

Sunday, November 23, 2025

Mckinley High School – Construction Documents 800 E McKinley St, Baton Rouge, LA 70802 Domain Chasm Project No. C24-0038/24009

#### ADDENDUM NO. 2

The following items shall be considered part of the contract documents and shall be included in the same when the Construction Contract is carried out. Changes made by Addenda shall take precedence over Original Documents. Any changes, which may affect construction or proper installation of materials, equipment or fixtures, not specifically mentioned in this addendum, shall be brought to the attention of Designer before starting construction. Otherwise, such conditions, if found later to exist, must be worked out in an acceptable manner without additional cost to the Owner. The General Contractor is hereby advised to call attention of all subcontractors to changes, which may affect their work.

#### **CLARAFICATIONS**

- Revise Demolition Note "D33" to read "DEMOLISH EXISTING 2-PIPE HYDRONIC SYSTEM ROUTED THROUGH BUILDING. CAP REMAINING PIPE AT EXTERIOR WALL AND ABANDON." Note "D33" is on all Architectural Demo sheets.
- 2. Buildings B and C All Handrails at existing stairs are to remain in place.

### **DRAWINGS:**

#### Architectural:

- 1. Sheet A2.000 Overall Roof Plan SITE Remove previously issued sheet and replace sheet with revised attached sheet.
- 2. Sheet D2.201 Enlarged Demo Plans BLDG. A
  - a. Detail 3 Remove notes "D8" and "D41" from the existing wood stairs to the East and West of the stage. The existing wood stairs are to remain.
  - b. Detail 1 Existing door the Mech. Room is to remain in place. Do not replace.
- 3. Sheet A3.101- 1st FLOOR RCP BLDG A. Remove previously issued sheet and replace sheet with revised attached sheet.
- 4. Sheet A2.201- 1st FLOOR BLDG B. Detail #2 exterior columns at the new connector building are to be painted "PT-3". Refer to Specifications Painting section 09900.
- 5. Sheet A5.201- 1st FLOOR RCP BLDG B. Delete window treatment tag "WT-1" from all Classrooms, Gather spaces and Workrooms.
- 6. Sheet A9.201- 1st FLOOR RCP BLDG B. Remove previously issued sheet and replace sheet with revised attached sheet.

- 7. Sheet D2.301- Enlarged Demo 1<sup>st</sup> Floorplan BLDG C. Remove demolition note "D40" from classrooms. Existing rubber base to remain.
- 8. Sheet D2.302- Enlarged Demo 2nd Floorplan BLDG C. Remove demolition note "D40" from classrooms. Existing rubber base to remain.
- 9. Sheet A5.301 1<sup>st</sup> Floor RCP BLDG. C Delete window treatment tag "WT-1" from all Classrooms, Closets, the Media Center, Tech Storage and the Testing Lab.
- 10. Sheet A10.304 Millwork Details BLDG. C Replace previously issued sheet with revised attached sheet.
- 11. Sheet A4.711 Window Elevations New Arts Bldg. Added detail references to several window frame elevations. Remove previously issued sheet and replace sheet with revised attached sheet.
- 12. Sheet A4.712 Window Details New Arts Bldg. Remove previously issued sheet and replace sheet with revised attached sheet.
  - a. Added head, jamb and sill details to the sheet and added dimensions to details 3 & 4
- 13. Sheet A8. 703 Wall Sections New Arts Bldg. Remove previously issued sheet and replace sheet with revised attached sheet.
  - a. Detail 1/A8.703 Wall Sections Removed tube steel cross bracing from wall.
- 14. Sheet A8.703 Wall Sections New Arts Bldg. Remove previously issued sheet and replace sheet with revised attached sheet.
  - a. Detail 2/A8.703 Wall Section Revised wall section.
- 15. Sheet A8.712 Section Details New Arts Bldg. Remove previously issued sheet and replace sheet with revised attached sheet.
  - a. Detail 3/A8.712 Section Detail Added keynotes to detail.
- 16. Sheet A8.713 Section Details New Arts Building 6/A8.713 Remove previously issued sheet and replace sheet with revised attached sheet.
  - a. Section Details Added keynotes to detail.
- 17. Sheet A8.714 Section Details New Arts Bldg. New sheet. Insert into set.
- 18. Sheet A8.715 Section Details New Arts Bldg. New sheet. Insert into set.

#### Mechanical:

- 1. Sheet M1.000 MECHANICAL SITE PLAN Remove previously issued sheet and replace sheet with revised attached sheet.
- 2. Sheet M2.101 MECHANICAL FLOOR PLANS BLDG. A Remove previously issued sheet and replace sheet with revised attached sheet.
- 3. Sheet M2.102 MECHANICAL ROOF PLAN BLDG. A Remove previously issued sheet and replace sheet with revised attached sheet.
- 4. Sheet M3.102 MECHANICAL ENLARGED FLOOR PLANS BLDG. A Remove previously issued sheet and replace sheet with revised attached sheet.
- 5. Sheet M5.101 MECHANICAL SCHEDULES BLDG. A Remove previously issued sheet and replace sheet with revised attached sheet.
- 6. Sheet MD2.201 MECHANICAL DEMO 1<sup>ST</sup> FLOOR PLAN BLDG. B Remove previously issued sheet and replace sheet with revised attached sheet.
- 7. Sheet MD2.202 MECHANICAL DEMO 2ND FLOOR PLAN BLDG. B Remove previously issued sheet and replace sheet with revised attached sheet.
- 8. Sheet MD3.301 MECHANICAL DEMO 1<sup>ST</sup> FLOOR PLAN BLDG. C Remove previously issued sheet and replace sheet with revised attached sheet.
- 9. Sheet MD3.202 MECHANICAL DEMO 2ND FLOOR PLAN BLDG. C Remove previously issued sheet and replace sheet with revised attached sheet.

- 10. Sheet MD3.500 MECHANICAL ENLARGED DEMO PLAN BLDG. E Remove previously issued sheet and replace sheet with revised attached sheet.
- 11. Sheet MD2.601 MECHANICAL DEMO PLAN BLDG. F Remove previously issued sheet and replace sheet with revised attached sheet.

#### Plumbing:

- 1. Sheet PD2.101– PLUMBING ENLARGED DEMO PLANS BLDG. A Remove previously issued sheet and replace sheet with revised attached sheet.
- 2. Sheet P2.201– PLUMBING 1st FLOOR PLAN BLDG. B Remove previously issued sheet and replace sheet with revised attached sheet.
- 3. Sheet P2.202– PLUMBING  $2^{ND}$  FLOOR PLAN BLDG. B Remove previously issued sheet and replace sheet with revised attached sheet.
- 4. Sheet P0.701– PLUMBING SITE PLAN Remove previously issued sheet and replace sheet with revised attached sheet.
- 5. Sheet P3.701– PLUMBING DETAILS BLDG. MCK Remove previously issued sheet and replace sheet with revised attached sheet.
- 6. Sheet P5.701– PLUMBING SCHEDULES BLDG. MCK Remove previously issued sheet and replace sheet with revised attached sheet.

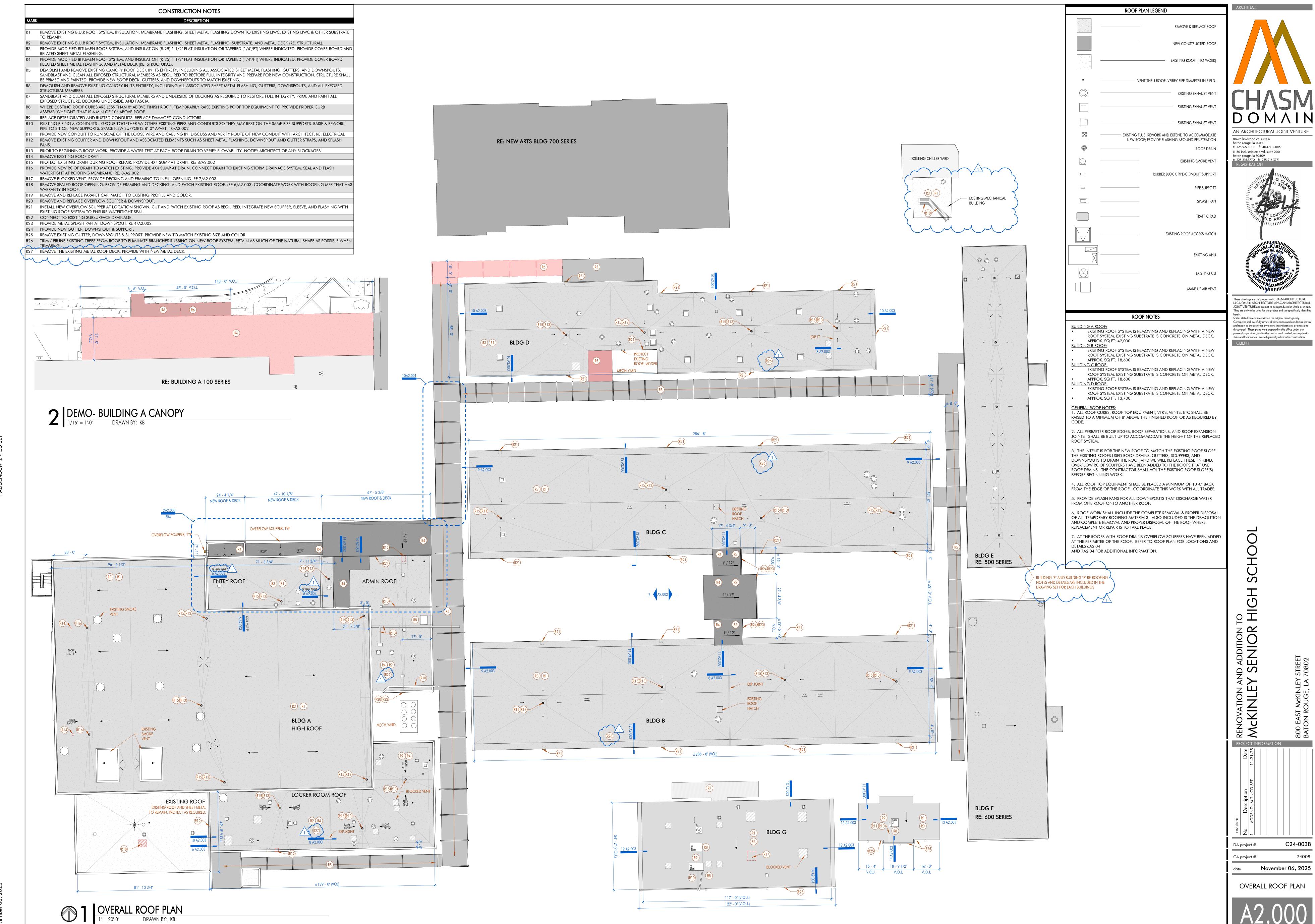
#### END OF ADDENDUM NO. 2

#### ATTACHMENTS:

Architectural: A2.000, A3.101, A8.106, A10.101, A10.104, A9.201, A10.304, A4.711, A4.712, A8.703, A8.703, A8.712, A8.713, A8.714, A8.715

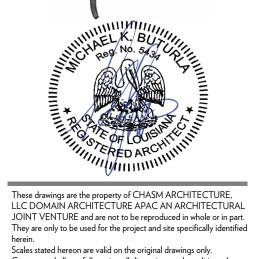
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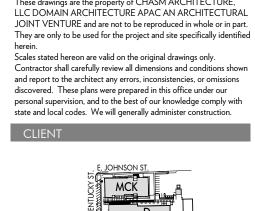
Plumbing: PD2.101, P2.201, P2.202, P0.701, P3.701, P5.701

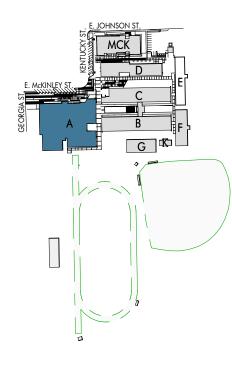


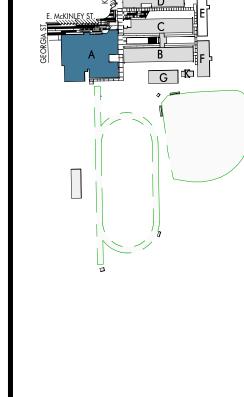
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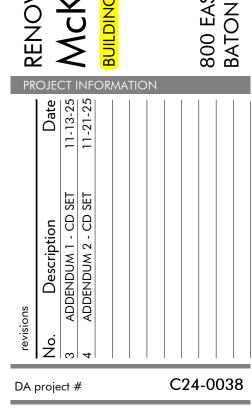






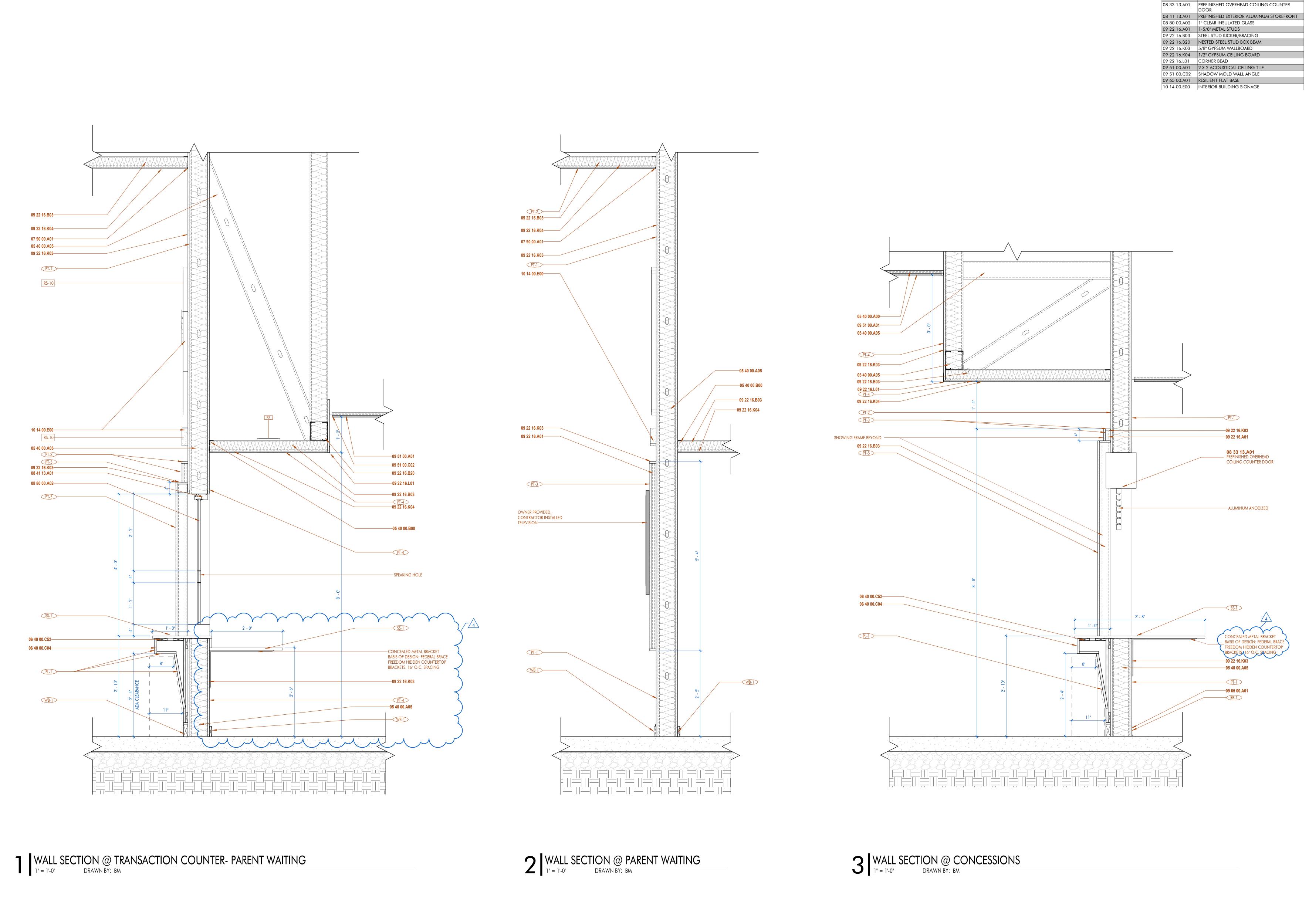






CA project # NOVEMBER 6, 2025

ENLARGED FLOOR PLANS- BLDG A



SENIOR 1

SHEET KEYNOTE LIST

05 40 00.800 STEEL STUD TRACK; MATCH STUD SIZE 06 40 00.C04 3/4" FURNITURE GRADE PLYWOOD

05 40 00.A00 METAL STUD FRAMING 05 40 00.A05 6" METAL STUDS

07 90 00.A01 BACKER ROD & SEALANT

06 40 00.C52 1X BLOCKING

AN ARCHITECTURAL JOINT VENTURE

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personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

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10626 linkwood ct, suite a

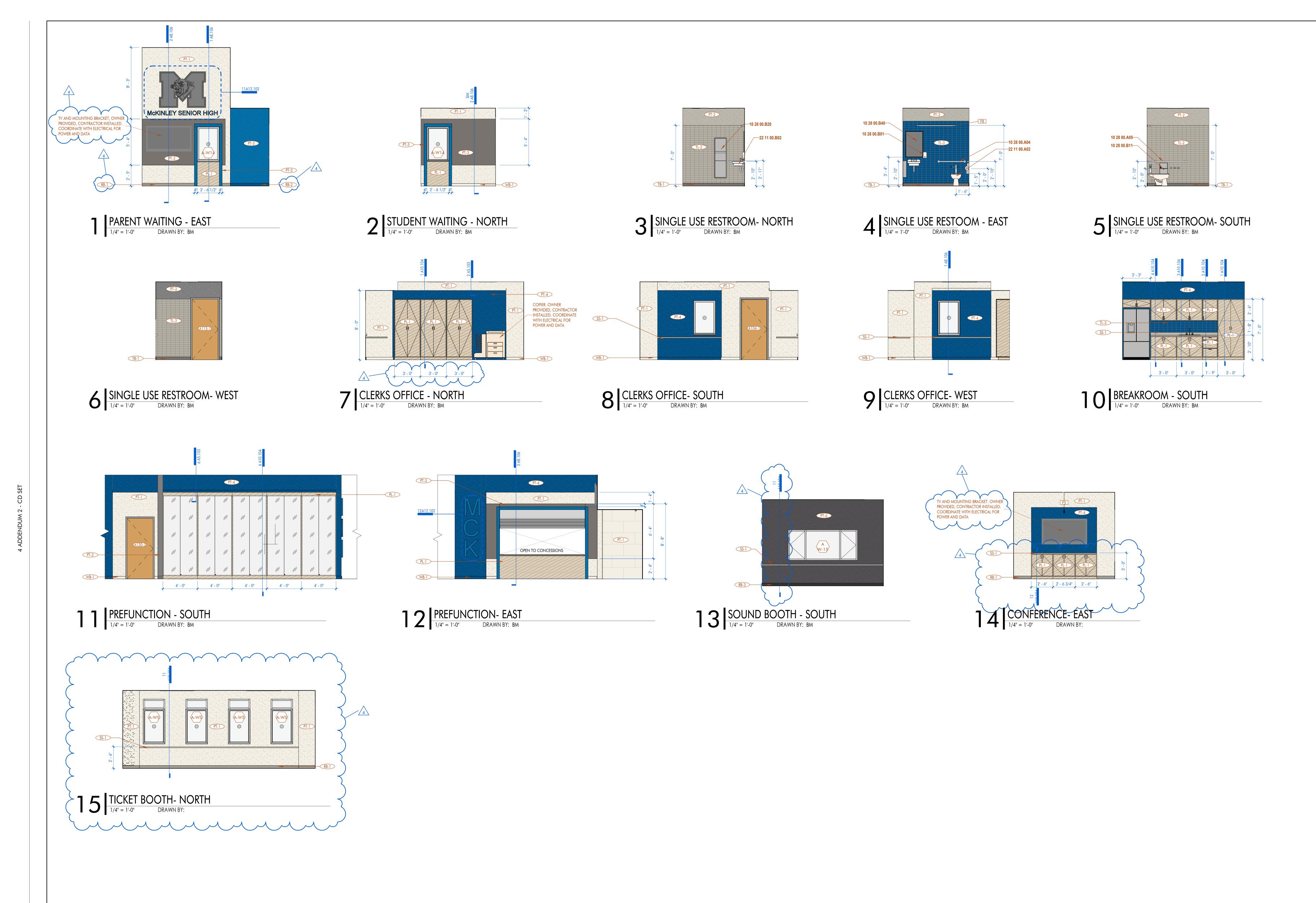
baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868

11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771

CA project #

date NOVEMBER 6, 2025

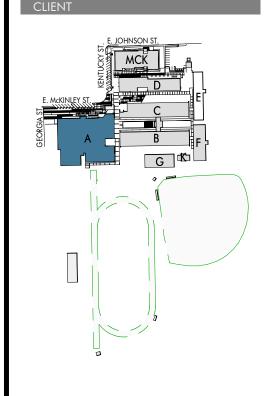
INTERIOR WALL SECTIONS- BLDG A

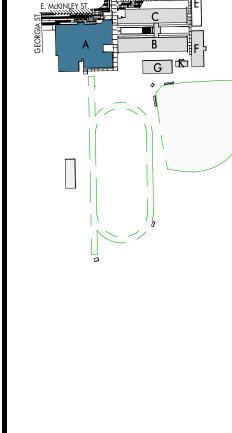


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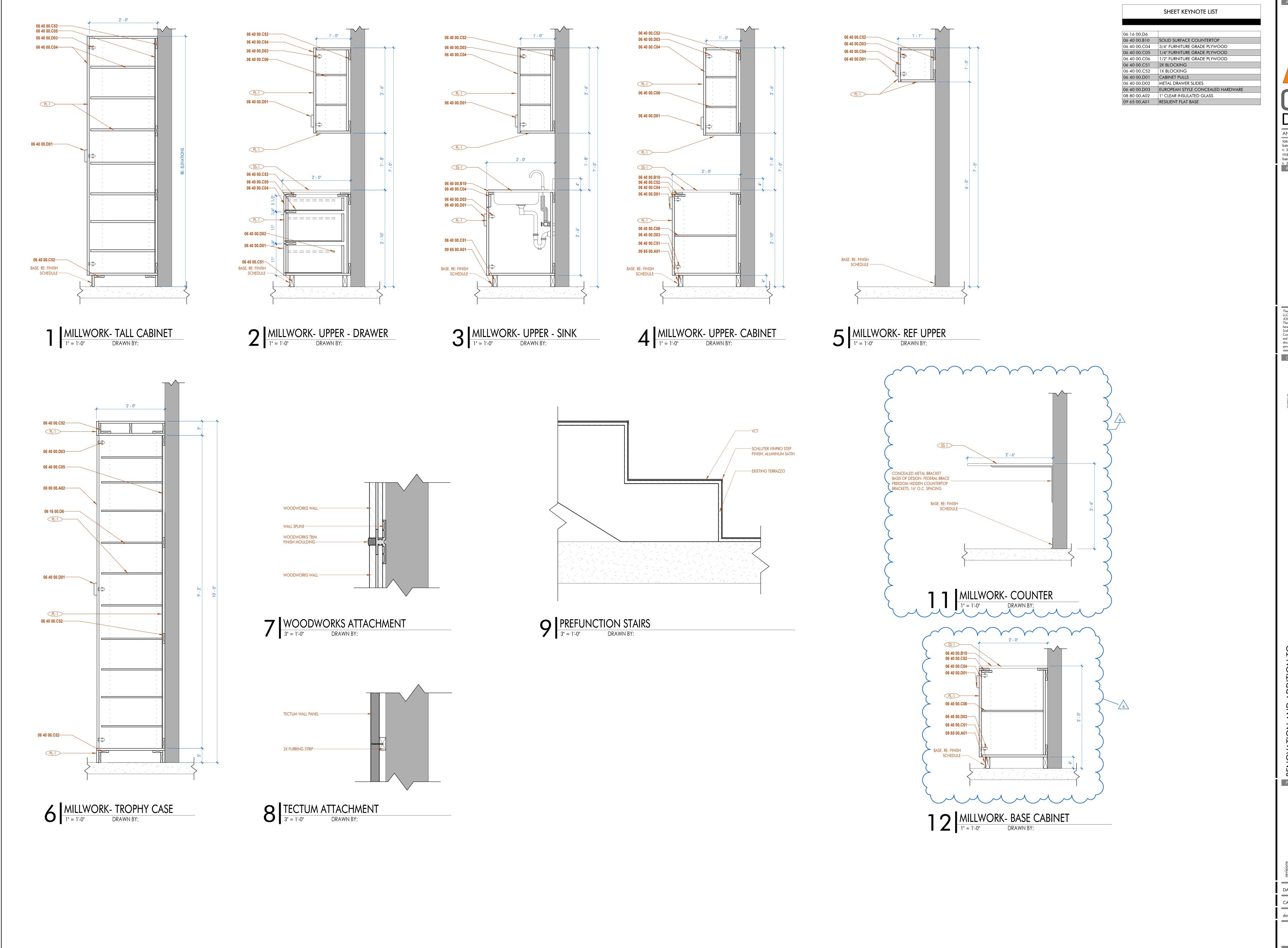


McKINLEY SENIOR HIGH SCHOOL

C24-0038 DA project #

CA project #

date NOVEMBER 6, 2025 INTERIOR ELEVATIONS-BLDG A

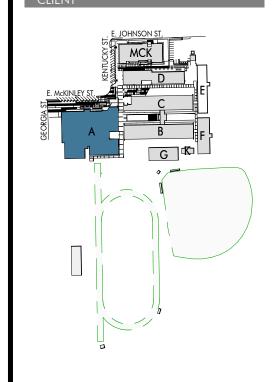


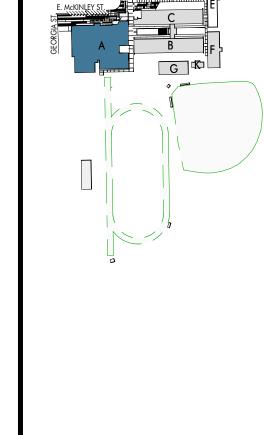
DOMAIN AN ARCHITECTURAL JOINT VENTURE





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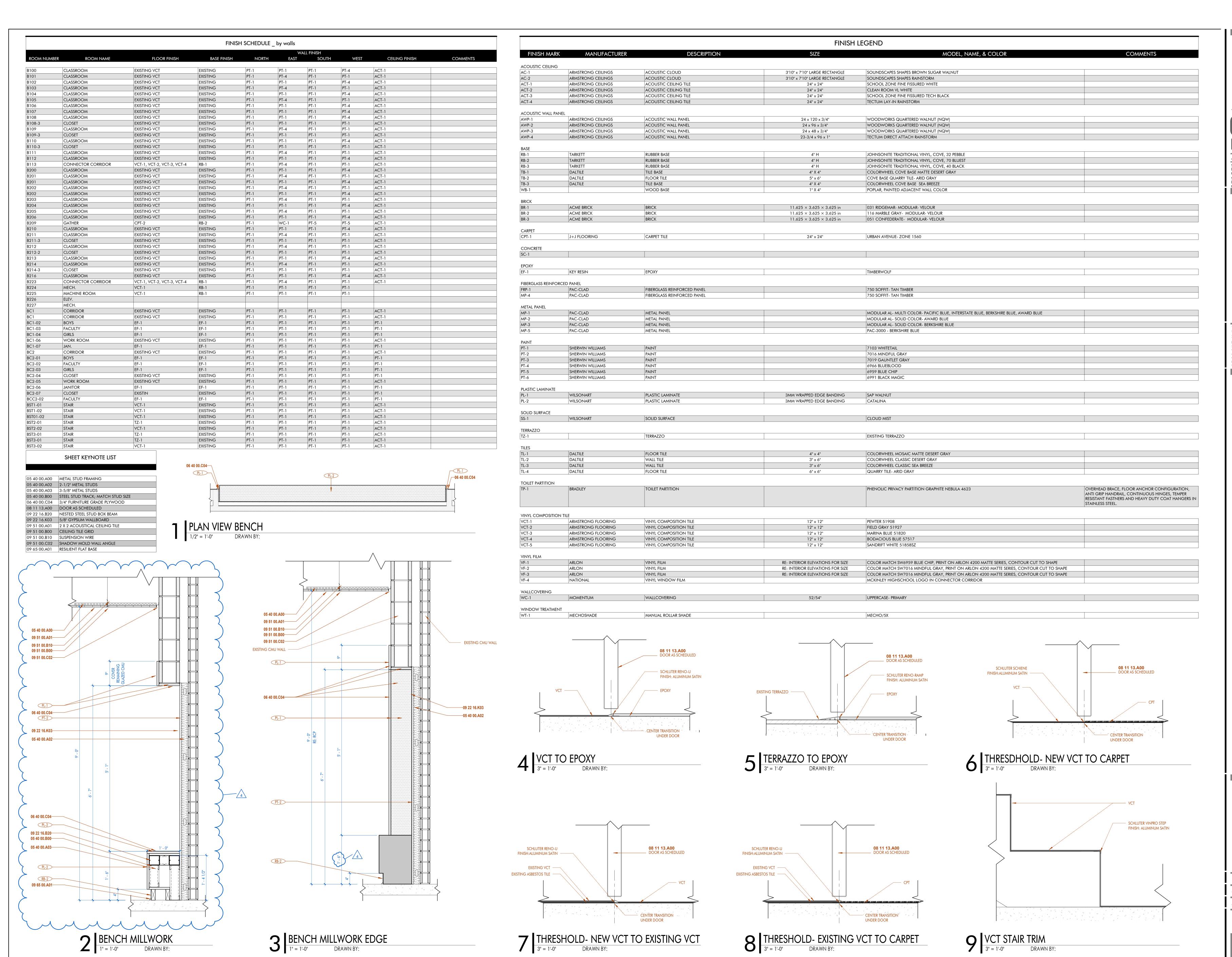


SENIOR HIGH

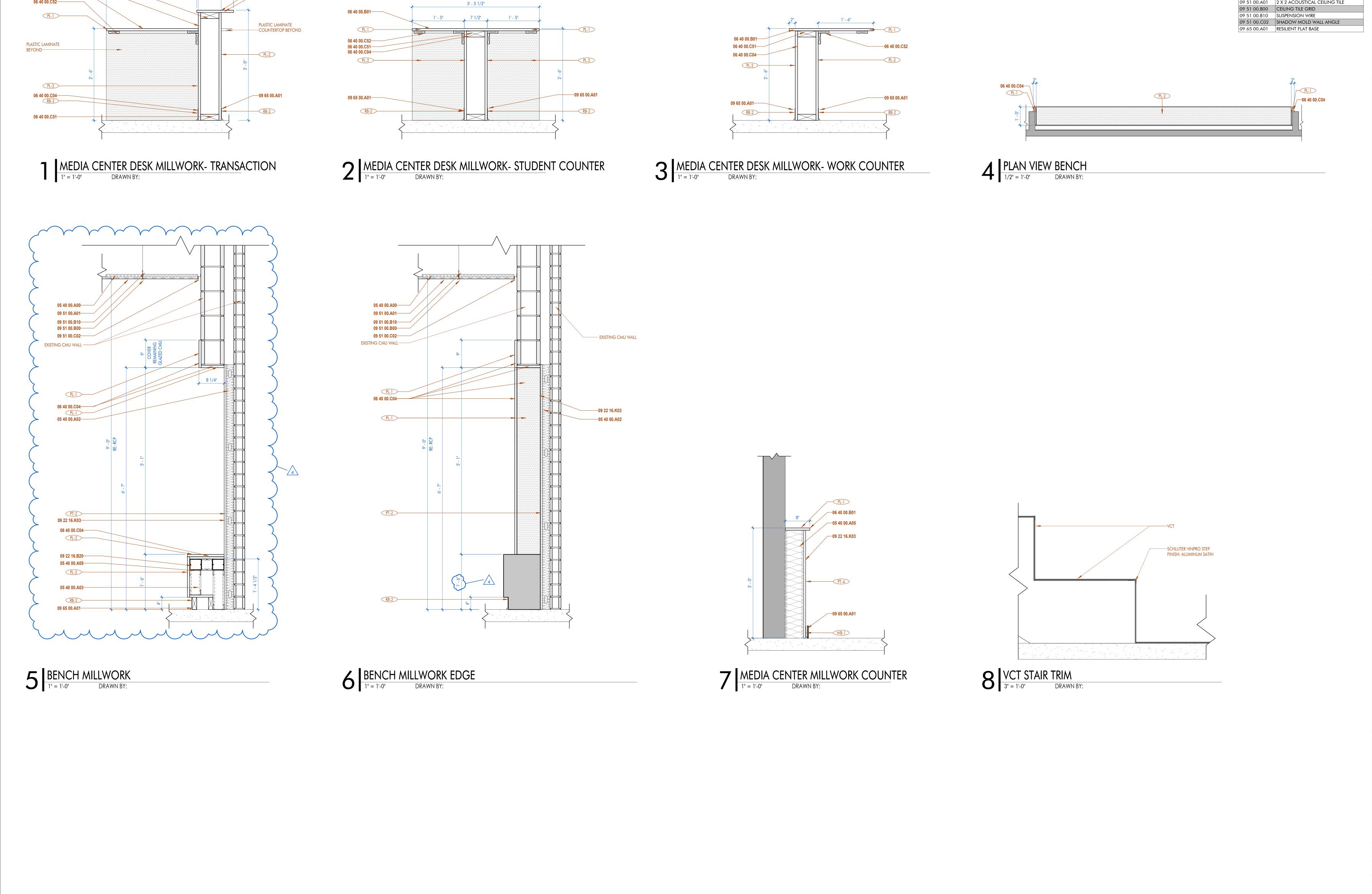
C24-0038 DA project # CA project #

date NOVEMBER 6, 2025

MILLWORK DETAILS-BLDG A



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06 40 00.C51—

06 40 00.C04—

06 40 00.B01—

06 40 00.C52

C24-0038 DA project # CA project # date NOVEMBER 6, 2025 MILLWORK DETAILS-BLDG C

SHEET KEYNOTE LIST

06 40 00.B01 PLASTIC LAMINATE COUNTER TOP 06 40 00.C04 3/4" FURNITURE GRADE PLYWOOD

09 22 16.B20 NESTED STEEL STUD BOX BEAM

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10626 linkwood ct, suite a

baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868

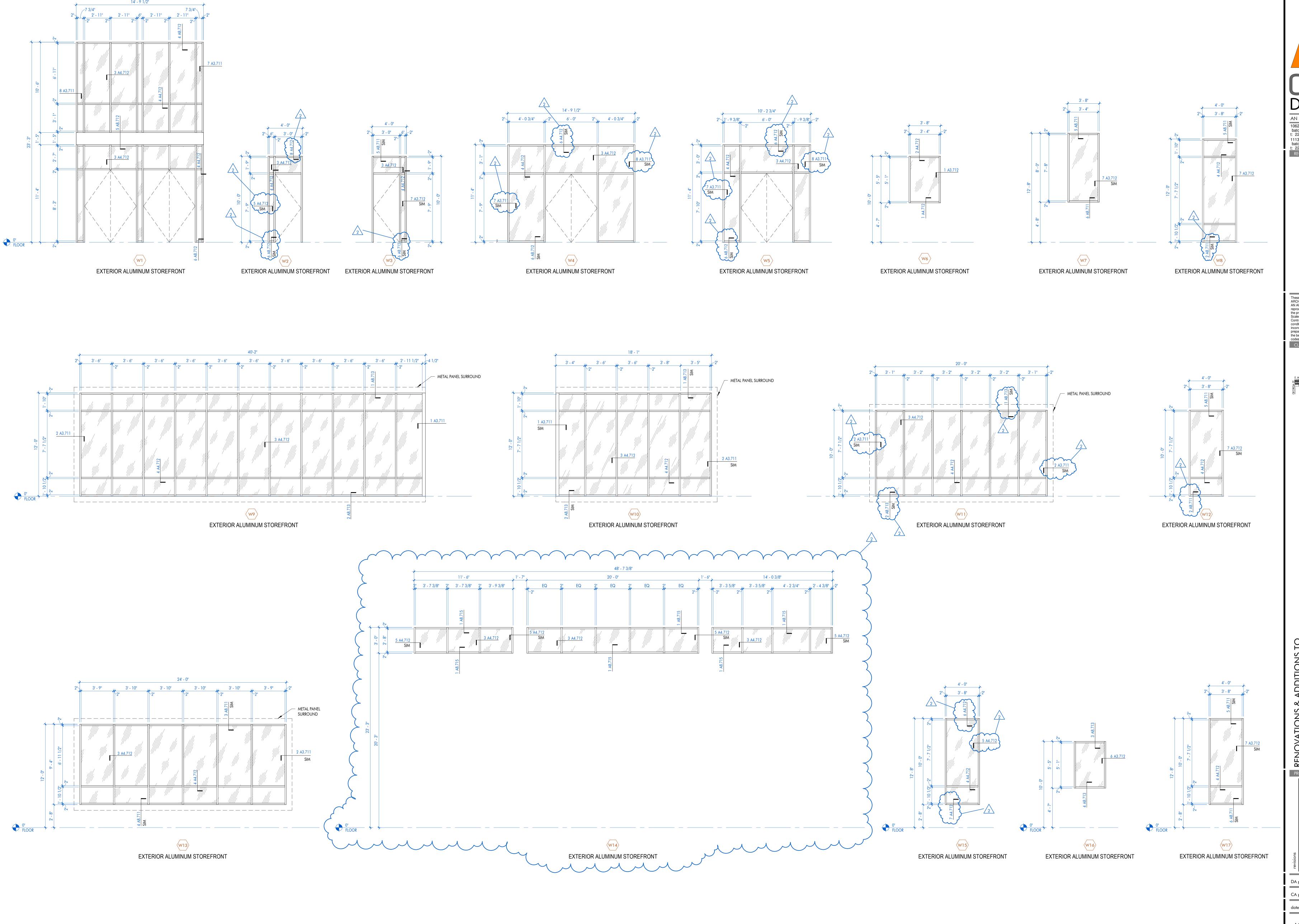
11130 industriplex blvd, suite 200

baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771

09 22 16.K03 5/8" GYPSUM WALLBOARD 09 51 00.A01 2 X 2 ACOUSTICAL CEILING TILE

05 40 00.A00 METAL STUD FRAMING 05 40 00.A02 2-1/2" METAL STUDS 05 40 00.A03 3-5/8" METAL STUDS 05 40 00.A05 6" METAL STUDS

06 40 00.C51 2X BLOCKING 06 40 00.C52 1X BLOCKING



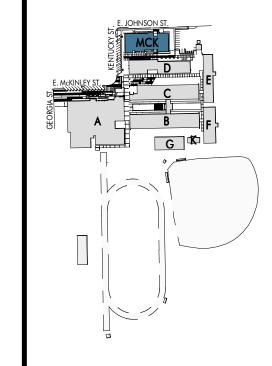
CHASINA ARCHITECTURAL JOINT VENTURE

10626 linkwood ct, suite a baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868 11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771

REGISTRATION



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NOVATIONS & ADDITIONS TO ACKINLEY SENIOR HIGH SCHOOL

No. Description

2 ADDENB&Milan &D SET 11-DtH29

2 ADDENB&Milan &D SET 11-DtH29

NEW

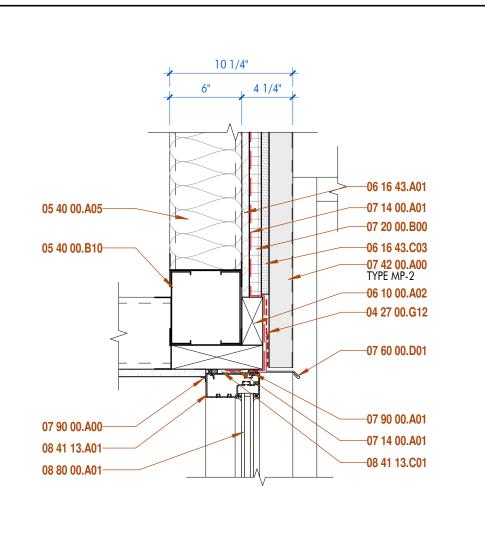
DA project # C24-0038

CA project # 24009

date NOVEMBER 6, 2025

WINDOW ELEVATIONS

A4.711



B HJS DTL - SF HEAD - MP TYPE MP-2

1 1/2" = 1'-0" DRAWN BY:

─07 20 00.A00

---07 14 00.A01

---06 16 43.A01

---07 20 00.B00

**07 42 00.A00**TYPE MP-1

1" TINTED INSULATED GLASS

1" TINTED INSULATED GLASS

PREFINISHED EXTERIOR ALUMINUM STOREFRONT VERTICAL MULLION

- 1" TINTED INSULATED GLASS

PREFINISHED EXTERIOR ALUMINUM STOREFRONT VERTICAL MULLION

09 22 16.K03— 06 10 00.A02—

09 22 16.K03— 07 90 00.A00— 08 41 13.A01—

08 80 00.A01—

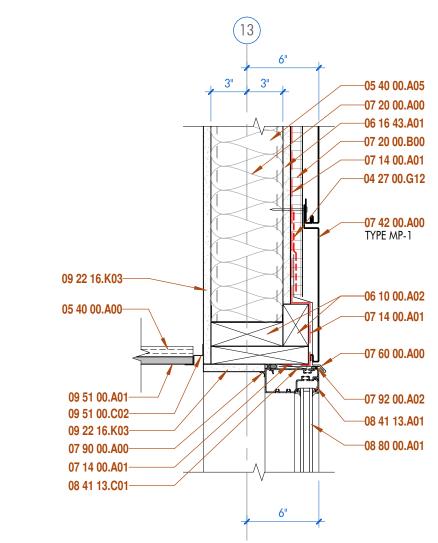
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08 41 13.C01—

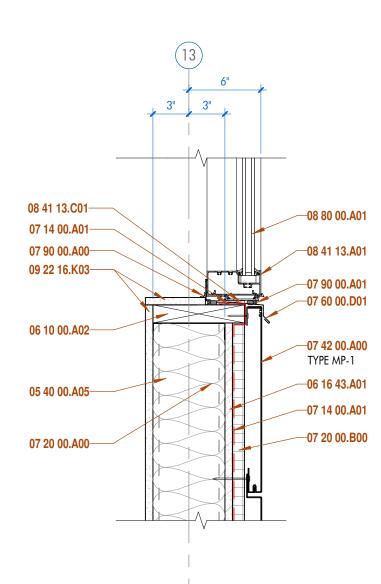
07 90 00.A01— 07 42 00.A00—

5 STOREFRONT JAMB

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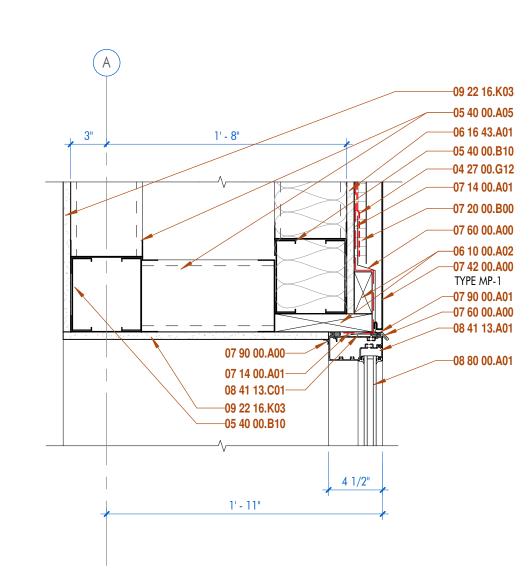


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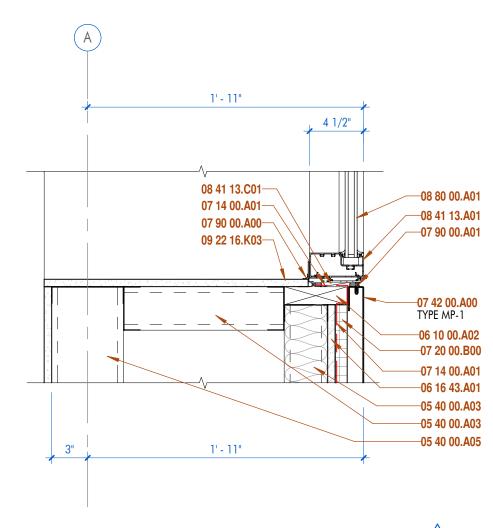
T STOREFRONT SILL

1 1/2" = 1'-0" DRAWN BY:

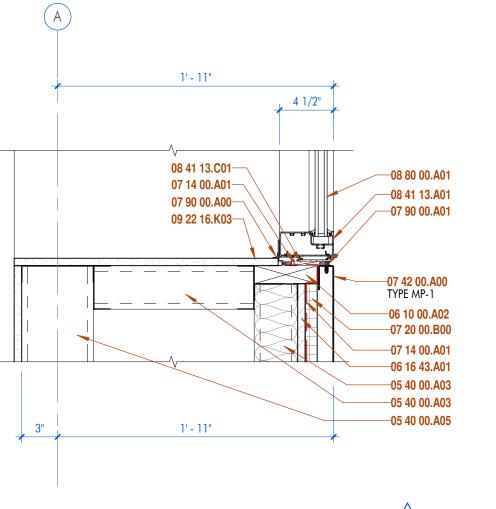


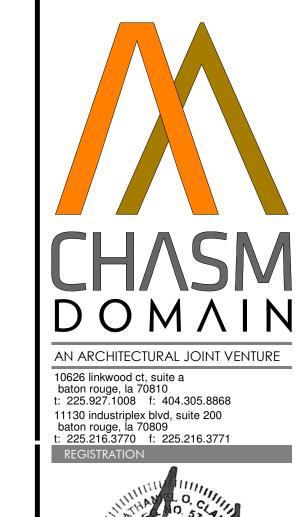
2 STOREFRONT HEAD

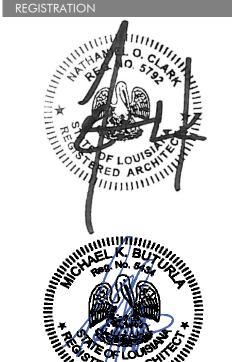
1 1/2" = 1'-0" DRAWN BY:



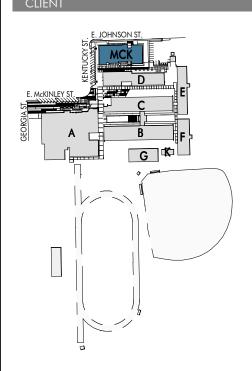
4 STOREFRONT HORIZONTAL MULLION
3" = 1'-0" DRAWN BY:





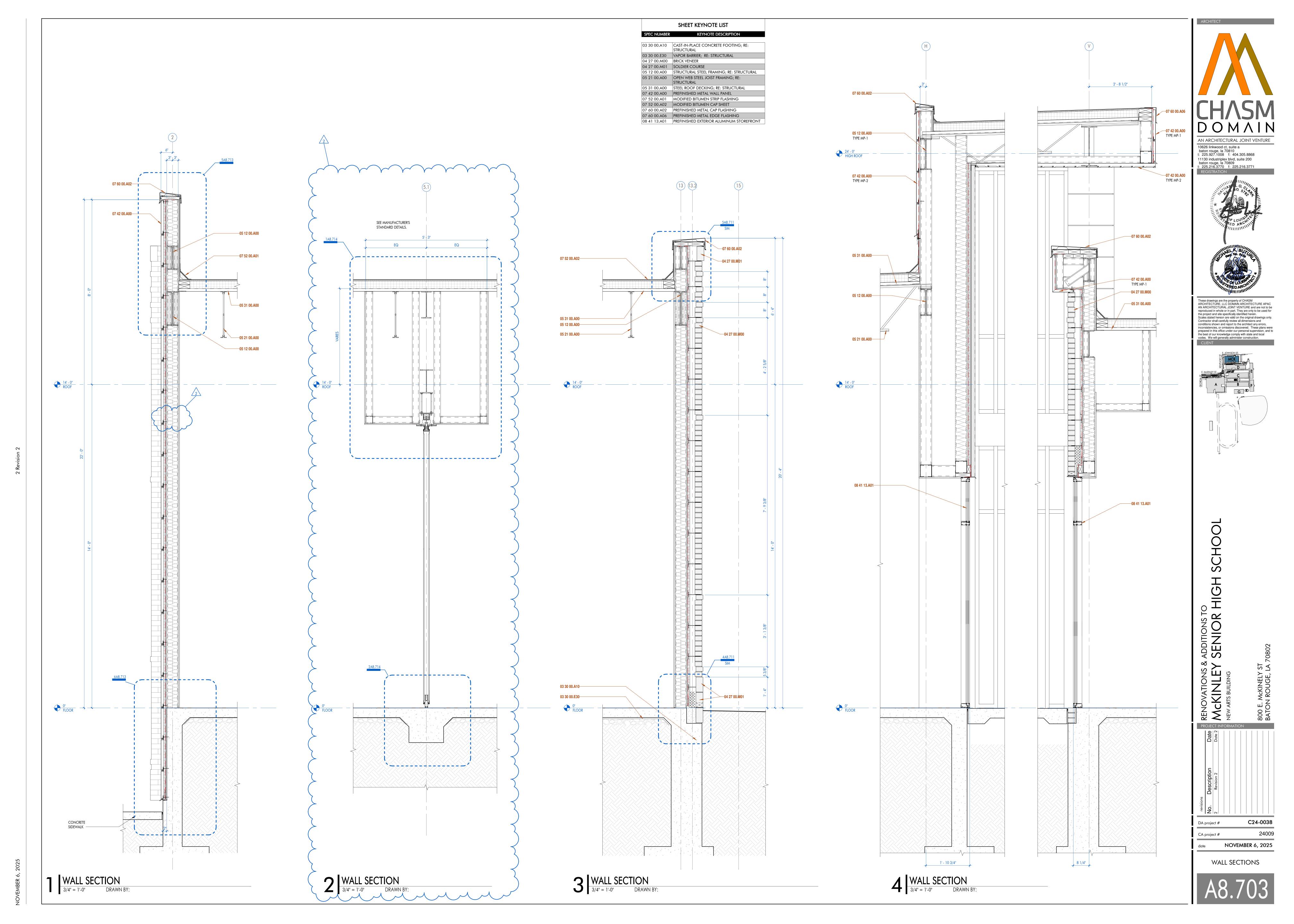


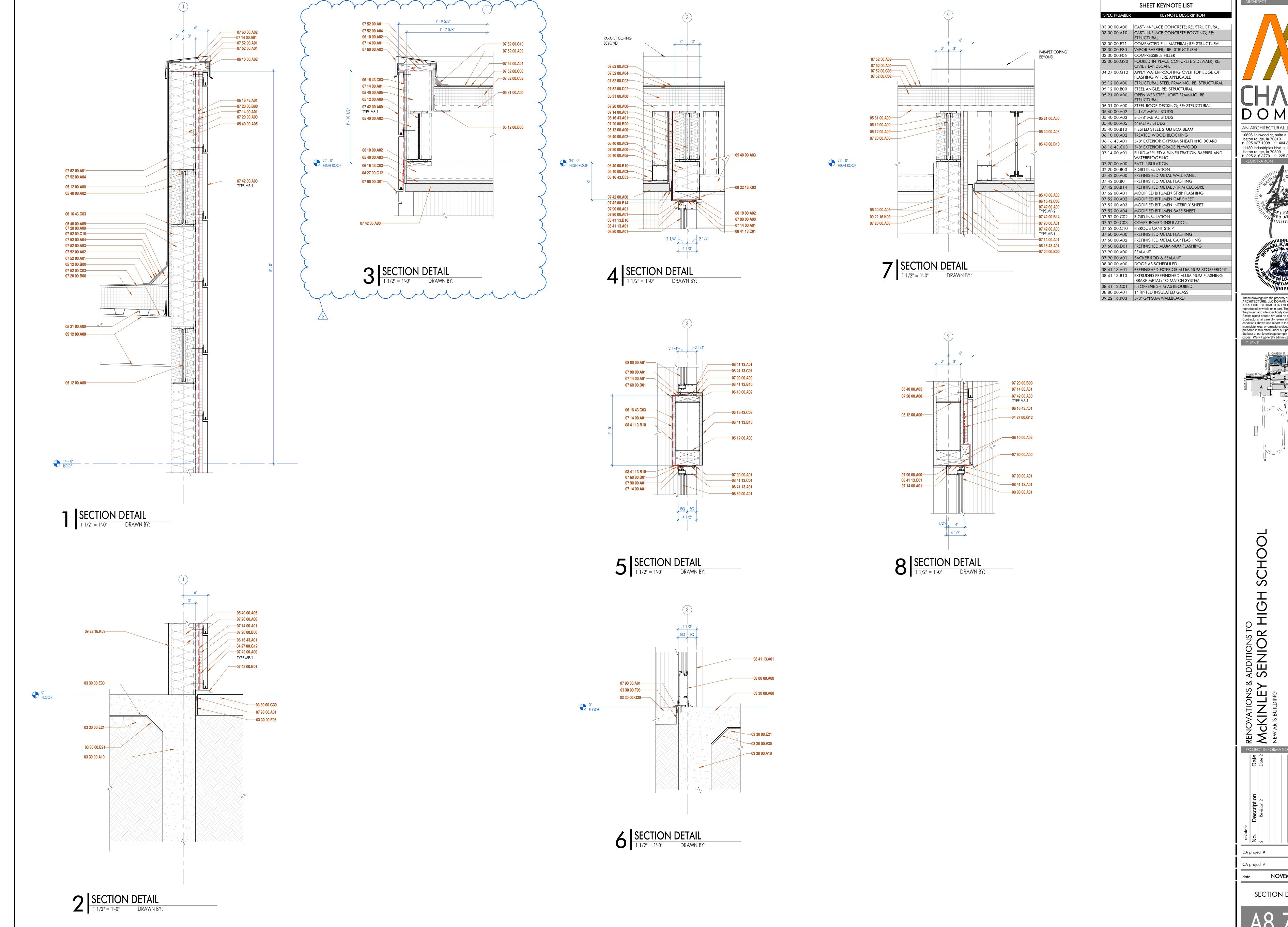
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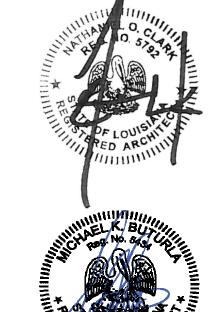
C24-0038 DA project # CA project #

NOVEMBER 6, 2025 WINDOW DETAILS

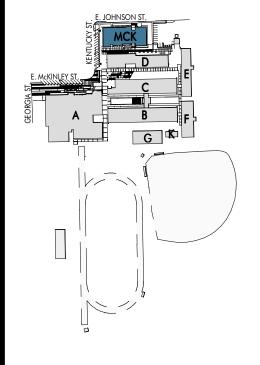




AN ARCHITECTURAL JOINT VENTURE 10626 linkwood ct, suite a baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868 11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771

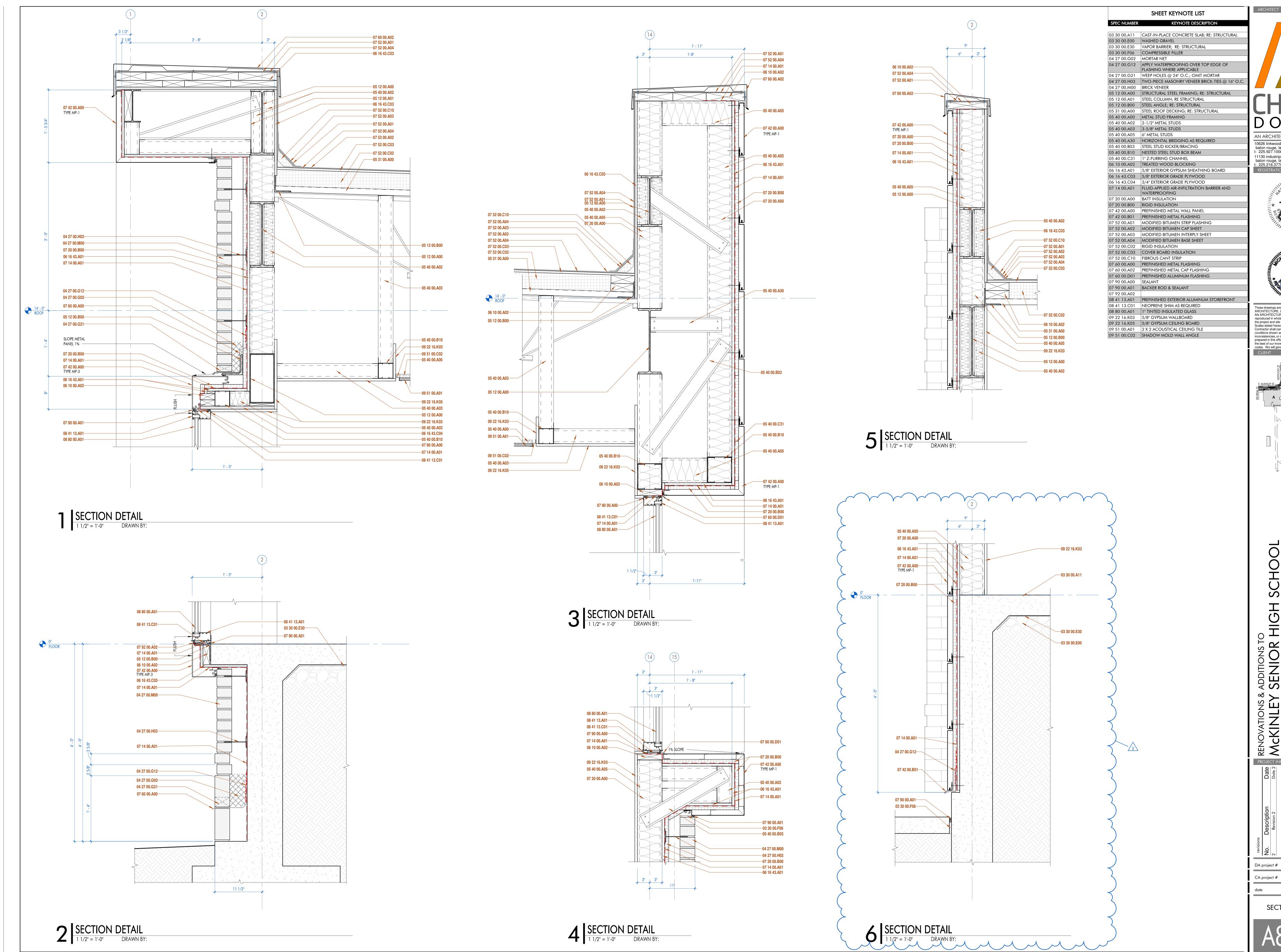


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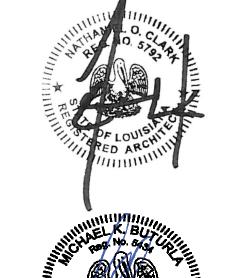


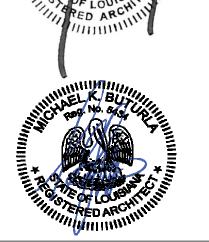
date NOVEMBER 6, 2025

SECTION DETAILS

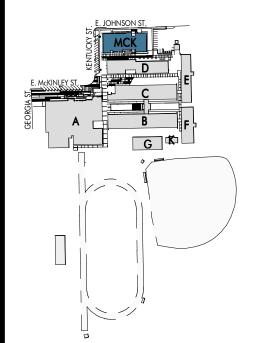


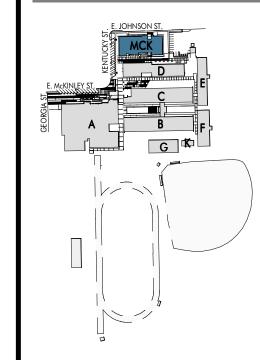
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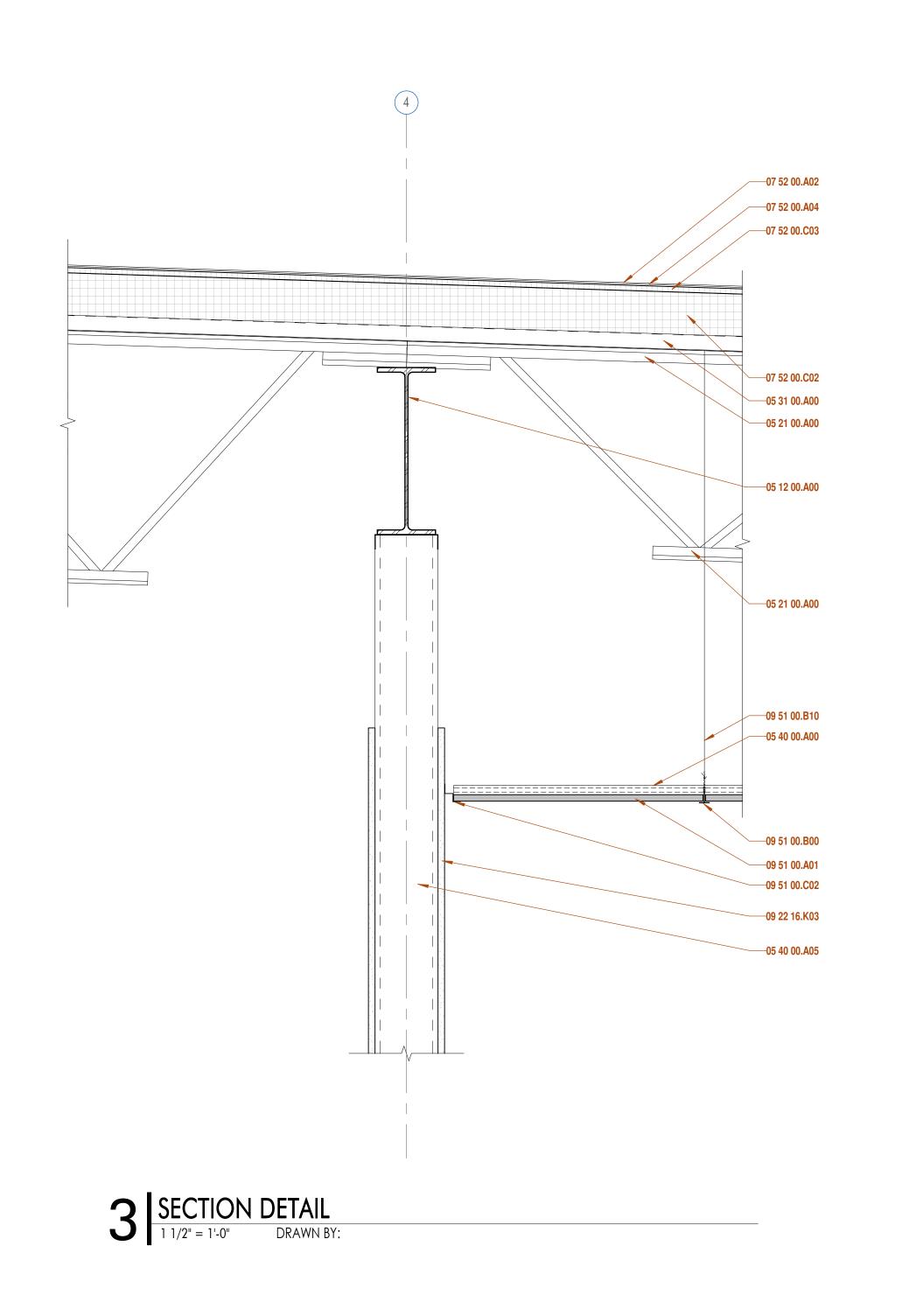




C24-0038

NOVEMBER 6, 2025

SECTION DETAILS



SHEET KEYNOTE LIST

SPEC NUMBER KEYNOTE DESCRIPTION 03 30 00.A00 CAST-IN-PLACE CONCRETE; RE: STRUCTURAL 03 30 00.E00 WASHED GRAVEL

03 30 00.E30 VAPOR BARRIER; RE: STRUCTURAL

05 12 00.A00 STRUCTURAL STEEL FRAMING; RE: STRUCTURAL O5 21 00.A00 OPEN WEB STEEL JOIST FRAMING; RE: STRUCTURAL

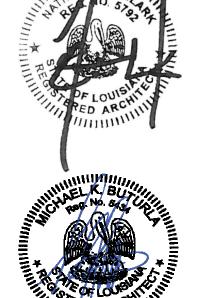
05 31 00.A00 STEEL ROOF DECKING; RE: STRUCTURAL 05 40 00.A00 METAL STUD FRAMING 05 40 00.A03 3-5/8" METAL STUDS

05 40 00.A05 6" METAL STUDS 05 40 00.B10 NESTED STEEL STUD BOX BEAM 07 52 00.A02 MODIFIED BITUMEN CAP SHEET 07 52 00.A04 MODIFIED BITUMEN BASE SHEET 07 52 00.C02 RIGID INSULATION

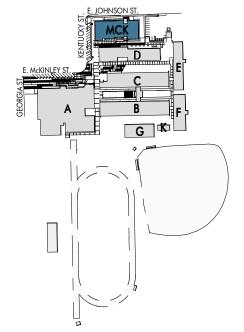
07 52 00.C03 COVER BOARD INSULATION 09 22 16.K03 5/8" GYPSUM WALLBOARD 09 22 16.K05 5/8" GYPSUM CEILING BOARD 09 51 00.A01 2 X 2 ACOUSTICAL CEILING TILE

09 51 00.B00 CEILING TILE GRID 09 51 00.B10 SUSPENSION WIRE 09 51 00.C02 SHADOW MOLD WALL ANGLE

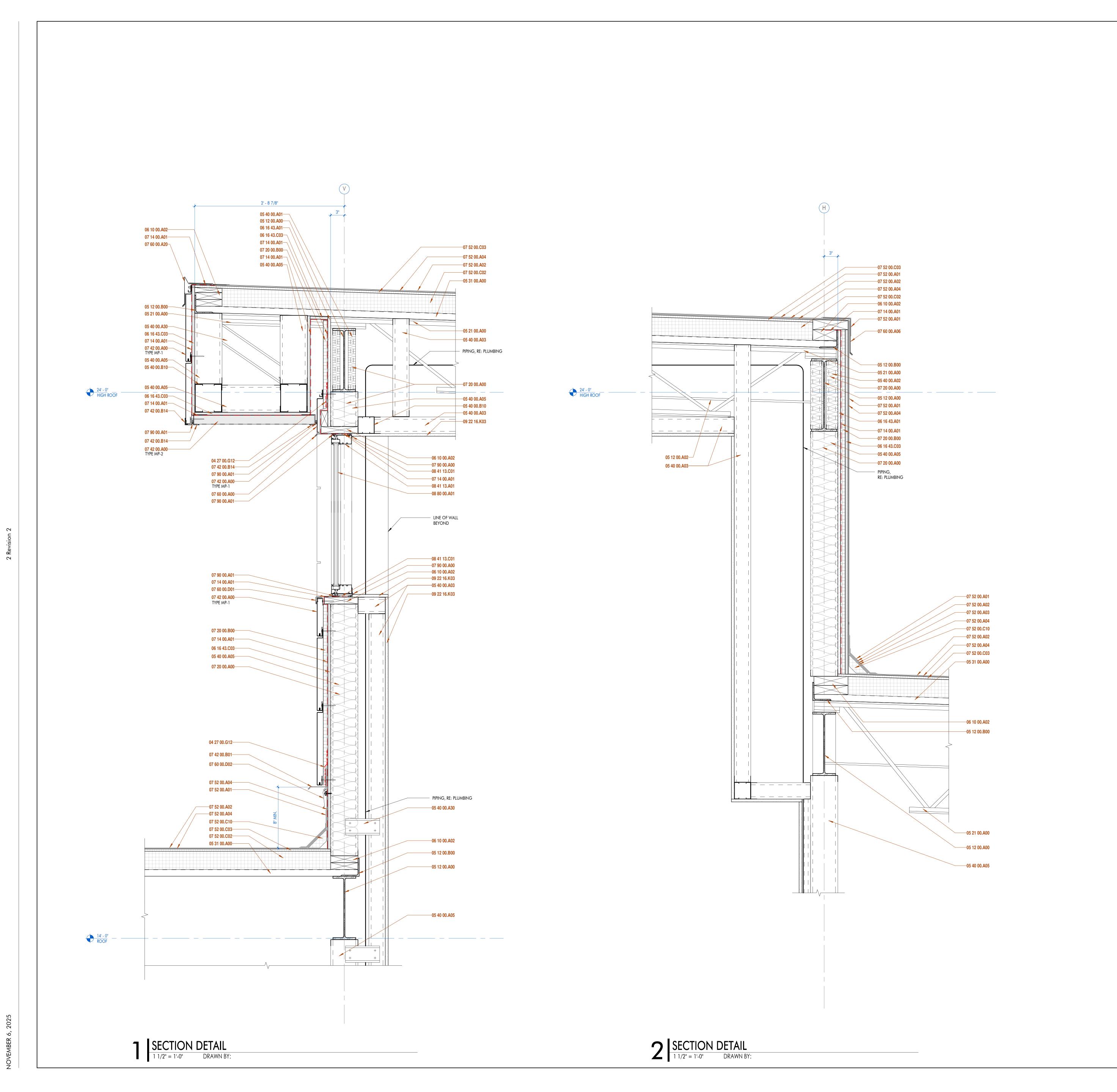
AN ARCHITECTURAL JOINT VENTURE 10626 linkwood ct, suite a baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868 11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771 REGISTRATION



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SECTION DETAILS



SHEET KEYNOTE LIST

SPEC NUMBER KEYNOTE DESCRIPTION 04 27 00.G12 APPLY WATERPROOFING OVER TOP EDGE OF

FLASHING WHERE APPLICABLE 05 12 00.A00 STRUCTURAL STEEL FRAMING; RE: STRUCTURAL

05 12 00.A02 STEEL BEAM; RE STRUCTURAL 05 12 00.B00 STEEL ANGLE; RE: STRUCTURAL 05 21 00.A00 OPEN WEB STEEL JOIST FRAMING; RE:

STRUCTURAL 05 31 00.A00 STEEL ROOF DECKING; RE: STRUCTURAL 05 40 00.A01 1-5/8" METAL STUDS

05 40 00.A02 2-1/2" METAL STUDS 05 40 00.A03 3-5/8" METAL STUDS

05 40 00.A05 6" METAL STUDS 05 40 00.A30 HORIZONTAL BRIDGING AS REQUIRED 05 40 00.B10 NESTED STEEL STUD BOX BEAM

06 10 00.A02 TREATED WOOD BLOCKING 06 16 43.A01 5/8" EXTERIOR GYPSUM SHEATHING BOARD 06 16 43.C03 5/8" EXTERIOR GRADE PLYWOOD

07 14 00.A01 FLUID-APPLIED AIR-INFILTRATION BARRIER AND WATERPROOFING

07 20 00.A00 BATT INSULATION 07 20 00.B00 RIGID INSULATION 07 42 00.A00 PREFINISHED METAL WALL PANEL 07 42 00.B01 PREFINISHED METAL FLASHING 07 42 00.B14 PREFINISHED METAL J-TRIM CLOSURE

07 52 00.A01 MODIFIED BITUMEN STRIP FLASHING 07 52 00.A02 | MODIFIED BITUMEN CAP SHEET 07 52 00.A03 MODIFIED BITUMEN INTERPLY SHEET 07 52 00.A04 MODIFIED BITUMEN BASE SHEET 07 52 00.C02 RIGID INSULATION

07 52 00.C03 COVER BOARD INSULATION 07 52 00.C10 FIBROUS CANT STRIP 07 60 00.A00 PREFINISHED METAL FLASHING 07 60 00.A06 PREFINISHED METAL EDGE FLASHING

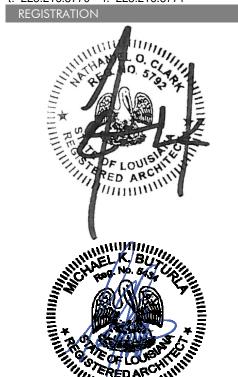
07 60 00.A20 GRAVEL STOP 07 60 00.D01 PREFINISHED ALUMINUM FLASHING 07 60 00.D02 PREFINISHED ALUMINUM COUNTERFLASHING

07 90 00.A00 SEALANT 07 90 00.A01 BACKER ROD & SEALANT

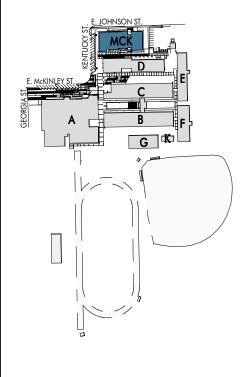
08 41 13.A01 PREFINISHED EXTERIOR ALUMINUM STOREFRONT 08 41 13.C01 NEOPRENE SHIM AS REQUIRED 08 80 00.A01 1" TINTED INSULATED GLASS

09 22 16.K03 5/8" GYPSUM WALLBOARD

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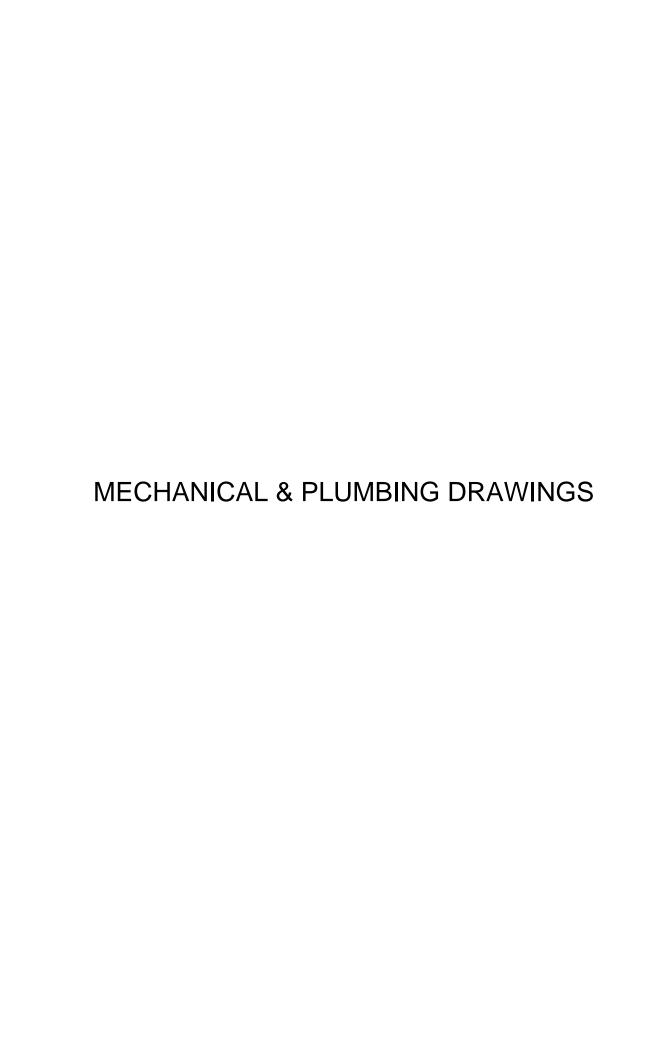


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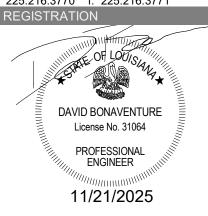
SENIOR TO SENIOR

date NOVEMBER 6, 2025 SECTION DETAILS



Registration: 0005857 Project No: 2550-00603





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THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW DA project # DAVID BONAVENTURE, P.E. 31064
ON NOVEMBER 6, 2025.
IT IS NOT TO BE USED FOR
CONSTRUCTION PURPOSES. CA project #

UNDER THE AUTHORITY OF

Salas O'Brien.

Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

C24-0038

**NOVEMBER 6, 2025** 

MECHANICAL FLOOR PLANS - BLDG. A

OVERALL MECHANICAL PLAN - BUILDING A

# **MECHANICAL KEYED NOTES**

- (1) EXHAUST DUCT UP TO ROOF HOOD. PROVIDE GREENHECK MODEL GRSR SIZE 8 OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. LOCATE EXHAUST MIN 10'-0" FROM ALL BUILDING OUTSIDE AIR INLETS. (RE:
- (2) CONNECT INSULATED HOT WATER PIPING FROM OUTDOOR BOILER <u>B-1</u> TO EXISTING HOT WATER. PIPING SERVING BUILDING A AT SAME SIZE AS EXISTING. VERIFY SIZE OF PIPING PRIOR TO ROUGH IN.
- (3) ROUTE HOT WATER SUPPLY DOWN THROUGH ROOF TO BOILER <u>B-1.</u>
- 4 BOILER FLUE VENT CAP. ALL EXISTING MECHANICAL ROOF EQUIPMENT AND ASSOCIATED ROOF CURBS TO REMAIN AND BE PROTECTED FOR REUSE AFTER REROOFING. REFER TO ARCHITECTURAL

SET FOR EXACT LOCATION OF EQUIPMENT.  11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771 REGISTRATION DAVID BONAVENTURE License No. 31064 PROFESSIONAL ENGINEER 11/21/2025

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DA project #

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Salas O'Brien

salasobrien.com
Baton Rouge
5215 Essen Lane, Suite 100
Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

CA project # date NOVEMBER 6, 2025

MECHANICAL ROOF PLAN - BLDG. A

C24-0038

(E)18/16

1 ENLARGED MECHANICAL PLAN - LOBBY - BUILDING A
Scale: 1/4" = 1'-0"

### **MECHANICAL GENERAL NOTES**

1.) ALL DUCT SIZES SHOWN ARE INSIDE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED. 2.) COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.

3.) ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DÍPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZRC" COLD GALVANIZING COMPOUND.

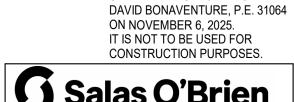
4.) SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL. 5.) REFER TO ARCHITECTURAL FOR ALL SOFFIT GRILLE MOUNTING

# **MECHANICAL KEYED NOTES**

- 1 PROVIDE 4" THICK REINFORCED CONCRETE HOUSEKEEPING PAD. SIZE PAD PER UNIT MANUFACTURERS RECOMMENDATIONS. (RE: 11/M4.102)
- ROUTE REFRIGERANT LINES UP OUTSIDE EXTERIOR WALL. PENETRATE WALL IN CEILING SPACE, FIELD ROUTE TO RESPECTIVE INDOOR UNIT. PROVIDE EXTERIOR PIPE WITH LINESIDE HIDE. (RE: 8/M4.102)
- (3) ROUTE FULL SIZED INSULATED CONDENSATE DRAIN WITH AIR GAP TO FLOOR DRAIN. COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION FLOOR DRAIN. (RE: 5/M4.102)
- 4 PROVIDE 4" DEEP AUXILIARY CONDENSATE DRAIN PAN WITH FLOAT SWITCH BENEATH UNIT. (RE: 1/M4.102)
- (5) CONTRACTOR TO SUSPEND MECHANICAL EQUIPMENT FROM STRUCTURE WITH THREADED RODS AND UNISTRUT SUPPORTS. PROVIDE VIBRATION ISOLATION.
- (6) CONTRACTOR TO ENSURE CONDENSATE PUMP FOR THIS UNIT IS SUFFICIENT TO MEET THE REQUIRED 1/8" PER 1' FALL REQUIREMENTS.
- 7 PROVIDE GREENHECK LOUVER MODEL ESD-435-26X18 WITH MINIMUM FREE AREA OF 1.3 SF AND INSECT SCREEN. COORDINATE WITH ARCHITECT FOR COLOR SELECTION. MOUNT BOTTOM OF LOUVER AT 10'-4" AFF. (RE: 4/M4.102)
- (8) RELOCATE EXISTING SUPPLY AIR GRILLE AS INDICATED BY ARROW. EXTEND DUCT AS REQUIRED TO PREVENT FLEX DUCT FROM EXCEEDING 6'. REBALANCE DIFFUSER TO CFM SHOWN. IF BALANCING DAMPER IS MISSING OR INOPERABLE REPLACE BALANCING DAMPER. CONTRACTOR TO FIELD VERIFY EXACT TIE-IN LOCATION PRIOR TO CONSTRUCTION.
- (9) MOUNT UNIT HIGH ON DOOR ABOVE DOOR.
- (10) MOUNT UNIT 10'-0" AFF TO EXTERIOR WALL.
- (11) ROUTE (SIZE AS SHOWN) INSULATED CONDENSATE DRAIN TO HUB DRÀIN AND TERMINATE WITH AIR GAP MINIMUM 1". COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION OF HUB DRAIN. (RE: 5/M4.102)
- (12) EXISTING SUPPLY TRUNK DUCT TO REMAIN.
- 73 PROVIDE A BRANCH SELECTOR BOX IN AN ACCESSIBLE LOCATION IN THIS VICINITY. PROVIDE DRAIN PAN UNDER BRANCH SELECTOR AND EXTEND UNDER BALL VALVES. OTHER MANUFACTURER'S BRANCH CONTROLLERS SHALL BE LOCATED IN THE SAME EXACT LOCATION. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COST ASSOCIATED WITH THE CHANGE OF QUANTITY AND/OR LOCATION OF OTHER MANUFACTURER'S BRANCH CONTROLLERS.
- TYPE "K" HARD COPPER SHALL BE USED FOR ALL REFRIGERANT LINES FROM THE OUTDOOR UNITS TO ITS ASSOCIATED BRANCH CONTROLLER AND IN ALL AREAS WHERE COPPER WILL BE EXPOSED (TYPICAL). CONTRACTOR SHALL ROUTE REFRIGERANT PIPING NEAT AND STRAIGHT. ALL PIPING INSULATION SHALL BE PROTECTED FROM COMPRESSION BY USE OF SHEETMETAL SADDLES AT HANGER LOCATIONS. CARE SHALL BE TAKEN SO THAT INSULATION IS NOT TORN OR DAMAGED BY HANGERS.
- (15) TYPE "L" SOFT COPPER SHALL BE USED FOR REFRIGERANT LINES FROM THE BRANCH CONTROLLER TO EACH VRF INDOOR UNIT OFF OF THAT SYSTEM (TYPICAL). ALL PIPING INSULATION SHALL BE PROTECTED FROM COMPRESSION BY USE OF SHEETMETAL SADDLES AT HANGER LOCATIONS. CARE SHALL BE TAKEN SO THAT INSULATION IS NOT TORN OR DAMAGED BY HANGERS.
- PROVIDE NEW OUTDOOR RATED CHEMICAL FEEDER FOR HOT WATER SYSTEM. ASSOCIATED DRAIN LINES FOR DRAINING SYSTEM SHALL BE PROVIDED WITH SHUT OFF VALVES. ROUTE DRAIN LINE TO FLOOR DRAIN AND TERMINATE WITH AIR GAP.
- ROUTE HOT WATER PIPE UP THROUGH ROOF.
- (18) EXTEND BOILER FLUE DUCT (SIZE AS SHOWN) UP THROUGH ROOF TO FLUE VENT. (RE: 12/M4.102)
- (19) EXISTING TO REMAIN. CONTRACTOR TO CLEAN AND VERIFY IN OPERABLE WORKING CONDITION.
- PROVIDE EXPANSION TANK IN THIS VICINITY. TANK SHALL HAVE A MINIMUM VOLUME OF 23 GALLONS AND MINIMUM ACCEPTANCE VOLUME OF 23 GALLONS. BASIS OF DESIGN TACO CA90 OR APPROVED EQUAL. MAINTAIN ANUFACTURER
- RECOMMENDED CLEARANCES. (RE 1/M4.103) 21) ROUTE BOILER POPOFF AND DRAIN TO EXISTING ADJACENT
- CATCH BASIN FOR STORM. PROVIDE 208V, 2HP NEMA 1 VFD FOR PHWP-1.

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Registration: 0005857 Project No: 2550-00603

Baton Rouge, LA 70809

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DITION TO NICE

C24-0038 DA project # CA project #

**NOVEMBER 6, 2025** MECHANICAL ENLARGED FLOOR PLANS - BLDG. A

				DAMP	ER	
MARK	ACTUATOR	DUTY	BLADE ACTION	MANUFACTURER	MODEL NUMBER	REMARKS
D-1	MANUAL BALANCING	UNDER 9" WIDE	N/A	N/A	N/A	SEE SMACNA CONSTRUCTION DETAILS REFERENCED "TYPICAL CONSTRUCTION DETAILS FOR LOW VELOCITY DUCTS."
D-2	MANUAL BALANCING	OVER 9" WIDE	OPPOSED	RUSKIN	MD-35	MANUAL DAMPER WITH STANDARD CONSTRUCTION FEATURES ANDVENTLOCK #639 LOCKING REGULATOR
D-3	MOTORIZED	OVER 9" WIDE	OPPOSED	RUSKIN	CD-60	LOW LEAKAGE DAMPER WITH BLADE SEALS
NOTES:						

N/A - NOT APPLICABLE

			PACK	AGED .	AIR CO	OLED C	HIL	LEF	?			
MARK	ACTUAL CAPACITY (TONS)	ENTERING WATER TEMP. (°F)	LEAVING WATER TEMP.(°F)	GPM	PRESSURE DROP (FT.)	AMBIENT AIR TEMP. (°F)	CURRE	NT CH	HARAC.	BASIS OF MCA	DESIGN MOCP	REMARKS
ACC-1	175	55	45	403	20.0	95 °F	480	3	60	370	400	ALL

GENERAL NOTES:

1. MAXIMUM FOULING FACTOR FOR THE EVAPORATOR IS 0.0001

2. MAINTAIN MINIMUM CLEARANCES REQUIRED BY CHILLER MANUFACTURER FOR PROPER AIRFLOW TO FANS AND UNIT. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON EQUIPMENT FOR SERVICE, MAINTENANCE AND

INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCES AS REQUIRED BY NEC.

REMARKS:

1. PROVIDE WITH LOW AMBIENT HEAD PRESSURE CONTROL.

2. PROVIDE WITH INTEGRAL MAIN ELECTRICAL DISCONNECT SWITCH.

B. PROVIDE WITH INSULATION ON ALL SUCTION LINES. 4. PROVIDE WITH POLYMER CONDENSER FANS AND COMPRESSOR BLANKETS.

					PUMP							
				HEAD	MOTOR	MAX.	CURRE	ENT CH	HARAC.		MODEL	
TAG	SERVICE	TYPE	GPM	(FT.)	HORSE POWER	RPM	V	Р	F	MANUFACTURER	NUMBER	REMARKS
CP-1	PRIMARY CHILLED WATER	HORIZONTAL END SUCTION	403	43.50	8	1770	480	3	60	GRUNDFOS	LF	1,2
CP-2	PRIMARY CHILLED WATER	HORIZONTAL END SUCTION	403	43.50	8	1770	480	3	60	GRUNDFOS	LF	1,2
PHWP-1	PRIMARY HEATING WATER	VERTICAL INLINE	60	45.00	2	2700	208	3	60	BELL & GOSSETT	E-80	1,2,3

GENERAL NOTES:
1. PUMP IS TO HAVE A NON-OVERLOADING MOTOR.

2. MINIMUM RECOMMENDED CLEARANCE AROUND A PUMP IS 24 INCHES. MAINTAIN MINIMUM CLEARANCES AS REQUIRED FOR SERVICE, MAINTENANCE, AND INSPECTION.

PROVIDE WITH VARIABLE FREQUENCY DRIVE.

2. PROVIDE SUCTION DIFFUSER AT PUMP INLET. 3. PUMP HEAD WAS COAGULATED ON PROJECTED PIPING ROUTE. CONTRACTOR SHALL VERIFY PUMP PROVIDES SUFFICIENT HEAD FOR ACTUAL PIPE

						NATUR	AL C	SAS E	BOILER	) <b>.</b>					
MARK	TYPE	MINIMUM GAS INPUT (BTUH)	MINIMUM HEAT OUTPUT (BTUH)	ENTERING WATER TEMP.(°F)	LEAVING WATER TEMP. (°F)	PRESSURE DROP (FT.H20)	GPM	FLUE SIZE	ELECTRIC CURREN V P		MANUFACTURER	MODEL NUMBER	MCA	MOCP	REMARKS
B-1 CO	ONDENSING	650,000	631,000	160	180	45.0	60.0	6"	120 1	60	LOCHINVAR	KBX	20	25	1,2,3

GENERAL NOTES:
1. PROVIDE 8 OUNCE GAS PRESSURE TO BOILER.

ROUTING.

2. MAINTAIN MINIMUM CLEARANCE AROUND A BOILER OF 24 INCHES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS FOR SERVICE, MAINTENANCE AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCES AS REQUIRED BY NEC.

PROVIDE WITH CIRCULATING PUMP, SIZED BY BOILER MANUFACTURER TO ENSURE CONSTANT FLOW THROUGH BOILER. PUMP TO BE SHIPPED LOOSE. POWER BY ELECTRICAL CONTRACTOR BUT CONTROLLED BY BOILER. CONTRACTOR TO WIRE FROM BOILER PUMP CONTROL CIRCUIT TO PUMP STARTER RELAY.

. PROVIDE SEALED COMBUSTION BOILER. 3. BOILER TO BE RATED FOR OUTDOOR INSTALLATION.

						GRILLE		
MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	DESCRIPTION
А	SUPPLY	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	OMNI	EXPOSED T-BAR CEILING FRAME STYLE WITH 24"X24" OR 12"X12" FACE
В	RETURN	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	50F	EXPOSED T-BAR CEILING FRAME STYLE WITH A 24"X24" FACE. PERFORATED.
С	RETURN	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	50F	SURFACE MOUNT CEILING FRAME STYLE WITH 24"X48" FACE.
D	SUPPLY	DIFFUSER	-	ALUMINUM	BY ARCH	TITUS	OMNI	SURFACE MOUNT CEILING FRAME STYLE WITH 18"X18" OR 12"X12" FAC
Е	SUPPLY	GRILLE	-	ALUMINUM	BY ARCH	TITUS	300RL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)

DAMPERS NOTED AS U.L. SHALL BE A 'U.L.' CLASSIFIED CEILING RADIATION DAMPER WITH THERMAL BLANKET.

2. COORDINATE FINAL AIR DEVICE LOCATION AND FINISH COLOR WITH ARCHITECT.

**DEDICATED OUTSIDE AIR UNIT - INDOOR UNIT** BASIS OF DESIGN MARK SUPPLY OUTSIDE EXT.STATIC CURRENT CHAR AIR TEMPERATURE (°F) MIN. TOTAL MIN. SENS. ENTERING MIN TOTAL REMARKS ENTERING ENTERING LEAVING LEAVING CAPACITY CAPACITY AIR CAPACITY MANUFACTURER MODEL PRESSURE MOCP AIR CFM | AIR CFM | PRESSURE (IN. W.C.) | V | P | F DRY BULB | WET BULB | DRY BULB | WET BULB | (BTUH) | (BTUH) | TEMP.(°F) | (BTUH) 600 0.65 208 1 60 95.0 77.0 55.0 54.5 46,980 25,920 95 32,400 MITSUBISHI DOAS-A2 600 600 0.65 208 1 60 95.0 77.0 55.0 54.5 46,980 25,920 95 32,400 MITSUBISHI TPEFY

EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, AND DAMPERS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN

MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

. PROVIDE HORIZONTAL UNIT. PROVIDE UNIT WITH HANGING ISOLATION KIT.

. VELOCITY NOT TO EXCEED 450 FPM ON COOLING COIL. . PROVIDE UNIT WITH INTEGRAL CONDENSATE DRAIN PUMP WITH MINIMUM 18" LIFT.

							FA	N SC	HEDULE						
TAG	LOCATION	CFM	EXT. STATIC PRESSURE (IN.W.C.)	MAX RPM	HORSE POWER	CUF V	RRENT CH	HAR F	LOCALLY SWITCHED	INTERLOCK WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER	MODEL NUMBER	REMARKS
EF-A1	BATHROOM	70	0.25	700	0.1	120	1	60	-	OCC SENSOR W/ TIMER	CEILING	DIRECT	GREENHECK	SP	1
EF-A2	BATHROOM	70	0.25	700	0.1	120	1	60	-	OCC SENSOR W/ TIMER	CEILING	DIRECT	GREENHECK	SP	1
EF-A3	BATHROOM	70	0.25	700	0.1	120	1	60	-	OCC SENSOR W/ TIMER	CEILING	DIRECT	GREENHECK	SP	1
EF-A4	BATHROOM	70	0.25	700	0.1	120	1	60	-	OCC SENSOR W/ TIMER	CEILING	DIRECT	GREENHECK	SP	1
CENEDAL NOTES					_					·					

1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, AND DAMPERS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.

2. MINIMUM RECOMMENDED CLEARANCE AROUND UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION, MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT, BACKDRAFT DAMPER, VIBRATION ISOLATION KIT AND DECORATIVE GRILLE.

								VRF F	AN/CO	IL UNIT							
			FAN						C00	LING			HEA	TING			
MARK	LOCATION	SUPPLY	EXT.STATIC	CURRE	ENT CH	ARAC.		AIR TEMPE	RATURE (°F)		NOM. TOTAL	MIN. SENS.	ENTERING	MIN.	MCA	MOCP	REMARKS
WATER	LOCATION	AIR CFM	PRESSURE (IN. W.C.)	V	Р	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB	CAPACITY (BTUH)	CAPACITY (BTUH)	AIR TEMP.(°F)	CAPACITY (BTUH)	WOA	IVIOOI	KEWARK
AC-A1-001	CORRIDOR	880	0.60	208	1	60	75.0	62.5	55.0	54.5	18,000	16,695	75	20,000	2	15	1,2,3,4,6,7
AC-A1-002	BREAK ROOM	880	0.60	208	1	60	75.0	62.5	55.0	54.5	24,000	18,850	75	27,000	2	15	1,2,3,4,6,7
AC-A1-101	101 WAITING	1,235	0.10	208	1	60	75.0	62.5	55.0	54.5	48,000	32,530	75	54,000	2	15	1,2,3,5,6,7
AC-A1-103	103 CLERKS	315	0.10	208	1	60	75.0	62.5	55.0	54.5	8,000	6,095	75	9,000	2	15	1,2,3,5,6,7,
AC-A1-106	106 CONFERENCEE	335	0.10	208	1	60	75.0	62.5	55.0	54.5	12,000	7,875	75	9,000	2	15	1,2,3,5,6,7
AC-A1-109	109 OFFICE	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7,
AC-A1-110	110 OFFICE	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7,
AC-A1-111	111 OFFICE	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7,
AC-A1-112	112 PRINCIPAL	335	0.10	208	1	60	75.0	62.5	55.0	54.5	12,000	7,875	75	13,500	2	15	1,2,3,5,6,7,
AC-A1-114	114 ASST PRINCIPAL	335	0.10	208	1	60	75.0	62.5	55.0	54.5	12,000	7,875	75	13,500	2	15	1,2,3,5,6,7,
AC-A1-118	118 ASST PRINCIPAL	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7
AC-A1-124	124 OFFICE	315	0.10	208	1	60	75.0	62.5	55.0	54.5	8,000	6,095	75	9,000	2	15	1,2,3,5,6,7
AC-A1-125	125 OFFICE	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7,
AC-A1-126	126 SECRETARY	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,310	75	9,000	2	15	1,2,3,5,6,7,
AC-A2-001	PE-001	315	0.10	208	1	60	75.0	62.5	55.0	54.5	8,000	5,960	75	4,350	2	15	1,2,3,5,6,7,
AC-A2-002	PE-002	315	0.10	208	1	60	75.0	62.5	55.0	54.5	8,000	5,960	75	4,350	2	15	1,2,3,5,6,7
AC-A2-003	PE-003	280	0.10	208	1	60	75.0	62.5	55.0	54.5	5,000	4,225	75	4,350	2	15	1,2,3,5,6,7
AC-A2-004	PE-004	335	0.10	208	1	60	75.0	62.5	55.0	54.5	12,000	7,655	75	13,500	2	15	1,2,3,5,6,7
AC-A2-005A	PE-005	460	0.10	208	1	60	75.0	62.5	55.0	54.5	18,000	11,265	75	20,000	2	15	1,2,3,5,6,7
AC-A2-005B	PE-005	460	0.10	<del>~20</del> &~	1	60	75.0	62.5	55.0	54.5	18,000	11,265	75	20,000	2	15	1,2,3,5,6,7
AC-A2-006	PE-006	800	0.10 }	208	1	60	75.0	62.5	55.0	54.5	24,000	16,050	75	27,000	2	15	1,2,3,5,6,7,
AC-A2-007	PE-007	800	0.10 {	208	3 1	60	75.0	62.5	55.0	54.5	30,000	20,130	75	34,000	2	15	1,2,3,5,6,7,8
AC-A2-008	PE-008	300	0.50	208	1	60	75.0	62.5	55.0	54.5	12,000	7,950	75	6,700	2	15	1,2,3,4,6,7

EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN. . MAINTAIN MINIMUM CLEARANCE FOR COIL UPLL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND

INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC. REMARKS:

1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

4. PROVIDE HORIZONTAL UNIT. 5. PROVIDE CEILING MOUNTED 4-WAY CASSETTE.

6. PROVIDE WITH REFRIGERANT SERVICE BALL VALVE AT UNIT.

7. PROVIDE UNIT WITH NEEDLEPOINT BIPOLAR IONIZATION KIT WITH UL 2998 CERTIFICATION. BASIS OF DESIGN: GPS NPBI OR APPROVED EQUAL. PROVIDE UNIT WITH INTEGRAL CONDENSATE PUMP WITH MINIMUM 18" LIFT. 9. PROVIDE 3X3 CEILING CASSETTE UNIT WITH FACTORY PROVIDED TRIM KIT FOR CASSETTE UNIT TO BE CENTERED BETWEEN 4 TILES IN GRID.

			AIR (	000	LED	VRF	CONDENSING U	NIT (HEAT	RECOVI	ERY)			
MARK	NOM. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP (°F)	MIN. EER/IEER	CURR V	ENT CH/ P	ARAC.	RELATED UNIT MARK	CONNECTED LOAD PERCENTAGE	MCA	MOCP	MANUFACTERE R	MODEL	REMARKS
DOASCU-A1	72,000	95	10.9 / 21.6	480	3	60	DOAS-A1	67	13	20	MITSUBISHI	PUHY	ALL
DOASCU-A2	72,000	95	10.9 / 21.6	480	3	60	DOAS-A2	67	13	20	MITSUBISHI	PUHY	ALL
VRCU-A1	168,000	95	10 / 20.2	480	3	60	AC-A1-001, 002, 101, 103, 106, 109, 110, 111, 112, 114, 118, 124, 125, 126	102	32	50	MITSUBISHI	PURY	ALL
VRCU-A2	120,000	95	10.4 / 19.9	480	3	60	AC-A2-001, 002, 003, 004, 005A, 005B, 006, 007, 008	112	26	40	MITSUBISHI	PURYE	ALL

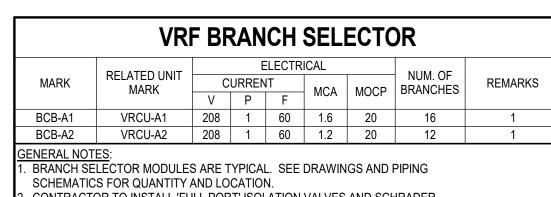
GENERAL NOTES:

1. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR

1. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR

1. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S INSTRUCTIONS.



2. CONTRACTOR TO INSTALL 'FULL PORT' ISOLATION VALVES AND SCHRADER VALVE UPSTREAM OF EACH BRANCH SELECTOR BOX.

BRANCH SELECTORS SHALL HAVE BRAZED CONNECTIONS. REMARKS:
1. PROVIDE WITH HANGING ISOLATION KIT.

**Baton Rouge** 5215 Essen Lane, Suite 100

DA project #

CA project #

C24-0038

**NOVEMBER 6, 2025** 

MECHANICAL SCHEDULES - BLDG.

AN ARCHITECTURAL JOINT VENTURE

DAVID BONAVENTURE License No. 31064

11/21/2025

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11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771

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Baton Rouge, LA 70809 Registration: 0005857 Project No: 2550-00603

DA project # CA project #

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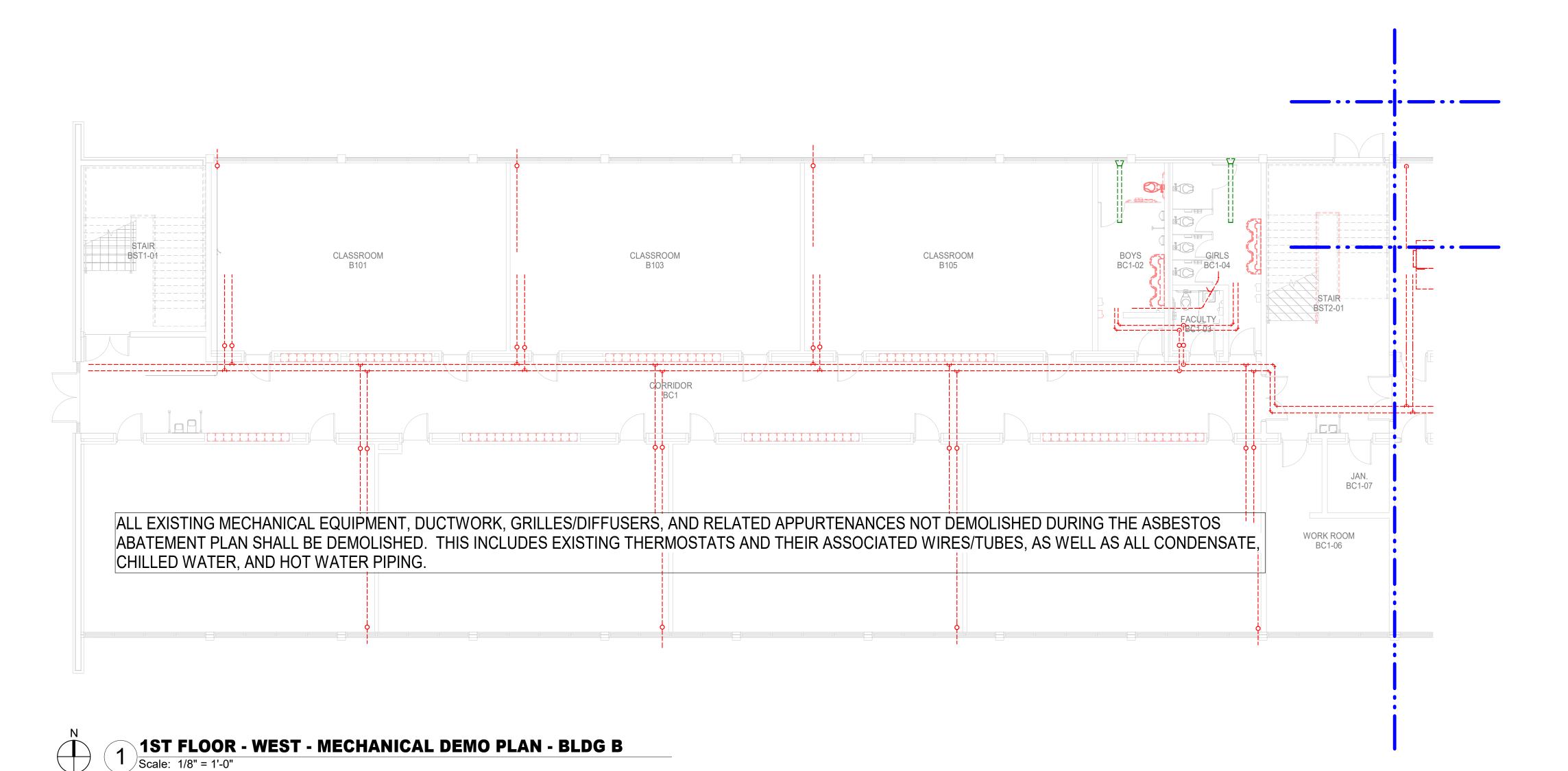
Salas O'Brien.

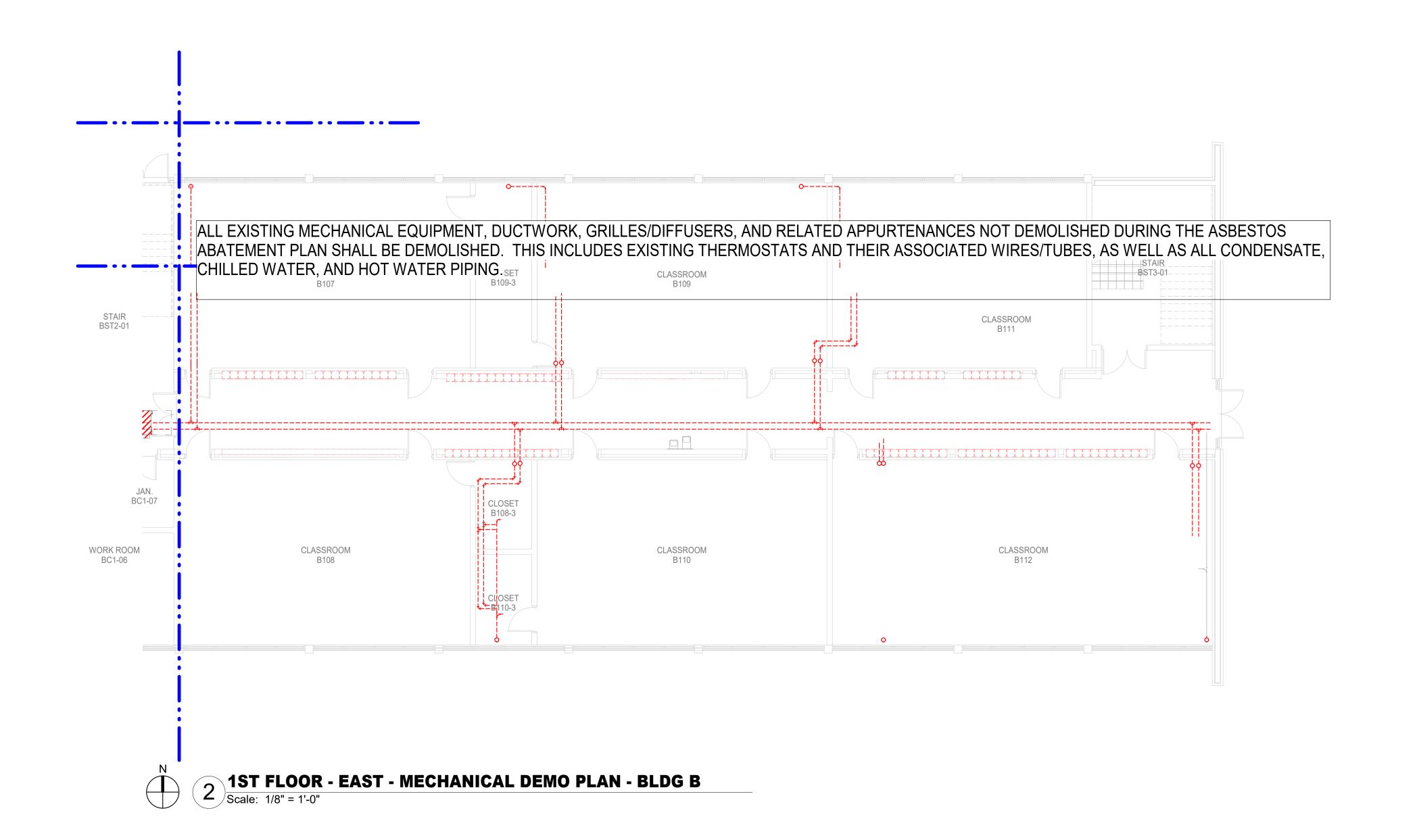
Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

**NOVEMBER 6, 2025** MECHANICAL DEMO 1ST FLOOR PLAN -

BLDG. B





1.) REMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL ON REMOVED EQUIPMENT. IF REFUSED BY OWNER -REMOVE FROM SITE AND DISPOSE LEGALLY

2.) CONTRACTOR SHALL VISIT SITE AND REVIEW DRAWINGS TO DETERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE

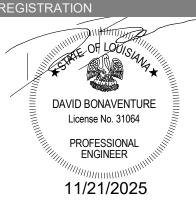
3.) PRIOR TO DISCONNECTING AND REMOVING ANY MECHANICAL SERVICES IN THE DESIGNATED WORK AREA, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

4.) GENERAL CONTRACTOR SHALL PATCH/REPAIR ALL SURFACES AS REQUIRED TO RECEIVE FINAL FINISHES.

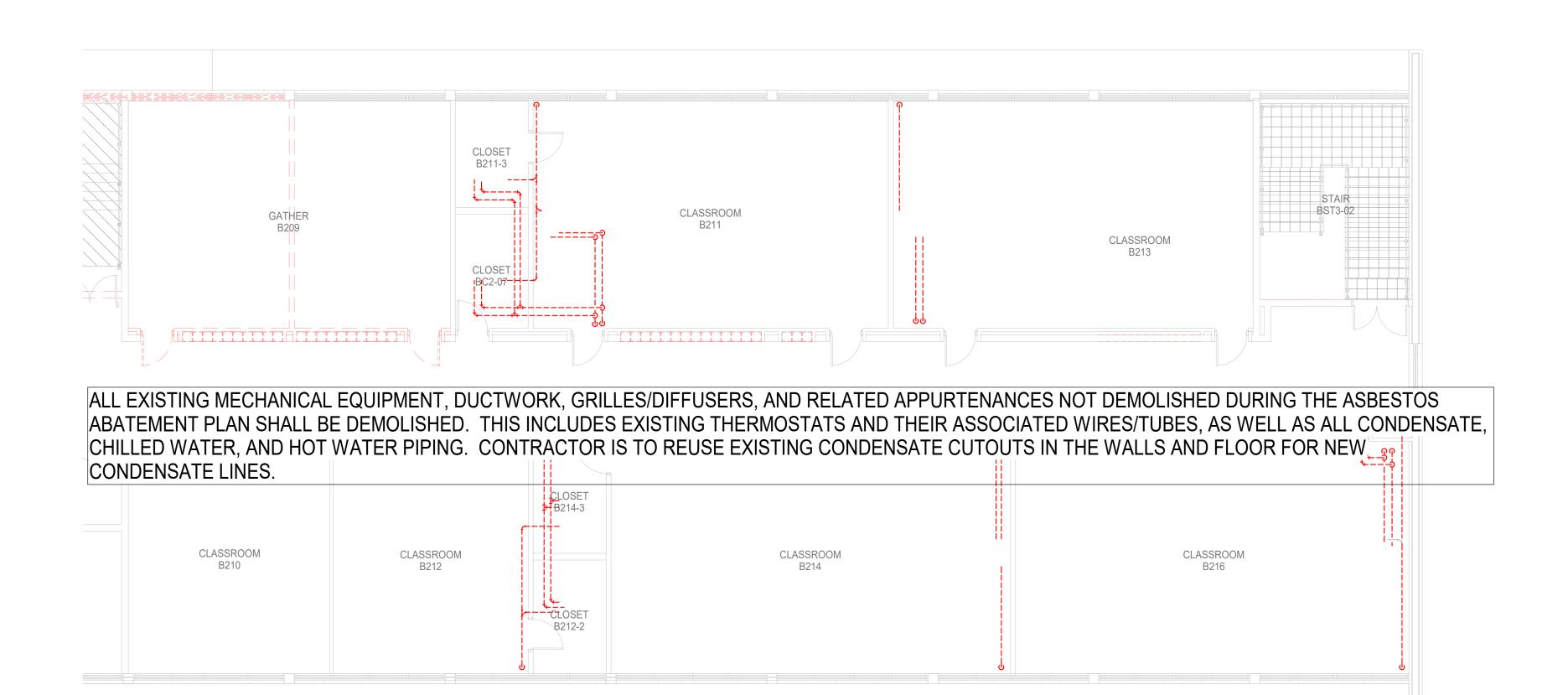
(5.) THE DEMOLITION OF HYDRONIC TWO PIPE SYSTEM IS FOR RÉFERENCE; REMOVAL IS TO BE DONE BY THE ABATEMENT/DEMOLITION CONTRACTOR. 

**MECHANICAL GENERAL DEMOLITION NOTES** 

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2ND FLOOR - EAST - MECHANICAL DEMO PLAN - BLDG B
Scale: 1/8" = 1'-0"

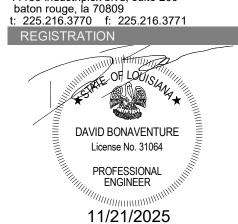
## **MECHANICAL GENERAL DEMOLITION NOTES**

1.) REMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL ON REMOVED EQUIPMENT. IF REFUSED BY OWNER -REMOVE FROM SITE AND DISPOSE LEGALLY

2.) CONTRACTOR SHALL VISIT SITE AND REVIEW DRAWINGS TO DÉTERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE

3.) PRIOR TO DISCONNECTING AND REMOVING ANY MECHANICAL SERVICES IN THE DESIGNATED WORK AREA, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

4.) GENERAL CONTRACTOR SHALL PATCH/REPAIR ALL SURFACES AS RÉQUIRED TO RECEIVE FINAL FINISHES. (5.) THE DEMOLITION OF HYDRONIC TWO PIPE SYSTEM IS FOR RÉFERENCE; REMOVAL IS TO BE DONE BY THE ABATEMENT/DEMOLITION CONTRACTOR. AN ARCHITECTURAL JOINT VENTURE 10626 linkwood ct, suite a



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11130 industriplex blvd, suite 200

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C24-0038 CA project #

ON NOVEMBER 6, 2025.
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Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

UNDER THE AUTHORITY OF

Registration: 0005857 Project No: 2550-00603

CONFERENCE

A106

STDNT WAIT

A108

OFFICE

A111

ASST PRINCIPAL

L = = = = = --ASST PRINCIPAL A118

MECH

A119

MECH A120 MECH

A120 /

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

STOR

A114

PRINCIPAL

A112

SECRETARY A126

A113

<del>┑┍╒╒┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋┋</del> 

NO PLUMBING WORK IN THIS AREA.

3 1ST FLOOR - DEMO - AUDITORIUM - BLDG A - PLUMBING PLAN Scale: 1/8" = 1'-0"

PLUMBING GENERAL NOTES

1.CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING SYSTEMS PRIOR TO THE START OF THE L-RBQ/EGI-----

> 2. NOT USED. 3. CONTRACTOR TO VERIFY EXISTING TRAP PRIMER DEVICES ARE IN GOOD WORKING CONDITIONS. PROVIDE NEW TRAP PRIMER CONNECTIONS OR TRAP PRIMER DEVICES AS REQUIRED TO HAVE A

FULLY FUNCTIONAL SYSTEM. 4. WHEN PIPING OR FIXTURES ARE REMOVED OR RELOCATED, CONTRACTOR SHALL PATCH FLOOR AND/OR WALLS WHERE REQUIRED TO MATCH

EXISTING SURFACES. 5. DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATIONS AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION.

PLUMBING KEYED NOTES

REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED APPURTENANCES. EXISTING WATER PIPING SHALL BE DEMOLISHED BACK TO MAIN TO AVOID STAGNANT WATER IN SYSTEM. SANITARY AND VENT PIPING SHALL BE DEMOLISHED INTO NEAREST AVAILABLE WALL, PLUGGED AND ABANDONED IN PLACE.

2 EXISTING FLOOR CLEAN OUT ROUGHLY IN THIS AREA TO BE REMOVED. PREP LINE FOR NEW WORK. EXISTING FLOOR DRAIN TO BE DEMOLISHED, SANITARY

AND VENT PIPING SHALL BE DEMOLISHED INTO NEAREST AVAILABLE WALL, PLUGGED AND ABANDONED IN PLACE.

EXISTING FLOOR DRAIN TO BE DEMOLISHED. SANITARY PIPE AND VENT PIPE SHALL BE MODIFIED AS REQUIRED PER NEW BATHROOM LAYOUT.

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C24-0038 DA project #

CA project # **NOVEMBER 6, 2025** 

PLUMBING ENLARGED DEMO PLANS - BLDG. A

Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

Salas O'Brien

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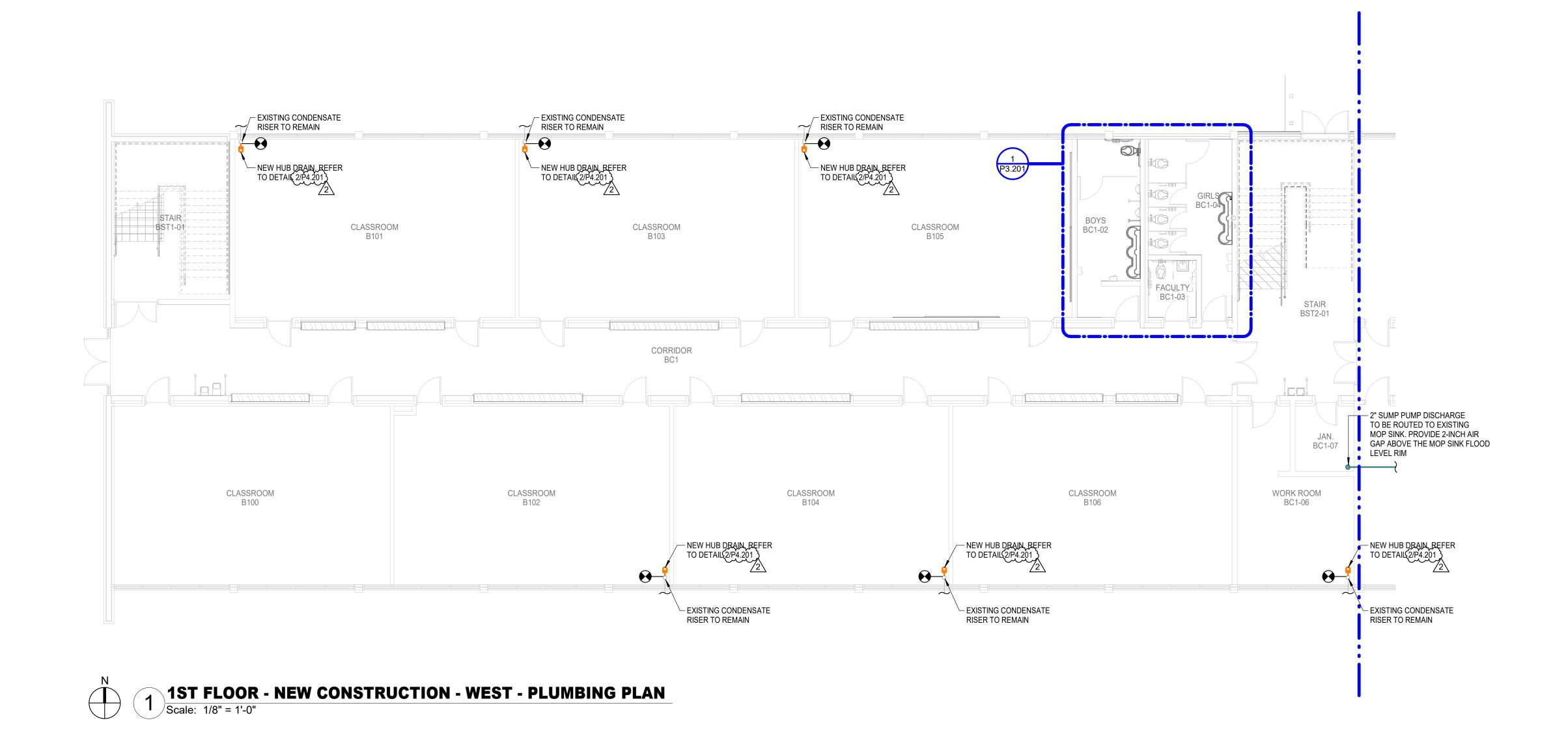
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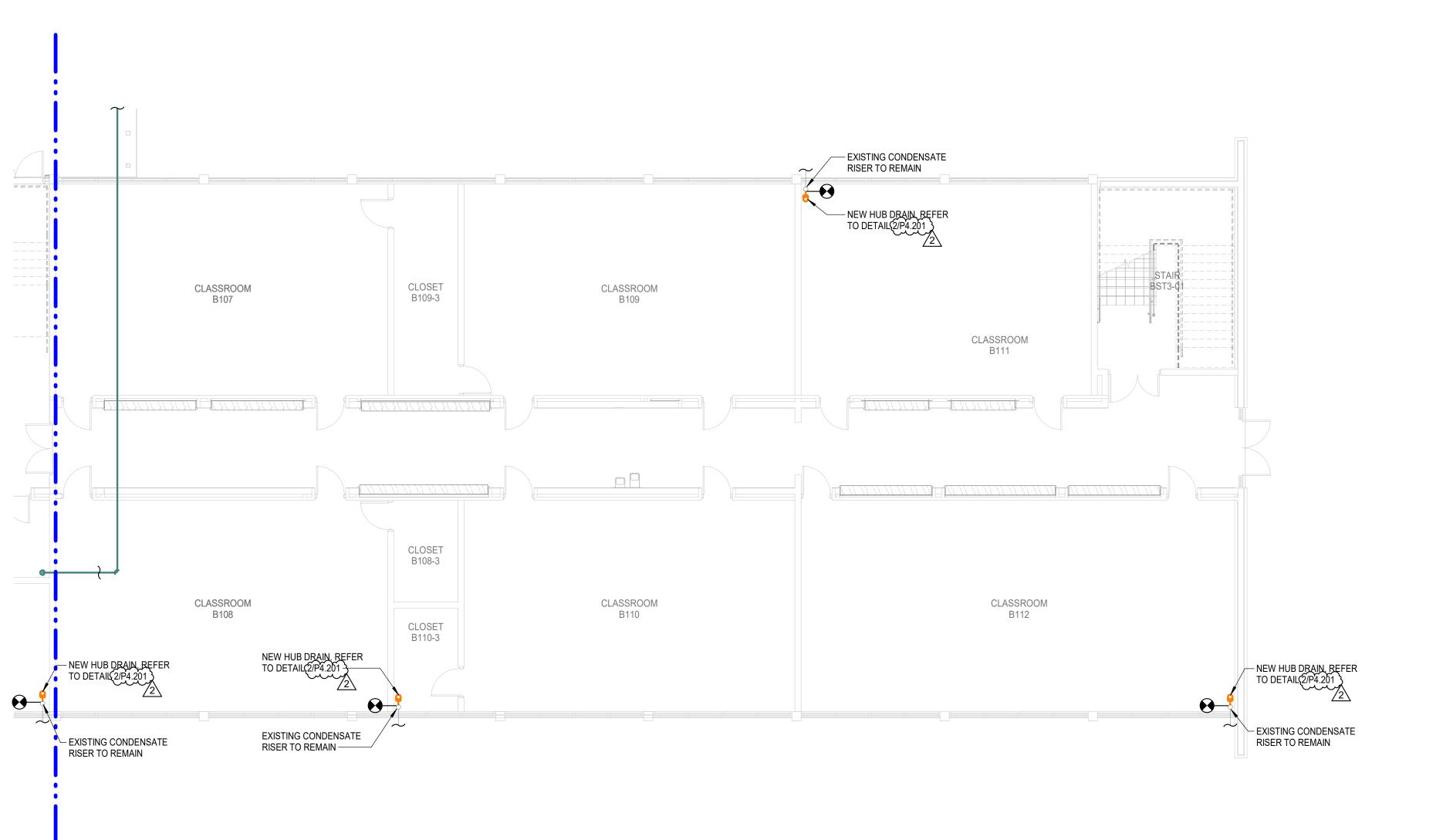
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Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

Salas O'Brien. PLUMBING 1ST FLOOR PLAN - BLDG.





3" SAN. PIPE DOWN THROUGH CHASE AND TIE INTO EXISTING SANITARY LINE. CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH OF EXISTING PIPING. HUB DRAIN ABOVE CEILING FOR MECHANICAL CONDENSATE. REFER TO DETAIL 2/P4.201. - 2" SUMP PUMP DISCHARGE 2" SUMP PUMP DISCHARGE ---

3 1ST FLOOR - NEW CONSTRUCTION - CONNECTOR CORRIDOR - PLUMBING PLAN Scale: 1/8" = 1'-0"

2 1ST FLOOR - NEW CONSTRUCTION - EAST - PLUMBING PLAN
| Scale: 1/8" = 1'-0"



AN ARCHITECTURAL JOINT VENTURE

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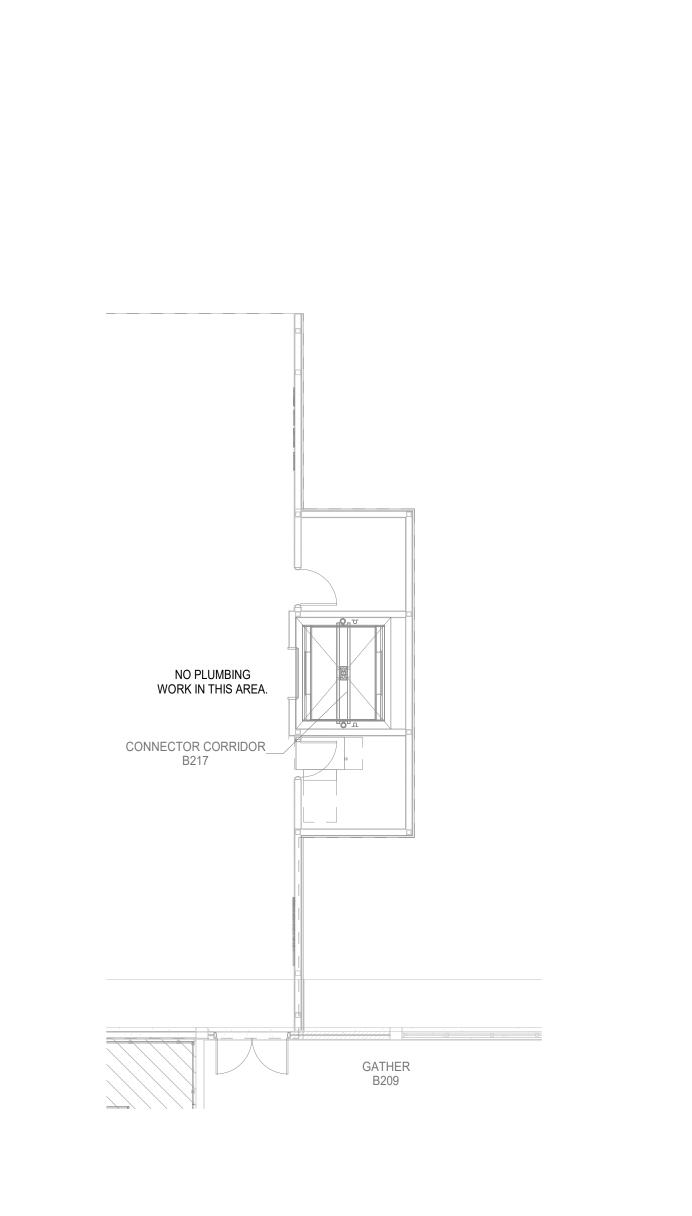
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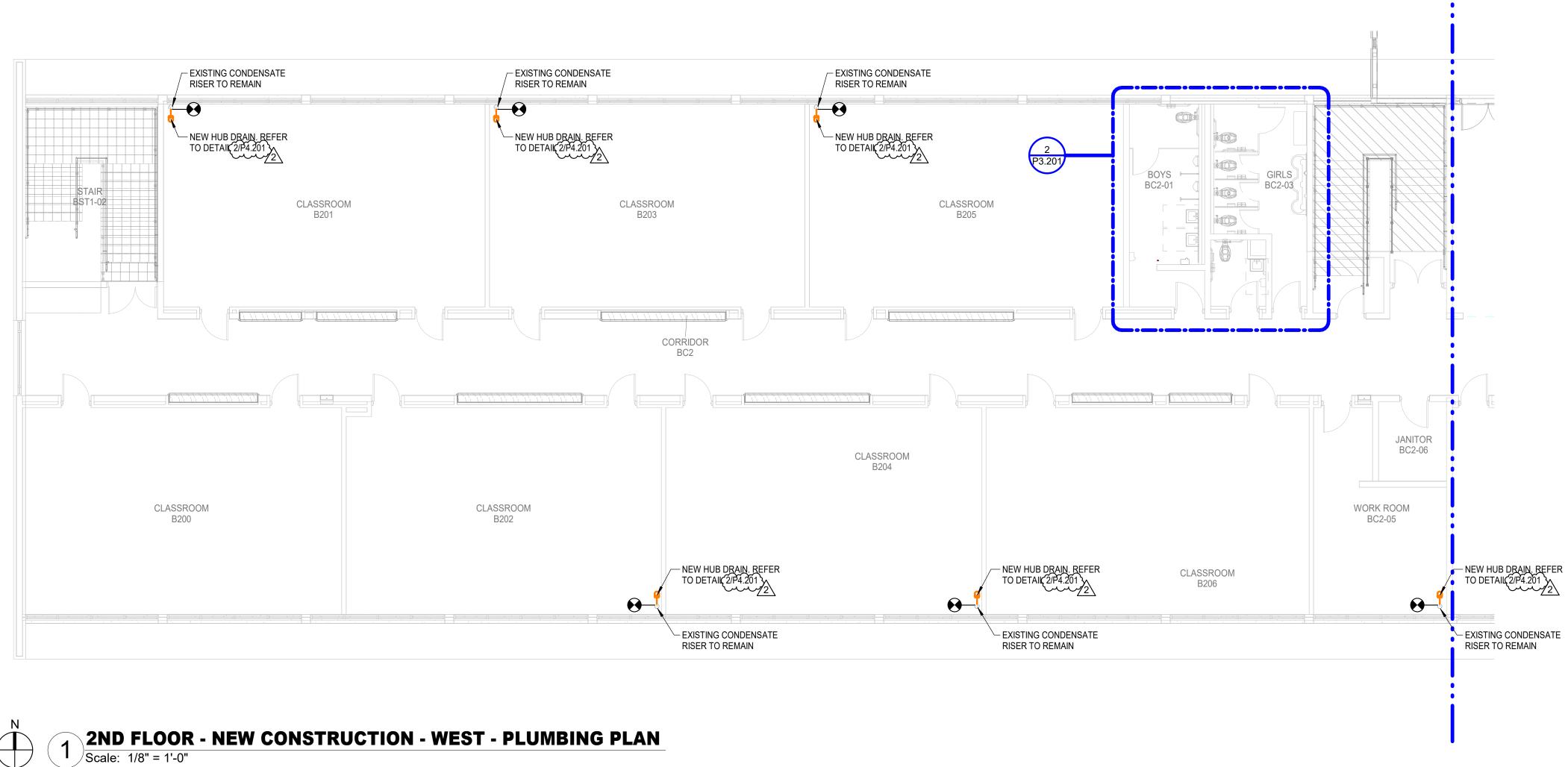
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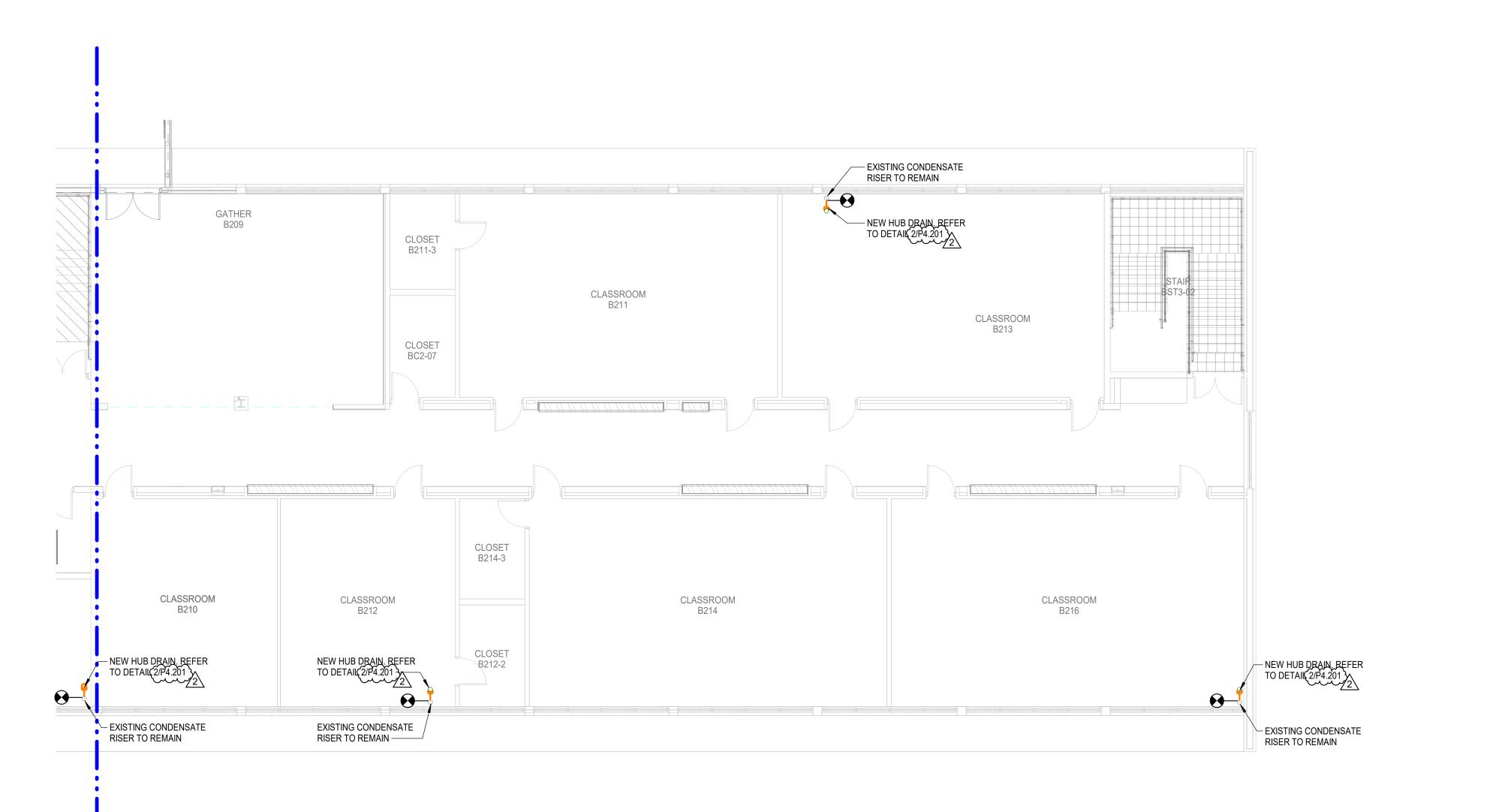
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2 2ND FLOOR - NEW CONSTRUCTION - EAST - PLUMBING PLAN
| Scale: 1/8" = 1'-0"

2ND FLOOR - NEW CONSTRUCTION - CONNECTOR CORRIDOR - PLUMBING PLAN
Scale: 1/8" = 1'-0"

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Salas O'Brien. Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

DA project #

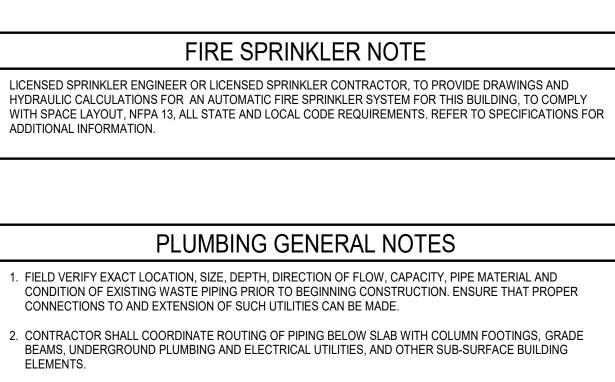
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**NOVEMBER 6, 2025** 

PLUMBING 2ND FLOOR PLAN - BLDG.

CA project #

PLUMBING SITE PLAN



ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST

5. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR

6. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.

WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING

WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

2. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE

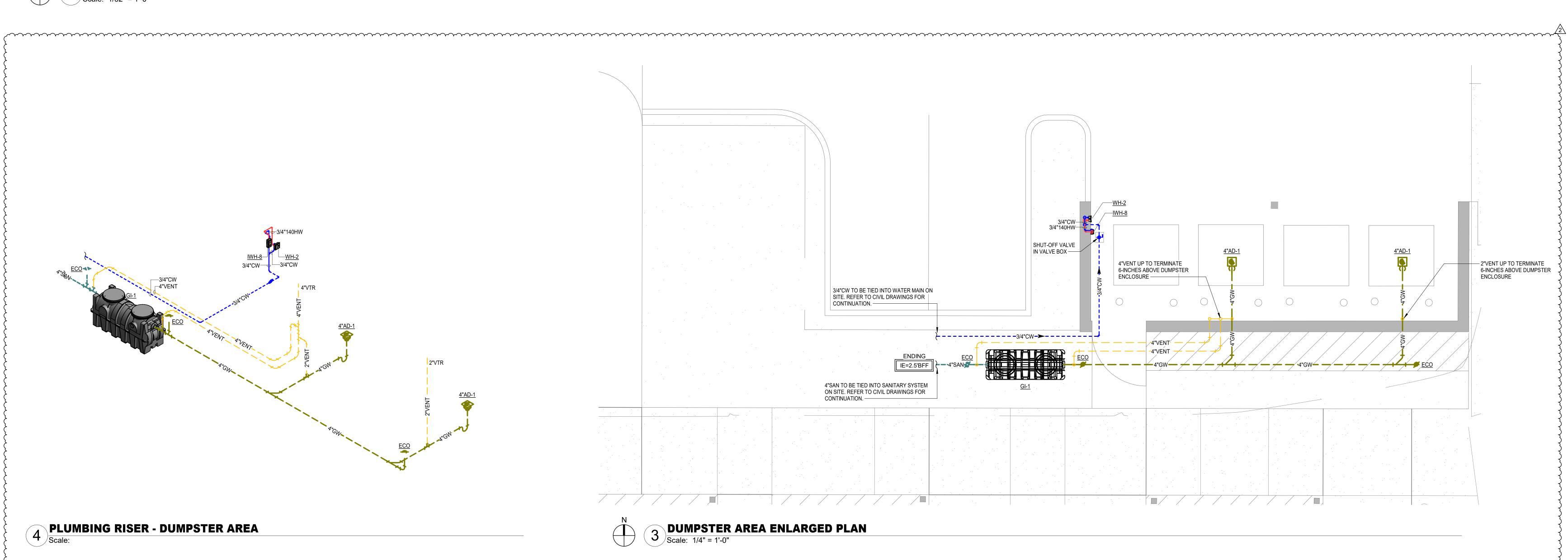
BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING

ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.

7. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE

B. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0"

E. JOHNSON ST (40' R/W-PUBLIC) ASPHALT - 6"SD (139 GPM) ENDING IE=2.00'BFF ENDING IE=2.00'BFF ENDING IE=4.00'BFF REMOTE FDC E MCKINI FY ST (40' R/W-PUBLIC) ASPHALT



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THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF DAVID BONAVENTURE, P.E. 31064 ON NOVEMBER 6, 2025.
IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

Salas O'Brien.

Baton Rouge 5215 Essen Lane, Suite 100 Baton Rouge, LA 70809

Registration: 0005857 Project No: 2550-00603

B. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND

DIMENSIONED LOCATIONS.

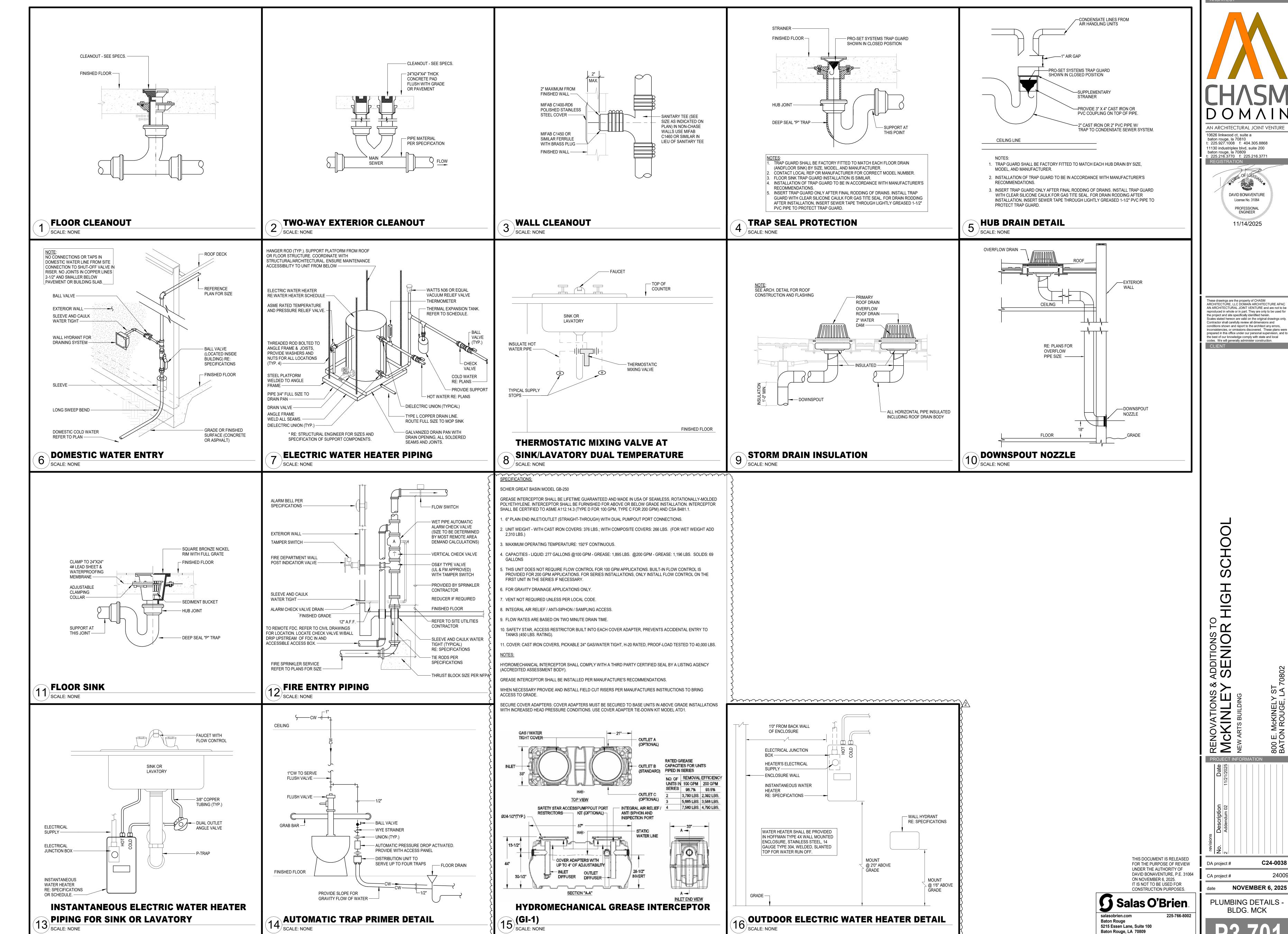
DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.

PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS

AN ARCHITECTURAL JOINT VENTURE 10626 linkwood ct, suite a baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868 11130 industriplex blvd, suite 200 baton rouge, la 70809 t: 225.216.3770 f: 225.216.3771 DAVID BONAVENTURE License No. 31064 PROFESSIONAL ENGINEER 11/14/2025

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DA project #



Registration: 0005857 Project No: 2550-00603

C24-0038

[IE=100.00']	INVERT ELEVATION  DELTA CHANGE SYMBOL		
	SHOCK ARRES	TOR SCHEDULE	•
P.D.I. SYMBOLS:	FIXTURE UNITS:	THREADED CONNECTION	CERTIFICATION
А	1 - 11	1/2"	ASSE 1010
В	12 - 32	3/4"	ASSE 1010
С	33 - 60	1"	ASSE 1010
D	61 - 113	1"	ASSE 1010
Е	114 - 154	1"	ASSE 1010
F	155 - 330	1"	ASSE 1010

BASIS OF DESIGN STORAGE MARK MANUFACTURER MODEL  STORAGE CAPACITY KW  WH GALS. PER HR. RECOVERY RATE STORED WATER TEMP V P MOCP	
MARK MANUFACTURER MODEL CAPACITY KW 100°F RISE WATER TEMP V P MOCP	
	REMARKS
EWH-1   A.O SMITH   DEL-20S-4.5   20 GAL   4.5   18   140   208   1   20	
IF THE MAXIMUM FUSE SIZE OF THE EQUIPMENT PROVIDED EXCEEDS THE SPECIFIED AMOUNT, THE CONTRACTOR SHALL BE RESF	ONSIBLE FO

		DC	DMESTIC I	HW EXPANSION	I TANK SO	CHEDULE		
		BASIS OF D	ESIGN		MAX WORK	TANK VOLUME	MAX. ACCEPT.	DIAMETER
	MARK	MANUFACTURER	MODEL	DESCRIPTION	PRESSURE (PSI)	GALLONS	GALLONS	(INCHES)
ET-1		WATTS	PLT-5	HOT WATER EXPANSION TANK	150	2.1	1.48	8"
1	PROVIDE AS	SME POTABLE WATER E	EXPANSION TANK C	ON THE COLD WATER SUPPLY	LINE, DOWNSTREA	AM OF THE CHECK	VALVE.	
2	PROVIDE UI	NION CONNECTION.						

				S WATER			` `		
	BASIS OF	DESIGN	WH Temperature	WH Output Water		ELECT IARACT		I	
MARK	MANUFACTURER	MODEL	Rise Per 0.5 GPM	Temperature	V	Р	KW	MOCP	REMARKS
IWH-1	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
IWH-2	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
IWH-3	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
IWH-4	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
IWH-5	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
IWH-6	EEMAX	SPEX3208T	40 °F	110 °F	208	1	3	20	
~+\\\	TEEMAX	~~SPEX3208T~~	~~~40°E~~~	~~116°F~~	~208~	~4~	202	~20~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
IWH-8	CHRONOMITE	CM-15L/208	40 °F	110 °F	208	1	3	20	

	G	REASE INTE	RCEPTOR	SIZIN	IG (FI)	KTURE	UNIT MET	HOD)			
FIXTURE TYPE: FLOOR SINK - 4"		TRAP A	ARM	RM FIXTUI UNITS		QUANTITY	CREDIT FACTO		SUM		
		4"		4	4	2	1.00		8		
				T	OTAL	FIXTL	IRE UNITS			8	
				G	GPM PER FIXTURE UNIT					<b>X</b> 3	
				R	RETENTION TIME (MINUTES)					X 10	
					MINIMUM GREASE TRAP CAPACITY (GALLONS)					240	
GREASE INTER	CEPTOR SO	CHEDULE									
MODEL NO.	CAPACITY USGal	GREASE CAP. (LBS)	EMPTY WT (LBS)	LEN	GTH L	WIDT W	H HEIGHT H	INLE FL1		OUTLE <sup>T</sup> FL2	
SCHIER GB-250	277	1,895	236	8	37"	33"	46-1/2"	30-1/	'2"	30-1/2	

PLUMBING FIXTURE SCHEDULE
FIXTURE DESCRIPTION
DESCRIPTION: WALL CLEANOUT. CAST IRON CLEANOUT FERRULE WITH DUCTILE IRON COMBINED COVER/PLUG AND ROUND
STAINLESS COVER PLATE WITH CENTER SECURING SCREW. WADE 8550 WITH 8480-R6. PROVIDE WADE 8560 CAST IRON CLEANOUT

TEE IN LIEU OF FERRULE AS REQUIRED FOR WALL CONSTRUCTION.

WCO D

RAINAGE FIXTURE (CO, FD, FS, HD, TD)

RINKING FOUNTAIN (EDF)

3"FD-1 DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, ADJUSTABLE 6" DIAMETER STAINLESS STEEL STRAINER WITH VANDAL PROOF SCREWS, INTEGRAL CLAMPING DEVICE, BOTTOM OUTLET. WADE 1100-MR6.

TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE).

ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL 4"AD-1 DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, 14" DIAMETER LOOSE SET CAST DUCTILE IRON TRACTOR GRATE, SEDIMENT BUCKET, WADE 1410-TY-27.

TRAP SEAL: PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR DRAIN BY SIZE, MODEL, AND

ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS / DRAINAGE TRENCH CONSTRUCTION. DESCRIPTION: FLOOR DRAIN, CAST IRON BODY, 8" DIAMETER STRAINER, 6" DEEP SUMP, A.R.E. INTERIOR, SEDIMENT BUCKET. WADE

TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE).

ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL / KITCHEN CONSULTANT 4"FS-1 DESCRIPTION: A.R.E. COATED CAST IRON BODY 12" SQUARE FLOOR SINK WITH 8" DEEP SUMP, BOTTOM OUTLET, LOOSE SET CAST IRON SECONDARY STRAINER, CLAMPING DEVICE, AND HALF TOP GRATE. WADE 9140-8-15-26-64.

ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH EQUIPMENT PLACEMENT. DS-1 DESCRIPTION: OVERFLOW DOWNSPOUT NOZZLE. CAST BRONZE WITH THREADED OR NO HUB OUTLET AND FLANGE TO SECURE

TRAP SEAL: PROVIDE TRAP PRIMER CONNECTION FOR TRAP PRIMER TP-1 (REFER TO PLUMBING FIXTURE SCHEDULE).

NOZZLE TO WALL. INSTALL AT 12" ABOVE FINISHED SLAB OR AS DIRECTED BY ARCHITECT. WADE 3941-VP. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. ECO DESCRIPTION: EXTERIOR CLEANOUT TO GRADE, CAST IRON BODY WITH ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND

ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. IF LOCATED IN ASPHALT OR DIRT PROVIDE 18"X18"X12" CONCRETE PAD. WADE 6000-Z. FCO DESCRIPTION: FLOOR CLEANOUT, CAST IRON BODY AND ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ROUND SCORIATED STAINLESS STEEL COVER. WADE 6000-153. FOR CARPETED FLOORS PROVIDE WADE 6000-CM. RD-1 DESCRIPTION: ROOF DRAIN. CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, ALUMINUM DOME, UNDERDECK

CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION. WADE 3000-46-52-53 FOR 6" AND SMALLER, WADE 3001-46-52-53 FOR 8" AND LARGER. ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES.

RD-2 DESCRIPTION: OVERFLOW ROOF DRAIN. CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, ALUMINUM DOME, 2' HIGH WATER DAM, BEARING PAN, UNDERDECK CLAMP AND ADJUSTABLE EXTENSION AS REQUIRED FOR ROOF CONSTRUCTION. WADE 3000-D-46-52-53 FOR 6" AND SMALLER, WADE 3001-D-46-52-53 FOR 8" AND LARGER.

ROUGH-IN: REFER TO FLOOR PLANS FOR SIZES. WO-WAY DESCRIPTION: EXTERIOR CLEANOUT TO GRADE, CAST IRON BODY WITH ADJUSTABLE TOP ASSEMBLY WITH GASKET SEAL, AND ECO ROUND SCORIATED VANDAL RESISTANT DUCTILE IRON TRACTOR TYPE COVER. IF LOCATED IN ASPHALT OR DIRT PROVIDE 24"X24"X12" CONCRETE PAD. WADE 6000-Z.

EDF-1 DESCRIPTION: WALL HUNG, BARRIER FREE, BI-LEVEL ELECTRIC DRINK FOUNTAIN WITH ELECTRONIC BOTTLE FILLER SENSOR AND SHIELDED VANDEL-RESISTANT BUBBLER. 8 GPH OF 50 DEGREE WATER AT 90 DEGREE AMBIENT AND 80 DEGREE INLET WATER. ELKAY LZSTL8WSLP. PROVDE CANE TOUCH SKIRT TO COMPLY WITH ADA GUIDELINES. P-TRAP: 1-1/4" CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. MCGUIRE 8872.

SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISER. MCGUIRE 2165.

CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE SLAB WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE FOR CONNECTION TO HANGER PLATE PROVIDED BY FIXTURE MANUFACTURER. WADE 400.

\_\_\_\_\_\_RQUGH-IN: 2", WASTE-2", VENT, 1/2", COLD, WATER-REFER TO ARCHITECTURAL DRAWINGS, FOR HEIGHT, REQUIREMENTS.\_\_\_\_\_\_\_\_\_ GREASE INTERCEPTOR (GI) GI-1 DESCRIPTION: HYDROMECHANICAL GREASE INTERCEPTOR, MOLDED POLYETHYLENE, FOR BELOW-GRADE INSTALLATION WITH ADJUSTABLE COVER ADAPTER, LIQUID CAPACITY 277 GAL, GREASE CAPACITY 1,895 LBS. PROVIDE WITH ANTI-FLOTATION ANCHOR KIT SCHIER AK1, SCHIER GB-250

PLANATORY (LY) -1 DESCRIPTION: LAVATORY, WALL HUNG, WHITE VITREOUS CHINA, 21-1/4" X 18 1/4 " BOWL WITH FRONT OVERFLOW, CONCEALED ARM SUPPORTS, AND THREE HOLES ON 4" CENTERS. AMERICAN STANDARD "LUCERNE" 0355.012.

FAUCET: HARDWIRE, 0.5 GPM, POLISHED CHROME FINISH, AERATED SPRAY, INFRARED SENSOR. SLOAN

EAF-200-HLT-CP-0.5GPM-AER-IQ-FCT. CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS. ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08.

ENCLOSURE: ADA-COMPLIANT UNDERSINK PROTECTION CONCEALING IWH AND CONNECTIONS. IPS LAV SHIELD PROTECTIVE LAVATORY ENCLOSURE. MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 10 5 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI

PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. STAINER: 1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN STRAINER: WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE 155WC.

P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.

SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK.

ROUGH-INS: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED MOUNTING HEIGHTS. PROTECTIVE ENCLOSURE: RIGID ENCLOSURE TO COMPLY WITH ADA REQUIREMENTS AND CONCEALS FAUCET COMPONENTS, MIXING VALVES. TRUEBRO LAV SHIELD OR ZURN Z6900-VG. ARCHITECT TO DETERMINE COLOR.

L-2 DESCRIPTION: LAVATORY, WALL HUNG, WHITE VITREOUS CHINA, 21-1/4" X 18 1/4 " BOWL WITH FRONT OVERFLOW, CONCEALED ARM SUPPORTS, AND THREE HOLES ON 4" CENTERS. AMERICAN STANDARD "LUCERNE" 0355.012. FAUCET: DECK MOUNTED FAUCET WITH 4 " SPOUT, 4" WRIST BLADE HANDELS, 4" CENTER SET WITH LESS POP-UP DRAIN, AND 0.5

GALLONS PER MINUTE FLOW RATE . AMERICAN STANDARD MONTERREY 5500.175. ENCLOSURE: ADA-COMPLIANT UNDERSINK PROTECTION CONCEALING IWH AND CONNECTIONS. IPS LAV SHIELD PROTECTIVE LAVATORY ENCLOSURE.

CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 3" X 4-1/2" BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, THREADED CONCEALED ARMS, ALIGNMENT BAR, LOCKING DEVICE, AND LEVELING SCREWS. WADE 520-08. MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 10 5 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W.

STAINER: 1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN STRAINER: WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE 155WC.

P-TRAP: 1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.

SUPPLIES: 1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK. ROUGH-INS: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED MOUNTING

HEIGHTS. PROTECTIVE ENCLOSURE: RIGID ENCLOSURE TO COMPLY WITH ADA REQUIREMENTS AND CONCEALS FAUCET

COMPONENTS, MIXING VALVES. TRUEBRO LAV SHIELD OR ZURN Z6900-VG. ARCHITECT TO DETERMINE COLOR.

MS-1 DESCRIPTION: MOP SINK BASIN, 24" X 24" X 12" HIGH, PRECAST TERRAZZO WITH 6" DROPPED FRONT, STAINLESS STEEL THRESHOLD CAP, AND DOUBLE STAINLESS STEEL WALL GUARDS. STERN-WILLIAMS "HILOW" HL-1800-BP.

FAUCET: CHROME PLATED BRASS WALL MOUNTED FITTING WITH CHECK IN STOPS, ADJUSTABLE SUPPLY ARMS, VACUUM BREAKER SPOUT WITH PAIL HOOK AND WALL BRACE, 2-1/2" INDEXED LEVER HANDLES ON 8" CENTERS, QUARTER TURN CARTRIDGES, 3/4" MALE HOSE THREAD OUTLET, PROVIDE WITH INTERNAL CHECK VALVES. CHICAGO 445-897-CP.

ROUGH-IN: 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER.

PLUMBING FIXTURE SCHEDULE

FIXTURE DESCRIPTION SK-1 DESCRIPTION: SINK, COUNTER MOUNTED, SELF-RIMMING, 18 GAUGE TYPE 302 STAINLESS STEEL, 22" X 19.5" X 5.5" DEEP, SINGLE COMPARTMENT WITH FAUCET DECK. SINGLE FAUCET HOLE ON 4" CENTERS. ELKAY "LUSTERTONE" LRAD 221955.

FAUCET: CHROME PLATED FAUCET WITH SPRAY HANDLE, SINGLE HANDLE WITH 9" SPOUT, VANDAL RESISTANT AERATOR WITH A MA FLOW 1.5GPM, MOEN 8701. MIXING VALVE: THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 10 5 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI

PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. STRAINER: HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2 TAILPIECE AND LOCK NUTS. MCGUIRE 151A. P-TRAP: 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON

PLATE. MCGUIRE 8912. SUPPLIES: 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165. ROUGH-INS: 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.

TP-1 DESCRIPTION: AUTOMATIC PRESSURE DROP ACTIVATED. BRASS CONSTRUCTION, WITH STAINLESS STEEL MESH SCREEN. PROVIDE ACCESS PANEL. PPP MODEL PR-500.

ROUGH-IN: INSTALL PER MANUFACTURER RECOMMENDATIONS.

U-1 DESCRIPTION: URINAL, ADA COMPLIANT, WALL HUNG, WHITE VITREOUS CHINA, 1.0 GALLON PER FLUSH SIPHON JET ACTION, INTEGRAL TRAP. AMERICAN STANDARD "TRIMBROOK" 6561.017.

FLUSH VALVE: 1.0 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED URINAL FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 3/4" TOP SPUD, HARDWIRED 24V. SLOAN 186 ESS-1.0

CARRIER: RECTANGULAR STEEL TUBING UPRIGHTS WITH WELDED 4" SQUARE BASE ANCHORED TO CONCRETE WITH (4) 1/2" BOLTS, ADJUSTABLE SLEEVE, UPPER AND LOWER BEARING PLATES WITH THREADED STUDS. WADE 401-AM1-M36. ROUGH-IN: 2" WASTE, 2" VENT, 3/4" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.

WH-1 DESCRIPTION: WALL HYDRANT, NON-FREEZE, WITH NICKEL BRONZE BOX AND DOOR, INTEGRAL VACUUM BREAKER, 3/4" HOSE CONNECTION, WALL CASING, LOOSE KEY AND WALL CLAMP. WATTS HY-725-88

ROUGH-IN: 3/4" COLD WATER

WH-2 DESCRIPTION: WALL HYDRANT. WITH STAINLESS STEEL BOX, FREEZELESS, WALL-MOUNTED HOT AND COLD MIXING FAUCET, VACUUM BREAKER. GALVANIZED WALL CASING AND LOOSE KEY. PROVIDE LOCKING ACCESS PANEL AS REQUIRED TO ENSURE

SERVICE ACCESS TO MIXER BODY AND INLETS. WATTS HY-700 ROUGH-IN: 3/4" HOT AND COLD WATER. INSTALL WITH OUTLET AT 18" A.F.F. OR AS DIRECTED BY ARCHITECT/OWNER. MATERIA METALINIA CONTROL CONT

WC-1 DESCRIPTION: WATER CLOSET (A.D.A. HEIGHT), WALL HUNG, 1.6 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET AND BOLT COVERS. AMERICAN STANDARD "AFWALL" 3351.101.

SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.

FLUSH VALVE: 1.6 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, HARDWIRED 24V. SLOAN 111 ESS

CARRIER: ZURN WATER CLOSET CARRIER ZN1201 NARROW WALL SERIES. PROVIDE BACK TO BACK CARRIER WHERE REQUIRED. ROUGH-INS: 4" WASTE, 3" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. WC-2 DESCRIPTION: WATER CLOSET, WALL HUNG, 1.6 GALLON PER FLUSH SIPHON JET ACTION, VITREOUS CHINA, ELONGATED BOWL

WITH 1-1/2" TOP SPUD INLET AND BOLT COVERS. AMERICAN STANDARD "AFWALL" 3351.101. SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR, BEMIS #1955SSCT.

FLUSH VALVE: 1.6 GALLON FLUSH CYCLE. EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER. VACUUM BREAKER. SPUD COUPLING FOR 1-1/2" TOP SPUD, HARDWIRED 24V. SLOAN 111 ESS

CARRIER: ZURN WATER CLOSET CARRIER ZN1201 NARROW WALL SERIES. PROVIDE BACK TO BACK CARRIER WHERE REQUIRED. ROUGH-INS: 4" WASTE, 3" VENT, 1" COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. WC-3 DESCRIPTION: FLOOR MOUNTED, ADA COMPLIANT, VITREOUS CHINA, 1,28 GPF, ELONGATED BOWL, 1-1/2" TOP SPUD, AMERICAN

STANDARD "MADERA" 3461.001 SEAT: ELONGATED OPEN FRONT SEAT WITH SELF SUSTAINING CONCEALED CHECK HINGES. REFER TO ARCHITECTURAL DRAWINGS FOR SEAT COLOR. BEMIS #1955SSCT.

FLUSH VALVE: 1.6 GALLON FLUSH CYCLE, EXPOSED, DIAPHRAGM TYPE, CHROME PLATED CLOSET FLUSHOMETER, VACUUM BREAKER, SPUD COUPLING FOR 1-1/2" TOP SPUD, HARDWIRED 24V. SLOAN 111 ESS ROUGH-IN: 4" WASTE, 2" VENT, 1" COLD WATER.

**GENERAL NOTES** 

ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER (UNLESS NOTED TO BE COLD WATER ONLY) TO FALICETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON (UNLESS NOTED TO BE AN ACID WASTE FIXTURE). REFER TO FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS.

INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE ADA ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH THE STATE ACCESSIBILITY STANDARDS REQUIREMENTS.

PROVIDE ALL FLOOR DRAINS AND FLOOR SINKS WITH AUTOMATIC TRAP PRIMER. CONTRACTOR SHALL VERIFY EXISTING DRAIN TRAP PRIMERS AND PROVIDE NEW ONE IF REQUIRE.

PROVIDE WATER HAMMER ARRESTOR AS REQUIRED PER PDI STANDARDS.

REFER TO BOOK SPECIFICATION FOR A LIST OF APPROVED EQUAL MANUFACTURERS THAT CAN BE SUBMITTED IN LIEU OF THE MANUFACTURERS AND MODEL NUMBERS OF THE FIXTURES AND EQUIPMENT LISTED IN THE ABOVE FIXTURE SCHEDULE.

AN ARCHITECTURAL JOINT VENTURE 10626 linkwood ct. suite a baton rouge, la 70810 t: 225.927.1008 f: 404.305.8868 11130 industriplex blvd, suite 200 baton rouge, la 70809 DAVID BONAVENTURE License No. 31064 PROFESSIONAL ENGINEER 11/14/2025

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DA project #

CA project #

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF DAVID BONAVENTURE, P.E. 31064 ON NOVEMBER 6, 2025. IT IS NOT TO BE USED FOR

CONSTRUCTION PURPOSES

Registration: 0005857 Project No: 2550-00603

**Baton Rouge** 5215 Essen Lane, Suite 100

Baton Rouge, LA 70809

**NOVEMBER 6, 2025** 

**PLUMBING** SCHEDULES - BLDG.

C24-0038