL OF BOTH CHILLED WATER & HEATING HOT WATER PIPING, ONLY TWO (2) LINES SHOWN ON DETAIL FOR CLARITY.
**CEILING NOT SHOWN FOR CLARITY. TOP OF FAN COIL TO BE INSTALLED FLUSH TO FINISHED CEILING. HANGERS, SUPPORTS, RODS SHALL NOT BE VISIBLE FROM THE FINISHED SPACE.

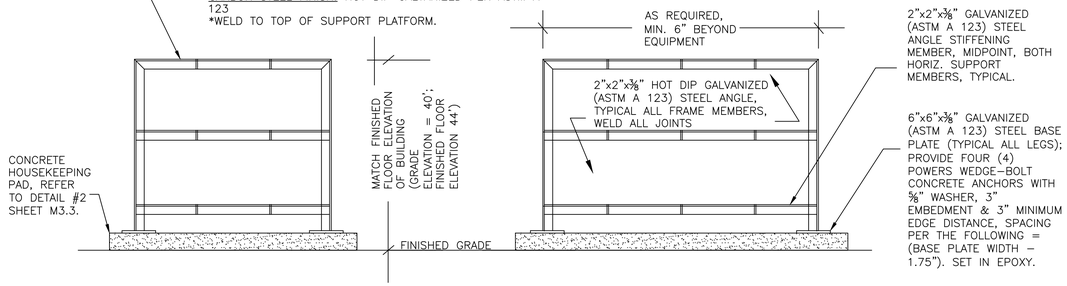
3 NTS DETAIL – EXPOSED NON-DUCTED HORIZONTAL FAN COIL UNIT, TYPICAL



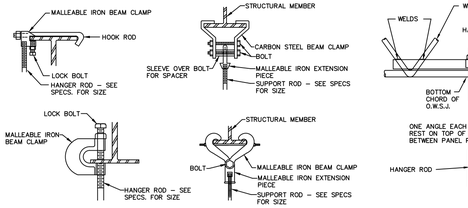
4 NTS DETAIL – REFRIGERANT PIPE SUPPORT AT WALL



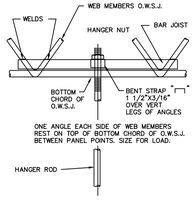
SURFACE:
TYPE: BAR GRATING TYPE WB-4, CARBON STEEL
BAR GRATING HEIGHT: 1"
SURFACE CONDITION: SERRATED
CARBON STEEL FINISH: HOT DIP GALVANIZED PER ASTM A 123
*WELD TO TOP OF SUPPORT PLATFORM.



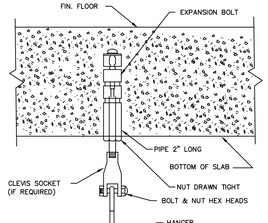
5 NTS DETAIL – MECHANICAL EQUIPMENT PLATFORM



BEAM CLAMPS FOR PIPE OR EQUIPMENT SUPPORT

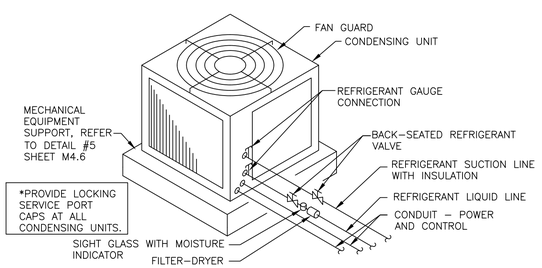


STEEL BAR JOIST PIPE SUPPORT



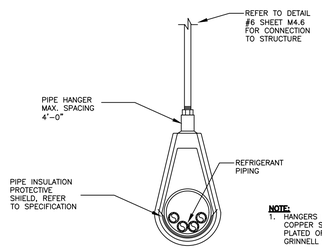
CONCRETE ANCHOR

6 NTS DETAIL – ANCHOR/SUPPORT CONNECTORS, TYPICAL



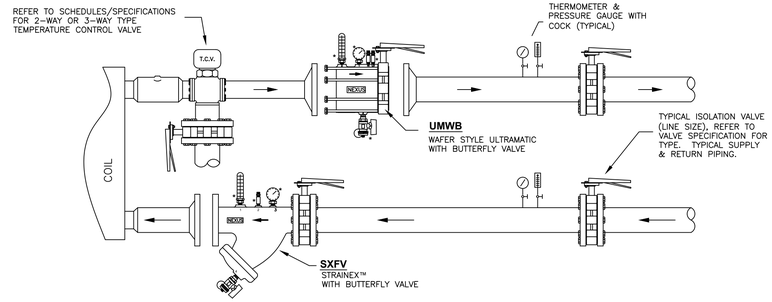
NOTES:
1. ALL CONDENSING UNITS TO COME WITH SUCTION ACCUMULATORS.
2. ALL CONDENSING UNITS TO BE ON PREFABRICATED ABS POLYMER PAD.
3. REFRIGERANT CIRCUIT ACCESS PORTS SHALL BE FITTED WITH LOCKING-TYPE TAMPER-RESISTANT CAPS OR SHALL BE OTHERWISE SECURED TO PREVENT UNAUTHORIZED ACCESS.

7 NTS DETAIL – TYPICAL CONDENSING UNIT



NOTE:
1. HANGERS IN CONTACT WITH COPPER SHALL BE COPPER PLATED OR TEFLON COATED. GRINNELL 97 OR 97C

8 NTS DETAIL – REFRIGERANT PIPE SUPPORTS, TYPICAL



GENERAL NOTES:
1. ALL FAN COILS TO HAVE 2-WAY CONTROL VALVES, ALL AIR HANDLING UNITS TO HAVE 3-WAY CONTROL VALVES, UNLESS OTHERWISE NOTED ON DRAWINGS.
2. PROVIDE SHUTOFF VALVE IN BYPASS PIPING FOR ALL 3-WAY CONTROL VALVES, VALVE NOT SHOWN ON SCHEMATIC FOR CLARITY.
3. FLEXIBLE CONNECTORS AT COIL NOT SHOWN FOR CLARITY. PROVIDE FLEX CONNECTORS AT ALL HVAC COILS. FLEX CONNECTOR, TYPICAL. FLEX CONNECTOR TO BE TWIN CITY HOSE "MS2" SERIES OR PRIOR APPROVED EQUAL.

9 NTS DETAIL – AUTOMATIC FLOW CONTROL VALVE INSTALLATION @ HVAC WATER COILS

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

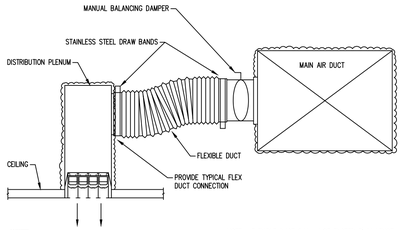
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

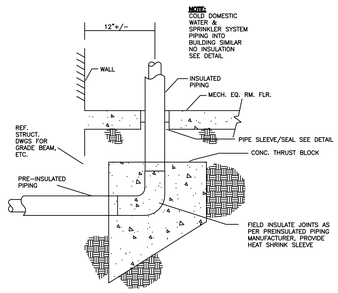
PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-4.6

EYRE ENGINEERING
PRINTED 8.29.2025

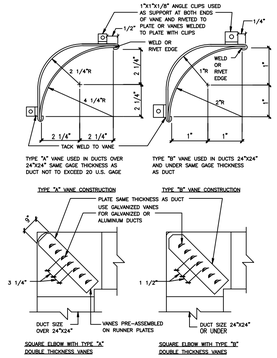


1 NTS DETAIL – LINEAR DIFFUSER INSTALLATION, TYPICAL

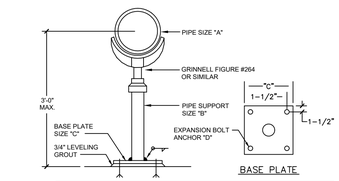


2 NTS DETAIL – PIPING INTO BUILDING

3 NTS DETAIL – NOT USED



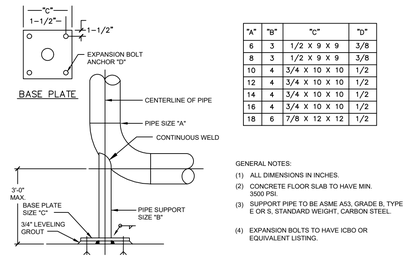
4 NTS DETAIL – RECTANGUALR DUCT ELBOWS, TYPICAL



"A"	"B"	"C"	"D"	MAX. WEIGHT (LB.)
3	2-1/2	1/2 X 9 X 9	3/8	170
4	3	1/2 X 9 X 9	3/8	330
6	3	1/2 X 9 X 9	3/8	780
8	3	1/2 X 9 X 9	3/8	1240
10	4	3/4 X 10 X 10	1/2	2200
12	4	3/4 X 10 X 10	1/2	2280
14	4	3/4 X 10 X 10	1/2	2640
16	4	3/4 X 10 X 10	1/2	3260
18	6	7/8 X 12 X 12	1/2	4940
20	6	7/8 X 12 X 12	1/2	5890
24	6	7/8 X 12 X 12	1/2	8010

GENERAL NOTES:
(1) ALL DIMENSIONS IN INCHES.
(2) CONCRETE FLOOR SLAB TO HAVE MIN. 3500 PSI.
(3) SUPPORT PIPE TO BE ASME A53, GRADE B, TYPE E OR S, STANDARD WEIGHT, BLACK STEEL.
(4) EXPANSION BOLTS TO HAVE ICBO OR EQUIVALENT LISTING.

PIPE SUPPORT DETAIL - TYPE A

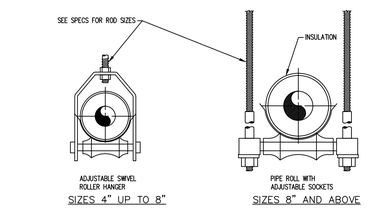


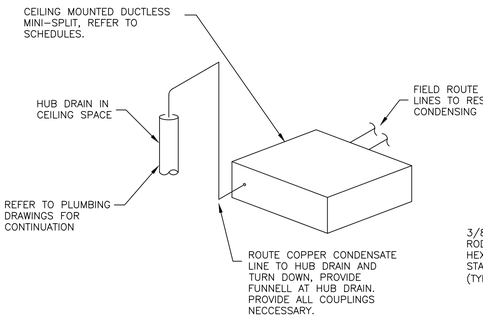
"A"	"B"	"C"	"D"
6	3	1/2 X 9 X 9	3/8
8	3	1/2 X 9 X 9	3/8
10	4	3/4 X 10 X 10	1/2
12	4	3/4 X 10 X 10	1/2
14	4	3/4 X 10 X 10	1/2
16	4	3/4 X 10 X 10	1/2
18	6	7/8 X 12 X 12	1/2

GENERAL NOTES:
(1) ALL DIMENSIONS IN INCHES.
(2) CONCRETE FLOOR SLAB TO HAVE MIN. 3500 PSI.
(3) SUPPORT PIPE TO BE ASME A53, GRADE B, TYPE E OR S, STANDARD WEIGHT, CARBON STEEL.
(4) EXPANSION BOLTS TO HAVE ICBO OR EQUIVALENT LISTING.

PIPE SUPPORT DETAIL - TYPE B

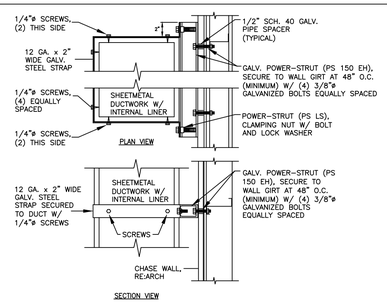
7 NTS DETAIL – PIPE SUPPORTS, TYP.





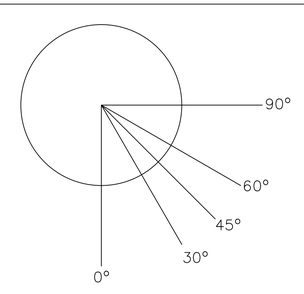
5 NTS DETAIL – CEILING CASSETTE FC INSTALLATION

6 NTS DETAIL – NOT USED



8 NTS DETAIL – VERTICAL DUCT SUPPORTS AT CHASE

9 NTS DETAIL – NOT USED



10 NTS DETAIL – AIR DEVICE LOCATION ON EXPOSED DUCT

11 NTS DETAIL – INSULATED PIPE HANGERS, TYP.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMIT, OR RECORDING, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE:
08/29/25

REVISED:

DRAWN BY:
JDC

CHECKED BY:
HCEIII

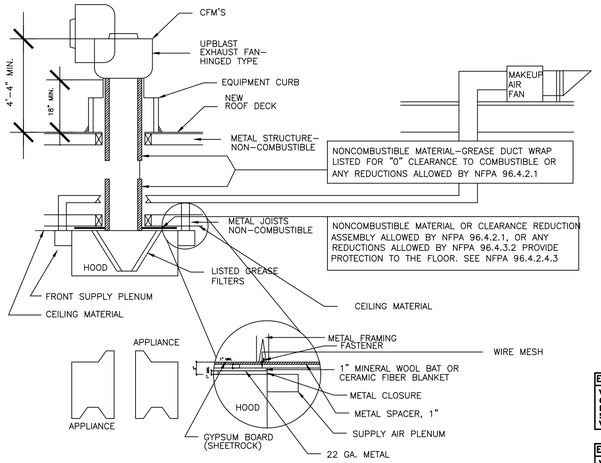
PROJECT NO.
2408

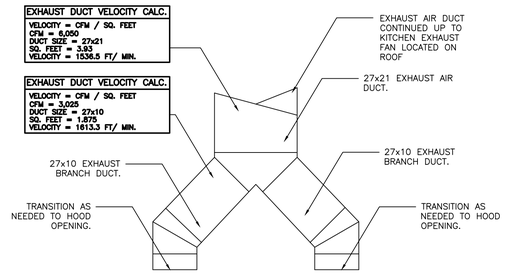
SHEET NO.
M-4.7

EYRE ENGINEERING
PRINTED 8.29.2025

1 NTS DETAIL – NOT USED

2 NTS DETAIL – NOT USED





***EXHAUST DUCT SHALL BE CONSTRUCTED OF 16 GAUGE, TYPE 316 STAINLESS STEEL WITH NO. 4 FINISH ON EXPOSED SURFACES AND WELDED JOINTS. ALL SEAM AND JOINTS SHALL BE OF WELDED CONSTRUCTION. PROVIDE A 2" WIDE STAINLESS STEEL CEILING COLLAR AROUND THE DUCT AT PENETRATION THROUGH THE CEILING. CONTRACTOR SHALL WRAP EXHAUST DUCT WITH 3.0" THK. "FYREWRAP" FIBERGLASS INSULATION, FOIL FACED, INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

3 NTS DETAIL – NOT USED

4 NTS DETAIL – TYPICAL HOOD & DUCT INSTALLATION W/ CLEARANCE REDUCTION MATERIALS

5 NTS DETAIL – NOT USED

6 NTS DETAIL – NOT USED

7 NTS DETAIL – NOT USED

8 NTS DETAIL – NOT USED

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-4.8

EYRE ENGINEERING
PRINTED 8.29.2025

EQUIPMENT SCHEDULE

Tempered Make-Up Air Unit — **Mark: KSF-1**

Qty	Accurex Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR
1	XDG-112-H20-10	3,720 CFM	0.75 in. wg	1.78 in. wg	25	30	1,663 lb	5kA

Motor Information

Size	V/C/P	Enclosure	Motor with Shaft Gounding	Motor RPM	Operating Power
3 hp	460/60/3	ODP	No	1725	2.36 hp

Heating

Type	Gas Type	Temperature			Energy			Connection Gas (IN)	Building Gas Pressure	Control Access	Gas Pressure	
		Winter DB	Max Δ	Max LAT	Input	Output	Efficiency				Min	Max
Direct Gas	Natural	35.0 F	55.0 F	90.0 F	240.2 MBH	221.0 MBH	92%	3/4"	1/2 PSI	Right Hand	8 in. wg	0.5 PSI

Cooling

Cooling Type	Coil Model	Rows Deep	Fins Per Inch	Face Velocity	Total Energy	Sensible Energy	Leaving Dry Bulb	Leaving Wet Bulb
Packaged DX	DX38S02Q10-32x52	2	10	322 ft/min	144.8 MBH	69.6 MBH	76.1 F	72.3 F

Coil SP	Refrigerant	Suction Temp	Liquid Temp	Super Heat	Code 18/19	Suction Conn Qty / Size	Liquid Conn Qty / Size
NA	R-410a	47.4 F	110 F	8 F	0	NA	NA

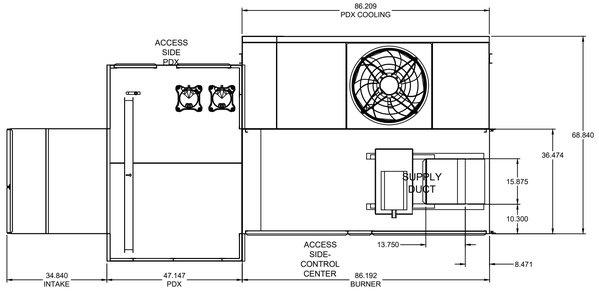
Outlet Sound Power By Octave Band

62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
83.6	85.5	78.2	78.3	76.8	73.7	71.7	64.5	*82*	*71*	*19.7*

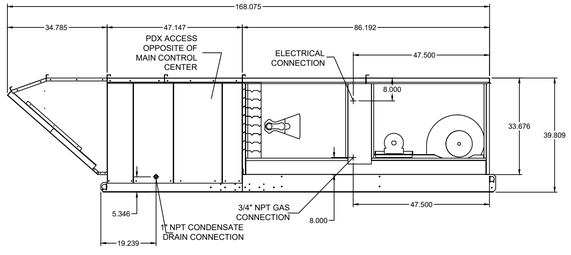
*Lw4 - A weighted sound power level based on ANSI S1.4
*dBA - A weighted sound pressure level base on 11.7 dB attenuation per octave band at 5.0 ft.
*Noise Criteria (NC) based on an average attenuation of 11.5 dB per octave band at 5.0 ft.

OPTIONS AND ACCESSORIES

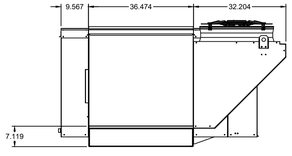
Extended Compressor Warranty: 5 years
Air Flow Arrangement: Outdoor Air Only
Weatherhood: Aluminum Mesh, 16x20x2 - (2), 20x20x2 - (2)
Damper: Inlet
Outdoor Air Intake Position: End
Discharge Position: Bottom
Coating: Galvanized
Cooling Coil Coating - None
Insulation: Double Wall - Tempering On
Supply Fan Control: VFD
VFD Control: Constant Volume
1 Set(s) of Spare Belts (ships loose)
Access Side: Right-Hand
Control Center
Heat Inlet Air Sensor
Cool Inlet Air Sensor
External Cooling Lockout Relay
Unit Controls: Terminal Strip
Temperature Control: Discharge
Direct Gas Options/Accessories
Approvals: ETL



PLAN VIEW



ELEVATION VIEW



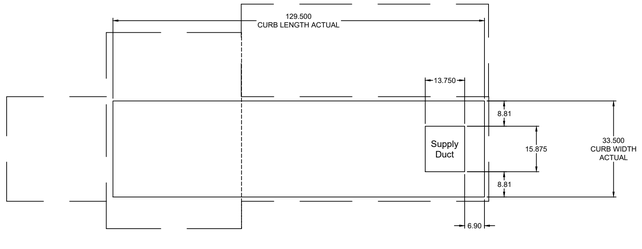
END VIEW

NOTE: Roof Opening Requirements:

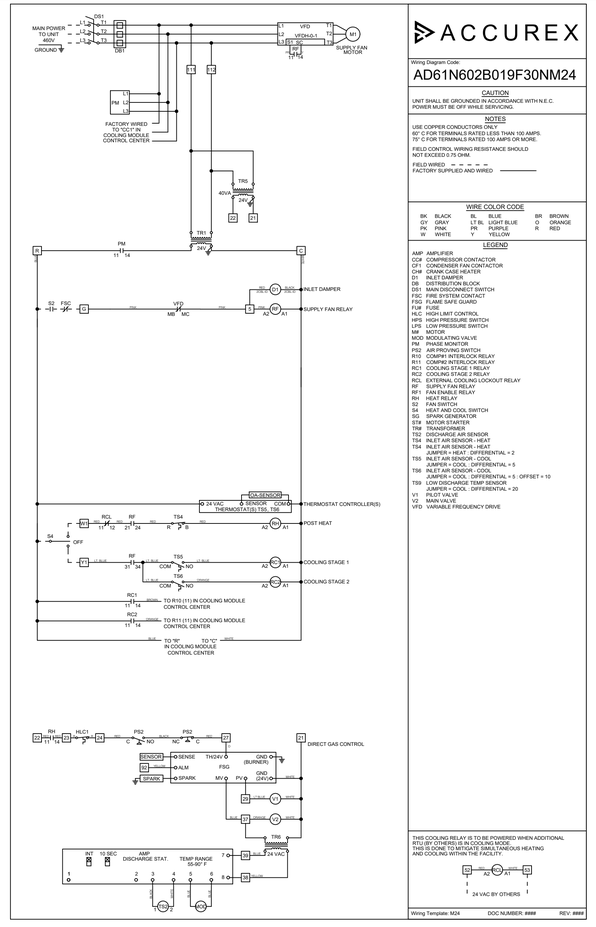
Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.
For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb.
For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb.
This is by design, in order to help alleviate water infiltration issues. MUA Unit supports are shipped loose with unit.



FOOTPRINT



ACCUREX

Wiring Diagram Code:

AD61N602B019F30NM24

CAUTION

UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C.
POWER MUST BE OFF WHILE SERVICING.

NOTES

USE COPPER CONDUCTORS ONLY
60° C FOR TERMINALS RATED LESS THAN 100 AMPS.
75° C FOR TERMINALS RATED 100 AMPS OR MORE.

FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM.

FIELD WIRED
FACTORY SUPPLIED AND WIRED

WIRE COLOR CODE

BK	BLACK	BL	BLUE	BR	BROWN
GY	GRAY	LT BL	LIGHT BLUE	O	ORANGE
PK	PINK	PR	PURPLE	R	RED
W	WHITE	Y	YELLOW		

LEGEND

AMP AMPLIFIER
CC# COMPRESSOR CONTACTOR
CF1 CONDENSER FAN CONTACTOR
CH# CRANK CASE HEATER
D1 INLET DAMPER
DB1 MAIN TERMINAL BLOCK
DS1 MAIN DISCONNECT SWITCH
FSC FIRE SYSTEM CONTACT
FSG FLAME SAFE GUARD
FU# FUSE
HLC HIGH LIMIT CONTROL
HPS HIGH PRESSURE SWITCH
LPS LOW PRESSURE SWITCH
M# MOTOR
MOD MODULATING VALVE
PM PHASE MONITOR
PS2 AIR PROVING SWITCH
R10 COMP#1 INTERLOCK RELAY
R11 COMP#2 INTERLOCK RELAY
RC1 COOLING STAGE 1 RELAY
RC2 COOLING STAGE 2 RELAY
RCL EXTERNAL COOLING LOCKOUT RELAY
RF SUPPLY FAN RELAY
RF1 FAN ENABLE RELAY
RH HEAT RELAY
S2 FAN SWITCH
SG SPARK GENERATOR
SW MAIN DISCONNECT SWITCH
ST# MOTOR STARTER
TR# TRANSFORMER
TS2 DISCHARGE AIR SENSOR
TS4 INLET AIR SENSOR - HEAT
TS4 INLET AIR SENSOR - HEAT
JUMPER = HEAT - DIFFERENTIAL = 2
TS5 INLET AIR SENSOR - COOL
JUMPER = COOL - DIFFERENTIAL = 5
TS6 INLET AIR SENSOR - COOL
JUMPER = COOL - DIFFERENTIAL = 5 - OFFSET = 10
TS9 LOW DISCHARGE TEMP SENSOR
JUMPER = COOL - DIFFERENTIAL = 20
V1 PILOT VALVE
V2 MAIN VALVE
VFD VARIABLE FREQUENCY DRIVE

THIS COOLING RELAY IS TO BE POWERED WHEN ADDITIONAL RTU (BY OTHERS) IS IN COOLING MODE.
THIS IS DONE TO MITIGATE SIMULTANEOUS HEATING AND COOLING WITHIN THE FACILITY.

Wiring Template: M24 DOC NUMBER: #### REV: ####

MARK | KSF-1

ACCUREX

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-5.1

EYRE ENGINEERING
PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

EQUIPMENT SCHEDULE

Tempered Make-Up Air Unit — **Mark: KSF-2**

Qty	Accurex Model	Volume	External SP	Total SP	MCA	MOP	Weight	SCCR
1	XDG-112-H20-10	3,720 CFM	0.75 in. wg	1.78 in. wg	25	30	1,663 lb	5kA

Motor Information

Size	V/C/P	Enclosure	Motor with Shaft Gounding	Motor RPM	Operating Power
3 hp	460/60/3	ODP	No	1725	2.36 hp

Heating

Type	Gas Type	Temperature			Energy			Connection Gas (IN)	Building Gas Pressure	Control Access	Gas Pressure	
		Winter DB	Max Δ	Max LAT	Input	Output	Efficiency				Min	Max
Direct Gas	Natural	35.0 F	55.0 F	90.0 F	240.2 MBH	221.0 MBH	92%	3/4"	1/2 PSI	Right Hand	8 in. wg	0.5 PSI

Cooling

Cooling Type	Coil Model	Rows Deep	Fins Per Inch	Face Velocity	Total Energy	Sensible Energy	Leaving Dry Bulb	Leaving Wet Bulb
Packaged DX	DX38S02Q10-32x52	2	10	322 ft/min	144.8 MBH	69.6 MBH	76.1 F	72.3 F

Coil SP	Refrigerant	Suction Temp	Liquid Temp	Super Heat	Code 18/19	Suction Conn Qty / Size	Liquid Conn Qty / Size
NA	R-410a	47.4 F	110 F	8 F	0	NA	NA

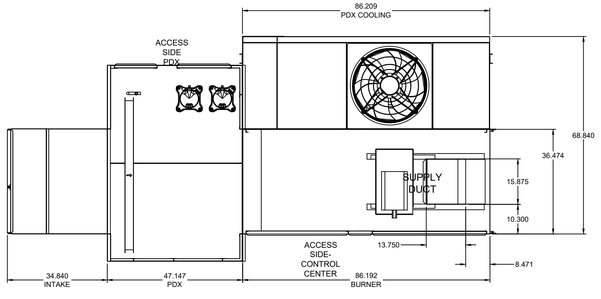
Outlet Sound Power By Octave Band

62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
83.6	85.5	78.2	78.3	76.8	73.7	71.7	64.5	*82*	*71*	*19.7*

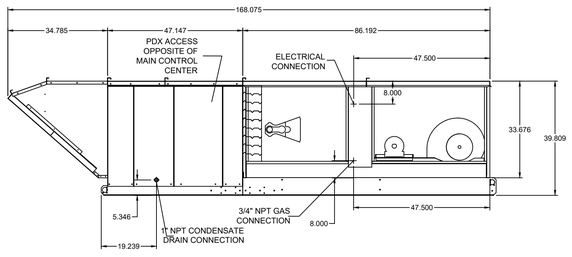
*LwA - A weighted sound power level based on ANSI S1.4
dBA - A weighted sound pressure level take at 1.7 dB attenuation per octave band at 0.2 ft.
Sones Criteria (NC) based on an average attenuation of 11.5 dB per octave band at 5.0 ft.

OPTIONS AND ACCESSORIES

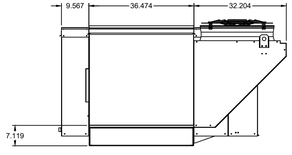
Extended Compressor Warranty: 5 years
Air Flow Arrangement: Outdoor Air Only
Weatherhood: Aluminum Mesh, 16x20x2 - (2), 20x20x2 - (2)
Damper: Inlet
Outdoor Air Intake Position: End
Discharge Position: Bottom
Coating: Galvanized
Cooling Coil Coating - None
Insulation: Double Wall - Tempering On
Supply Fan Control: VFD
VFD Control: Constant Volume
1 Set(s) of Spare Belts (ships loose)
Access Side: Right-Hand
Control Center
Heat Inlet Air Sensor
Cool Inlet Air Sensor
External Cooling Lockout Relay
Unit Controls: Terminal Strip
Temperature Control: Discharge
Direct Gas Options/Accessories
Approvals: ETL



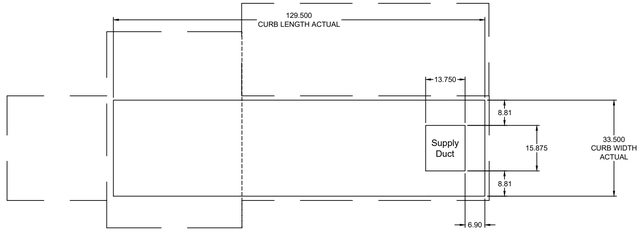
PLAN VIEW



ELEVATION VIEW



END VIEW



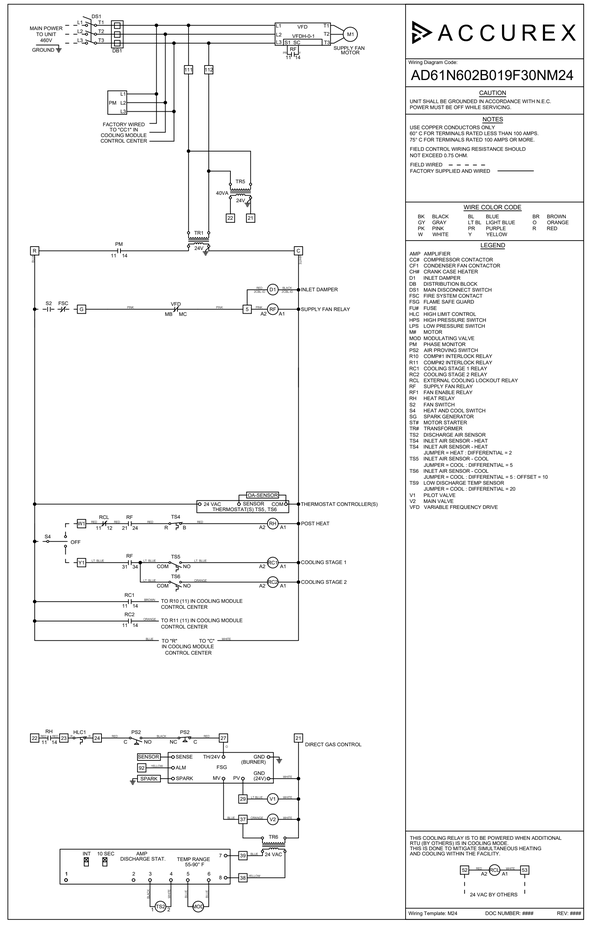
FOOTPRINT

NOTE: Roof Opening Requirements:

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.
For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb.
For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb.
This is by design, in order to help alleviate water infiltration issues. MUA Unit supports are shipped loose with unit.



ACCUREX

Wiring Diagram Code:

AD61N602B019F30NM24

CAUTION

UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C.
POWER MUST BE OFF WHILE SERVICING.

NOTES

USE COPPER CONDUCTORS ONLY
60° C FOR TERMINALS RATED LESS THAN 100 AMPS.
75° C FOR TERMINALS RATED 100 AMPS OR MORE.

FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM.

FIELD WIRED
FACTORY SUPPLIED AND WIRED

WIRE COLOR CODE

BK	BLACK	BL	BLUE	BR	BROWN
GY	GRAY	LT BL	LIGHT BLUE	O	ORANGE
PK	PINK	PR	PURPLE	R	RED
W	WHITE	Y	YELLOW		

LEGEND

AMP AMPLIFIER
C# COMPRESSOR CONTACTOR
CF1 CONDENSER FAN CONTACTOR
CH# CRANK CASE HEATER
D1 INLET DAMPER
DB1 DISTRIBUTION BLOCK
DS1 MAIN DISCONNECT SWITCH
FSC FIRE SYSTEM CONTACT
FSG FLAME SAFE GUARD
FU# FUSE
HLC HIGH LIMIT CONTROL
HPS HIGH PRESSURE SWITCH
LPS LOW PRESSURE SWITCH
M# MOTOR
MOD MODULATING VALVE
PM PHASE MONITOR
PS2 AIR PROVING SWITCH
R10 COMP#1 INTERLOCK RELAY
R11 COMP#2 INTERLOCK RELAY
RC1 COOLING STAGE 1 RELAY
RC2 COOLING STAGE 2 RELAY
RCL EXTERNAL COOLING LOCKOUT RELAY
RF SUPPLY FAN RELAY
RF1 FAN ENABLE RELAY
RH HEAT RELAY
S2 FAN SWITCH
S4 MANUAL RESET SWITCH
SG SPARK GENERATOR
ST# MOTOR STARTER
TR# TRANSFORMER
TS2 DISCHARGE AIR SENSOR
TS4 INLET AIR SENSOR - HEAT
TS4 INLET AIR SENSOR - HEAT
JUMPER = HEAT , DIFFERENTIAL = 2
TS5 INLET AIR SENSOR - COOL
JUMPER = COOL , DIFFERENTIAL = 5
TS6 INLET AIR SENSOR - COOL
JUMPER = COOL , DIFFERENTIAL = 5 , OFFSET = 10
TS9 LOW DISCHARGE TEMP SENSOR
JUMPER = COOL , DIFFERENTIAL = 20
V1 PILOT VALVE
V2 MAIN VALVE
VFD VARIABLE FREQUENCY DRIVE

Wiring Template: M24 | DOC NUMBER: #### | REV: ####

MARK	KSF-2

ACCUREX

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-5.2

EYRE ENGINEERING
PRINTED 8.29.2025

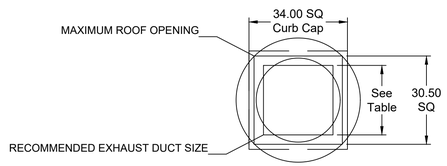
These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

Belt Drive Upblast Centrifugal Roof Exhaust Fan

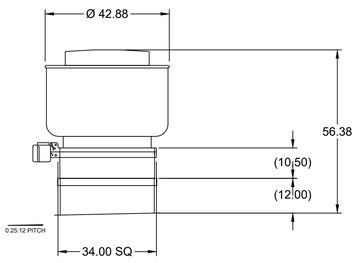
MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	KEF-1	XCUBE-240HP-30	4,676	1.5	1,038	1.99	238	3	460/60/3	OP	1725	1	4.8

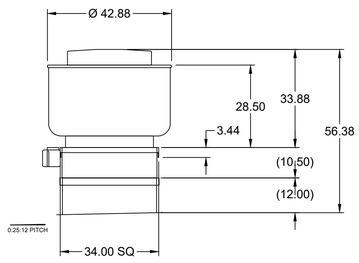
*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

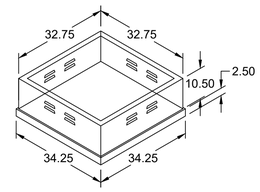
KEF-1 : SELECTED OPTIONS AND ACCESSORIES
One piece fully welded windband
Tapered bushing wheel hub
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480)
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)
Standard Curb Cap Size - 34 Square
UL/cUL 762 Listed - "Power Ventilators for Rest. Exh. Appliances"
Switch, NEMA-3R, Toggle, Shipped with Unit
Curb Extension-Galv., VCE-34-G10.5, Shipped Loose From Factory
Hinged Base (Attached)
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Grease Trap (PN 475538)
Heat Baffle (Attached)



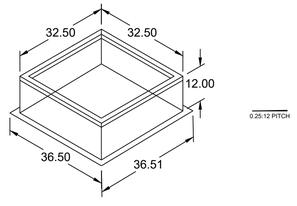
DUCT TYPE	SIZE
STANDARD	24 SQ
FIRE-WRAPPED	20 SQ







ISOMETRIC VIEW



DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON
MOTOR, ADAPTER, AND/OR HINGE BASE.

MARK
KEF-1

ACCUREX

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-5.3

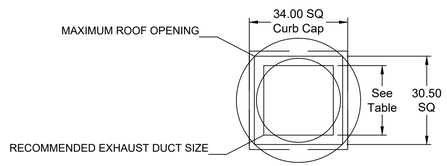
EYRE ENGINEERING
PRINTED 8.29.2025

Belt Drive Upblast Centrifugal Roof Exhaust Fan

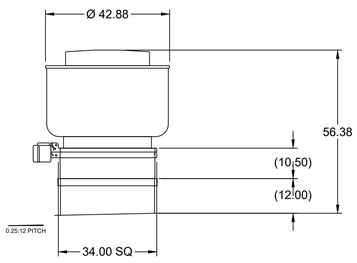
MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	KEF-2	XCUBE-240HP-30	4,676	1.5	1,038	1.99	238	3	460/60/3	OP	1725	1	4.8

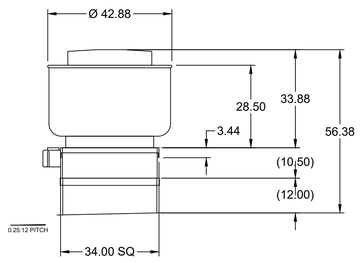
*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

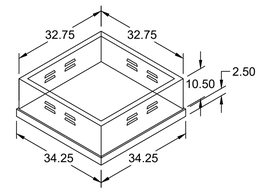
KEF-2 : SELECTED OPTIONS AND ACCESSORIES
One piece fully welded windband
Tapered bushing wheel hub
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480)
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)
Standard Curb Cap Size - 34 Square
UL/cUL 762 Listed - "Power Ventilators for Rest. Exh. Appliances"
Switch, NEMA-3R, Toggle, Shipped with Unit
Curb Extension-Galv., VCE-34-G10.5, Shipped Loose From Factory
Hinged Base (Attached)
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Grease Trap (PN 475538)
Heat Baffle (Attached)



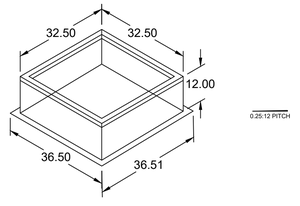
DUCT TYPE	SIZE
STANDARD	24 SQ
FIRE-WRAPPED	20 SQ







ISOMETRIC VIEW



DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON
MOTOR, ADAPTER, AND/OR HINGE BASE.

MARK
KEF-2

ACCUREX

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. M-5.4

EYRE ENGINEERING
PRINTED 8.29.2025

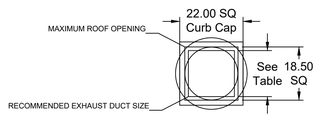
These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

Direct Drive Upblast Centrifugal Roof Exhaust Fan

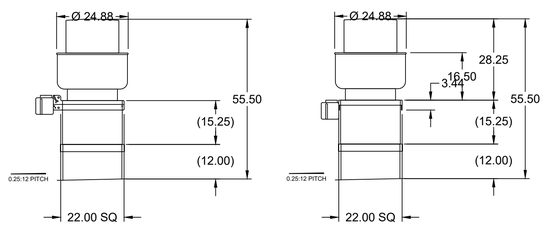
MARK INFORMATION		FAN INFORMATION						MOTOR INFORMATION					
QTY	MARK	MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	DWEF-1	XCUE-099-VG	900	0.75	1,708	0.24	70	0.25	115/60/1	TN	1725	1	5.8

*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

Dwef-1 : SELECTED OPTIONS AND ACCESSORIES
One piece fully welded windband
Tapered bushing wheel hub
Breather tube outlet area min. 4.4 sq. in. (sizes 99-480), 2.0 sq. in. (sizes 60-95)
Min. windband material thickness: 0.051" aluminum (060-240), 0.064" aluminum (240HP, 240XP), 0.080" aluminum (sizes 300-480)
Larger Curb Cap Size - 22 Square
UL/cUL 762 Listed - "Power Ventilators for Rest. Exh. Appliances"
Switch, NEMA-3R, Toggle, Shipped with Unit
Curb Extension-Galv., VCE-22-G15.25, Shipped Loose From Factory
Hinge, Factory Installed
High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
Grease Trap (PN 475538)

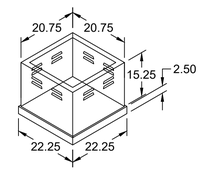


DUCT TYPE	SIZE
STANDARD	16 SQ
FIRE-WRAPPED	8 SQ

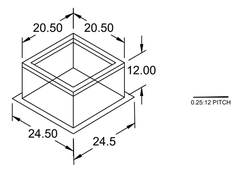


DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR, ADAPTER, AND/OR HINGE BASE.



ISOMETRIC VIEW



MARK	DWEF-1

ACCUREX

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. M-5.5

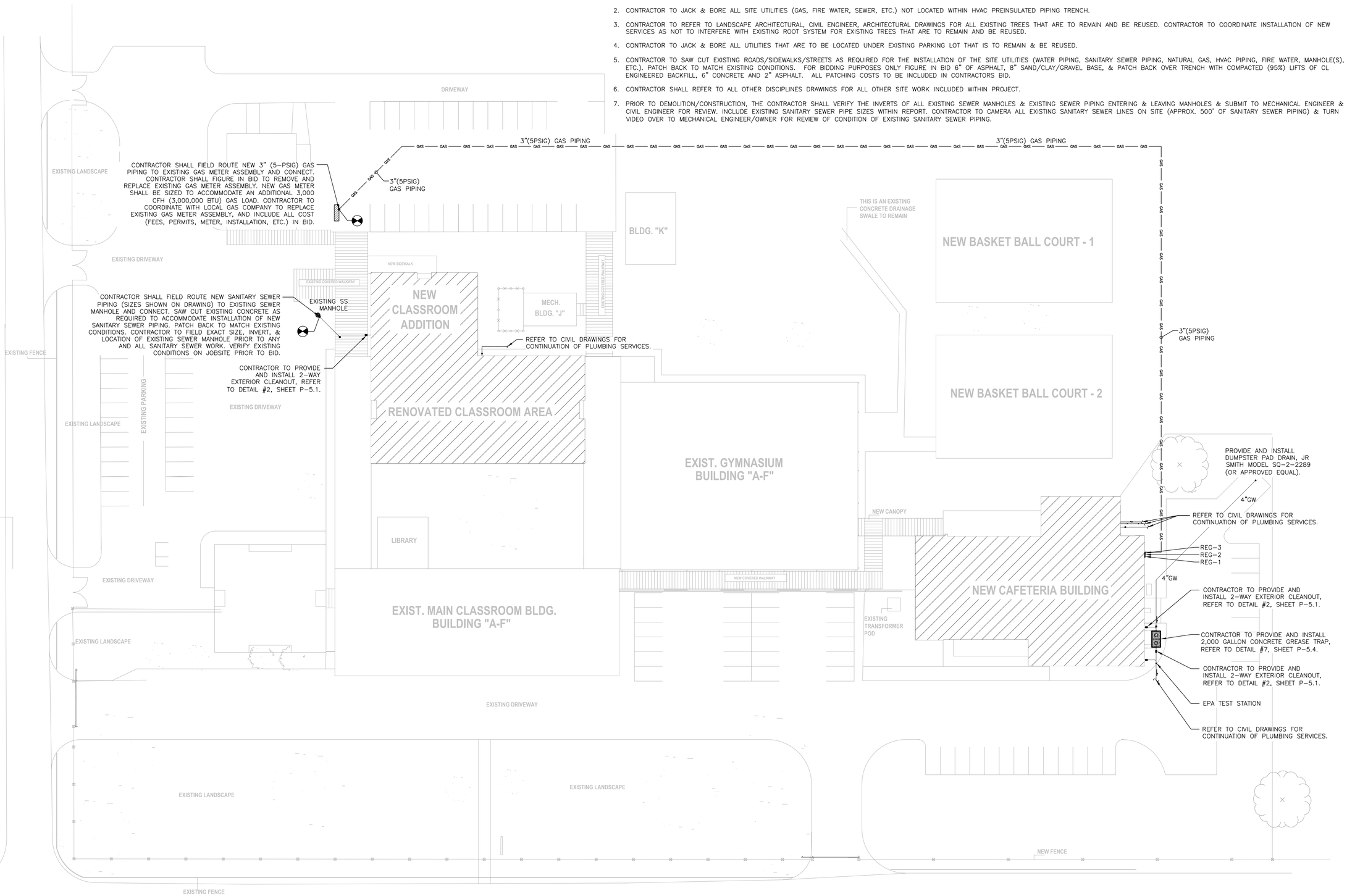
EYRE ENGINEERING

PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GENERAL NOTES:

1. NON-DESTRUCTIVE VERIFICATION OF EXISTING SUBSURFACE UTILITIES:
   1.1. CONTRACTOR TO FIGURE IN BID PERFORMING GROUND PENETRATION RADAR (GPR) AND/OR SONAR OF ENTIRE SITE IN ORDER TO VERIFY EXACT LOCATIONS & SIZES OF ALL EXISTING SUBSURFACE UTILITIES. UPON VERIFICATION OF EXISTING SUBSURFACE UTILITIES, THE CONTRACTOR SHALL HAND DIG AS REQUIRED TO VERIFY ALL INVERTS OF PIPING (AND/OR CONDUITS TO ENSURE EXISTING UTILITIES ARE NOT DAMAGED DURING THE INSTALLATION OF THE NEW SITE UTILITIES.
2. CONTRACTOR TO JACK & BORE ALL SITE UTILITIES (GAS, FIRE WATER, SEWER, ETC.) NOT LOCATED WITHIN HVAC PREINSULATED PIPING TRENCH.
3. CONTRACTOR TO REFER TO LANDSCAPE ARCHITECTURAL, CIVIL ENGINEER, ARCHITECTURAL DRAWINGS FOR ALL EXISTING TREES THAT ARE TO REMAIN AND BE REUSED. CONTRACTOR TO COORDINATE INSTALLATION OF NEW SERVICES AS NOT TO INTERFERE WITH EXISTING ROOT SYSTEM FOR EXISTING TREES THAT ARE TO REMAIN AND BE REUSED.
4. CONTRACTOR TO JACK & BORE ALL UTILITIES THAT ARE TO BE LOCATED UNDER EXISTING PARKING LOT THAT IS TO REMAIN & BE REUSED.
5. CONTRACTOR TO SAW CUT EXISTING ROADS/SIDEWALKS/STREETS AS REQUIRED FOR THE INSTALLATION OF THE SITE UTILITIES (WATER PIPING, SANITARY SEWER PIPING, NATURAL GAS, HVAC PIPING, FIRE WATER, MANHOLE(S), ETC.). PATCH BACK TO MATCH EXISTING CONDITIONS. FOR BIDDING PURPOSES ONLY FIGURE IN BID 6" OF ASPHALT, 8" SAND/CLAY/GRAVEL BASE, & PATCH BACK OVER TRENCH WITH COMPACTED (95%) LIFTS OF CL ENGINEERED BACKFILL, 6" CONCRETE AND 2" ASPHALT. ALL PATCHING COSTS TO BE INCLUDED IN CONTRACTORS BID.
6. CONTRACTOR SHALL REFER TO ALL OTHER DISCIPLINES DRAWINGS FOR ALL OTHER SITE WORK INCLUDED WITHIN PROJECT.
7. PRIOR TO DEMOLITION/CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE INVERTS OF ALL EXISTING SEWER MANHOLES & EXISTING SEWER PIPING ENTERING & LEAVING MANHOLES & SUBMIT TO MECHANICAL ENGINEER & CIVIL ENGINEER FOR REVIEW. INCLUDE EXISTING SANITARY SEWER PIPE SIZES WITHIN REPORT. CONTRACTOR TO CAMERA ALL EXISTING SANITARY SEWER LINES ON SITE (APPROX. 500' OF SANITARY SEWER PIPING) & TURN VIDEO OVER TO MECHANICAL ENGINEER/OWNER FOR REVIEW OF CONDITION OF EXISTING SANITARY SEWER PIPING.



1 SITE PLAN - PLUMBING
SCALE: 1" = 30'-0"

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDING, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. MP-1.1

EYRE ENGINEERING
PRINTED 9.2.2025

PLUMBING LEGEND

NOTE: ALL SYMBOLS IN THIS LEGEND ARE NOT NECESSARILY FOUND ON THE PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
D	FLOOR DRAIN W/TRAP	DS	DOWN SPOUT
HD	HUB DRAIN W/TRAP	VTR	VENT THRU ROOF
SH.D	SHOWER DRAIN W/TRAP		WALL HYDRANT/HOSE BIBB
	CATCH DRAIN	C.O.	FLOOR CLEAN OUT
BST	BASKET TYPE STRAINER	C.O.	WALL CLEAN OUT
FM	FLOW METER		SANITARY DRAIN ABOVE FLOOR OR GRADE SANITARY DRAIN UNDERGROUND
	SHUT-OFF VALVE OPERATION SYMBOL		VENT PIPING ABOVE FLOOR OR GRADE VENT PIPING UNDERGROUND
	BALANCING VALVE OPERATION SYMBOL	SD	STORM PIPING ABOVE FLOOR OR GRADE STORM PIPING UNDERGROUND
	BUTTERFLY, W/SHUT-OFF VALVE OPERATION	RL	PRIMARY ROOF DRAIN LINE
	GATE VALVE	ORL	SECONDARY ROOF DRAIN LINE
	GLOBE, W/MOTORIZED VALVE OPERATION		COLD WATER LINE
	PLUG, W/BALANCING VALVE OPERATION		HOT WATER LINE
	BALL, W/SHUT-OFF VALVE OPERATION		HOT WATER RETURN LINE
	CHECK VALVE	F	FIRE WATER LINE
	CONNECTION TO EXISTING SERVICES	FDC	FIRE DEPARTMENT CONNECTION LINE
B.O.P.	BOTTOM OF PIPE	GW	GREASE WASTE PIPING
	SHUTOFF VALVE	OW	OIL WASTE PIPING
	SHUTOFF VALVE IN VALVE BOX		CAP
P	WASTE OR VENT RISER		PIPING ELBOW - UP
	TEE DOWN PIPING		PIPING ELBOW - DOWN
	TEE		TEE UP PIPING

GENERAL PLUMBING NOTES:

1. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION". AIA DOCUMENT A201, AND THIS SPECIFICATION AS APPLICABLE ARE PART OF THIS CONTRACT.
2. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATIONS SHALL BE CORRECTED BY THE CONTRACTOR.
3. INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHERE NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM THE MANUFACTURER IN SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AVAILABLE RESTRICTIVE SPACES. ASCERTAIN FROM BUILDING OWNER AT WHAT TIMES OF THE DAY EQUIPMENT MAY BE MOVED THROUGH ALL AREAS.
4. ALL PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS, AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING TO AVOID OBSTRUCTIONS.
5. SUPPORT NEW PIPING FROM BUILDING STRUCTURE AND OR FRAMING IN AN APPROVED MANNER. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF SUPPORTS FOR EQUIPMENT, FURNISH ADDITIONAL FRAMING.
6. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
7. SEAL ALL OPENINGS AROUND PIPES THROUGH PARTITIONS AND WALLS WITH APPROVED FIRESTOPPING MATERIAL MEETING ASTM E814 AND NFPA-101.
8. KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.
9. FURNISH SHOP DRAWINGS OF ALL EQUIPMENT BEING PROVIDED. SUBMIT TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION.
10. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE PLUMBING EQUIPMENT AND FIXTURES AS SHOWN OR DETAILED BY THE CONTRACT DOCUMENTS FOR THIS PROJECT. WHERE SPACE OR SPARE DEVICES ARE SHOWN, CONTRACTOR SHALL PROVIDE.
11. PLUMBING CONTRACTOR SHALL PROVIDE PERMANENT LAMINATED LABELS FOR ALL EQUIPMENT THIS PROJECT (I.E. EACH HOT WATER HEATER, PUMP, EXPANSION TANK, MIXING VALVE, ETC.). LABELING SHALL BE A MINIMUM OF 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND. LABELS SHALL BE CONSTRUCTED OF MINIMUM 1" WIDE BY LENGTH AS REQUIRED LAMINATED PLASTIC SECURELY FASTENED TO DEVICE WITH STAINLESS STEEL HARDWARE. PRESSURE SENSITIVE "STICK ON" LABELS SHALL NOT BE ALLOWED.
12. PROVIDE ALL NECESSARY FLASHING AND COUNTERFLASHING TO MAINTAIN THE WATERPROOFING INTEGRITY OF THIS BUILDING AS REQUIRED BY THE INSTALLATION OR REMOVAL OF PIPES, DUCTS, CONDUIT AND EQUIPMENT.
13. MATERIALS AND WORKMANSHIP, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE (MOST CURRENT ADDITION) & INTERNATIONAL PLUMBING CODE (CURRENT EDITION).
14. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED AND IN A MANNER SATISFACTORY TO THE OWNER.
15. UNLESS OTHERWISE SPECIFIED, THE GENERAL CONTRACTOR (GC) SHALL BE RESPONSIBLE FOR ALL PAINTING, CUTTING AND PATCHING OF EXISTING FLOORS, WALLS AND PARTITIONS IN THE EXISTING BUILDING. THE GC SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION THAT IS ACCEPTABLE TO THE ARCHITECT.
16. ACCESS TILE IDENTIFICATION: PROVIDE BUTTONS, TABS AND MARKERS TO IDENTIFY LOCATION OF CONCEALED VALVES AND EQUIPMENT. ALL MATERIAL AND EQUIPMENT TO BE NEW UNLESS OTHERWISE NOTED.
17. SUBMISSION OF A BID SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTIONS OF THE EXISTING BUILDING, EQUIPMENT, ETC., WHICH AFFECT THIS WORK, AND THE ACCESS TO SUCH SPACES, HAS BEEN MADE AND THAT THE CONTRACTOR IS FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN DURING SUCH AN EXAMINATION & COORDINATION.
18. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF ALL EXISTING SERVICES (WATER LINES, SEWER LINES, FIRE WATER LINES, GAS LINES, ELECTRICAL, ETC.) PRIOR TO INSTALLATION. IF ANY CONFLICTS ARISE, CO-ORDINATE WITH ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
19. ALL GRADE SENSITIVE PIPING (SEWER LINES, STORM DRAINAGE LINES, ETC.) SHALL TAKE PRECEDENCE OVER ALL OTHER INSTALLATIONS. CONTRACTOR TO CO-ORDINATE WITH ALL DISCIPLINES PRIOR AND DURING INSTALLATION.
20. PLUG OR CAP ALL PIPING. DO NOT LEAVE PIPING OPEN ENDED.
21. ALL HUB DRAINS PROVIDED FOR CONDENSATE FROM AIR HANDLING UNITS SHALL HAVE FUNNEL.
22. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR ON EXACT LOCATION OF ALL FLOOR DRAINS AS NOT TO CONFLICT WITH MECHANICAL EQUIPMENT. FLOOR DRAIN LOCATION BASED ON EQUIPMENT ON DRAWINGS. IF DIFFERENT EQUIPMENT IS USED ON JOB PLUMBING CONTRACTOR SHALL COORDINATE NEW FLOOR DRAIN LOCATION AS NOT TO CONFLICT WITH NEW EQUIPMENT.
23. PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON LOCATION OF ALL RATED WALL AND FLOOR PENETRATIONS BY PIPING. PLUMBING CONTRACTOR TO PROVIDE FIRE CAULKING AROUND ALL PIPING PENETRATIONS, TYPICAL ALL WALL AND FLOOR PENETRATIONS.
24. ALL EQUIPMENT SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS SO AS TO MAINTAIN GUARANTEES. CONTRACTOR IS TO PROVIDE AND INSTALL ARE SUPPORTS AND HANGERS THAT ARE REQUIRED FOR A PROPER INSTALLATION.
25. PLUMBING PIPING RISER RUNS ARE SHOWN DIAGRAMMATICALLY. PLUMBING CONTRACTOR SHALL ROUTE IN MOST DIRECT MANNER AVOIDING ANY OBSTRUCTIONS NOT INDICATED.
26. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN THE ELECTRICAL AND OTHER TRADES, ESPECIALLY COORDINATION CONCERNING PENETRATIONS OF THE WALLS AND FLOORS WITH PIPE AND DUCTWORK.
27. ALL MODEL NUMBERS SHOWN FOR SPECIFIC MANUFACTURER'S REPRESENT THE TYPE AND QUALITY OF EQUIPMENT TO BE USED. SUBMIT FOR PRIOR APPROVAL ANY EQUIPMENT BEFORE BIDDING.
28. COORDINATE ALL UNDERGROUND PIPE (SEWER, WATER, ETC.) WORK WITH EXISTING UNDERGROUND WORK EG. FEEDER CIRCUITS, SEWER, GAS, TELEPHONE, WATER, DRAINAGE (ETC.) LOCATE ALL UNDERGROUND UTILITIES BEFORE WORK THIS PROJECT. MARKED UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR TO PLACE BACK IN ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT.
29. FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM SUBSTANTIAL COMPETITION, MINIMUM. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. WHERE DEFECTS OCCUR, ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING AND REPLACING WORK OF THE OTHER TRADES AFFECTED BY DEFECTS.
30. THE WORK UNDER CONTRACT INCLUDES ALL LABOR, MATERIALS, AND APPLIANCES NECESSARY FOR THE FURNISHING, INSTALLATION AND TESTING, COMPLETE AND READY FOR SAFE OPERATION OF THE SYSTEMS. WORK SHALL BE INSTALLED IN A NEAT, WORKMANLIKE MANNER. INCLUDE ALL COSTS FOR PERMITS, LICENSES AND CERTIFICATE FILING AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
31. PIPING AND EQUIPMENT SUPPORT SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL GAS CODE, INTERNATIONAL PLUMBING CODE (CURRENT EDITION) UNLESS NOTED OTHERWISE.
32. GAS PIPE SIZING IS BASED ON INTERNATIONAL GAS CODE.
33. GAS PIPING HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE AND NFPA 54 – NATIONAL FUEL GAS CODE (LATEST EDITION).
34. REFER TO SPECIFICATIONS FOR GAS PIPING MATERIAL, JOINTS, AND INSTALLATION.
35. GAS PIPING INSTALLED ON THE EXTERIOR OF THE BUILDING AND ABOVE GRADE SHALL BE COVERED WITH 2 COATS OF A WATERPROOF ASPHALTIC COATING (OR EQUAL) TO PREVENT CORROSION OF THE PIPE.
36. UNDERGROUND GAS PIPING SHALL BE INSTALLED TO ALLOW PROPER MAINTENANCE AND TO PROTECT AGAINST CONTACT OR DAMAGE RESULTING FROM PROXIMITY TO OTHER STRUCTURES. UNDERGROUND PLASTIC PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FROM ANY HEAT SOURCE.
37. THE USE OF THE TERM "PROVIDE" SHALL MEAN TO "FURNISH AND INSTALL THE ASSOCIATED DEVICE OR EQUIPMENT, COMPLETE AND READY FOR THE INTENDED USE".
38. AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO UNDERGROUND NONMETALLIC (PLASTIC) PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE ABOVE GROUND AT EACH END OF THE NONMETALLIC GAS PIPING. THE TRACER WIRE SHALL NOT BE LESS THAN 14 AWG AND SHALL BE SUITABLE FOR BURIAL.
39. JOINTS BETWEEN DIFFERENT PIPING MATERIALS SHALL BE MADE WITH APPROVED ADAPTER FITTINGS.
40. ALL UNDERGROUND PRESSURIZED PIPING SYSTEMS (DOMESTIC WATER, ETC.) SHALL BE INSTALLED A MINIMUM DEPTH OF 36 INCHES BELOW GRADE. UNLESS TIE-IN LOCATIONS REQUIRE; IN SUCH CASE COORDINATE WITH ARCHITECT/ENGINEER PRIOR TO PROCEEDING. GAS PIPING & SITE FIRE WATER TO BE INSTALLED A MINIMUM 36" BELOW FINISHED GRADE.
41. ALL PENETRATIONS OF GAS PIPING THROUGH SLABS AND FOUNDATION WALLS SHALL BE SLEEVED WITH A PIPE SLEEVE.
42. PLUMBING CONTRACTOR SHALL COORDINATE ALL PIPE PENETRATIONS (WALL, FLOOR) WITH ALL OTHER DISCIPLINES IN FIELD PRIOR TO INSTALLATION.
43. PLUMBING CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH ALL OTHER DIVISIONS. SHOULD CONFLICTS ARISE WHICH CANNOT BE CORRECTED WITH MINOR DEVIATIONS. THE CONTRACTOR SHALL CALL THESE CONFLICTS TO THE DESIGNER'S ATTENTION BEFORE PROCEEDING. ALL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND/OR MOUNTING DETAILS SHOWN WITH MODIFICATIONS OF SAME AS REQUIRED TO SUIT FINISHED CONDITIONS.
44. ALL WALL MOUNTED PLUMBING FIXTURES (HAND WASH STATIONS, WATER COOLERS, ETC.) ARE TO HAVE 2" WALL CLEAN OUT WITH CHROME PLATED COVER AS TO CLEAN SANITARY SEWER BRANCH LINE OUT WITHOUT REMOVING FIXTURE. ALL WALL CLEAN OUTS MAY NOT BE SHOWN FOR CLARITY REASONS.
45. ALL PIPING LOCATED THRU GRADE BEAMS TO BE INSULATED WITH 1" CLOSED CELLULAR FOAM AS TO BE ISOLATED FROM THE CONCRETE IN THE EVENT THE BUILDING SETTLES.
46. ALL HUB DRAINS PROVIDED FOR CONDENSATE FROM AIR HANDLING UNITS SHALL HAVE FUNNEL.
47. MAINTAIN 6" BETWEEN FLUSH VALVE, VACUUM BREAKER, CRITICAL LEVEL TAILPIECE, AND OVERFLOW RIM OF WATER CLOSETS & TOILETS.
48. VERIFICATION OF EXISTING UTILITIES: CONTRACTOR TO VERIFY DEPTH/ELEVATION/INVERTS OF ALL EXISTING SANITARY SEWER, DOMESTIC WATER, FIRE WATER, GAS, STORM DRAINAGE, ETC. PRIOR TO ANY AND ALL CONSTRUCTION. IF EXISTING PIPING IS AT AN ELEVATION THAT DOES NOT PROPERLY ALLOW FOR THE INSTALLATION OF NEW UTILITIES THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY FOR FURTHER ACTION.
49. CONTRACTOR TO PROVIDE EXTERIOR CLEANOUT (TWO-WAY) AT ALL SEWER LINES AS SHOWN FROM UNDER BUILDING SLAB.
50. CONTRACTOR TO INCLUDE IN BID A COMPLETE SET OF COORDINATION DRAWINGS FOR ALL PIPING. CONTRACTOR TO PARTICIPATE WITH OTHER SUBS IN COMPILING COORDINATION DRAWINGS. COORDINATION DRAWINGS TO INCLUDE ALL ABOVE CEILING DISCIPLINES ON FLOOR PLANS AT SCALE SIMILAR TO BID DOCUMENTS.
51. GENERAL CONTRACTOR SHALL PAINT ALL PLUMBING PENETRATIONS (VENTING, FLASHING, ETC..) THROUGH ROOF. CONTRACTOR SHALL REFER TO ARCHITECT FOR COLOR SELECTIONS.
52. ALL SANITARY SEWER AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO THE CLOSER OF ANY INTERIOR WALLS.
53. ALL PIPING SHALL BE TESTED AS PER SPECIFICATIONS, AND WITNESS BY EITHER ENGINEER, ARCHITECT, OR OWNERS REPRESENTATIVE.
54. CONTRACTOR TO INCLUDE IN BID A COMPLETE SET OF COORDINATION DRAWINGS FOR ALL PIPING. CONTRACTOR TO PARTICIPATE WITH OTHER SUBS IN COMPILING COORDINATION DRAWINGS. COORDINATION DRAWINGS TO INCLUDE ALL ABOVE CEILING DISCIPLINES ON FLOOR PLANS AT SCALE SIMILAR TO BID DOCUMENTS.
55. PRELIMINARY INVERT PIPE PLAN: CONTRACTOR TO PROVIDE A DRAWING AT NO LESS THAN 1/8"=1'-0" SHOWING PROPOSED INVERTS OF ALL SUBSURFACE PIPING (SEWER, STORM DRAINAGE, ROOF DRAINAGE, DOMESTIC WATER, FIRE WATER, ETC.) TO ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. IF INVERT PIPE SUBMITTAL IS NOT MADE, NO ADDITIONAL COST WILL BE PROVIDED TO THE CONTRACTOR FOR REINSTALLING SUBSURFACE PIPING.
56. ALL FLOOR DRAINS CATCHING CONDENSATION SHALL BE "FD2" FLOOR DRAINS. ALL MECHANICAL ROOMS ARE TO BE EQUIPPED WITH "FD2" OR "FD3" FLOOR DRAINS. REFER TO PLUMBING FLOOR PLANS, AND SPECIFICATIONS.
57. CONTRACTOR TO COORDINATE ALL PLUMBING VENTS WITH X-BRACING IN WALLS, OFFSET AS REQUIRED.
58. CONTRACTOR TO PROVIDE AND INSTALL REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTOR (BFP) ON 1/2" COLD WATER LINE SERVING ALL ICE MAKERS & HUMIDIFIERS. ROUTE DRAIN FROM RPZ BFP TO RESPECTIVE DRAIN FOR ICE MAKER/HUMIDIFIER.
59. AT PROJECT COMPLETION THE CONTRACTOR SHALL REMOVE ALL DEBRIS (CONCRETE, DIRT, ETC.) FROM ALL EXTERIOR VALVE COVERS, EXTERIOR CLEANOUTS & MANHOLE COVERS, THEN APPLY TWO-PART EPOXY COATING (BLACK) FOR ALL EXTERIOR CLEANOUTS, MANHOLE COVERS, AND EXTERIOR VALVE COVERS. EPOXY COATING SHALL DRY TO A HARD FINISH, APPLY COATING PRIOR TO INSTALLATION OF ALL EXTERNAL SEALS.
60. THE ARCHITECTURAL FEATURES SHOWN ON THESE DRAWINGS UPON WHICH THE CONTRACT DOCUMENTS ARE BASED MAY BE INACCURATE OR INCOMPLETE. THE CONTRACTOR SHALL COORDINATE ALL INSTALLATION REQUIREMENTS WITH THE MOST CURRENT TO DATE SEALED ARCHITECTURAL CONTRACT DOCUMENTS AND MODIFY AS REQUIRED.
61. THE CONTRACTOR IS RESPONSIBLE FOR INCLUDING IN BID A COMPLETE AND WORKING SYSTEM IN ACCORDANCE WITH THE MOST CURRENT TO DATE SEALED ARCHITECTURAL CONTRACT DOCUMENTS.
62. ALL FLOOR DRAINS, FLOOR SINKS, & SEWER CLEANOUTS TO HAVE SQUARE TOP/COVERS.

PLUMBING PLAN KEYNOTES: (X)

1. CONTRACTOR TO PROVIDE AND INSTALL EXTERIOR CLEANOUT, REFER TO DETAIL #1, SHEET P-5.1.
2. CONTRACTOR TO PROVIDE AND INSTALL 2-WAY EXTERIOR CLEANOUT, REFER TO DETAIL #2, SHEET P-5.1.
3. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP, ROUTE 1/2" LINE INSIDE WALL, DOWN INSIDE, UNDERGROUND TO FLOOR DRAIN. REFER TO DETAIL #6, SHEET P-5.1.
4. CONTRACTOR TO PROVIDE AND INSTALL, UNDERGROUND WATER SHUT OFF VALVE IN CAST IRON VALVE BOX WITH COVER MARKED "WATER", REFER TO DETAIL #5, SHEET P-5.1.
5. CONTRACTOR SHALL FIELD ROUTE INCOMING DOMESTIC COLD WATER PIPING (SIZES SHOWN ON DRAWING) UP FROM BELOW GRADE WITH FULL PORT BALL VALVE INSTALLED ON VERTICAL PIPING 60 INCHES ABOVE FINISH FLOOR. COORDINATE EXACT LOCATION IN FIELD PRIOR TO INSTALLATION.
6. CONTRACTOR TO PROVIDE AND INSTALL 2,000 GALLON CONCRETE GREASE TRAP, REFER TO DETAIL #7, SHEET P-5.4.
7. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PLUMBING SERVICES.
8. CONTRACTOR SHALL ROUTE 4" SANITARY SEWER PIPING BELOW GRADE HERE (FROM WITHIN PLUMBING CHASE).
9. CONTRACTOR SHALL FIELD ROUTE 3" GREASE WASTE PIPING TO STAINLESS STEEL FLOOR TROUGH AND CONNECT. REFER TO FOOD SERVICE DRAWINGS FOR SPECIFICATIONS OF FLOOR TROUGH PRIOR TO INSTALLATION.
10. CONTRACTOR SHALL FIELD ROUTE 1/2" DOMESTIC COLD WATER PIPING DOWN TO ICE MACHINE AND CONNECT. PROVIDE AND INSTALL WATER FILTER (OF-1) AS SCHEDULED ON SHEET P-2.1. INSTALL WATER/DRAIN IN STRICT ACCORDANCE WITH ICE MAKER MANUFACTURER'S RECOMMENDATIONS, & COORDINATE WITH FOOD SERVICE DRAWINGS PRIOR TO INSTALLATION. REFER TO DETAILS #3, & #4, SHEET P-5.4.
11. CONTRACTOR SHALL PROVIDE AND INSTALL 3" FLOOR SINK (3"FS2), ZURN MODEL Z1910 (OR APPROVED EQUAL) EQUIPPED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO COORDINATE WITH MANUFACTURERS SPECIFICATIONS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION.
12. CONTRACTOR SHALL PROVIDE AND INSTALL GAS FIRED INSTANTANEOUS WATER HEATER(S). FIELD ROUTE AUXILIARY DRAIN PIPING (1" PVC) AND T&P RELIEF DRAIN PIPING (COPPER PIPE FULL SIZE) TO FLOOR DRAIN, TURN DOWN. REFER TO DETAIL #8, SHEET P-5.3.
13. CONTRACTOR SHALL FIELD ROUTE 2" GAS HEADER WITH SHUT OFF VALVE DOWN BELOW INSTANTANEOUS WATER HEATERS. FIELD ROUTE 1-1/4" GAS PIPING TO EACH WATER HEATER AND CONNECT. PROVIDE AND INSTALL SHUT OFF VALVE, UNION, AND DIRT LEG LOCATED AT POINT-OF-CONNECTION. COORDINATE WITH EQUIPMENT SPECIFICATIONS ON EXACT REQUIREMENTS PRIOR TO INSTALLATION AND INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
14. CONTRACTOR TO PROVIDE AND INSTALL CLOTHES WASHER LINT FILTER. CLOTHES WASHER LINT FILTER TO BE MODEL LUV-R AS MANUFACTURED BY ENVIRONMENTAL ENHANCEMENTS (WWW.ENVIRONMENTALENHACEMENTS.COM). CLOTHES WASHER LINT FILTER TO BE AS FOLLOWS: MADE OF STAINLESS STEEL MESH WITH HOLE DIAMETERS OF 0.0625 INCHES, BACKPRESSURE NOT TO EXCEED 5 LBS PER SQUARE INCH AFTER A MONTH OF AVERAGE USAGE, DYNAMIC FILTRATION, FILTER BOWL TO BE CLEAR FOR VISIBILITY, MOUNT ON WALL APPROXIMATELY 18" ABOVE THE WASHING MACHINE. PROVIDE ANGLE-MOUNTING BRACKET.
15. CONTRACTOR TO PROVIDE 2" HUB DRAIN STUBBED OUT WALL TO RECEIVE CONDENSATE FROM AIR HANDLING UNIT, CONTRACTOR TO ROUTE CONDENSATE FROM AIR HANDLING UNIT TO HUB DRAIN AND TURN DOWN AT FUNNEL.
16. CONTRACTOR SHALL PROVIDE AND INSTALL WADE MODEL 1100-BS (OR PRIOR APPROVED EQUAL) ADJUSTABLE FLOOR DRAIN (HINGED SCORIATED SOLID COVER, 4" BOTTOM OUTLET, SEDIMENT BUCKET, GASKETED COVER, ANCHOR FLANGE, SEEPAGE OPENINGS, REVERSIBLE CLAMPING COLLAR, ADJUSTABLE TOP).
17. CONTRACTOR SHALL FIGURE IN BID TO FIELD ROUTE 4" GREASE WASTE PIPING (APPROX. 150'+/-) TO NEW DUMPSTER ENCLOSURE. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF DUMPSTER ENCLOSURE. CONTRACTOR TO PROVIDE AND INSTALL DUMPSTER PAD DRAIN, JR SMITH MODEL SQ-2-2289 (OR APPROVED EQUAL), CAST IRON ADJUSTABLE FRAME, DUCTILE IRON GRATE WITH REMOVABLE SEDIMENT BUCKET, LOOSE SET SOLID NON-SKID STEEL GASKETED COVER EQUIPPED WITH LOCKING DEVICE & LIFT HANDLE. CONTRACTOR SHALL FIGURE IN BID TO PROVIDE AND INSTALL CORROSION RESISTANT PULL-CHAIN & HOOK. PULL CHAIN TO BE CONNECTED TO LIFT HANDLE OF DRAIN COVER WITH HOOK ATTACHED TO ADJACENT DUMPSTER ENCLOSURE WALL. PULL CHAIN PROVIDED FOR EASE OF ACCESS TO DUMPSTER DRAIN. COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION OF DUMPSTER DRAIN, REQUIRED LENGTH OF PULL-CHAIN, & EXACT LOCATION OF WALL HOOK PRIOR TO INSTALLATION.
18. CONTRACTOR SHALL FIELD ROUTE 1" HOT/COLD WATER PIPING DROPS (WITH SHUT OFF VALVES) DOWN TO KITCHEN EQUIPMENT (UTILITY DISTRIBUTION SYSTEM) AND CONNECT. COORDINATE WITH FOOD SERVICE DRAWINGS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
19. GAS SOLENOID VALVE, GAS VALVE TO CLOSE UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. CONTRACTOR TO COORDINATE WITH KITCHEN HOOD SUPPLIER & KITCHEN HOOD FIRE SUPPRESSION SUPPLIER AS TO ENSURE A COMPLETE AND WORKING SYSTEM. PROVIDE MANUAL SHUTOFF VALVE & UNION AT POINT OF CONNECTION TO KITCHEN HOOD UTILITY DISTRIBUTION SYSTEM (UDS). COORDINATE WITH FOOD SERVICE DRAWINGS FOR EXACT CONNECTIONS TO EQUIPMENT PRIOR TO INSTALLATION. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
20. REFER TO PLUMBING SITE PLAN, SHEET MP-1.1 FOR CONTINUATION OF 3" (5-PSIG) GAS PIPING.
21. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR (REG-1) SIZED DOWN FROM 5-PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED MECHANICAL EQUIPMENT. REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 1,000 CFH (1,000,000 BTU). CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
22. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR (REG-2) SIZED DOWN FROM 5-PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED KITCHEN EQUIPMENT. REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 1,000 CFH (1,000,000 BTU). CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).
23. CONTRACTOR TO PROVIDE AND INSTALL NEW GAS REGULATOR (REG-3) SIZED DOWN FROM 5-PSIG TO MANUFACTURER RECOMMENDED OPERATING PRESSURE TO SERVE GAS FIRED INSTANTANEOUS WATER HEATER(S). REGULATOR TO BE SIZED FOR A MAXIMUM FLOW OF 750 CFH (750,000 BTU). CONTRACTOR TO VERIFY OPERATING PRESSURE WITH MANUFACTURER OF ACTUAL EQUIPMENT (THAT IS TO BE SUPPLIED TO THE PROJECT) PRIOR TO INSTALLATION. NATURAL GAS REGULATOR TO BE GOVERNOR SERIES AS MANUFACTURED BY PIETRO FLORENTINI (REGULATOR TO HAVE INTEGRAL VENT LIMITER, CAPACITY RANGE OF 500 TO 1 TURNDOWN).

EYRE ENGINEERING

PRINTED 9.2.2025

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. P-1.0

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GENERAL PLUMBING DEMOLITION NOTES:

1. CONTRACTOR TO VERIFY DEPTH/ELEVATION/INVERTS OF ALL EXISTING SANITARY SEWER, DOMESTIC WATER, ETC. PRIOR TO ANY AND ALL CONSTRUCTION AND DEMOLITION. IF EXISTING PIPING IS AT AN ELEVATION THAT DOES NOT PROPERLY ALLOW FOR THE INSTALLATION OF NEW PLUMBING UTILITIES THEN THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY FOR FURTHER ACTION.

2. PRIOR TO POURING/PATCHING ANY NEW CONCRETE SLAB AND/OR FLOORING, THE CONTRACTOR SHALL CAMERA EXISTING SANITARY SEWER (SS) PIPING UNDER EXISTING BUILDING AND TURN VIDEO OVER TO OWNER FOR REVIEW. AT THIS TIME THE OWNER MAY ELECT TO REPLACE EXISTING SS PIPING UNDER THE BUILDING THAT ARE TO REMAIN AND BE REUSED.

3. CONTRACTOR TO SAW CUT EXISTING CONCRETE AS REQUIRED FOR DEMOLITION OF EXISTING PLUMBING SYSTEMS & TO ACCOMMODATE INSTALLATION OF NEW PLUMBING SERVICES, CONTRACTOR TO PATCH BACK TO MATCH EXISTING CONCRETE.

4. ALL EXISTING PIPING THAT IS TO BE CAPPED BELOW GRADE IS TO BE DONE IN SUCH A MANNER AS NOT TO INTERFERE WITH FLOW OF PIPING (ACTIVE PORTIONS OF PIPING THAT ARE TO REMAIN AND BE REUSED) THAT IS BEING CAPPED.

5. CONTRACTOR TO FIGURE IN BID RUNNING SANITARY SEWER AUGER THRU ALL EXISTING SANITARY SEWER PIPING UNDER EXISTING BUILDING SLAB & SITE SANITARY SEWER PIPING THAT ARE TO REMAIN AND BE REUSED AT CONSTRUCTION COMPLETION AS TO ENSURE PROPER FLOW AND DRAINAGE.

6. **PLUMBING DEMOLITION:** REFER TO ARCHITECTURAL DRAWINGS FOR ARCHITECTURAL DEMOLITION PLAN OUTLINING FURTHER DEMOLITION SCOPE OF WORK. ALL DEMOLISHED PLUMBING UTILITIES THAT ARE NOT TO BE REPLACED OR REUSED SHALL HAVE THEIR RESPECTIVE UTILITIES CAPPED ABOVE/BELOW/BEHIND FINISHED SURFACE (CEILING/FLOOR/WALL), PATCH TO MATCH EXISTING/NEW CONDITIONS.

7. **EXISTING PLUMBING VENTS THRU ROOF:** ALL EXISTING PLUMBING VENTS THRU ROOF SHALL BE REMOVED AND HAULED OFF SITE AS DEBRIS. PATCH RESULTANT ROOF OPENINGS AS REQUIRED, PLUMBING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR & ROOFING CONTRACTOR. CONTRACTOR(S) TO FIELD VERIFY EXACT LOCATION AND QUANTITY IN FIELD PRIOR TO BID. ROOF WORK(PATCH) TO BE PERFORMED IN SUCH A MANNER AS TO ENSURE ALL ROOF WARRANTIES ARE PRESERVED AND MAINTAINED, PATCH ROOF OPENING IN STRICT ACCORDANCE WITH ROOF MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES.

8. CONTRACTOR SHALL FIGURE IN BID TO REMOVE ANY EXISTING FLOOR DRAINS AND HAUL OFF SITE AS DEBRIS. CAP EXISTING PLUMBING SERVICES (SANITARY SEWER, VENT, TRAP PRIMER PIPING, ETC.) BELOW FINISHED GRADE NOT TO INTERFERE WITH FLOW OF EXISTING SANITARY SEWER SYSTEM. CONTRACTOR TO SAW CUT EXISTING CONCRETE AND/OR REMOVE EXISTING FLOORING AS REQUIRED FOR DEMOLITION OF EXISTING FLOOR DRAIN AND ASSOCIATED PIPING. PATCH BACK FLOOR TO MATCH EXISTING. VERIFY EXISTING CONDITIONS ON JOB SITE PRIOR TO BID.

9. CONTRACTOR SHALL FIGURE IN BID TO REMOVE ALL EXISTING EXTERIOR HOSE BIBBS (AND ASSOCIATED PIPING, HANGERS AND/OR SUPPORTS) AND HAUL OFF SITE AS DEBRIS. CAP EXISTING PLUMBING SERVICES BELOW GRADE. CONTRACTOR TO SAW CUT EXISTING CONCRETE AND/OR MODIFY EXISTING EXTERIOR WALLS AS REQUIRED TO ACCOMMODATE REMOVAL OF EXISTING HOSE BIBBS AND ASSOCIATED PIPING. PATCH BACK TO MATCH EXISTING. VERIFY EXISTING CONDITIONS ON JOB SITE PRIOR TO BID.

PLUMBING DEMOLITION PLAN NOTES: (X)

(1) **EXISTING UTILITY INVERT VERIFICATION:**
PRIOR TO ANY AND ALL CONSTRUCTION AND DEMOLITION, THE CONTRACTOR TO VERIFY DEPTH/ELEVATION/INVERTS OF ALL EXISTING SANITARY SEWER, DOMESTIC WATER, FIRE WATER, NATURAL GAS, STORM DRAINAGE, ETC. PRIOR TO ANY AND ALL CONSTRUCTION AND DEMOLITION. IF EXISTING PIPING IS AT AN ELEVATION THAT DOES NOT PROPERLY ALLOW FOR THE INSTALLATION OF NEW PLUMBING UTILITIES THEN THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY FOR FURTHER ACTION.

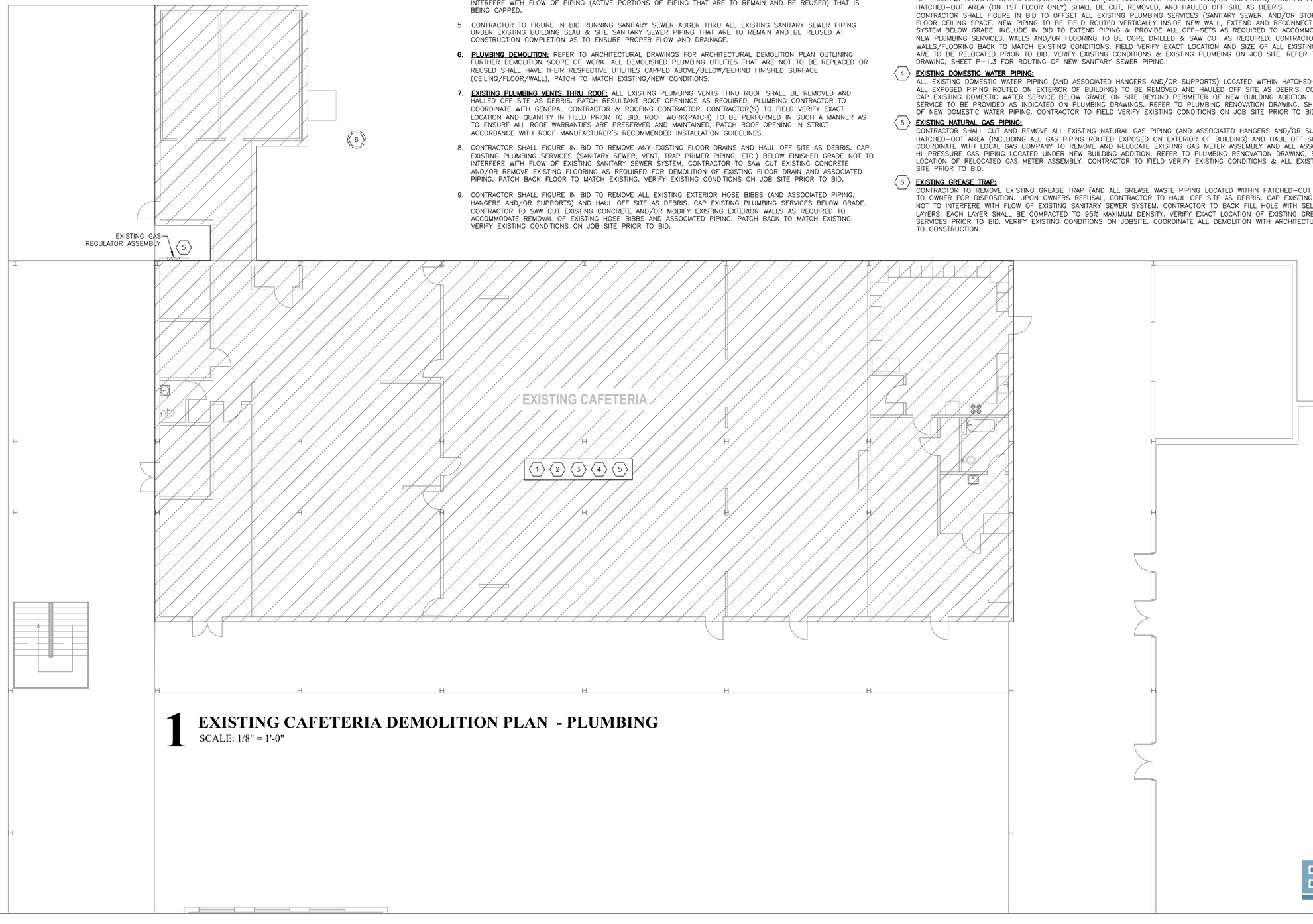
(2) **EXISTING PLUMBING FIXTURES:**
CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES (WATER CLOSETS, LAVATORIES, WATER HEATERS, FLOOR DRAINS, ETC.) AND ALL ASSOCIATED HARDWARE/ACCESSORIES LOCATED WITHIN EXISTING BUILDING (INCLUDING EXISTING DRINKING FOUNTAIN(S) LOCATED ON EXTERIOR OF BUILDING), AND TURN OVER TO OWNER FOR DISPOSITION. UPON OWNERS REFUSAL, CONTRACTOR TO HAUL OFF SITE AS DEBRIS. CAP EXISTING SANITARY SEWER PIPING BELOW GRADE NOT TO INTERFERE WITH FLOW OF EXISTING SANITARY SEWER SYSTEM. CONTRACTOR TO PATCH BACK TO MATCH EXISTING CONDITIONS. VERIFY EXACT LOCATION OF EXISTING PLUMBING FIXTURES AND/OR SERVICES PRIOR TO BID. VERIFY EXISTING CONDITIONS ON JOBSITE.

(3) **EXISTING SANITARY SEWER & VENT PIPING:**
ALL EXISTING SANITARY SEWER AND/OR VENT PIPING (AND ASSOCIATED HANGERS AND/OR SUPPORTS) LOCATED ABOVE GRADE WITHIN HATCHED-OUT AREA (ON 1ST FLOOR ONLY) SHALL BE CUT, REMOVED, AND HAULED OFF SITE AS DEBRIS.
CONTRACTOR SHALL FIGURE IN BID TO OFFSET ALL EXISTING PLUMBING SERVICES (SANITARY SEWER, AND/OR STORM DRAIN PIPING) IN 1ST FLOOR CEILING SPACE. NEW PIPING TO BE FIELD ROUTED VERTICALLY INSIDE NEW WALL, EXTEND AND RECONNECT TO EXISTING DRAINAGE SYSTEM BELOW GRADE. INCLUDE IN BID TO EXTEND PIPING & PROVIDE ALL OFF-SETS AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW PLUMBING SERVICES. WALLS AND/OR FLOORING TO BE CORE DRILLED & SAW CUT AS REQUIRED. CONTRACTOR SHALL PATCH WALLS/FLOORING BACK TO MATCH EXISTING CONDITIONS. FIELD VERIFY EXACT LOCATION AND SIZE OF ALL EXISTING PIPING STACKS THAT ARE TO BE RELOCATED PRIOR TO BID. VERIFY EXISTING CONDITIONS & EXISTING PLUMBING ON JOB SITE. REFER TO PLUMBING RENOVATION DRAWING, SHEET P-1.3 FOR ROUTING OF NEW SANITARY SEWER PIPING.

(4) **EXISTING DOMESTIC WATER PIPING:**
ALL EXISTING DOMESTIC WATER PIPING (AND ASSOCIATED HANGERS AND/OR SUPPORTS) LOCATED WITHIN HATCHED-OUT AREA (INCLUDING ALL EXPOSED PIPING ROUTED ON EXTERIOR OF BUILDING) TO BE REMOVED AND HAULED OFF SITE AS DEBRIS. CONTRACTOR SHALL CUT AND CAP EXISTING DOMESTIC WATER SERVICE BELOW GRADE ON SITE BEYOND PERIMETER OF NEW BUILDING ADDITION. NEW DOMESTIC WATER SERVICE TO BE PROVIDED AS INDICATED ON PLUMBING DRAWINGS. REFER TO PLUMBING RENOVATION DRAWING, SHEET P-1.3 FOR ROUTING OF NEW DOMESTIC WATER PIPING. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS ON JOB SITE PRIOR TO BID.

(5) **EXISTING NATURAL GAS PIPING:**
CONTRACTOR SHALL CUT AND REMOVE ALL EXISTING NATURAL GAS PIPING (AND ASSOCIATED HANGERS AND/OR SUPPORTS) LOCATED WITHIN HATCHED-OUT AREA (INCLUDING ALL GAS PIPING ROUTED EXPOSED ON EXTERIOR OF BUILDING) AND HAUL OFF SITE AS DEBRIS.
COORDINATE WITH LOCAL GAS COMPANY TO REMOVE AND RELOCATE EXISTING GAS METER ASSEMBLY AND ALL ASSOCIATED EXISTING HI-PRESSURE GAS PIPING LOCATED UNDER NEW BUILDING ADDITION. REFER TO PLUMBING RENOVATION DRAWING, SHEET P-1.3 FOR EXACT LOCATION OF RELOCATED GAS METER ASSEMBLY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS & ALL EXISTING GAS PIPING ON JOB SITE PRIOR TO BID.

(6) **EXISTING GREASE TRAP:**
CONTRACTOR TO REMOVE EXISTING GREASE TRAP (AND ALL GREASE WASTE PIPING LOCATED WITHIN HATCHED-OUT AREA) AND TURN OVER TO OWNER FOR DISPOSITION. UPON OWNERS REFUSAL, CONTRACTOR TO HAUL OFF SITE AS DEBRIS. CAP EXISTING PIPING BELOW GRADE NOT TO INTERFERE WITH FLOW OF EXISTING SANITARY SEWER SYSTEM. CONTRACTOR TO BACK FILL HOLE WITH SELECT FILL IN 6" MAXIMUM LAYERS. EACH LAYER SHALL BE COMPACTED TO 95% MAXIMUM DENSITY. VERIFY EXACT LOCATION OF EXISTING GREASE TRAP AND/OR SERVICES PRIOR TO BID. VERIFY EXISTING CONDITIONS ON JOBSITE. COORDINATE ALL DEMOLITION WITH ARCHITECTURAL SEQUENCING PRIOR TO CONSTRUCTION.



1 EXISTING CAFETERIA DEMOLITION PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

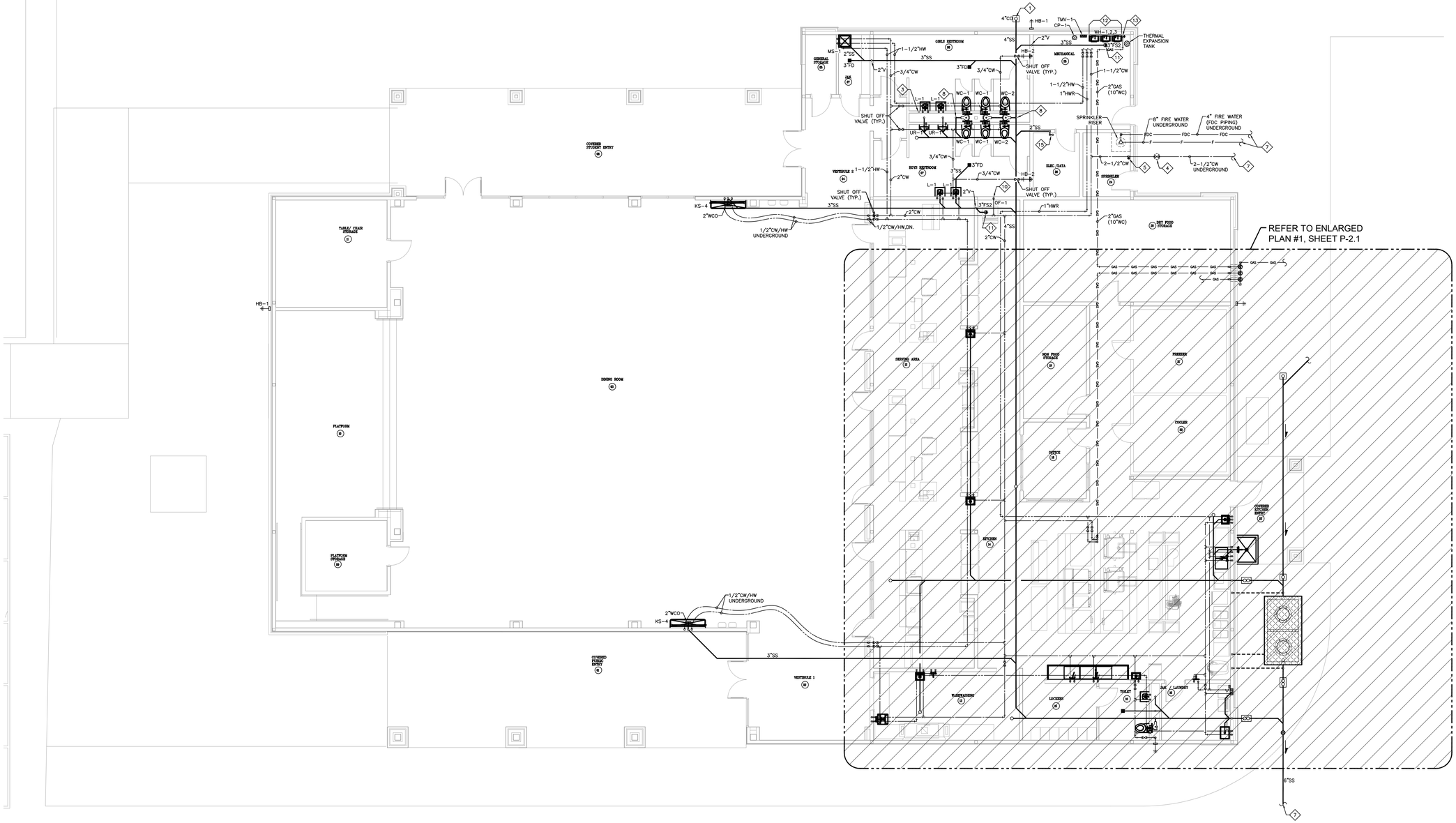
ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. P-1.1

EYRE ENGINEERING
PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.



1 CAFETERIA FLOOR PLAN - PLUMBING

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

REFER TO SHEET P-1.0 FOR PLUMBING KEYNOTES

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

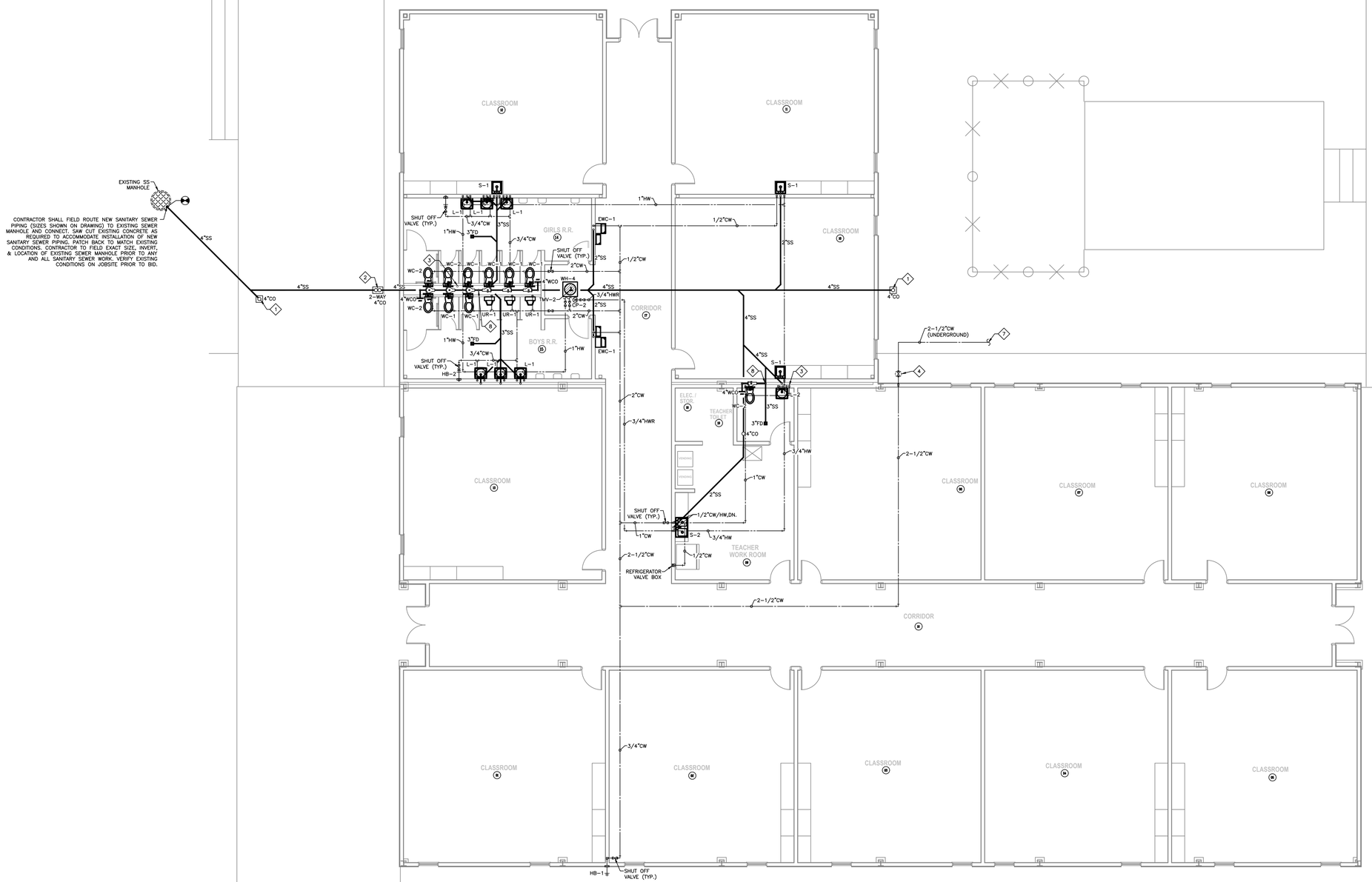
SHEET NO. P-1.2

EYRE ENGINEERING

PRINTED 9.2.2025

GENERAL PLUMBING NOTES:

1. SHOULD A DISCREPANCY BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS ARISE, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY AND SHALL NOT PROCEED WITH ANY WORK UNTIL THE DISCREPANCY IS RESOLVED.
2. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO BEGINNING ANY WORK. SUBMISSION OF BID DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH HE/SHE WILL BE OBLIGATED TO OPERATE. SHOULD THEY BE AWARDED THE WORK UNDER THIS CONTRACT NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE TO EXAMINE THE SITE PRIOR TO BID.
3. ALL UTILITY TIE–IN LOCATIONS (SANITARY SEWER, DOMESTIC WATER, NATURAL GAS, ETC.) ARE TO BE LOCATED AT THE BEGINNING OF PROJECT, PRIOR TO ANY/ALL CONSTRUCTION. UPON LOCATING TIE–IN LOCATIONS, CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER IF ANY CONFLICTS ARISE FOR FURTHER ACTION.
4. NEW PLUMBING FIXTURES TO BE INSTALLED AS SHOWN ON DRAWINGS. MODIFY EXISTING PLUMBING SERVICES TO ACCOMMODATE NEW PLUMBING FIXTURES. CONTRACTOR TO FIELD VERIFY AND INSPECT ALL EXISTING PLUMBING SERVICES PRIOR TO BID. VERIFY EXISTING CONDITIONS ON JOB SITE.
5. CONTRACTOR TO SAW CUT AND/OR CORE DRILL EXISTING CONCRETE TO ACCOMMODATE INSTALLATION OF NEW PLUMBING SERVICES, CONTRACTOR TO PATCH BACK TO MATCH EXISTING CONCRETE.
6. CONTRACTOR SHALL CUT AND REPAIR EXISTING GRADE BEAMS AS TO ACCOMMODATE INSTALLATION OF NEW PLUMBING SERVICES AS SHOWN ON DRAWING. COORDINATE WITH STRUCTURAL ON ALL LOCATIONS OF PLUMBING SERVICES PENETRATING EXISTING GRADE BEAMS PRIOR TO CONSTRUCTION. VERIFY EXISTING CONDITIONS & EXISTING PLUMBING ON SITE.
7. CONTRACTOR SHALL MODIFY EXISTING WALLS AS TO ACCOMMODATE INSTALLATION OF NEW PLUMBING SYSTEM AS SHOWN ON PLAN. EXTERIOR WALLS TO BE CORE DRILLED AS REQUIRED. CONTRACTOR SHALL PATCH WALLS BACK TO MATCH EXISTING CONDITIONS. VERIFY EXISTING CONDITIONS & EXISTING PLUMBING ON SITE.
8. CONTRACTOR TO VERIFY DEPTH/ELEVATION/INVERTS OF ALL EXISTING SANITARY SEWER, DOMESTIC WATER, ETC. PRIOR TO ANY AND ALL CONSTRUCTION. IF EXISTING PIPING IS AT AN ELEVATION THAT DOES NOT PROPERLY ALLOW FOR THE INSTALLATION OF NEW UTILITIES THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY FOR FURTHER ACTION.
9. LOCATION OF EXISTING UTILITIES WERE DERIVED FROM EXISTING DRAWINGS PROVIDED BY ARCHITECT AND FIELD INVESTIGATION. CONTRACTOR SHALL ALLOW FOR SOME VARIANCE AND INCLUDE IN BID. CONTRACTOR SHALL FIELD VERIFY ALL TIE IN LOCATIONS, CONTRACTOR SHALL EXPECT SOME VARIATION AND SHALL INCLUDE THIS IN HIS BID.
10. OWNER TO HAVE FIRST RIGHT OF REFUSAL OF ALL REMOVED MATERIAL, PIPING, EQUIPMENT, HANGERS, ETC., UPON REFUSAL THE CONTRACTOR IS TO HAUL OFF SITE AS DEBRIS.
11. EXISTING BUILDING CONDITIONS:
    11.1. CONTRACTOR SHALL INSPECT ALL EXISTING CONDITIONS AND SPACE LIMITATIONS AT THE SITE AND SHALL INCLUDE IN HIS BID ALL REQUIRED SPECIAL ADJUSTMENTS BECAUSE OF SITE CONDITIONS. VERIFY CONDITIONS DURING CONSTRUCTION BEFORE FABRICATION OF SYSTEM COMPONENTS. EARLY FABRICATION WILL NOT BE JUSTIFICATION FOR EXTRA PAYMENTS FOR CHANGES DUE TO JOB CONDITIONS.



1 CLASSROOM FLOOR PLAN - PLUMBING

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

REFER TO SHEET P-1.0 FOR PLUMBING KEYNOTES

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

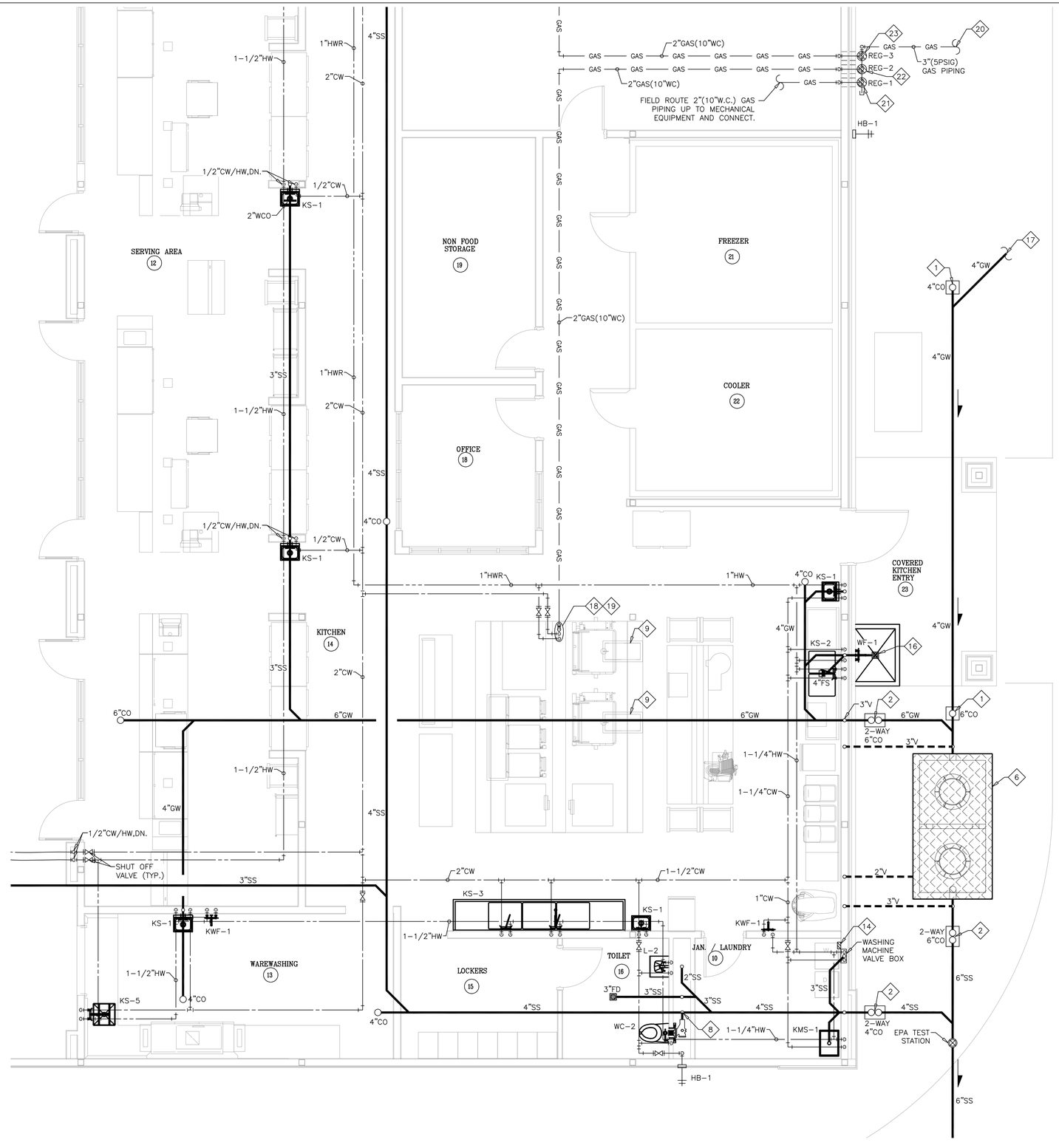
PROJECT NO. 2408

SHEET NO. P-1.3

EYRE ENGINEERING

PRINTED 8.29.2025

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.



1 ENALRGED CAFETERIA FLOOR PLAN - PLUMBING

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

REFER TO SHEET P-1.0 FOR PLUMBING KEYNOTES

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, RECORDING, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#23333, EYRE ENGINEERING, LLC

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

PROJECT NO. 2408

SHEET NO. P-2.1

EYRE ENGINEERING

PRINTED 9.2.2025

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PIPE CONNECTION				SPECIFICATION
			C.W.	H.W.	WASTE	VENT	
WC-1	WATER CLOSET	ZURN MODEL Z5615-BWL, OR APPROVED EQUAL	1"	–	4"	3"	WALL MOUNTED WHITE VIT CHINA, ELONGATED BOWL, 14" HIGH BOWL WITH ADJUSTABLE HEIGHT CARRIER SYSTEM. FLUSH VALVE TO BE MANUAL, ZURN MODEL Z-6000-WS1, OR APPROVED EQUAL (TO BE EQUIPPED WITH ANGLE STOP AND VACUUM BREAKER TUBE), TOP SPUD. CHURCH MODEL #9500SSCT, (OR APPROVED EQUAL) OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POST, WHITE. FLUSH VALVE SHALL BE EQUIPPED WITH MANUAL OVERRIDE BUTTON.
WC-2	HANDICAPPED WATER CLOSET	ZURN MODEL Z5615-BWL, OR APPROVED EQUAL	1"	–	4"	3"	WALL MOUNTED WHITE VIT CHINA, ELONGATED BOWL, ADA COMPLIANT 17" HIGH BOWL WITH ADJUSTABLE HEIGHT CARRIER SYSTEM. FLUSH VALVE TO BE MANUAL, ZURN MODEL Z-6000-WS1, OR APPROVED EQUAL (TO BE EQUIPPED WITH ANGLE STOP AND VACUUM BREAKER TUBE), TOP SPUD. CHURCH MODEL #9500SSCT, (OR APPROVED EQUAL) OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGES WITH NON-CORRODING STAINLESS STEEL POST, WHITE. FLUSH VALVE SHALL BE EQUIPPED WITH MANUAL OVERRIDE BUTTON.
UR-1	URINAL	ZURN MODEL Z5755-U, OR APPROVED EQUAL	3/4"	–	2"	2"	FLUSH VALVE ZURN MODEL Z-6003-WS1, OR APPROVED EQUAL (TO BE EQUIPPED WITH ANGLE STOP AND VACUUM BREAKER TUBE) WALL HUNG, 3/4" TOP SPUD, SIPHON JET ACTION, PLATE TYPE WALL CARRIER. REFER TO ARCHITECTURAL DRAWINGS FOR ALL HANDICAPPED ACCESSIBLE URINAL STALLS, AND COORDINATE MOUNTING HEIGHTS FOR ADA COMPLIANCE PRIOR TO INSTALLATION.
L-1	LAVATORY	ZURN MODEL Z5340, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL HUNG WITH TAILPIECE, 3 HOLE, 4" CENTERS, GRID STRAINER DRAIN. PROVIDE 0.5 FLOW RESTRICTOR, P-TRAP, STOPS, SUPPLIES & CONCEALED ARMS WALL CARRIER. LAVATORY TO BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL). FAUCET: ZURN MODEL Z86500-XL-3M-RKR (OR APPROVED EQUAL), VANDAL RESISTANT, 4" CENTERS, SLOW-CLOSE METERING FAUCET, 0.5 GPM FLOW RESTRICTOR, ADA COMPLIANT ROCKER HANDLE, PROVIDE DECKPLATE, P-TRAP, STOPS AND SUPPLIES.
L-2	LAVATORY	ZURN MODEL Z5340, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	WALL HUNG WITH TAILPIECE, 3 HOLE, 4" CENTERS, GRID STRAINER DRAIN. PROVIDE 0.5 FLOW RESTRICTOR, P-TRAP, STOPS, SUPPLIES & CONCEALED ARMS WALL CARRIER. LAVATORY TO BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL). FAUCET: ZURN MODEL Z81104-XL (OR APPROVED EQUAL), WRISTBLADE HANDLES, OFFSET GRID STRAINER, SOLID LEAD-FREE BRASS CONSTRUCTION, 0.5 GPM FLOW RESTRICTOR. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL)
S-1	SINK	ELKAY MODEL LRAD191965, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	SELF-RIMMING, SINGLE COMPARTMENT, 18 GA. TYPE 304 STAINLESS STEEL, ADA COMPLIANT, 6.5" DEEP BOWL. 3-HOLE, 8" CENTERS, REAR-CENTER DRAIN LOCATION, GRID STRAINER DRAIN. PROVIDE P-TRAP, STOPS, SUPPLIES. FAUCET: T&S BRASS MODEL B-2866-VF05 (OR APPROVED EQUAL) DECK MOUNTED FAUCET WITH WRIST BLADE HANDLES AND GOOSENECK SPOUT, 0.5 GPM VANDAL-RESISTANT FLOW RESTRICTOR.
S-2	SINK	ELKAY MODEL LRAD331965-4, OR APPROVED EQUAL	1/2"	1/2"	2"	2"	SELF-RIMMING, DOUBLE COMPARTMENT, 18 GA. TYPE 304 STAINLESS STEEL, ADA COMPLIANT, 6.5" DEEP BOWL, 4-HOLE, 8" CENTERS, GRID STRAINER, CENTER-REAR DRAIN LOCATION, PROVIDE OFFSET DRAIN PIPE. FAUCET: AMERICAN STANDARD MODEL 9316.451.002, (OR APPROVED EQUAL) METAL LEVER HANDLES, SWIVEL GOOSENECK SPOUT, 0.5 FLOW RESTRICTOR, EQUIPPED WITH SEPARATE COLOR-MATCHED HAND SPRAY.
MS-1	MOP SINK	FIAT MODEL MSB-2424, OR APPROVED EQUAL	3/4"	3/4"	3"	2"	FLOOR MOUNTED, 2" DRAIN. EQUIPPED WITH. HOSE AND BRACKET COMBO, FIAT MODEL 832-AA (OR APPROVED EQUAL). MOP HANGER BRACKET, FIAT MODEL 889-CC (OR APPROVED EQUAL). CONTRACTOR TO PROVIDE AND INSTALL FRP WALL SURROUND, REFER TO TYPICAL DETAIL. FAUCET: ZURN MODEL Z843M1-RC-CS-HCT (OR APPROVED EQUAL) WALL MOUNTED 8" FAUCET EQUIPPED WITH VACUUM BREAKER SPOUT, PAIL HOOK, QUARTER TURN CERAMIC DISC CARTRIDGES, VANDAL RESISTANT COLOR CODED BRASS LEVER HANDLES, & HOSE THREADS. CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS PRIOR TO INSTALLATION.
EWC-1	ELECTRIC WATER COOLER	ELKAY MODEL LZOOTL8WSSK, OR APPROVED EQUAL	1/2"	–	2"	2"	WALL HUNG, FRONT PUSHBARS EQUIPPED WITH SENSOR OPERATED HANDS-FREE ACTIVATION, FILTERED, 8.0 GPM OF 50° WATER @ 90° AMBIENT, DUAL LEVEL, ADA COMPLIANT. STAINLESS STEEL LOWER SHROUD, EQUIPPED WITH SENSOR OPERATED, EZH2O BOTTLE FILLER, AUTO 20-SECOND SHUT-OFF TIMER, ANTIMICROBIAL, FLEXI-GUARD SAFETY BUBBLER. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR MOUNTING HEIGHTS, ELECTRICAL SERVICE 120/1/60. CONTRACTOR SHALL FIGURE IN BID TO PROVIDE AND INSTALL CANE-APRON (ELKAY EZ SERIES, OR APPROVED EQUAL) AS REQUIRED.
WF-1	WALL FAUCET	ZURN MODEL Z843M1, OR APPROVED EQUAL	3/4"	3/4"	–	–	WALL MOUNTED 8" FAUCET EQUIPPED WITH VACUUM BREAKER SPOUT, PAIL HOOK, QUARTER TURN CERAMIC DISC CARTRIDGES, VANDAL RESISTANT COLOR CODED BRASS LEVER HANDLES, & HOSE THREADS. CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS PRIOR TO INSTALLATION.
HB-1	HOSE BIBB	ZURN MODEL Z-1320, OR APPROVED EQUAL	3/4"	–	–	–	AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, FREEZELESS, WALL HYDRANT WITH FLUSH MOUNTED CHROME PLATED WALL BOX LABELED "WATER", LONG TEE KEY, CHROME HEAD NUT. WHERE WALL THICKNESS DOES NOT ALLOW FOR THE INSTALLATION OF THE SPECIFIED FLUSH MOUNTED FREEZELESS HOSE BIBB, PROVIDE AND INSTALL WOODFORD MODEL 68 UNDERCOVER WALL HYDRANT. VERIFY ALL WALL THICKNESS AS SHOWN ON ARCHITECTURAL DRAWINGS & IN FIELD PRIOR TO ORDERING ANY AND ALL HOSE BIBBS.
HB-2	HOSE BIBB	ZURN MODEL Z-1350, OR APPROVED EQUAL	3/4"	–	–	–	NARROW WALL HYDRANT, AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, WALL HYDRANT WITH FLUSH MOUNTED CHROME PLATED WALL BOX LABELED "WATER", LONG TEE KEY.
KS-1	HAND WASH SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	1/2"	1/2"	2"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, SUPPLIES, & CARRIER. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL).
KS-2	KITCHEN SINK (DOUBLE-COMP.)	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	4"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, AND SUPPLIES.
KS-3	KITCHEN SINK (TRIPLE-COMP.)	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	4"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, AND SUPPLIES.
KS-4	HAND WASH STATION	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	1/2"	1/2"	2"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, SUPPLIES, & CARRIER. PROVIDE AND INSTALL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE UNDER EACH LAVATORY, LAWLER MODEL TMM-1070 (OR APPROVED EQUAL).
KS-5	KITCHEN SINK (PRE-RINSE)	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	4"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, AND SUPPLIES.
KWF-1	KITCHEN WALL FAUCET	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	–	–	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY STOPS, AND SUPPLIES.
KMS-1	KITCHEN MOP SINK	TO BE SUPPLIED BY FOOD SERVICE CONTRACTOR.	3/4"	3/4"	2"	2"	PLUMBING CONTRACTOR TO INSTALL AND MAKE FINAL CONNECTION AND SUPPLY P-TRAP, STOPS, AND SUPPLIES.

GENERAL NOTES:

1. SINKS TO MEET ADA STANDARDS, MIN. CLEARANCE 29" FROM FLOOR TO BOTTOM OF APRON. EXPOSED DRAIN AND WATER PIPING UNDER SINK SHALL NOT INTERFERE W/ REQUIRED KNEE CLEARANCE AND BE COVERED WITH TWO-PIECE, SNAP-ON, PVC INSULATED COVERS, TRUEBRO "HANDI LAV-GUARD", PLUMBEREX 3000, OR APPROVED EQUAL.
2. ANY AND ALL MANUFACTURERS AND OR MODEL NUMBERS NOT LISTED IN PLUMBING SCHEDULES ARE TO BE SUBMITTED TO ARCHITECT & ENGINEER FOR PRIOR APPROVAL. ALL PRIOR APPROVAL SUBMITTALS ARE TO INCLUDE MODEL NUMBERS AND CUT SHEET. SUBMITTALS THAT DO NOT INCLUDING CUT SHEETS WILL NOT BE APPROVED.
3. ALL MODEL NUMBERS SPECIFIED MAY NOT NECESSARILY INCLUDE ALL OPTIONS LISTED WITHIN SPECIFICATION SECTION. THIS DOES NOT EXEMPT THE CONTRACTOR FROM EXCLUDING SUCH OPTIONS AS LISTED WITHIN THE SPECIFICATION SECTION.
4. HARDWARE (CARRIAGE BOLTS, ETC.) USED TO ATTACHED ALL PLUMBING FIXTURES IS TO BE STAINLESS STEEL, NO EXCEPTION. PROVIDE SUBMITTAL TO ARCHITECT PRIOR TO INSTALLATION.
5. APPROVED MANUFACTURERS (NAME BRAND ONLY, SEE NOTE #3): MOEN, ZURN, CHICAGO, SLOAN, BRADLEY, KOHLER, MANSFIELD, CENTOCO, MIFAB, WATTS, AMERICAN STANDARD, ACORN, FLORESTONE, WILKINS, JR SMITH, MUSTEE, GERBER, RHEEM, SYMMONS, HAMILTON.
6. WALL MOUNTED LAVATORIES SHALL BE EQUIPPED WITH MOLDED TRUEBRO LAV-SHIELD (OR APPROVED EQUAL) PROTECTIVE LAVATORY ENCLOSURE. ALL OTHER LAVATORY P-TRAPS & SUPPLIES SHALL BE COVERED WITH TWO-PIECE, SNAP-ON, PVC INSULATED COVERS, TRUEBRO "HANDI LAV-GUARD", PLUMBEREX 3000, OR APPROVED EQUAL.
7. ALL FLOOR DRAINS, FLOOR SINKS, & INTERIOR SEWER CLEANOUTS TO HAVE SQUARE TOP/COVER.

INSTANTANEOUS WATER HEATER SCHEDULE

NO.	MAX. INPUT RATE (Btuh)	MIN. INPUT RATE (Btuh)	RECOV. GPM 35° RISE	RECOV. GPM 45° RISE	RECOV. GPM 77° RISE	OPERATING GAS PRESSURE	ELECTRICAL DATA				MANUFACTURER
							POWER CONSUMPTION	AMPS	VOLTS	PH. / HZ.	
WH-1,2,3	251,000	30,000	13.8	10.7	6.3	2.5"-14" W.C.	500W	4.2	120	1 / 60	INTELLIHOT IQ251, OR PRIOR APPROVED EQUAL.

1. PROVIDE WALL MOUNT RACK SYSTEM FOR EACH SYSTEM. REFER TO DRAWINGS & DETAILS FOR QUANTITY OF WATER HEATERS ON RACK SYSTEM.
2. PROVIDE MULTI-UNIT CONTROLLER ASSEMBLY FOR EACH SYSTEM.
3. PROVIDE TANKLESS ISOLATION VALVE KIT.
4. EACH WATER HEATER SHALL COME WITH 6', 3 PRONG, POWER CORD FOR WALL OUTLET PLUG-IN INSTALLATION.
5. PROVIDE COMMUNICATION CABLE FROM UNIT TO UNIT.
6. PROVIDE CONDENSATE NEUTRALIZER KIT.
7. PROVIDE CONCENTRIC VENT KIT AT WATER HEATER FOR ROOF PENETRATION. VENT KIT TO BE SUPPLIED BY WATER HEATER MANUFACTURER TO ENSURE COMPATIBILITY WITH WATER HEATER & FOR WARRANTY COMPLIANCE. INNER EXHAUST MATERIAL TO BE POLYPROPYLENE. TO BE PROVIDED WITH ROOF DISCHARGE TERMINATION KIT. PROVIDE ALL REQUIRED ROOF FLASHING, ELBOWS & EXTENSIONS AS REQUIRED (SUPPLIED BY WATER HEATER MANUFACTURER)

DOMESTIC HOT WATER HEATER SCHEDULE

NO.	MIN. STOR. GAL.	MBTU OUTPUT	RECOV. GPH 80° RISE	GAS CONN.	K.W.	ELEC. SERV.	FLUE SIZE	MANUFACTURER
WH-4	20	–	15	–	3	208/1/60	–	AO SMITH MODEL DEL-20, OR APPROVED EQUAL.

GENERAL NOTES:

1. ALL WATER HEATERS (ENTIRE WATER HEATER) ARE TO BE ASME CERTIFIED, NOT JUST TANKS. INCLUDING ALL T&P RELIEF VALVES.
2. VERIFY ALL SERVICE CLEARANCES AROUND EQUIPMENT PRIOR TO INSTALLATION.

THERMOSTATIC MIXING VALVE SCHEDULE

MARK	LOCATION	MINIMUM FLOW (GPM)	FLOW RATE (GPM) @ 5PSI PRESSURE DROP	FLOW RATE (GPM) @ 10PSI PRESSURE DROP	INLET SIZES	OUTLET SIZE	MANUFACTURER
TMV-1	SEE DRAWINGS	1 GPM	26 GPM	40 GPM	1"	1-1/4"	LEONARD MODEL TM-186-820B-LF-RF-STSTL-EXP, OR PRIOR APPROVED EQUAL
TMV-2	SEE DRAWINGS	1 GPM	11 GPM	16 GPM	3/4"	3/4"	LEONARD MODEL XL-32A-LF-BDT-IT, OR PRIOR APPROVED EQUAL

GENERAL NOTES:

1. TMV TO BE HIGH/LOW THERMOSTATIC MIXING VALVES.
2. THERMOSTATIC MIXING VALVE TO BE PROVIDED WITH EXPOSED STAINLESS STEEL CABINETS, PIANO HINGED DOORS AND BE LOCKABLE.
3. UNIT TO BE PROVIDED WITH WALL MOUNTING BRACKETS, VACUUM BREAKERS, TOP SUPPLIES, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, INLET CHECKSTOPS, OUTLET BALL VALVE, COLOR CODED DIAL THERMOMETER (0°F-140°F), INLET MANIFOLD PIPING, LOCKING TEMPERATURE REGULATOR, AND BE FACTORY ASSEMBLED AND TESTED.
4. ALL TMV TO ASSE 1017 COMPLIANT.
5. ALL TMV TO HAVE 1 GPM MINIMUM FLOW.
6. ALL TMV TO BE LEAD-FREE TYPE.
7. ALL TMV TO CSA CERTIFIED.

DOMESTIC HOT WATER CIRCULATING PUMP SCHEDULE

MARK	SERVICE	GPM	TDH (FT.)	RPM	WATTS	ELECTRIC	MANUFACTURER
CP-1,2	DOMESTIC HOT WATER	5	34'	830-4300	170	120/1/60	TACO 0034eP-SF2 SERIES, OR PRIOR APPROVED EQUAL.

GENERAL NOTES:

1. PUMP TO BE ALL STAINLESS STEEL CONSTRUCTION SUITABLE FOR DOMESTIC WATER USE (LEAD FREE, NSF 61 & 372 COMPLIANT).
2. TO BE CONTROLLED BY AQUASTAT WITH TIMER (TACO MODEL 563-2 OR PRIOR APPROVED EQUAL) IN RETURN WATER PIPING.
3. PUMP SHALL BE HIGH PERFORMANCE, VARIABLE SPEED, WET-ROTOR CIRCULATOR WITH HIGH-EFFICIENCY ECM PERMANENT MAGNET TECHNOLOGY.
4. PUMP CONTROL COVER SHALL HAVE THE ABILITY TO BE ROTATED AS TO ALLOW FOR PUMP MOUNTING IN VARIOUS ORIENTATIONS.
5. PUMP SHALL HAVE THE FOLLOWING OPERATING MODES: 0-10V, HIGH, MEDIUM, LOW, & ACTIVEADAPT (CIRCULATOR SHALL HAVE THE ABILITY TO SENSE CHANGES IN SYSTEM FLOW AND HEAD CONDITIONS AND ADJUST THE OPERATING CURVE AUTOMATICALLY).
6. PUMP TO HAVE DIGITAL LED DISPLAY CONTROLLER FOR EASY PROGRAMMING AND DIAGNOSTIC FEEDBACK.
7. PUMP SHALL HAVE OF MEANS OF DISCONNECT, COORDINATE WITH ELECTRICAL DRAWINGS.
8. PUMP TO BE FURNISHED WITH CORD AND PLUG.

WATER FILTER SCHEDULE

MARK	MANUFACTURER & MODEL NO.	LOCATION	TYPE	HORIZONTAL OR VERTICAL	FLOW RATE (GPM)	OVERALL DIMENSIONS (DxH)	OPERATING WEIGHT (LBS)	REMARKS
OF-1	WATTS ONE FLOW - OF120-2	ICE MACHINES	ANTI-SCALE SYSTEM	VERTICAL	2	6"x15"	8	1

1. PROVIDE WITH 1/2" INLET AND 1/2" OUTLET CONNECTIONS.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, RECORDING, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33331, EYRE ENGINEERING, LLC.

COPYRIGHT DATE:
08/29/25
REVISED:
DRAWN BY:
JDC
CHECKED BY:
HCEIII
PROJECT NO.
2408
SHEET NO.
P-3.1

EYRE ENGINEERING
PRINTED 8.29.2025

TRAP PRIMERS

ALL FLOOR DRAINS AND FLOOR SINKS TO BE PROVIDED WITH TRAP PRIMER CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL AUTOMATIC TRAP PRIMER WITH AIR GAP TO SERVE EACH FLOOR DRAIN AND/OR FLOOR SINK, REFER TO DETAIL #6, SHEET P-5.1. AUTOMATIC TRAP PRIMERS SHALL BE FIELD INSTALLED ABOVE CEILING IN ACCESSIBLE LOCATION. FIELD ROUTE TRAP PRIMER PIPING BELOW GRADE FROM DRAIN CONNECTION TO AUTOMATIC TRAP PRIMER AND CONNECT. CONTRACTOR NOT TO EXCEED THE MANUFACTURERS RECOMMENDED DISTANCE FROM TRAP PRIMER ASSEMBLY TO FLOOR DRAIN/SINK BEING SERVED. COORDINATE WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION & INSTALL IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. TRAP PRIMER PIPING MAY NOT BE SHOWN ON RISER DIAGRAMS FOR CLARITY.

WATER HAMMER ARRESTOR

CONTRACTOR SHALL PROVIDE ASSE 1010 COMPLIANT WATER HAMMER ARRESTORS ON ALL CW AND HW LINES AT ALL FIXTURES TO PREVENT WATER HAMMER.

VENTS THRU ROOF

CONTRACTOR TO COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION OF ALL PLUMBING VENTS THRU ROOF, NO EXCEPTION.

RISER DIAGRAMS

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

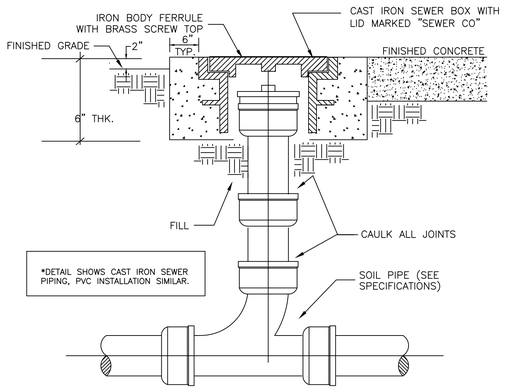
CHECKED BY: HCEIII

PROJECT NO. 2408

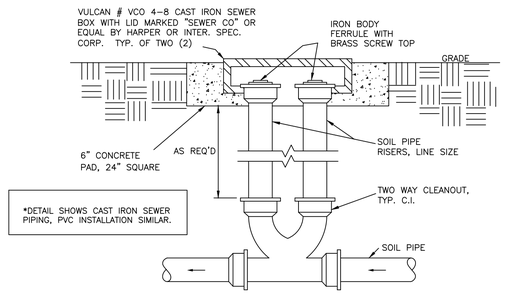
SHEET NO. P-4.1

EYRE ENGINEERING

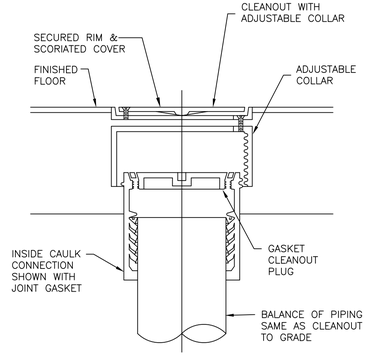
PRINTED 8.29.2025



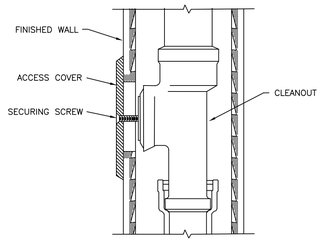
1 DETAIL - EXTERIOR CLEANOUT
NTS



2 DETAIL - 2-WAY EXTERIOR CLEANOUT
NTS

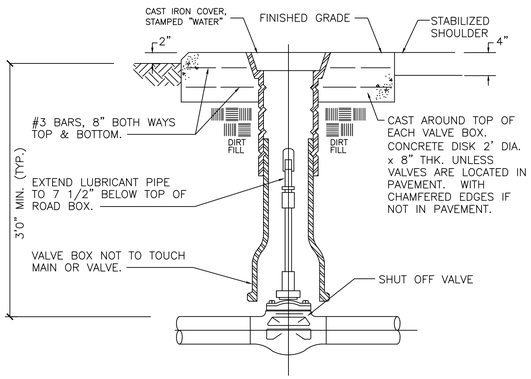


3 DETAIL - FLOOR CLEANOUT
NTS

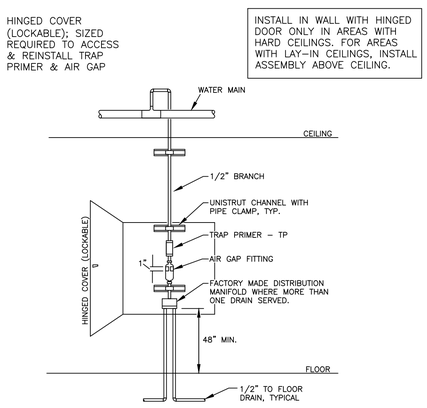


*ALL WALL MOUNTED PLUMBING FIXTURES (WASH STATIONS, WATER COOLERS, ET.) ARE TO HAVE 2" WALL CLEAN OUT WITH CHROME PLATED COVER AS TO CLEAN SANITARY SEWER BRANCH LINE OUT WITHOUT REMOVING FIXTURE.

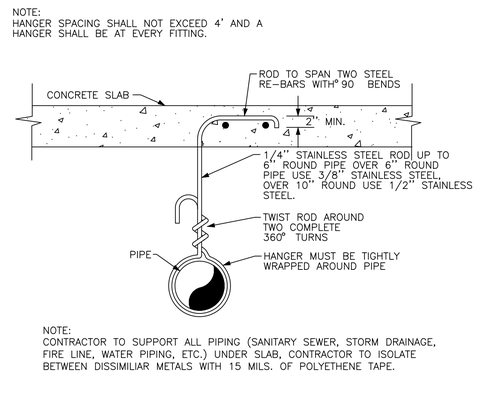
4 DETAIL - WALL CLEANOUT
NTS



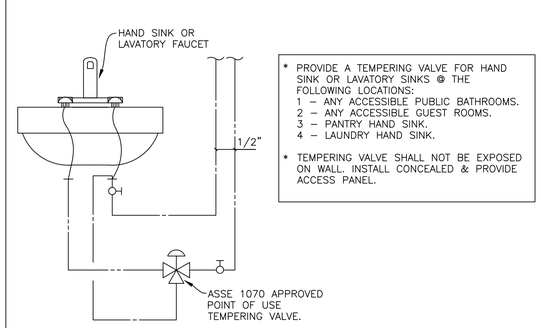
5 DETAIL - EXTERIOR WATER SHUT OFF VALVE
NTS



6 DETAIL - AUTOMATIC TRAP PRIMER
NTS



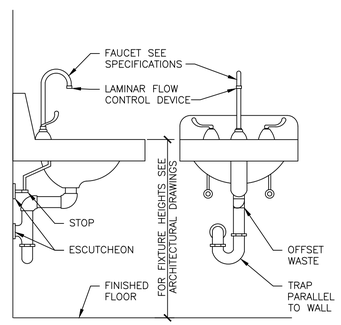
7 DETAIL - STAINLESS STEEL PIPE HANGERS
NTS



* PROVIDE A TEMPERING VALVE FOR HAND SINK OR LAVATORY SINKS @ THE FOLLOWING LOCATIONS:
1 – ANY ACCESSIBLE PUBLIC BATHROOMS.
2 – ANY ACCESSIBLE GUEST ROOMS.
3 – PANTRY HAND SINK.
4 – LAUNDRY HAND SINK.

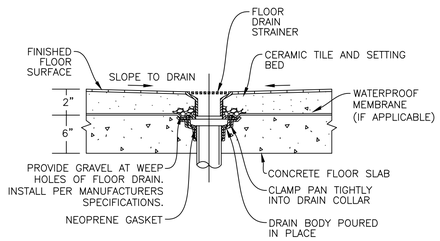
* TEMPERING VALVE SHALL NOT BE EXPOSED ON WALL. INSTALL CONCEALED & PROVIDE ACCESS PANEL.

8 DETAIL - TEMPERING VALVE INSTALLATION
NTS

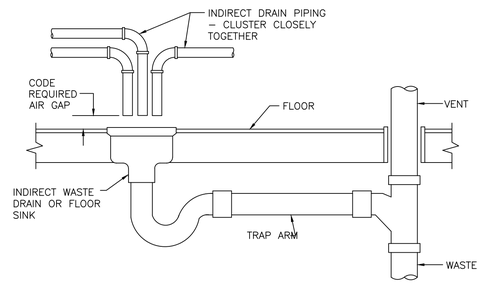


GENERAL NOTES:
1. PROVIDE OFFSET WASTE AT ALL ADA COMPLIANT LAVATORIES & SINKS.
2. LAVATORY SHOWN IN DETAIL, DETAIL TYPICAL OF BOTH LAVATORIES & SINKS.

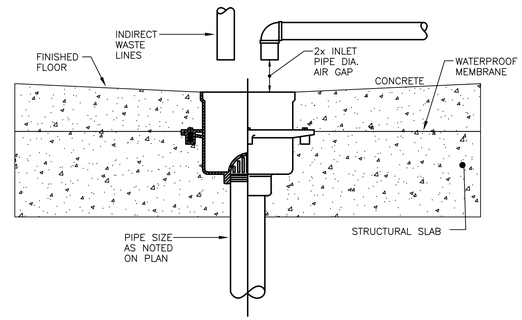
9 DETAIL - PLUMBING FIXTURE P-TRAP OFF-SET
NTS



10 DETAIL - FLOOR DRAIN INSTALLATION
NTS



11 DETAIL - INDIRECT WASTE
NTS



NOTE: INDIRECT WASTE PIPING EXCEEDING 5' IN LENGTH SHALL BE TRAPPED WITH THE EXCEPTION OF CLEAR WATER WASTES.

12 DETAIL - FLOOR SINK
NTS

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

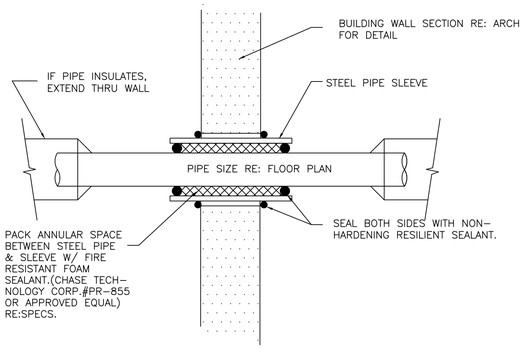
GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC.

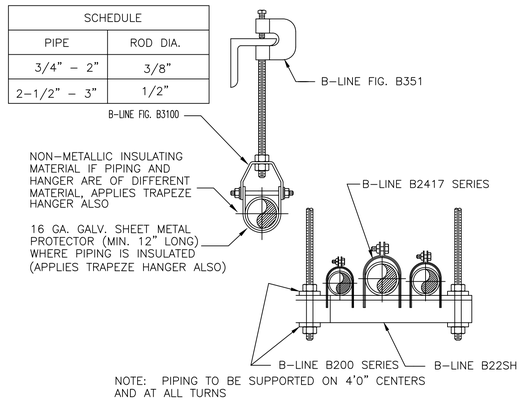
COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. P-5.1

EYRE ENGINEERING
PRINTED 8.29.2025



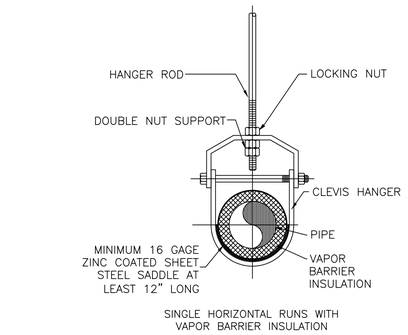
1 DETAIL - PIPE PENETRATION THRU WALL

NTS



2 DETAIL - PIPE SUPPORTS

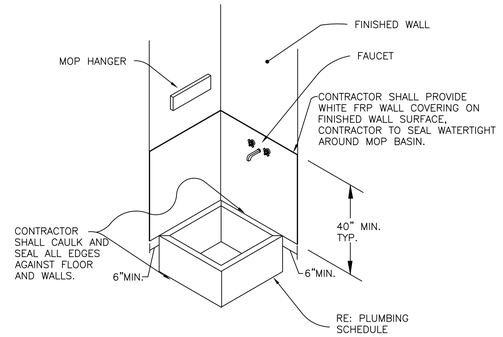
NTS



*DETAIL SIMILAR FOR ALL NON-INSULATED PIPING SYSTEMS.

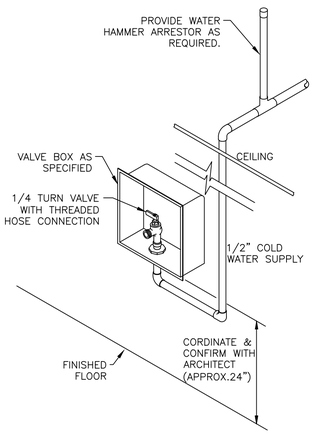
3 DETAIL - CLEVIS HANGER

NTS



4 DETAIL - MOP SINK

NTS



REFRIGERATOR & ICE MACHINE VALVE BOX (FIRE RATED)

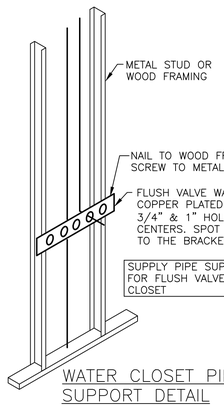
A. VALVE BOX SHALL BE FULLY RECESSED FLUSH MOUNTED TYPE CONSTRUCTED OF BULK MOLDING COMPOUND (BMC) WITH UL-CLASSIFIED INTUMESCENT PADS AND UL-CLASSIFIED FYREWRAP INSULATING MATERIAL. BOX TO BE 2 HOUR FIRE RATED. VALVE SHALL COMPLY WITH NSF/ANSI 372 (ANNEX G). VALVE TO BE LOW-LEAD TYPE. VALVE BOX TO HAVE NAIL SUPPORT BRACKETS WITH SCREW-ON FACEPLATE FRAME. VALVE TO BE 1/4 TURN. SUPPLY CONNECTION SHALL BE 1/2" COPPER SWEAT CONNECTION. PROVIDE WITH WATER HAMMER ARRESTOR (ASSE 1010 COMPLIANT).
B. MANUFACTURER: OATEY MODEL 38490, GUY GRAY MODEL 82417
C. PROVIDE WITH 1/2" X 1/4" O.D. TUBE, CHROME PLATED FIXTURE SUPPLY STOP. LEAVE 60" COIL OF 1/4" O.D. TYPE "K" SOFT COPPER FOR EQUIPMENT CONNECTION (CARBONATED BEVERAGE MACHINE TO BE CONNECTED WITH PLASTIC TUBING IN LIEU OF COPPER).
D. PROVIDE WITH WATTS SD3 IN-LINE BACK FLOW PREVENTER (ASSE 1022 COMPLIANT) ON SUPPLY TUBING TO EQUIPMENT. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
E. THE FOLLOWING INSTALLATION HEIGHTS ARE RECOMMENDATION ONLY, COORDINATE WITH A4RCHITECT ON ALL MOUNTING HEIGHTS PRIOR TO INSTALLATION:
E.A. FOR FREE STANDING REFRIGERATOR WITH ICE MAKER: INSTALL BOX AT 54" A.F.F.
E.B. FOR UNDER COUNTER REFRIGERATOR ICE MAKER:INSTALL BOX AT 18" A.F.F.

5 DETAIL - VALVE BOX (REFRIGERATOR/ICE MACHINE/COFFEE)

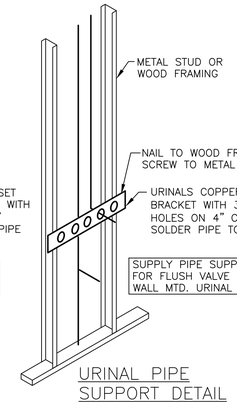
NTS

GENERAL NOTES:

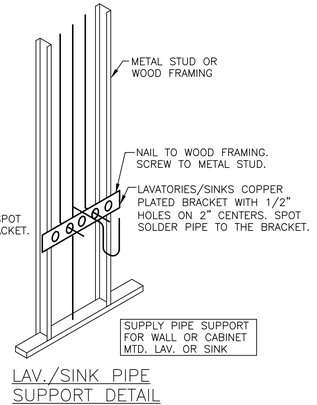
1. COPPER PLATED BRACKET SUPPORTS TO BE BY HOLDRITE OR PRIOR APPROVED EQUAL.
2. CONTRACTOR TO PROVIDE PIPE SUPPORTS FOR ALL DOMESTIC COLD/HOT WATER PIPING DROPS WITHIN WALLS TO FIXTURES/EQUIPMENT. PIPE CLAMP TO BE ANVIL CT-138R COPPER PLATED SPLIT TUBING CLAMP, PROVIDE 3/8" THREADED ROD AS REQUIRED TO NEAREST WALL FRAMING MEMBER, PROVIDE 3/8" FEMALE THREADED ROD ZINC-PLATED BASEPLATE (ANVIL 128R) FASTENED TO WALL FRAMING MEMBER. PROVIDE A MINIMUM OF ONE (1) SUPPORT ASSEMBLY AT EACH DROP IN ADDITION TO COPPER PLATED HOLDRITE SYSTEM.



WATER CLOSET PIPE SUPPORT DETAIL



URINAL PIPE SUPPORT DETAIL



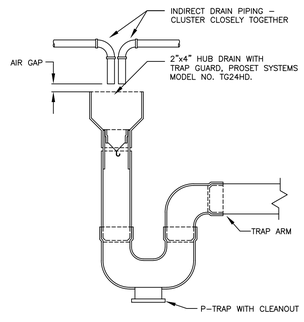
LAV./SINK PIPE SUPPORT DETAIL

6 DETAIL - VALVE BOX (REFRIGERATOR/ICE MACHINE/COFFEE)

NTS

GENERAL NOTES:

1. HUB DRAIN TO COME WITH PROTECTIVE CAP AND 2" TRAP GUARD BUILT IN TO HANDLE UP TO 12 GPM.
2. INSTALLATION TYPICAL TO ANY HUB DRAIN ASSEMBLY, PLASTIC OR CAST IRON PIPE.
3. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR ON EXACT INSTALLATION HEIGHT AS TO GRAVITY FLOW CONDENSATE DRAIN PIPING FROM EVAPORATOR COIL.
4. DO NOT CONTACT FLEXIBLE MATERIAL WITH PRIMER OR SOLVER CEMENT.
5. USE PROSET E-Z FLEX COUPLING CONNECTION FOR CAST IRON PIPING.
6. INSPECT TRAP GUARD FOR DEBRIS AND FLUSH WITH CLEAR, WARM WATER PRIOR TO JOB COMPLETION.
7. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION.



7 DETAIL - HUB DRAIN INSTALLATION

NTS

8 DETAIL - NOT USED

NTS

9 DETAIL - NOT USED

NTS

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY

NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, RECORDING, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33533, EYRE ENGINEERING, LLC

COPYRIGHT DATE: 08/29/25

REVISED:

DRAWN BY: JDC

CHECKED BY: HCEIII

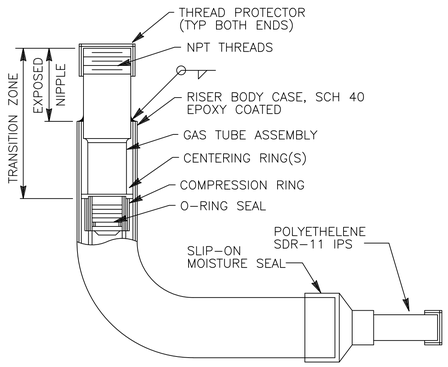
PROJECT NO. 2408

SHEET NO. P-5.2

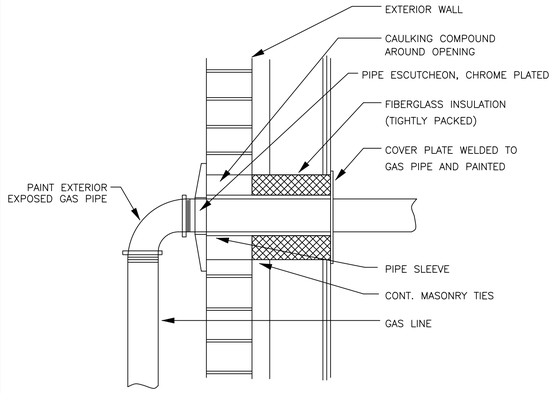
EYRE ENGINEERING

PRINTED 8-29-2025

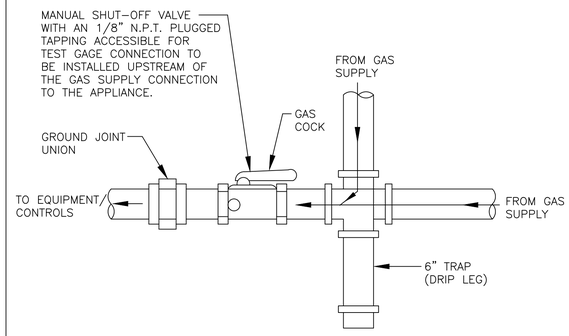
These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.



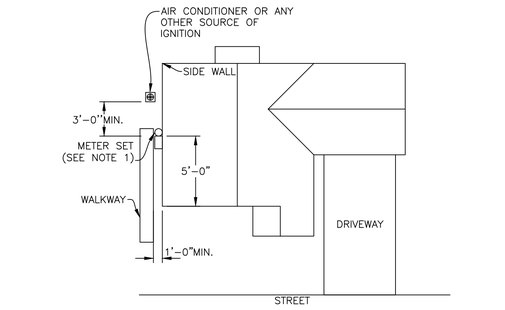
1 DETAIL - ANODELESS GAS METER RISER
NTS



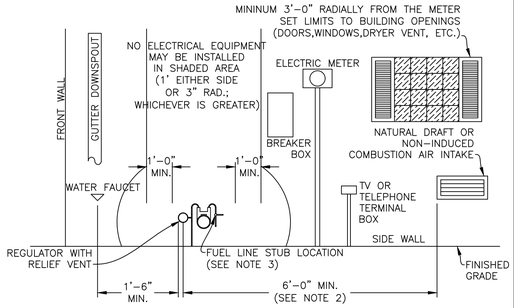
2 DETAIL - GAS PIPE ENTRY
NTS



3 DETAIL - GAS CONNECTION TO EQUIPMENT
NTS



TOP VIEW

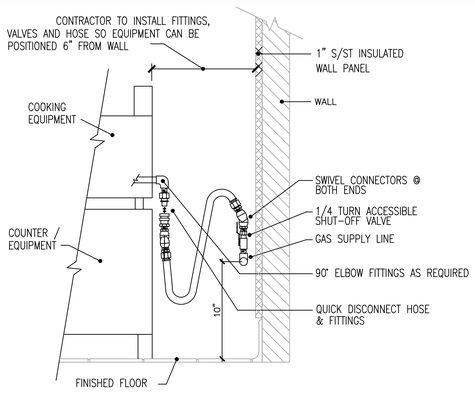


SIDE VIEW

NOTES:

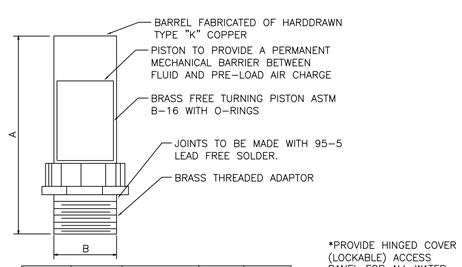
1. METER SET SHOULD BE INSTALLED ON SIDE OF BUILDING OPPOSITE THE DRIVEWAY.
2. THE MINIMUM CLEARANCE FOR A MECHANICALLY INDUCED COMBUSTION AIR INTAKE IS 20'.
3. THE FUEL LINE SHOULD TERMINATE 2'-0" ABOVE FINISHED GRADE (MUD LINE) AND PROJECT 2 INCHES FROM THE FINISHED WALL.
4. IF ANY OF THE ABOVE MENTIONED CLEARANCES CANNOT BE MET THE DETAILS SHOULD BE COORDINATED WITH A REPRESENTATIVE OF THE COMPANY.

7 DETAIL - GAS SERVICE INSTALLATION REQUIREMENTS
NTS



GENERAL NOTES:
1. PROVIDE FLEXIBLE GAS PIPING FOR ALL COOKING EQUIPMENT.
2. PROVIDE QUICK DISCONNECT FITTING, SUITABLE FOR USE WITH NATURAL GAS, AT EACH PIECE OF COOKING EQUIPMENT.
3. PROVIDE ADDITIONAL VENTLESS GAS REGULATORS AT EACH PIECE OF EQUIPMENT WHERE REQUIRED GAS PRESSURE IS LOWER THAN SUPPLIED GAS PRESSURE.

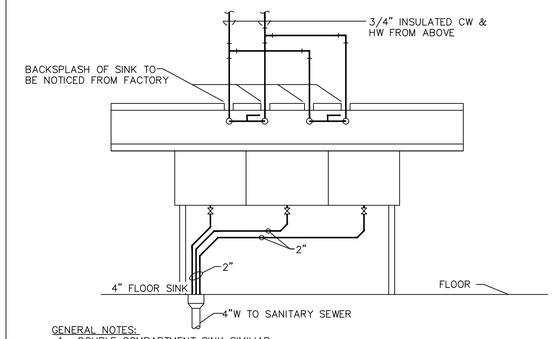
4 DETAIL - FLEX GAS PIPE QUICK DISCONNECT
NTS



SIZE	P.D.I. SYMBOL	FIXTURE UNIT RATINGS	A SIZE	B SIZE
1/2"	A	1 – 11	5"	1/2"
3/4"	B	12 – 32	5"	3/4"
1"	C	33 – 60	7"	1"
1-1/4"	D	61 – 113	7"	1-1/4"
1-1/2"	E	114 – 154	9"	1-1/2"
2"	F	155 – 330	9"	2"

*PROVIDE HINGED COVER (LOCKABLE) ACCESS PANEL FOR ALL WATER HAMMER ARRESTOR INSTALLED WITHIN INACCESSIBLE WALLS. COORDINATE LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.

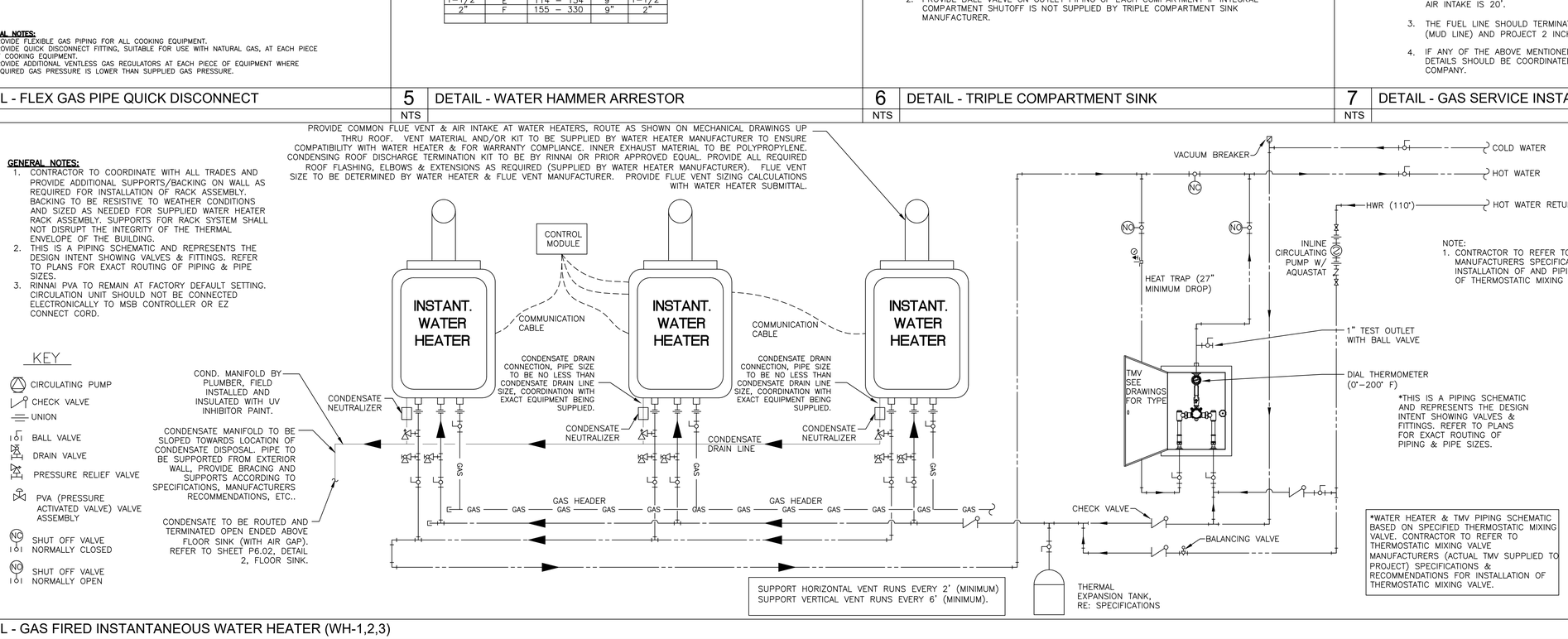
5 DETAIL - WATER HAMMER ARRESTOR
NTS



GENERAL NOTES:
1. DOUBLE COMPARTMENT SINK SIMILIAR.
2. PROVIDE BALL VALVE ON OUTLET PIPING OF EACH COMPARTMENT IF INTEGRAL COMPARTMENT SHUTOFF IS NOT SUPPLIED BY TRIPLE COMPARTMENT SINK MANUFACTURER.

6 DETAIL - TRIPLE COMPARTMENT SINK
NTS

GENERAL NOTES:
1. CONTRACTOR TO COORDINATE WITH ALL TRADES AND PROVIDE ADDITIONAL SUPPORTS/BACKING ON WALL AS REQUIRED FOR INSTALLATION OF RACK ASSEMBLY. BACKING TO BE RESISTIVE TO WEATHER CONDITIONS AND SIZED AS NEEDED FOR SUPPLIED WATER HEATER RACK ASSEMBLY. SUPPORTS FOR RACK SYSTEM SHALL NOT DISRUPT THE INTEGRITY OF THE THERMAL ENVELOPE OF THE BUILDING.
2. THIS IS A PIPING SCHEMATIC AND REPRESENTS THE DESIGN INTENT SHOWING VALVES & FITTINGS. REFER TO PLANS FOR EXACT ROUTING OF PIPING & PIPE SIZES.
3. RINNAI PVA TO REMAIN AT FACTORY DEFAULT SETTING. CIRCULATION UNIT SHOULD NOT BE CONNECTED ELECTRONICALLY TO MSB CONTROLLER OR EZ CONNECT CORD.



KEY
- CIRCULATING PUMP
- CHECK VALVE
- UNION
- BALL VALVE
- DRAIN VALVE
- PRESSURE RELIEF VALVE
- PVA (PRESSURE ACTIVATED VALVE) VALVE ASSEMBLY
- NC SHUT OFF VALVE NORMALLY CLOSED
- NO SHUT OFF VALVE NORMALLY OPEN

8 DETAIL - GAS FIRED INSTANTANEOUS WATER HEATER (WH-1,2,3)
NTS

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, PERMITTING, RECORDING, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT. HENRY C. EYRE III, LA#33333, EYRE ENGINEERING, LLC

COPYRIGHT DATE:
08/29/25

REVISED:

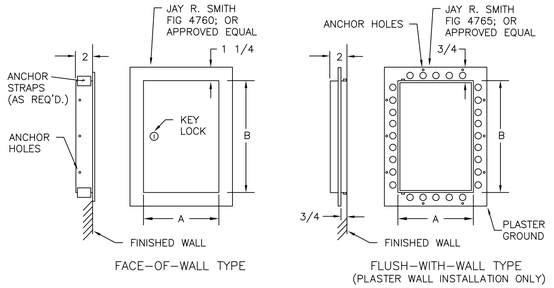
DRAWN BY:
JDC

CHECKED BY:
HCEIII

PROJECT NO.
2408

SHEET NO.
P-5.3

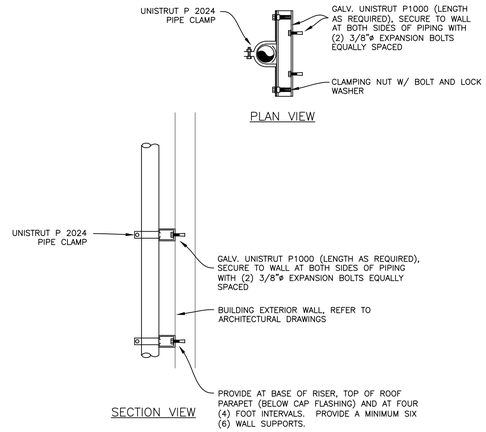
EYRE ENGINEERING
PRINTED 8-29-2025



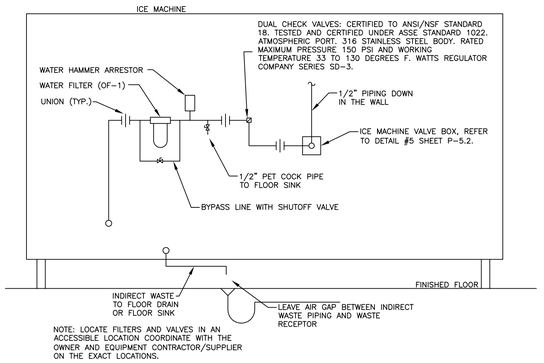
NOTES:

1. MINIMUM SIZE FOR WASTE PIPE CLEANOUT ACCESS DOOR = 12 X 16 ("A" X "B").
2. MINIMUM SIZE FOR DOMESTIC WATER VALVE ACCESS DOOR = 10 X 10 ("A" X "B").
3. ACCESS DOOR TO BE OF PRIME COATED STEEL, UNLESS OTHER WISE NOTED.

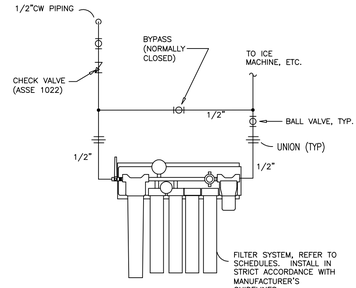
1 DETAIL - ACCESS DOOR TYP.
NTS



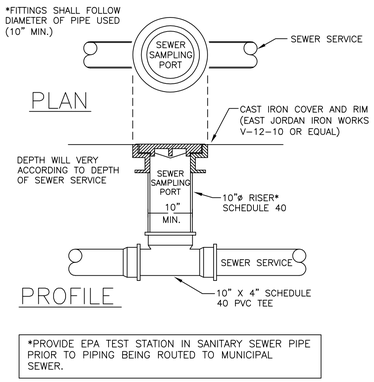
2 DETAIL - EXTERIOR WALL VERTICAL PIPE SUPPORT
NTS



3 DETAIL - ICE MACHINE PIPING SCHEMATIC
NTS



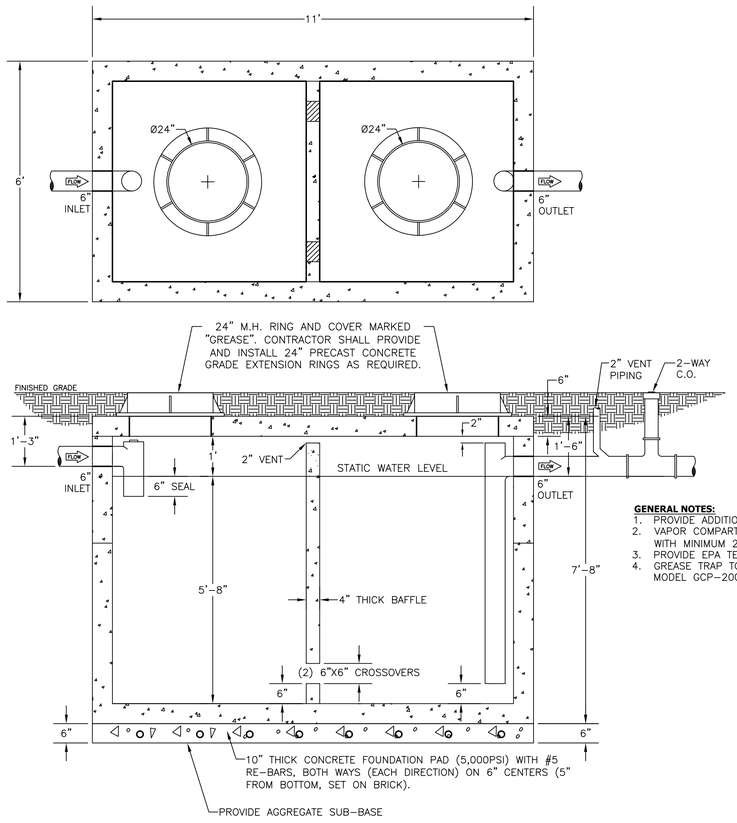
4 DETAIL - WATER FILTER INSTALLATION SCHEMATIC
NTS



*PROVIDE EPA TEST STATION IN SANITARY SEWER PIPE PRIOR TO PIPING BEING ROUTED TO MUNICIPAL SEWER.

5 DETAIL - EPA TEST TEE
NTS

6 DETAIL - NOT USED
NTS



GENERAL NOTES:

1. PROVIDE ADDITIONAL VENTS AS SHOWN ON PLANS.
2. VAPOR COMPARTMENT TO BE SEPERATED VENTS WITH MINIMUM 2" VENT.
3. PROVIDE EPA TEST STAION AS SHOWS ON PLANS.
4. GREASE TRAP TO BE GAINEYS CONCRETE PRODUCTS MODEL GCP-2000GT OR PRIOR APPROVED EQUAL.

SPECIFICATIONS:

CONCRETE:	CLASS 1 CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL. BAFFLE IS SLIDE IN TYPE.
REINFORCEMENT:	GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A-615 ON REQUIRED CENTERS.
C.I. CASTINGS:	CAST IRON RING & COVER SHALL BE NOMINAL 24" AND TRAFFC DUTY
LINING:	PROVIDE COLD TAR EPOXY COATING (CARBOLINE BITUMASTIC 300M)

ENGINEERING DATA:

GREASE TRAP IS STRUCTURALLY AND HYDRAULICALLY ENGINEERED CONFORMING TO LOUISIANA DEPARTMENT OF HEALTH & HOSPITALS PLUMBING CODE. NOMINAL LIQUID CAPACITY AS INDICATED ON PLAN.

FIELD EXCAVATION AND PREPARATION SHALL BE COMPLETED PRIOR TO DELIVERY OF GREASE TRAP. USE DIMENSIONAL DATA AS SHOWN.

7 DETAIL - 2,000 GALLON CONCRETE GREASE TRAP
NTS

8 DETAIL - NOT USED
NTS

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT SHALL NOT BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OR ASSISTING IN THE EYRE, LLC LA#33333. EYRE ENGINEERING, LLC.

COPYRIGHT DATE: 08/29/25
REVISED:
DRAWN BY: JDC
CHECKED BY: HCEIII
PROJECT NO. 2408
SHEET NO. P-5.4

EYRE ENGINEERING
PRINTED 9.2.2025

DESIGN DEVELOPMENT
8/30/25

SYMBOL SCHEDULE (APPLIES TO ALL SHEETS)

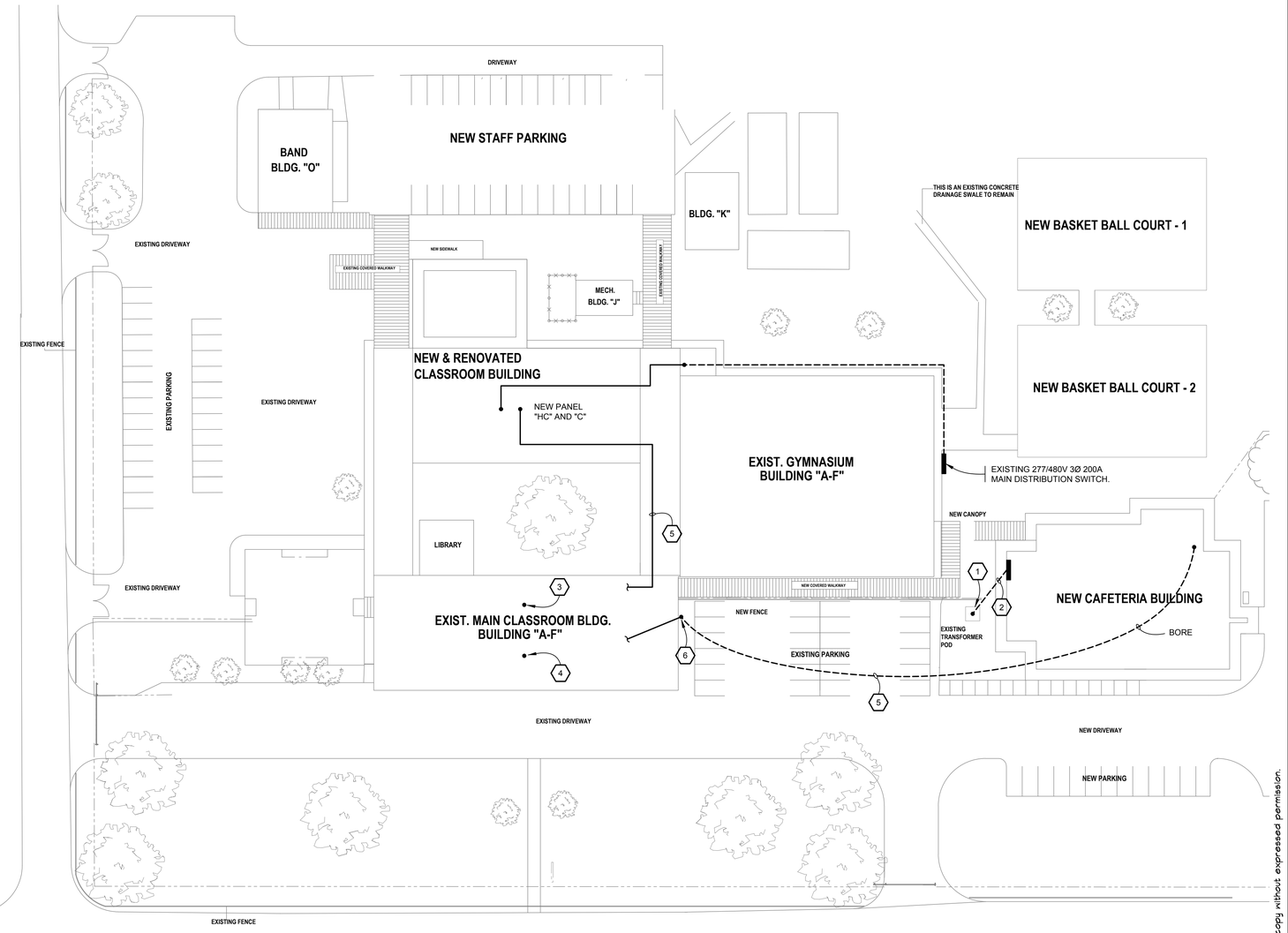
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" AFF IVORY IN COLOR, UNLESS OTHERWISE NOTED.
	SPECIAL PURPOSE RECEPTACLE, AS NOTED
	QUADRUPLEX OUTLET NEMA 5-20R MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
C	COMPUTER OUTLET 18" AFF UNLESS OTHERWISE NOTED STUB AND TURN INTO ACCESSIBLE CEILING WITH 1" C. TYPICAL. UNLESS INDICATED OTHERWISE. REFER TO COMM RISER FOR ADDITIONAL REQUIREMENTS.
	PANELBOARD, FLUSH MOUNTED UNLESS INDICATED OTHERWISE.
J	J-BOX
	ELECTRIC MOTOR.
	DISCONNECT SWITCH.
	LIGHTING FIXTURE, AS NOTED.
	LIGHTING STRIP FIXTURE
	LIGHTING FIXTURE, AS NOTED.
	WALL MOUNTED LIGHTING FIXTURE
	RECESSED DOWNLIGHT
	WALL MOUNTED LIGHTING FIXTURE.
	EXIT LIGHT
	EXIT LIGHT, WALL MOUNTED
	EMERGENCY LIGHT
$	TOGGLE SWITCH, MTD. 46" AFF TO CENTER
$3	THREE-WAY SWITCH, MTD. 46" AFF TO CENTER
$4	FOUR-WAY SWITCH, MTD. 46" AFF TO CENTER.
$D	DIMMER SWITCH.
$K	KEYED SWITCH
$M	MOTOR RATED TOGGLE SWITCH WITH THERMAL PROTECTION.
$P	SWITCH WITH PILOT LIGHT
	OCCUPANCY SENSOR SWITCH.
OS	CEILING MTD. OCCUPANCY SENSOR AND ASSOCIATED POWER PACK.
	INDIVIDUAL CIRCUIT RUN DIRECTLY TO PANEL FROM THIS POINT. (DO NOT COMBINE HOMERUNS).
	CONDUIT CONCEALED IN WALL OR CEILING.
	CONDUIT RUN BELOW FLOOR OR SLAB.
CT	COUNTERTOP: MTD. 4" CL ABOVE COUNTER BACKSPLASH. MOUNTED HORIZONTALLY.
WP	WATERPROOF
GFI	GROUND FAULT CIRCUIT INTERRUPTER WEATHER RESISTANT TYPE DEVICE WHERE LOCATED IN DAMP OR WET LOCATIONS.
FDS	FUSED DISCONNECT SWITCH
VOJ	VERIFY ON JOB.
CU	COPPER
AFF	ABOVE FINISHED FLOOR.
NFS	NON-FUSED SWITCH.
MTD	MOUNTED
IG	ISOLATED GROUND DEVICE.
TYP	TYPICAL
RGS	RIGID GALVANIZED STEEL
FHY	FIRE ALARM HORN/STROBE 80" AFF TO BOTTOM OR 6" BELOW CEILING, WHICHEVER IS LESS.
FAV	FIRE ALARM SPEAKER STROBE 80" AFF TO BOTTOM OR 6" BELOW CEILING, WHICHEVER IS LESS. UNLESS OTHERWISE NOTED.
FMS	FIRE ALARM PULL STATION, 46" AFF
FS	SMOKE DETECTOR, CEILING MOUNTED.
FDD	FIRE ALARM DUCT DETECTOR, INTERLOCK WITH FAN SHUT DOWN.
FV	FIRE ALARM STROBE 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LESS.
FDH	MAGNETIC DOOR HOLD OPEN DEVICE CONNECTED TO FIRE ALARM SYSTEM. WALL MOUNTED.
FT	HEAT DETECTOR CEILING MOUNTED
TS	SPRINKLER TAMPER SWITCH
FS	SPRINKLER FLOW SWITCH
PS	SPRINKLER PRESSURE SWITCH
FACP	FIRE ALARM CONTROL PANEL, FLUSH MOUNTED.
FAAP	FIRE ALARM ANNUNCIATOR PANEL, FLUSH MOUNTED.
D	DOOR/ WINDOW CONTACT, CONCEALED. PROVIDE WITH CONTROL WIRING IN 3/4"C TO ABOVE SUSPENDED CEILING.
S	8" CEILING MOUNTED PAGING SPEAKER.
S	SPEAKER, WALL MOUNTED
I	INTERCOM STATION
M	MICROPHONE OUTLET
	EXTERIOR TRUMPET WP, MINIMUM 15 WATT.
	WIREWAY WITH INDIVIDUAL DISCONNECTS.
PB	PUSH BUTTON
P	PHOTO-CELL
SP	SWITCH PACK
	PARKING LOT POLE LIGHT
M	MOTION DETECTOR
MD	MOTORIZED DAMPER (CONNECT TO NEARBY 120V).
AP	WIRELESS ACCESS POINT. REFER TO COMM RISER FOR ADDITIONAL REQUIREMENTS.

SYMBOL	DESCRIPTION
	CAMERA. REFER TO COMM RISER FOR ADDITIONAL REQUIREMENTS.
KP	FUTURE, KEYPAD, PROVIDE 3/4"C TO ABOVE ACCESSIBLE CEILING AND BOX AT 48" AFF, STAINLESS STEEL COVERPLATE
E	ELECTRIC STRIKE BY DIV 08. PROVIDE 120V TO UNIT.

GENERAL NOTES: (APPLIES TO ALL SHEETS)

1. ALL CONDUCTORS SHALL BE COPPER.
2. ALL WIRING SHALL BE IN CONDUIT, UNLESS SPECIFICALLY INDICATED OTHERWISE.
3. NO MORE THAN THREE PHASE (HOT) CONDUCTORS SHALL BE RUN IN A SINGLE RACEWAY. WHERE MORE THAN THREE (3) CURRENT CARRYING CONDUCTORS ARE IN A SINGLE RACEWAY (PHASE PLUS NEUTRALS), THESE CONDUCTORS SHALL BE DERATED IN ACCORDANCE WITH NEC TABLE 310.15 (B) (2) (a).
4. MAXIMUM LENGTH OF FIXTURE WHIPS SHALL BE 6'-0".
5. MC CABLE IS NOT AN APPROVED WIRING METHOD.
6. PVC CONDUIT SHALL NOT BE USED ABOVE GRADE. TRANSITION FROM PVC TO RIGID 6" BELOW SLAB. PENETRATE SLAB WITH RIGID CONDUIT A MINIMUM OF 3".
7. NO CONDUIT SHALL BE RUN IN SLABS.
8. CONTRACTOR SHALL HANG ALL FIXTURES FROM STRUCTURE WITH MINIMUM OF TWO HANGERS.
9. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO EXAMINE EXISTING CONDITIONS, SAME SHALL BE CONSIDERED IN BID. CONTRACTOR SHALL INFORM THIS OFFICE PRIOR TO LAST ADDENDUM IN THE EVENT THAT EXISTING CONDITIONS HINDER WORK CALLED FOR ON DRAWINGS.
10. CONTRACTOR SHALL CUT AND PATCH OR BORE UNDER ALL EXISTING SIDEWALKS, DRIVEWAYS, ETC. AS NEEDED FOR NEW CONDUIT INSTALLATION.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ELECTRICAL BREAKER SIZES WITH ACTUAL MECHANICAL EQUIPMENT BEING INSTALLED. DO NOT REDUCE CONDUIT AND CONDUCTOR SIZES FOR MECHANICAL EQUIPMENT ACTUALLY BEING INSTALLED.
12. ALL EMPTY CONDUITS SHALL INCLUDE PULLSTRING FOR FUTURE.
13. ALL COMMUNICATIONS, FIRE ALARM AND INTERCOM CABLING BEING INSTALLED OUTDOORS SHALL BE RATED FOR WET LOCATIONS. ALL FIRE ALARM STROBES SHALL BE SYNCHRONIZED.
14. CONTRACTOR SHALL CONTACT ALL UTILITIES PRIOR TO BID AND OBTAIN ANY CHARGES FOR SERVICES OUTLINED. ALL COST SHALL BE INCLUDED IN BID.
15. PLANS AND SPECIFICATIONS SHALL BE CONSIDERED MINIMUM STANDARDS.
16. ALL CIRCUITS SHALL CONTAIN AN INSULATED GROUND CONDUCTOR IN ADDITION TO PHASE AND NEUTRAL CONDUCTORS INDICATED ON PLANS AND IN PANEL SCHEDULES.
17. ALL CONDUIT ON EXTERIOR OF BUILDING SHALL BE RIGID GALVANIZED STEEL.
18. NON-METALLIC FLEXIBLE CONDUIT IS NOT AN APPROVED WIRING METHOD.
19. ALL SWITCHES AND RECEPTACLES SHALL BE RATED 20 AMPS MINIMUM.
20. MINIMUM CONDUIT SIZE SHALL BE 1/2".
21. MINIMUM WIRE SIZE SHALL BE #12.
22. ALL ELECTRICAL WORK SHALL BE DONE BY QUALIFIED LICENSED ELECTRICIANS.
23. DO NOT COMBINE HOMERUNS, MULTIPLE HOTS IN A SINGLE JUNCTION BOX, OR DEVICE SHALL BE ON A SIMULTANEOUS DISCONNECTING HANDLE TIE OR COMMON TRIP BREAKER.
24. CIRCUIT DIRECTORY: EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OF USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS. SPARE POSITIONS SHALL BE DESCRIBED ACCORDINGLY AS PER NEC SECTION 408.4.
25. CONTRACTOR SHALL REVIEW THE ENTIRE SPECIFICATIONS/ PROJECT FOR ADDITIONAL REQUIREMENTS DETAILED IN OTHER DIVISIONS SECTIONS (INCLUDING BUT NOT LIMITED TO FOOD SERVICE, DOOR HARDWARE, SEWER TREATMENT AND DIVISION 15).
26. SECURE RACEWAY TO REINFORCING RODS TO PREVENT SAGGING/ SHIFTING USING STAINLESS STEEL STRAPS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND SIZE OF ALL EXISTING UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO EXCAVATION AND SHALL BE LIABLE FOR ANY DAMAGES CAUSED. ALL REPAIRS SHALL BE COMPLETED BY THE APPROPRIATE LICENSED CONTRACTOR.
28. CONTRACTOR TO PROVIDE PERMANENT MARKING OF PHASE ROTATION AT MAIN SERVICE INTERIOR PANEL.
29. CONTRACTOR TO USE MYERS HUB CONNECTORS AT ALL EXTERIOR PANELBOARDS, DISCONNECTS, CABINETS, JUNCTION BOXES, TROUGHS, ETC. PENETRATIONS (INCLUDING SIDE PENETRATIONS).

NOT ALL SYMBOLS APPLY TO EVERY PROJECT. ALL DIMENSIONS TO MIDDLE OF DEVICE, UNLESS INDICATED OTHERWISE ON FLOOR PLAN.



KEYNOTES:

1. EXISTING 277/480V 3Ø TRANSFORMER WITH METER.
2. NEW SECONDARY SERVICE TO "MDP".
3. EXISTING MIRCOM FX-2000 VOICE EVAC FIRE ALARM PANEL.
4. EXISTING BOGEN MULTICOM INTERCOM SYSTEM.
5. DATA INTERCOM AND FIRE ALARM CONDUITS (3-2"C) TO MAIN BUILDING.
6. RISE UP WALL AND EXTEND TO HEAD END/MDF.

ELECTRICAL SITE PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1"=40'-0"

0 20 40 80 FT

LA One Call 811

TA 2025530

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844,
Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: B.B.

CHECKED BY: A.D.

PROJECT NO. 2408

SHEET NO. E-1.0

DESIGN DEVELOPMENT
8/30/25



CAFETERIA LIGHTING PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE: 1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844,
Thomassee and Associates, LLC.

COPYRIGHT DATE:
08/30/25

REVISED:

DRAWN BY:
B.B.

CHECKED BY:
A.D.

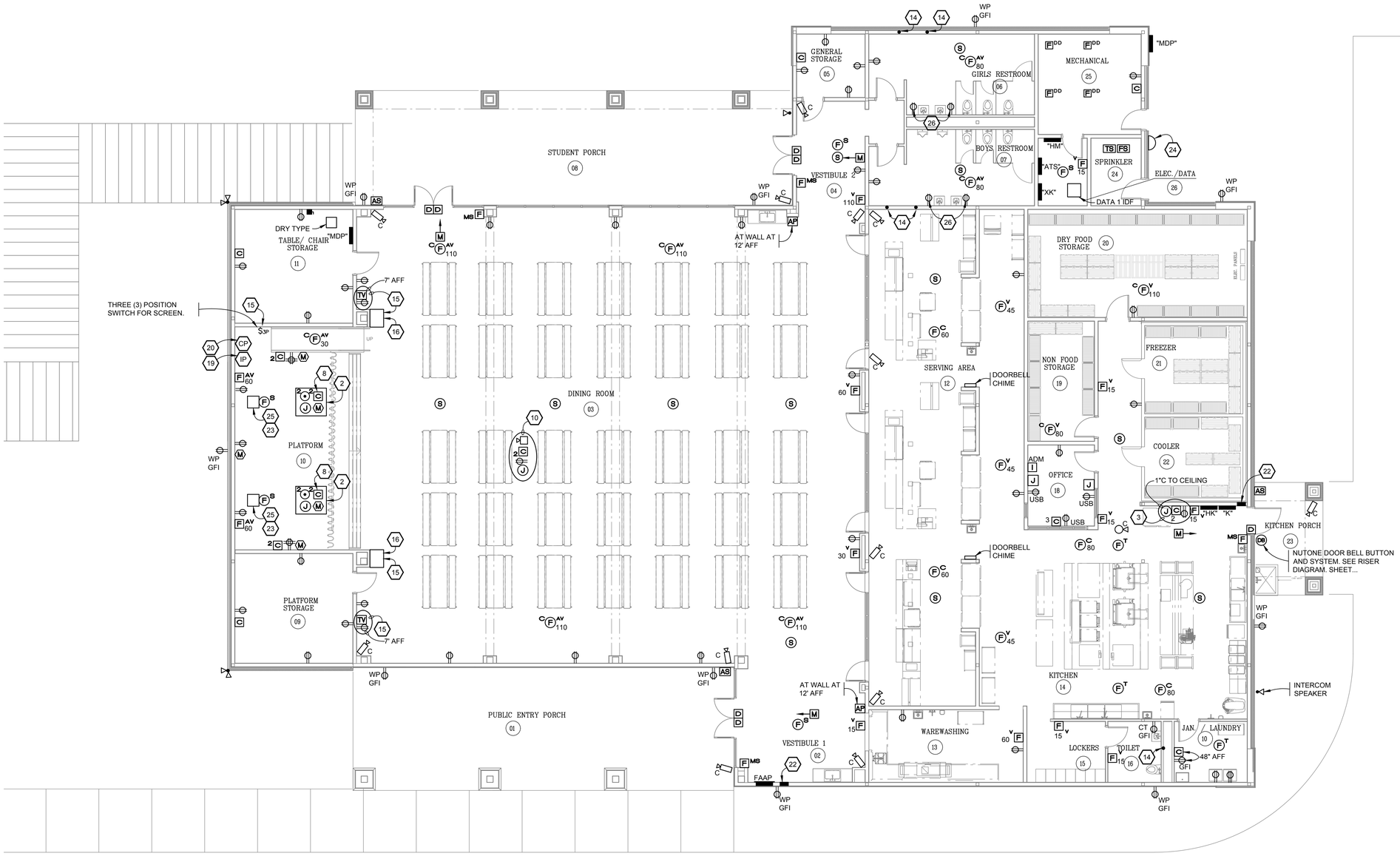
PROJECT NO.
2408

SHEET NO.
E-2.0

TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

DESIGN DEVELOPMENT
8/30/25



KEYNOTES:

1. ALL HAND WASH UNITS SHALL BE GFI PROTECTED. TYPICAL. VERIFY ROUGH-IN IN REQUIREMENTS WITH SINK SUPPLIER.
2. RFB SERIES FLOOR BOX BY WIREMOLD. CAST IRON TYPE FOR INSTALLATION IN CONCRETE STAGE FLOOR. PROVIDE WITH FLANGE COVER PLATE. PROVIDE WITH COMPONENTS PER PLANS.
3. MOUNTED AT 48" AFF.
4. SECURITY SYSTEM.
5. 4'x4'x3/4" PLYWOOD BACKBOARD WITH #6 CU TO BUILDING GROUND.
6. VERIFY LOCATION WITH ENGINEER PRIOR TO ROUGH-IN FOR OWNER PROJECTOR SCREEN.
7. ROUTE DATA CABLING TO NEAREST WALL.
8. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
9. 1"C WITH CABLES TO RM D101 SOUND SYSTEM.
10. VERIFY LOCATION PRIOR TO ROUGH-IN TO COORDINATE WITH OWNER PROJECTOR.
11. L6-30 FOR OWNER UPS.
12. FIRE ALARM POWER SUPPLY.
13. INTERCOM NODE FOR THIS BUILDING.
14. ADA COMPLIANT HAND DRYER SURFACE MOUNTED AT HEIGHT AS INDICATED BY ARCHITECT DURING CONSTRUCTION. BRADLEY SERIES 2902-2874 OR PRIOR APPROVED EQUAL. PROVIDE WITH 1/16" THICK STAINLESS STEEL COVER WITH SATIN FINISH, ALUMINUM BASE PLATE, FULLY ADJUSTABLE (2'-8") INFRARED SENSOR POTENTIOMETER AND FULLY ADJUSTABLE (3800-8200) RPM UNIVERSAL TYPE MOTOR POTENTIOMETER WITH RESILIENT MOUNTS AND SEALED, LUBRICATED BALL BEARINGS. DRYER POWER SHALL BE 120V 1150 WATTS 9.6 AMPS. OVERALL DIMENSIONS 10.5"H x 11.5W x 4"D.
15. VERIFY LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
16. WALL MOUNTED SPEAKER. SEE RISER DIAGRAM.
17. SOUND BOARD.
18. MICROPHONE JACK TYPICAL. SEE RISER DIAGRAM.
19. I POD INPUT JACK TYPICAL. SEE RISER DIAGRAM.
20. CD INPUT JACK TYPICAL. SEE RISER DIAGRAM.
21. SOUND RACK.
22. SECURITY SYSTEM KEYPAD. SEE RISER.
23. 24V DC ACTIVATOR. PROVIDE TRANSFORMER AS NEEDED TO INTERCONNECT TO FIRE ALARM AND ACTIVATE SMOKE HATCH.
24. ALARM BELL BY SPRINKLER CONTRACTOR. INTERCONNECT TO FIRE ALARM SYSTEM.
25. TWO (2) SMOKE HATCHES. SEE MECH. PLANS. VOJ. ELECTRICAL CONTRACTOR TO INTERCONNECT TO FIRE ALARM.
26. VERIFY RECEPTACLE MOUNTING HEIGHT OF ELECTRIC WATER COOLER / HAND WASH WITH MECH / PLUMBING CONTRACTOR PRIOR TO WORK. TYPICAL.

CAFETERIA POWER PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit. Angie Dore' LA32844, Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: B.B.

CHECKED BY: A.D.

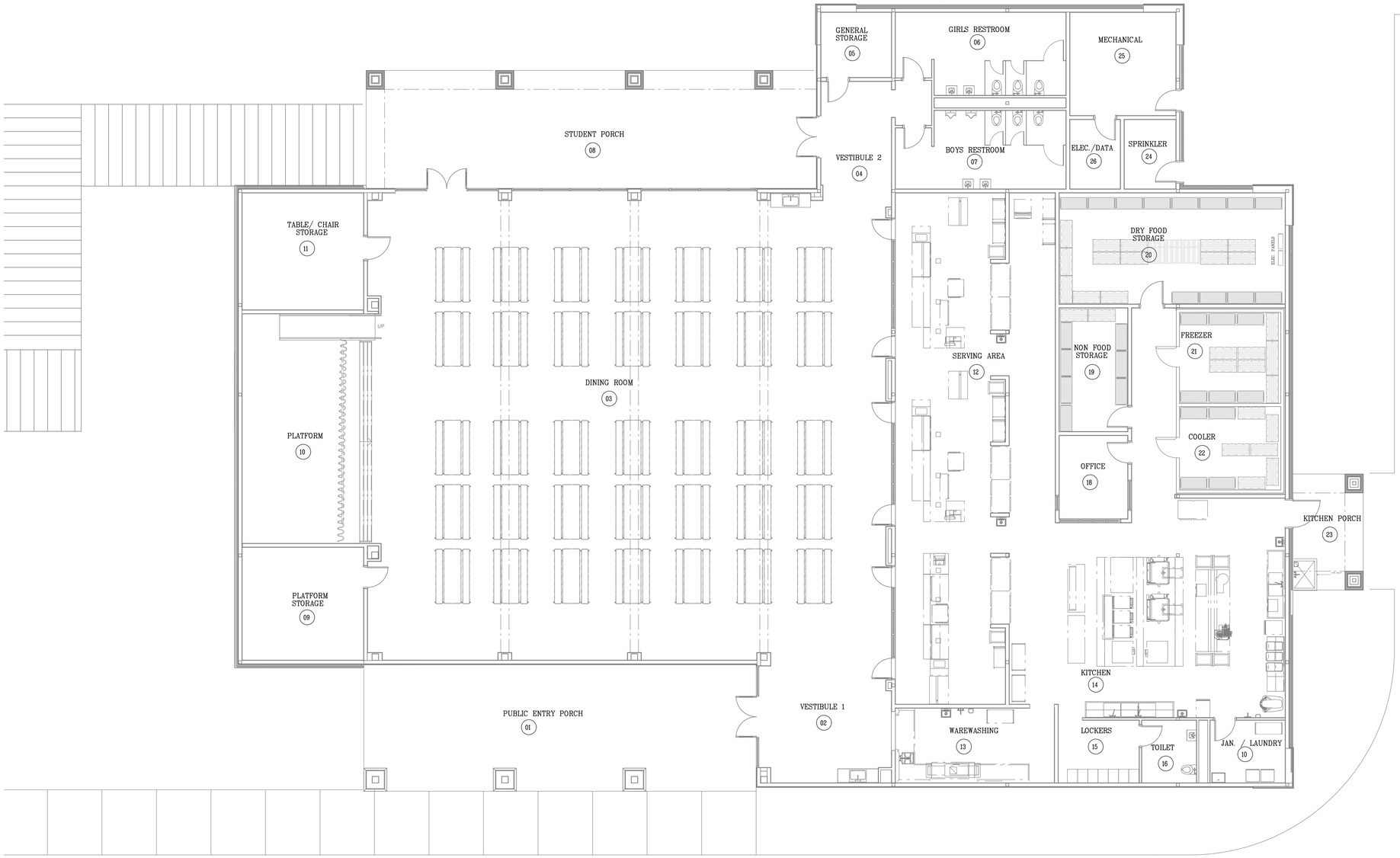
PROJECT NO. 2408

SHEET NO. E-2.1

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

DESIGN DEVELOPMENT
8/30/25



CAFETERIA SPECIAL SYSTEMS PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844
Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25

REVISED:

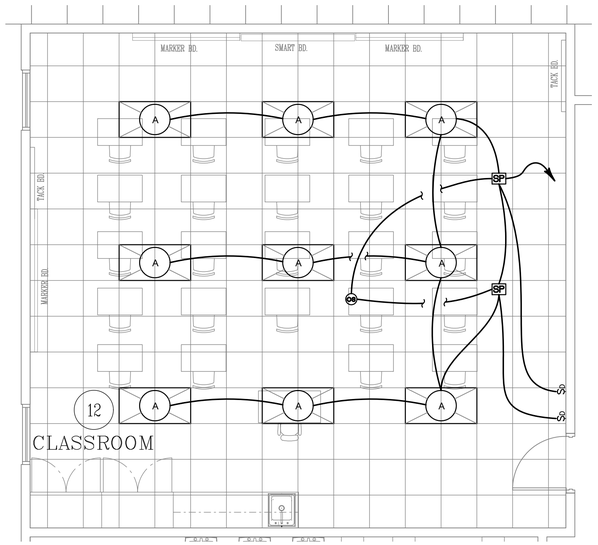
DRAWN BY: B.B.

CHECKED BY: A.D.

PROJECT NO. 2408

SHEET NO. E-2.2

DESIGN DEVELOPMENT
8/30/25



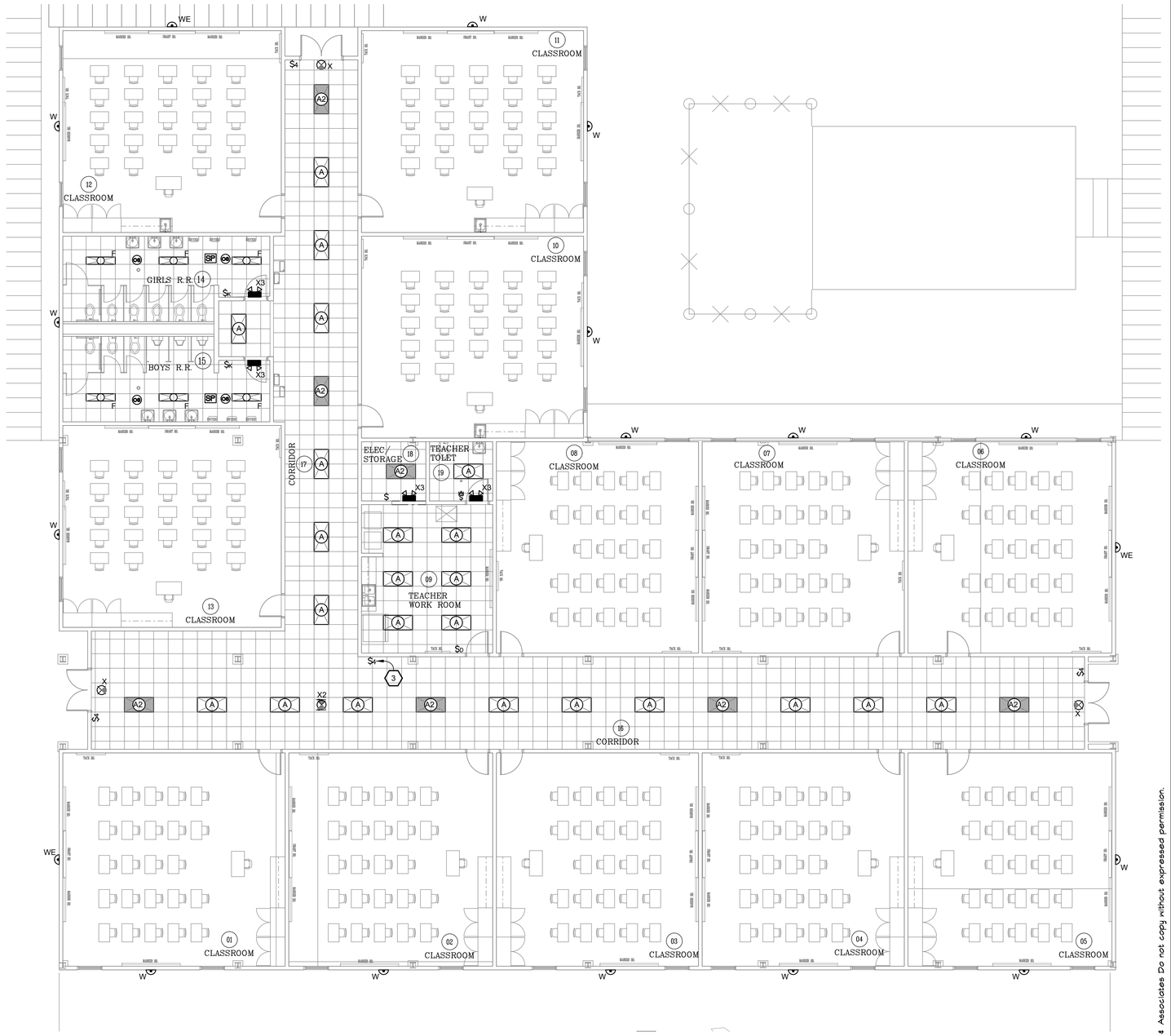
ENLARGED CLASSROOM. (TYPICAL)

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/4" = 1'-0"

0 2 4 8 FT

KEYNOTES:

1. LED DIMMER AND ASSOCIATED OCCUPANCY SENSOR / POWER PACK BY CONTRACTOR. TYPICAL.
2. UNSWITCHED (TYPICAL).
3. TO CONTROL LIGHTING IN HALLWAY.
4. PROVIDE UNSWITCHED HOT CONDUCTOR TO BATTERY.
5. NOT USED.
6. PART OF CIRCUIT SA-62.
7. COORDINATE LIGHTING LAYOUT AS NOT TO CONFLICT WITH DUCTWORK.



CLASSROOM LIGHTING PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844
Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: B.B.

CHECKED BY: A.D.

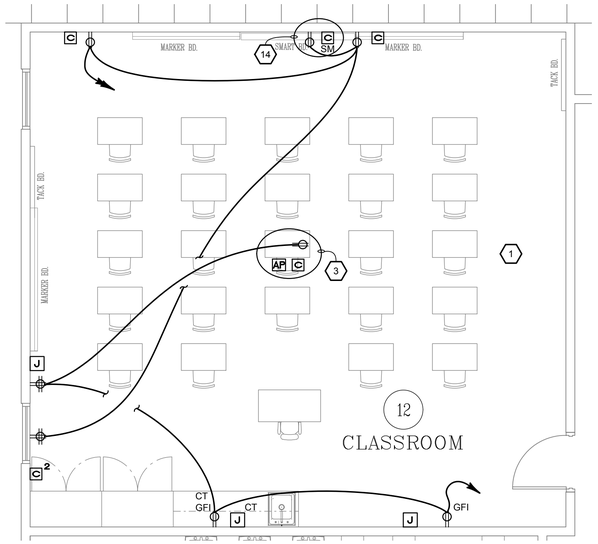
PROJECT NO. 2408

SHEET NO. E-3.0

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permision.

DESIGN DEVELOPMENT
8/30/25



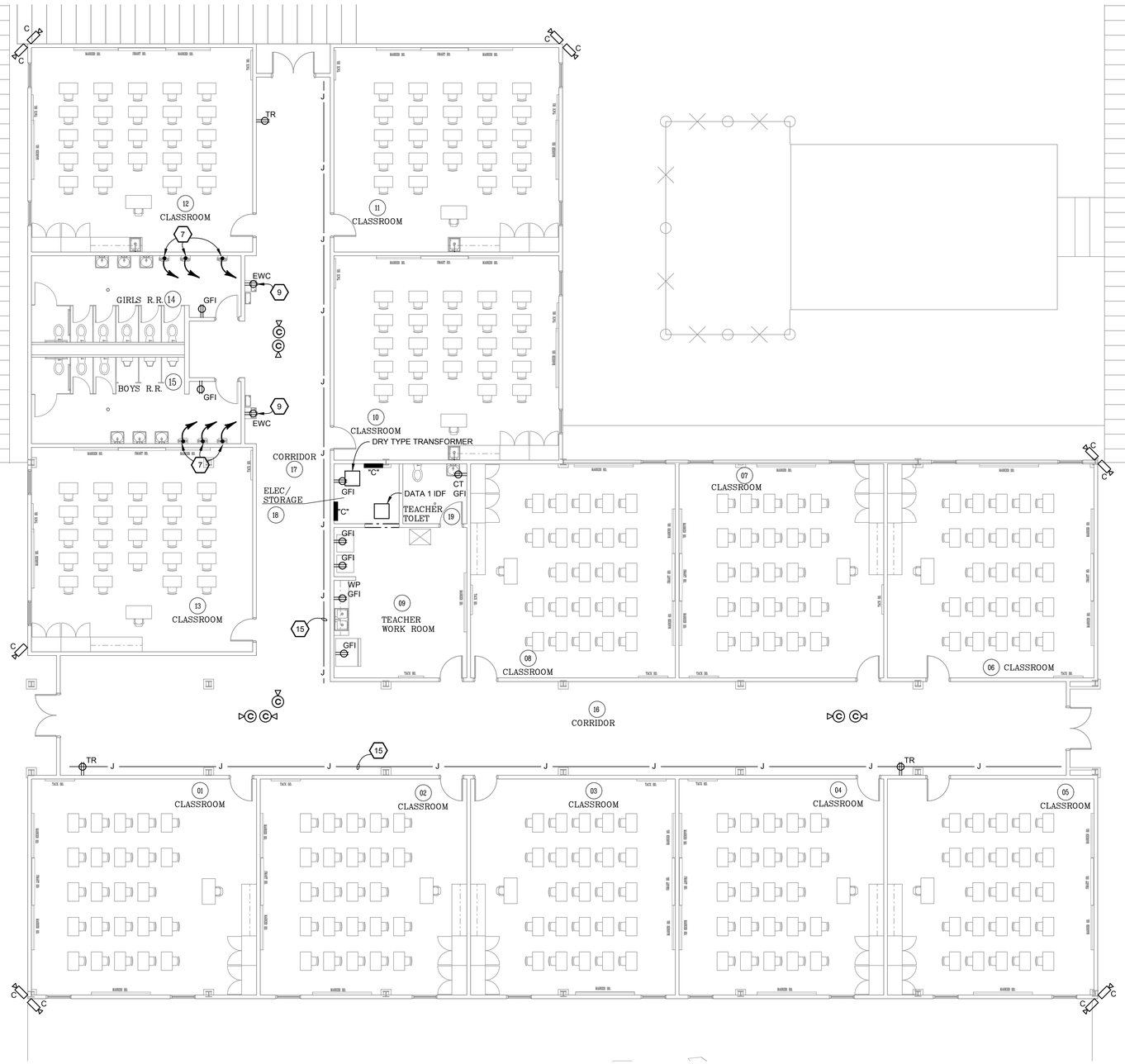
ENLARGED CLASSROOM. (TYPICAL)

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/4" = 1'-0"

0 2 4 8 FT

POWER - SPECIAL SYSTEMS POWER NOTES

1. ALL RECEPTACLES BELOW 60" SHALL BE TAMPER RESISTANT TYPE.
2. 2-4'X8' X 3/4" PLYWOOD BACKBOARDS THIS ROOM.
3. VERIFY LOCATION PRIOR TO ROUGH-IN. PROVIDE DUPLEX RECEPTACLE (WHILE FINISH) IN CEILING. PROVIDE 6' MC CABLE WHIP AT DEVISE. COORDINATE EXACT LAYOUT WITH LIGHTING/ A/C GRILLS.
4. INTERCOM STATION AT 48" AFF WITH SPEAKER IN CEILING COORDINATE WITH LIGHTING LAYOUT.
5. NOT USED
6. FIRE ALARM CONTROL PANEL (FLUSH MTD).
7. HAND DRYER PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. EXCEL MODEL XL-SB-ECO WITH ADA COMPLIANT RECESS KIT #40502. VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN.
8. INTERCOM HEAD END RACK.
9. COORDINATE ROUGH-IN WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
10. REFER TO EACH ARCH ELEVATION SHEET FOR LOCATION OF TV DISPLAY.
11. FLUSH MOUNT FIRE ALARM ANNUNCIATOR PANEL.
12. ONE (1) 208V 30A RECEPTACLE, 1-20 AMP RECEPTACLE THIS AREA. FOR DATA RACK.
13. LOCATE AT DEFIBRILLATOR.
14. VERIFY HEIGHT WITH OWNER TO COORDINATE WITH SMART BOARD MOUNTING. IN ADDITION TO DUPLEX RECEPTACLE AND DATA DROP, PROVIDE 1 1/4"C ACCESSIBLE CEILING AND JUNCTION BOX. SEE CLASSROOM ELEVATION DETAIL.
15. PROVIDE 3" J-HOOKS 6' ON CENTER 12" ABOVE CEILING FOR LOW VOLTAGE CABLING.
16. SEE DOOR ACCESS CONTROL RISER DIAGRAMS FOR ADDITIONAL REQUIREMENTS. TYPICAL.
17. FUTURE ACCESS CONTROL PANEL.
18. SEE E3.0 FOR ENLARGED PLAN THIS ROOM.
19. CONNECT TO ADJACENT 120V RECEPTACLE.
20. CONNECT SPRINKLER BELL TO FIRE ALARM SYSTEM.
21. PUSH BUTTON (ROUGH IN) AT 48"AFF FOR FUTURE CONNECTION TO ACCESSIBLE CONTROL PANEL.



CLASSROOM POWER PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

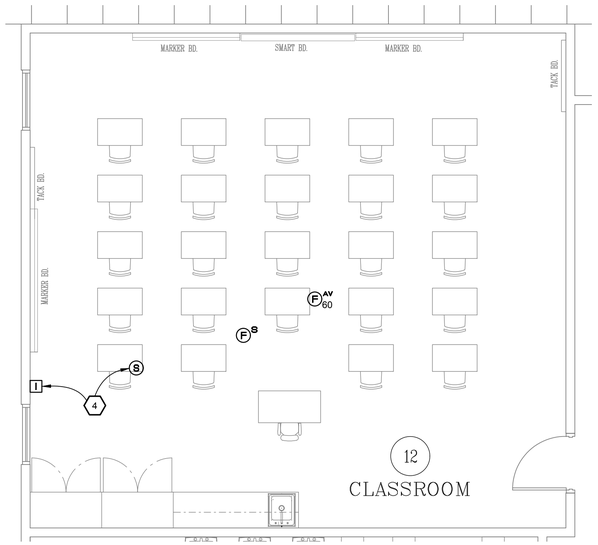
This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844,
Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: B.B.
CHECKED BY: A.D.
PROJECT NO. 2408
SHEET NO. E-3.1

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

TA 202550 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

DESIGN DEVELOPMENT
8/30/25



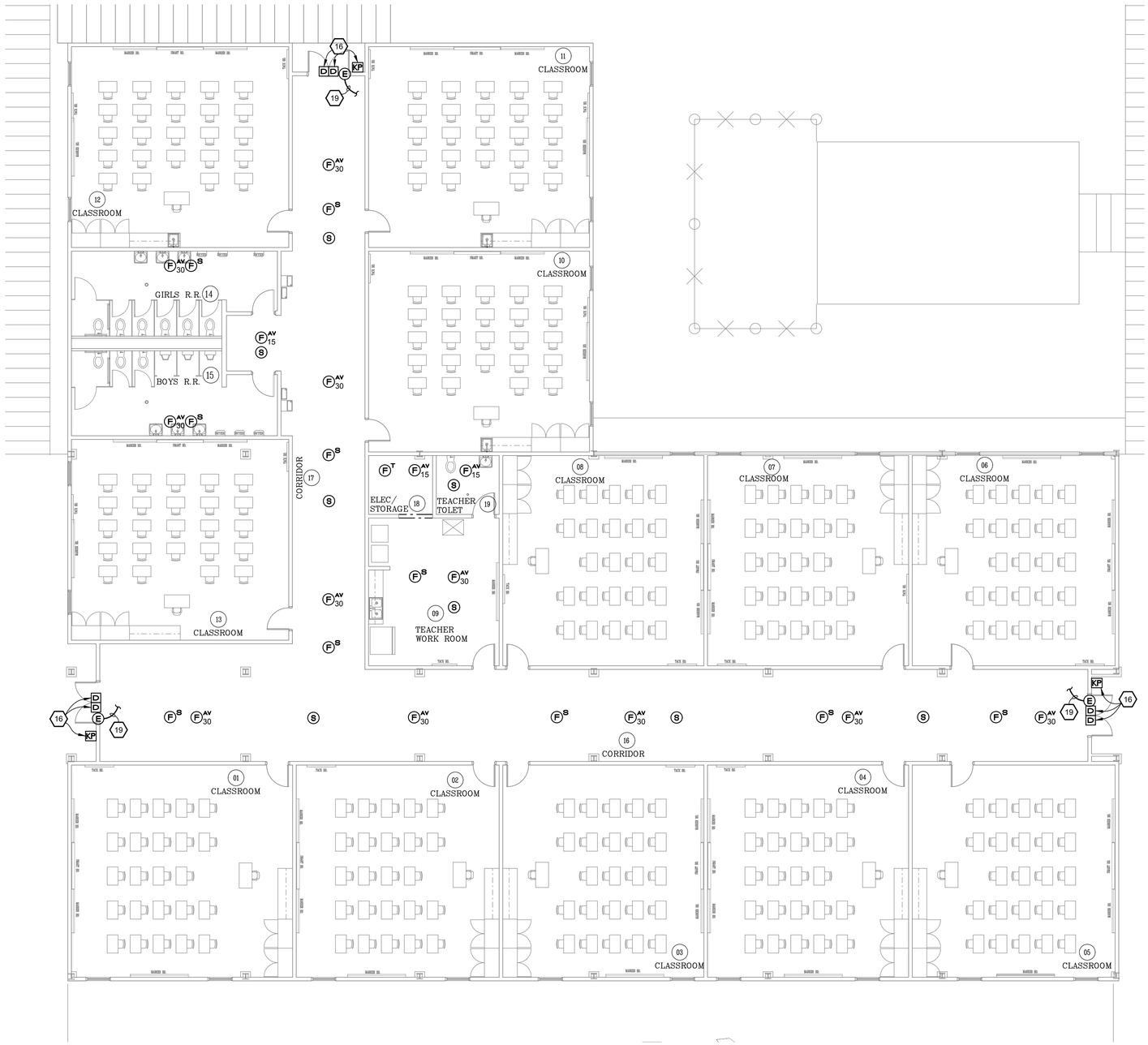
ENLARGED CLASSROOM. (TYPICAL)

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/4" = 1'-0"

0 2 4 8 FT

POWER - SPECIAL SYSTEMS POWER NOTES

1. ALL RECEPTACLES BELOW 60" SHALL BE TAMPER RESISTANT TYPE.
2. 2-4'X8' X 3/4" PLYWOOD BACKBOARDS THIS ROOM.
3. VERIFY LOCATION PRIOR TO ROUGH-IN. PROVIDE DUPLEX RECEPTACLE (WHILE FINISH) IN CEILING. PROVIDE 6' MC CABLE WHIP AT DEVISE. COORDINATE EXACT LAYOUT WITH LIGHTING/ A/C GRILLS.
4. INTERCOM STATION AT 48" AFF WITH SPEAKER IN CEILING COORDINATE WITH LIGHTING LAYOUT.
5. NOT USED
6. FIRE ALARM CONTROL PANEL (FLUSH MTD).
7. HAND DRYER PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. EXCEL MODEL XL-SB-ECO WITH ADA COMPLIANT RECESS KIT #40502. VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN.
8. INTERCOM HEAD END RACK.
9. COORDINATE ROUGH-IN WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
10. REFER TO EACH ARCH ELEVATION SHEET FOR LOCATION OF TV DISPLAY.
11. FLUSH MOUNT FIRE ALARM ANNUNCIATOR PANEL.
12. ONE (1) 208V 30A RECEPTACLE, 1-20 AMP RECEPTACLE THIS AREA. FOR DATA RACK.
13. LOCATE AT DEFIBRILLATOR.
14. VERIFY HEIGHT WITH OWNER TO COORDINATE WITH SMART BOARD MOUNTING. IN ADDITION TO DUPLEX RECEPTACLE AND DATA DROP, PROVIDE 1 1/4"C ACCESSIBLE CEILING AND JUNCTION BOX. SEE CLASSROOM ELEVATION DETAIL.
15. PROVIDE 3" J-HOOKS 6' ON CENTER 12" ABOVE CEILING FOR LOW VOLTAGE CABLING.
16. SEE DOOR ACCESS CONTROL RISER DIAGRAMS FOR ADDITIONAL REQUIREMENTS. TYPICAL.
17. FUTURE ACCESS CONTROL PANEL.
18. SEE E3.0 FOR ENLARGED PLAN THIS ROOM.
19. CONNECT TO ADJACENT 120V RECEPTACLE.
20. CONNECT SPRINKLER BELL TO FIRE ALARM SYSTEM.
21. PUSH BUTTON (ROUGH IN) AT 48"AFF FOR FUTURE CONNECTION TO ACCESSIBLE CONTROL PANEL.



CLASSROOM SPECIAL SYSTEMS PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

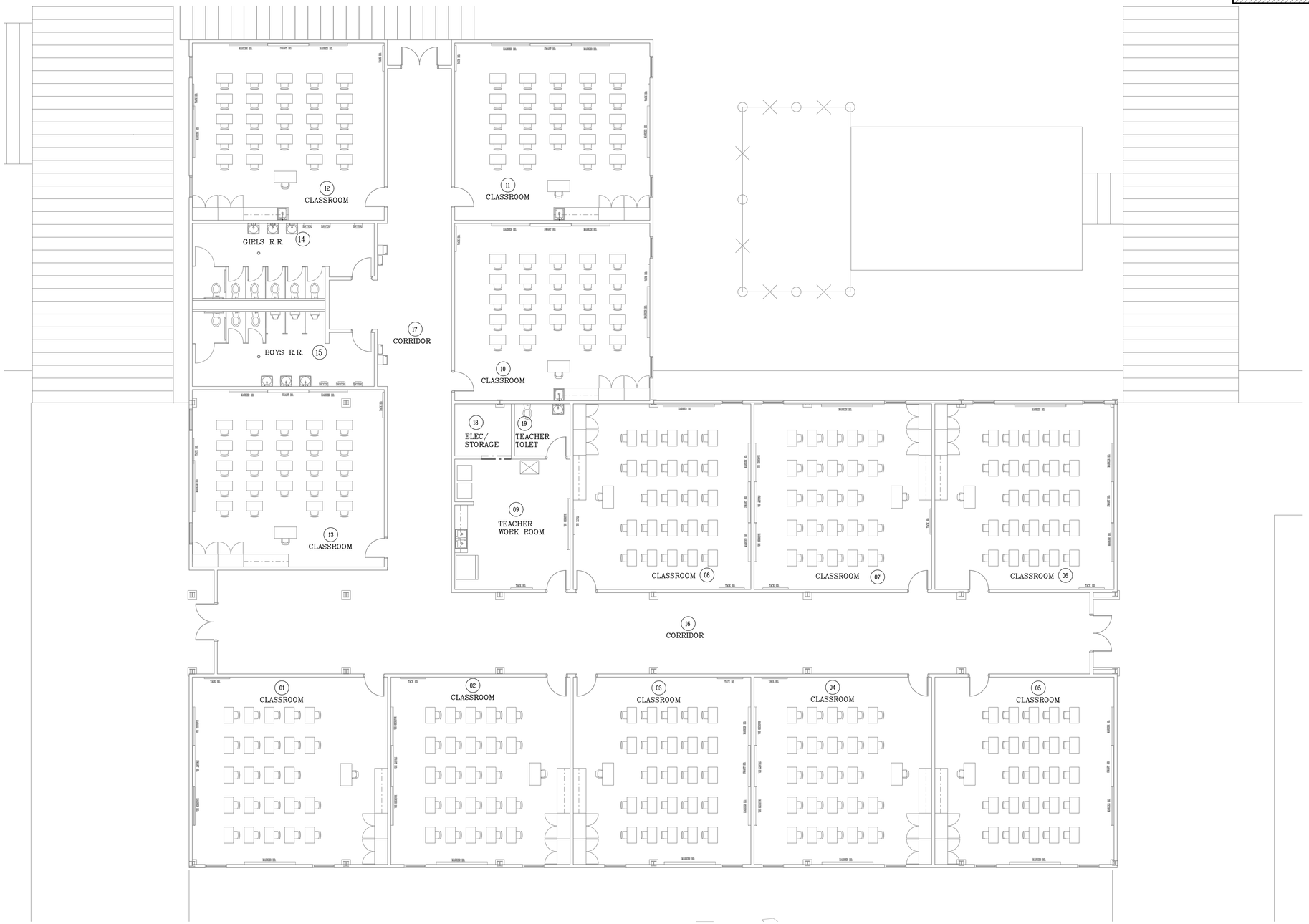
PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844
Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: B.B.
CHECKED BY: A.D.
PROJECT NO. 2408
SHEET NO. E-3.2

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.
TA 202590 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

DESIGN DEVELOPMENT
8/30/25



CLASSROOM PARTIAL POWER PLAN

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
SCALE:1/8" = 1'-0"

0 4 8 16 FT

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation

315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM

AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO
GONZALES MIDDLE SCHOOL

FOR THE
ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844,
Thomassee and Associates, LLC.

COPYRIGHT DATE:
08/30/25

REVISED:

DRAWN BY:
B.B.

CHECKED BY:
A.D.

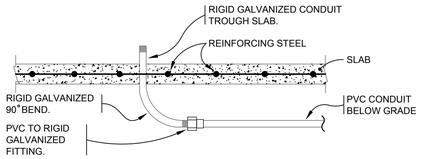
PROJECT NO.
2408

SHEET NO.
E-3.3

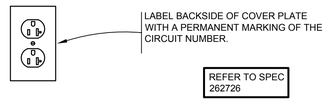
TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permision.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

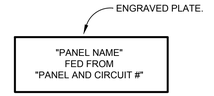
DESIGN DEVELOPMENT
8/30/25



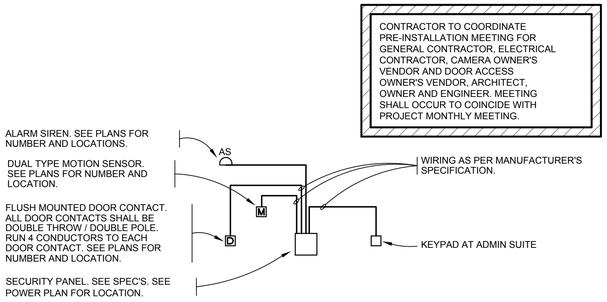
6 TYPICAL CONDUIT THROUGH SLAB
NOT TO SCALE



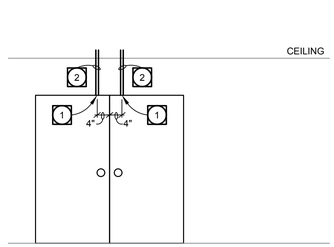
5 RECEPTACLE DETAIL
NOT TO SCALE



4 EQUIPMENT SIGNAGE
NOT TO SCALE (REQUIRED AT ALL DISCONNECTS AND PANELS)



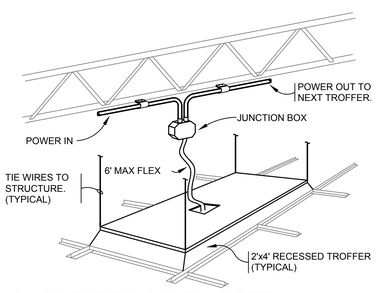
3 INTRUSION DETECTION RISER
NOT TO SCALE (SEE SPECS 283100 FOR ADDITIONAL REQUIREMENTS).



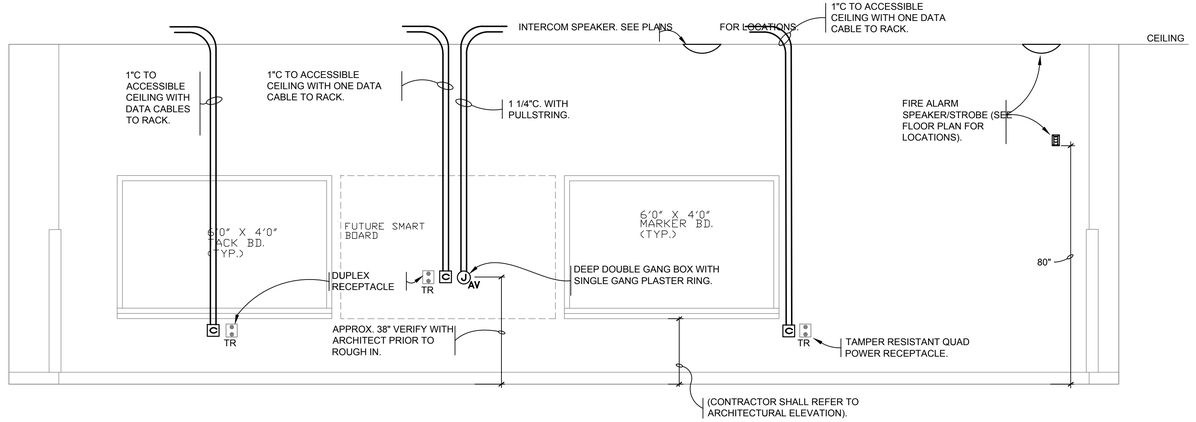
CONTRACTOR TO COORDINATE PRE-INSTALLATION MEETING FOR GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, CAMERA OWNER'S VENDOR AND DOOR ACCESS OWNER'S VENDOR, ARCHITECT, OWNER AND ENGINEER. MEETING SHALL OCCUR TO COINCIDE WITH PROJECT MONTHLY MEETING.

DOOR ACCESS/CONTROL RISER KEYNOTES:
1. DOOR POSITION SENSOR (BY DIV 08).
2. 3/4"C WITH (LOW VOLTAGE CABLE TO INTRUSION DETECTION SYSTEM).

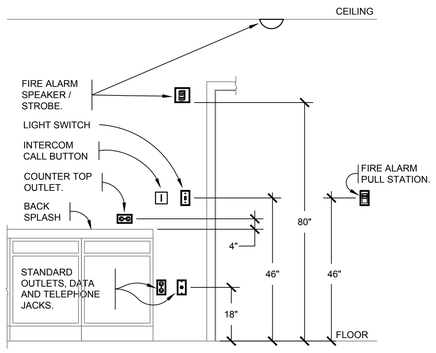
2 DOOR ACCESS/ CONTROL RISER DIAGRAM
NOT TO SCALE (RE: HARDWARE SPEC 087100) ALL EXTERIOR DOORS



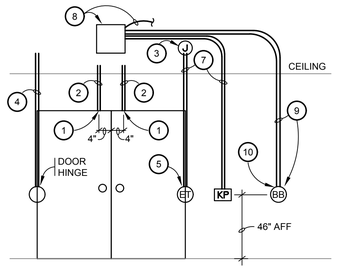
8 FIXTURE MOUNTING DETAIL
NOT TO SCALE



9 TYPICAL CLASSROOM ELEVATION
NOT TO SCALE (OPPOSITE HAND ON SOME CLASSROOMS: SEE FLOOR PLAN)



REFERENCE HEIGHTS OF OUTLETS - SWITCHES - FIRE ALARM STROBES - INTERCOM
NOT TO SCALE



DOOR ACCESS/CONTROL RISER KEYNOTES:
1. DOOR POSITION SENSOR (BY DIV 08).
2. 3/4"C WITH LOW VOLTAGE CABLING TO INTRUSION DETECTION SYSTEM.
3. J-BOX ABOVE CEILING.
4. 1"C TO ACCESSIBLE CEILING.
5. ELECTRIC LATCH RETRACTION (BY DIV 08).
6. KEYPAD (BY OTHERS).
7. 1"C IN TRIM TO ELECTRIFIED TRIM.
8. PROVIDE 120V TO POWER SUPPLY (POWER SUPPLY AND TRANSFORMER BY OTHERS).
9. BUZZER BUTTON BY DIV 08. PROVIDE 1"C AND CONTACT WITH CONTROL TO OPEN DOOR.
10. SEE PLANS FOR LOCATIONS. (AT RECEPTIONIST DESK).

CONTRACTOR TO COORDINATE PRE-INSTALLATION MEETING FOR GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, CAMERA OWNER'S VENDOR AND DOOR ACCESS OWNER'S VENDOR, ARCHITECT, OWNER AND ENGINEER. MEETING SHALL OCCUR TO COINCIDE WITH PROJECT MONTHLY MEETING.

1 DOOR ACCESS/ CONTROL RISER DIAGRAM
NOT TO SCALE (RE: HARDWARE SPEC 087100)

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844, Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: B.B.
CHECKED BY: A.D.
PROJECT NO. 2408
SHEET NO. E-4.0

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.
TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

DESIGN DEVELOPMENT
8/30/25

LIGHTING FIXTURE SCHEDULE

REFER TO SPECIFICATION 265120 FOR ADDITIONAL REQUIREMENTS.

FIXTURE TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS	DESCRIPTION	REMARKS
A	LITHONIA	CPANL 2X4 40/50/60LM 40K - 50LM	LED 42W	2'x4' FLAT PANEL	4
A2	LITHONIA	CPANL 2X4 40/50/60LM 40K - 50LM	LED 42W	2'x4' FLAT PANEL, 90 MINUTE BATTERY	4
B	LITHONIA	CPANL 2X4 40/50/60LM 40K - 40LM	LED 32W	2'x4' FLAT PANEL	4
C	LITHONIA	CPANL 2X2 24/33/44LM 40K - 44LM	LED	2'x2' FLAT PANEL	4
D	LITHONIA	LDN6 40/20 LO6AR LSS	LED 23W	6" DOWNLIGHT	
DE	LITHONIA	LDN6 40/20 LO6AR LSS	LED 23W	6" DOWNLIGHT, 90 MINUTE BATTERY BACKUP	
D3	LITHONIA	EVO 40/07 4AR MD LSS	LED 23W	4" DOWNLIGHT	
F	COOPER	HVL12-4-LD4-2LO-35-UNV-C-EDD-90	LED 42W	4' SURFACE MOUNT	
S	LITHONIA	CDS L48 MVOLT 40K 80CRI WH	LED 38W	STRIP LIGHT	
W	LITHONIA	WSQ LED P2 10A700/40K SR3 MVOLT	LED 30W	WALL PACK	1, 2
WE	LITHONIA	WSQ LED P2 10A700/40K SR3 MVOLT	LED 30W	WALL PACK, 90 MINUTE BATTERY	1, 2
W2	LITHONIA	DSXW2 LED 30C 700 40K T3M MVOLT	LED 71W	WALL PACK	1, 2
W3	VISA LIGHTING	OW1313 L40K-MVOLT WITH 90 MINUTE BATTERY	LED	WALL SCONCE	1, 2
X	LITHONIA	EXG LED EL M6	LED	SINGLE FACE EXIT LIGHT	
X2	LITHONIA	EXG LED EL M6	LED	DOUBLE FACE EXIT LIGHT	
X3	LITHONIA	EU2C	LED	EMERGENCY WALL MOUNT FLOOD	
X4	LITHONIA	EU2C	LED	EMERGENCY CEILING MOUNT FLOOD	
X5	LITHONIA	DEM LED ACEM	LED	EMERGENCY EXTERIOR WALL PACK	1

REMARKS

1. FINISH SELECTED BY ARCHITECT DURING SHOP DRAWINGS.
2. SEE ARCH ELEVATIONS FOR HEIGHTS (BY ENGINEER).
3. CUSTOM COLOR SELECTED DURING SHOP DRAWINGS.
4. SET LIGHT FIXTURE TO LUMEN OUTPUT INDICATED.

NOTES:

1. ALL FIXTURES ACCESSORIES NEEDED FOR PROPER INSTALLATION SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
2. CONTRACTOR TO PROVIDE AND INSTALL ANY AND ALL LOW VOLTAGE CONTROLS REQUIRED FOR DIMMING AND / OR OCCUPANCY SENSORS.

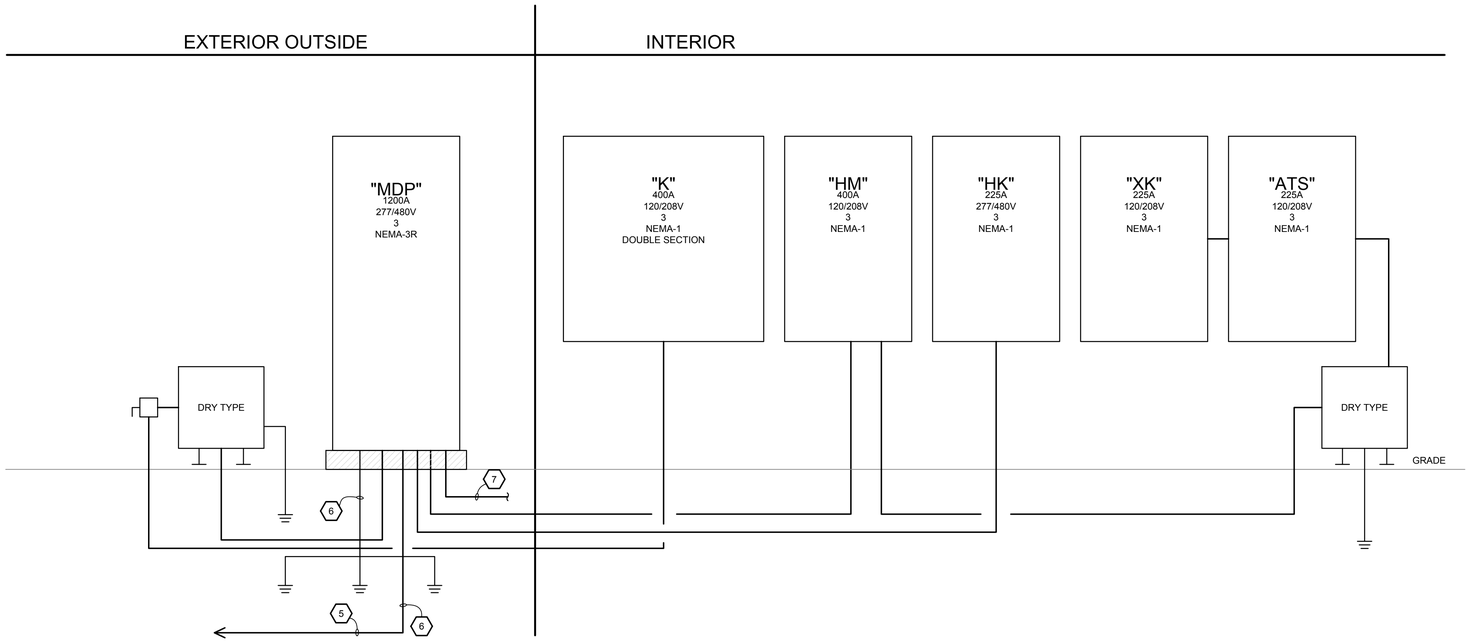
KEYNOTES:

1
2
3
4
5
6
7
8

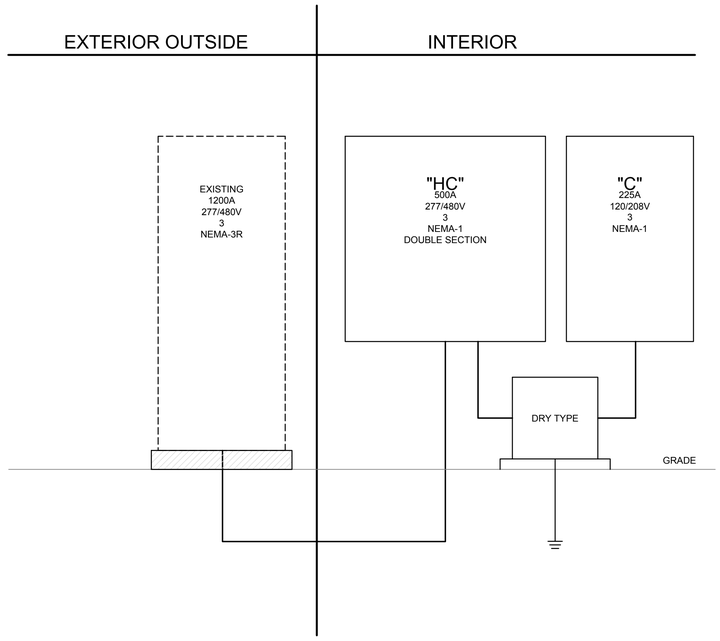
ELECTRICAL RISER NOTES:

1. CONTRACTOR SHALL CONTACT UTILITY COMPANY PRIOR TO BID AND OBTAIN ANY CHARGES F0R SERVICES SHOWN. SAME SHALL BE IN BID.
2. CONTRACTOR TO USE MYERS HUB CONNECTORS AT ALL EXTERIOR PANELBOARDS (DISCONNECTS, ETC) PENETRATIONS (INCLUDING SIDE PENETRATIONS).
3. ALL CONDUCTORS SHALL BE COPPER.
4. ALL WORK SHALL BE IN COMPLIANCE WITH NFPA 70 NATIONAL ELECTRICAL CODE 2020 VERSION AND INSTALLATION DONE BY QUALIFIED LICENSED ELECTRICIAN.
5. CONTRACTOR TO REFER TO DIV 26 SPECIFICATIONS FOR REQUIREMENTS ON TESTING, IR SCANS AND LOAD BALANCING REQUIREMENTS.

REFER TO THE FOLLOWING SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS: 260573.13, 260573.19, 262413, 262816, 260573.16, 262201, 262726, 264313.



PRELIMINARY ELECTRICAL RISER DIAGRAM
NOT TO SCALE



PRELIMINARY ELECTRICAL RISER DIAGRAM
NOT TO SCALE

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE
ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844, Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: B.B.
CHECKED BY: A.D.
PROJECT NO. 2408
SHEET NO. E-5.0

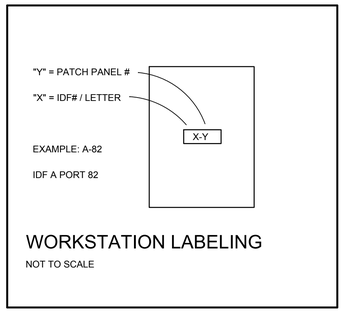
TA 202530 Copyright@ 2025 Thomassee & Associates Do not copy without expressed permission.
These drawings are the property of Gossen-Holloway-Cortez AFAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

DATA RISER KEYNOTES:

1. NOT USED.
2. FUTURE WIRELESS ACCESS POINTS. PROVIDE WHITE CAT 6A CABLING WITH LABEL FOR JACK #.PROVIDE 10' OF COILED CABLE SLACK PROVIDE ENGRAVED PLATE AT CEILING TBAR WITH PORT AT PATCH PANEL.
3. BLUE CAT 6 CABLE (S) AND RJ45 JACKS. SEE SUBSCRIPT FOR DROP COUNT. PROVIDE 10' OF COILED CABLE SLACK ABOVE CEILING AT USER END. ROUTE IN CONDUIT WHERE EXPOSED AND IN WALLS.
4. SEE PLANS FOR QUANTITIES.
5. PATCH PANEL (S).
6. GREEN CAT 6 CABLES AND RJ45 JACKS TO SEPARATE PATCH PANEL.
7. PINK CAT 6 CABLE / RJ45 JACKS. SMART BOARD DATA DROP TO SEPARATE PATCH PANEL. PROVIDE 10' OF COILED CABLE SLACK ABOVE CEILING.
8. NEW FIBER PANEL (S).
9. #6 CU TO BUILDING GROUND WITH 10 LUG BAR.
10. ALL CABLING ROUTED ON J-HOOKS. SEE RISER GENERAL NOTE 5.
11. 4'x8'x3/4" PLYWOOD BACKBOARD FIRE RATED AND PAINTED TO MATCH WALL COLOR.
12. CONTRACTOR TO ALLOW RACK ROOM FOR TWO RU PER 48 PORT PATCH PANEL FOR FUTURE OWNER PROVIDED SWITCHES.
13. PROVIDE AND INSTALL 7' CABINET HPE 42U 800MM X 1200MM G2 KITTED ADVANCED PALLET RACK WITH SIDE PANELS MODEL: P9K15A. PROVIDE WITH POWER RACK UNIT/STRIP AND FAN KIT.
14. 12 STRAND SINGLE MODE FIBER BETWEEN IDF AND EXISTING MDF IN 2"C ROUTED ABOVE SUSPENDED CEILING. PROVIDE 2nd SPARE 1"C INNERDUCT ROUTED TOGETHER. SEE ELECTRICAL SITE PLAN.
15. UPS BY APSB - ALLOW 3 RU SPACE.

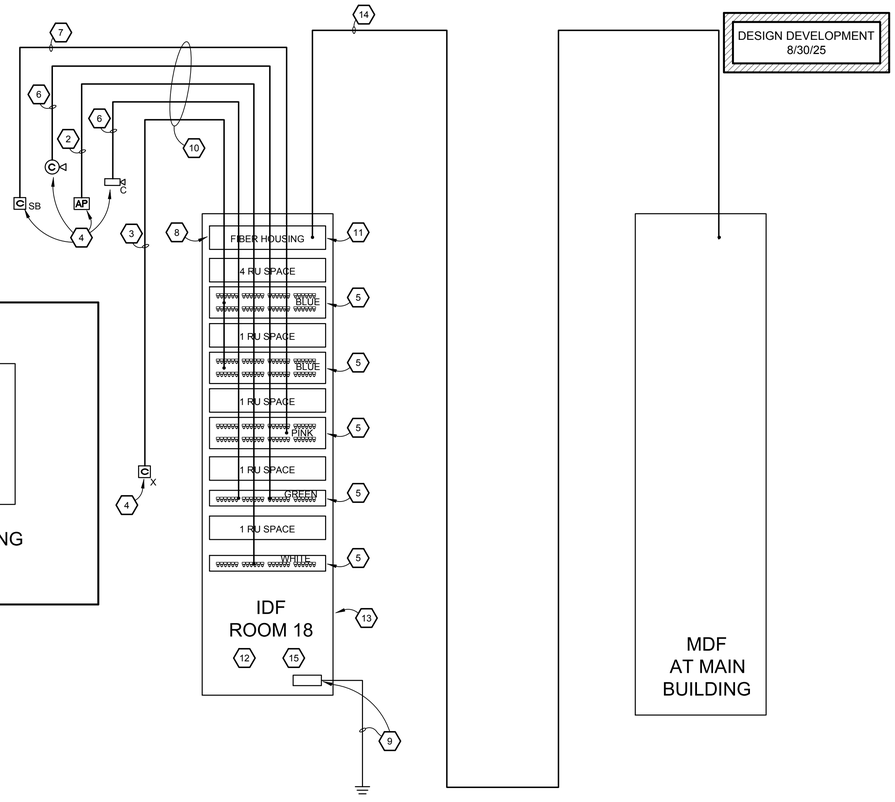
DATA RISER GENERAL NOTES:

1. ALL CABLING SHALL BE PLENUM RATED. CABLING IN CONDUIT IN WALLS AND WHERE EXPOSED. CABLING ROUTED UNDERGROUND SHALL BE WET LOCATION RATED.
2. CONTRACTOR SHALL TEST ALL CATEGORY 6 AND 6A CABLES FOR GIGABIT / 10 GIGABIT PERFORMANCE. SUBMIT TEST REPORT TO ENGINEER FOR REVIEW.
3. MAXIMUM CAT 6 OR 6A CABLE RUN SHALL NOT EXCEED 290'.
4. CONTRACTOR SHALL ADHERE TO ALL MANUFACTURE CABLING BENDING RADIUS REQUIREMENTS.
5. ALL CABLING SHALL BE SUPPORTED BY J HOOKS ON 6' CENTER ABOVE ACCESSIBLE CEILINGS.
6. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL TERMINATIONS.
7. CONTRACTOR SHALL LABEL CABLE ON BOTH ENDS. CAT 6 COVER PLATES AT CEILING SHALL BE LABELED ALONG WITH CORRESPONDING PORT AT PATCH PANEL.
8. ALL LABELS SHALL BE TYPE WRITTEN SELF ADHESIVE LABEL. 1/8" HIGH LETTERS AT OUTLET AND PATCH PANELS.
9. COORDINATE LABELING SCHEME/ FORMAT WITH ENGINEER.
10. CONTRACTOR SHALL PROVIDE DIMENSIONED DRAWING (1/4 SCALE) OF EACH DATA ROOM WITH EQUIPMENT LAYOUT DURING SHOP DRAWINGS



WORKSTATION LABELING

NOT TO SCALE



CLASSROOM DATA RISER DIAGRAM

NOT TO SCALE

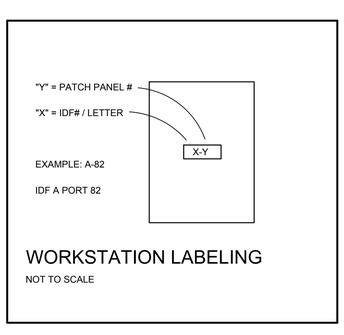
(REFER TO VOICE / DATA CABLING SPECIFICATIONS 270000 FOR ADDITIONAL REQUIREMENTS)

DATA RISER KEYNOTES:

1. NOT USED.
2. FUTURE WIRELESS ACCESS POINTS. PROVIDE WHITE CAT 6A CABLING WITH LABEL FOR JACK #.PROVIDE 10' OF COILED CABLE SLACK PROVIDE ENGRAVED PLATE AT CEILING TBAR WITH PORT AT PATCH PANEL.
3. BLUE CAT 6 CABLE (S) AND RJ45 JACKS. SEE SUBSCRIPT FOR DROP COUNT. PROVIDE 10' OF COILED CABLE SLACK ABOVE CEILING AT USER END. ROUTE IN CONDUIT WHERE EXPOSED AND IN WALLS.
4. SEE PLANS FOR QUANTITIES.
5. PATCH PANEL (S).
6. GREEN CAT 6 CABLES AND RJ45 JACKS TO SEPARATE PATCH PANEL.
7. PINK CAT 6 CABLE / RJ45 JACKS. SMART BOARD DATA DROP TO SEPARATE PATCH PANEL. PROVIDE 10' OF COILED CABLE SLACK ABOVE CEILING.
8. NEW FIBER PANEL (S).
9. #6 CU TO BUILDING GROUND WITH 10 LUG BAR.
10. ALL CABLING ROUTED ON J-HOOKS. SEE RISER GENERAL NOTE 5.
11. 4'x8'x3/4" PLYWOOD BACKBOARD FIRE RATED AND PAINTED TO MATCH WALL COLOR.
12. CONTRACTOR TO ALLOW RACK ROOM FOR TWO RU PER 48 PORT PATCH PANEL FOR FUTURE OWNER PROVIDED SWITCHES.
13. PROVIDE AND INSTALL 7' CABINET HPE 42U 800MM X 1200MM G2 KITTED ADVANCED PALLET RACK WITH SIDE PANELS MODEL: P9K15A. PROVIDE WITH POWER RACK UNIT/STRIP AND FAN KIT.
14. 12 STRAND SINGLE MODE FIBER BETWEEN IDF AND EXISTING MDF IN 2"C ROUTED ABOVE SUSPENDED CEILING. PROVIDE 2nd SPARE 1"C INNERDUCT ROUTED TOGETHER. SEE ELECTRICAL SITE PLAN.
15. UPS BY APSB - ALLOW 3 RU SPACE.

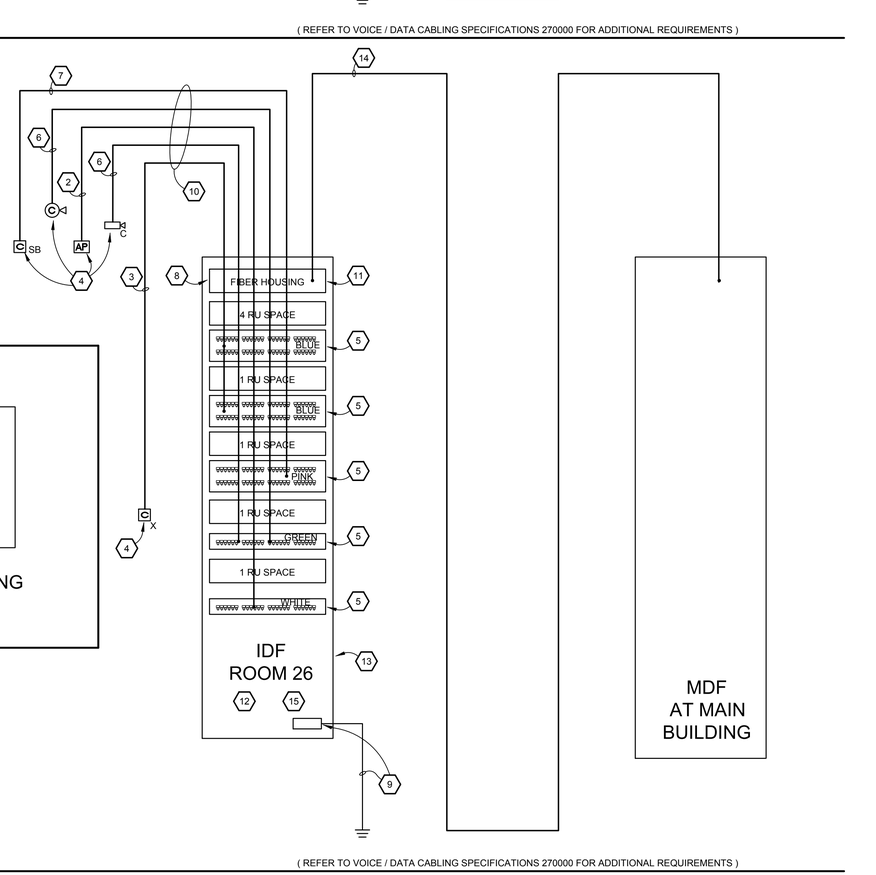
DATA RISER GENERAL NOTES:

1. ALL CABLING SHALL BE PLENUM RATED. CABLING IN CONDUIT IN WALLS AND WHERE EXPOSED. CABLING ROUTED UNDERGROUND SHALL BE WET LOCATION RATED.
2. CONTRACTOR SHALL TEST ALL CATEGORY 6 AND 6A CABLES FOR GIGABIT / 10 GIGABIT PERFORMANCE. SUBMIT TEST REPORT TO ENGINEER FOR REVIEW.
3. MAXIMUM CAT 6 OR 6A CABLE RUN SHALL NOT EXCEED 290'.
4. CONTRACTOR SHALL ADHERE TO ALL MANUFACTURE CABLING BENDING RADIUS REQUIREMENTS.
5. ALL CABLING SHALL BE SUPPORTED BY J HOOKS ON 6' CENTER ABOVE ACCESSIBLE CEILINGS.
6. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL TERMINATIONS.
7. CONTRACTOR SHALL LABEL CABLE ON BOTH ENDS. CAT 6 COVER PLATES AT CEILING SHALL BE LABELED ALONG WITH CORRESPONDING PORT AT PATCH PANEL.
8. ALL LABELS SHALL BE TYPE WRITTEN SELF ADHESIVE LABEL. 1/8" HIGH LETTERS AT OUTLET AND PATCH PANELS.
9. COORDINATE LABELING SCHEME/ FORMAT WITH ENGINEER.
10. CONTRACTOR SHALL PROVIDE DIMENSIONED DRAWING (1/4 SCALE) OF EACH DATA ROOM WITH EQUIPMENT LAYOUT DURING SHOP DRAWINGS



WORKSTATION LABELING

NOT TO SCALE



CAFETERIA DATA RISER DIAGRAM

NOT TO SCALE

(REFER TO VOICE / DATA CABLING SPECIFICATIONS 270000 FOR ADDITIONAL REQUIREMENTS)

DESIGN DEVELOPMENT
8/30/25

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL

FOR THE ASCENSION PARISH SCHOOL BOARD

GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION

This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844, Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25

REVISED:

DRAWN BY: B.B.

CHECKED BY: A.D.

PROJECT NO. 2408

SHEET NO. E-6.0

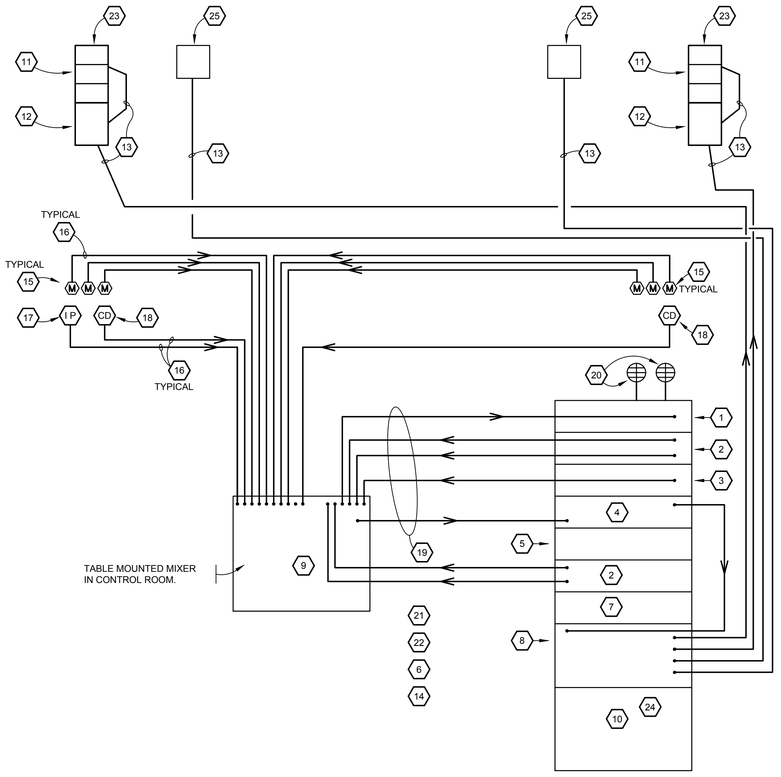
TA 202530 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.

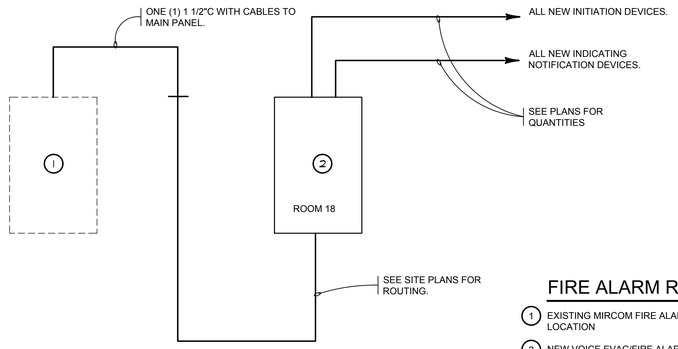
DESIGN DEVELOPMENT
8/30/25

CAFETERIA SOUND RISER KEYNOTES:

1. WILLIAMS ADA SOUND SYSTEM #PPA 457 PRO.
2. DUAL WIRELESS MICROPHONES. SHURE ULXS124/85-G3 WIRELESS MICROPHONE KIT AND COUNTRYMAN WCE6T EAR SET MICROPHONE.
3. DENON DN-3002 MEDIA PLAYER
4. RANE ME60S EQUALIZER.
5. MIDDLE ATLANTIC #PD-920R-NS POWER STRIP.
6. CONTRACTOR TO PROVIDE FOUR (4) BOGEN #HDU250 MICROPHONES COMPLETE WITH 25' CORDS OR APPROVED EQUAL.
7. SPACE FOR FUTURE AMP, SEE KEYNOTE #8.
8. CROWN XL12500 XLi POWER MATRIX.
9. SOUNDCRAFT SIGNATURE 22 SOUND CRAFT ANALOG MIXER.
10. FLOOR MOUNTED SOUND RACK WITH VENTILATION FAN AND DOOR WITH LOWELL UDE-214, RACK MOUNT UTILITY DRAWER.
11. TOA #HX-5B SPEAKERS COMPLETE WITH WALL BRACKET.
12. TOA #FB-120W COMPLETE WITH WALL BRACKET.
13. SHIELDED SPEAKER CABLE IN CONDUIT TO AMPLIFIER.
14. CONTRACTOR TO PROVIDE FOUR (4) ADJUSTABLE MICROPHONE FLOOR STANDS, COMPLETE WITH BASE AND ALL REQUIRED HOLDERS BOGEN #SF4 OR APPROVED EQUAL.
15. MICROPHONE JACK AT STAGE AREA.
16. MICROPHONE CABLE IN CONDUIT TO MIXER. PROVIDE PLUG AT MIXER.
17. INPUT JACK AT STAGE FOR IPOD FEED TO MIXER. PROVIDE PLUG AT MIXER.
18. INPUT JACK AT STAGE FOR CD PLAYER FEED (RCA L/R) TO MIXER. PROVIDE PLUG AT MIXER.
19. CABLE TO AND FROM SOUND RACK AND MIXER WITH APPROPRIATE MICROPHONE PLUGS / JACKS.
20. REMOTE ANTENNA FOR WILLIAMS WIRELESS SOUND AND WIRELESS MICROPHONES. LOCATE ON OUTSIDE OF CONTROL ROOM. (SHURE UA844SWB AND UA860SWB).
21. LOCATE EQUIPMENT AND JACKS AS PER ENGINEER INSTRUCTIONS IN FIELD.
22. CONTRACTOR TO PROVIDE A FACTORY REPRESENTATIVE TO CALIBRATE AND OPTIMIZE SOUND SYSTEM. PROVIDE ENGINEER WITH 7 DAY ADVANCE NOTICE. REPRESENTATIVE TO PROVIDE A MINIMUM OF 2 HOUR IN SERVICE FOR OWNERS REPRESENTATIVE.
23. PROVIDE WITH TOA HY PF1B RIGGING FRAME (BLACK).
24. BIAMP NEXIA SP SPEAKER PROCESSOR.
25. TOA HS-1200BT, 2 WAY BOX SPEAKER WITH TOA HY 1200 HB WALL MOUNT AND TOA HY WO801 ANGLE BRACKET.



5 CAFETERIA SOUND RISER
NOT TO SCALE



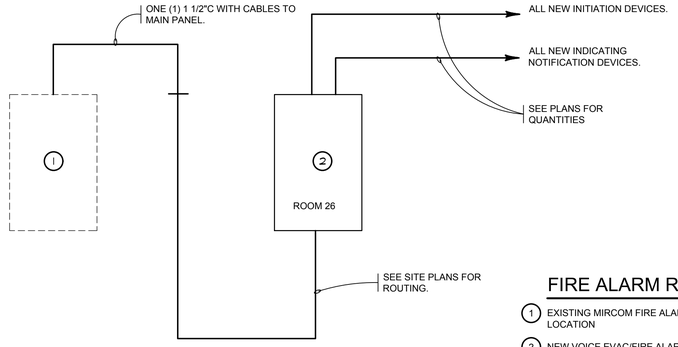
1 CLASSROOM FIRE ALARM RISER DIAGRAM
NOT TO SCALE

FIRE ALARM RISER KEYNOTES:

1. EXISTING MIRCOM FIRE ALARM FX 2000 TO REMAIN. SEE SITE PLAN FOR APPROXIMATE LOCATION
2. NEW VOICE EVAC/FIRE ALARM PANEL.

FIRE ALARM RISER NOTES:

1. ALL WIRING SHALL BE NEW AND PLENUM RATED. (IN CONDUIT IN WALLS).
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND PAPER WORK TO FIRE MARSHAL THROUGH ENGINEERS OFFICE FOR REVIEW AND APPROVAL, PAY ALL FEES.
3. CONTRACTOR TO PROVIDE REMOTE POWER SUPPLIES AS NEEDED TO FEED STROBES. PROVIDE SMOKE DETECTOR AT POWER SUPPLY.
4. ALL WIRING SHALL BE AS PER MANUFACTURE'S RECOMMENDATIONS.
5. CONTRACTOR SHALL ALLOW TIME AND MATERIAL TO INSTALL UP TO TEN (10) FIRE ALARM DEVICES (INITIATION, SIGNALING, ETC.) TO BE LOCATED BY THE ENGINEER DURING CONSTRUCTION.
6. CONTRACTOR SHALL SYNCHRONIZE ALL STROBES.
7. ALL CONDUIT AND CABLING SHALL BE CONCEALED IN WALL AT FACP.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
9. ALL NEW DEVICES SHALL BE 100% COMPATIBLE WITH EXISTING SYSTEM.



2 CAFETERIA FIRE ALARM RISER DIAGRAM
NOT TO SCALE

FIRE ALARM RISER KEYNOTES:

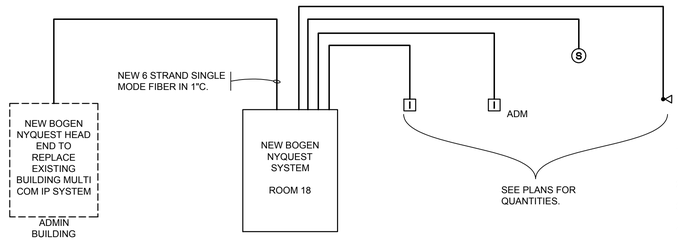
1. EXISTING MIRCOM FIRE ALARM FX 2000 TO REMAIN. SEE SITE PLAN FOR APPROXIMATE LOCATION
2. NEW VOICE EVAC/FIRE ALARM PANEL.

FIRE ALARM RISER NOTES:

1. ALL WIRING SHALL BE NEW AND PLENUM RATED. (IN CONDUIT IN WALLS).
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND PAPER WORK TO FIRE MARSHAL THROUGH ENGINEERS OFFICE FOR REVIEW AND APPROVAL, PAY ALL FEES.
3. CONTRACTOR TO PROVIDE REMOTE POWER SUPPLIES AS NEEDED TO FEED STROBES. PROVIDE SMOKE DETECTOR AT POWER SUPPLY.
4. ALL WIRING SHALL BE AS PER MANUFACTURE'S RECOMMENDATIONS.
5. CONTRACTOR SHALL ALLOW TIME AND MATERIAL TO INSTALL UP TO TEN (10) FIRE ALARM DEVICES (INITIATION, SIGNALING, ETC.) TO BE LOCATED BY THE ENGINEER DURING CONSTRUCTION.
6. CONTRACTOR SHALL SYNCHRONIZE ALL STROBES.
7. ALL CONDUIT AND CABLING SHALL BE CONCEALED IN WALL AT FACP.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
9. ALL NEW DEVICES SHALL BE 100% COMPATIBLE WITH EXISTING SYSTEM.

GENERAL INTENT OF ELECTRICAL SCOPE: REFER TO PLANS / SPECS FOR REQUIREMENTS

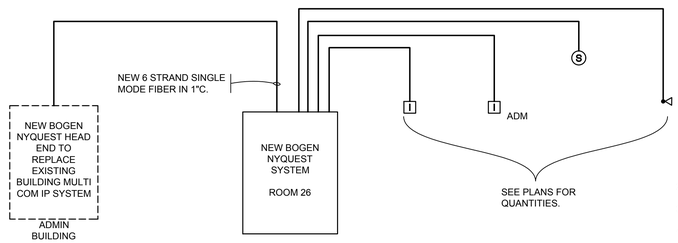
	BY CONTRACTOR	BY OWNER
DATA/FIBER CABLING	✓	
DATA SWITCHES/ACCESS POINTS		✓
CAMERA CABLING	✓	
CAMERAS, HARD DRIVE, ETC.		✓
DOOR ACCESS CONTROLS		✓
DOOR ACCESS ROUGH IN (CONDUIT/BOXES)	✓	
INTRUSION DETECTION		✓
DOOR CONTACTS FOR INTRUSION DETECTION	✓	
CAFETERIA SOUND SYSTEM	✓	
INTERCOM SYSTEM	✓	
FIRE ALARM SYSTEM	✓	
MANUAL TRANSFER SWITCH FOR PARTIAL LOADS AT CAFETERIA	✓	
GENERATOR		✓



3 CLASSROOM INTERCOM RISER DIAGRAM
NOT TO SCALE

INTERCOM RISER NOTES:

1. AS A MINIMUM, ALL INTERCOM EQUIPMENT AND WIRING SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
2. UNLESS OTHERWISE NOTED, ALL WIRING SHALL BE PLENUM RATED.
3. ALL CALL STATION CABLES SHALL BE PINK IN COLOR.
4. ALL INTERCOM TRUMPET CABLE AT CORRIDORS SHALL BE PINK IN COLOR.
5. LABEL ALL CABLES ON BOTH ENDS.
6. CONTRACTOR SHALL PROVIDE ALL PATCH CORDS FOR PROPER SYSTEMS OPERATION.
7. PROVIDE PROPER SURGE PROTECTION ON ALL COPPER CABLES.



4 CAFETERIA INTERCOM RISER DIAGRAM
NOT TO SCALE

INTERCOM RISER NOTES:

1. AS A MINIMUM, ALL INTERCOM EQUIPMENT AND WIRING SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
2. UNLESS OTHERWISE NOTED, ALL WIRING SHALL BE PLENUM RATED.
3. ALL CALL STATION CABLES SHALL BE PINK IN COLOR.
4. ALL INTERCOM TRUMPET CABLE AT CORRIDORS SHALL BE PINK IN COLOR.
5. LABEL ALL CABLES ON BOTH ENDS.
6. CONTRACTOR SHALL PROVIDE ALL PATCH CORDS FOR PROPER SYSTEMS OPERATION.
7. PROVIDE PROPER SURGE PROTECTION ON ALL COPPER CABLES.

GOSSEN HOLLOWAY CORTEZ
A Professional Architectural Corporation
315 E 2ND ST.
THIBODAUX, LA 70301
985-447-9229
DINO@GHCARCHITECTS.COM
GHCARCHITECTS.COM
AIA
A LOUISIANA REGISTERED ARCHITECTURE FIRM

ADDITIONS AND RENOVATIONS TO GONZALES MIDDLE SCHOOL
FOR THE ASCENSION PARISH SCHOOL BOARD
GONZALES, LA 70737

PRELIMINARY
NOT FOR CONSTRUCTION
This document shall not be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.
Angie Dore' LA32844, Thomassee and Associates, LLC.

COPYRIGHT DATE: 08/30/25
REVISED:
DRAWN BY: B.B.
CHECKED BY: A.D.
PROJECT NO. 2408
SHEET NO. E-6.1

These drawings are the property of Gossen-Holloway-Cortez APAC and may not be used or copied in whole or in part without the written consent of the architect. Any infringement is subject to legal action.
TA 202550 Copyright© 2025 Thomassee & Associates Do not copy without expressed permission.