



Addendum No. 3

Addition And Renovations To The McCarthy Teszler School

McMillan Pazdan Smith Project No. 020063.00

May 14, 2021

The following clarifications, amendments, additions, deletions, revisions, and/or modifications are hereby made a part of the Contract Documents, and change the original documents only in the manner and to the extent stated below:

- Item No. 1: **Project Manual - Section 23 00 01-5 HVAC Alternates:**
On page 5, add the following item: Contractor shall quote the addition or deduction to the contract price to use Honeywell Building Solutions as the controls contractor rather than Schneider Electric.
- Item No. 2: **Project Manual - Section 23 00 01-14 HVAC Piping:**
On page 14, Item E, Hot Water and Chilled Water Piping, c. 2-2-1/2" and smaller option, revise last sentence to read: Provide a brass or bronze service valve between all copper/iron connections. In lieu of service valve, a solid brass or bronze union may be used.
- Item No. 3: **Project Manual - Section 23 00 01-21 HVAC Piping:**
On page 21, Item L, Piping Specialties, Page #23 00 01-21, remove Item #5 "Air Separator" and Item #6 "Air/Dirt Separator."
- Item No. 4: **Project Manual - Section 23 00 01-23 HVAC Piping:**
On page 23, Item P. Water Treatment, remove Item #'s 2, 3, 4 & 5.
- Item No. 5: **Project Manual - Section 23 00 01-50 HVAC Equipment:**
On page 50, remove Item T – Electric Fin Convectors.
- Item No. 6: **Project Manual - Section 23 00 01-51 HVAC Equipment:**
On page 51, add the following item:
U. Condensing Combustion Vent Stacks (Type II & IV):
Positive Pressure Chimney: Provide boiler combustion gas vent stacks as indicated on the drawings. Each stack shall be UL-1738 & ULC-5636, and NFPA103 listed for positive pressure applications, for natural gas combustion. The stack shall be Category IV, AL29-4C stainless steel dual wall construction with insulating air space with 6" water column pressure rating (except all portions of flue below 8'-0" elevation shall have 1" fiberglass insulation between inner and outer wall or shall have fiberglass wrap - see duct insulation section). Outer wall shall be 28 gauge galvanized or aluminized steel. Stack shall extend 6' above roof elevation.

Contractor shall pipe from drain section to floor drain.

Chimney manufacturer shall provide calculations for each vent system. Chimney manufacturer shall provide all dampers and accessories necessary to ensure proper draft, per the vent calculations. Submit calculations with shop drawings.

Specified: ProTech FasNSeal –W2

Substitute: Heatfab, Metal-Fab, Metalbestos, Schebler

- Item No. 7: **Project Manual - Section 23 00 01-51 HVAC Controls:**
On page 51, Item A, General, Item #2, Edit the last sentence to read: Alternate Controls Contractor: Honeywell Building Solutions (contact Windell Smith, 803-322-6397).
- Item No. 8: **Project Manual - Section 23 00 01-60 HVAC Controls:**
On page 60, Item G, Materials and Equipment, #22, DDC Points List, a. Air Handling Units – MUA: Remove Item #5 – Duct Static Pressure.
- Item No. 9: **Project Manual - Section 23 00 01-64 HVAC Controls:**
On page 64, Item H, Sequence of Operations, #4, Blower Coils, make the following changes:
-Revise item 3 to read: Hot water two-way valve open 10% to the coil
-Revise item d. to read: Dehumidification (BC-77 only)
-Add item e.:
e. Ventilation Control (BC-77 only):
A carbon dioxide sensor shall indicate CO2 levels to the unit controller. On a rise in space CO2 level above 800 ppm (adj.), the controller shall modulate open the ventilation damper as required to maintain set point. The O.A. damper shall remain closed in unoccupied mode and warm-up mode.
-Add item f.:
f. System Shut –Down: The unit shall return to its “off” position on any of the following conditions:
1. De-energized by the BCS
2. Sensing of smoke from the smoke detector
3. High water in condensate drain pan, sensed with a float switch.
- Item No. 10: **Project Manual - Section 23 00 01-64 HVAC Controls:**
On page 64, Item H – Sequence of Operations, remove Item #7 – Exhaust Fan #28. Fan was eliminated.
- Item No. 11: **Project Manual - Section 23 00 01-66 HVAC Controls:**
On page 66, Item H – Sequence of Operations, add Items #17 and #18:

17. Hot Water Distribution Pumps (P-6 and P-7):

Each pump shall have a variable speed drive. The controller shall have a lead-lag switch programmed for change every 30 days.

One hot water distribution pump shall be “on” anytime any two terminals call for heat, and anytime the outdoor air temperature drops below 36degF.

Three sensing devices (one new; two existing) shall indicate pressure to the DDC controller. The controller shall output a 0-10VDC or 4-20 MA signal to the speed drive and shall adjust the pump RPM as required to maintain setpoint. Set the controller to maintain the supply/return differential pressure at 11 psi (26 ft.)

If one pump does not maintain pressure, the lag pump shall also be started. Whenever both pumps are called to run, the lead pump speed shall be reduced to 30% (before the lag pump is started); the lag pump shall be ramped up to 30%, and both pumps shall have speed increased in unison to the pressure set point. When the building heating set point is satisfied, and the lag boiler is "off", the lag pump is turned "off", and the lead pump shall ramp up to the set point pressure.

18. Chilled Water Distribution Pumps: (P-1 and P-10):

Distribution Chilled Water Pumps:

When a chiller pump is energized, a distribution pump shall also run. The distribution pumps shall operate in a lead-lag sequence. The pump positions shall be switched every 30 days. The distribution pumps shall have variable speed drives to adjust the pump motor speed in response to the system water pressure. One chilled water distribution pump shall be "on" anytime the outdoor air temperature drops below 36degF.

Three sensing devices (one new; two existing) shall indicate pressure to the DDC controller. The controller shall output a 0-10VDC or 4-20 MA signal to the variable speed drive and shall adjust the pump RPM as required to maintain setpoint. Set the controller to maintain the supply/return differential pressure at 11 psi (26 ft.).

Item No. 12: **Project Manual - Section 23 00 01 HVAC Equals:**

The following substitute manufacturers shall be considered equal to the specified manufacturers provided that the equipment meets the specifications in all respects.

Air Handling Units:	VTS
Air Handling Units with Energy Recovery:	Daikin Applied, VTS
Blower Coils:	IEC
Electric Unit Heaters:	Indeeco
Expansion Tank / Triple Duty Valve:	Grundfos

Item No. 13: **Project Manual - Section 26 32 13 Packaged Engine Generators:**

Delete the previously issued Section 26 32 13 in its entirety, and include the attached Section 26 32 13 into the contract documents:

Item No. 14: **General Drawings:**

Delete the following previously issued General Drawings in their entirety, and include the attached General Drawings into the contract documents:

- G001 – COVER SHEET

Item No. 15: **Civil Drawings:**

Delete the following previously issued Civil Drawings in their entirety, and include the attached Civil Drawings into the contract documents:

- CV1.2 – SIRE PREPARATION PLAN
- CV1.3 – SITE DEMOLITION PLAN
- CV2.1 – SITE PLAN
- CV2.2—SITE UTILITIES
- CV3.1 – GRADING PLAN
- CV4.2 – SITE DETAILS

Item No. 16: **Architectural Drawings:**

Delete the following previously issued Architectural Drawings in their entirety, and include the attached Architectural Drawings into the contract documents:

- A010 – ARCHITECTURAL SITE PLAN
- A130 – ROOF PLAN

- A210 – REFLECTED CEILING PLAN – AREA ‘A’
- A300 – BUILDING ELEVATIONS
- A301 – BUILDING ELEVATIONS
- A347 – WALL SECTIONS
- A349 – WALL SECTIONS
- A350 – WALL SECTIONS
- A601 – ENLARGED DETAILS
- A603 – ENLARGED DETAILS
- A701 – INTERIOR ELEVATIONS
- A703 – INTERIOR ELEVATIONS
- A800 – DOOR SCHEDULE
- A801 – DOOR DETAILS
- A820 – WINDOW SCHEDULE
- A821 – WINDOW DETAILS
- ID101 – FINISH SCHEDULE AND LEGEND
- ID102 – NEW CONSTRUCTION FLOOR PATTERN PLAN
- ID103 – NEW CONSTRUCTION FLOOR PATTERN PLAN
- ID104 – EXISTING BUILDING FLOOR PATTERN PLAN

Item No. 17: **Plumbing Drawings:**

Delete the following previously issued Plumbing Drawings in their entirety, and include the attached Plumbing Drawings into the contract documents:

- P100 – OVERALL PLUMBING PLAN
- P101 – AREA ‘A’ PLUMBING FLOOR PLAN
- P102 – AREA ‘A’ CONTINUED PLUMBING FLOOR PLAN
- P103 —EXISTING PLUMBING MODIFICATIONS & NEW SEWER CAMERA TEST
- P200 – FOOD PREP PLUMBING PLAN
- P300 – PLUMBING SCHEDULES & DETAILS

Item No. 18: **Mechanical Drawings:**

Delete the following previously issued Mechanical Drawings in their entirety, and include the attached Mechanical Drawings into the contract documents:

- M101 – AREA ‘A’ HVAC FLOOR PLAN
- M102 – AREA ‘A’ CONTINUED HVAC FLOOR PLAN
- M201 – AREA ‘A’ HVAC PIPING PLAN
- M202 – AREA ‘A’ CONTINUED HVAC PIPING PLAN
- M301 – EXISTING BUILDING HVAC PLAN
- M400 – HVAC SCHEDULES
- M401 – HVAC SCHEDULES
- M500 – HVAC DETAILS
- M501 – HVAC DETAILS

Item No. 19: **Electrical Drawings:**

Delete the following previously issued Electrical Drawings in their entirety, and include the attached Electrical Drawings into the contract documents:

- E001 – GENERAL NOTES, LEGEND, FIXTURE SCHEDULE
- E102 – EXISTING MAIN MECHANICAL ROOM POWER PLAN
- 1E302 – MECHANICAL POWER PLAN (AREA A)
- 1E402 – LIGHTING PLAN (AREA A)
- 1E403 – LIGHTING PLAN (AREA A)
- 1E405 – LIGHTING DETAILS
- 1E502 – FIRE ALARM PLAN (AREA A)
- 3E600 – OVERALL EXISTING BUILDING EMERGENCY EGRESS LIGHTING PLAN

Item No. 20: **Technology Drawings:**

Delete the following previously issued Technology Drawings in their entirety, and include the attached Technology Drawings into the contract documents:

- T110 – TECHNOLOGY FLOOR PLAN – AREA 1
- T111 – TECHNOLOGY – FLOOR PLAN – AREA A CONTINUED
- T115 – TECHNOLOGY – EXIST. BUILDING RENOVATIONS PLAN – AREA D-2

This addendum contains 5 Summary Pages
 1 Specification Section
 53 30x40 Drawings

End of Addendum No. 3

SECTION 26 32 13 - PACKAGED ENGINE GENERATORS (Add Alternate #2)

PART 1: DESCRIPTION OF EQUIPMENT

- A. One (1) 350 KW factory assembled, diesel fired, ignition type generator, rated 480/277 volts, 60 hz with NEMA 3R rated outdoor enclosure and vibration isolation equipment. Controls to be digital based with digital governor and digital voltage regulator
1. Provide factory test, startup by a supplier authorized by the equipment manufacturer (s) and on site testing of the system.
 2. The generator set manufacturer shall warrant all equipment provided under this specification so there is one source for warranty and product service.
 3. The generator set shall operate at 1800 RPM
 4. The generator set shall be rated 350 KW standby rating based on site condition of: Altitude 1960 feet, ambient temperatures up to 104 degrees F
 5. The generator shall have quantity (1) 400 amp, 3 pole circuit breaker (standby loads). All circuit breakers shall be rated at 65 kaic.
 6. The generator set rating shall be based on standby service.
 7. The alternator shall provide a clean AC voltage waveform, with not more than 5% total harmonic distortion at full linear load.
 8. The generator set shall be certified by the engine manufacturer to be suitable for use at the installed location and rating.
 9. A remote LED status indicator panel shall be furnished with the generator system.
 10. The generator shall be provided with an outdoor weather protective sound attenuated enclosure. The package shall comply with the requirements of the National Electrical Code for all wiring materials and component spacing. Housing shall provide ample airflow for generator set operation at rated load and an ambient temperature of 104 degrees F.

B. TRANSFER SWITCH

1. Quantity (1) 400 ampere, 4-pole automatic transfer switch mounted in indoor NEMA 1 rated enclosure shall be provided for standby loads.
2. The automatic transfer switches will be all requirements of NFPA 70, NFPA 110 and NEMA ICS10-1993
3. The transfer switches shall be rated to carry 100 percent of rated current continuously in the enclosure supplied.
4. Transfer switches will have an interrupting rating of 65KAIC.
5. The control system for the automatic transfer switch shall be configurable to perform a complete test of the generator system without transfer switch load connected. An automated generator exercise test shall be built into the automatic transfer switch with programmable testing times and duration.

C. ACCEPTABLE MANUFACTURERS

1. Caterpillar; Engine Division
2. Cumins/Onan Power Generation; Industrial Buisness Group
3. Kohler Company; Generator Division
4. Generac, Industrial Power

D. WARRANTY

1. The generator and associated equipment shall be warranted for a period of not less than 5 years from the date of commissioning against defects in materials and workmanship.
2. The warranty shall be comprehensive. No deductions shall be allowed for travel time, service hours, repair parts etc.

END OF SECTION 26 32 13

SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL

SPARTANBURG, SOUTH CAROLINA

Issue Date/ Description: CONSTRUCTION DOCUMENTS
MPS Project No: 020063.00
Agency Review ID:

OWNER

SPARTANBURG SCHOOL DISTRICT 7
610 DUPIRE DR
SPARTANBURG, SC 29307
864-584-4400
WWW.SPARTANBURG.ORG

DR. THOMAS WHITE

ELECTRICAL

MATRIX ENGINEERING, INC.
912 S. PINE STREET
SPARTANBURG, SC 29302
(864) 583-6274
WWW.MATRIXEI.COM

ROBBIE McDADE

ARCHITECT

McMILLAN PAZDAN SMITH ARCHITECTURE
127 DUNBAR ST
SPARTANBURG, SC 29306
864-585-5678
WWW.MCMILLANPAZDANSMITH.COM

MR. DONNIE L. LOVE JR., AIA.

FIRE PROTECTION

BUFORD GOFF AND ASSOCIATES
1331 ELMWOOD AVE #200
COLUMBIA, SC 29201
(803) 254-6302
WWW.BGAINC.COM

MARK WATTS

CIVIL

BLACKWOOD ASSOCIATES, INC.
603 W MAIN ST.
SPARTANBURG, SC 29301
864-583-5432
WWW.BLACKWOODASSOCIATES.COM

MR. TREY BLACKWOOD

TECHNOLOGY

DESIGN PHASE
(864) 593-4169
TONY.MANGUM@DESIGN-PHASE.NET

TONY MANGUM

CIVIL

SM&E, INC.
301 ZIMA PARK ROAD
SPARTANBURG, SC 29301
864-208-9370
WWW.SMEINC.COM

MICHAEL REVIS

FOOD SERVICE

KRM FOOD SERVICE
4230 FOLKSTON DR.
(704) 724-1045
WWW.KRMFOODSERVICE.COM

KRIS MORPHIS

ROOFING

WM BUILDING ENVELOPE CONSULTANTS
1501 CHAPIN, SC 29306
(803) 260-4532
WWW.WMCONSULTANTS.COM

CHRIS WAITES

STRUCTURAL

JOHNSON & KING ENGINEERS
1223 ELMWOOD AVE
COLUMBIA, SC 29201
803.779.8830

LARRY KING

PLUMBING

CROW AND BULMAN ENGINEERING
800 E. MAIN STREET
SPARTANBURG, SC 29302
(864) 585-9903
WWW.CBENGR.COM

HAMP CROW
HAL CROW

MECHANICAL

CROW AND BULMAN ENGINEERING
800 E. MAIN STREET
SPARTANBURG, SC 29302
(864) 585-9903
WWW.CBENGR.COM

HAMP CROW
HAL CROW

DRAWING LIST

GENERAL	
SHEET NO	SHEET NAME
G001	COVER SHEET
G010	F3 FORM
G011	IBEC CODE INFO, DESIGN & CONSTRUCTION PERMITS
G110	OVERALL LIFE SAFETY PLAN
G111	LIFE SAFETY PLAN AREA 'D-Z' AND COURTYARD AREAS
G112	TEMPORARY EGRESS PLAN DURING CONSTRUCTION
G113	LIFE SAFETY DETAILS

CIVIL	
SHEET NO	SHEET NAME
CV1.1	EXISTING CONDITIONS
CV1.2	SITE PREPARATION PLAN
CV1.3	SITE DEMOLITION PLAN
CV2.1	SITE PLAN
CV2.2	SITE UTILITIES
CV3.1	GRADING PLAN
CV4.1	SITE DETAILS
CV4.2	SITE DETAILS
CV4.3	SITE DETAILS

CIVIL	
SHEET NO	SHEET NAME
R1	TITLE SHEET & NOTES
R2	WALL LOCATION PLAN & FACE ELEVATION
R3	TYPICAL SECTION, DETAILS & SPECIFICATIONS

ARCHITECTURAL	
SHEET NO	SHEET NAME
A001	ABBREVIATION, SYMBOLS AND LEGENDS
A003	PARTITION TYPES - METAL STUD AND CMU
A010	ARCHITECTURAL SITE PLAN
A011	ARCHITECTURAL SITE PLAN & DETAILS
A020	CANOPY PLANS
A040	EXIST. BUILDING DEMOLITION PLAN - AREA 'A'-1'
A041	EXIST. BUILDING DEMOLITION PLAN - AREA 'B'-1' & 'B'-2'
A042	EXIST. BUILDING DEMOLITION PLAN - AREA 'D'-1' & 'D'-2'
A043	EXIST. BUILDING DEMOLITION PLAN - MECH. PLATFORM
A100	OVERALL FLOOR PLAN
A110	FLOOR PLAN - AREA 'A'
A111	FLOOR PLAN - AREA 'A' CONTINUED
A112	AREA 'A'1' - TEMPORARY AND FINAL FLOOR PLANS, AND CEILING PLANS
A113	AREA 'B'1' - TEMPORARY AND FINAL FLOOR PLANS, AND CEILING PLANS
A114	EXISTING BUILDING ADDITIONS PLAN - AREA 'B'-2'
A115	EXIST. BUILDING RENOVATIONS PLAN AND TEMPORARY CONSTRUCTION PLAN AREA 'D-Z'
A120	MECHANICAL PLATFORM PLAN
A130	ROOF PLAN
A210	REFLECTED CEILING PLAN - AREA 'A'
A211	REFLECTED CEILING PLAN - AREA 'A' CONTINUED AND EXISTING AREA 'D-Z'
A300	BUILDING ELEVATIONS
A301	BUILDING ELEVATIONS
A330	BUILDING SECTIONS
A331	BUILDING SECTIONS
A340	WALL SECTIONS
A341	WALL SECTIONS
A342	WALL SECTIONS
A343	WALL SECTIONS
A344	WALL SECTIONS
A345	WALL SECTIONS
A346	WALL SECTIONS
A347	WALL SECTIONS
A348	WALL SECTIONS
A349	WALL SECTIONS
A350	WALL SECTIONS
A420	ENLARGED TOILET PLAN
A600	ENLARGED DETAILS
A601	ENLARGED DETAILS
A602	ENLARGED DETAILS
A603	ENLARGED DETAILS
A604	ENLARGED DETAILS
A700	INTERIOR ELEVATIONS
A701	INTERIOR ELEVATIONS
A702	INTERIOR ELEVATIONS
A703	INTERIOR ELEVATIONS
A800	DOOR SCHEDULE
A801	DOOR DETAILS
A802	DOOR DETAILS
A820	WINDOW SCHEDULE
A821	WINDOW DETAILS
A822	WINDOW DETAILS
ID100A	EXISTING BUILDING - CAFETERIA WINDOW SHADES
ID100B	EXISTING BUILDING - GYM WINDOW SHADES
ID101	FINISH SCHEDULE AND LEGEND
ID102	NEW CONSTRUCTION FLOOR PATTERN PLAN
ID103	NEW CONSTRUCTION FLOOR PATTERN PLAN
ID104	EXISTING BUILDING FLOOR PATTERN PLAN

ROOFING	
SHEET NO	SHEET NAME
R100	ROOF PLAN
R200	DETAILS
R201	DETAILS

STRUCTURAL	
SHEET NO	SHEET NAME
S110	FOUNDATION PLAN - AREA 'A'
S111	FOUNDATION PLAN - AREA 'A' CONTINUED
S112	FOUNDATION PLAN - AREA 'B-Z'
S210	MECHANICAL PLATFORM PLAN - AREA 'A'
S211	MECHANICAL PLATFORM PLAN - AREA 'A' CONTINUED
S212	STORAGE ROOF FRAMING PLAN - AREA 'B-Z'
S310	ROOF FRAMING PLAN - AREA 'A'
S311	ROOF FRAMING PLAN - AREA 'A' CONTINUED
S410	FOUNDATION SECTIONS
S510	ROOF FRAMING SECTIONS
S511	ROOF FRAMING SECTIONS
S512	ROOF FRAMING SECTIONS
S513	ROOF FRAMING SECTIONS
S514	ROOF FRAMING SECTIONS
S515	ROOF FRAMING SECTIONS
S516	ROOF FRAMING SECTIONS
S517	ROOF FRAMING SECTIONS
S518	ROOF FRAMING SECTIONS
S519	ROOF FRAMING SECTIONS
S520	ROOF FRAMING SECTIONS
S610	MASONRY REINFORCING AND LINTEL SCHEDULE

PLUMBING	
SHEET NO	SHEET NAME
P100	OVERALL PLUMBING PLAN
P101	AREA 'A' PLUMBING FLOOR PLAN
P102	AREA 'A' CONTINUED PLUMBING FLOOR PLAN
P103	EXISTING PLUMBING MODIFICATIONS & NEW SEWER CAMERA TEST
P200	FOOD PREP PLUMBING PLAN
P300	PLUMBING SCHEDULES & DETAILS

MECHANICAL	
SHEET NO	SHEET NAME
M101	AREA 'A' HVAC FLOOR PLAN
M102	AREA 'A' CONTINUED HVAC FLOOR PLAN
M201	AREA 'A' HVAC PIPING PLAN
M202	AREA 'A' CONTINUED HVAC PIPING PLAN
M301	EXISTING BUILDING HVAC PLAN
M400	HVAC SCHEDULES
M401	HVAC SCHEDULES
M500	HVAC DETAILS
M501	HVAC DETAILS

ELECTRICAL	
SHEET NO	SHEET NAME
E001	GENERAL NOTES, LEGEND, FIXTURE SCHEDULE
E002	SINGLE LINE DIAGRAM
E003	PANEL SCHEDULES (480V)
E004	PANEL SCHEDULES (208V)
E005	EXISTING PANEL SCHEDULES (1 OF 2)
E005.1	EXISTING PANEL SCHEDULES (2 OF 2)
E006	ELECTRICAL SITE PLAN
E007	ELECTRICAL DETAILS
E100	OVERALL PLAN-EXISTING CONDITIONS & NEW ADDITION
E101	OVERALL MECHANICAL PLATFORM PLAN
E102	EXISTING MAIN MECHANICAL ROOM POWER PLAN
E103	AREA 'A'1' & 'B'1' TEMPORARY CONSTRUCTION PLAN
E104	AREA 'A'1' & 'B'1' LIGHTING PLAN
E200	MECHANICAL PLATFORM POWER PLAN (AREA A)
E201	MECHANICAL PLATFORM POWER PLAN (AREA A CONTINUED)
E202	POWER PLAN (AREA A)
E203	POWER PLAN (AREA A CONTINUED)
E204	ENLARGED KITCHEN POWER PLAN & EQUIPMENT WIRING SCHEDULE
E300	MECHANICAL PLATFORM MECHANICAL POWER PLAN (AREA A)
E301	MECHANICAL PLATFORM MECHANICAL POWER PLAN (AREA A CONTINUED)
E302	MECHANICAL POWER PLAN (AREA A)
E303	MECHANICAL POWER PLAN (AREA A CONTINUED)
E400	MECHANICAL PLATFORM LIGHTING PLAN (AREA A)
E401	MECHANICAL PLATFORM LIGHTING PLAN (AREA A CONTINUED)
E402	LIGHTING PLAN (AREA A)
E403	LIGHTING PLAN (AREA A CONTINUED)
E404	LIGHTING PLAN (COURTYARD)
E405	LIGHTING DETAILS
E406	MECHANICAL PLATFORM EMERGENCY PHOTOMETRIC CALCULATIONS
E407	AREA A EMERGENCY LIGHTING PHOTOMETRIC CALCULATIONS
E408	AREA A CONTINUED EMERGENCY LIGHTING PHOTOMETRIC CALCULATIONS
E409	COURTYARD & TEMPORARY CONSTRUCTION EMERGENCY LIGHTING PHOTOMETRIC CALCULATIONS
E410	MECHANICAL PLATFORM NORMAL LIGHTING PHOTOMETRIC CALCULATIONS
E411	AREA A NORMAL LIGHTING PHOTOMETRIC CALCULATIONS
E412	AREA A CONTINUED NORMAL LIGHTING PHOTOMETRIC CALCULATIONS
E500	MECHANICAL PLATFORM FIRE ALARM PLAN (AREA A)
E501	MECHANICAL PLATFORM FIRE ALARM PLAN (AREA A CONTINUED)
E502	FIRE ALARM PLAN (AREA A)
E503	FIRE ALARM PLAN (AREA A CONTINUED)
E504	FIRE ALARM PLAN (COURTYARD)
E505	FIRE ALARM DETAILS
2E100	CLASSROOM STORAGE AND RESTROOM DEMOLITION & POWER PLAN
2E200	CLASSROOM STORAGE AND RESTROOM LIGHTING & FIRE ALARM PLAN
3E100	EXISTING CLASSROOM RENOVATION DEMOLITION PLAN
3E200	EXISTING CLASSROOM RENOVATION POWER PLAN
3E300	EXISTING CLASSROOM RENOVATION LIGHTING PLAN
3E400	EXISTING CLASSROOM RENOVATION FIRE ALARM PLAN
3E500	EXISTING KITCHEN POWER PLAN
3E600	OVERALL EXISTING BUILDING EMERGENCY EGRESS LIGHTING PLAN
4E100	EXISTING CAFETERIA AND GYM MOTORIZED SHADE PLAN
5E001	ADD ALTERNATE #2 SINGLE LINE DIAGRAM
5E002	ADD ALTERNATE #2 PANEL SCHEDULES
5E100	ADD ALTERNATE #2 POWER PLAN
5E200	ADD ALTERNATE #2 MECHANICAL POWER PLAN
5E300	ADD ALTERNATE #2 LIGHTING PLAN
5E100	ADD ALTERNATE #3 MECHANICAL POWER PLAN

FIRE PROTECTION	
SHEET NO	SHEET NAME
F001	LEGEND, NOTES, AND SCHEDULES - FIRE PROTECTION
F010	SITE PLAN - FIRE PROTECTION
F110	FLOOR PLAN - AREA 'A' - FIRE PROTECTION
F111	FLOOR PLAN - AREA 'A' CONTINUED - FIRE PROTECTION
F112	FLOOR PLAN - AREA 'A'1' AND AREA 'B'1' - FIRE PROTECTION
F120	MECH. EQUIPMENT PLATFORM PLAN - FIRE PROTECTION
F400	ENLARGED RISER ROOM AND DETAILS - FIRE PROTECTION

TECHNOLOGY	
SHEET NO	SHEET NAME
T000	TECHNOLOGY - INDEX SHEET
T010	TECHNOLOGY - SITE PLAN
T100	TECHNOLOGY - OVERALL FLOOR PLAN
T110	TECHNOLOGY - FLOOR PLAN - AREA A
T111	TECHNOLOGY - FLOOR PLAN - AREA A CONTINUED
T114	TECHNOLOGY - EXIST. BUILDING RENOVATIONS PLAN - AREA B-2
T115	TECHNOLOGY - EXIST. BUILDING RENOVATIONS PLAN - AREA D-2
T120	TECHNOLOGY - MECHANICAL PLATFORM PLAN
T400	TECHNOLOGY - ENLARGEMENTS
T501	TECHNOLOGY DETAILS
T501	TECHNOLOGY DETAILS

FOOD SERVICE	
SHEET NO	SHEET NAME
FS.01	FOOD SERVICE EQUIPMENT PLAN
FS.02	FOOD SERVICE EQUIPMENT SCHEDULE
FS.03	FOOD SERVICE PLUMBING PLAN
FS.04	FOOD SERVICE ELECTRICAL PLAN



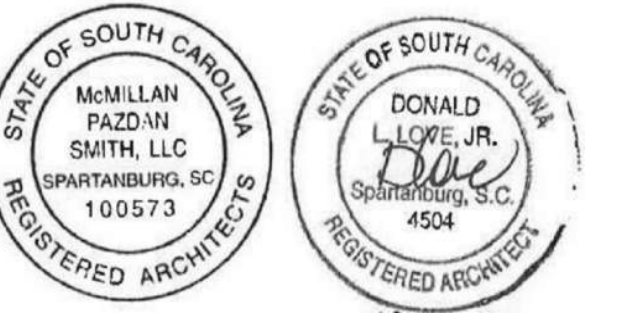
SITE MAP



VICINITY MAP

CONSULTANT LOGO

SEALS



SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

126 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

NO.	DATE	DESCRIPTION	BY
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: DLL
PROJECT ARCHITECT: DLL
DRAWN BY: JMO, JSW, D.C.

SHEET TITLE:
COVER SHEET


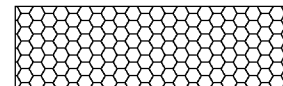

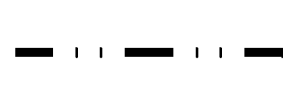

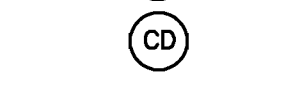

SHEET NO. PROJ. NO.
G001 020063.00

SEQUENCE OF EVENTS

A PRE-CONSTRUCTION CONFERENCE MUST BE HELD WITH SPARTANBURG COUNTY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES. THE OWNER, DESIGN ENGINEER AND CONTRACTOR MUST BE PRESENT AND HAVE OBTAINED THE STORMWATER PERMIT, STAMPED APPROVED PLANS AND THE N.O.I APPROVED LETTER FROM SCDEEC BEFORE CALLING SPARTANBURG COUNTY AT 864-595-5320 TO SCHEDULE THIS MEETING.

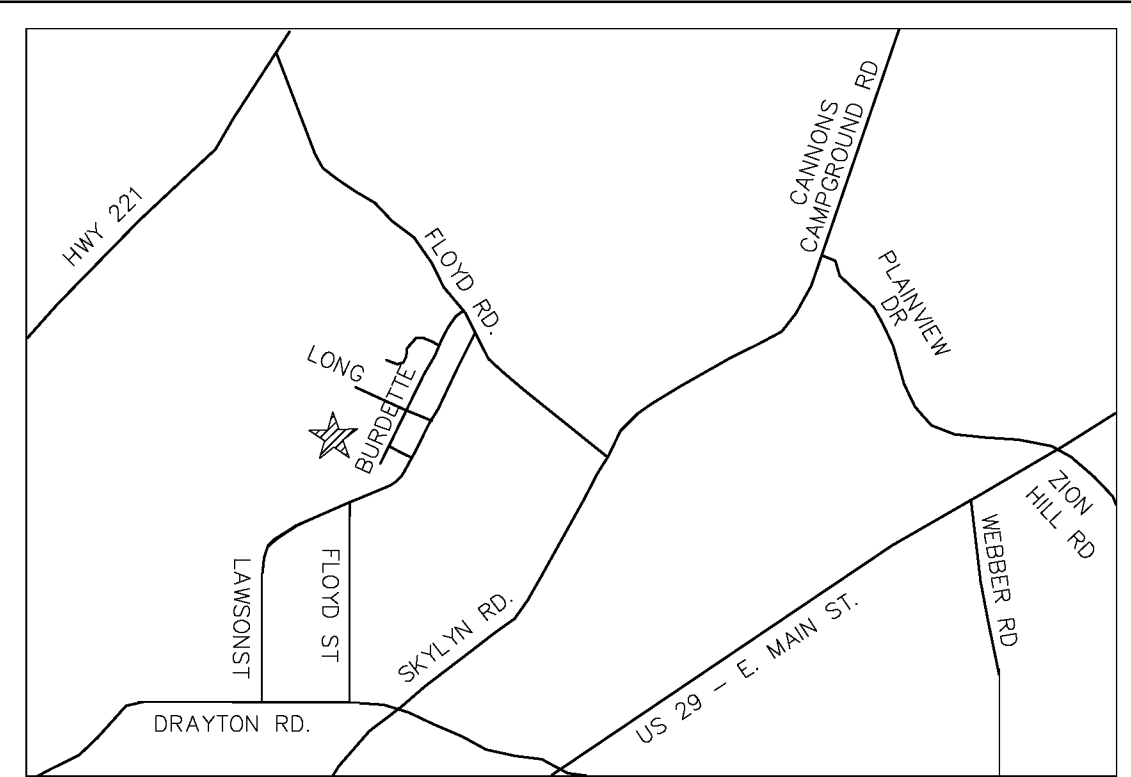
- RECEIVE NPDES COVERAGE FROM SCDEEC.
- HAVE PRE-CONSTRUCTION (CEPSC) CERTIFICATION MEETING.
- NOTIFY SPARTANBURG COUNTY ENGINEERING 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- PHASE I: INITIAL EROSION CONTROL (CV1.2)**
 - CLEARING AND GRUBBING / DEMOLITION ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS (EG. SILT FENCE AND CONSTRUCTION ENTRANCE).
 - REPAIR & MAINTAIN EXISTING SEDIMENT TRAP S1 UNTIL PLAYING FIELD GRADED.
 - INSTALL PERIMETER CONTROLS.
 - BEGIN SELECT DEMOLITION. DO NOT REMOVE EXISTING EROSION CONTROL MEASURES UNTIL GRADING OPERATIONS REQUIRE REMOVAL.
- PHASE II: GRADING (CV1.2 & CV1.1)**
 - CONTINUE & COMPLETE CLEARING AND GRUBBING.
 - BEGIN MASS GRADING OPERATIONS.
 - INSTALL SWALES / INSTALL SLOPE DRAINS / PIPE AS REQUIRED TO DIRECT RUNOFF TO CONTROL MEASURES.
 - INSTALL NEW STORM DRAINAGE.
 - PLACE INLET PROTECTION AROUND ALL CATCH BASINS.
 - COMPLETE REMAINING GRADING, STORM DRAINAGE, AND SITE UTILITIES.
 - COMPLETE BUILDING AND PAVEMENT CONSTRUCTION.
- PHASE III: STABILIZATION (CV3.1)**
 - APPLY GRASSING IN ACCORDANCE WITH GRASS NOTES.
 - INSPECT AND MAINTAIN ALL EROSION CONTROL AS INDICATED IN GRADING NOTES.
 - PERMANENT GRASS SHALL BE INSTALLED FOR ALL AREAS AT FINAL GRADE AND IN SEASON INDICATED ON GRASS NOTES.
 - AFTER COMPLETION OF CONSTRUCTION AND THE SITE IS STABILIZED:
 - REMOVE ALL ACCUMULATED SEDIMENT FROM SEDIMENT TRAPPING MEASURES AND SPREAD EVENLY ACROSS THE SITE.
 - REMOVE ALL TEMPORARY EROSION CONTROL MEASURES, SMOOTH AREAS AND APPLY GRASSING PER GRASS NOTES/SPECIFICATIONS.
 - SUBMIT THE NOTICE OF TERMINATION TO SPARTANBURG COUNTY.

EROSION CONTROL LEGEND

-  SILT FENCE
-  TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
-  INLET PROTECTION
-  LIMITS OF DISTURBANCE
-  PROVIDE CONCRETE WASHDOWN
-  PROVIDE SANITARY FACILITY
-  PROVIDE CONST. DEBRIS ENCLOSURE

SITE CONSTRUCTION NOTES

- COORDINATE LOCATION OF FOLLOWING ITEMS WITH SPARTANBURG COUNTY INSPECTORS.
- ALL LITTER, TRASH AND CONSTRUCTION DEBRIS SHALL BE COLLECTED, STORED AND DISPOSED OF IN ACCORDANCE WITH SCDEEC SOLID WASTE REGULATIONS. PROVIDE TEMPORARY 4' TALL HOGWIRE - 10' X10' SQUARE STORAGE AREA.
 - PROVIDE TEMPORARY SANITARY FACILITIES SHALL BE LOCATED ON A FLAT SURFACE AWAY FROM DRAINAGE FACILITIES, CATCH BASINS, WATERCOURSES AND TRAFFIC CIRCULATION. UPON DISCOVERY, ANY SPILLED MATERIAL SHALL BE CLEANED UP IMMEDIATELY. ALL COLLECTED MATERIAL, CONTAMINATED RAGS AND ABSORBENT MATERIALS SHALL BE DISPOSED OF APPROPRIATELY. LIME SHALL BE SPREAD ON THE CONTAMINATED AREA.
 - CEMENT WASTE AND WASHOUT SHALL NOT BE ALLOWED TO DISCHARGE TO STORM DRAINS, DETENTION PONDS OR WATER COURSES. BE COLLECTED IN A DEPRESSED BERMED AREA AND ALLOWED TO HARDEN. IT SHALL NOT BE ALLOWED TO DISCHARGE TO STORM DRAINS, STORM WATER DETENTION FACILITIES OR WATERCOURSES. PROVIDE 10" DIAMETER - 8" MULCH TUBE TO CONTAIN CONCRETE WASHOUT



INLET PROTECTION

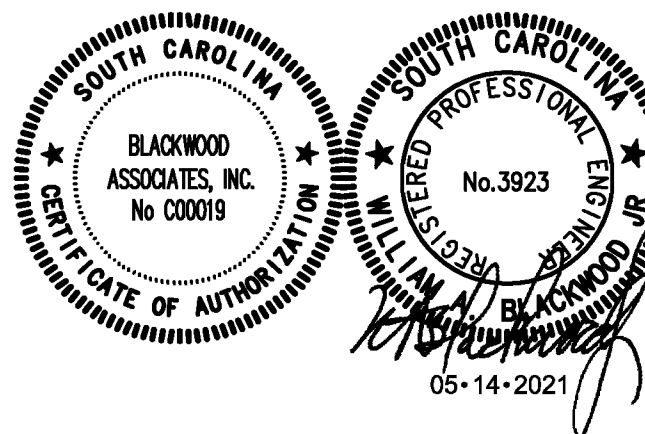
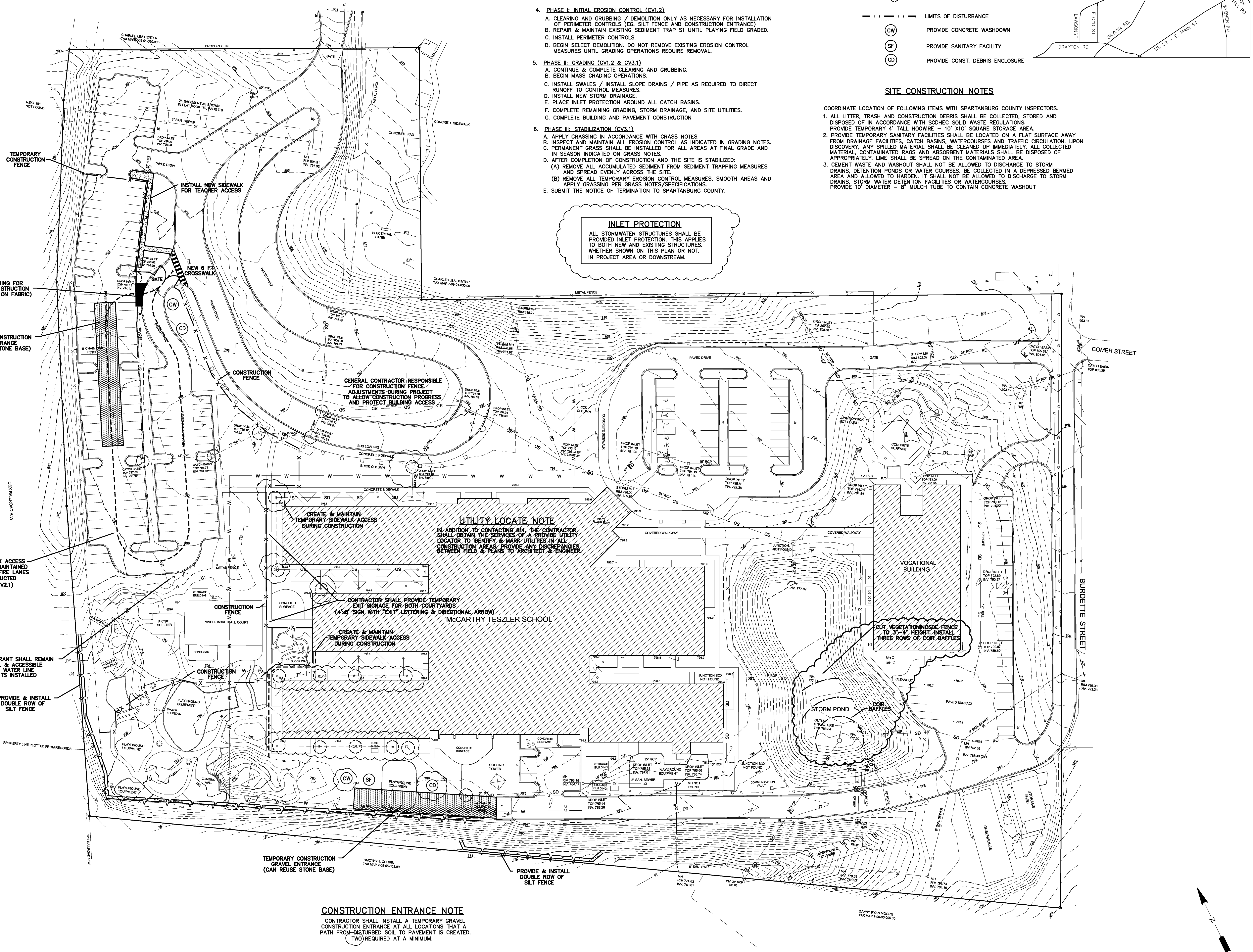
ALL STORMWATER STRUCTURES SHALL BE PROVIDED INLET PROTECTION. THIS APPLIES TO BOTH NEW AND EXISTING STRUCTURES, WHETHER SHOWN ON THIS PLAN OR NOT, IN PROJECT AREA OR DOWNSTREAM.

UTILITY LOCATE NOTE

IN ADDITION TO CONTACTING 811, THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A PROVIDE UTILITY LOCATOR TO IDENTIFY & MARK UTILITIES IN ALL CONSTRUCTION AREAS. PROVIDE ANY DISCREPANCIES BETWEEN FIELD & PLANS TO ARCHITECT & ENGINEER.

CONSTRUCTION ENTRANCE NOTE

CONTRACTOR SHALL INSTALL A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE AT ALL LOCATIONS THAT A PATH FROM DISTURBED SOIL TO PAVEMENT IS CREATED. TWO REQUIRED AT A MINIMUM.



SPARTANBURG SCHOOL DISTRICT 7
 ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	ADDENDUM NO. 1	WAB
2	05/12/2021	ADDENDUM NO. 2	WAB
3	05/14/2021	ADDENDUM NO. 3	WAB

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: WAB
 PROJECT ENGINEER: WAB
 DRAWN BY: WAB

SITE PREPARATION PLAN

SHEET NO. PROJ. NO. 020063.00

CV1.2

1 INCH = 40 FEET

HATCHING LEGEND

[Hatched Pattern]	PROPOSED BUILDING
[Hatched Pattern]	CONCRETE (SIDEWALKS, PADS, ETC)
[Hatched Pattern]	SYNTHETIC PLAYGROUND SURFACE
[Hatched Pattern]	MODIFIED STANDARD DUTY ASPHALT PAVEMENT

CAD FOR STAKE-OUT PURPOSES

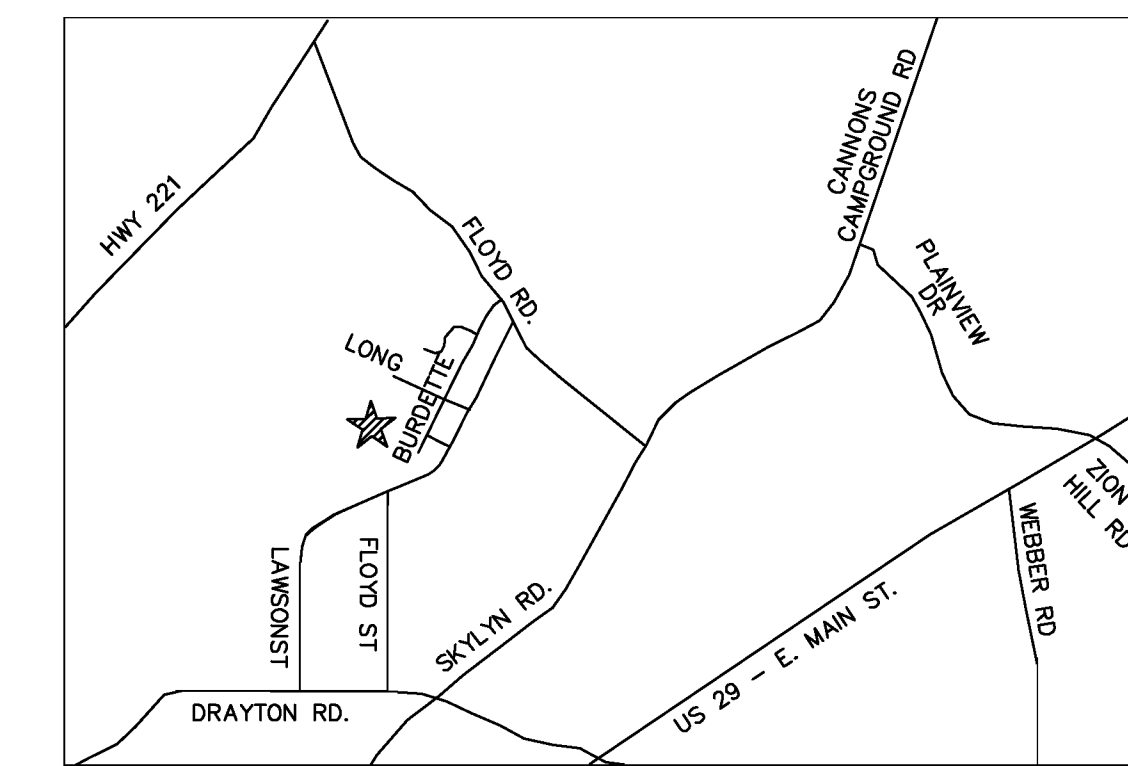
THE GENERAL CONTRACTOR SHALL BE PROVIDED AN ELECTRONIC COPY OF THIS AUTOCAD DRAWING TO ASSIST STAKEOUT BY SURVEYOR. DIMENSIONS ARE PROVIDED FOR FIELD CHECKS, NOT LAYOUT PURPOSES. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR LAYOUT ASSISTANCE SINCE ADDITION IS CONNECTED TO EXISTING STRUCTURE.

SPECIFICATIONS/NOTES

- CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATION. ADVISE ENGINEER IMMEDIATELY OF ANY VARIATIONS. ALL EXCAVATIONS NEAR THESE LINES SHALL BE WITH CAUTION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING CONSTRUCTION WHICH AFFECTS NEW CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE DURING CONSTRUCTION AND/OR RELOCATION AS NECESSARY AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL VERIFY ALL WORK PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. DISCONTINUE WORK IN ALL AFFECTED AREAS UNTIL RESOLVED BY ENGINEER.
- EARTHWORK SHALL BE TO THE LINES AND GRADES SHOWN. THE CONTRACTOR SHALL PROOF-ROLL THE CONSTRUCTION AREA WITH HEAVY-PNEUMATIC EQUIPMENT. ALL SOFT SPOTS SHALL BE UNDERCUT AND RECOMPACTED WITH SUITABLE STRUCTURAL FILL MATERIAL. ALL FILL COMPACTION SHALL BE 95% OF MAXIMUM PER ASTM D-698 (STANDARD PROCTOR). ALL MATERIAL WITHIN 18 INCHES OF PAVEMENT AND BUILDING SUBGRADE SHALL BE COMPACTED TO 98% OF MAXIMUM. FILL MATERIAL SHALL NOT CONTAIN ORGANIC MATERIAL, DEBRIS OR ROCKS, WHERE FILL IS TO BE PLACED. ALL EXISTING VEGETATION, ROOTS AND OTHER ORGANIC MATTER DOWN TO 12 INCHES BELOW EXISTING GRADE SHALL BE STRIPPED AND DISPOSED OF AS DIRECTED. FILL SHALL BE PLACED IN SUCCESSIVE LAYERS OF NOT MORE THAN 8 INCHES LOOSE THICKNESS. EACH LAYER SHALL BE SPREAD EVENLY AND COMPACTED AS SPECIFIED BEFORE THE NEXT LAYER IS PLACED.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS INCLUDING PAVEMENT, CONCRETE, AND UNSUITABLE MATERIAL FROM THE SITE. ALL AREAS UNDER EXISTING PAVEMENT SHALL BE SCARIFIED BEFORE PLACING STRUCTURAL FILL MATERIAL.
- CATCH BASINS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SCDOT STANDARD DRAWINGS FOR ROAD CONSTRUCTION.
- STORM SEWER SHALL BE LAID ON A MINIMUM TYPE "C" BEDDING FOR DEPTHS UP TO 21', FOR DEPTHS GREATER THAN 21' USE TYPE "B" BEDDING. PLACE BELL OR BED GROOVE END UP GRADE WITH THE SPOOT OR TONGUE FULLY INSERTED. EACH JOINT SHALL BE CHECKED FOR ALIGNMENT AND GRADE AS THE WORK PROCEEDS. APPROVED BACKFILL MATERIAL SHALL BE PLACED CAREFULLY ALONG THE PIPE AND COMPACTED UNDER HANDS. MATERIAL SHALL BE BROUGHT UP EVENLY IN LAYERS ON BOTH SIDES OF THE PIPE AND TO ONE FOOT ABOVE THE TOP OF THE PIPE. MATERIAL SHALL BE PLACED IN A MANNER SO AS NOT TO DISPLACE OR DAMAGE THE INSTALLED PIPE. BACKFILL SHALL BE PLACED AND COMPACTED IN LAYERS AS SPECIFIED.
- REINFORCED CONCRETE PIPE (RCP) SHALL BE: CLASS III - DEPTHS 0'-14" CLASS "C" BEDDING CLASS IV - DEPTHS 14.1'-21" CLASS "C" BEDDING CLASS V - DEPTHS 21.1'-27" CLASS "B" BEDDING CLASS VI - DEPTHS 27.1'-41" CLASS "B" BEDDING. ALL RCP SHALL HAVE BUTYL RUBBER GASKET SEALANT UNLESS OTHERWISE SPECIFIED. JOINTS AND FITTINGS / ACCESSORIES SHALL BE COMPATIBLE WITH PIPE. SEE BEDDING DETAILS.
- HOPE STORM SEWER LINES (DOWNSPOUT COLLECTION SYSTEM ONLY) SHALL BE ASTM 3350 WITH SMOOTH INTERIOR DOUBLE WALLS. JOINTS SHALL BE GASKETED WITH MINIMUM SOIL TIGHT CONNECTIONS. BEDDING AND BACKFILL SHALL BE A MINIMUM CLASS IV-A (ASTM D2321).
- SANITARY SEWER LINES SHALL BE SDR 35 PVC WITH GRAVEL TO THE SPRING LINE. SANITARY SEWER UNDER STORM SEWER SHALL BE CLASS 50 DIP.
- WATER LINES SHALL BE: K COPPER BELOW 3" (UNLESS NOTED) PRESSURE CLASS 350 DIP FOR 3" AND LARGER. WATER LINES SHALL HAVE 3 FT. MINIMUM COVER. ALL WATER LINES USED FOR FIRE PROTECTION SUPPLY SHALL MEET NFPA 24.
- ASPHALT PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS AND THE SOUTH CAROLINA D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL REQUIRED STRIPING AND SIGNAGE FOR WORK ON SITE AND S.C.D.O.T. R.O.W. ALL SITE STRIPING TO COMPLY WITH SCDOT STANDARD PAINT REQUIREMENTS. THERMOPLASTIC PAINT REQUIRED IN SCDOT RIGHT OF WAY.
- CONCRETE SHALL BE 4,000 PSI CONCRETE MINIMUM STEEL REINFORCEMENT SHALL BE ASTM A615, GRADE 60.
- SEE ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS FOR EXACT LOCATION OF UTILITY ENTRANCES TO THE BUILDINGS.

SITE PLAN NOTES

- CONTRACTOR SHALL IDENTIFY THE LOCATION AND ELEVATIONS OF ALL UTILITIES ON SITE BEFORE CONSTRUCTION.
- ANY DISCREPANCIES FROM THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL DIMENSIONS ARE TO THE FACE OF CURB, FACE OF THE BUILDING, OR THE EDGE OF PAVEMENT.
- REFER TO EROSION CONTROL, GRADING, GRASSING, AND UTILITY NOTES FOR ADDITIONAL INFORMATION.
- FOLLOW ALL S.C.D.O.T., AND OSHA GUIDELINES AND REGULATIONS WHEN CONSTRUCTING UTILITY AND DRAINAGE TIES IN HIGHWAY.



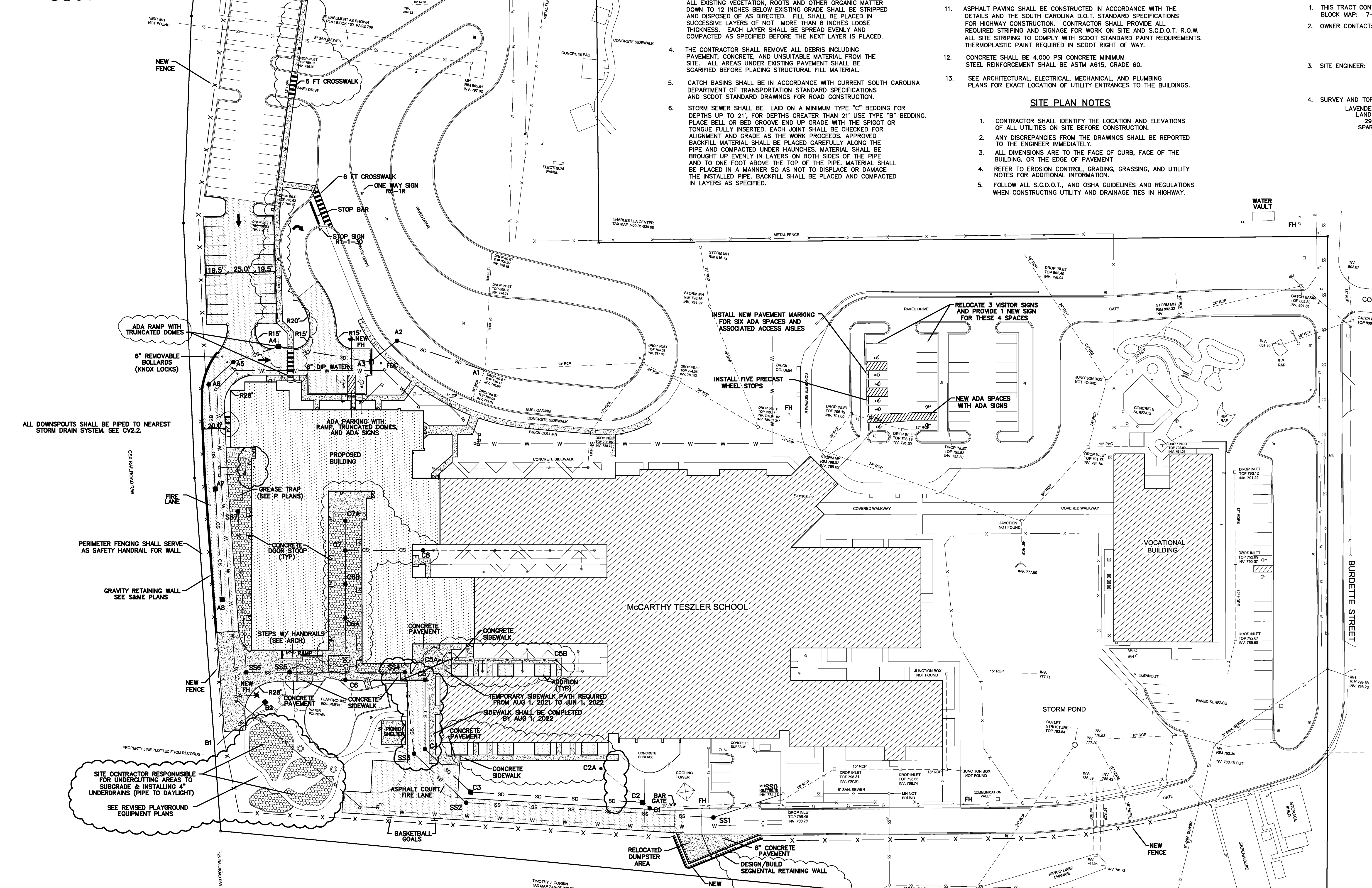
mcmillan pazdan smith ARCHITECTURE

BAI BLACKWOOD ASSOCIATES INC.
CONSULTING ENGINEERS
PO BOX 366
SPARTANBURG, SC 29304
864-583-5432 FAX-583-5434

GENERAL NOTES:

- THIS TRACT CONTAINS 16.27 AC. BLOCK MAP: 7-09-01-030.03
- OWNER CONTACT: SPARTANBURG COUNTY SCHOOL DISTRICT SEVEN
DR. THOMAS WHITE
610 DUPRE DRIVE
SPARTANBURG, SC 29302
PHONE: (864) 594-4400
- SITE ENGINEER: BLACKWOOD ASSOCIATES INC.
PO BOX 366
SPARTANBURG, SC 29304
PHONE: (864) 583-5432
- SURVEY AND TOPOGRAPHIC INFORMATION PROVIDED BY LAVENDER, SMITH & ASSOCIATES, INC.
LAND SURVEYORS & MAPPERS
2900 EAST MAIN STREET
SPARTANBURG, S.C. 29307

SYNTHETIC PLAYGROUND AREAS
SUBGRADE IS 5.5" TO 7" BELOW FINISHED GRADE. SITE CONTRACTOR SHALL INSTALL UNDERDRAIN SYSTEM PRIOR TO SPECIALTY SUBCONTRACTOR INSTALLING 4" STONE BASE AND 1.5" TO 3" OF RUBBERIZED MATERIAL. SITE CONTRACTOR SHALL ENSURE SUBGRADE IS SLOPED TO UNDERDRAIN.



PARKING
141 TOTAL SPACES (131 STANDARD SPACES & 10 HANDICAP SPACES)
STANDARD PARKING SPACES ARE 9 FT WIDE & 18 FT DEEP
ADA PARKING SPACES ARE 10 FT WIDE & 18 FT DEEP
ADA ACCESS AISLES ARE 7 FT WIDE & 18 FT DEEP
EACH HANDICAP SPACE SHALL BE PROVIDED WITH A HANDICAP SIGN. SPACES WITHOUT CURB SHALL HAVE A CONCRETE WHEELSTOP INSTALLED

SIGNAGE & PAVEMENT MARKINGS
PROVIDE TWO (2) COATS STANDARD TRAFFIC PAINT FOR ALL PAVEMENT ARROWS, STRIPING, DRIVE MARKINGS, PARKING SPACES, STOP BARS, ETC. UNLESS THERMOPLASTIC PAINT REQUIRED.
PROVIDE ALL SIGNAGE AS NOTED (COMPLY WITH SCDOT STANDARD)
PROVIDE ADA SIGNAGE FOR ALL ADA SPACES (NEW & EXISTING), UNLESS ALREADY PRESENT.

DESIGN/BUILD: SEGMENTAL RETAINING WALL
THE SEGMENTAL RETAINING WALL SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AS A DESIGN/BUILD COMPONENT OF THE PROJECT. SUBMITTALS SHALL BE SEALED BY A SC PROFESSIONAL ENGINEER AND SUBMITTED TO THE GEOTECHNICAL ENGINEER FOR REVIEW. THE DESIGN SHALL ENCOMPASS ALL COMPONENTS AND ASPECTS OF THE SEGMENTAL WALL, SUCH AS FOUNDATIONS, TIEBACKS, DRAINAGE PROTECTION (SURFACE AND GROUNDWATER), AND EROSION PROTECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROPER BACKFILL MATERIAL IF THE IN-SITU SOIL IS UNSUITABLE.
THE RETAINING WALL STRUCTURE SHALL BE INSTALLED COMPLETE WITH WATER REPELLENCY AND FOUNDATION DRAINAGE TO PREVENT EFFLORESCENCE. BOTTOM ASH SHALL NOT BE PERMITTED IN THE CMU MATERIAL.
DESIGN SHALL MAKE ACCOMMODATIONS FOR INSTALLATION OF FENCE BEHIND TOP WALL. PROVIDE & INSTALL SLEEVES FOR FENCE POSTS.

SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
175 BURETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

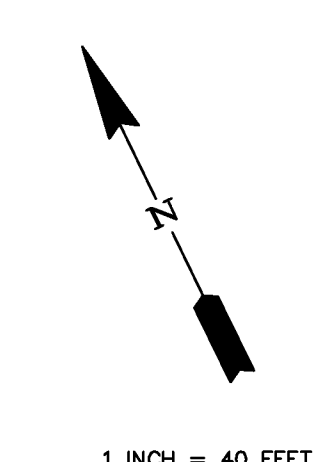
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	ADDENDUM NO. 1	WAB
2	05/12/2021	ADDENDUM NO. 2	WAB
3	05/14/2021	ADDENDUM NO. 3	WAB

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WAB
PROJECT ENGINEER: WAB
DRAWN BY: WAB
SHEET TITLE:

SITE PLAN

SHEET NO. PROJ. NO.
020063.00

CV2.1



SANITARY SEWER TESTING NOTES

GRAVITY SANITARY SEWER

GRAVITY SEWER LINES SHALL BE LAMPED AND ALL PIPES SHALL SHOW A TRUE ALIGNMENT. GRAVITY SEWER LINES COMPOSED OF PVC SHALL BE TESTED FOR DEFLECTION USING A MANDREL. THE DEFLECTION TEST SHALL OCCUR AT THE FINAL INSPECTION, A MINIMUM OF 30 DAYS AFTER COMPLETION OF BACKFILL. PRIOR TO TESTING, CLEAN AND FLUSH LINE OF DIRT AND FOREIGN MATERIAL. THE MANDREL SHALL BE PLACED IN THE PIPELINE AND MANUALLY PULLED. USING A TOW CABLE OR ROPE FROM MANHOLE TO MANHOLE. THE MANDREL SHOULD HAVE A TOW LINE ON EACH END TO FACILITATE REMOVAL IF AN OBSTRUCTION OCCURS. IF THE MANDREL STOPS AND APPEARS THAT IT WILL NOT MOVE FORWARD, RECORD THE DISTANCE BETWEEN MANHOLES AND REMOVE. CONTRACTOR SHALL MAKE REPAIRS AS DIRECTED BY THE ENGINEER. GRAVITY SEWER LINES SHALL BE AIR TESTED. LINES NOT PASSING THE TEST SHALL BE REPAIRED AND RETESTED AS REQUIRED BY THE ENGINEER. CONTRACTOR SHALL FURNISH ALL MATERIALS AND TESTING EQUIPMENT TO PERFORM THE AIR TESTING OF THE SEWER LINE. PRESSURE TESTING SHALL BE PERFORMED AT A TEST PRESSURE OF 4 PSI USING A MONITORING GAUGE (0 TO 5 PSI WITH MINIMUM DIVISIONS OF 0.10 PSI OR APPROVED BY THE INSPECTOR).

SANITARY SEWER MANHOLES

ALL MANHOLES SHALL BE SUBJECT TO A VACUUM TEST. THE CONTRACTOR SHALL FURNISH ALL NECESSARY EQUIPMENT AND LABOR NEEDED FOR CONDUCTING THE TESTS. ALL MANHOLES TO BE TESTED SHALL HAVE PIPES ENTERING AND LEAVING THE MANHOLE PLUGGED. THE MANDREL SHALL HAVE A VACUUM DRAWN OF 10 INCHES OF MERCURY. THE TEST SHALL PASS IF THE VACUUM REMAINS AT 10 INCHES OR DROPS TO 9 INCHES OF MERCURY IN A TIME GREATER THAN ONE MINUTE. THE CONTRACTOR SHALL LOCATE AND REPAIR THE LEAK(S) FOR FAILED MANHOLES.

SANITARY SEWER SCHEDULE

MANHOLE SCHEDULE

MANHOLE	TOP	INVERT IN	INVERT OUT
SSMH7	796.30	791.65	791.45
SSMH6	795.00	790.25	790.05
SSMH5	794.90	789.65	789.45
SSMH4	796.55	788.60	788.40
SSMH3	796.15	787.95	787.75
SSMH2	795.45	787.20	787.00
SSMH1	795.95	785.15	784.95
SSMH0	796.18	784.40	784.17

PIPE SCHEDULE

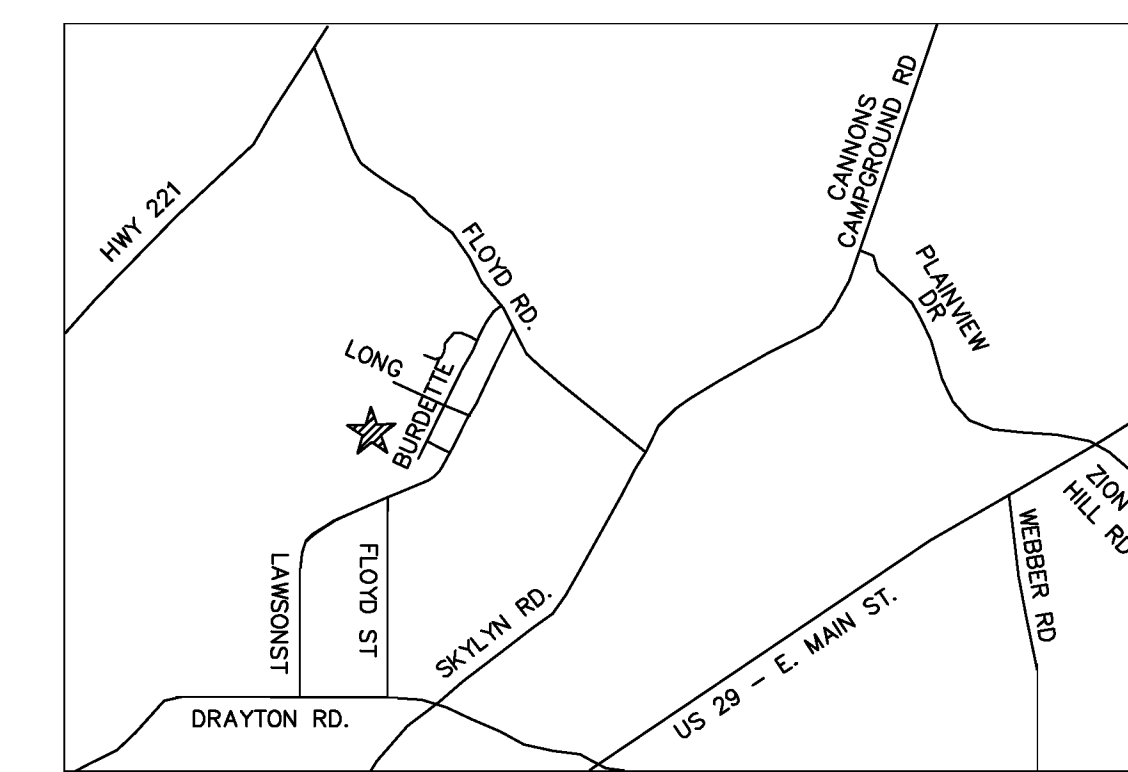
FROM-TO	LENGTH (FT.)	SIZE (IN.)	SLOPE (%)
SSMH7-SSMH6	147.7	6	
SSMH6-SSMH5	47.6	6	
SSMH5-SSMH4	105.6	6	
SSMH4-SSMH3	74.8	6	
SSMH3-SSMH2	65.6	6	
SSMH2-SSMH1	227.6	6	
SSMH1-SSMH0	67.5	6	

PIPE SHALL BE GASKETED SDR35 PVC BEDDED IN WASHED STONE TO THE SPRINGLINE UNLESS NOTED OTHERWISE ON THE SIZE COLUMN ABOVE.

AREAS AROUND MANHOLES SHALL BE GRADED FOR A SMOOTH TRANSITION WITH TOPS AND ADJACENT GRADES FLUSH.

MANHOLES SS4, SS5, & SS7 SHALL HAVE 4" BOOTS INSTALLED FOR CONNECTION BY PLUMBING CONTRACTOR (VERIFY BEFORE PROCUREMENT)

ALL MANHOLE RING AND COVERS SHALL BE ADJUSTED TO MATCH FINISH GRADE. RINGS SHALL BE FLUSH WITH ADJACENT GRADE ELEVATIONS.



mcmillan pazdan smith
ARCHITECTURE

BAI
BLACKWOOD ASSOCIATES INC.
CONSULTING ENGINEERS
PO BOX 366
SPARTANBURG, SC 29304
864-583-5432 FAX-583-5434

Professional Engineer Seal for Blackwood Associates, Inc. No. 3823, State of South Carolina, dated 05-14-2021.

WATER DISTRIBUTION NOTES

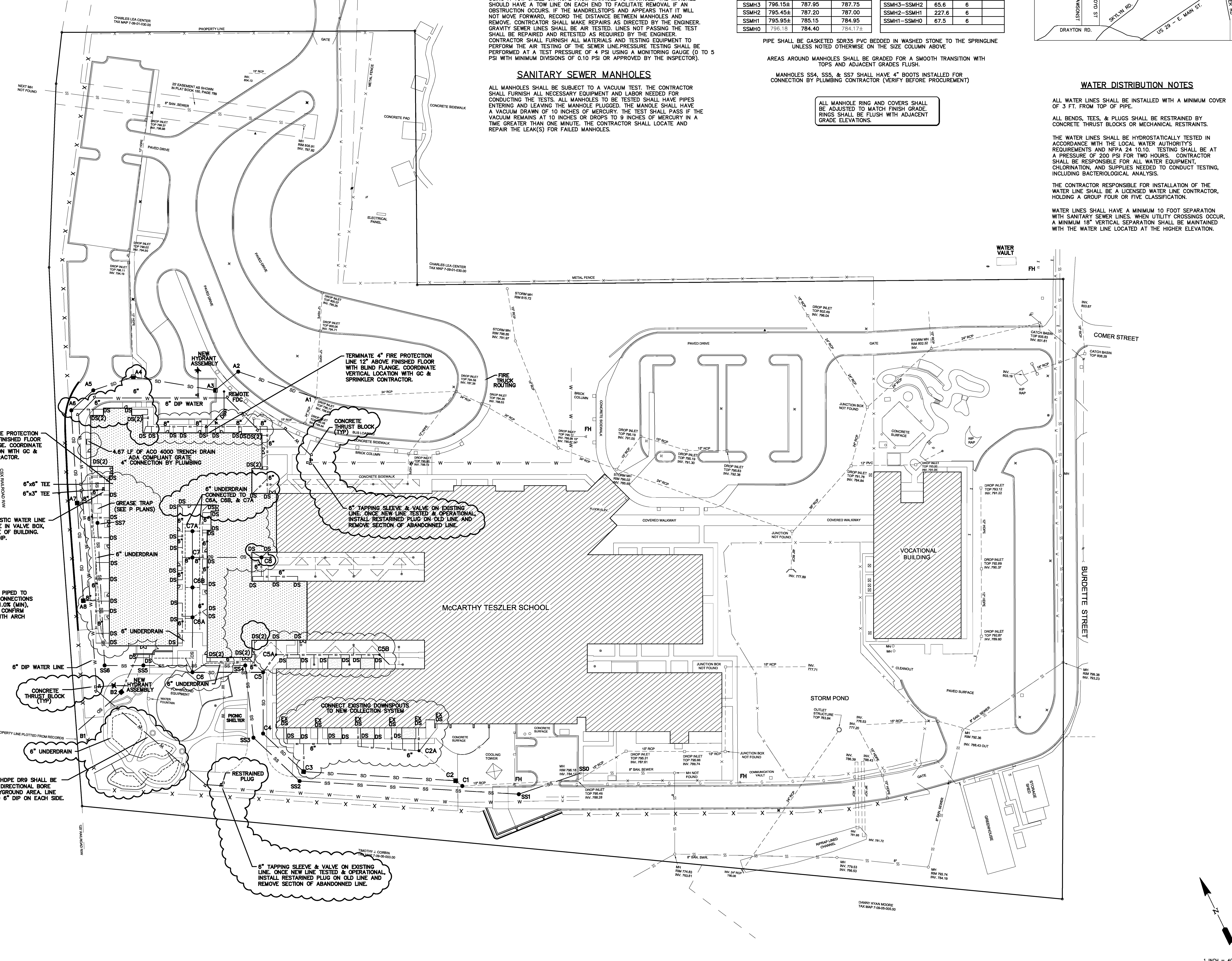
ALL WATER LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 3 FT. FROM TOP OF PIPE.

ALL BENDS, TEES, & PLUGS SHALL BE RESTRAINED BY CONCRETE THRUST BLOCKS OR MECHANICAL RESTRAINTS.

THE WATER LINES SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH THE LOCAL WATER AUTHORITY'S REQUIREMENTS AND NPSA 24 10.10. TESTING SHALL BE AT A PRESSURE OF 200 PSI FOR TWO HOURS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER EQUIPMENT, CHLORINATION, AND SUPPLIES NEEDED TO CONDUCT TESTING, INCLUDING BACTERIOLOGICAL ANALYSIS.

THE CONTRACTOR RESPONSIBLE FOR INSTALLATION OF THE WATER LINE SHALL BE A LICENSED WATER LINE CONTRACTOR, HOLDING A GROUP FOUR OR FIVE CLASSIFICATION.

WATER LINES SHALL HAVE A MINIMUM 10 FOOT SEPARATION WITH SANITARY SEWER LINES. WHEN UTILITY CROSSINGS OCCUR, A MINIMUM 18" VERTICAL SEPARATION SHALL BE MAINTAINED WITH THE WATER LINE LOCATED AT THE HIGHER ELEVATION.



TERMINATE 6" FIRE PROTECTION LINE 12" ABOVE FINISHED FLOOR WITH BLIND FLANGE. COORDINATE VERTICAL LOCATION WITH GC & SPRINKLER CONTRACTOR.

TERMINATE 3" DOMESTIC WATER LINE WITH 3" GATE VALVE IN VALVE BOX, AT 5 FT FROM FACE OF BUILDING. 3" LINE SHALL BE DIP.

DOWNSPOUTS
ALL DOWNSPOUTS SHALL BE PIPED TO STORM DRAINAGE SYSTEM. CONNECTIONS ARE 6" DIA (MIN). LAID AT 1.0% (MIN). WITH 2 FT OF COVER (MIN). CONFIRM NUMBER OF CONNECTIONS WITH ARCH AND ROOFING PLANS.

SECTION OF IPS HDPE DR9 SHALL BE INSTALLED BY DIRECTIONAL BORE UNDERNEATH PLAYGROUND AREA. LINE SHALL CONNECT TO 6" DIP ON EACH SIDE.

6" TAPPING SLEEVE & VALVE ON EXISTING LINE. ONCE NEW LINE TESTED & OPERATIONAL, INSTALL RESTRAINED PLUG ON OLD LINE AND REMOVE SECTION OF ABANDONED LINE.

TERMINATE 4" FIRE PROTECTION LINE 12" ABOVE FINISHED FLOOR WITH BLIND FLANGE. COORDINATE VERTICAL LOCATION WITH GC & SPRINKLER CONTRACTOR.

6" TAPPING SLEEVE & VALVE ON EXISTING LINE. ONCE NEW LINE TESTED & OPERATIONAL, INSTALL RESTRAINED PLUG ON OLD LINE AND REMOVE SECTION OF ABANDONED LINE.

SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	ADDENDUM NO. 1	WAB
2	05/12/2021	ADDENDUM NO. 2	WAB
3	05/14/2021	ADDENDUM NO. 3	WAB

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WAB
PROJECT ENGINEER: WAB
DRAWN BY: WAB

SITE UTILITIES

SHEET NO. PROJ. NO. 020063.00

CV2.2

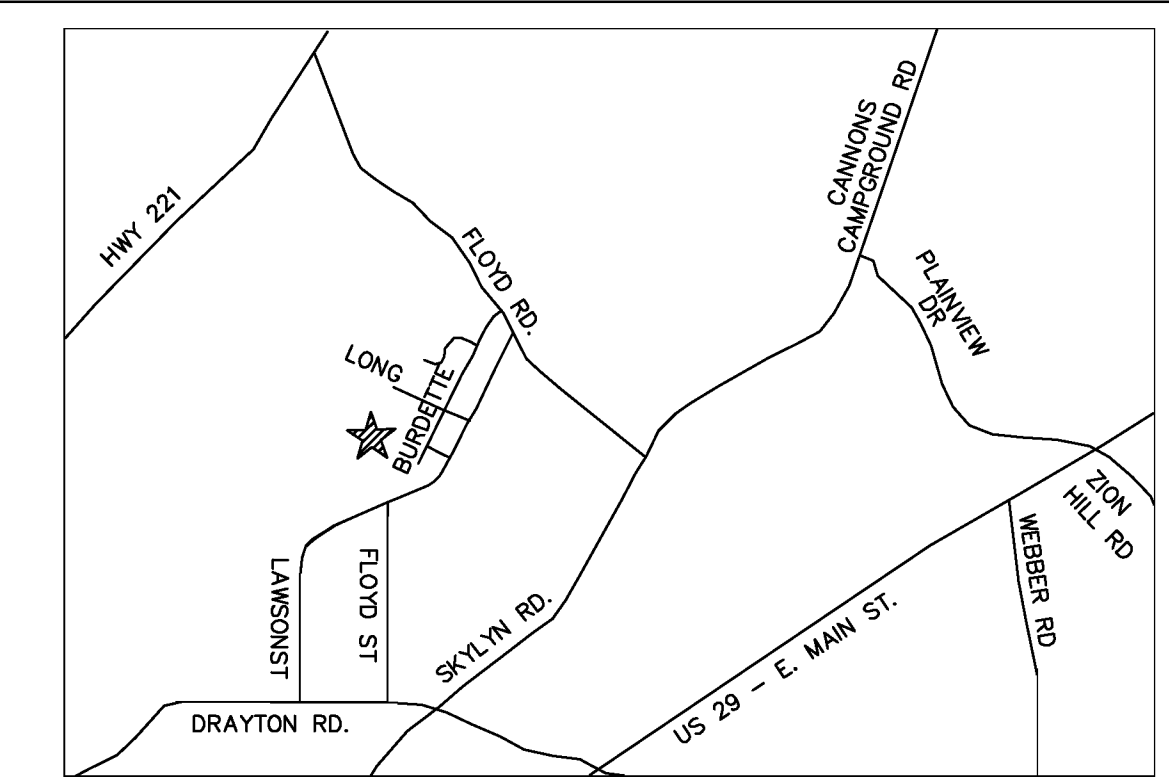
1 INCH = 40 FEET

STABILIZATION NOTE:
ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT STABILIZATION MEASURES (GRASS, LANDSCAPING, OR IMPERVIOUS COVER)

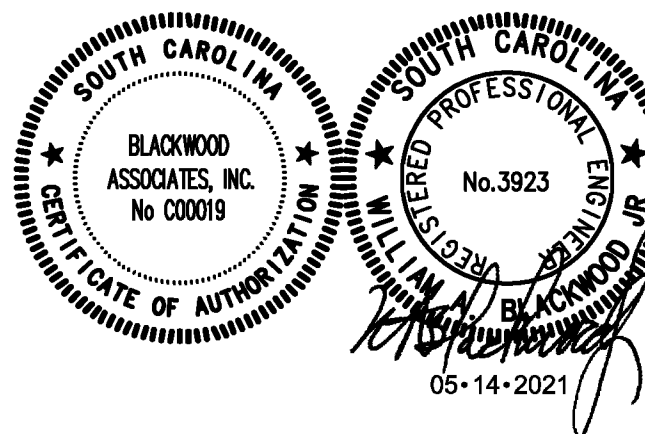
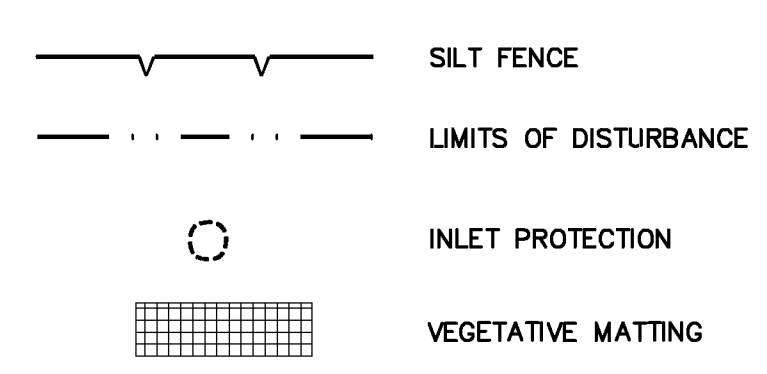
STORM DRAINAGE CHART

INLET SCHEDULE				PIPE SCHEDULE				
INLET	TYPE	TOP /THR.	INVERT IN	INVERT OUT	FROM-TO	LENGTH (FT.)	SIZE (IN.)	SLOPE (%)
A8	GRATE	795.6±		792.55	A8-A7	101.4	18 HP	
A7	GRATE	795.4±	791.85	791.85	A7-A6	96.2	18 HP	
A6	JUNCTION	795.5±	791.35	791.35	A6-A5	30.8	18 RCP	
A5	JUNCTION	795.8±	791.20	791.20	A5-A4	43.2	24 RCP	
A4	HOODED	795.30	790.95	790.95	A4-A3	86.3	24 RCP	
A3	HOODED	794.40	790.50	790.50	A3-A2	30.2	24 RCP	
A2	JUNCTION	797.5±	790.30	790.30	A2-A1	85.0	24 RCP	
A1	EXISTING	796.17	789.85	788.63				
B2	GRATE	794.5		791.5	B2-B1	59.0	12 HP	
B1	OPEN			791.0				
C8	GRATE	796.15		792.50	* C8-C7	71.5	15 DIP	
C7A	GRATE	796.15		792.25	C7A-C7	27.1	12 HP	
C7	GRATE	796.15		792.10	C7-C6C	31.0	18 HP	
C6C	DELETED				C6C-C6B	DELETED		
C6B	GRATE	796.15	791.92	791.92	C6B-C6A	31.0	18 HP	
C6A	GRATE	796.15	791.75	791.75	C6A-C6	56.8	18 HP	
C6	GRATE	796.15	791.45	791.45	C6-C5	73.2	18 HP	
CSB	YARD	796.5±	791.75	791.75	C5B-C5A	107.2	12 HP	
CSA	YARD	796.5±	791.20	791.20	C5A-C5	22.6	12 HP	
C5	JUNCTION	796.5	791.05	791.05	C5-C4	63.5	18 HP	
C4	JUNCTION	796.4	790.7	790.7	C4-C3	57.8	18 HP	
C3	GRATE	795.5	790.4	790.4	C3-C2	157.9	18 HP	
C2A	YARD	795.4	789.6	789.6				
C2	GRATE	795.4	789.6	789.6				
C1	JUNCTION	795.6	789.5	789.5				

REFERENCE SITE PLAN SPECIFICATIONS FOR CLASS PIPE / BEDDING.
SEE DETAILS FOR INLET SCHEDULE ELEVATION LOCATION.
PROVIDE INLET PROTECTION TYPICAL ALL INLETS.
CONTRACTOR TO PROVIDE INLET MAINTENANCE AFTER ALL STORM EVENTS.
* LINE C8-C7 SHALL BE 15° DIP WITH MEGALUGS INSTALLED ON JOINTS. JOINTS WRAPPED FOR ADDITIONAL PROTECTION.
** YARD INLETS IN CONCRETE PAVEMENT SHALL HAVE RING & COVER STYLE TOPS (SOLID)
*** COURTYARD (RUBBERIZED SURFACE AREAS) GRATES SHALL BE 24" ROUND GRATES WITH 6" CONCRETE COLLAR



EROSION CONTROL LEGEND



SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

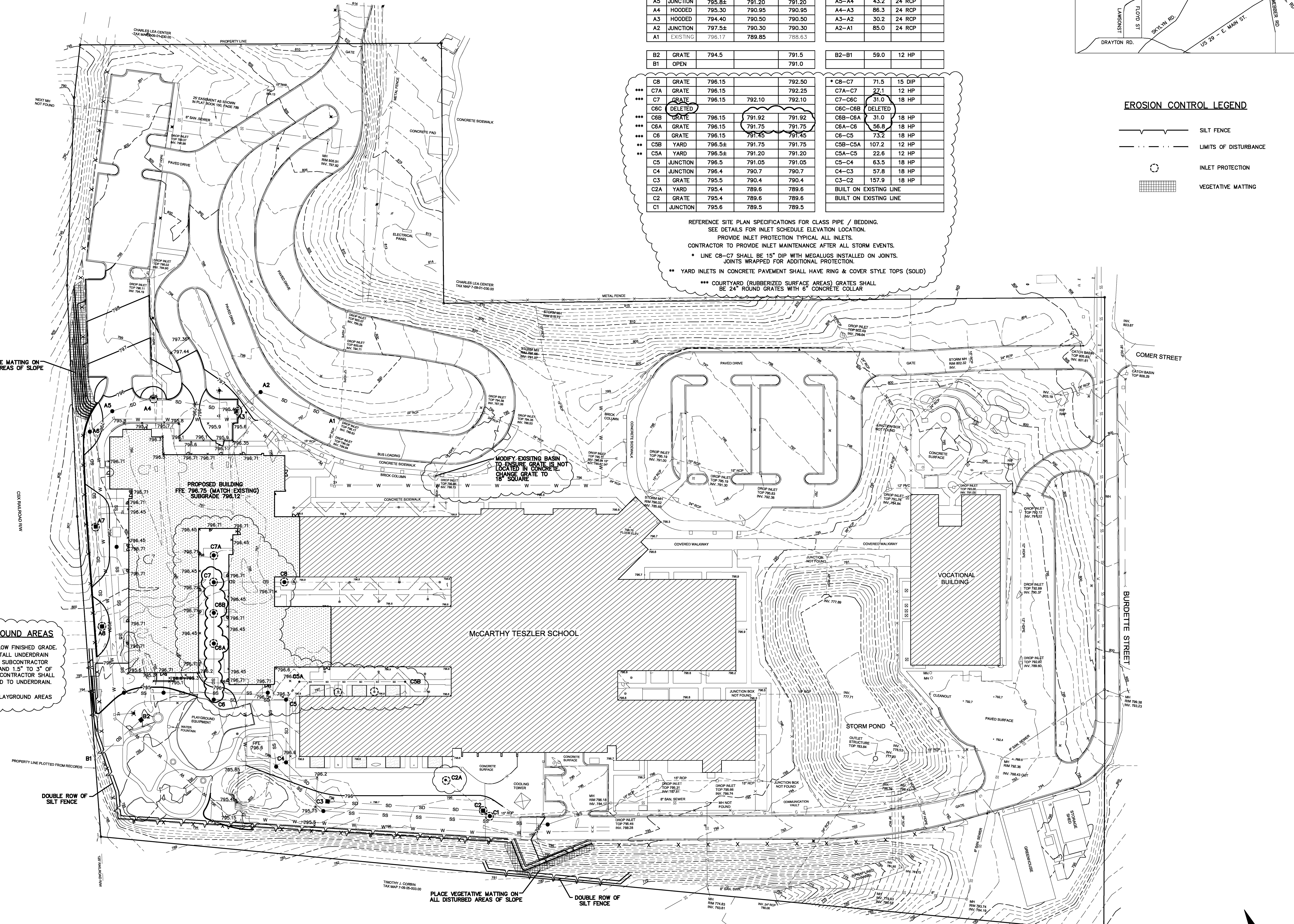
SHEET ISSUE:	NO.	DATE	DESCRIPTION	BY
	1	04/29/2021	ADDENDUM NO. 1	WAB
	2	05/12/2021	ADDENDUM NO. 2	WAB
	3	05/14/2021	ADDENDUM NO. 3	WAB

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WAB
PROJECT ENGINEER: WAB
DRAWN BY: WAB
SHEET TITLE:

GRADING PLAN

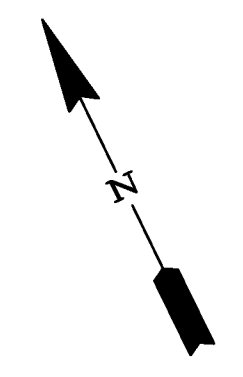
SHEET NO. PROJ. NO. 020063.00

CV3.1

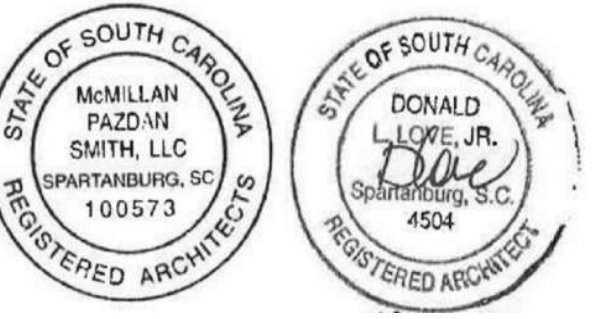


SYNTHETIC PLAYGROUND AREAS
SUBGRADE IS 5.5" TO 7" BELOW FINISHED GRADE. SITE CONTRACTOR SHALL INSTALL UNDERDRAIN SYSTEM PRIOR TO SPECIALTY SUBCONTRACTOR INSTALLING 4" STONE BASE AND 1.5" TO 3" OF RUBBERIZED MATERIAL. SITE CONTRACTOR SHALL ENSURE SUBGRADE IS SLOPED TO UNDERDRAIN.
SEE CV2.1 FOR SYNTHETIC PLAYGROUND AREAS

INLET PROTECTION
ALL STORMWATER STRUCTURES SHALL BE PROVIDED INLET PROTECTION. THIS APPLIES TO BOTH NEW AND EXISTING STRUCTURES, WHETHER SHOWN ON THIS PLAN OR NOT, IN PROJECT AREA OR DOWNSTREAM.



1 INCH = 40 FEET



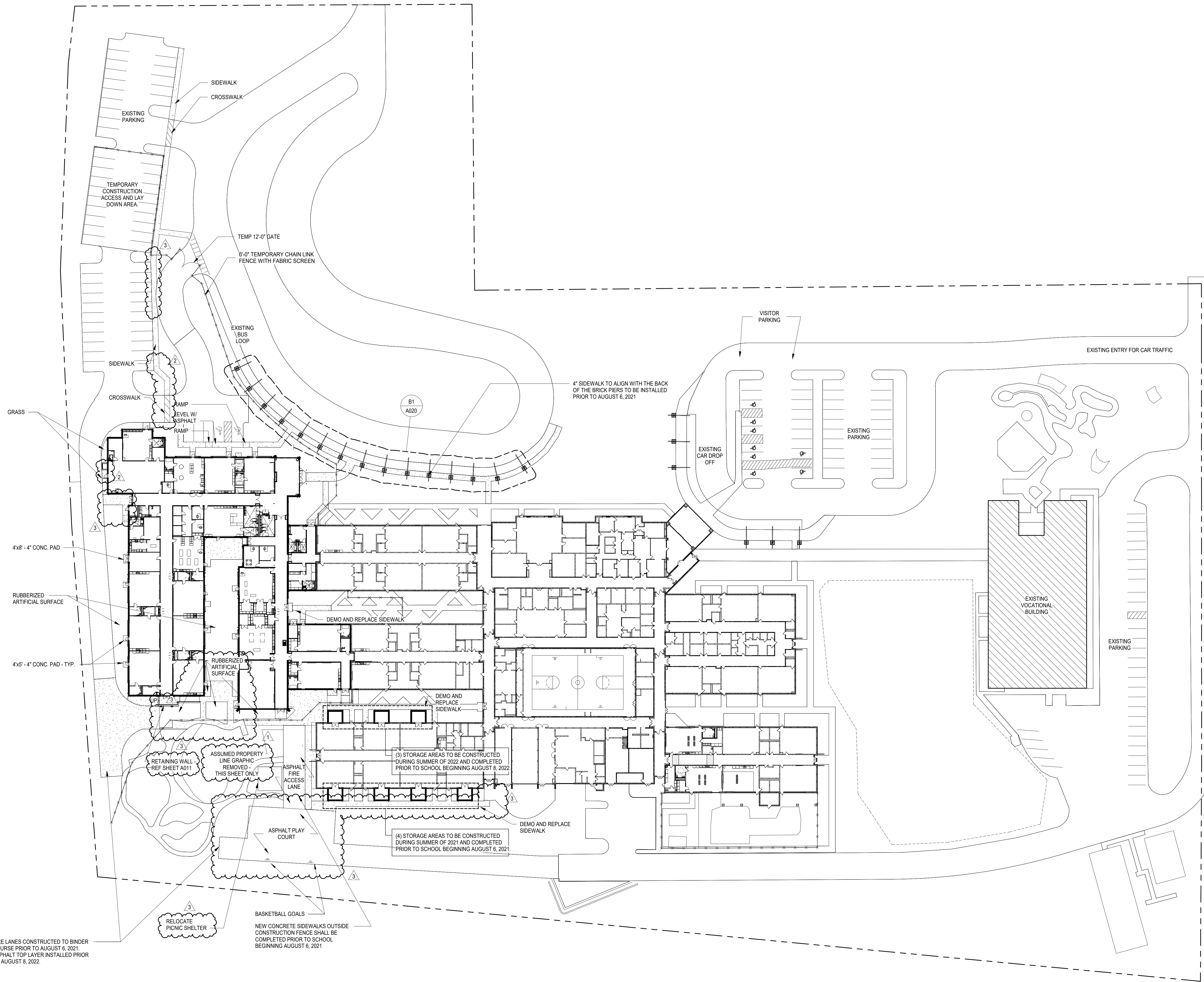
SPARTANBURG SCHOOL DISTRICT 7
**ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL**
 172 BURGETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, D.C.

SHEET TITLE:
**ARCHITECTURAL SITE
 PLAN**

SHEET NO. PROJ. NO.
 A010 020063.00



FIRE LANES CONSTRUCTED TO BINDER COURSE PRIOR TO AUGUST 6, 2021. ASPHALT TOP LAYER INSTALLED PRIOR TO AUGUST 8, 2022.

NEW CONCRETE SIDEWALKS OUTSIDE CONSTRUCTION FENCE SHALL BE COMPLETED PRIOR TO SCHOOL BEGINNING AUGUST 6, 2021

(3) STORAGE AREAS TO BE CONSTRUCTED DURING SUMMER OF 2022 AND COMPLETED PRIOR TO SCHOOL BEGINNING AUGUST 8, 2022

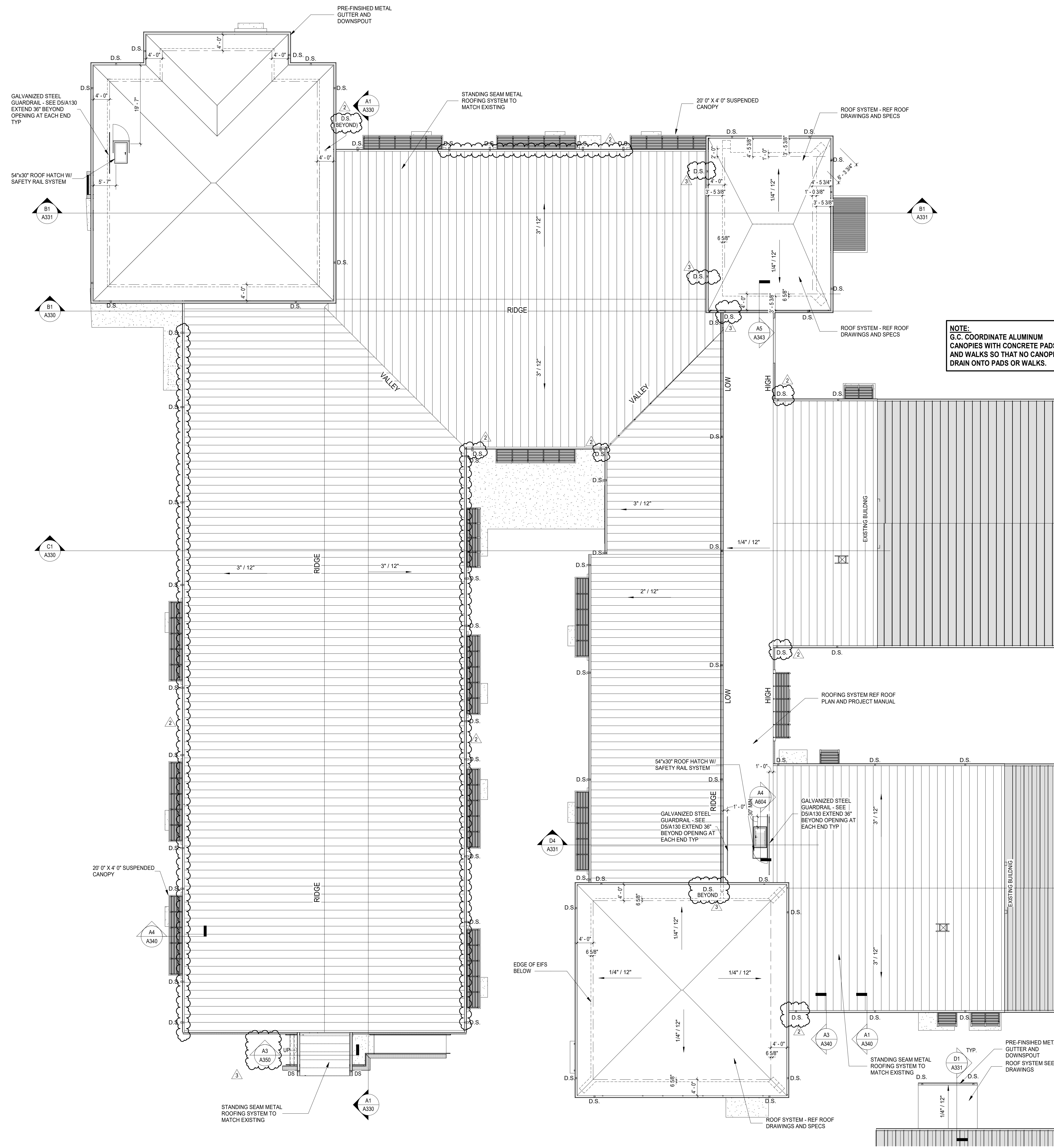
(4) STORAGE AREAS TO BE CONSTRUCTED DURING SUMMER OF 2021 AND COMPLETED PRIOR TO SCHOOL BEGINNING AUGUST 6, 2021

4" SIDEWALK TO ALIGN WITH THE BACK OF THE BRICK PIERS TO BE INSTALLED PRIOR TO AUGUST 6, 2021



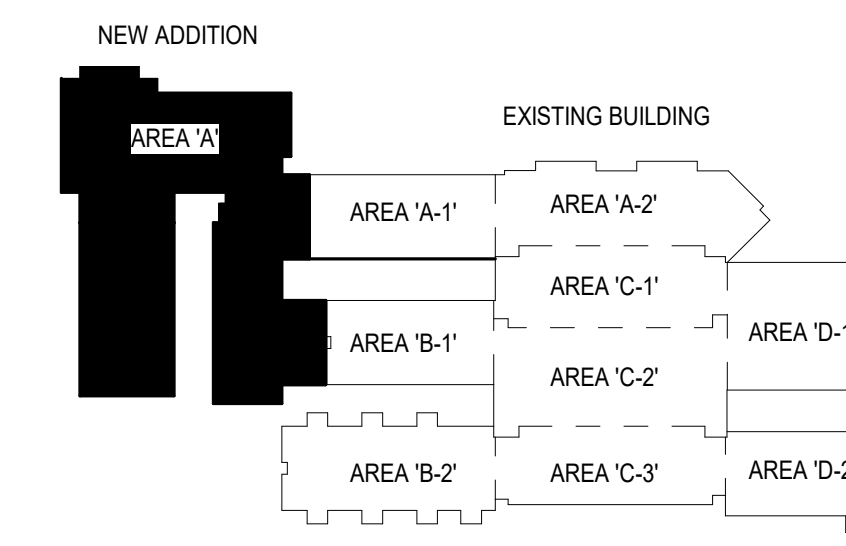
ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND BEST PRACTICES TO BE FOLLOWED BY THE USER. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION DEFECTS OR DAMAGES TO THE PROJECT OR TO ANY OTHER PARTY. ALL RIGHTS RESERVED.

ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS.



NOTE:
 G.C. COORDINATE ALUMINUM CANOPIES WITH CONCRETE PADS AND WALKS SO THAT NO CANOPIES DRAIN ONTO PADS OR WALKS.

KEY PLAN



SPARTANBURG SCHOOL DISTRICT 7
 ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL
 175 BURGETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

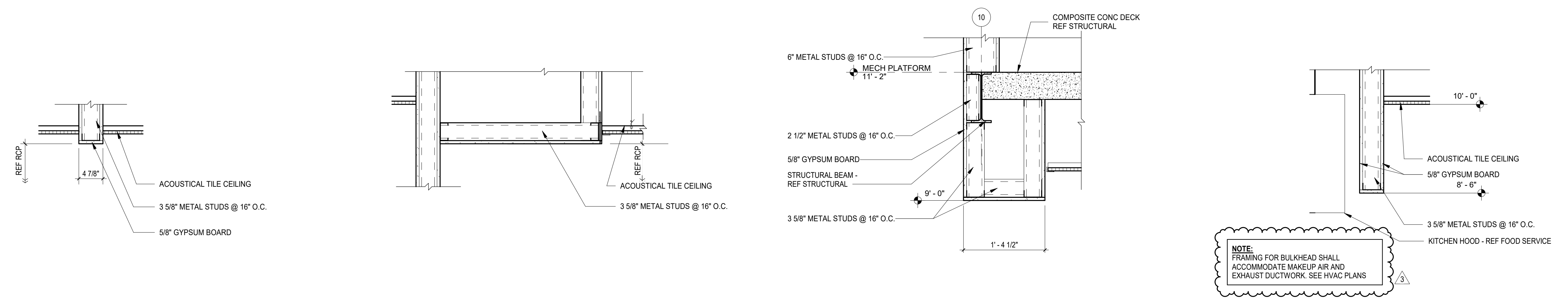
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

SHEET TITLE:
ROOF PLAN

SHEET NO. PROJ. NO. 020063.00



D1 TYP. BULKHEAD DETAIL 1" = 1'-0"
D2 TYP. BULKHEAD DETAIL 1" = 1'-0"
D3 BULKHEAD DETAIL AT MAIN ENTRY 1" = 1'-0"
D4 BULKHEAD AT KITCHEN HOOD 1" = 1'-0"

REFLECTED CEILING PLAN LEGEND

ROOM TAG:
 A101 ROOM NUMBER

CEILING TAG:
 ACT CEILING SYSTEM (SEE ABBREV. LEGEND)
 10'-0" CEILING HEIGHT (ABOVE FINISHED FLOOR)

ABBREVIATION LEGEND:
 ACT ACOUSTIC CEILING TILE
 GB GYPSUM BOARD
 MR MOISTURE RESISTANT
 NR NOISE REDUCTION
 EXP EXPOSED
 CNP CANOPY
 WHC WALL HUNG CANOPY

CEILING HATCH PATTERNS / SYMBOLS:
 [Pattern] CEILING EXPOSED TO STRUCTURE ABOVE, PAINTED UNLESS NOTED OTHERWISE
 [Pattern] 2' x 2' ACOUSTICAL TILE CEILING
 [Pattern] GYPSUM BOARD CEILING
 [Pattern] CEILING MOUNTED ACOUSTICAL PANEL
 [Symbol] CUBICAL CURTAIN TRACK

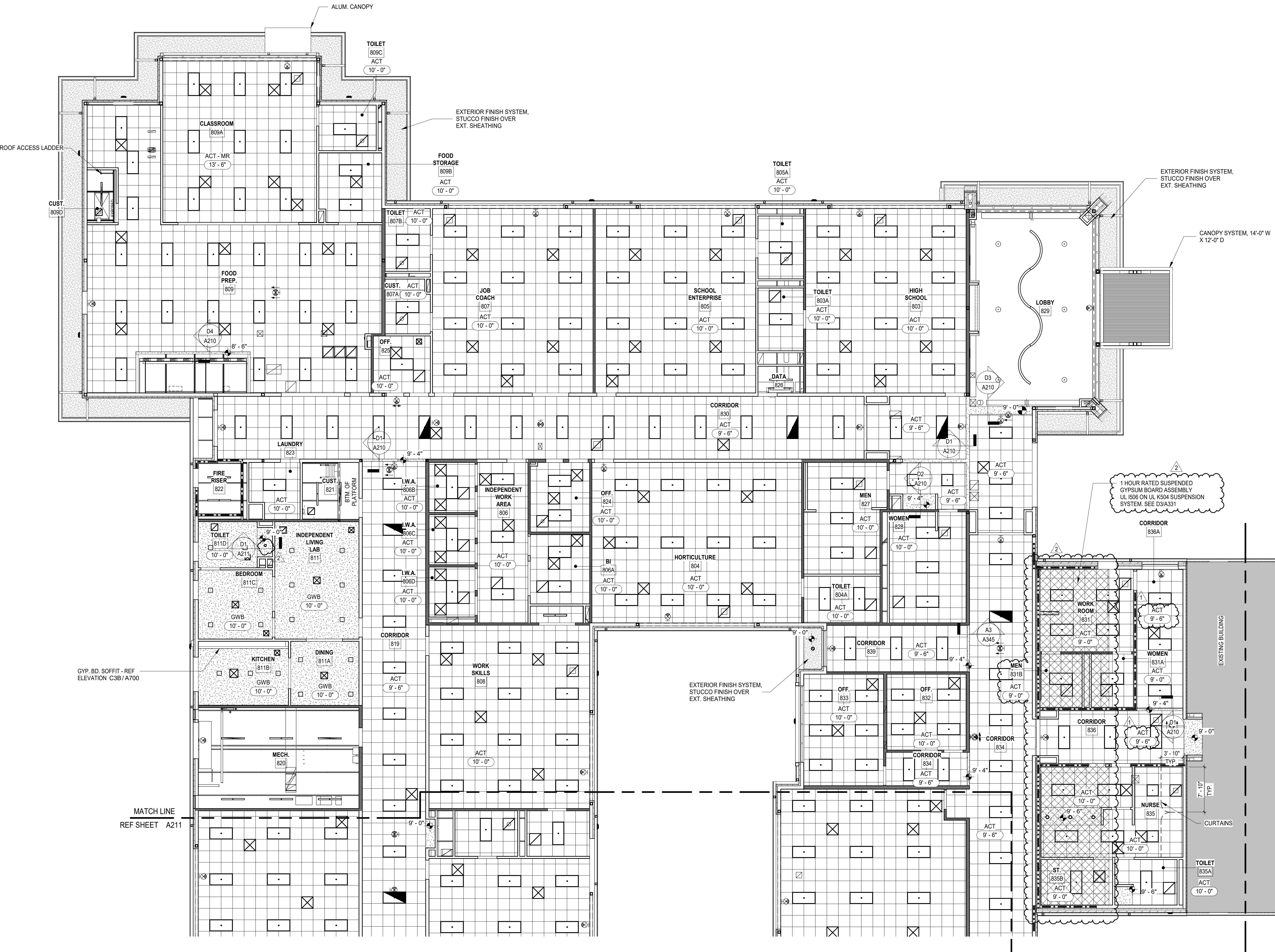
SEE ELECTRICAL:
 [Symbol] EXIT SIGN - WALL MOUNTED (DIRECTIONAL ARROWS WHERE INDICATED)
 [Symbol] EXIT SIGN - CEILING MOUNTED (DIRECTIONAL ARROWS WHERE INDICATED)
 [Symbol] 2x4 LAY-IN LIGHT FIXTURE
 [Symbol] 2x4 LAY-IN EMERGENCY LIGHT FIXTURE
 [Symbol] 2x2 LAY-IN LIGHT FIXTURE
 [Symbol] 2x2 LAY-IN EMERGENCY LIGHT FIXTURE
 [Symbol] RECESSED DOWNLIGHT

SEE MECHANICAL:
 [Symbol] LINEAR SUPPLY DIFFUSER
 [Symbol] ROUND SUPPLY DIFFUSER
 [Symbol] 2' x 2' SUPPLY DIFFUSER
 [Symbol] 2' x 2' RETURN DIFFUSER
 [Symbol] EXHAUST FAN

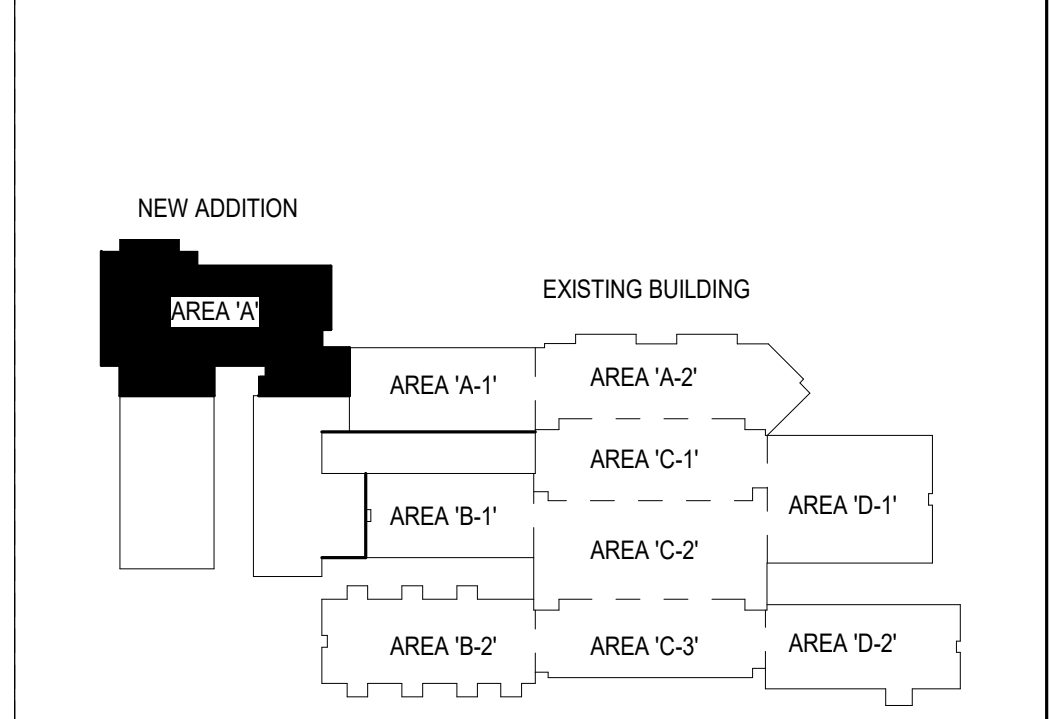
FIRE RATING:
 [Symbol] 3 HR FIRE RATING
 [Symbol] 1 HR FIRE RATING

NOTE: OTHER DISCIPLINES SHOWN FOR COORDINATION PURPOSES ONLY. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND TELECOMMUNICATION SHEETS FOR ELEMENTS NOT SHOWN ON THIS SHEET.

- NOTES:**
1. ALL CEILINGS MUST BE SEISMICALLY BRACED AND INSTALLED PER PROJECT SPECIFICATIONS AND CISCA RECOMMENDATIONS. THIS SPECIFICATION IS IN SEISMIC DESIGN CATEGORY "C". CONTRACTOR TO ASSUME CEILING SYSTEM WEIGHT EXCEEDS 2.5 LBS/FT.
 2. ALL LIGHT FIXTURES, MECHANICAL DEVICES AND SPEAKERS IN CEILING SYSTEM MUST BE INSTALLED PER PROJECT MANUAL AND CISCA RECOMMENDATIONS.
 3. GC SHALL COORDINATE CEILING SYSTEM INSTALLATION W/ PUBLISHED OSF APPROVED GUIDELINES.
 4. SEAL AROUND ALL PENETRATIONS THROUGH THE CEILING TILE.
 5. SEAL ALL PERIMETER ANGLE TO THE WALL.



KEY PLAN



A1 REFLECTED CEILING PLAN - AREA 'A'
 A210 1/8" = 1'-0"

mcmillan pazzan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

STATE OF SOUTH CAROLINA
 MCMILLAN PAZZAN SMITH, LLC
 SPARTANBURG, SC 29303
 REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
 DONALD L. LLOYD, JR.
 SPARTANBURG, SC 29303
 REGISTERED ARCHITECT

SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL

175 BURETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021

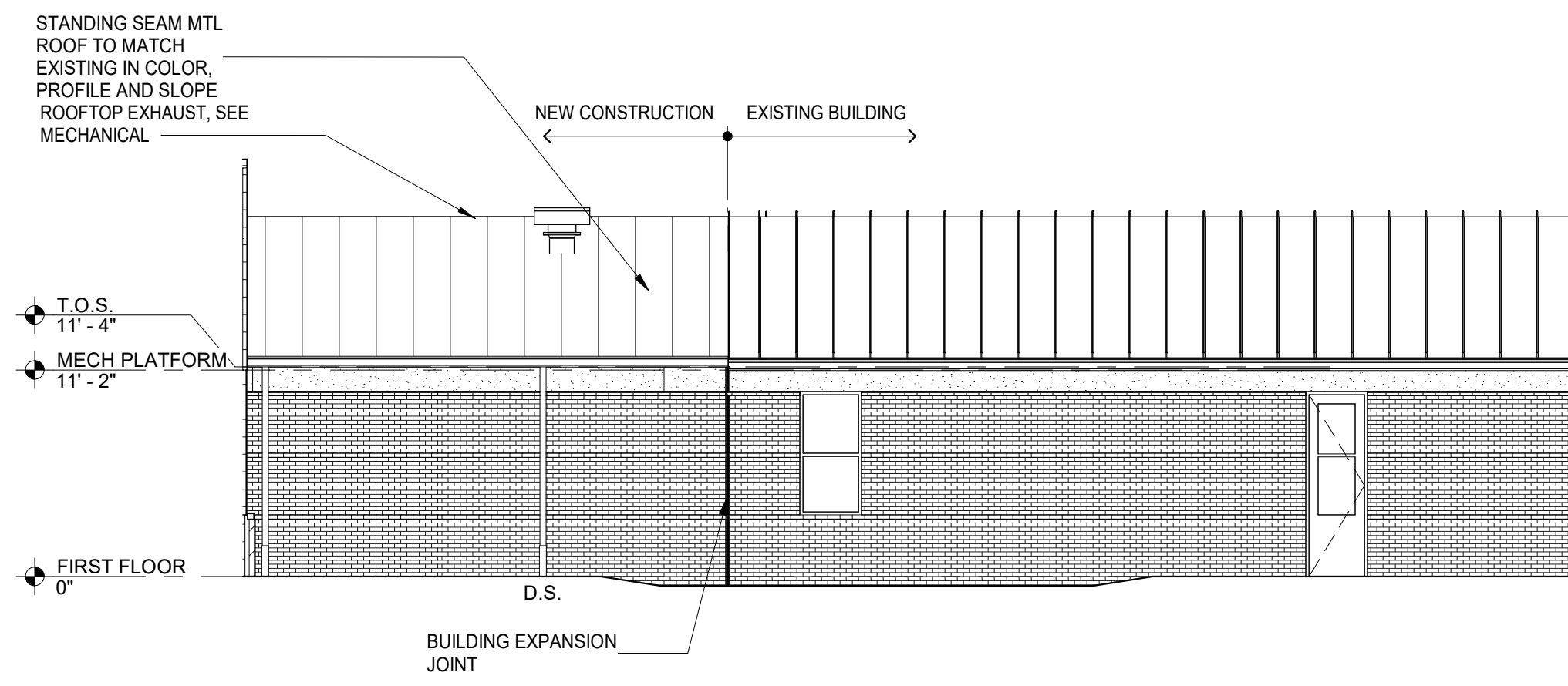
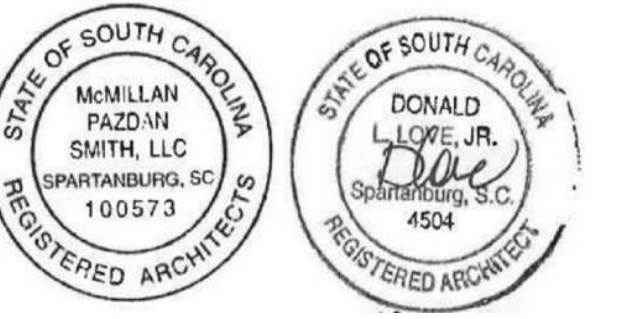
PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

SHEET TITLE:
REFLECTED CEILING PLAN - AREA 'A'

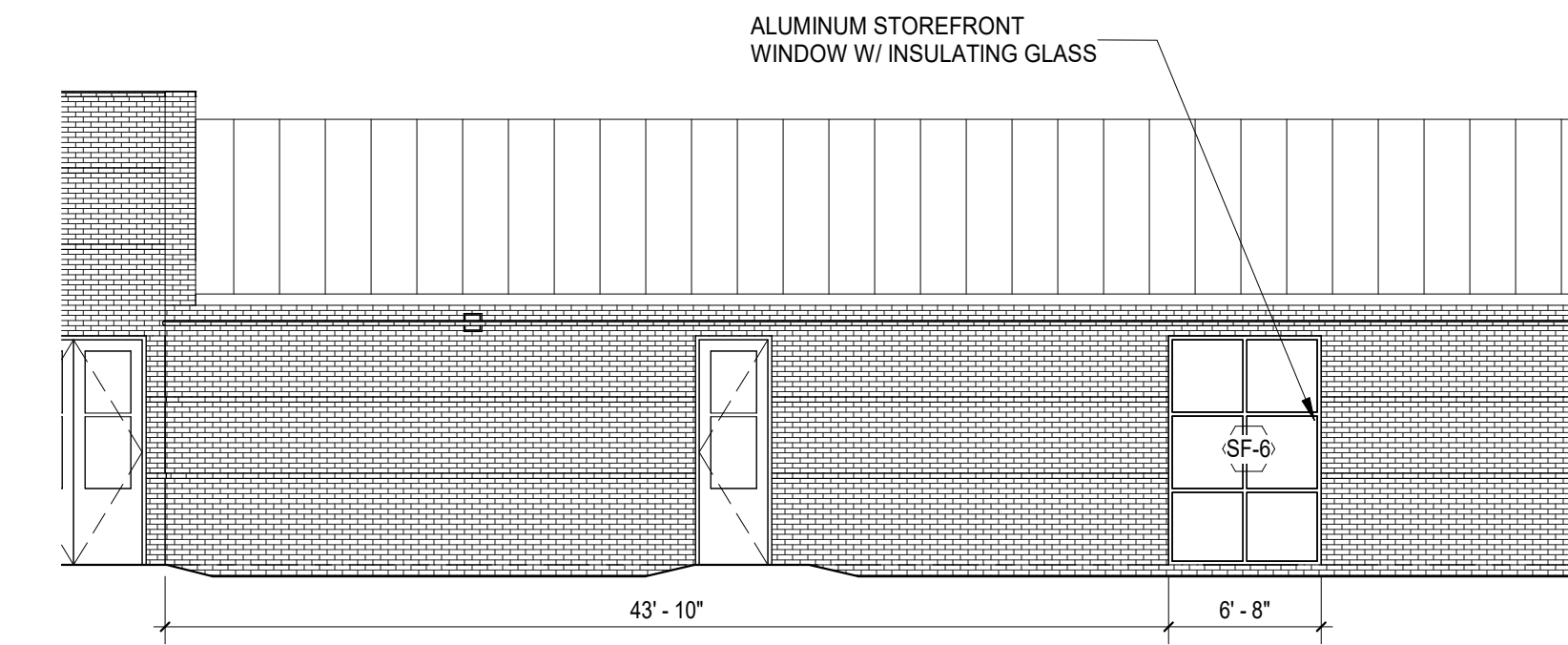
SHEET NO. PROJ. NO. 020063.00

A210

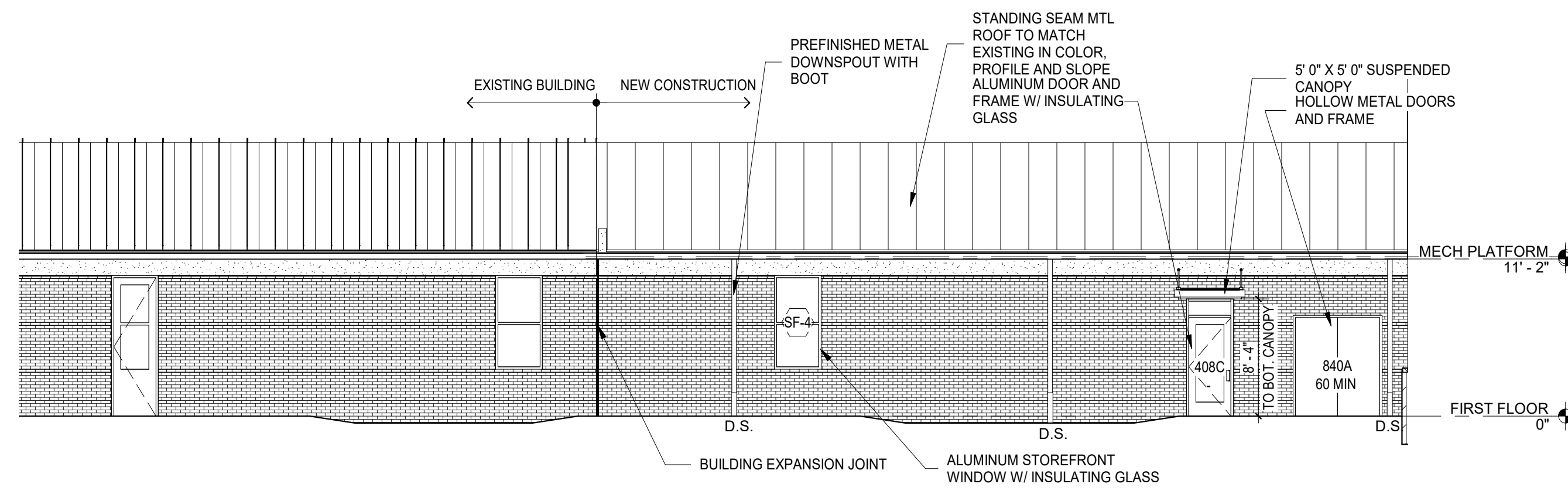
PROJECT NORTH



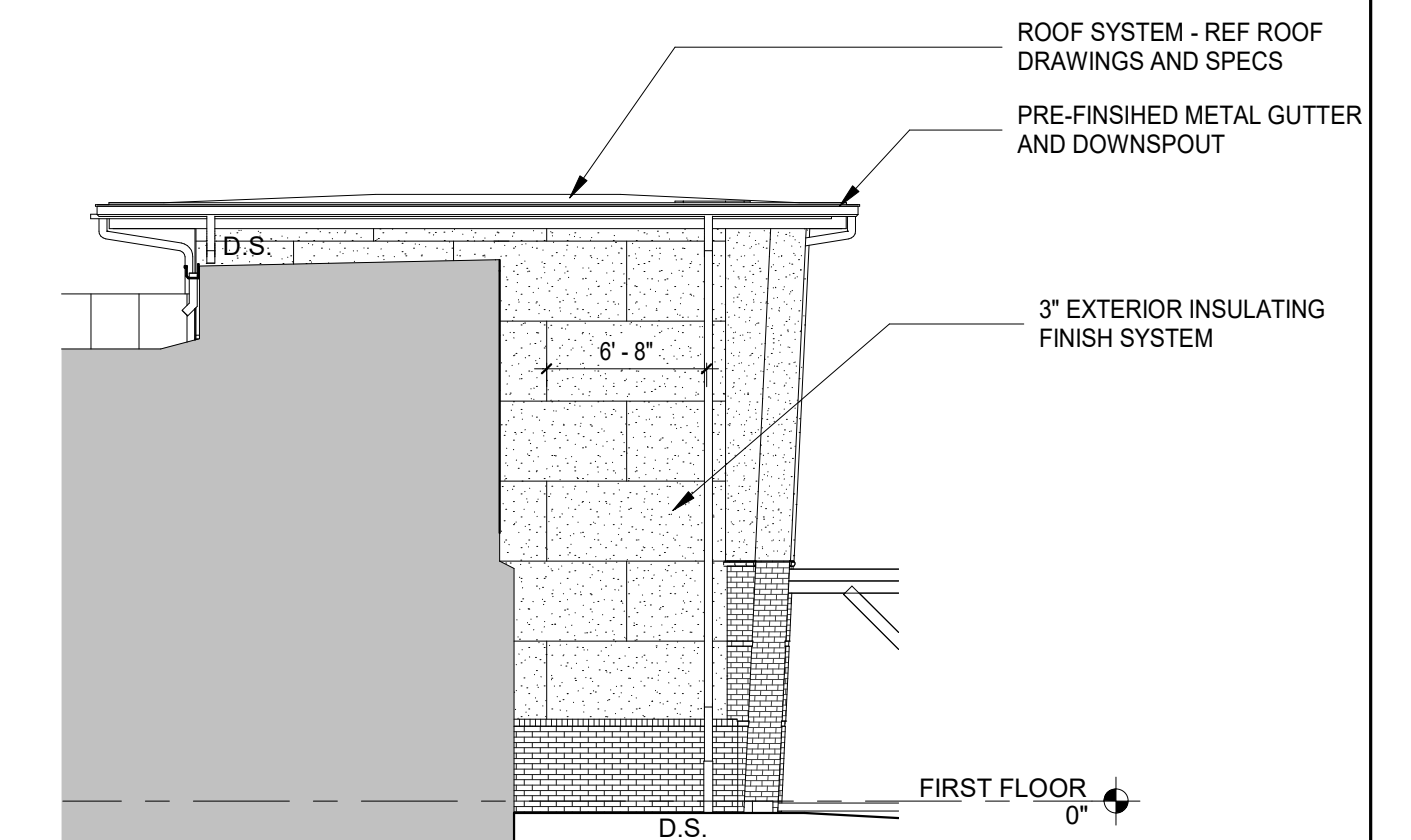
D1
A301
1/8" = 1'-0"



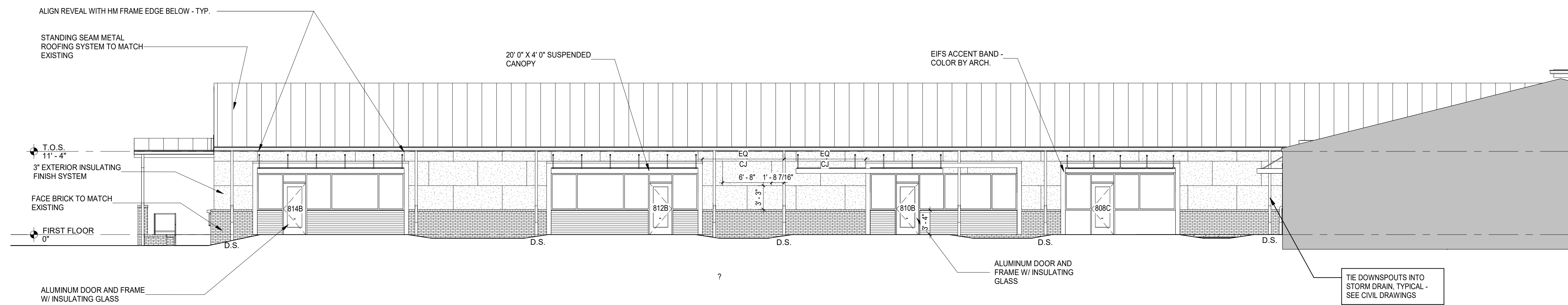
D5
A301
1/8" = 1'-0"



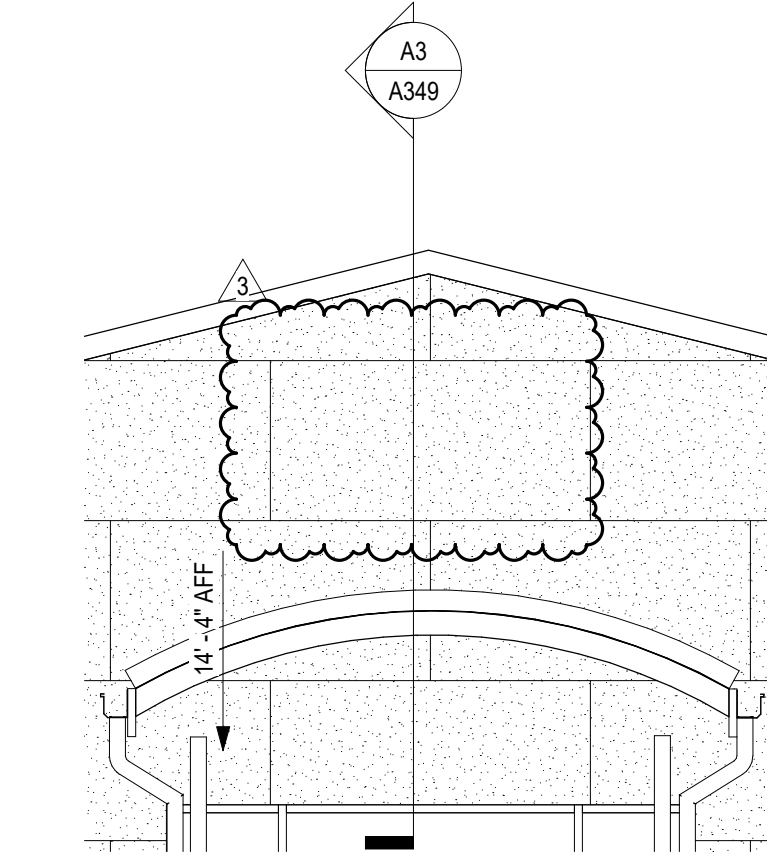
C1
A301
1/8" = 1'-0"



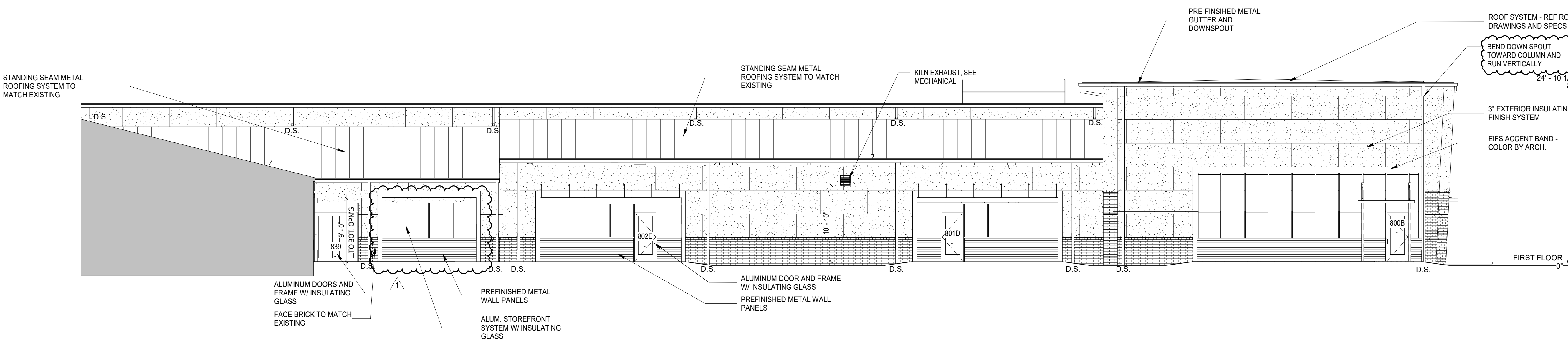
C5
A301
1/8" = 1'-0"



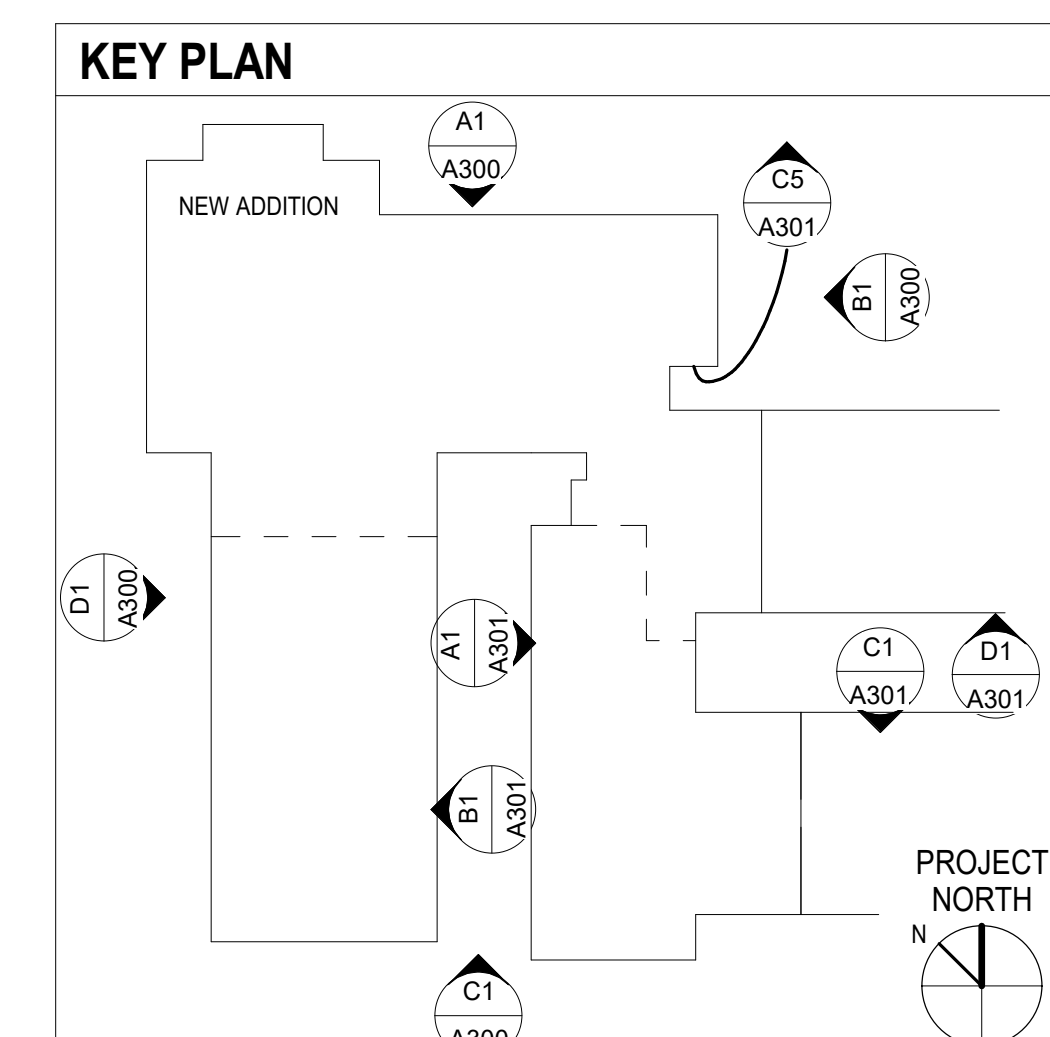
B1
A301
1/8" = 1'-0"



B5
A301
1/4" = 1'-0"



A1
A301
1/8" = 1'-0"



SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL
125 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: DLL
PROJECT ARCHITECT: DLL
DRAWN BY: JMO, JSW, D.C.

SHEET TITLE:
BUILDING ELEVATIONS

SHEET NO. PROJ. NO.
A301 020063.00

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE IS STRICTLY PROHIBITED. THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. ALL RIGHTS RESERVED.

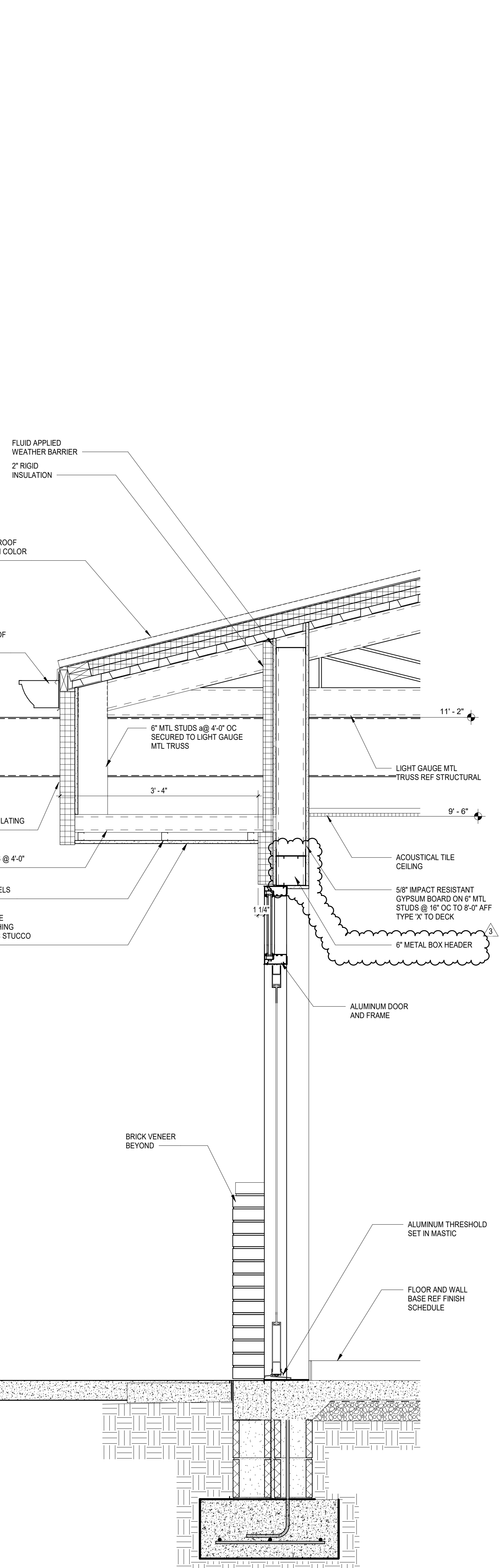
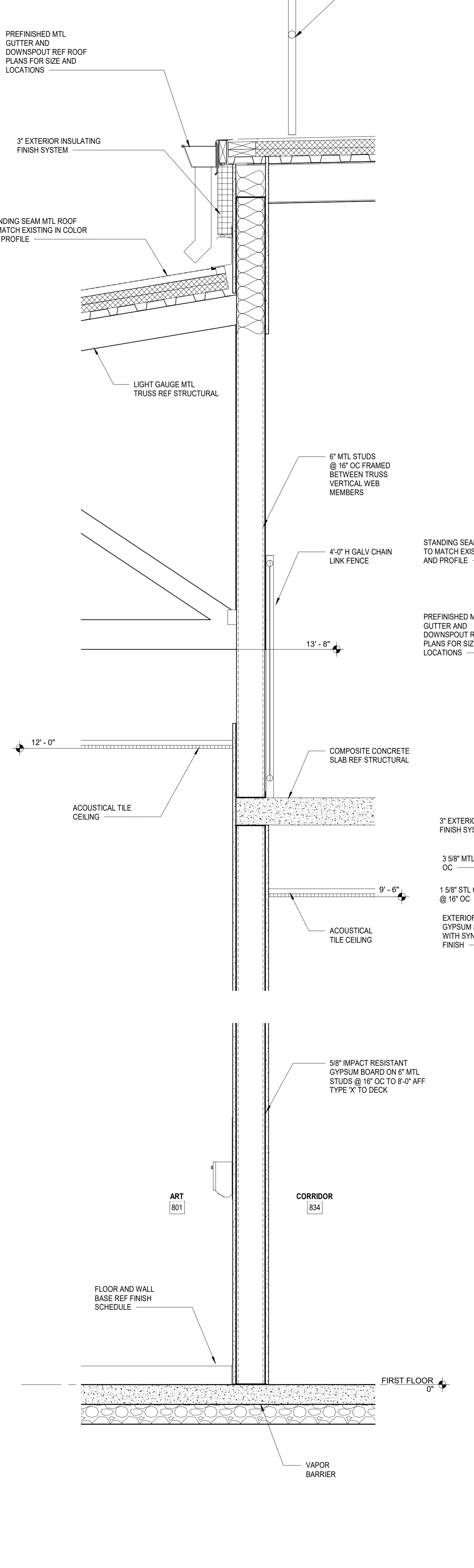
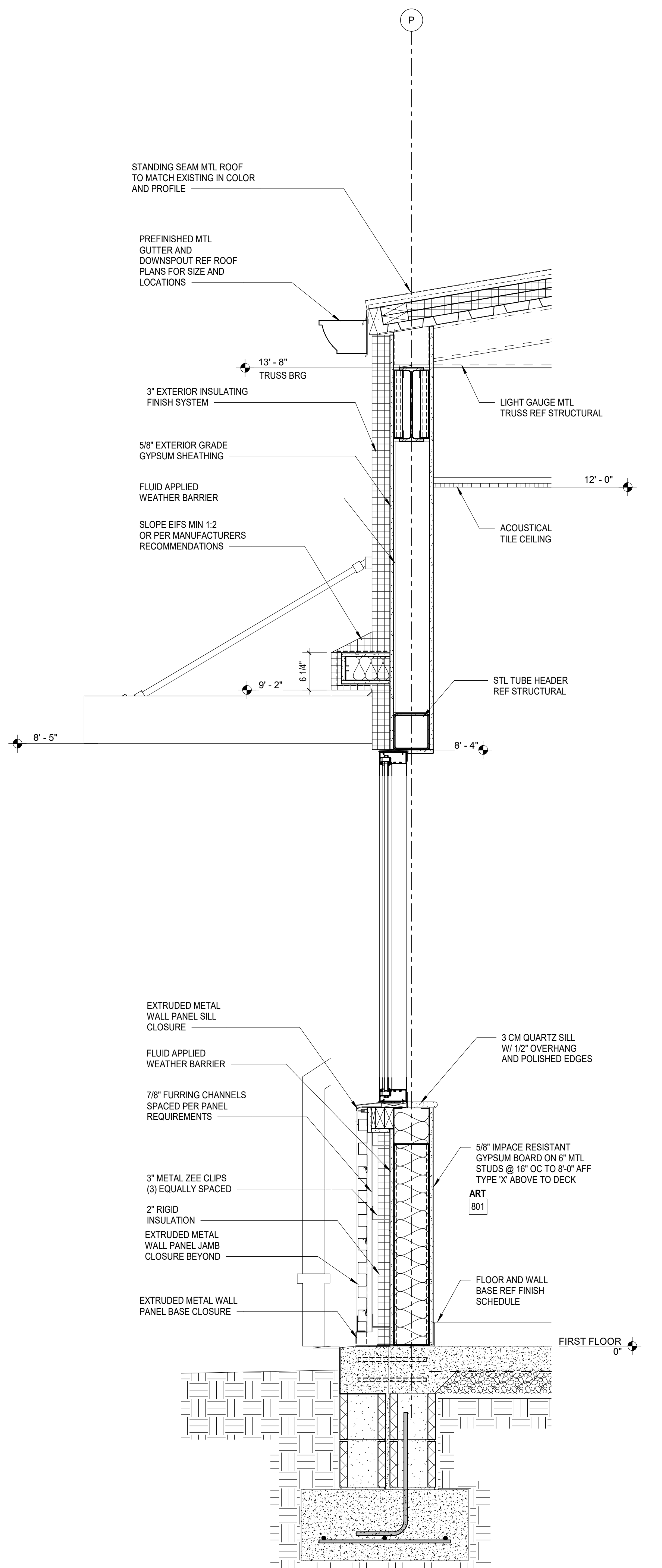
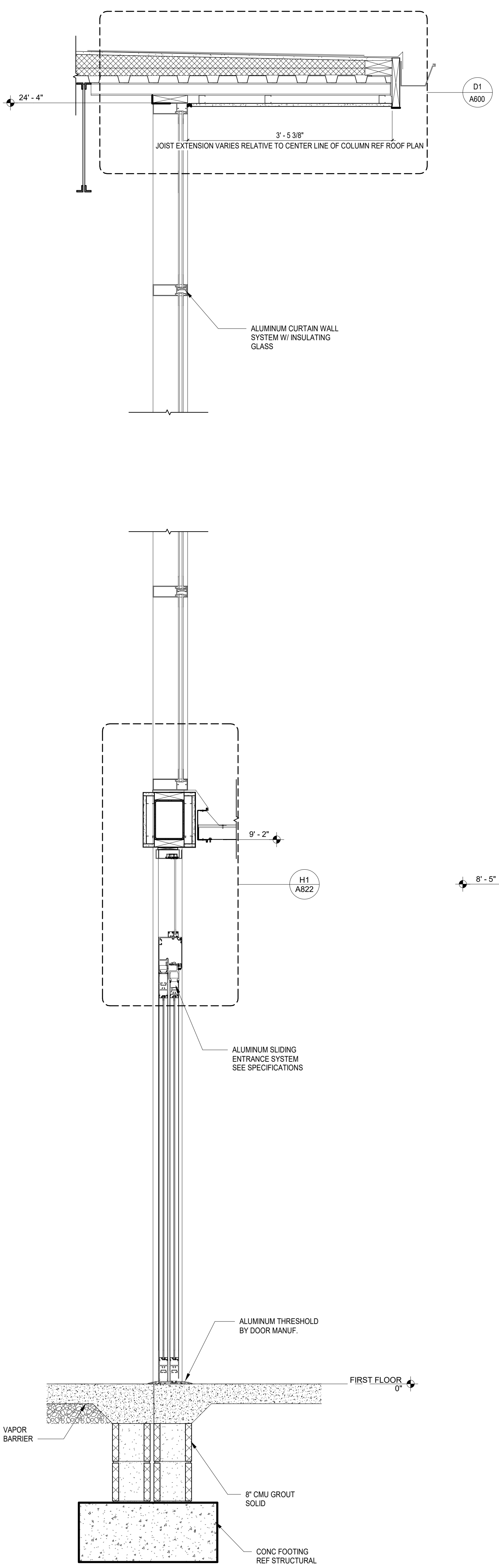
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS	04/19/2021
PRINCIPAL IN CHARGE:	DLL
PROJECT ARCHITECT:	DLL
DRAWN BY:	JMO, JSW, DDC

SHEET TITLE:
WALL SECTIONS

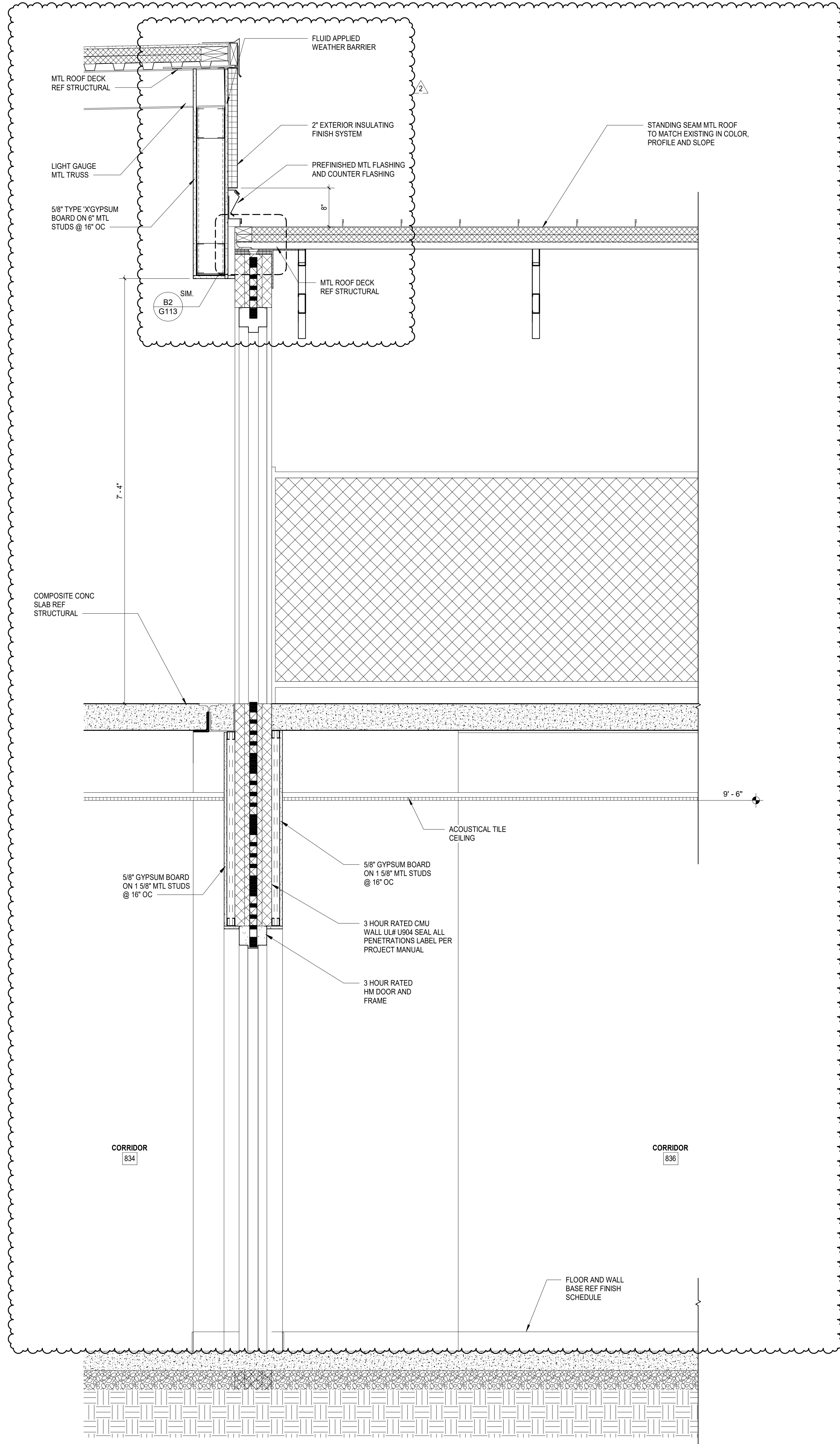
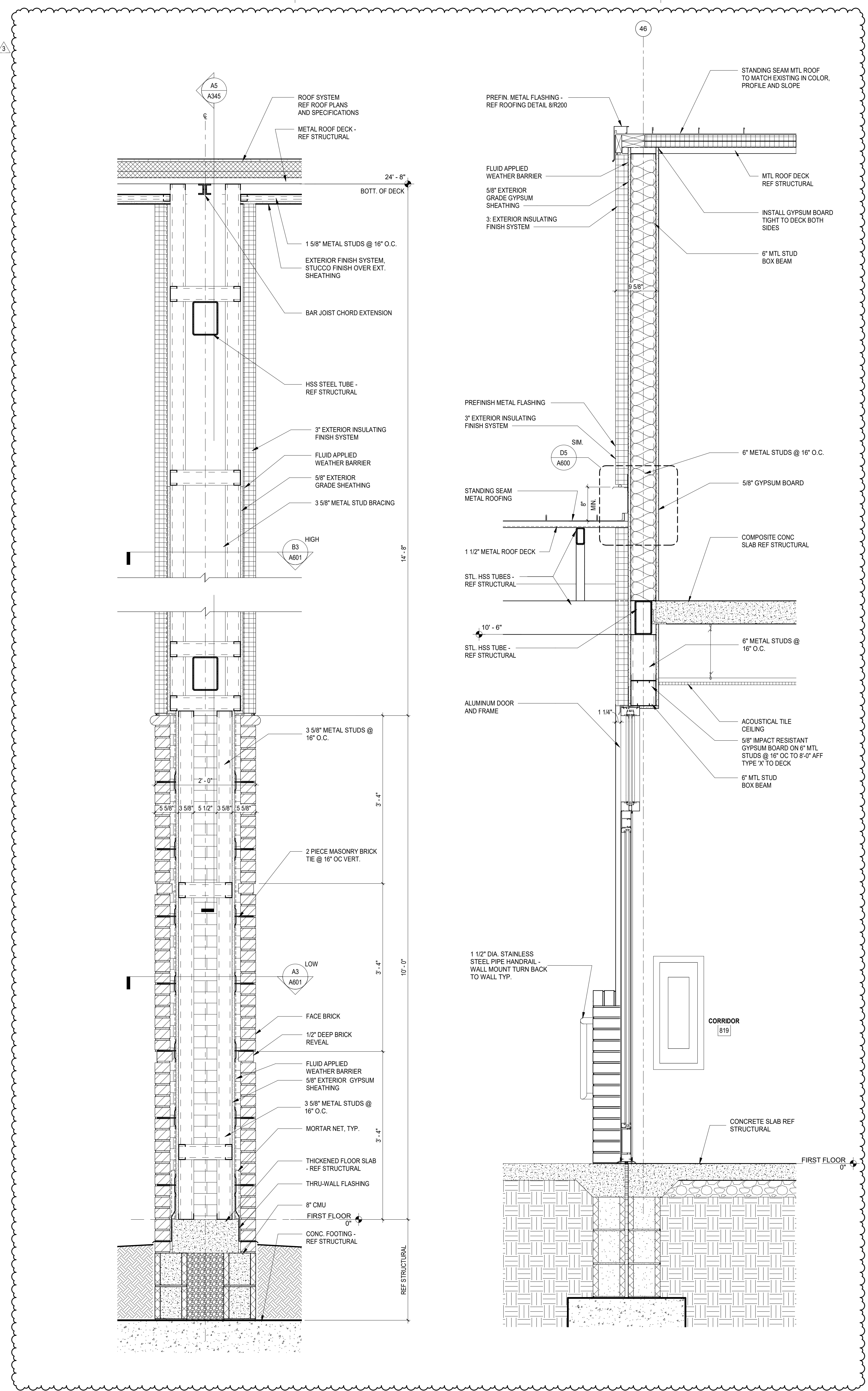
SHEET NO.	PROJ. NO.
A347	020063.00

A347



ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND ANY REUSE OR REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF MCMILLAN PAZDAN SMITH ARCHITECTURE IS STRICTLY PROHIBITED. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE APPROPRIATE AGENCIES. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE APPROPRIATE AGENCIES. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY INFORMATION FROM THE APPROPRIATE AGENCIES.

ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MC MILLAN PAZDAN SMITH ARCHITECTURE ARE THE PROPERTY OF MC MILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. NO PART OF THESE DRAWINGS IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MC MILLAN PAZDAN SMITH ARCHITECTURE.



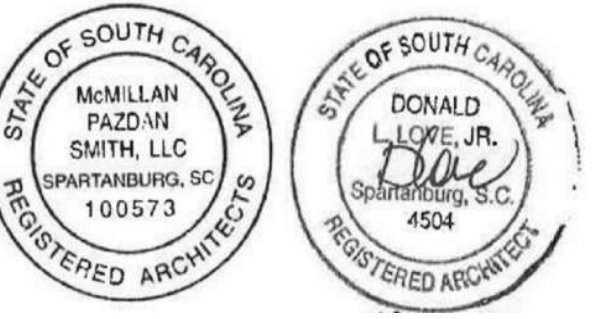
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

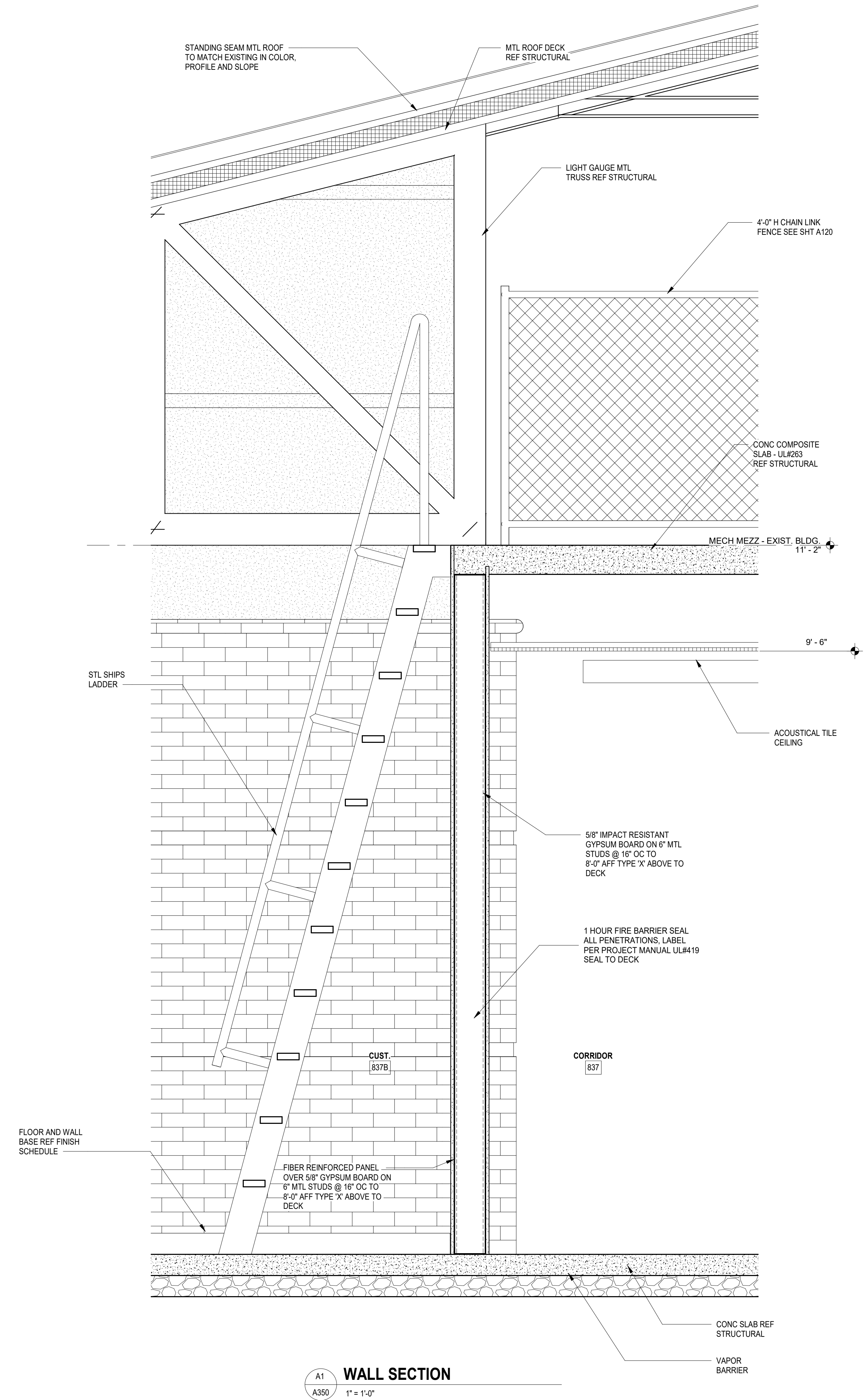
SHEET TITLE:
WALL SECTIONS

SHEET NO. PROJ. NO.
 020063.00



SPARTANBURG SCHOOL DISTRICT 7
**ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL**
175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

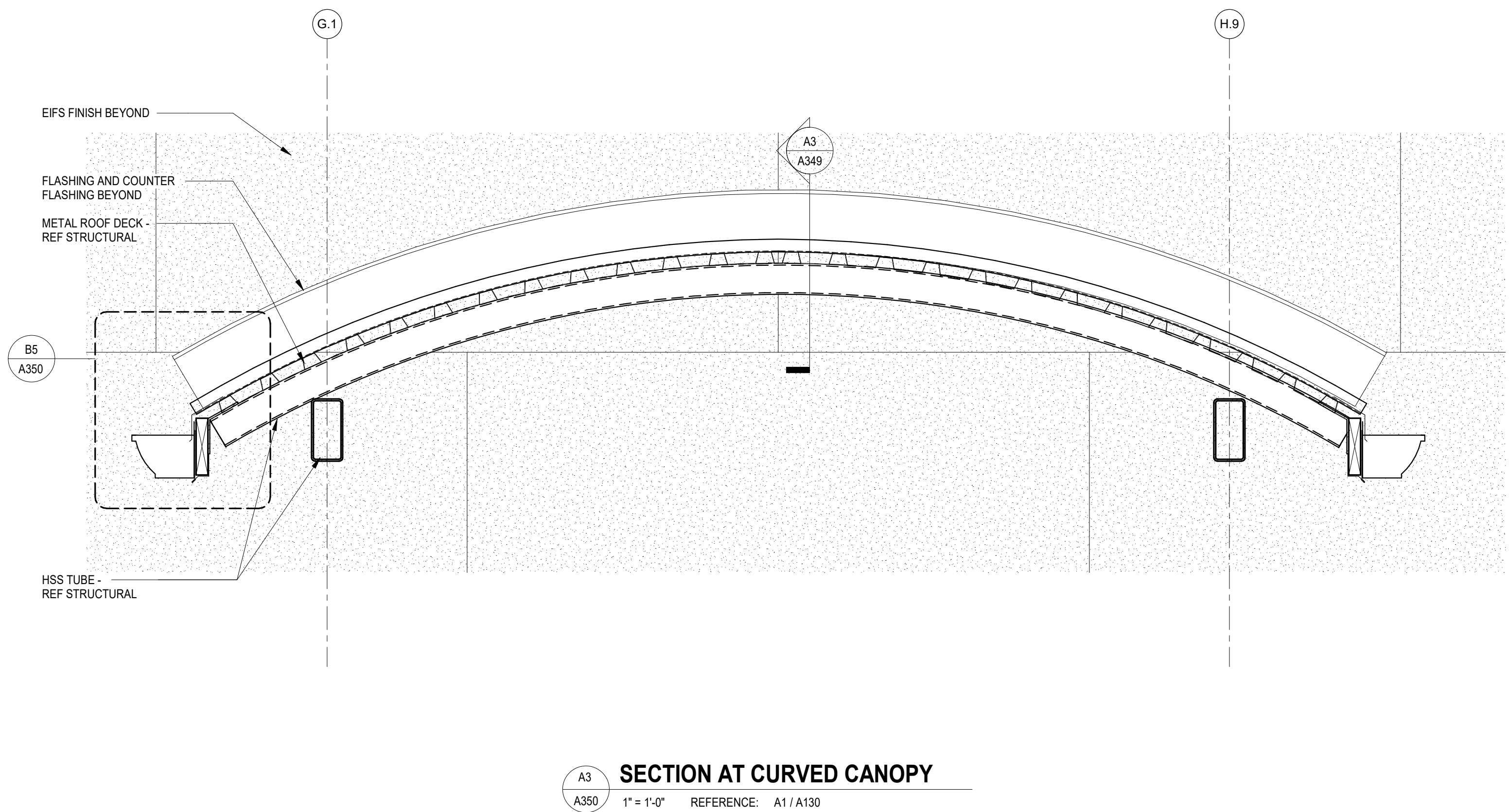
ALL DRAWINGS, SPECIFICATIONS AND COPIES OF THESE DRAWINGS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



A1 WALL SECTION
1" = 1'-0"



B5 EDGE OF CANOPY DETAIL
1 1/2" = 1'-0"



A3 SECTION AT CURVED CANOPY
1" = 1'-0" REFERENCE: A1/A130

SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS		04/19/2021
PRINCIPAL IN CHARGE:	DLL	
PROJECT ARCHITECT:	DLL	
DRAWN BY:	JMO, JSW, DLC	

SHEET TITLE:
WALL SECTIONS

SHEET NO.	PROJ. NO.
A350	020063.00

A350



SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

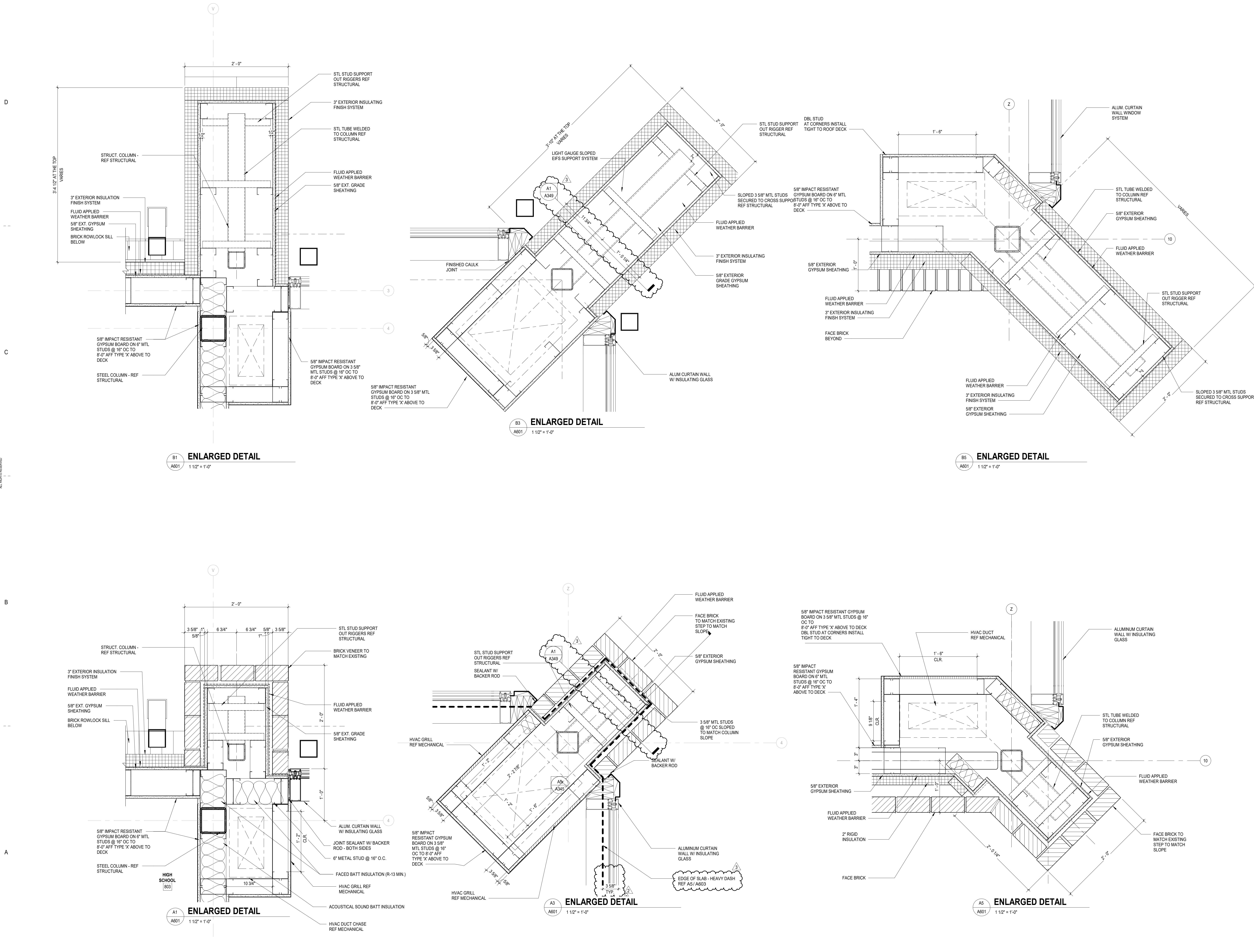
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

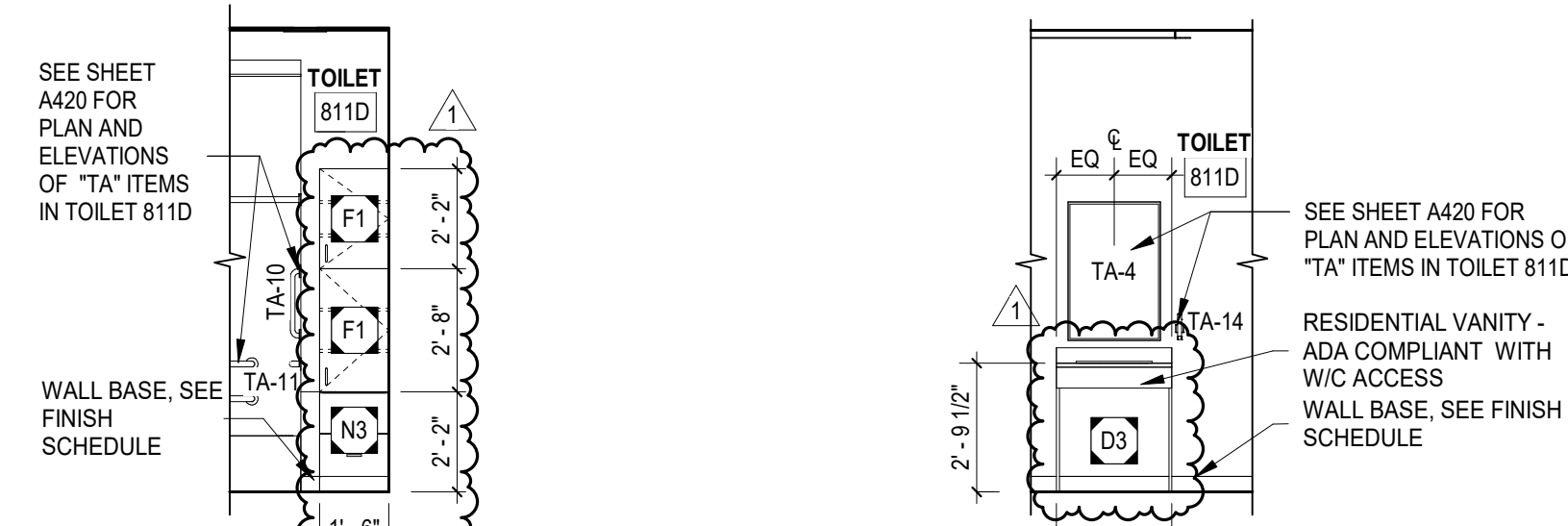
SHEET TITLE:
ENLARGED DETAILS

SHEET NO. **A601** PROJ. NO. 020063.00

ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IS STRICTLY PROHIBITED. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY DAMAGE OR LOSS OF PROFITS, BUSINESS, OR REVENUE, OR FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING ATTORNEY'S FEES, ARISING FROM OR OUT OF THE USE OF THESE DRAWINGS. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

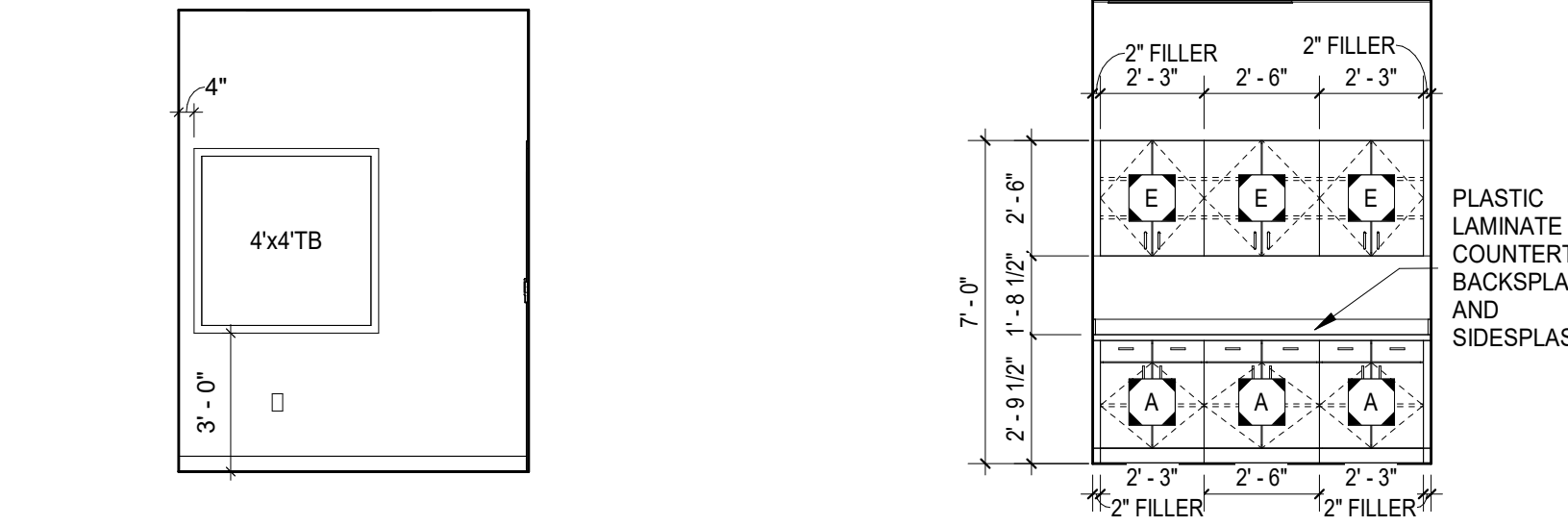


A601



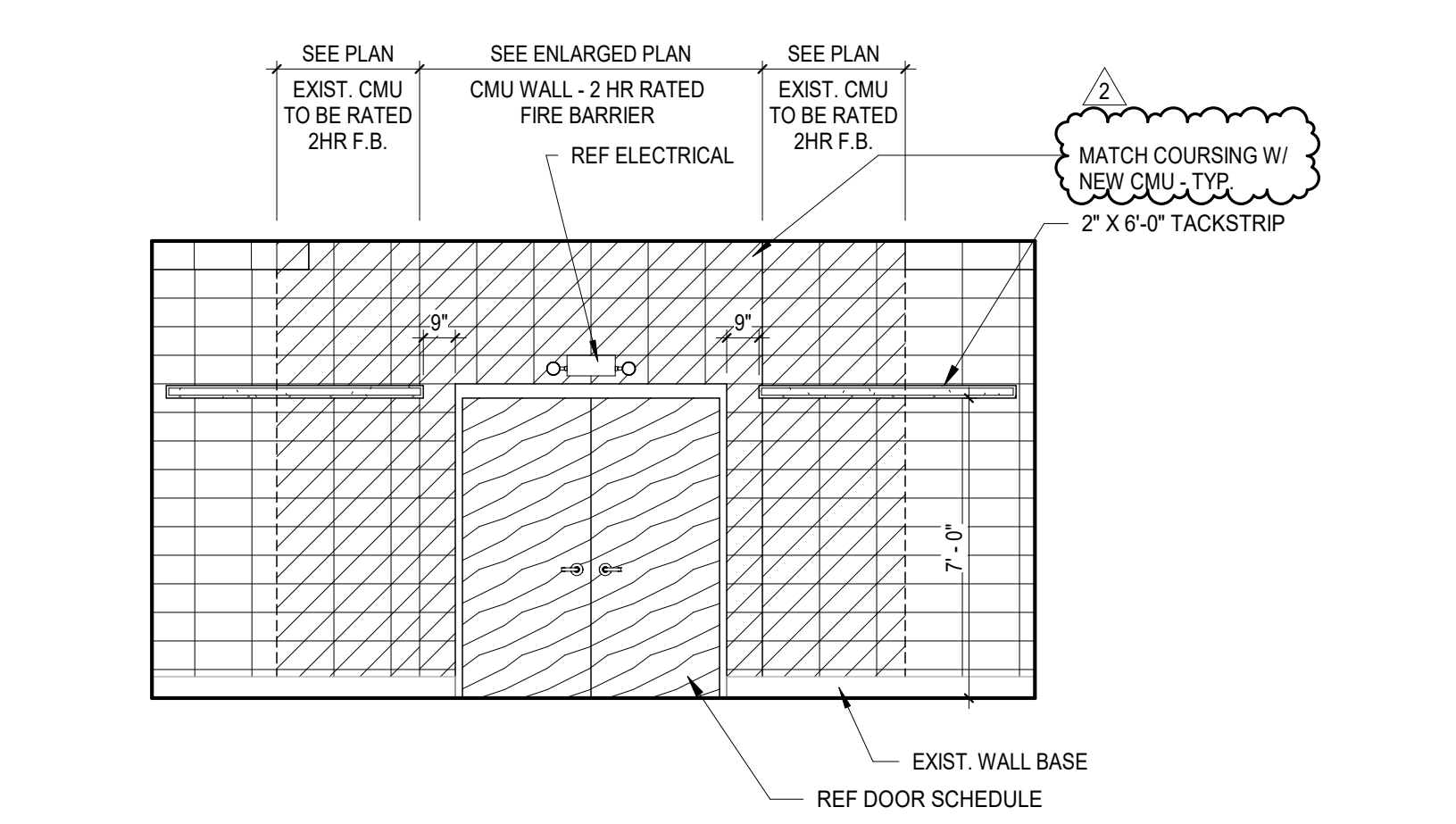
E1 TOILET 811D - INT ELEV B
A703 1/4" = 1'-0"

E2 TOILET 811D - INT ELEV C
A703 1/4" = 1'-0"

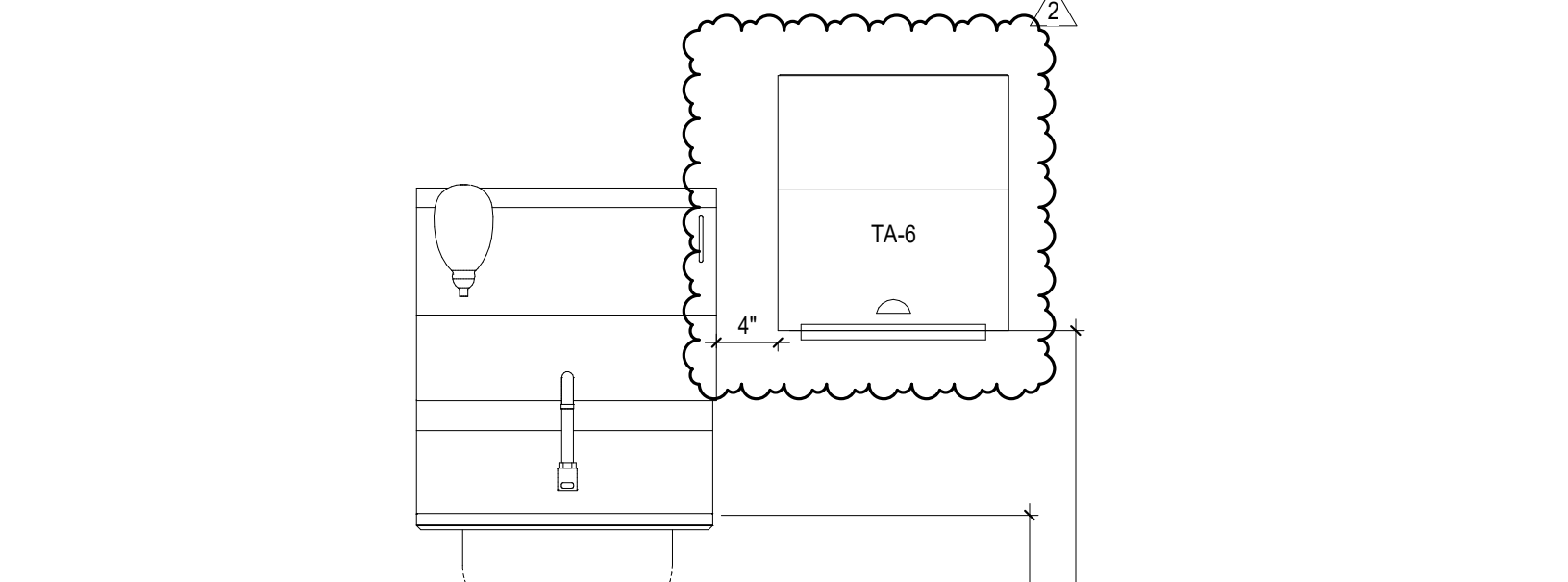


D1 FOOD PREP 809 INT ELEV
A703 1/4" = 1'-0"

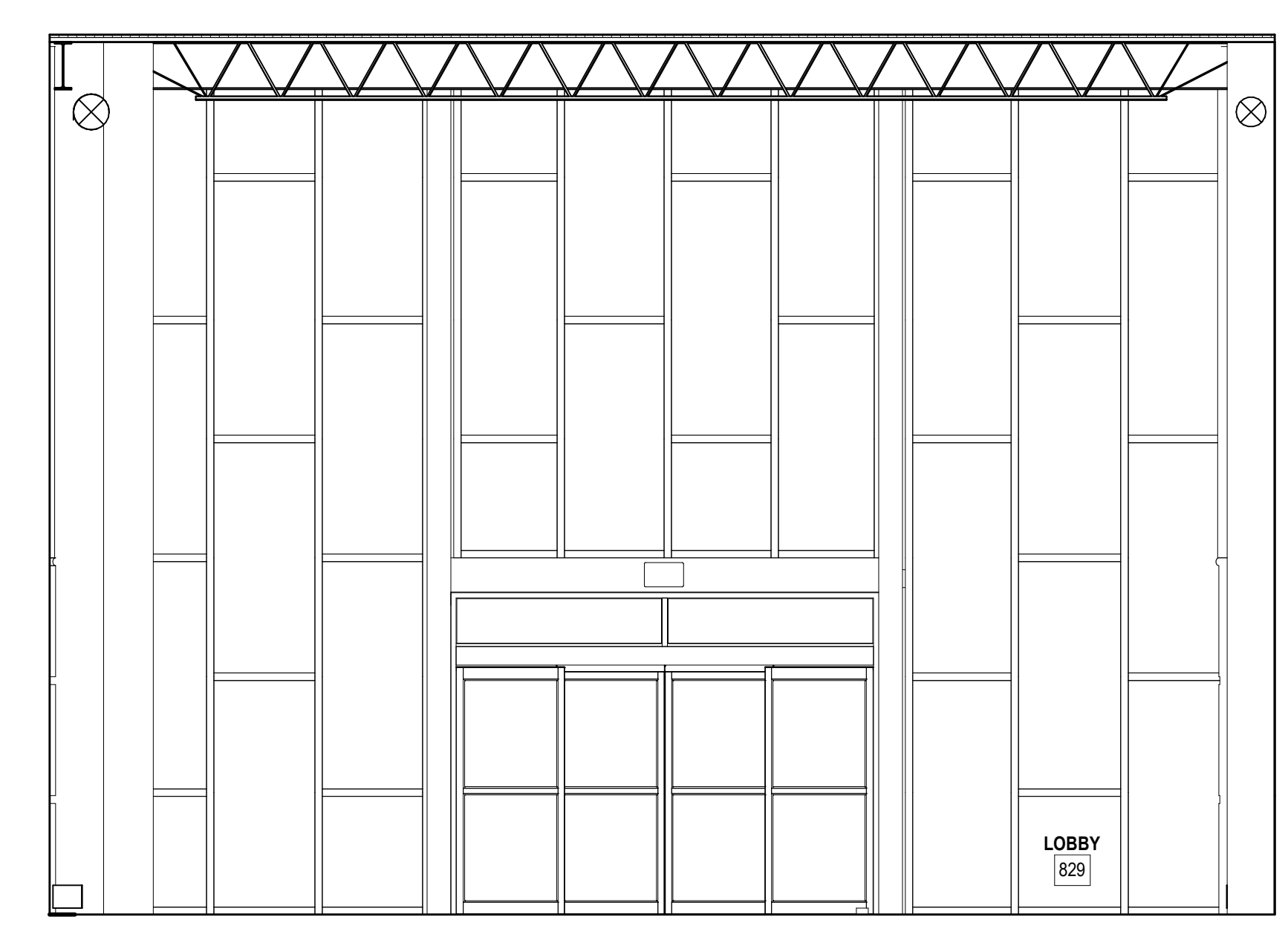
D2 STORAGE E309 - INT ELEV
A703 1/4" = 1'-0"



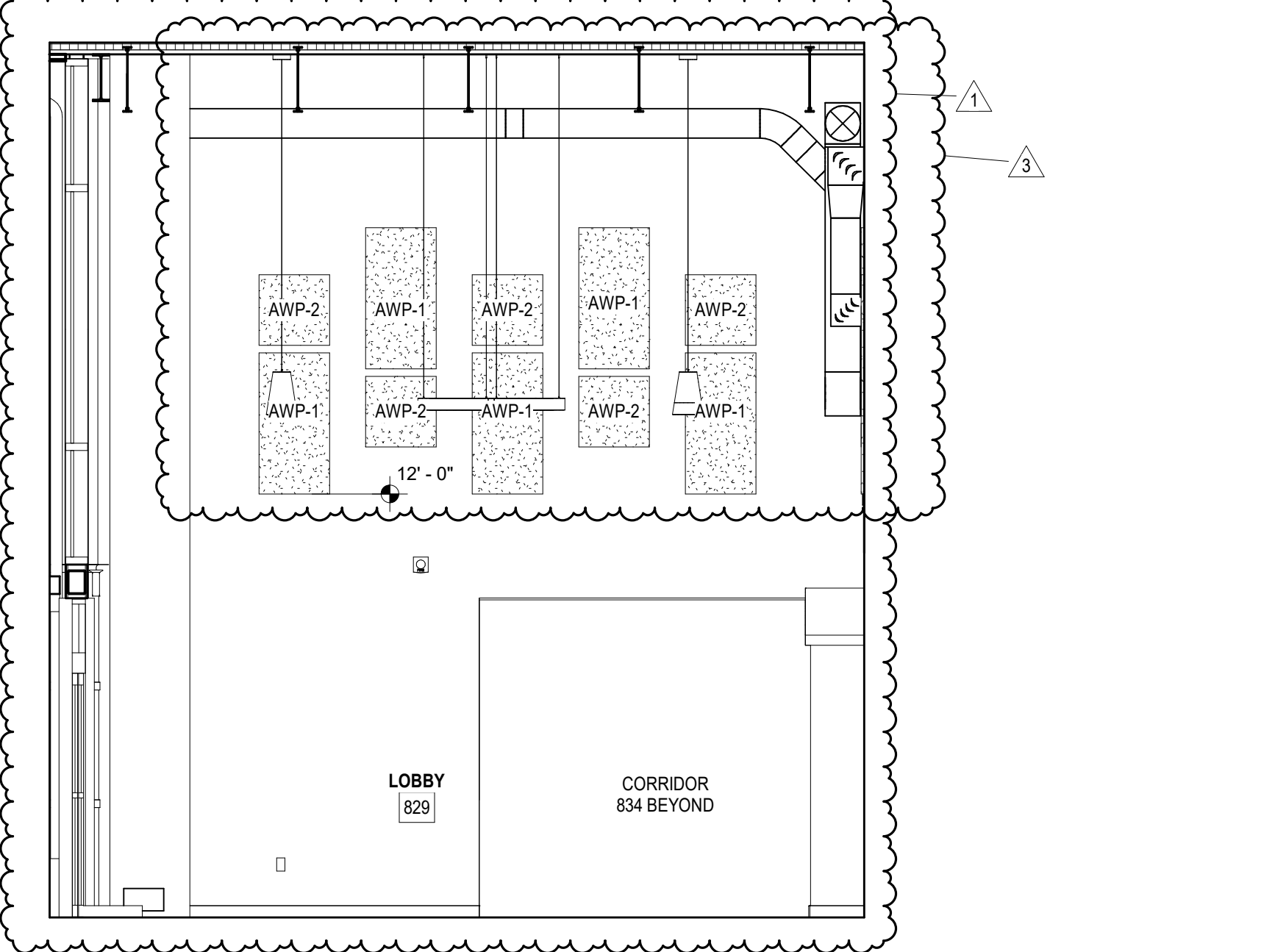
C1 TYP. STORAGE ROOM / CLASSROOM WALL
A703 1/4" = 1'-0"



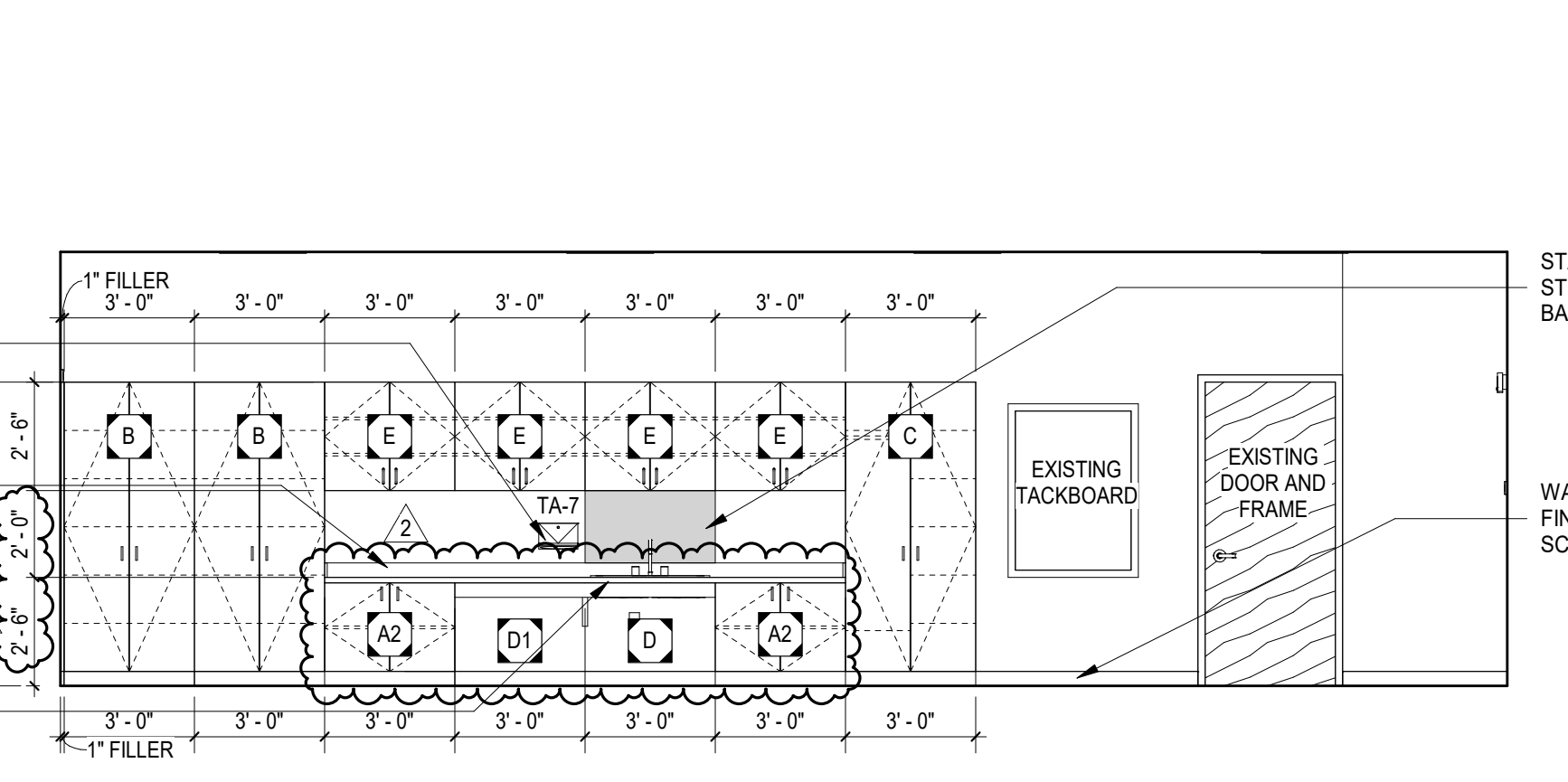
B1 TYP. HAND SINK ELEVATION
A703 1" = 1'-0"



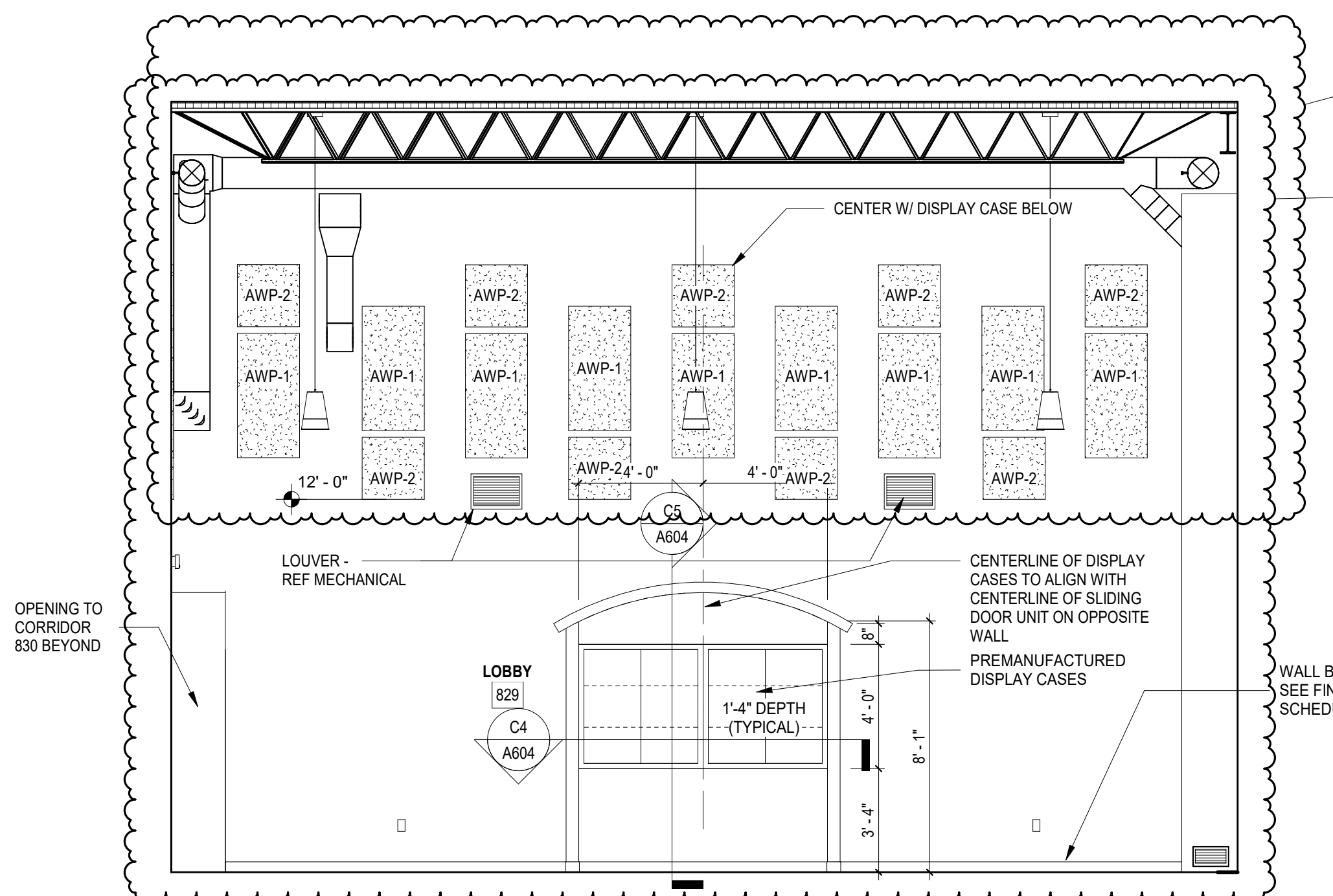
C2A LOBBY 829 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



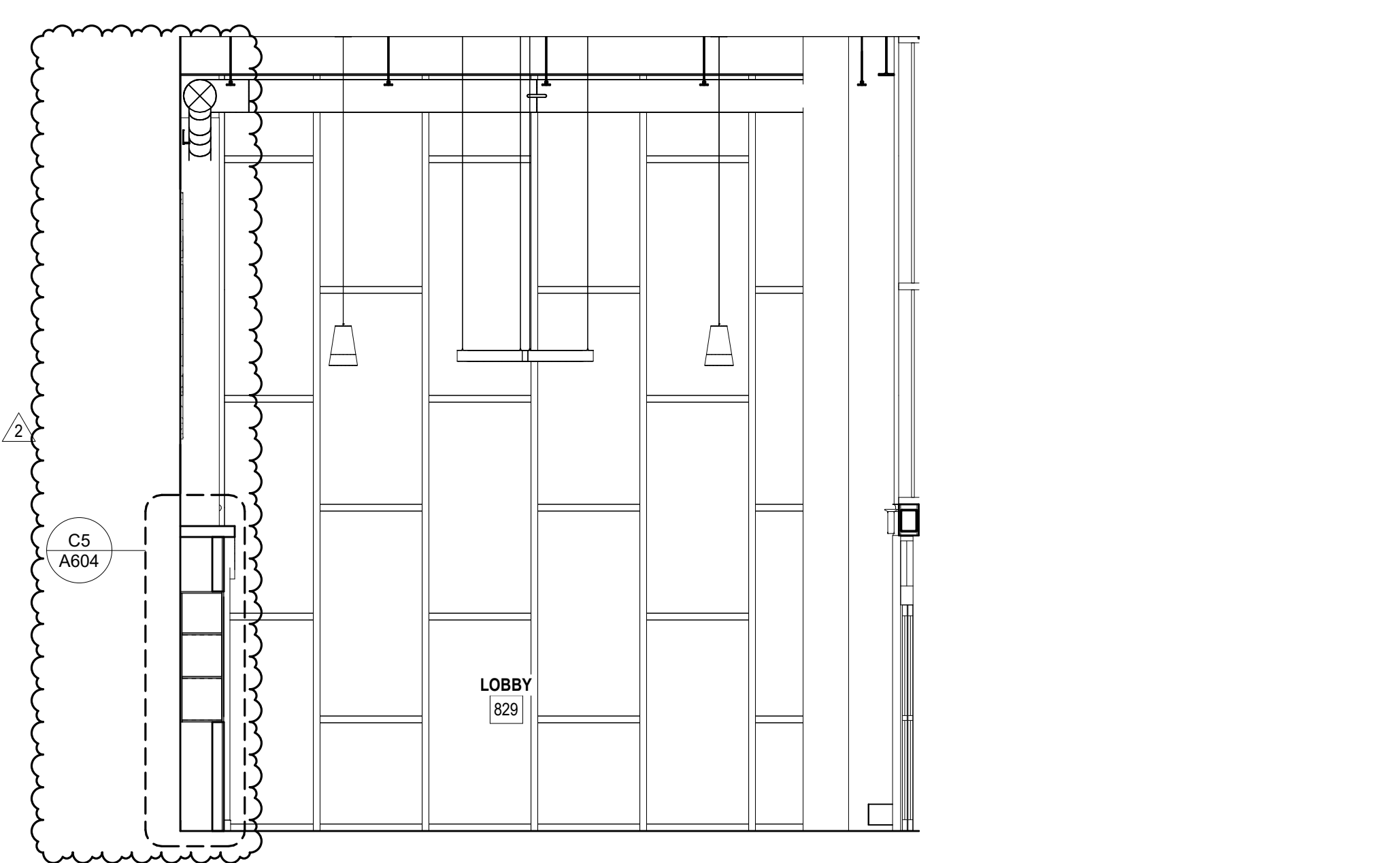
C2B LOBBY 829 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



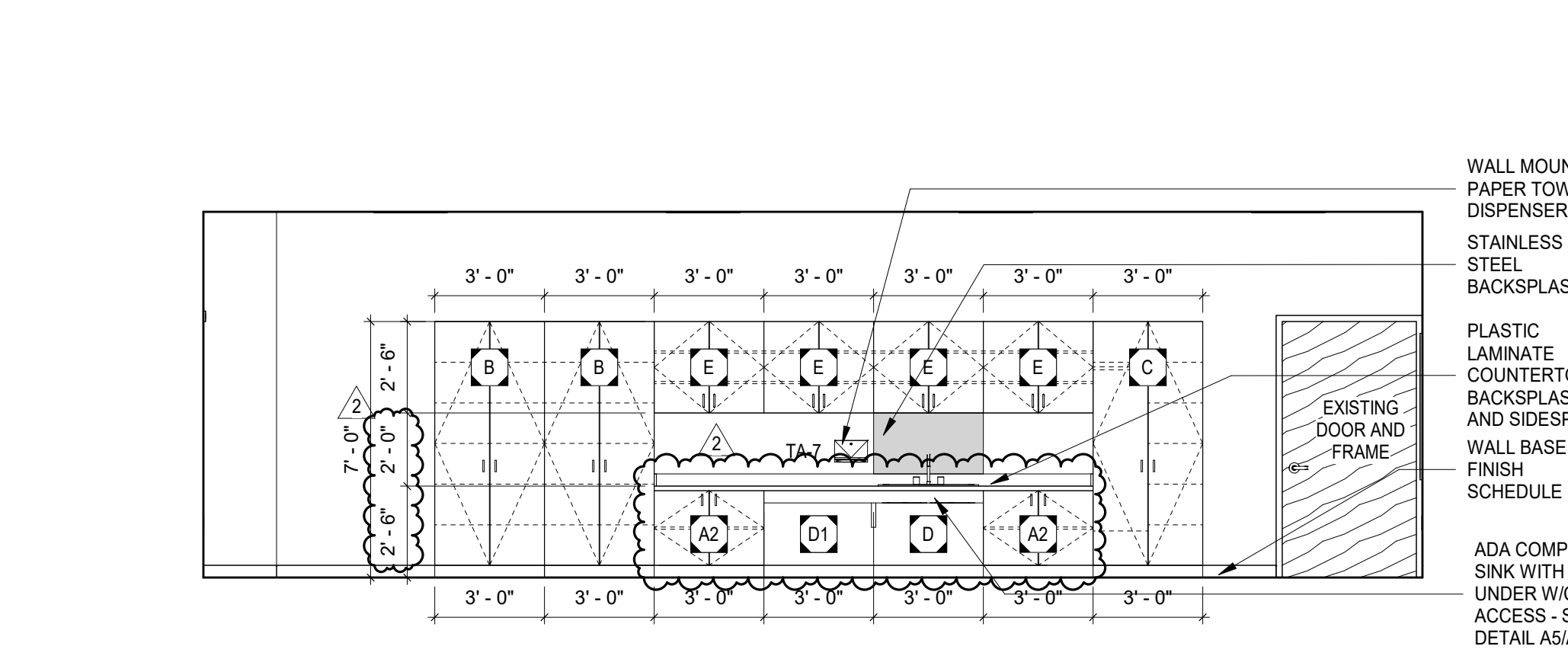
B2 EARLY CHILDHOOD CLASSROOM E250 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



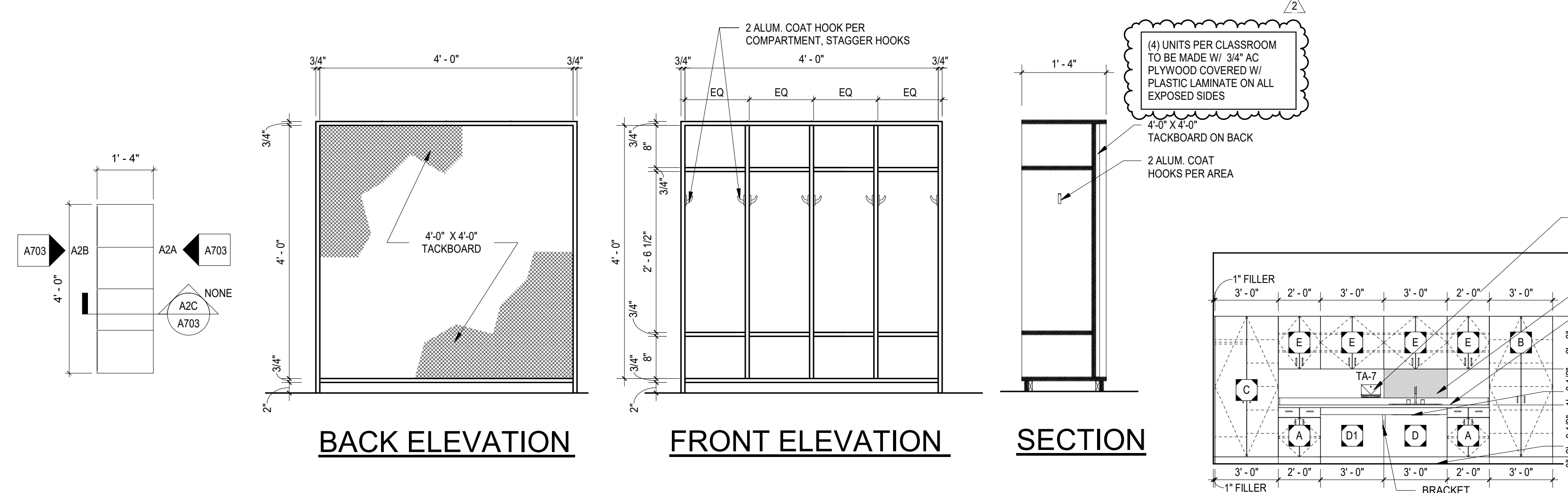
C4A LOBBY 829 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



C4B LOBBY 829 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



A4A EARLY CHILDHOOD CLASSROOM E215 - INTERIOR ELEVATION
A703 1/4" = 1'-0"



A1 CUBBY PLAN A703 1/2" = 1'-0"

A2A CUBBY BACK ELEVATION A703 3/4" = 1'-0"

A2B CUBBY FRONT ELEVATION A703 3/4" = 1'-0"

A2C CUBBY SECTION A703 3/4" = 1'-0"

A3 CLASSROOM 410 - INTERIOR ELEVATION A703 1/4" = 1'-0"

CASEWORK SCHEDULE	
A	BASE CABINET W/ TWO HINGED DOORS, TWO DRAWERS, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
A1	BASE CABINET W/ TWO HINGED DOORS, TWO DRAWERS, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN) WITH FINISHED BACK
A2	BASE CABINET W/ TWO HINGED DOORS, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
B	TALL CABINET W/TWO HINGED DOORS W/ LOCKS, 5 ADJUSTABLE SHELVES; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN) (PROVIDE FILLER AT BACK TO MATCH CABINETS AS REQUIRED)
B1	TALL CABINET W/TWO HINGED DOORS W/ LOCKS, 5 ADJUSTABLE SHELVES; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN) (PROVIDE FILLER AT BACK TO MATCH CABINETS AS REQUIRED)
C	TEACHER WARDROBE CABINET, (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN) (PROVIDE FILLER AT BACK TO MATCH CABINETS AS REQUIRED)
D	BASE SINK CABINET-ADA ACCESSIBLE ROLL UNDER; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
D1	BASE WORKSTATION CABINET-ADA ACCESSIBLE ROLL UNDER WITH FINISHED BACK SIDE; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
D2	BASE WORKSTATION CABINET-ADA ACCESSIBLE ROLL UNDER WITH FINISHED BACK SIDE; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
D3	BASE SINK CABINET-ADA ACCESSIBLE ROLL UNDER; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
E	WALL CABINET W/ TWO HINGED DOORS, TWO ADJUSTABLE SHELVES; (WIDTH SHOWN) x 15"D x (HEIGHT SHOWN)
E1	WALL CABINET W/ TWO HINGED DOORS; (WIDTH SHOWN) x 15"D x (HEIGHT SHOWN)
E2	WALL CABINET W/ TWO HINGED DOORS, TWO ADJUSTABLE SHELVES; (WIDTH SHOWN) x 18"D x (HEIGHT SHOWN)
F	WALL CABINET W/ ONE HINGED DOOR, TWO ADJUSTABLE SHELVES; (WIDTH SHOWN) x 15"D x (HEIGHT SHOWN)
F1	WALL CABINET W/ ONE HINGED DOOR, TWO ADJUSTABLE SHELVES; (WIDTH SHOWN) x 15"D x (HEIGHT SHOWN)
G	TALL CABINET 1 FIXED SHELF AND 4 ADJUSTABLE SHELVES; (WIDTH SHOWN) x 18"D x (HEIGHT SHOWN)
G1	TALL CABINET 1 FIXED SHELF AND 4 ADJUSTABLE SHELVES; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
H	WALL CABINET BLIND CORNER W/ ONE HINGED DOOR, TWO ADJUSTABLE SHELVES; (WIDTH SHOWN) x 15"D x (HEIGHT SHOWN)
J	BASE CABINET BLIND CORNER W/ ONE HINGED DOOR, ONE DRAWER, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
K	BASE CABINET W/ ONE HINGED DOOR, ONE DRAWER, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
K1	BASE CABINET W/ ONE HINGED DOOR, ONE DRAWER, ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 30"D x (HEIGHT SHOWN)
L	BASE CABINET W/ SEVEN DRAWERS; (WIDTH SHOWN) x 30"D x (HEIGHT SHOWN)
M	WALL CABINET W/ ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 18"D x (HEIGHT SHOWN)
M1	WALL CABINET W/ ONE ADJUSTABLE SHELF; (WIDTH SHOWN) x 18"D x (HEIGHT SHOWN)
N	BASE CABINET W/ THREE DRAWERS; (WIDTH SHOWN) x 30"D x (HEIGHT SHOWN)
N1	BASE CABINET W/ THREE DRAWERS; (WIDTH SHOWN) x 24"D x (HEIGHT SHOWN)
N3	BASE CABINET W/ TWO DRAWERS; (WIDTH SHOWN) x 17"D x (HEIGHT SHOWN)
Q	(WIDTH SHOWN ON ELEVATIONS) x 18"D x (HEIGHT SHOWN ON ELEVATIONS) BOOK SHELF WITH ONE OR TWO ADJUSTABLE SHELVES, BACK INCLUDED

NOTES:
1. FOR APPLIANCES, SEE ALLOWANCES IN PROJECT MANUAL.

mcmillan pazdan smith ARCHITECTURE

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS

SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021

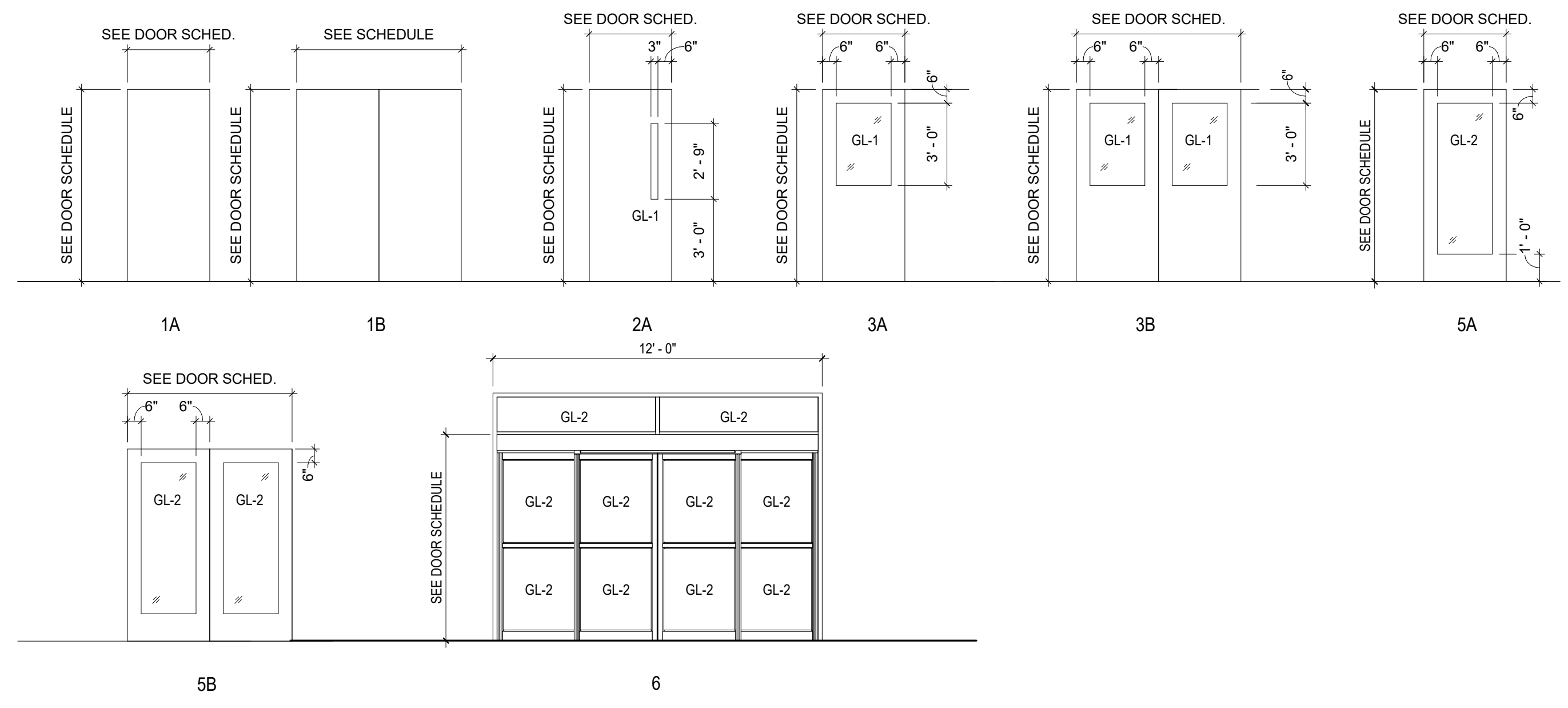
PRINCIPAL IN CHARGE: JMO, JSW, DDC

PROJECT ARCHITECT: JMO, JSW, DDC

DRAWN BY: JMO, JSW, DDC

SHEET TITLE: INTERIOR ELEVATIONS

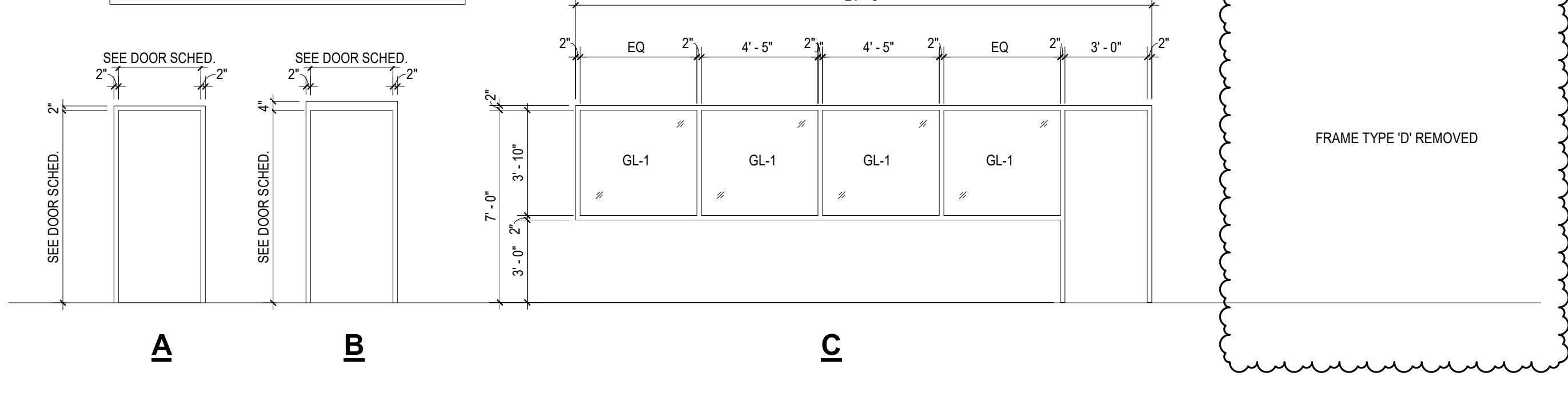
SHEET NO. PROJ. NO. 020603.00



DOOR TYPES

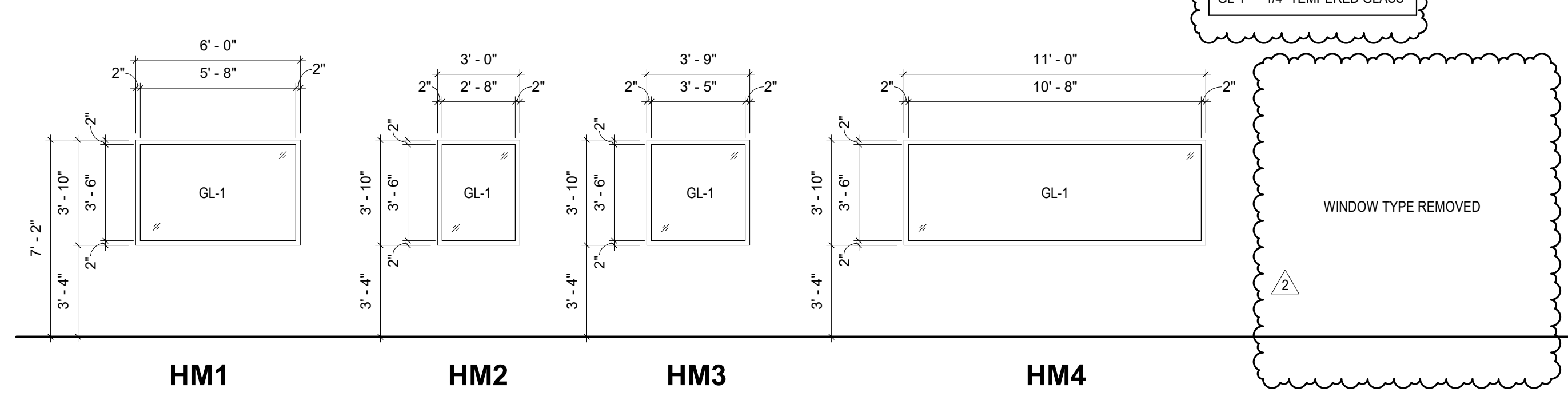
1/4" = 1'-0"

ADDITIONAL FRAME TYPES FOR STOREFRONT AND CURTAINWALL WITH DOORS SHOWN ON SHEET A820.



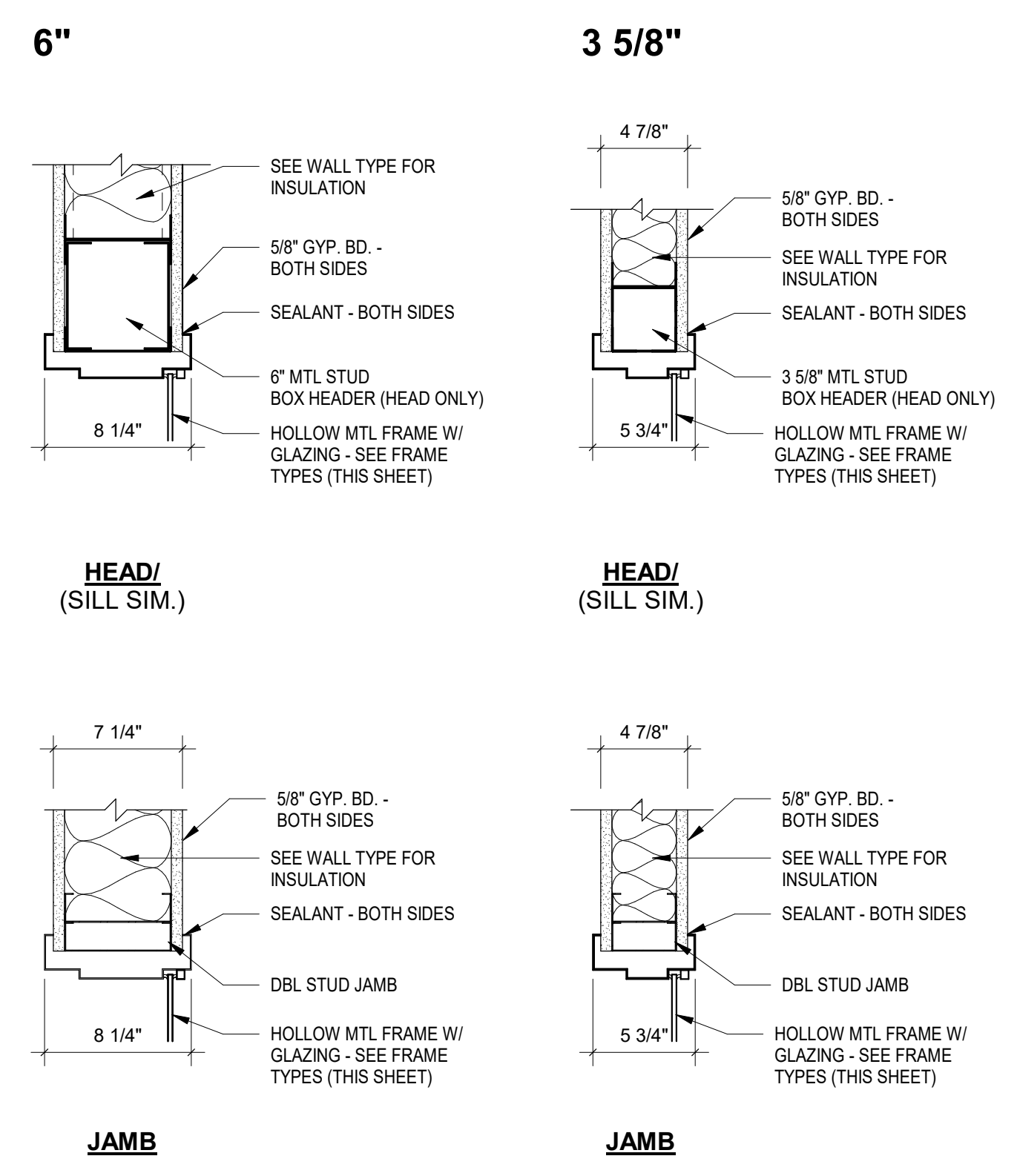
HOLLOW METAL WINDOW TYPES

1/4" = 1'-0"



HOLLOW METAL WINDOW FRAMES

1/4" = 1'-0"



TYP. HOLLOW METAL WINDOW DETAILS

1 1/2" = 1'-0"

DOOR SCHEDULE - NEW ADDITION

DOOR NO.	DOOR			FRAME		DETAILS				REMARKS		
	WIDTH	HEIGHT	THK.	TYPE	RATING	MAT'L	TYPE	MAT'L	HEAD		JAMB	SILL
408	3'-0"	7'-0"	1 3/4"	2A	20 MIN	WD	A	HM	H1	J1	-	
408A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
408B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
408C	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-15	ALUM	H4A / A821	J4	S7	
409	3'-0"	7'-0"	1 3/4"	2A	-	WD	A	HM	H1	J1	-	
409A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
409B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
409C	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-15	ALUM	H4A / A821	J4	S7	
800	6'-0"	7'-0"	1 3/4"	3B	-	WD	A	HM	H1	J1	-	
800A	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H3	J3	S1	
800B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-12	ALUM	H1 / A821	J7	S11	
801	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	S5	
801A	6'-0"	7'-0"	1 3/4"	1B	60 MIN	WD	A	HM	H3	J3	-	
801B	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H3	J3	-	
801C	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H1	J1	S4	
801D	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H7	J1 / A821	S7	
802	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	-	
802A	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H3	J3	-	
802B	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H3	J3	-	
802C	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
802D	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H1	J1	-	
802E	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17 OP HD	ALUM	H2 / A821	J1 / A821	S7	
803	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
803A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
803B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17 OP HD	ALUM	H2 / A821	J1 / A821	S7	
804	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	S5	
804A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S6	
804B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S9	
805	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
805A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
805B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
806	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
806A	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S2	
806B	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S5	
806C	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S5	
806D	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S5	
807	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
807A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
807B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
807C	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H1	J1	-	
807D	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
808	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
808A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
808B	6'-0"	7'-0"	1 3/4"	1B	-	WD	A	HM	H3	J3	-	
808C	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-18	ALUM	H7	J7	S7	
809	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H2	J2	S5	
809A	3'-0"	7'-0"	1 3/4"	3A	-	HM	C	HM	H4	J4	S5	
809B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
809C	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H4	J4	S5	
809D	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H4A	J4	-	
809E	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-1	ALUM	H1 / A821	J1 / A821	S7	
809F	3'-0"	7'-0"	1 3/4"	1A	-	HM	A	HM	H8	J8	S9	
810	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
810A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
810B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
811	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
811A	6'-0"	7'-0"	1 3/4"	NONE	-	-	-	-	H12	J12	-	CASED OPENING
811B	6'-0"	7'-0"	1 3/4"	NONE	-	-	-	-	H12	J12	-	CASED OPENING
811C	3'-0"	7'-0"	1 3/4"	5A	-	WD	A	HM	H3	J3	S2	
811D	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
812	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
812A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
812B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17 OP HD	ALUM	H2 / A821	J1 / A821	S7	
813	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
813A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
813B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
814	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
814A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
814B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
815	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
815A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
815B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17 OP HD	ALUM	H2 / A821	J1 / A821	S7	
817	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	-	
817A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
817B	3'-0"	7'-0"	1 3/4"	5A	-	ALUM	SF-17	ALUM	H2 / A821	J1 / A821	S7	
818	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H1	J1	S4	
819	6'-0"	7'-0"	1 3/4"	5B	-	ALUM	SF-3	ALUM	H3 / A821	J3 / A821 & J3A / A821	S7	WITH REMOVEABLE MULLION AND AUTOMATIC DOOR OPENER
820	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H1	J1	S4	
820A	6'-0"	7'-0"	1 3/4"	1B	-	HM	A	HM	H8	J8	S8	WITH REMOVEABLE MULLION
821	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
822	3'-0"	7'-0"	1 3/4"	1A	60 MIN	HM	A	HM	H8	J8	S8	
823	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H1	J1	S5	
824	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	S2	
825	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H1	J1	S2	
826	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
827	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
828	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
829	12'-0"	7'-6"	1 3/4"	6	-	ALUM	-	ALUM	-	-	S7	AUTOMATIC SLIDING GLASS DOORS
830	6'-0"	7'-0"	1 3/4"	5B	-	ALUM	SF-7	ALUM	H3A / A821	J3 / A821	S7	
830A	7'-8"	7'-0"	1 3/4"	5B	-	WD	-	HM	H1	J1	S7	
831	3'-0"	7'-0"	1 3/4"	1A	60 MIN	HM	B	HM	H14	J14	S12	
831A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
831B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S5	
832	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S2	
833	3'-0"	7'-0"	1 3/4"	3A	-	WD	A	HM	H3	J3	S2	
834	6'-0"	7'-0"	1 3/4"	5B	-	ALUM	SF-14	ALUM	H7	J7 / J7A	S7	WITH REMOVEABLE MULLION AND AUTOMATIC DOOR OPENER
834B	6'-0"	7'-0"	1 3/4"	5B	-	ALUM	SF-2	ALUM	H7	J7 / J7A	S7	WITH REMOVEABLE MULLION
834C	7'-8"	7'-0"	1 3/4"	1B	-	WD	-	HM	H1	J1	-	
835	3'-0"	7'-0"	1 3/4"	3A	60 MIN	WD	A	HM	H1	J1	S5	
835A	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
835B	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	S6	
835C	3'-0"	7'-0"	1 3/4"	1A	-	WD	A	HM	H3	J3	-	
836	6'-0"	7'-0"	1 3/4"	1B	3 HR	HM	B	HM	H10	J10	S12	
836A	6'-0"	7'-0"	1 3/4"	5B	-	ALUM	SF-7	ALUM	H7	J7 / J7A	S7	WITH REMOVEABLE MULLION
837	6'-0"	7'-0"	1 3/4"	1B	3 HR	HM	B	HM	H10	J10	S1	
837A	6'-0"	7'-0"	1 3/4"	1A	60 MIN	ALUM	SF-7	ALUM	H7	J7 / J7A	S7	WITH REMOVEABLE MULLION
837B	3'-0"	7'-0"	1 3/4"	1A	60 MIN	WD	A	HM	H2	J2	S4	
839	6'-0"	7'-0"	1 3/4"	5B	60 MIN	ALUM	SF-7	ALUM	H3A / A821	J3 / A821	S7	WITH REMOVEABLE MULLION
840A	6'-0"	7'-0"	1 3/4"	1B	60 MIN	HM	B	HM	H6	J6	S8	WITH REMOVEABLE MULLION
1000	6'-0"	6'-6"	1 3/4"	1A	60 MIN	HM	A	HM	H3	J3	-	ON MECHANICAL PLATFORM
1001	6'-0"	6'-6"	1 3/4"	1A	60 MIN	HM	A	HM	H3	J3	-	ON MECHANICAL PLATFORM
1001A	3'-0"	6'-6"	1 3/4"	1A	60 MIN	HM	A	HM	H3	J3	-	ON MECHANICAL PLATFORM

DOOR AND FRAME NOTES

- INTERIOR HM FRAMES SHALL BE 16 GA. SHOP PRIMED STEEL.
- EXTERIOR HM FRAMES SHALL BE 14 GA. GALVANIZED SHOP PRIMED STEEL.
- ALL CORNERS OF EXTERIOR HM FRAMES SHALL BE SHOP (FULL) WELDED AND GROUND SMOOTH.
- FLOOR ANCHORS ARE REQUIRED AT EACH HM FRAME.
- THRESHOLDS SHALL BE 1/2" MAXIMUM HEIGHT.
- HEAD ANCHORS: TWO ANCHORS PER HEAD FOR FRAMES MORE THAN 42 INCHES (1067 MM) HIGH AND MOUNTED IN METAL-STUD PARTITIONS.
- HARDWARE PREPARATION: FACTORY PREPARE HOLLOW METAL WORK TO RECEIVE TEMPLATED MORTISED HARDWARE, INCLUDE CUTOUPS, REINFORCEMENT, MORTISING, DRILLING, AND TAPPING ACCORDING TO SDAI 250.6, THE DOOR HARDWARE SCHEDULE, AND TEMPLATES.
- MULLIONS AND TRANSOM BARS: JOIN TO ADJACENT MEMBERS BY WELDING.
- ALL DOORS SHALL BE INSTALLED WITH MINIMUM CLEARANCES AS SHOWN ON SHEET A01 U.N.G.

EXTERIOR GLAZING SCHEDULE	
MARK	COMMENTS
GL-2	1" INSULATED, TEMPERED, CLEAR
GL-3A	1" INSULATED, TEMPERED - COLOR 1
GL-3B	1" INSULATED, TEMPERED - COLOR 2
GL-3C	1" INSULATED, TEMPERED - COLOR 3
GL-3D	1" INSULATED, TEMPERED - COLOR 4

mcmillan pazdan smith
ARCHITECTURE

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS

STATE OF SOUTH CAROLINA
REGISTERED ARCHITECTS

SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND REN

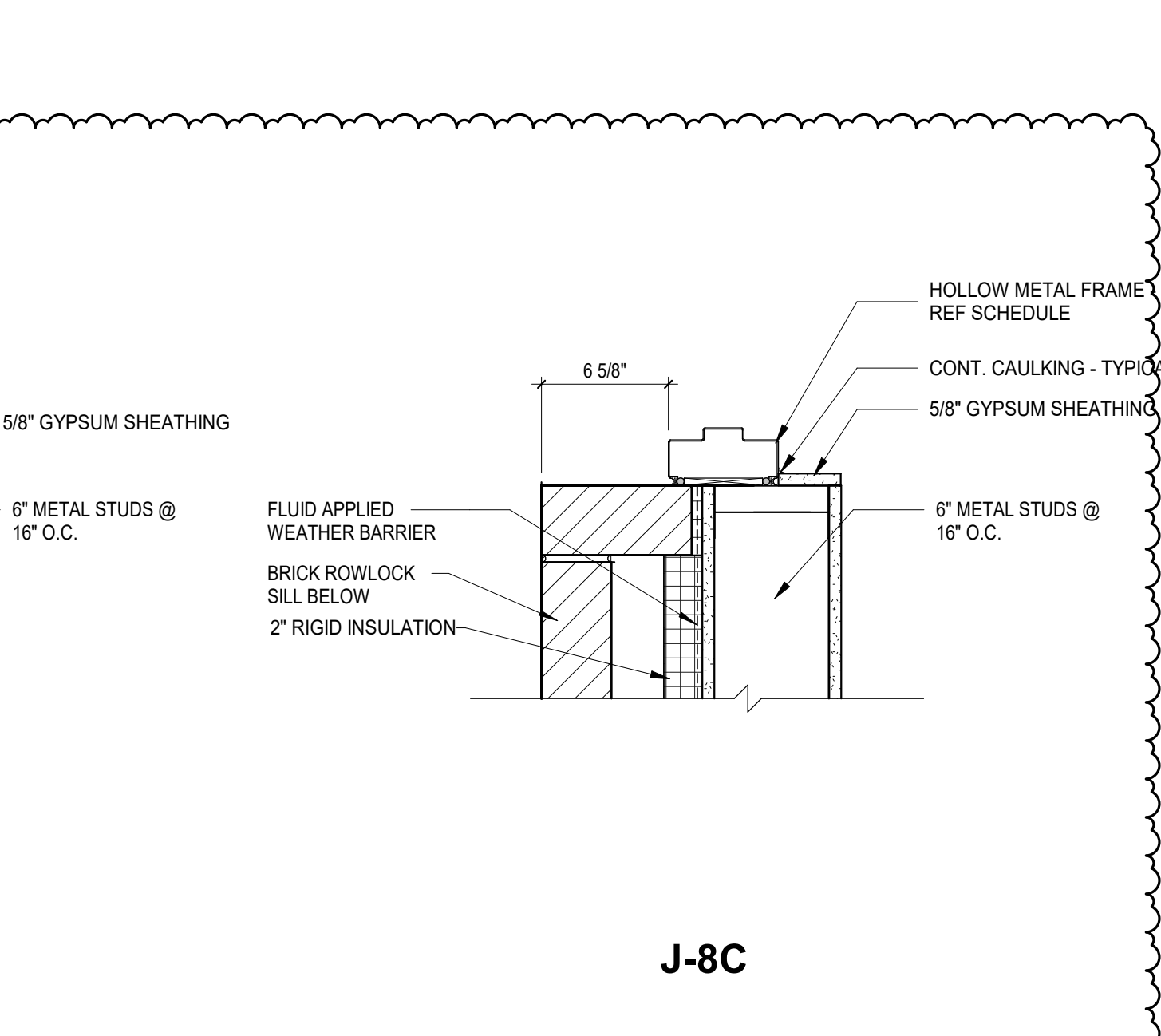
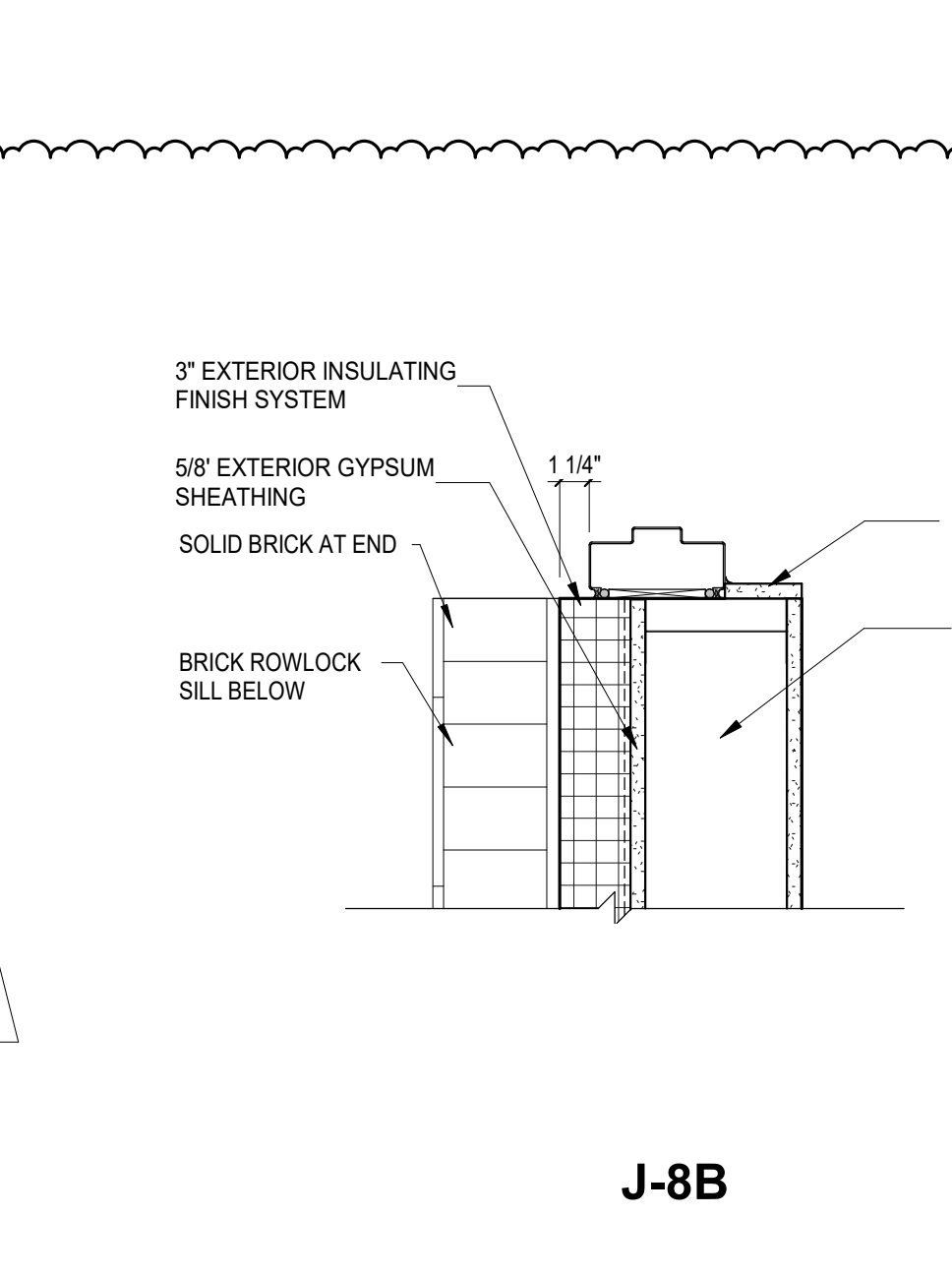
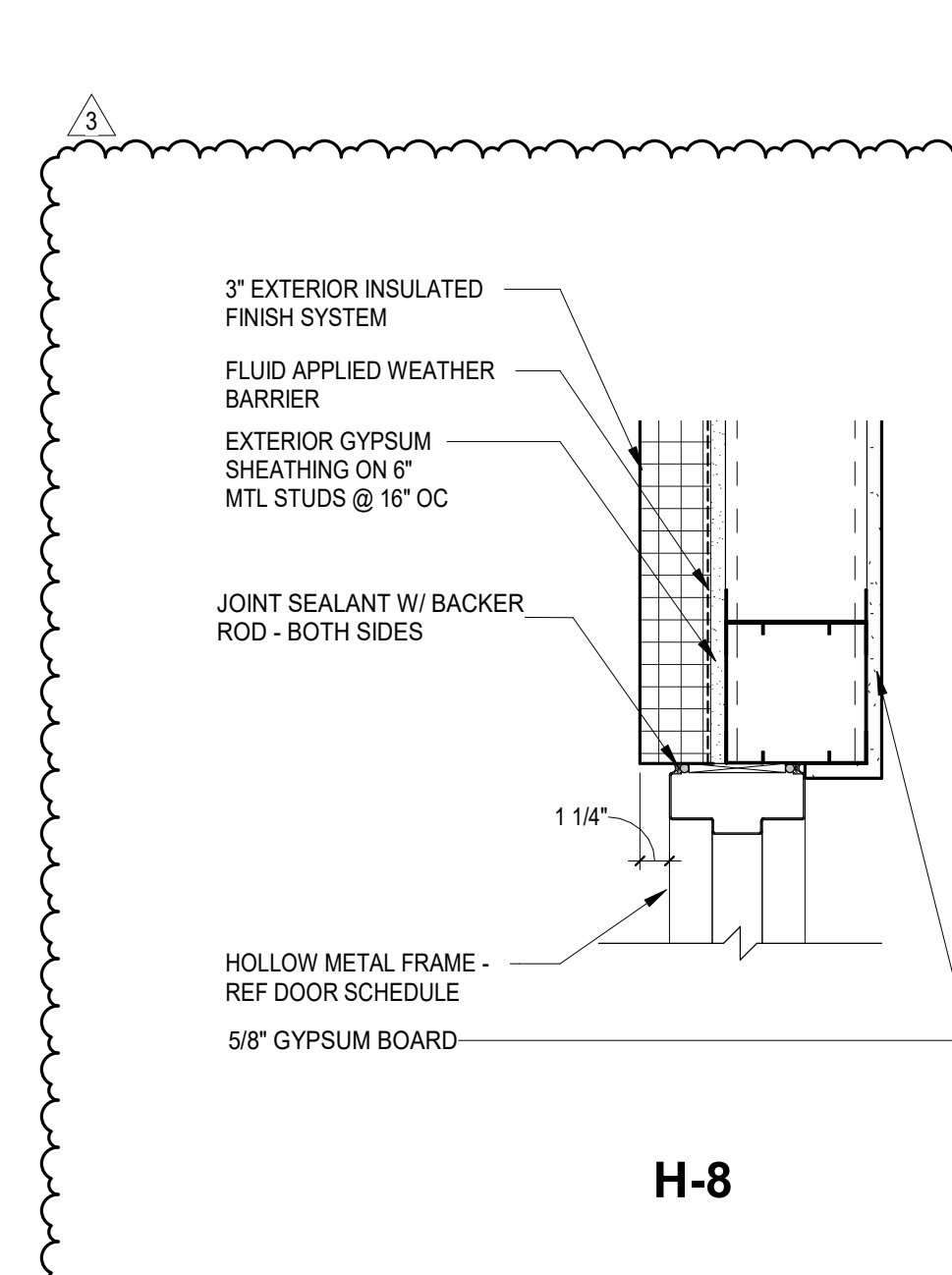
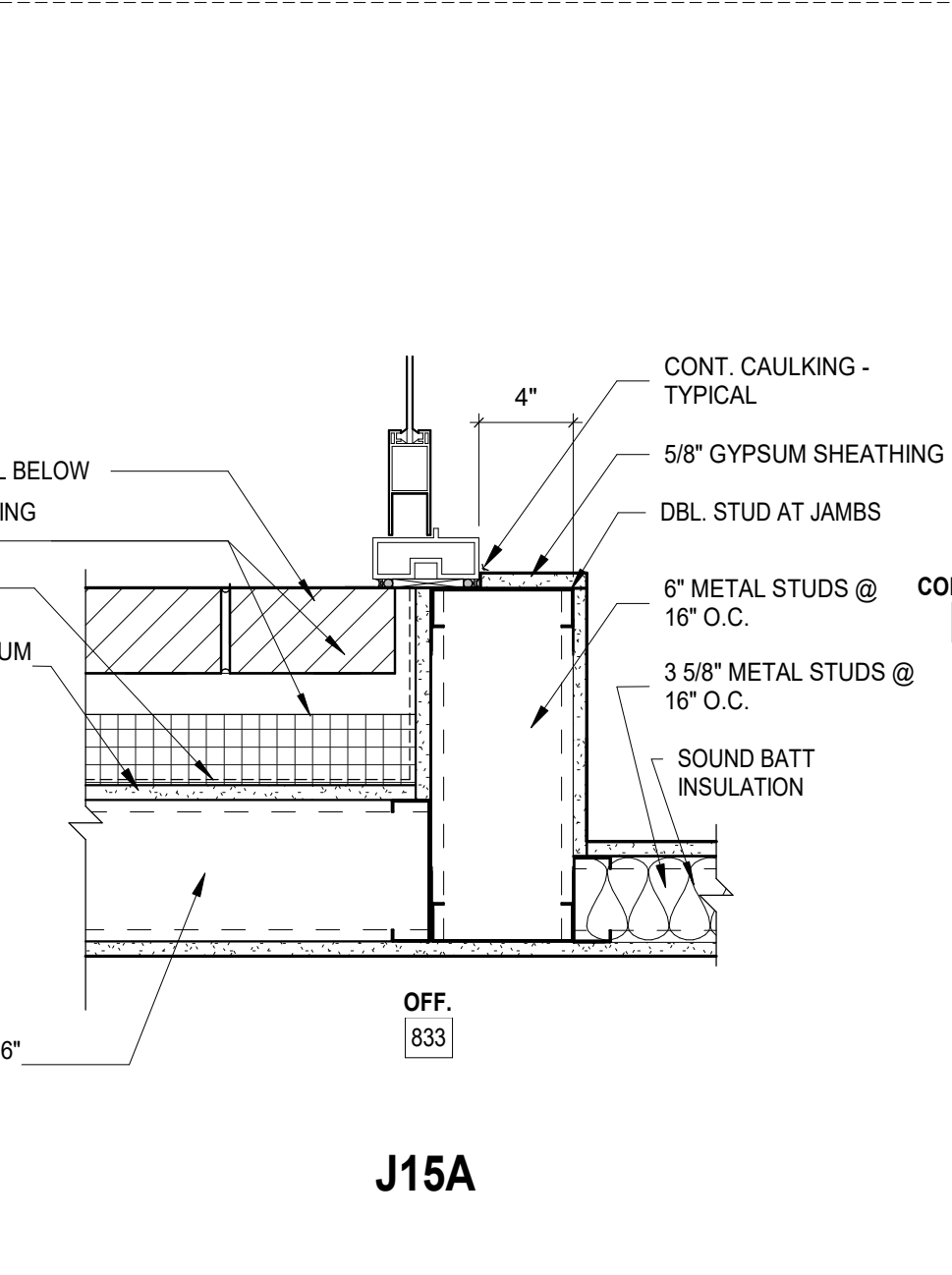
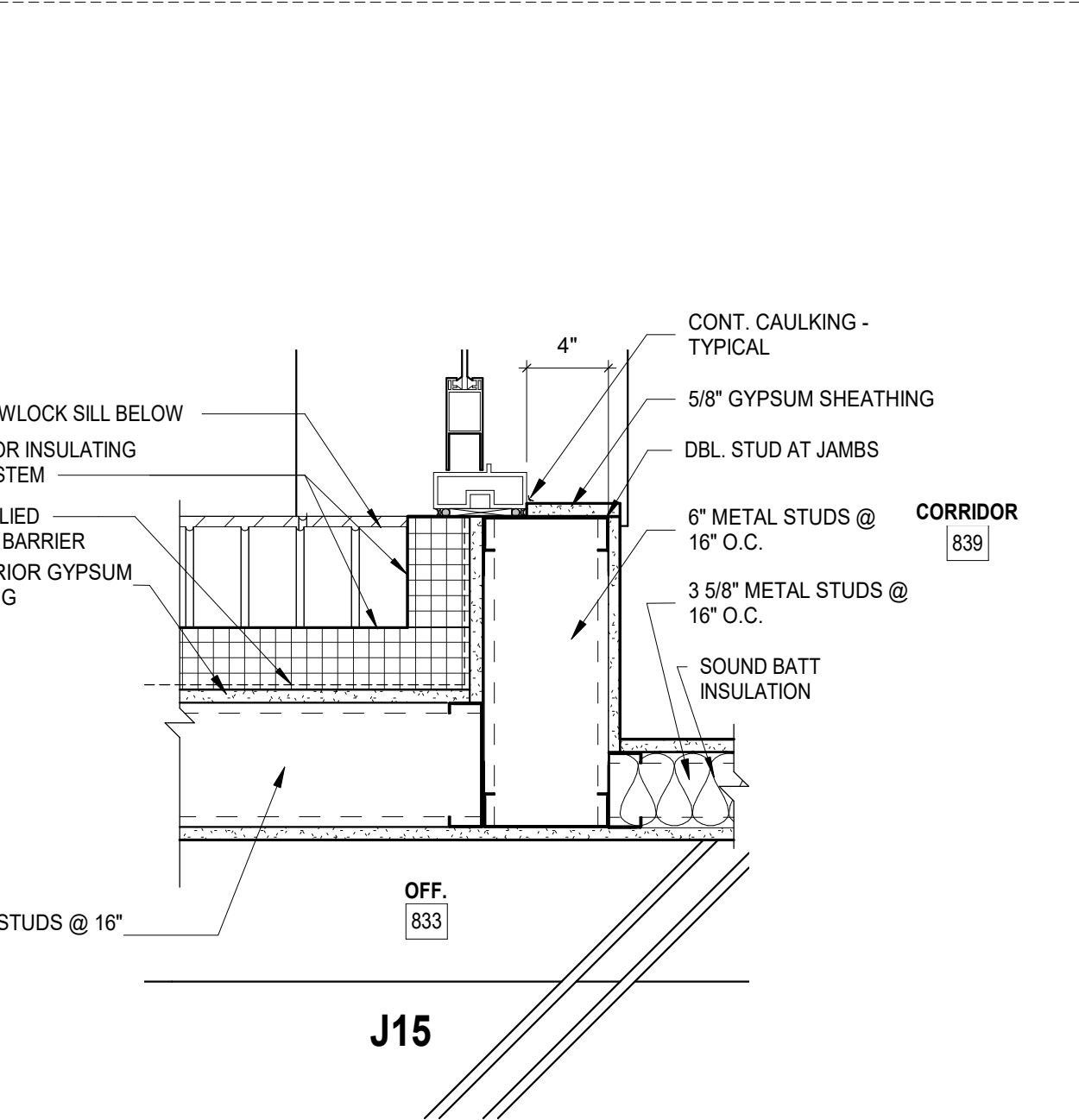
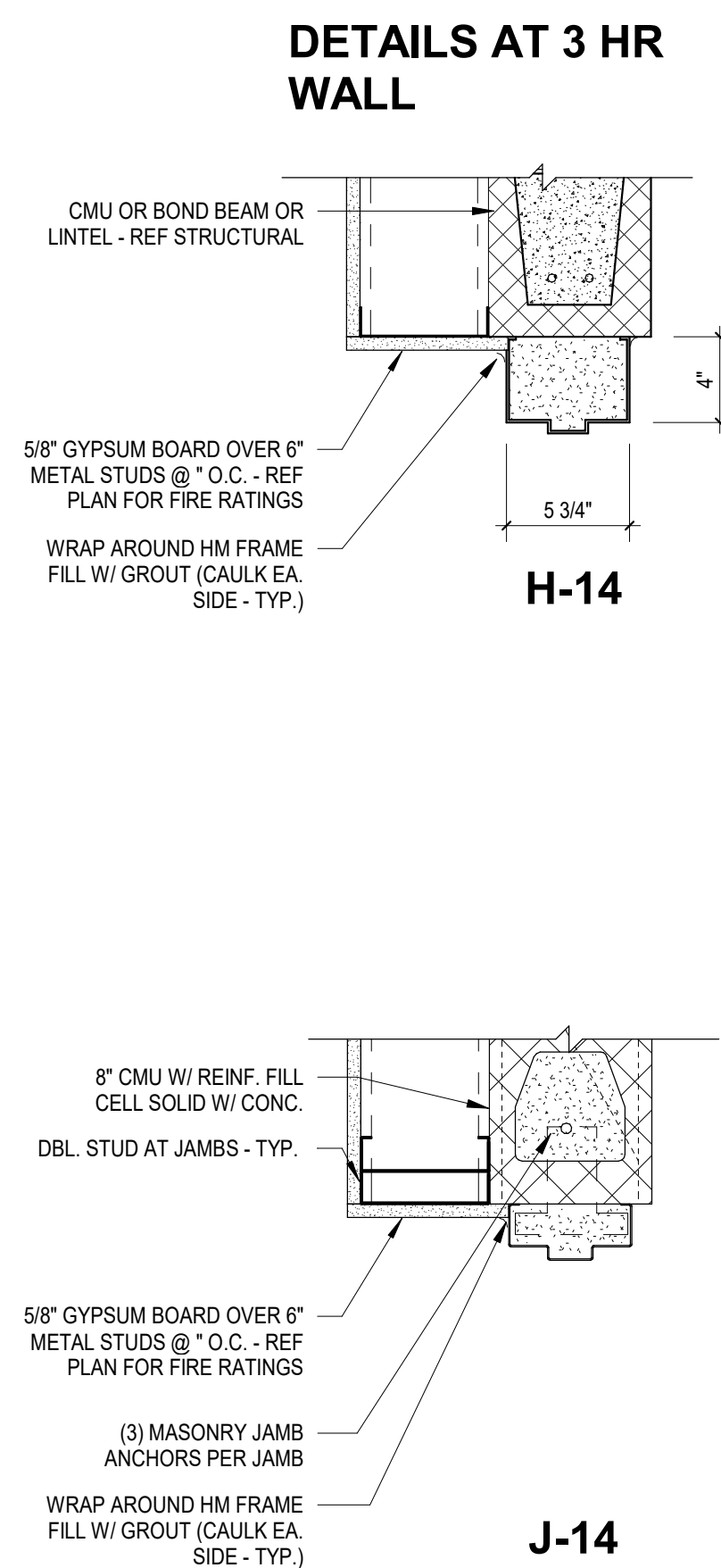
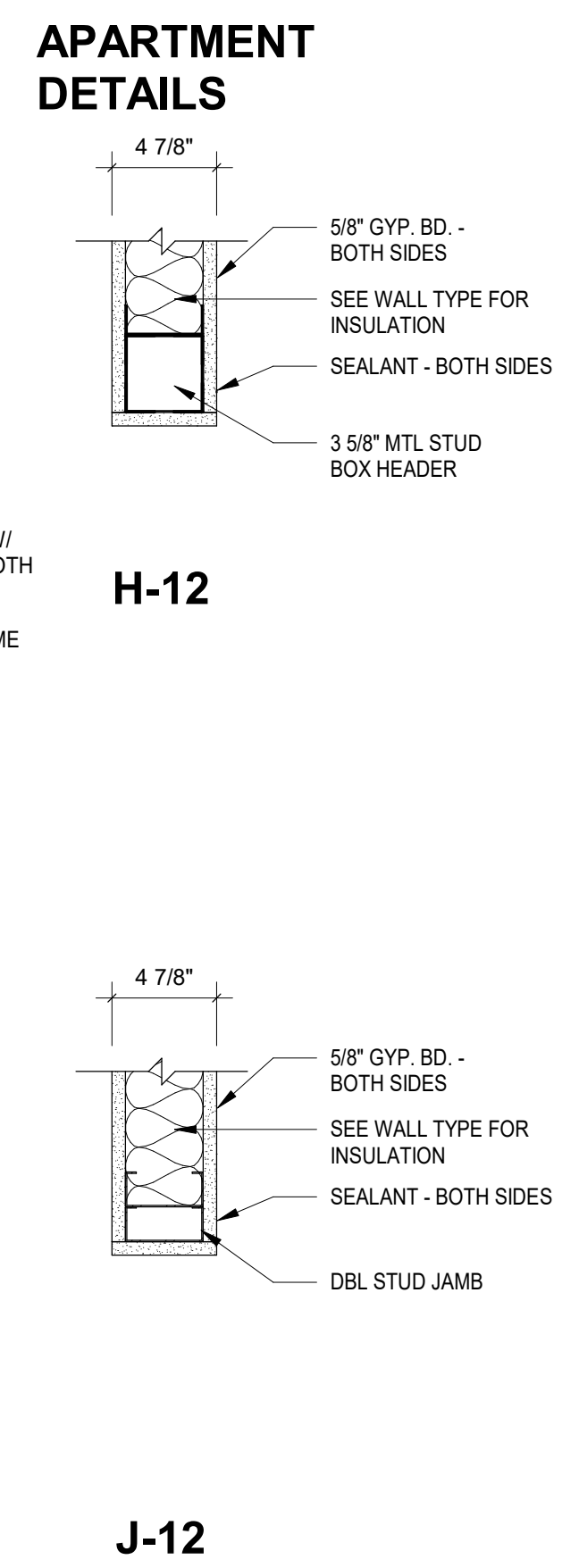
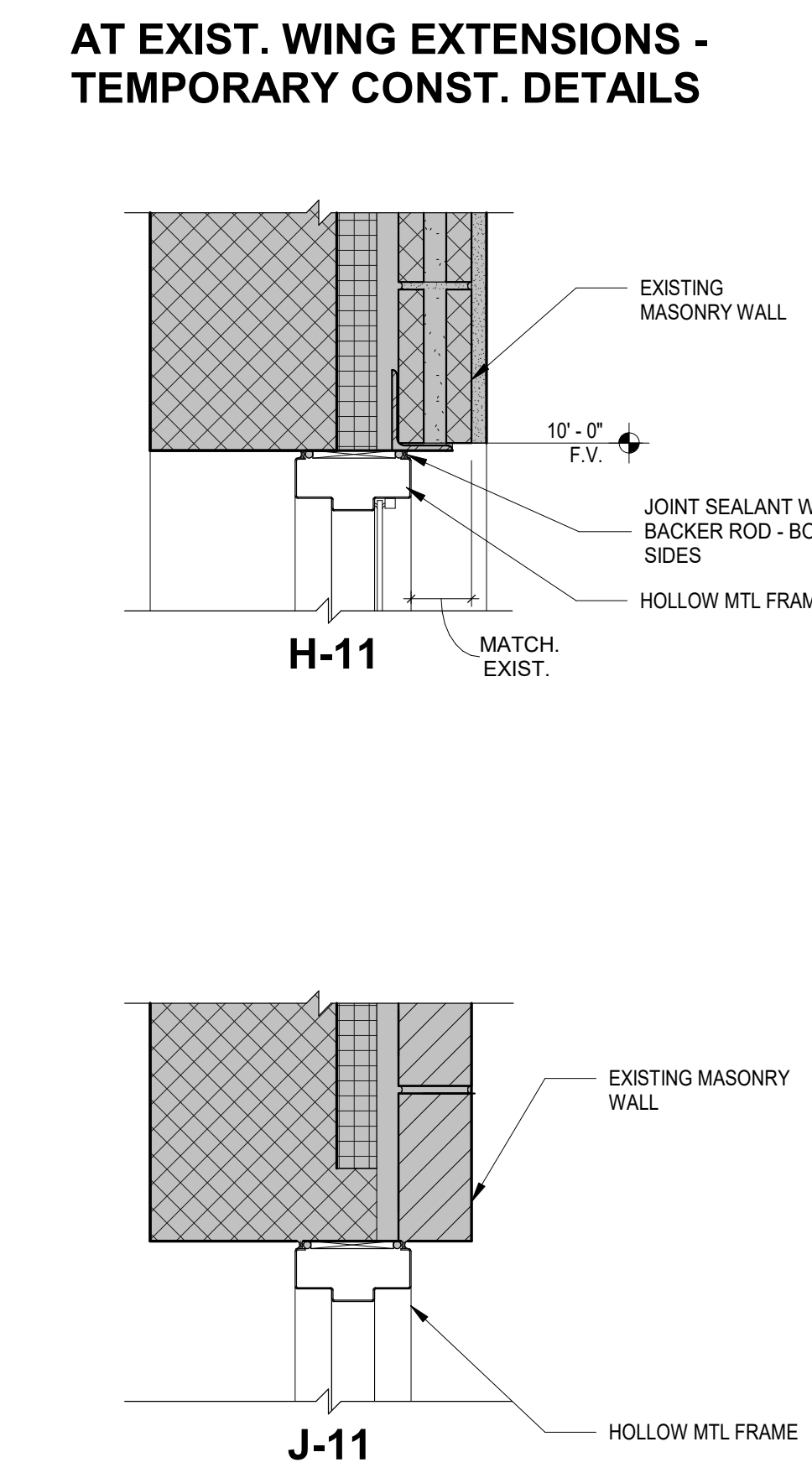
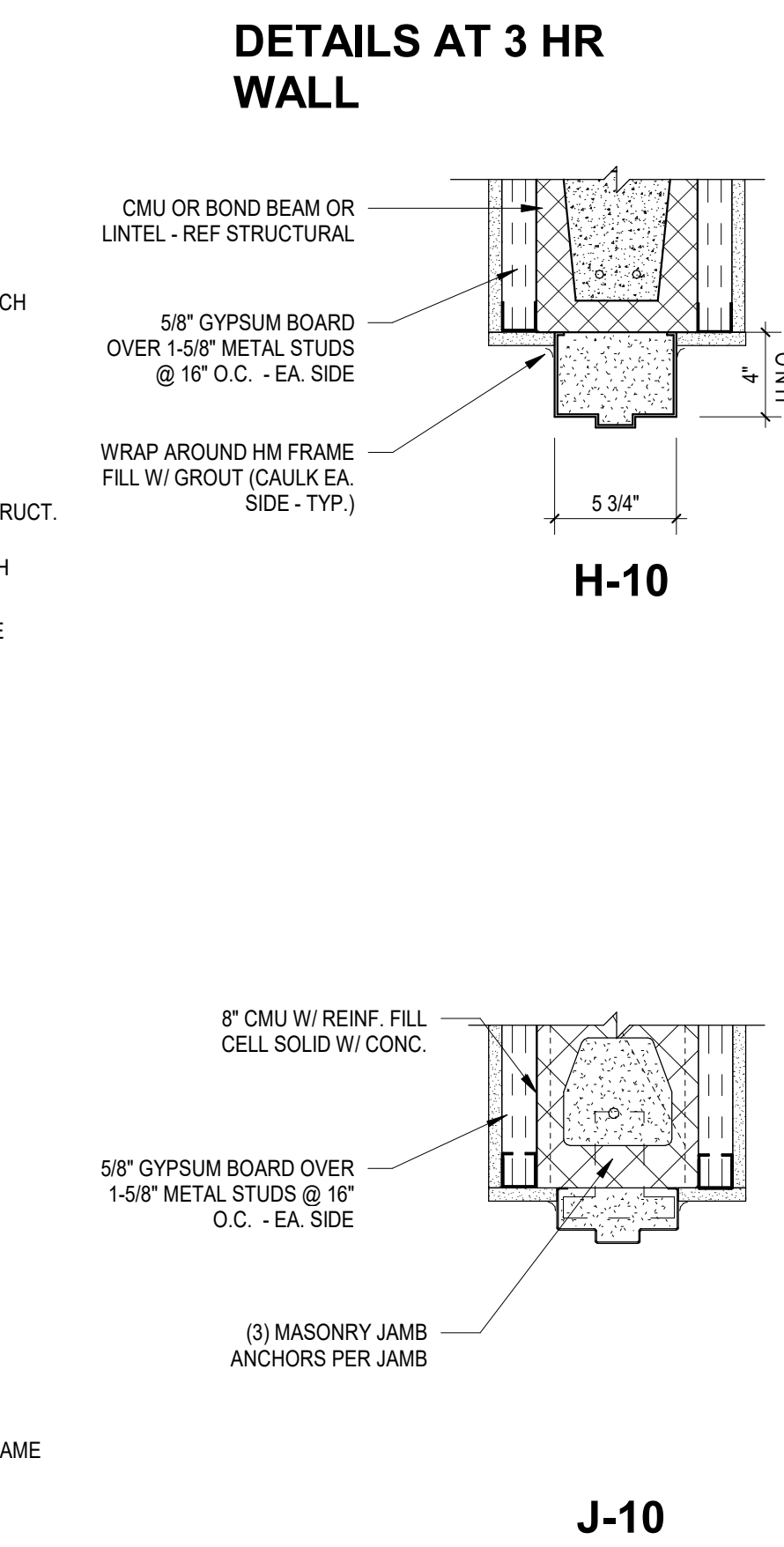
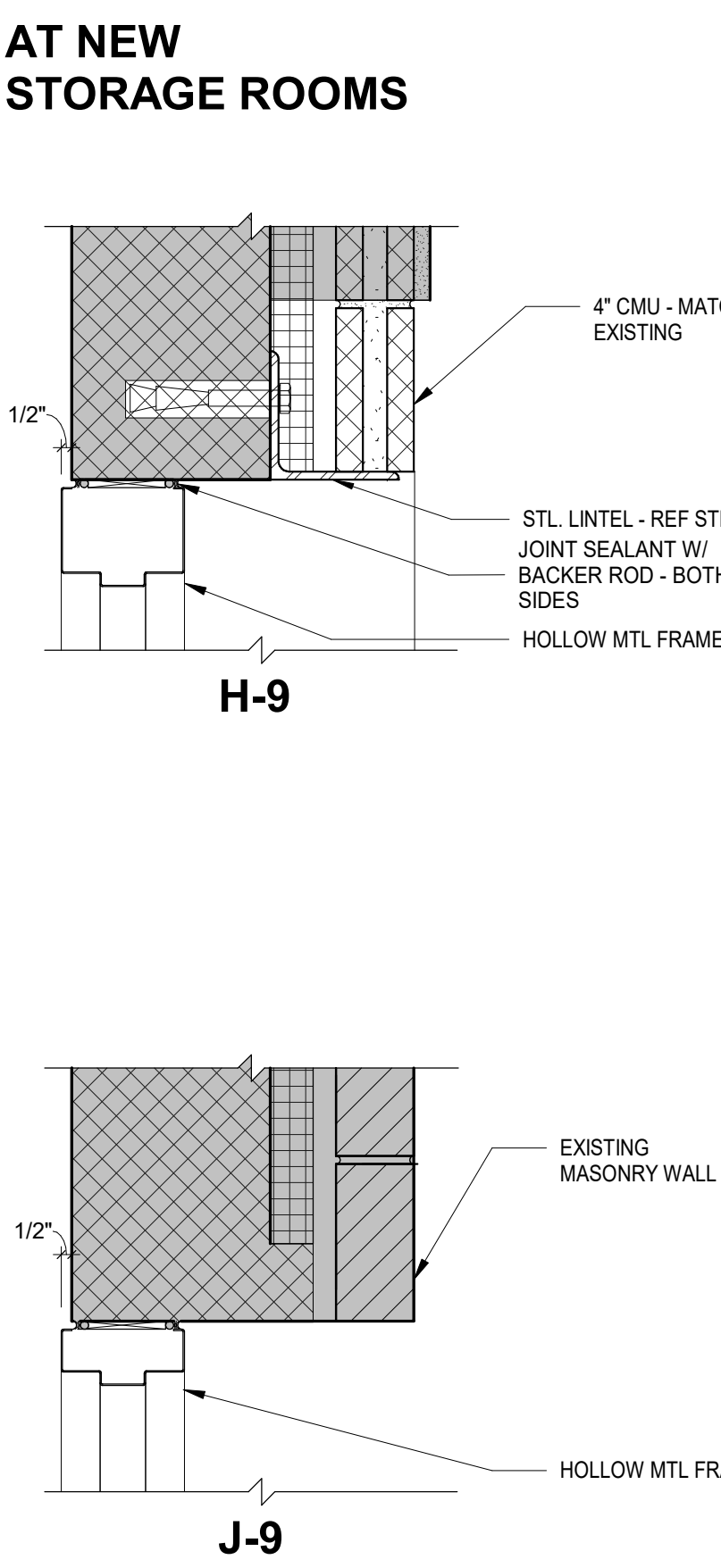
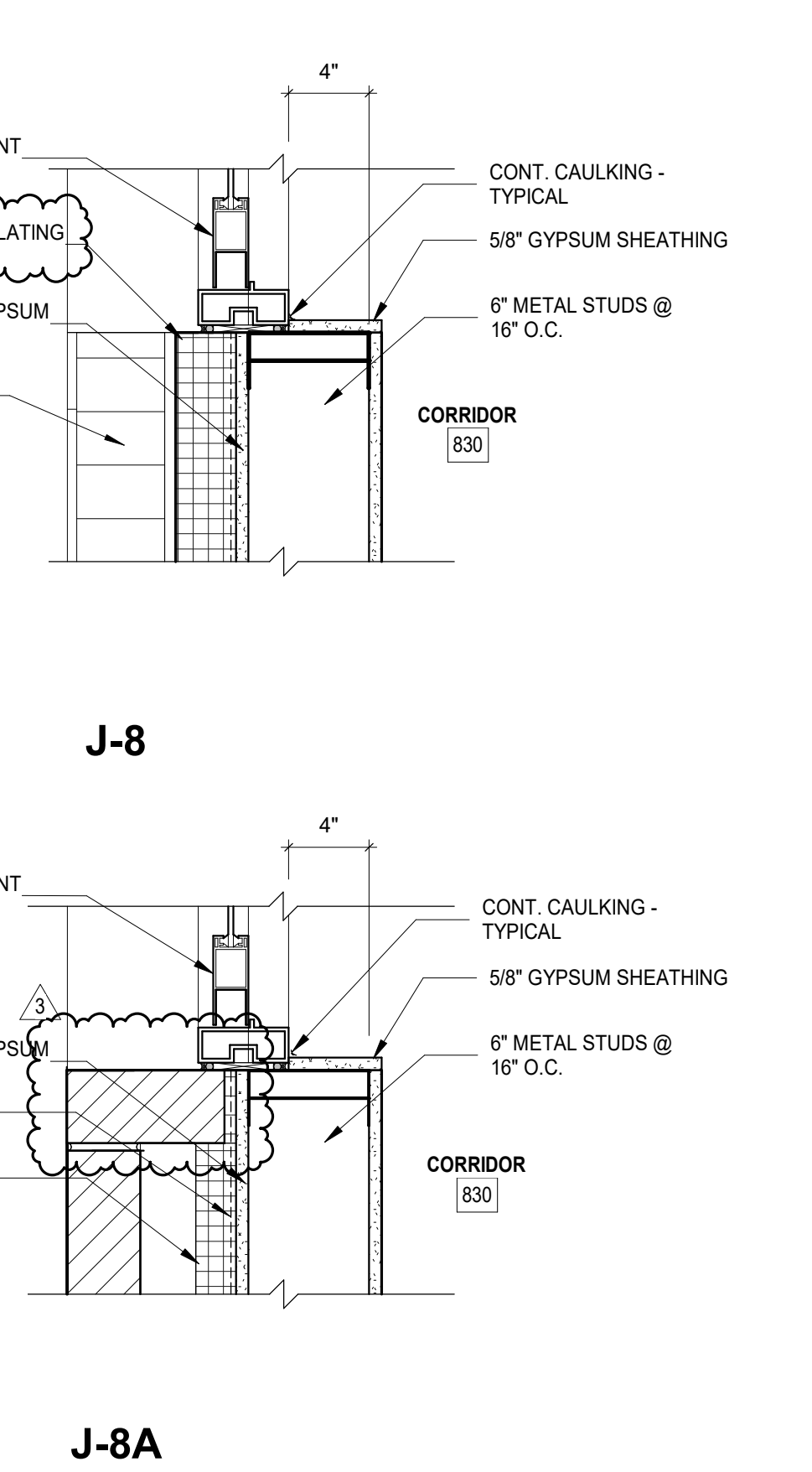
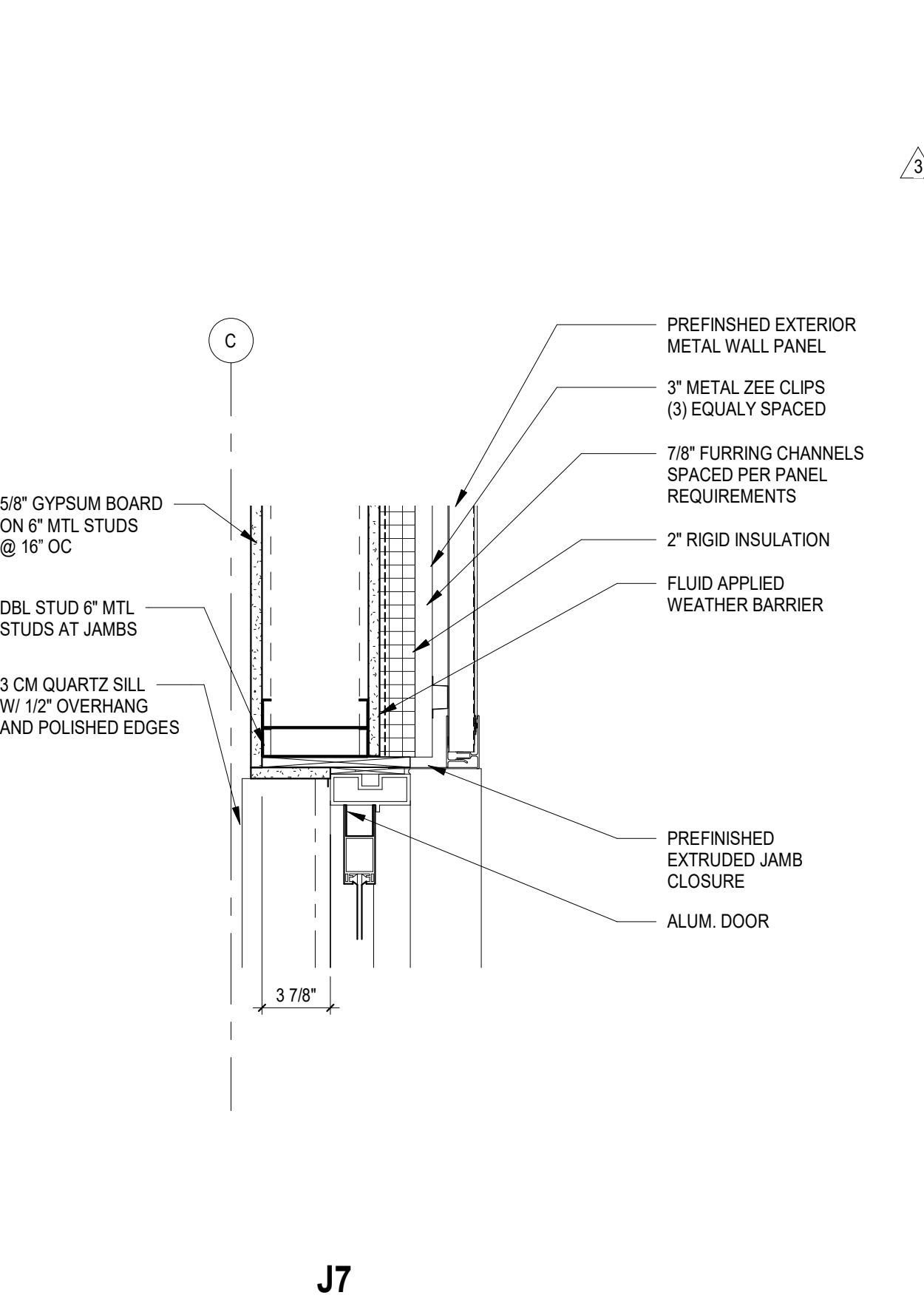
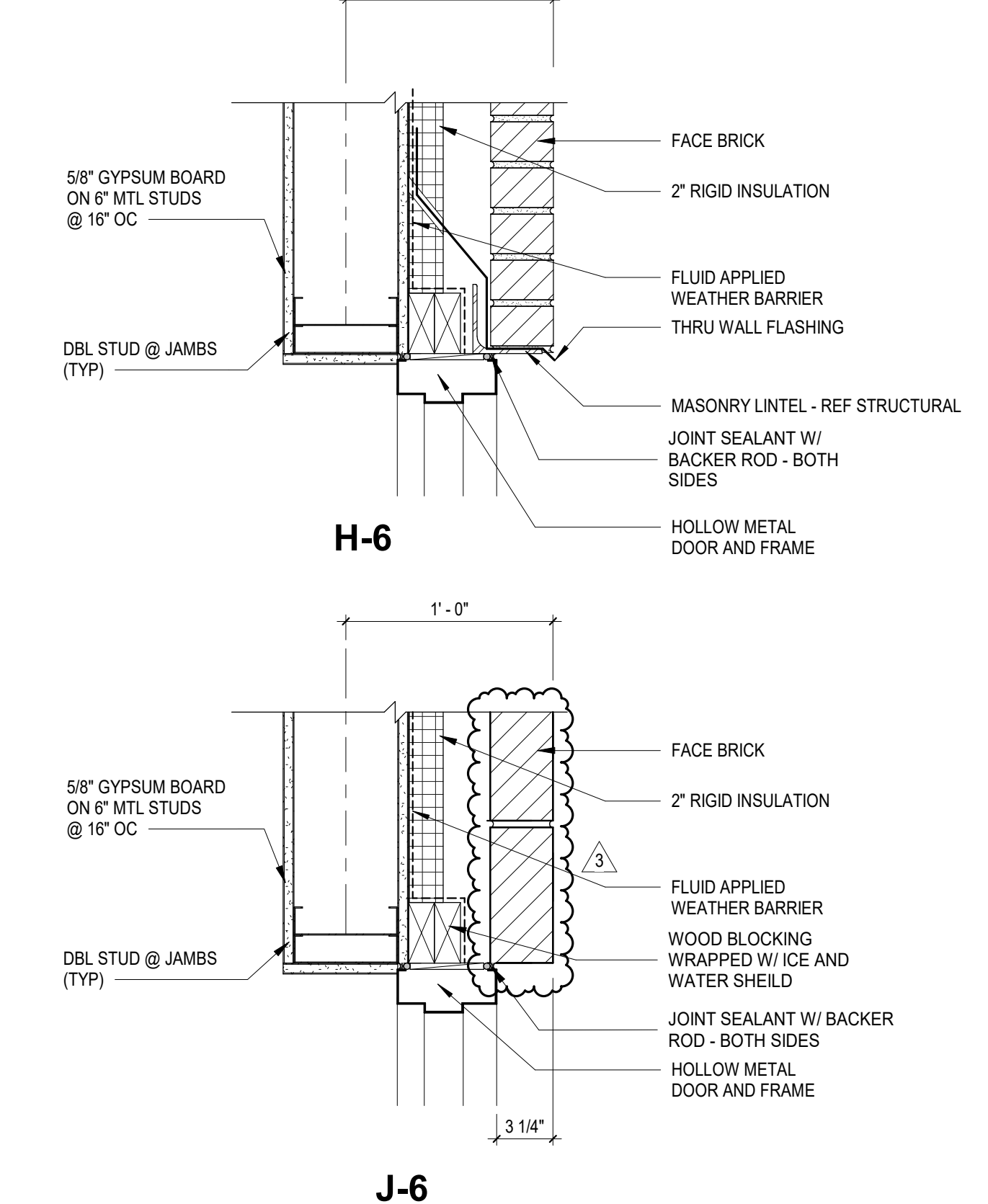
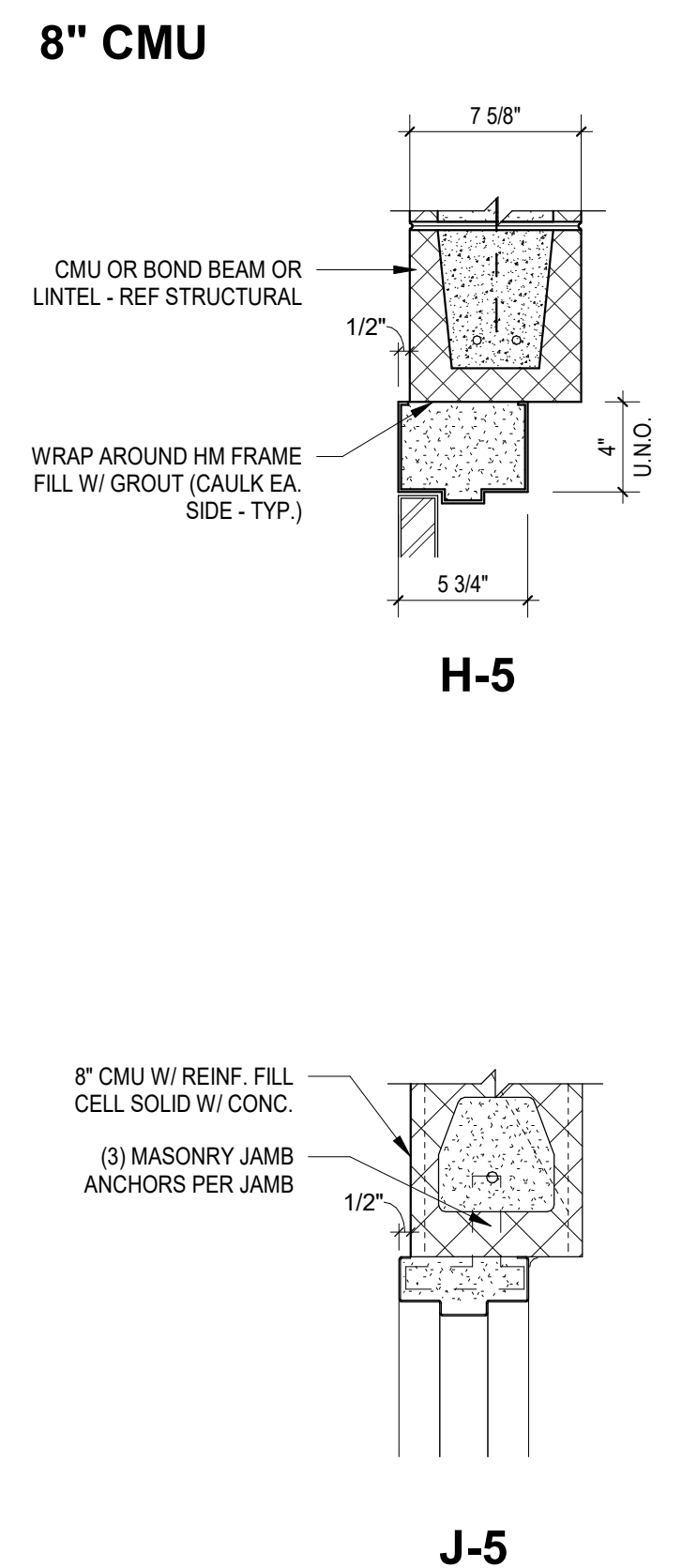
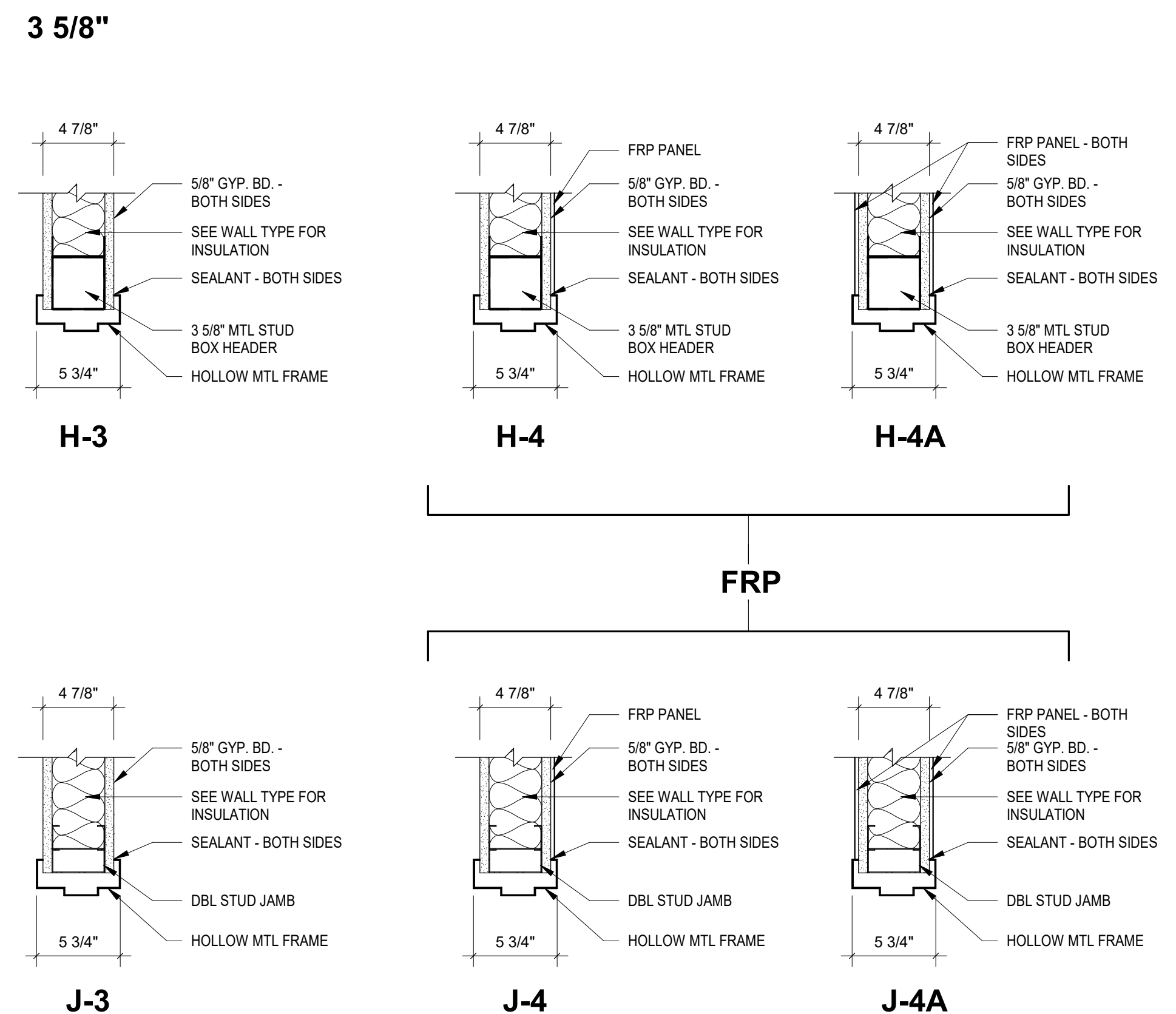
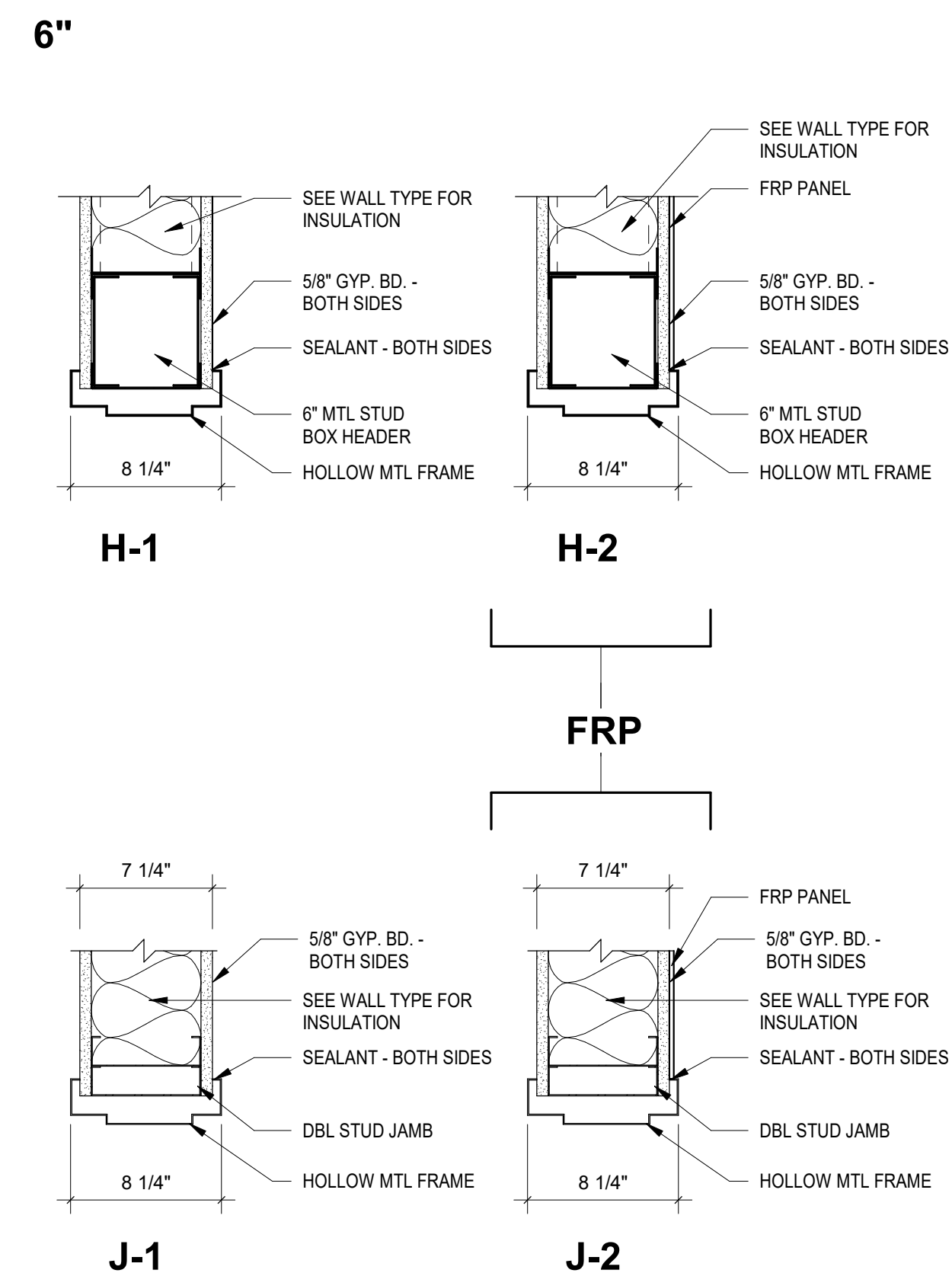
SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, D.LC

SHEET TITLE:
DOOR DETAILS

SHEET NO. PROJ. NO.
 020603.00

A801



ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. THE PROJECT ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. SUBMITTALS AND REVISIONS SHALL BE MADE IN ACCORDANCE WITH THE PROJECT MANUAL AND THE PROJECT ARCHITECT'S INSTRUCTIONS. THE PROJECT ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE PROJECT ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE PROJECT ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT.

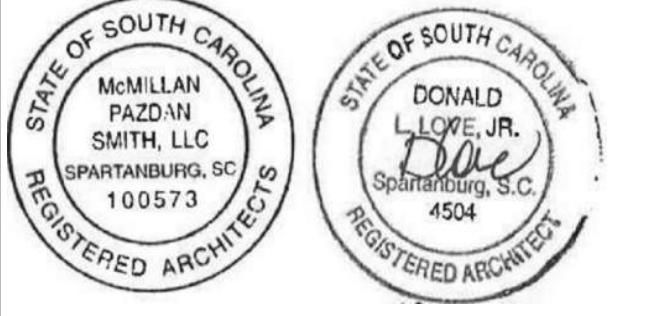
EXTERIOR GLAZING SCHEDULE	
MARK	COMMENTS
GL-2	1" INSULATED, TEMPERED, CLEAR
GL-3A	1" INSULATED, TEMPERED - COLOR 1
GL-3B	1" INSULATED, TEMPERED - COLOR 2
GL-3C	1" INSULATED, TEMPERED - COLOR 3
GL-3D	1" INSULATED, TEMPERED - COLOR 4

NOTE:
REF A800 FOR HOLLOW METAL WINDOW FRAMES/DETAILS.

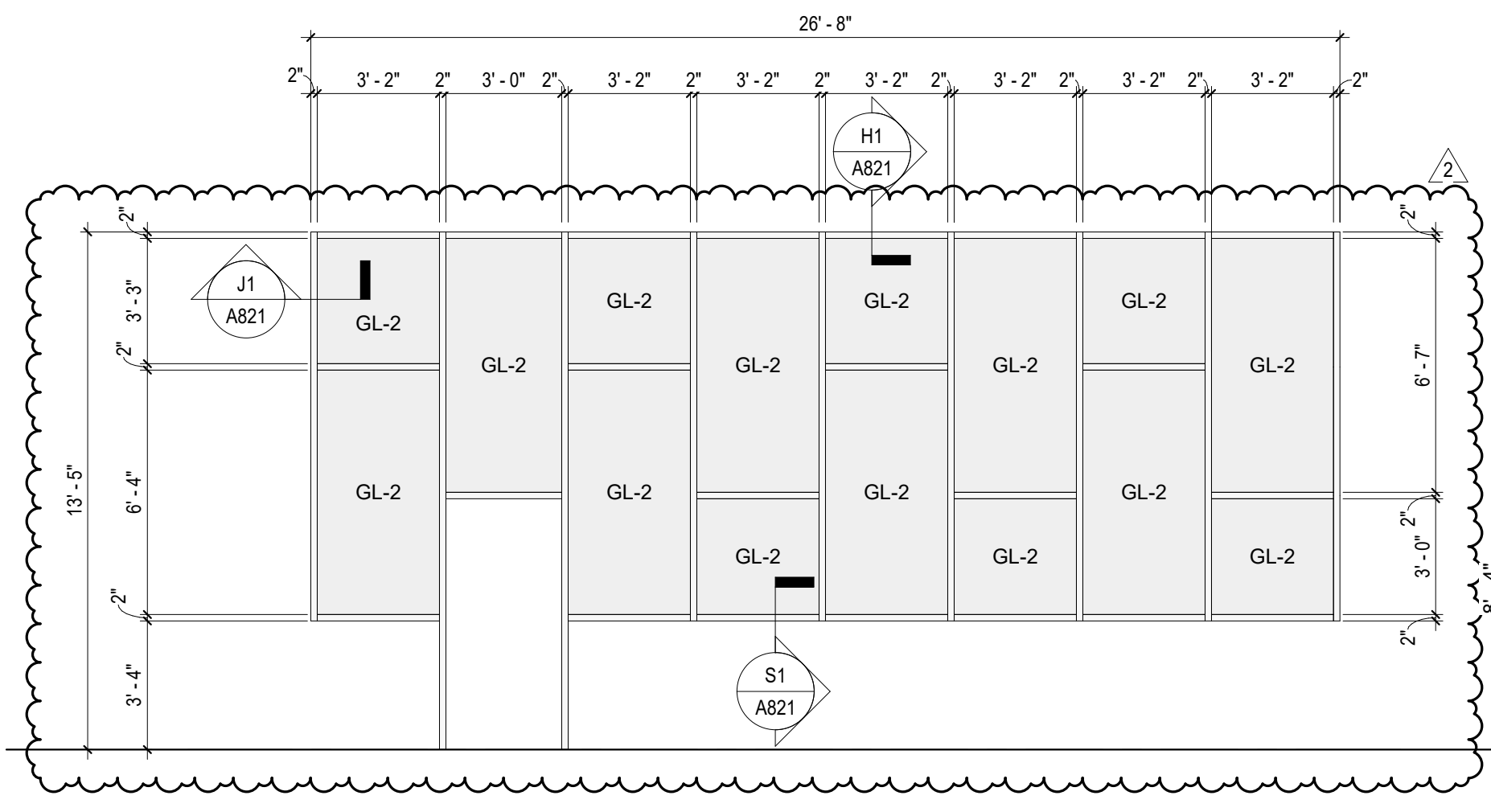
NOT USED

CONSULTANT LOGO

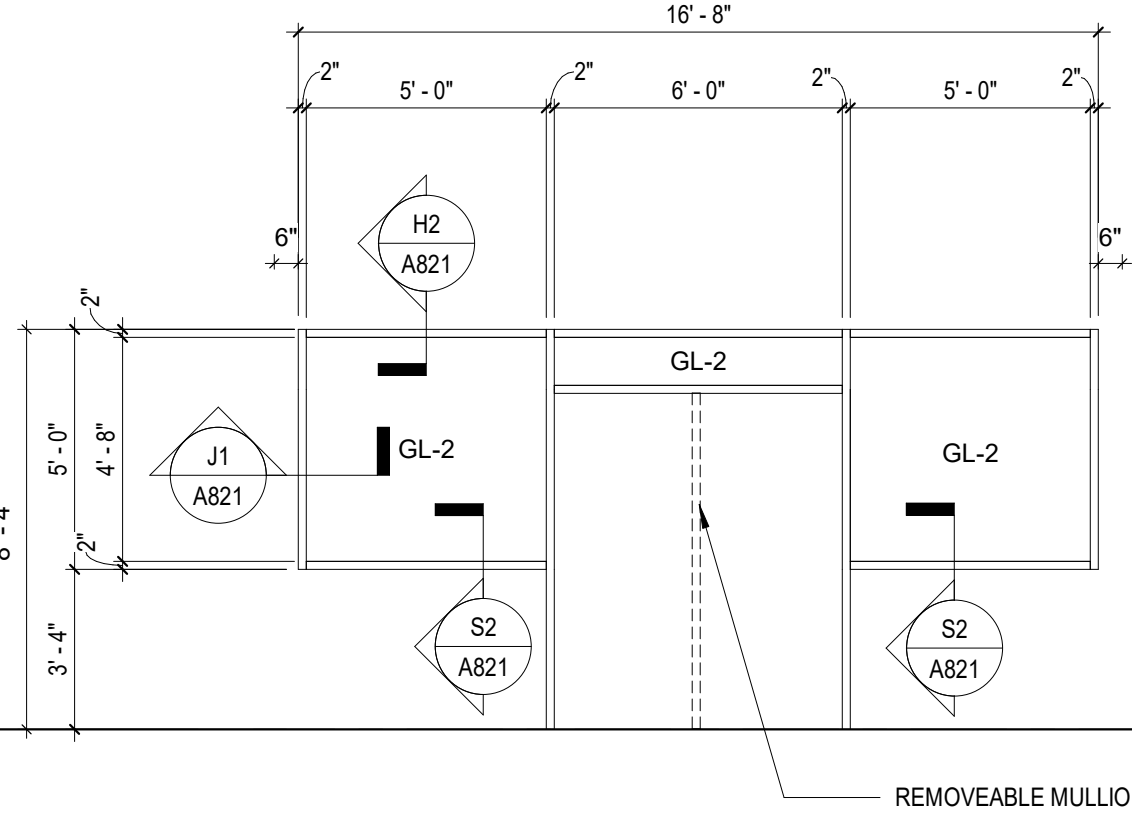
SEALS



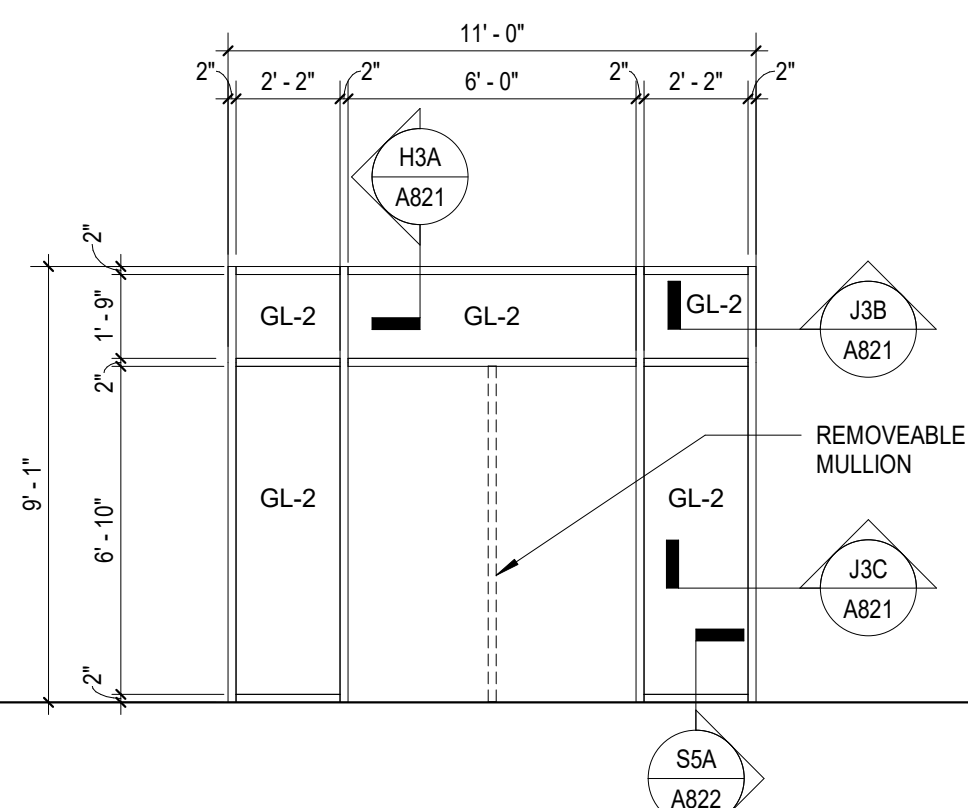
ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MC MILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MC MILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN CONSENT OF MC MILLAN PAZDAN SMITH ARCHITECTURE IS STRICTLY PROHIBITED. THE USER ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM ANY SUCH REUSE OR REPRODUCTION. THE USER AGREES TO HOLD MC MILLAN PAZDAN SMITH ARCHITECTURE HARMLESS FROM AND AGAINST ALL SUCH DAMAGES.



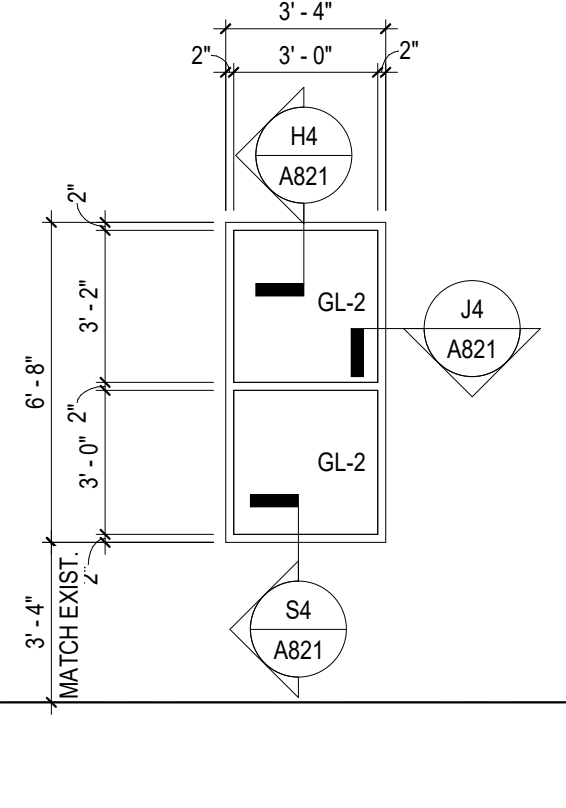
SF-1



SF-2

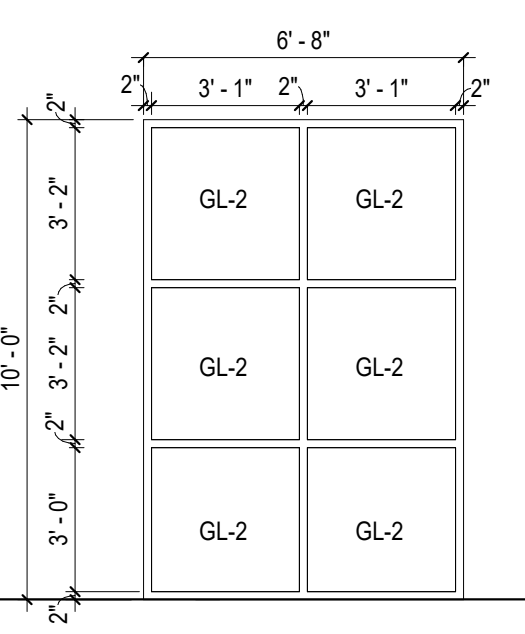


SF-3

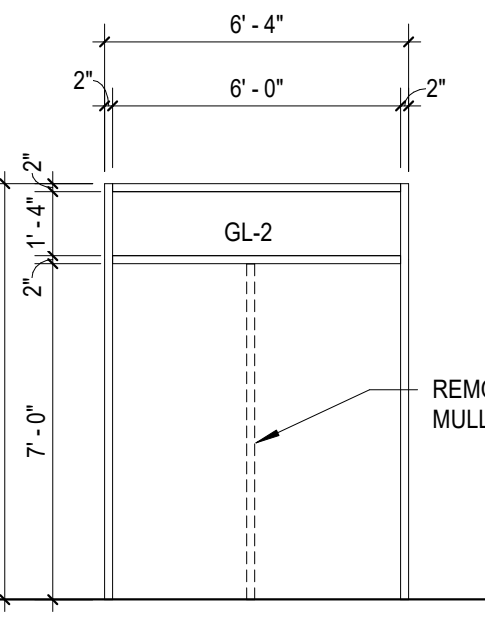


SF-4

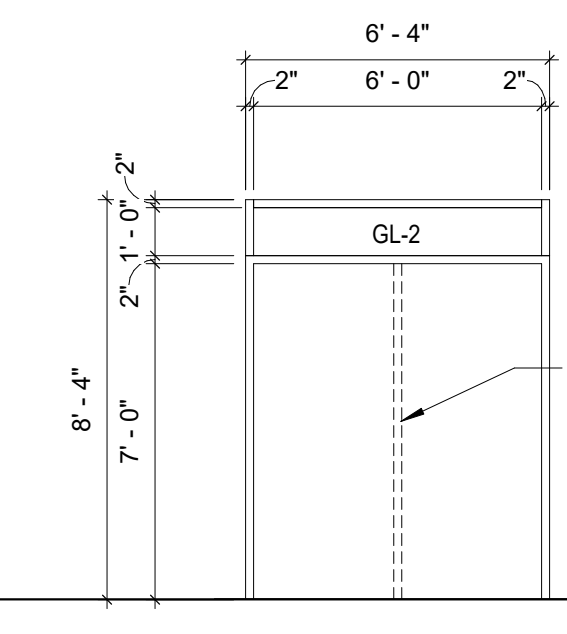
SF-5



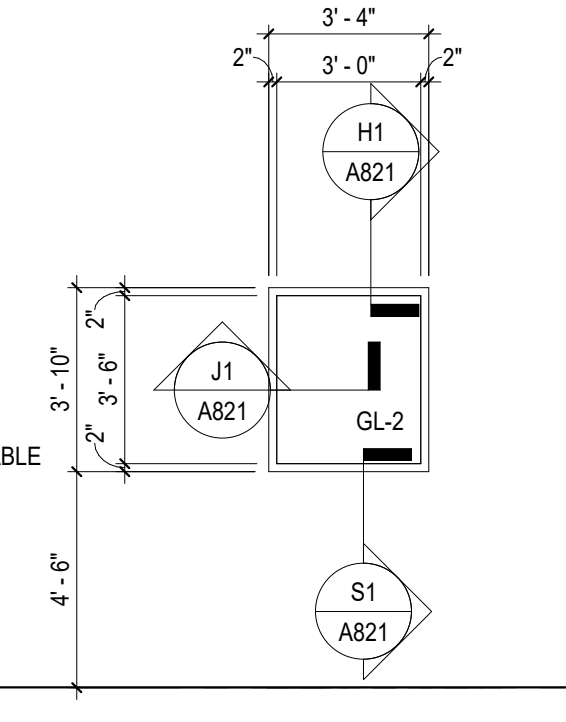
SF-6



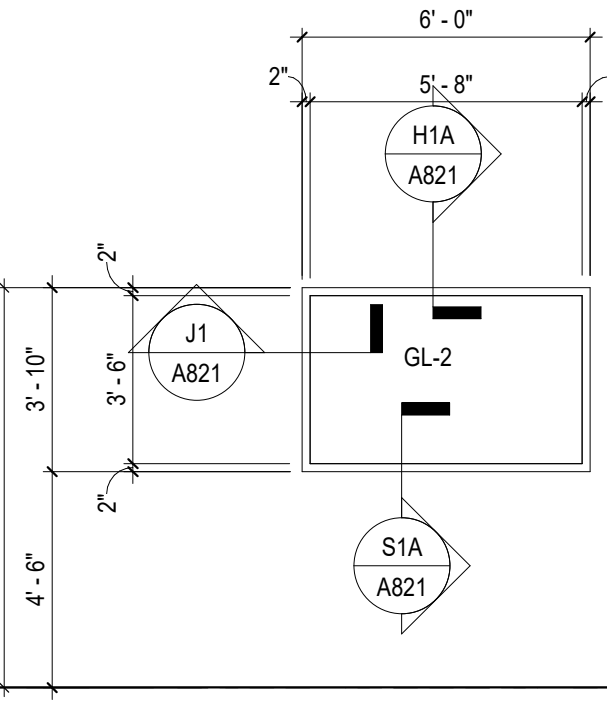
SF-7



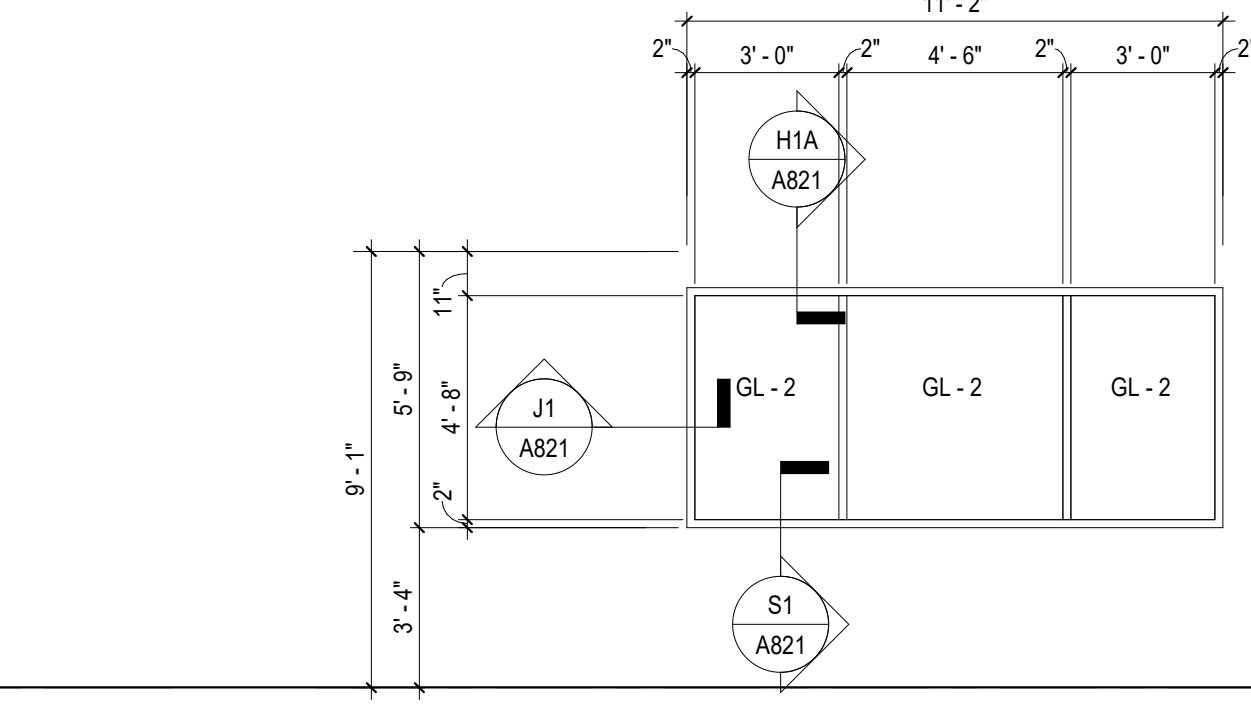
SF-7A



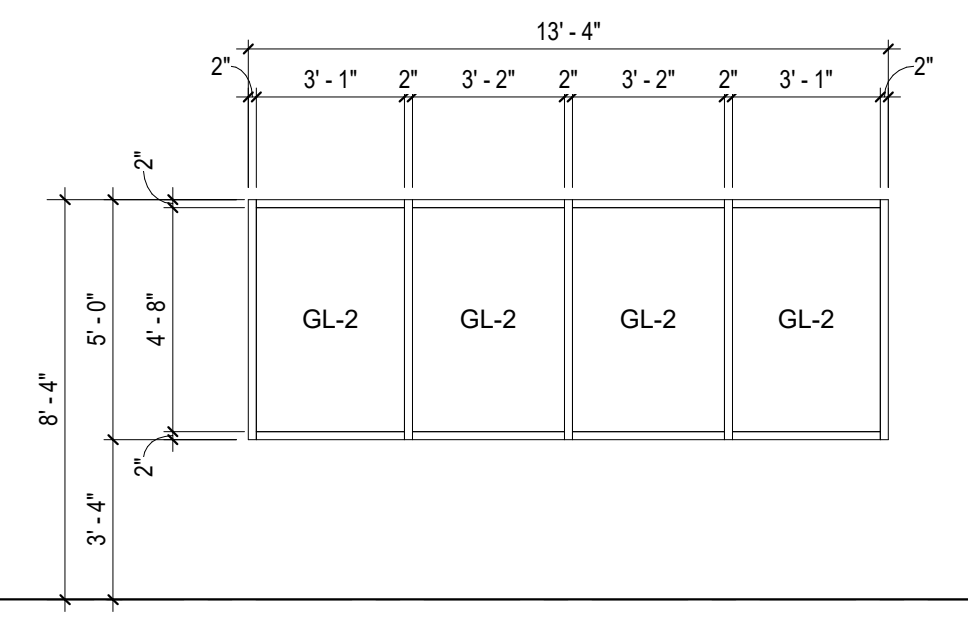
SF-8



SF-9

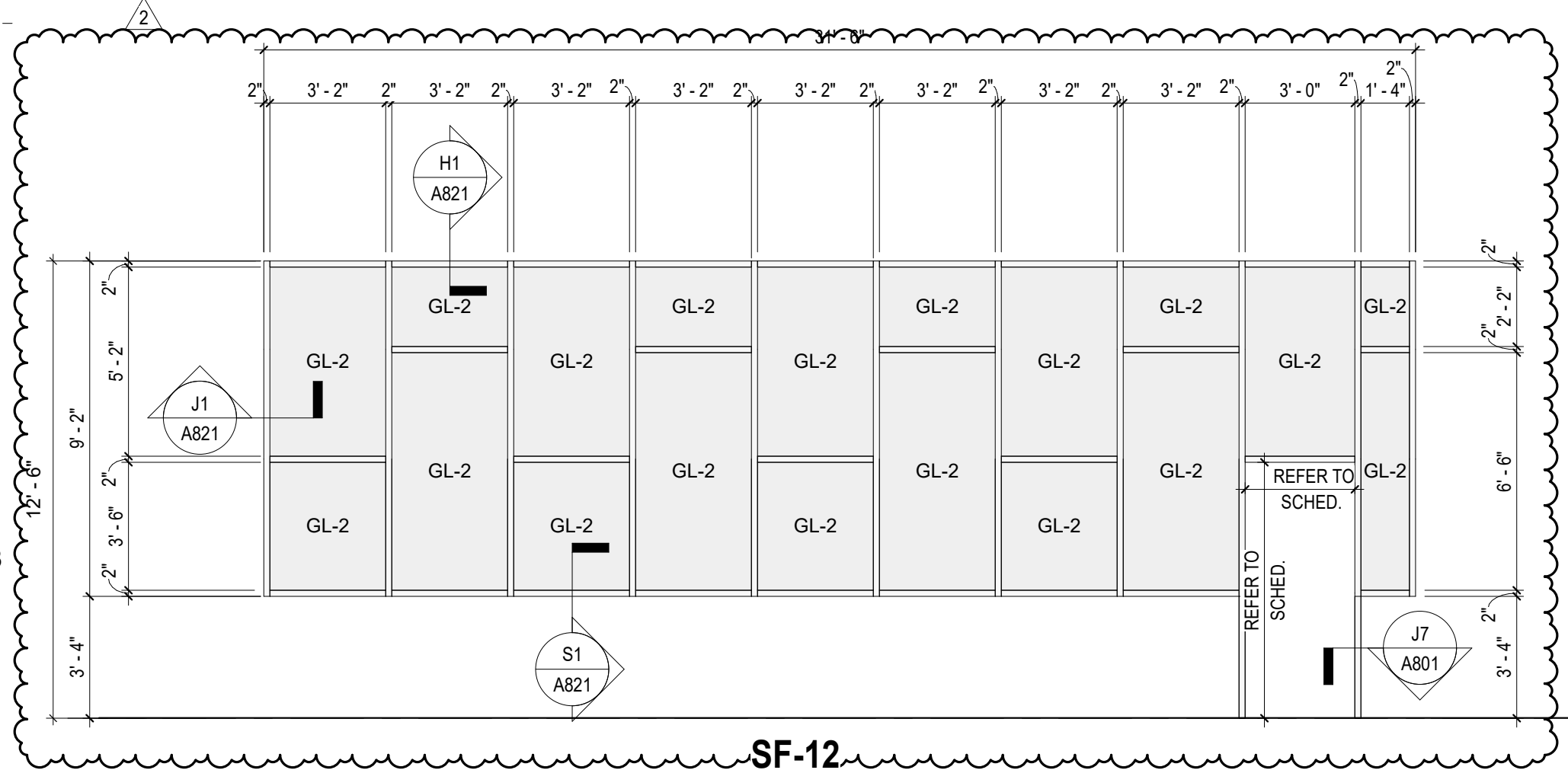


SF-10

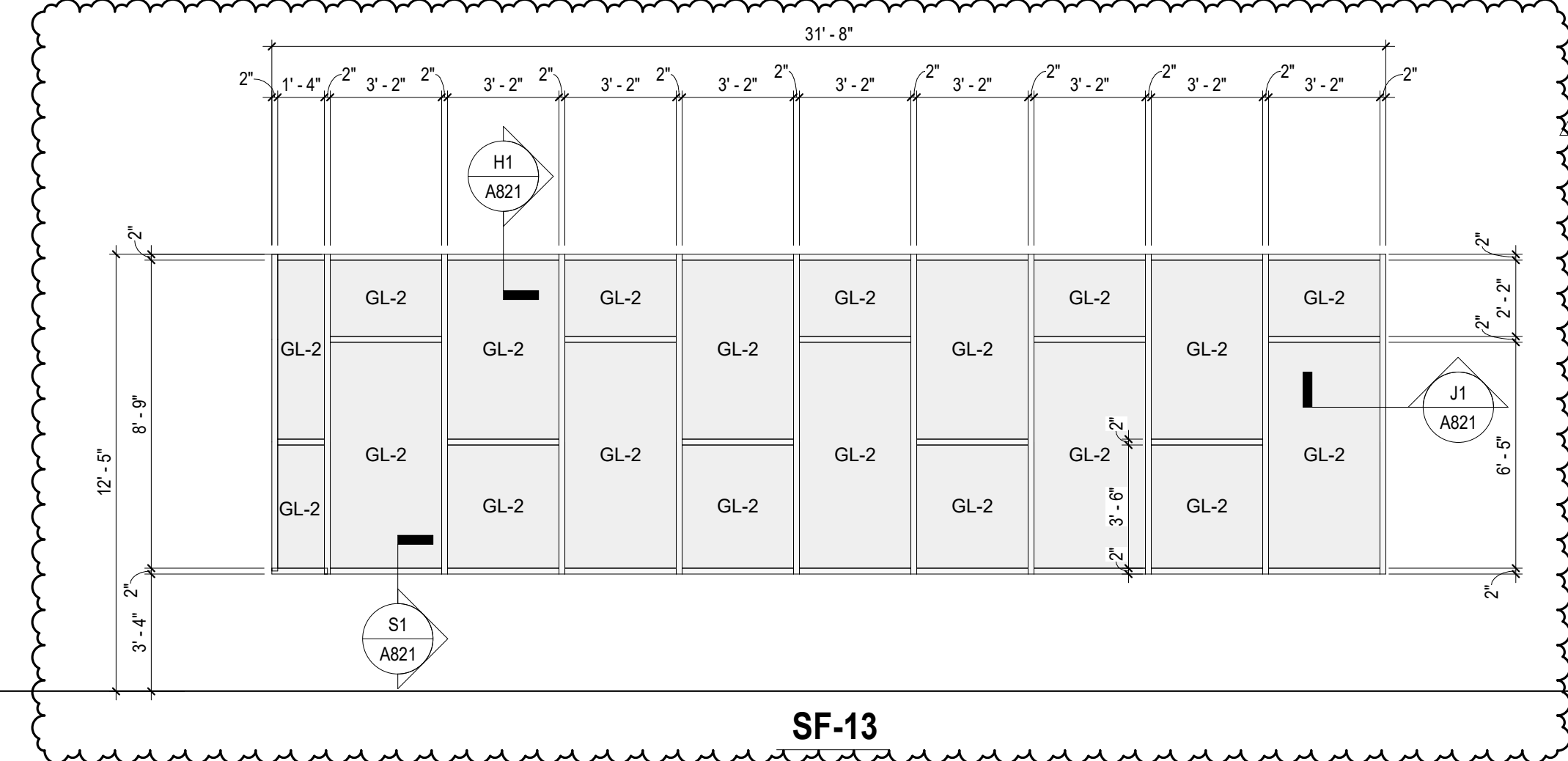


SF-11

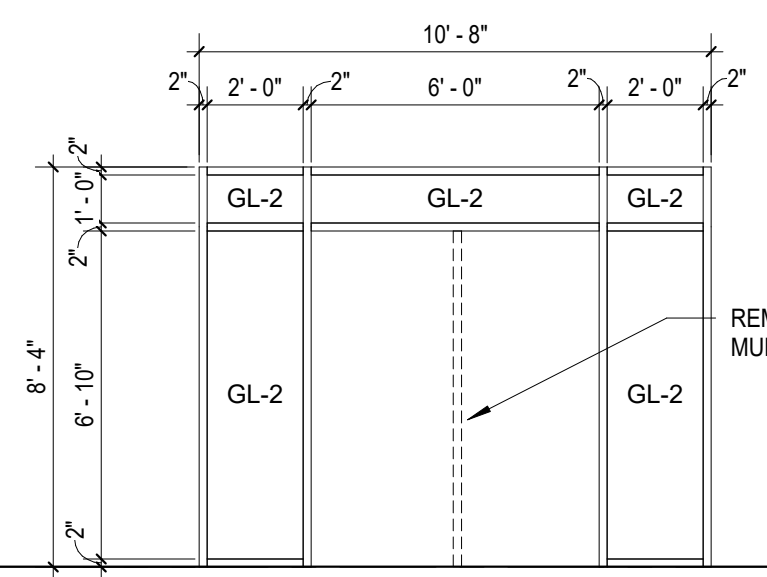
NOT USED



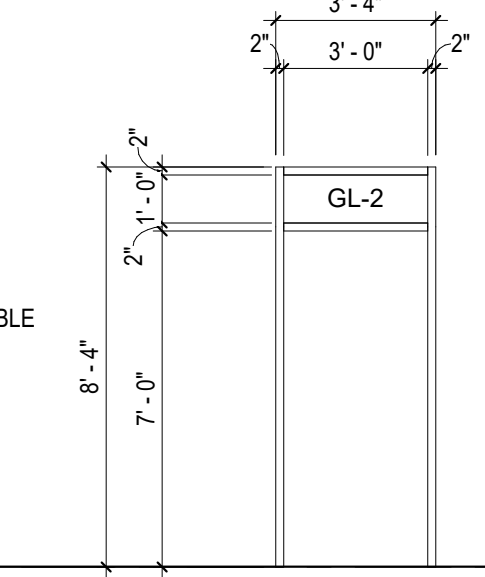
SF-12



SF-13



SF-14



SF-15

NOT USED

SF-16

SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

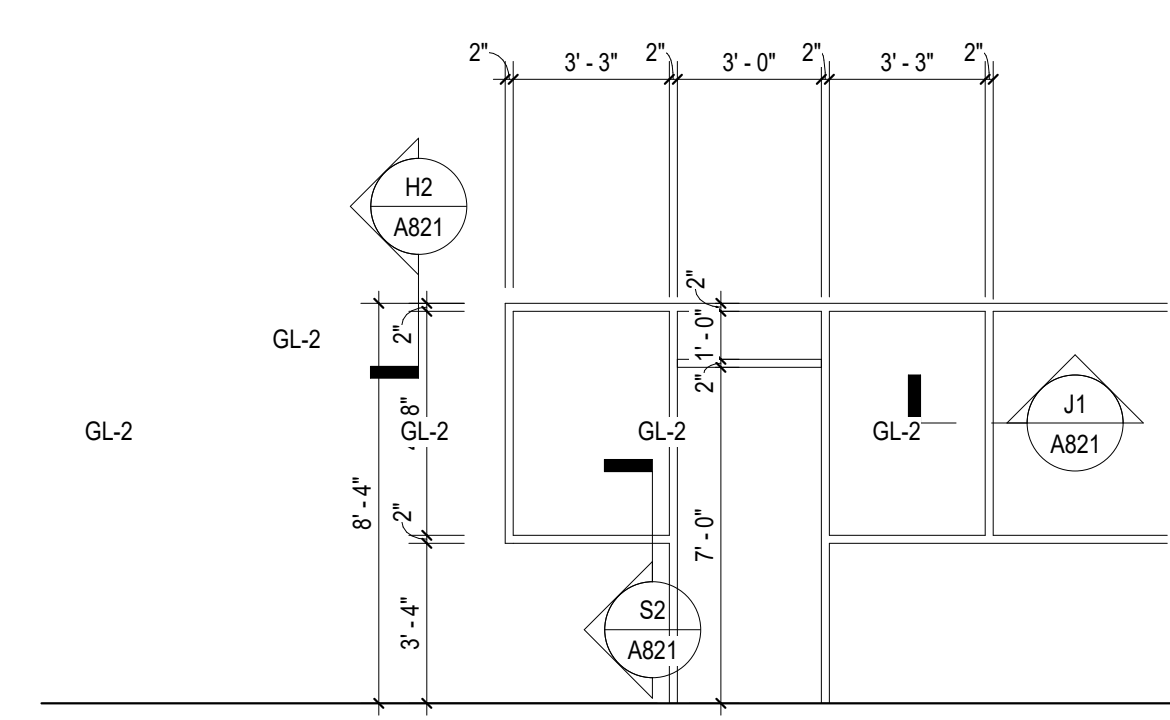
NO.	DATE	DESCRIPTION	BY
2	05/12/2021	Addendum No. 2	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

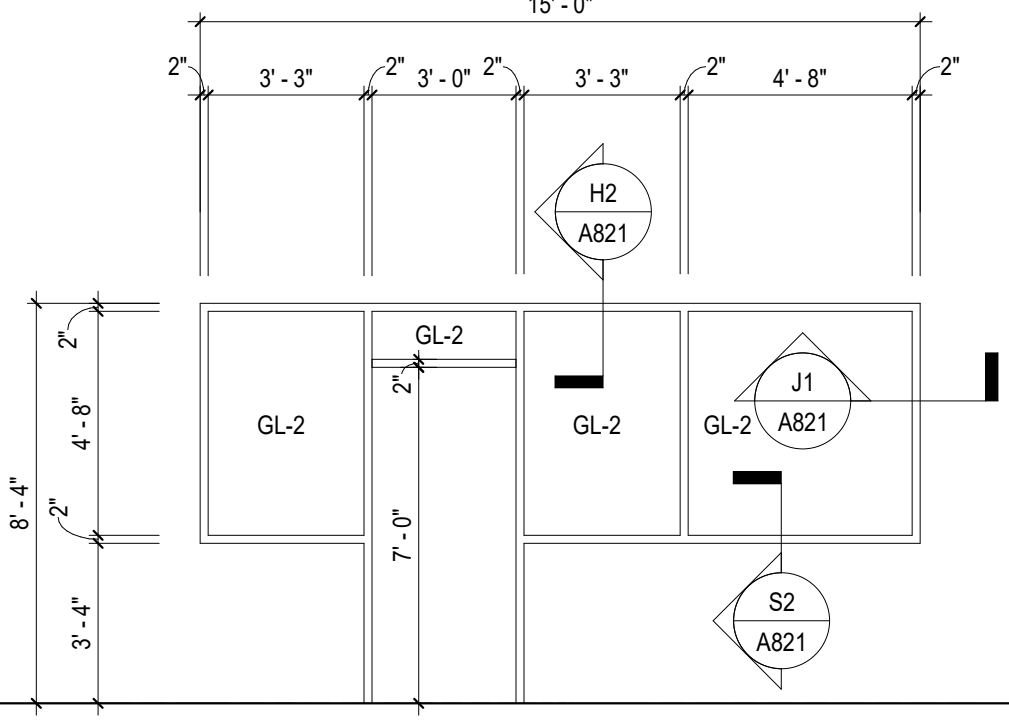
SHEET TITLE:
WINDOW SCHEDULE

SHEET NO. PROJ. NO. 020063.00

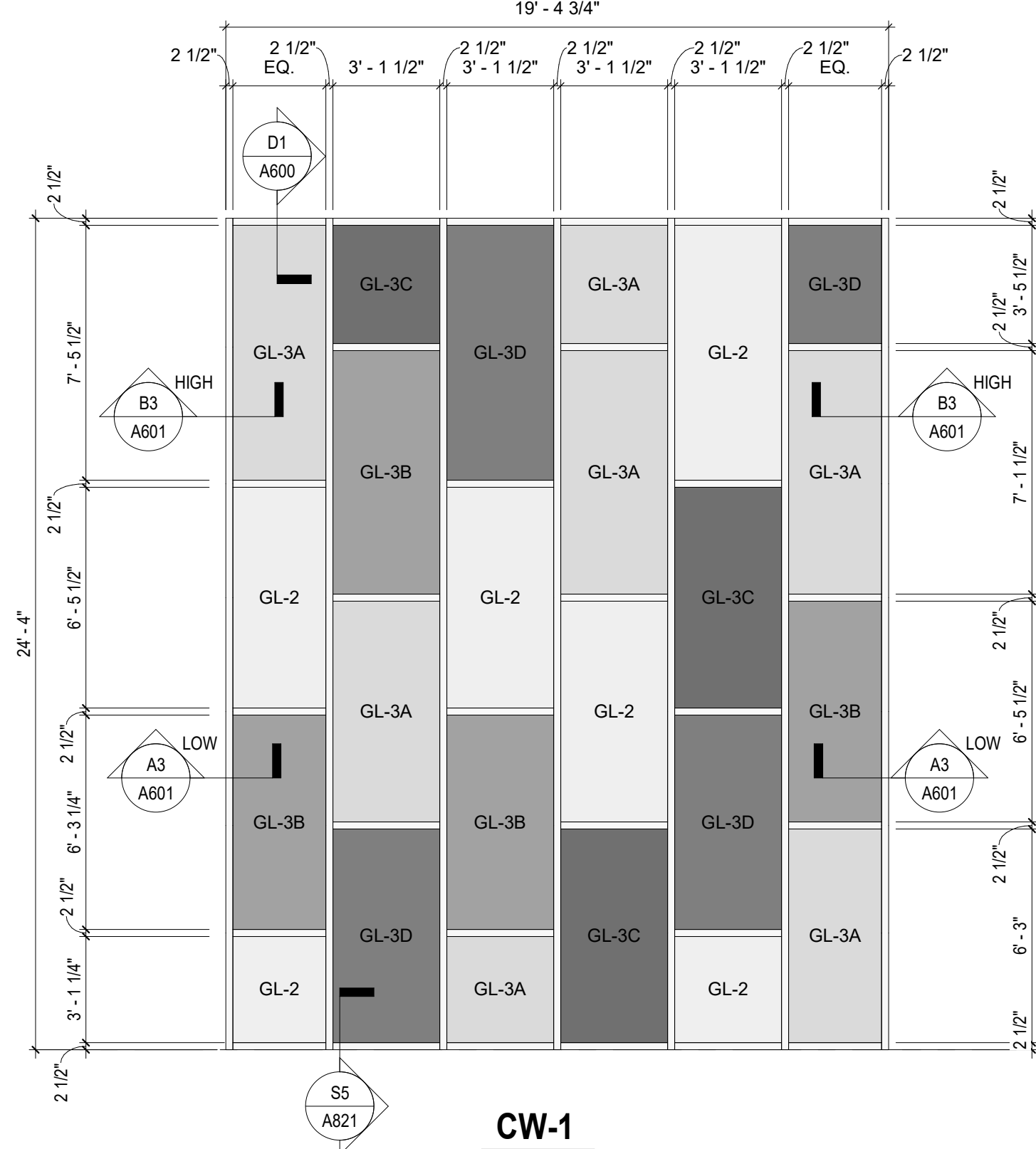
A820



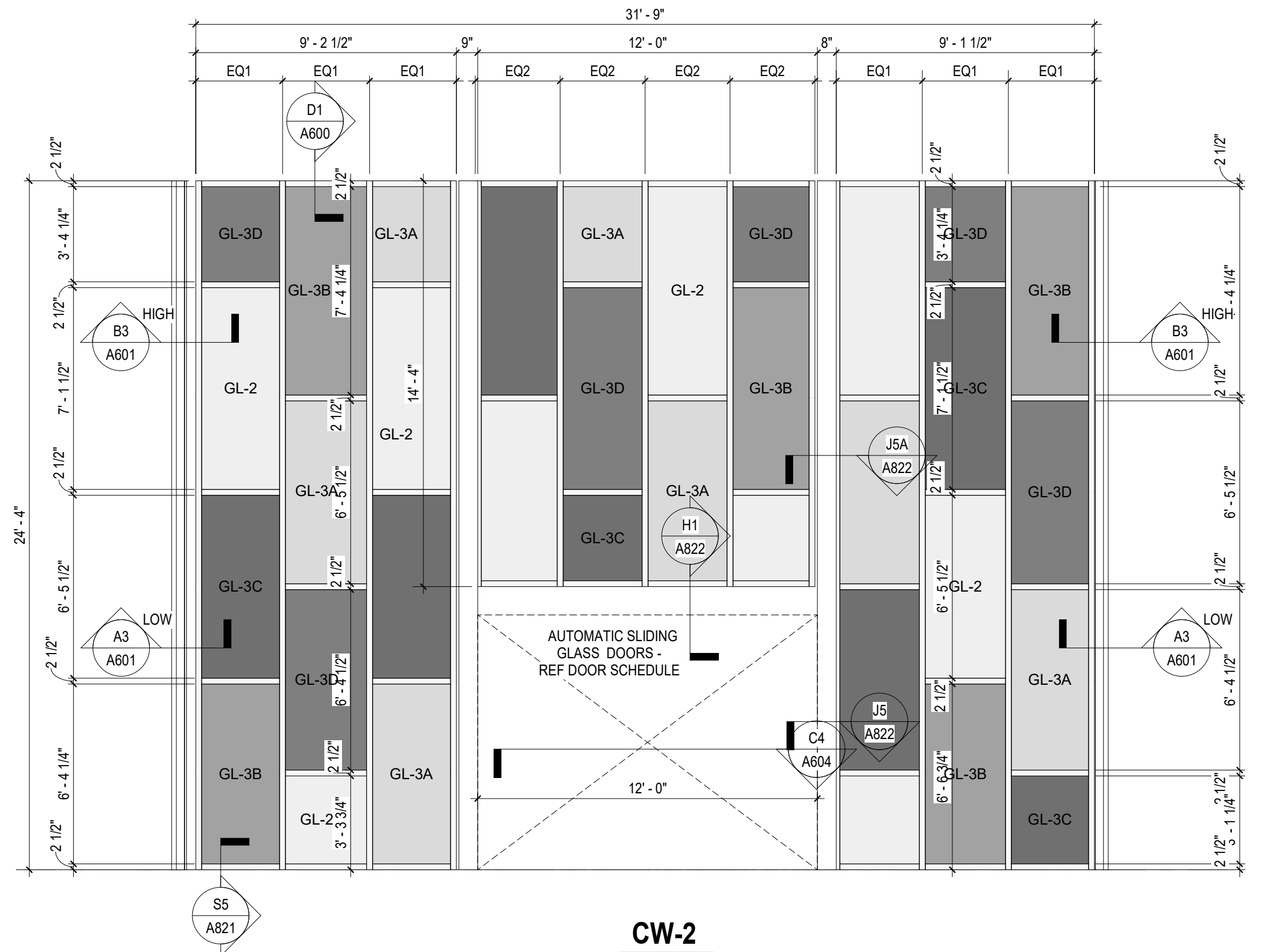
SF-17



SF-18



CW-1



CW-2

ALUMINUM STOREFRONT FRAMES

CURTAIN WALL FRAMES

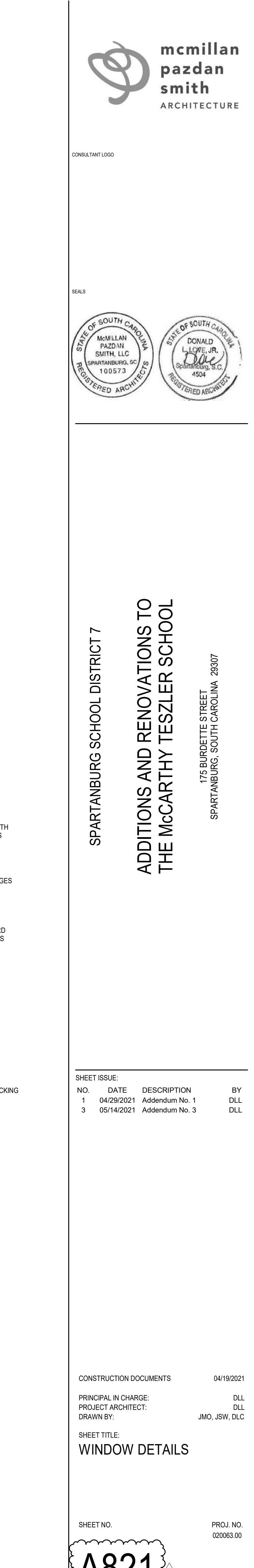
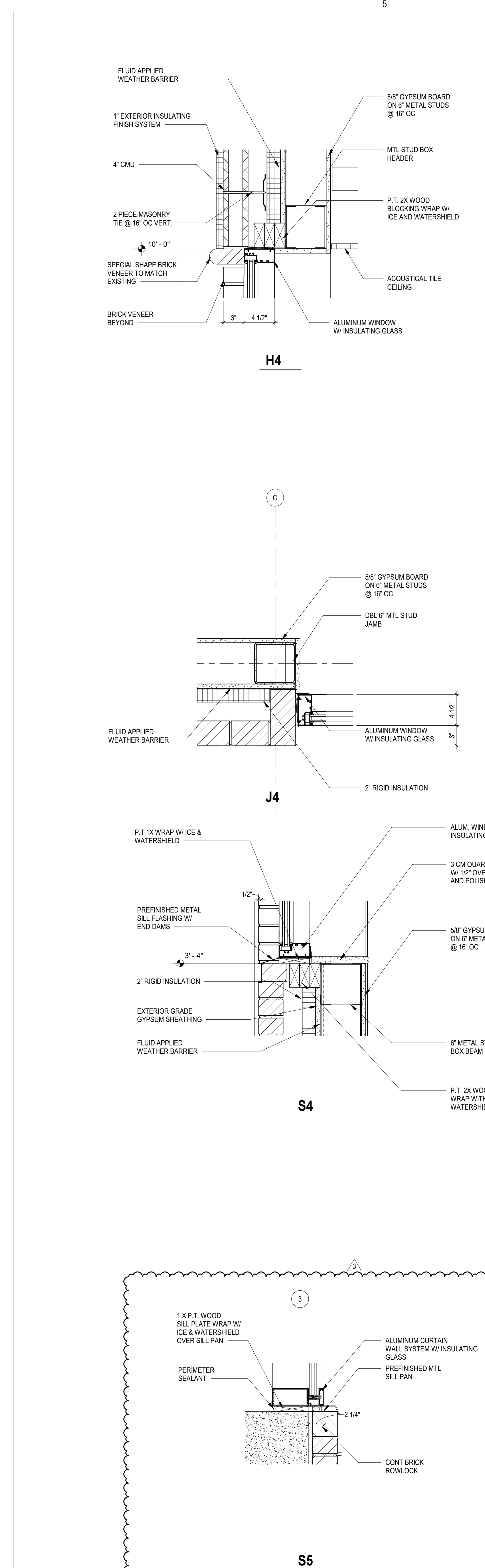
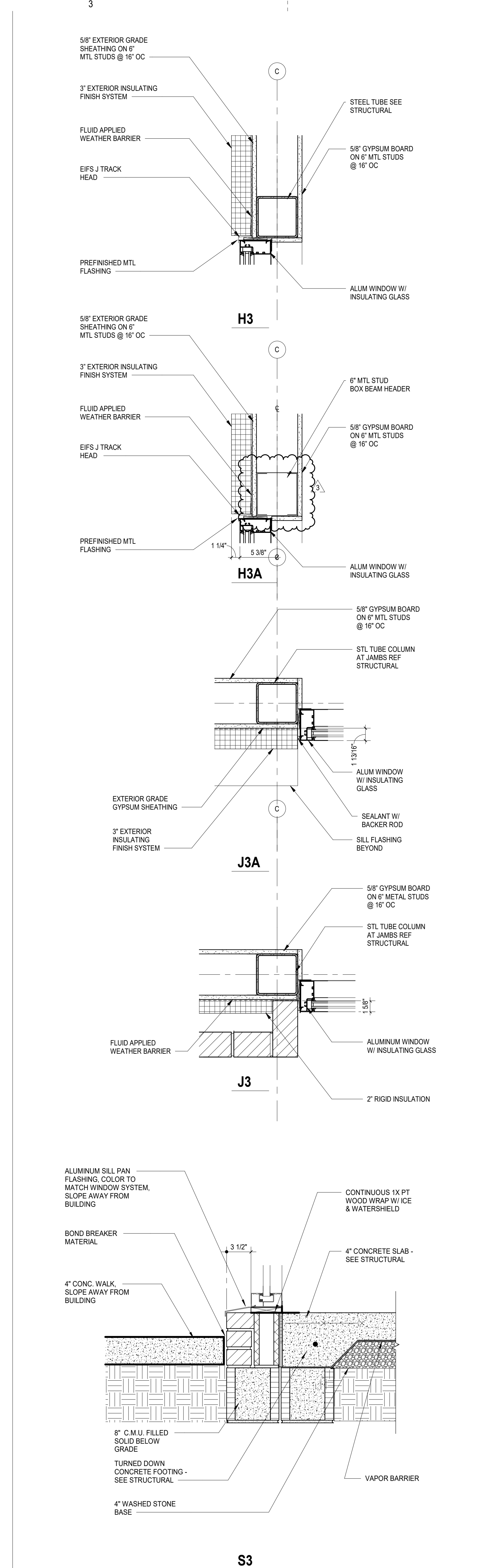
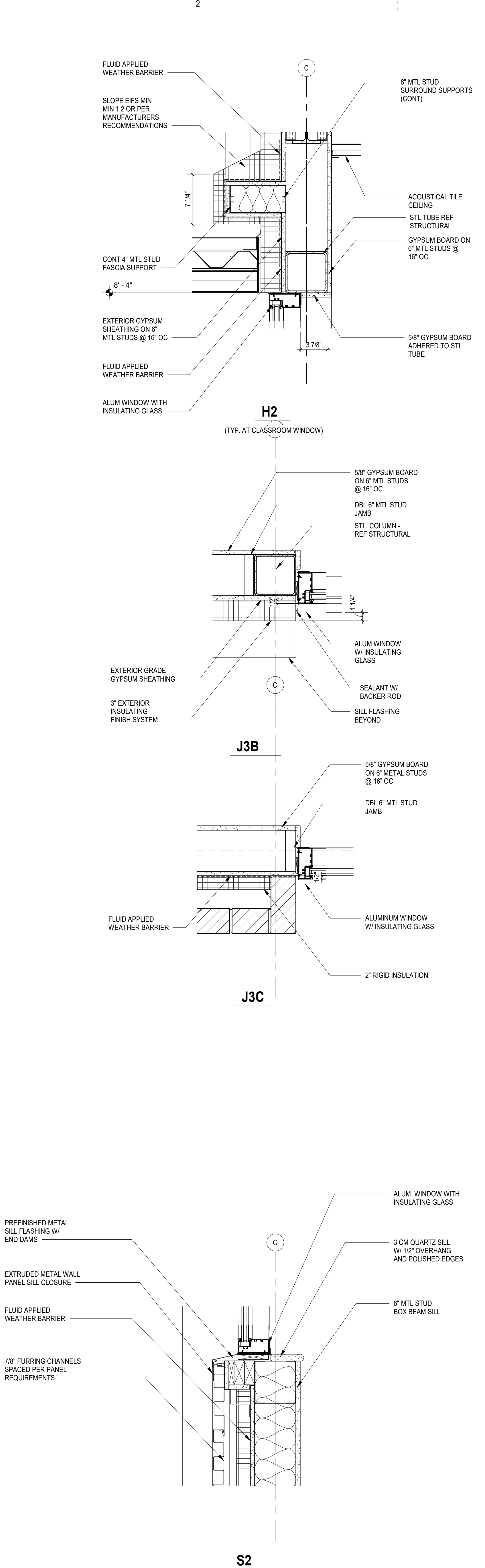
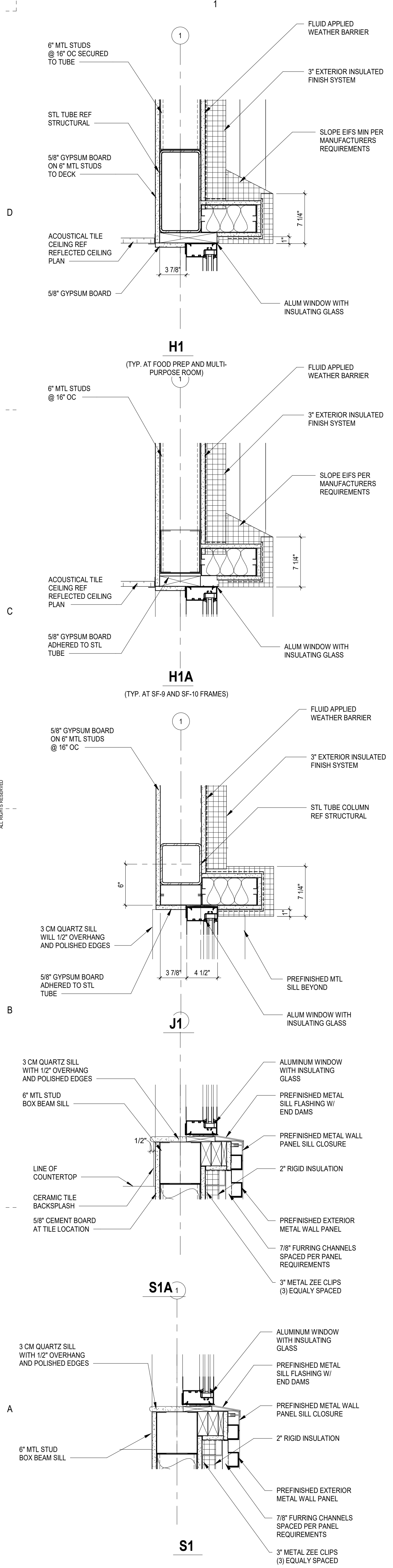
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, D.LC

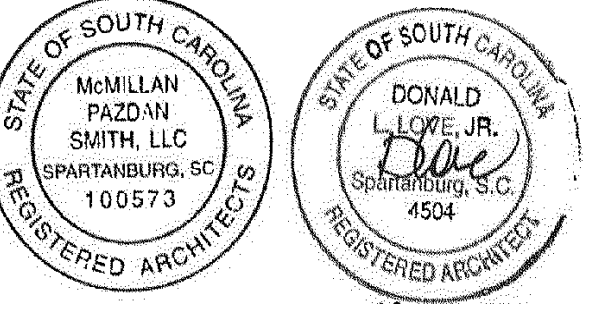
SHEET TITLE:
WINDOW DETAILS

SHEET NO. PROJ. NO.
 020063.00

A821



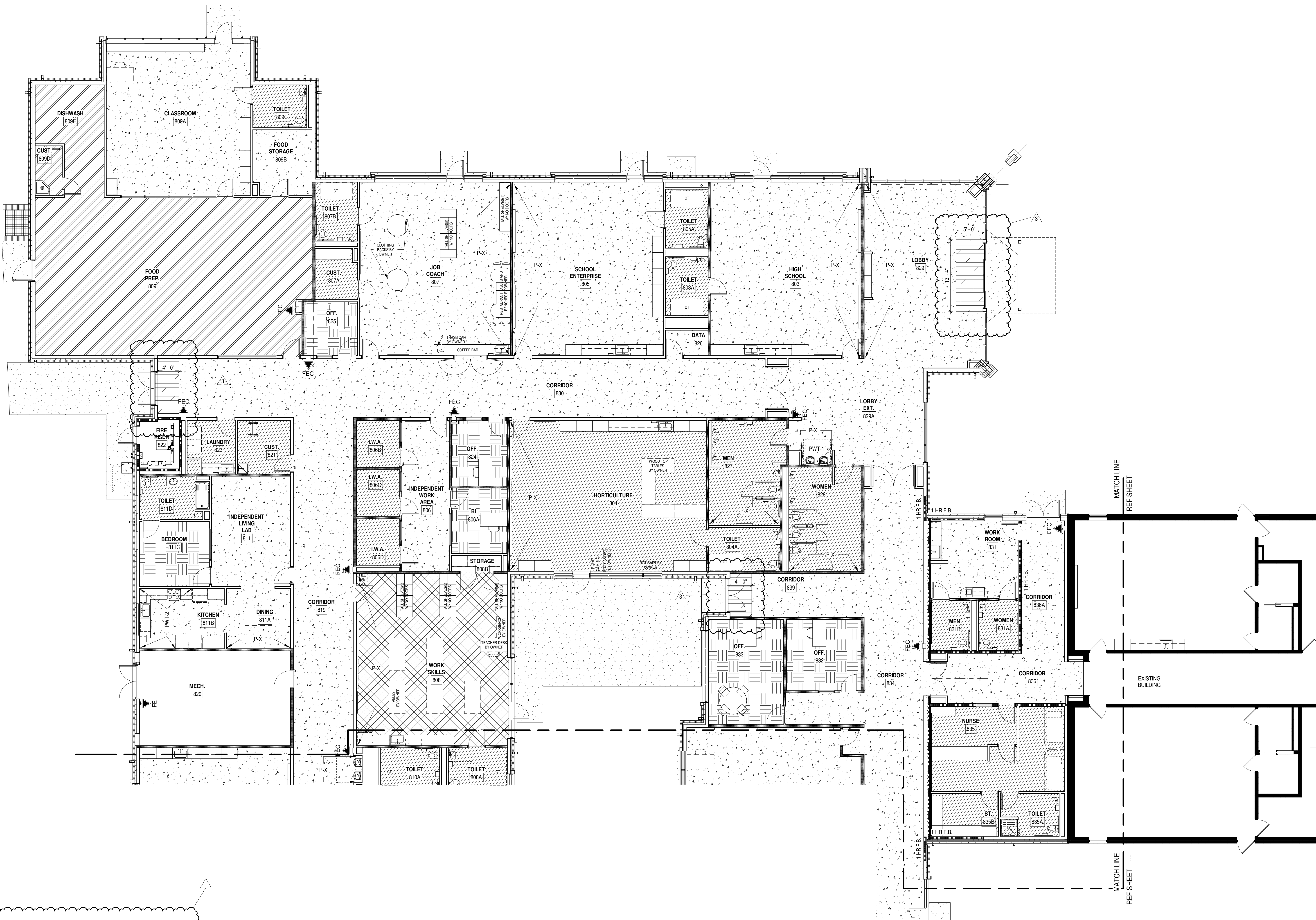
ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH REFERENCE TO THE PROJECT AND SUBJECT MATTER SPECIFICALLY IDENTIFIED HEREIN AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE DRAWINGS.



INTERIOR FINISH LEGEND

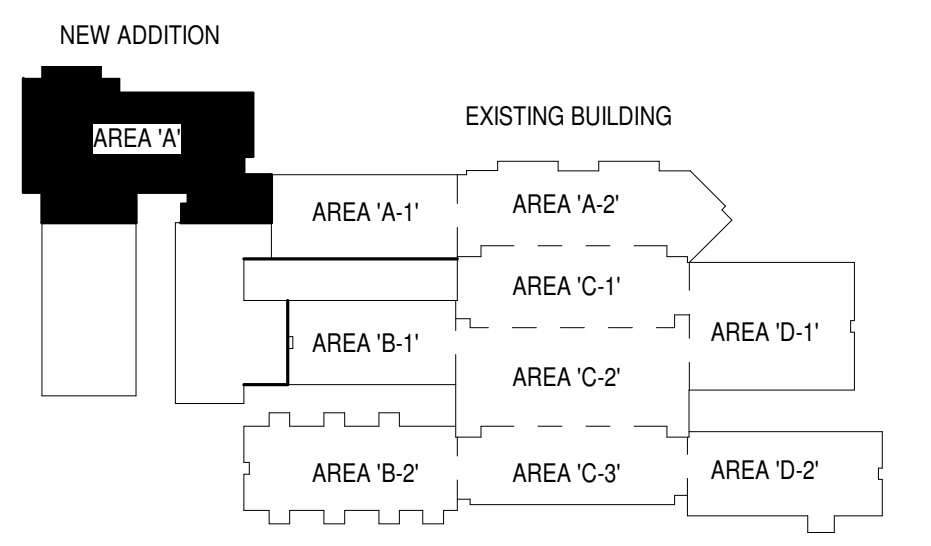
- LVT
- SV
- CPT
- PROTECT ALL
- RT
- SF
- WCPT-1

ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THIS DOCUMENT IS THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



FLOOR PATTERN PLAN - AREA A
1/8" = 1'-0"

KEY PLAN



SPARTANBURG SCHOOL DISTRICT 7
**ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL**
 125 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

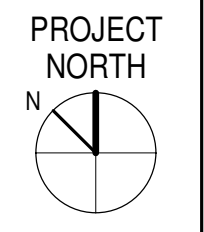
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL

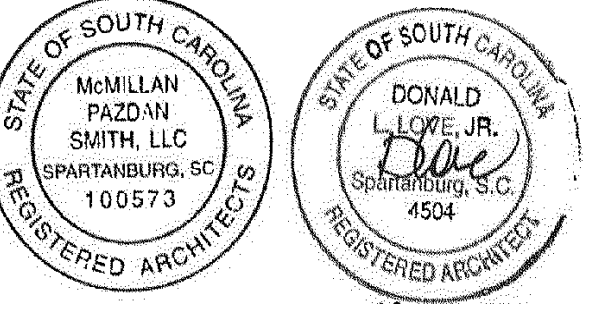
CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, D.C.

SHEET TITLE:
**NEW CONSTRUCTION
 FLOOR PATTERN PLAN**

SHEET NO. PROJ. NO. 020063.00

ID102





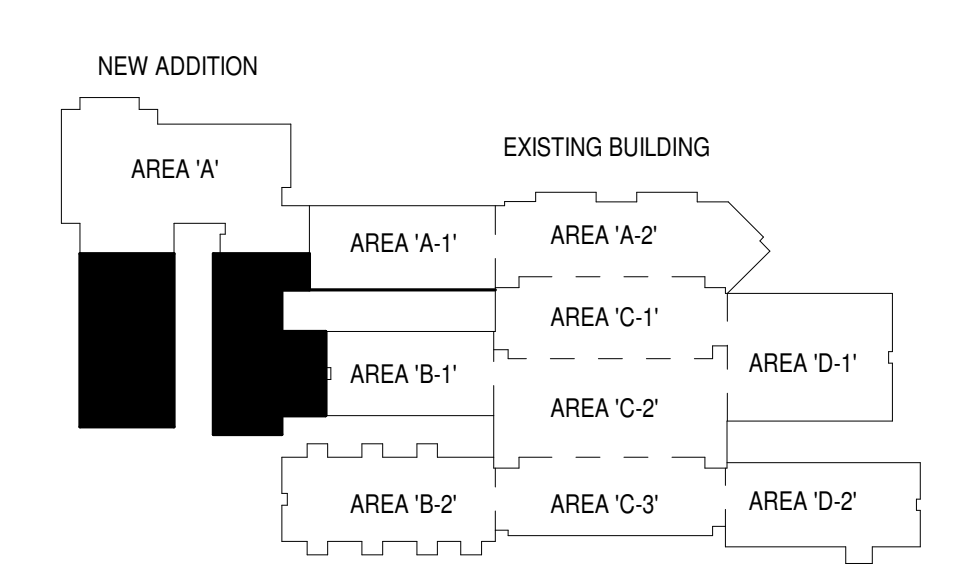
INTERIOR FINISH LEGEND

- LVT
- SV
- CPT
- PROTECT ALL
- RT
- SF
- WCPT-1

ALL DRAWINGS, SPECIFICATIONS AND COPIES HEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THIS DOCUMENT IS THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



KEY PLAN



SPARTANBURG SCHOOL DISTRICT 7
 ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL

125 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DJC

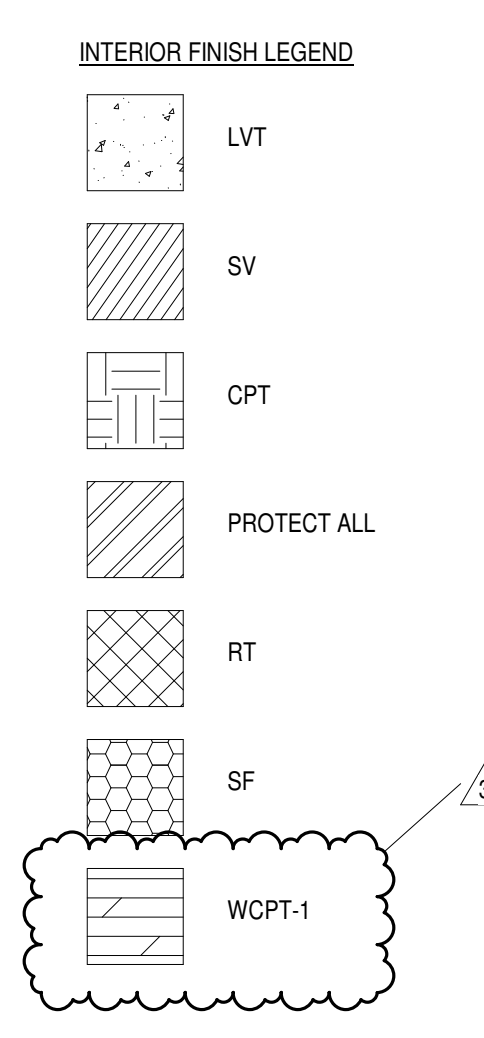
SHEET TITLE:
**NEW CONSTRUCTION
 FLOOR PATTERN PLAN**

SHEET NO. PROJ. NO.
 020063.00

1
 FLOOR PATTERN PLAN - AREA A CONT.
 1/8" = 1'-0"

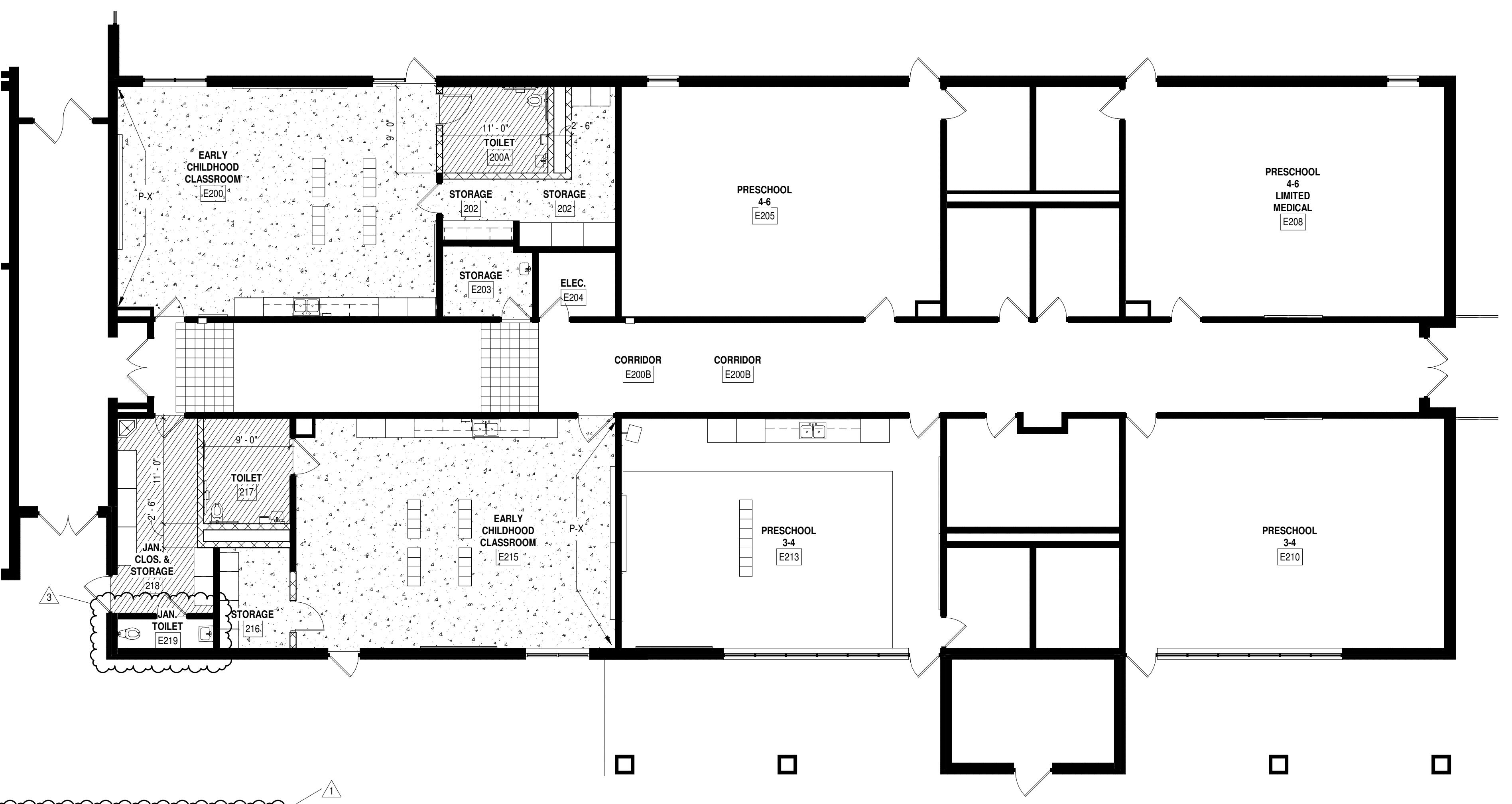
ID103

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THIS FIRM. THE PROJECT ARCHITECT DOES NOT WARRANT OR REPRESENT THAT THE INFORMATION CONTAINED HEREIN IS COMPLETE, ACCURATE, OR CURRENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY OMISSIONS, ERRORS, OR MISTAKES IN THIS DOCUMENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY OMISSIONS, ERRORS, OR MISTAKES IN THIS DOCUMENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY OMISSIONS, ERRORS, OR MISTAKES IN THIS DOCUMENT.



mcmillan pazdan smith ARCHITECTURE
 CONSULTANT LOGO
 SEALS

2 FIRST FLOOR PLAN - EXISTING
 ID104 1/8" = 1'-0"

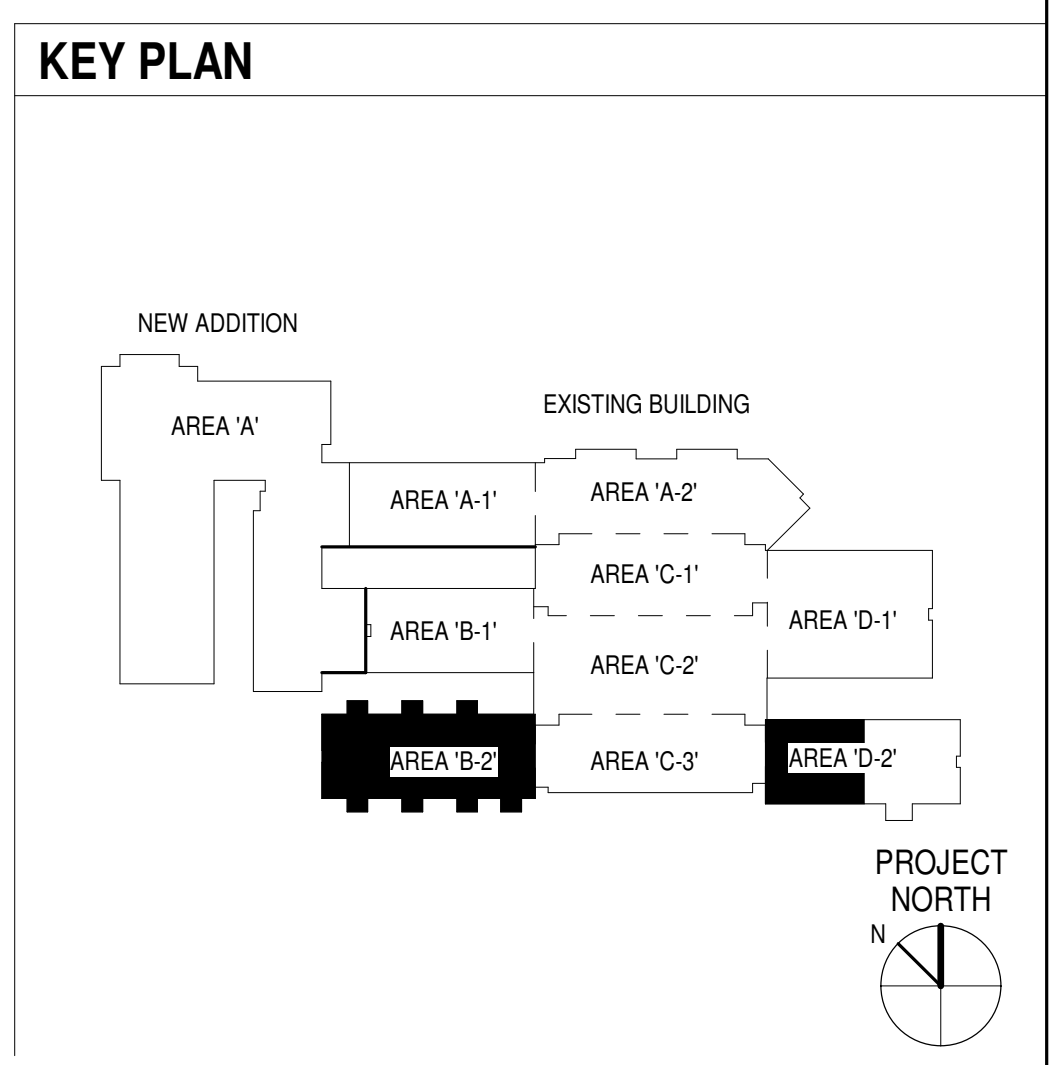


1 FIRST FLOOR PLAN - EXISTING
 ID104 1/8" = 1'-0"

SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
 125 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

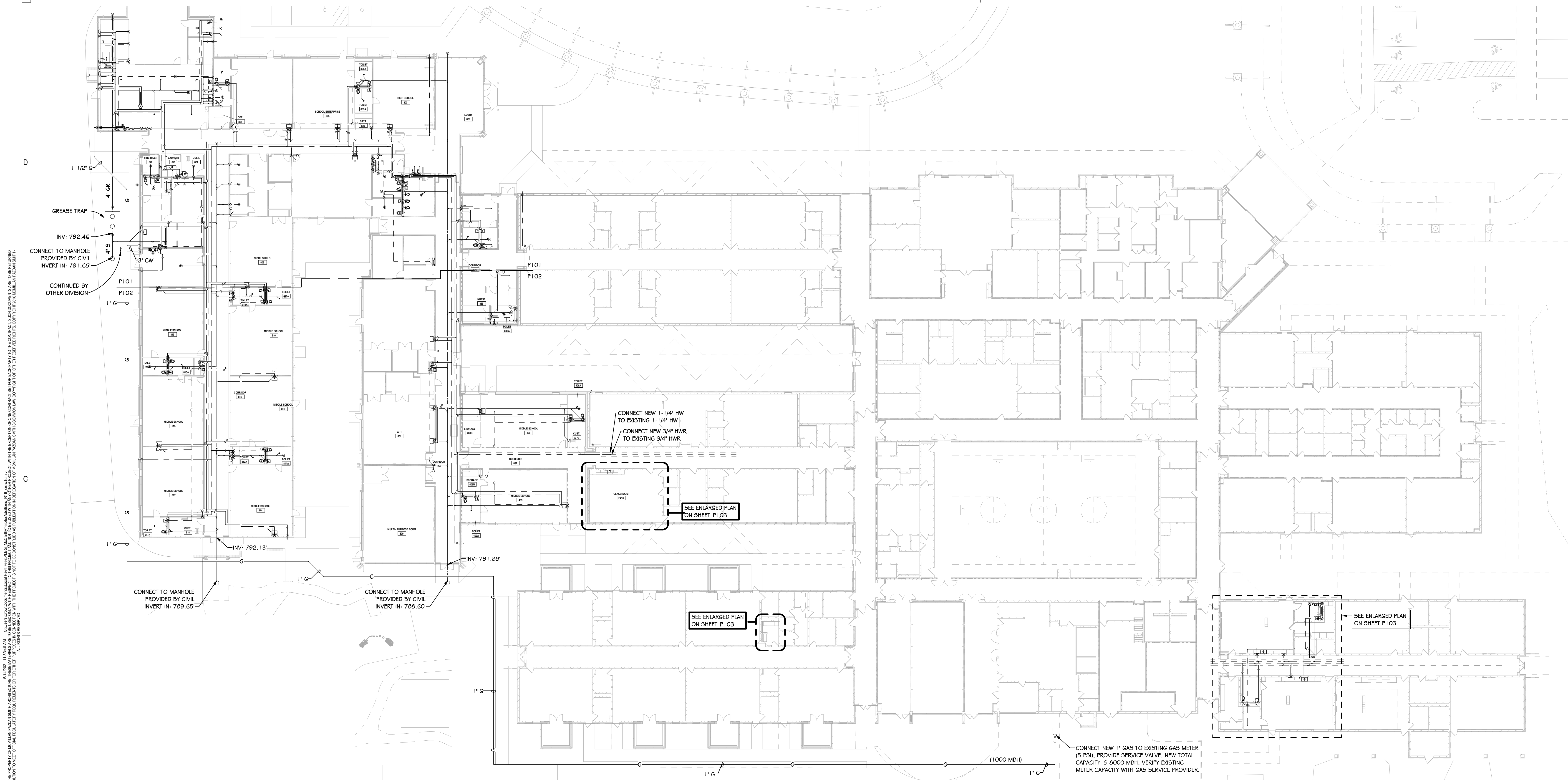
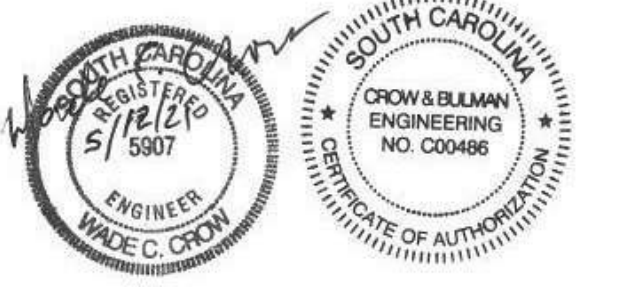
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
3	05/14/2021	Addendum No. 3	DLL



CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC
 SHEET TITLE:
EXISTING BUILDING FLOOR PATTERN PLAN
 SHEET NO. PROJ. NO. 020063.00

ID104



OVERALL PLUMBING PLAN
1" = 20'-0"

SYMBOLS

- SEWER OR WASTE
- - - - VENT (OR EXIST. PIPE IF NOTED)
- POTABLE COLD WATER (CW)
- - - - POTABLE HOT WATER (HW)
- - - - HOT WATER PUMPED RETURN
- DRAIN
- ⊕ BALL VALVE
- ⊕ GATE VALVE
- UNION
- ⊕ CHECK VALVE
- ⊕ GLOBE VALVE
- VB VALVE BOX
- CO CLEANOUT
- FD FLOOR DRAIN
- G— NATURAL GAS
- HB HOSE BIBB
- WH WALL HYDRANT
- VTR VENT THRU ROOF
- SA SHOCK ABSORBER
- HD HUB DRAIN
- FS FLOOR SINK
- O/H OVER HEAD
- U/G UNDERGROUND
- DI DUCTILE IRON
- AAV AIR ADMITTANCE VALVE

GENERAL NOTES:

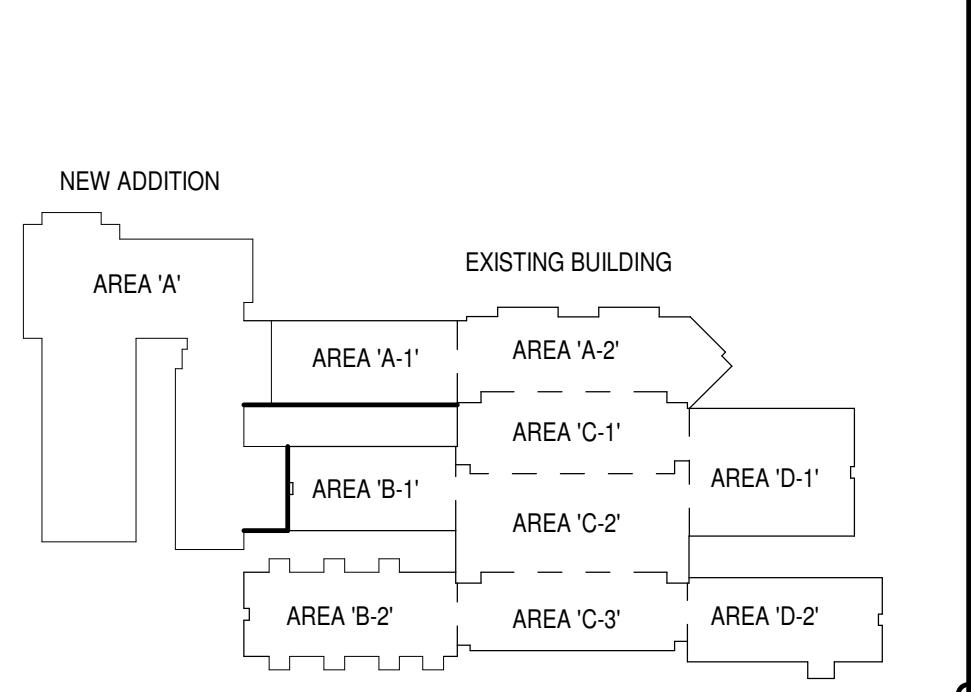
1. ALL SEWER FLOOR CLEAN-OUTS SHALL TURN UP TO GRADE/SLAB WITH A LONG SWEEP ELL.
2. OUTSIDE CLEAN-OUTS SHALL BE SET IN A 4" DEEP CONCRETE PAD. SEE SPECS.
3. ALL FLOOR DRAINS, HUB DRAINS, AND A/C CONDENSATE DRAINS SHALL HAVE DEEP SEAL TRAPS (MINIMUM 4" SEAL).
4. ALL WATER CLOSETS SHALL HAVE HYDRAULIC SHOCK ABSORBERS; REFER TO SPECS FOR SIZE. MOUNT EACH SHOCK ABSORBER ON A RISER AND ACCESSIBLE FROM THE CEILING SPACE.
5. FIRE PROOF ALL PIPE PENETRATIONS OF A FIRE WALL. SEE DETAILS ON P300.
6. INSULATE P-TRAP AND HORIZONTAL DRAIN LINES ABOVE CEILING THAT RECEIVE THE CONDENSATE FROM HVAC EQUIPMENT (SEE SPECIFICATIONS).
7. DO NOT INSTALL PLUMBING VENTS WITHIN 10' FROM A FRESH AIR INTAKE VENT.
8. MECHANICAL ROOMS: COORDINATE THE EXACT LOCATION OF MECHANICAL ROOM FLOOR DRAINS WITH MECHANICAL CONTRACTOR AND G.C. TO AVOID EQUIPMENT AND CONCRETE PADS.
9. WHERE SEWER LINES ARE ROUTED BELOW THE STRUCTURAL FOOTINGS OR THROUGH FOUNDATION WALLS, PROVIDE A DUCTILE IRON PIPE SLEEVE BELOW THE FOOTING. THE SLEEVE SHALL BE A MINIMUM 2 PIPE SIZES LARGER THAN THE PIPE PASSING BELOW THE FOOTING.
10. WHERE UNDER SLAB OR BELOW GRADE PLUMBING LINES PENETRATE A FOOTING WALL OR ANY VERTICAL WALL OR WHERE PLUMBING LINES EXTEND THROUGH FLOOR SLABS AND OR THICKENED SLABS, THE PLUMBING LINE SHALL BE INSULATED WITH 3/4" THICK ARMAFLEX INSULATION.
11. FOR ALL HUB DRAINS AND/OR FLOOR DRAINS, PROVIDE A FLEXIBLE TRAP SEALER INSERT. (SEE SPECIFICATIONS)
12. THE AIR GAP BETWEEN ALL INDIRECT WASTE PIPES AND THE FLOOD LEVEL RIM OF THE WASTE RECEPTOR SHALL BE MINIMUM TWO PIPE DIAMETERS OF THE INDIRECT WASTE PIPE.
13. PIPE GAS RELIEF VENTS TO OUTSIDE:
BOILERS & WATER HEATERS: (FOR EACH UNIT)
RELIEF VALVES FULL SIZE (EA.); PRV VENT FULL SIZE (EA.); GAS TRIN VENT SHALL BE SIZED AS FOLLOWS:

FUEL LINE DIA.	UP TO 1-1/2"	2"	2-1/2"	3"	4"	5"
VENT LINE DIA.	3/4"	1"	1-1/4"	1-1/4"	2"	2"
14. COORDINATE WELDING/SOLDERING ACTIVITIES WITH THE AUTHORITY HAVING JURISDICTION AND THE G.C. TO CONFIRM THAT APPROPRIATE LIFE SAFETY MEASURES ARE TAKEN AND THE APPROPRIATE PERMITS ARE ACQUIRED

PLUMBING SHEET LIST

- P100 OVERALL PLUMBING PLAN
- P101 AREA 'A' PLUMBING FLOOR PLAN
- P102 AREA 'A' CONTINUED PLUMBING FLOOR PLAN
- P103 EXISTING PLUMBING MODIFICATIONS & NEW SEWER CAMERA TEST
- P200 FOOD PREP PLUMBING PLAN
- P300 PLUMBING SCHEDULES & DETAILS

KEY PLAN



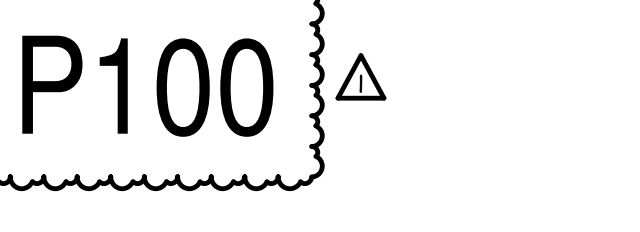
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

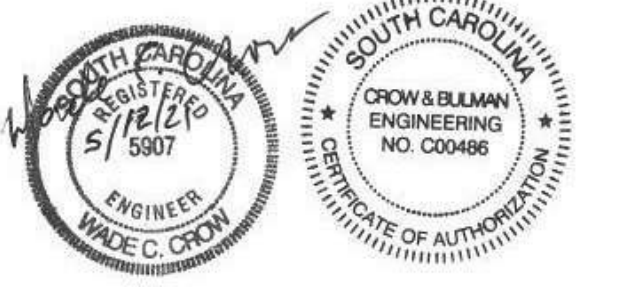
CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: WCC
 PROJECT ENGINEER: WHC, STB, HFC
 DRAWN BY: HFC

SHEET TITLE:
OVERALL PLUMBING PLAN

SHEET NO. PROJ. NO. 2022



ALL DIMENSIONS, SPECIFICATIONS AND NOTES UNLESS OTHERWISE SPECIFIED ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT IS THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY FOR THE PROJECT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT IS THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY FOR THE PROJECT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



SPARTANBURG COUNTY SCHOOL DISTRICT 7

ADDITION AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

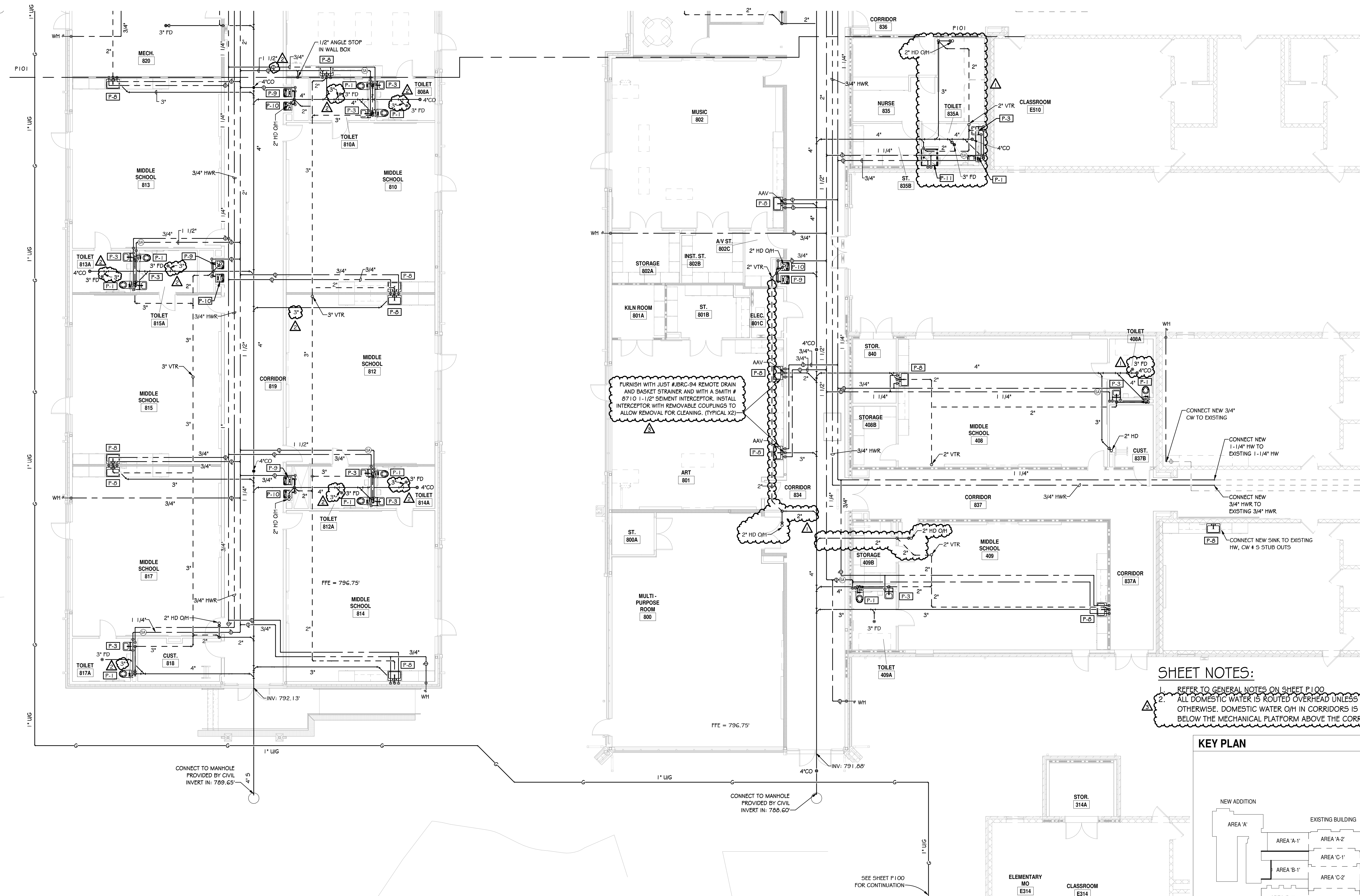
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

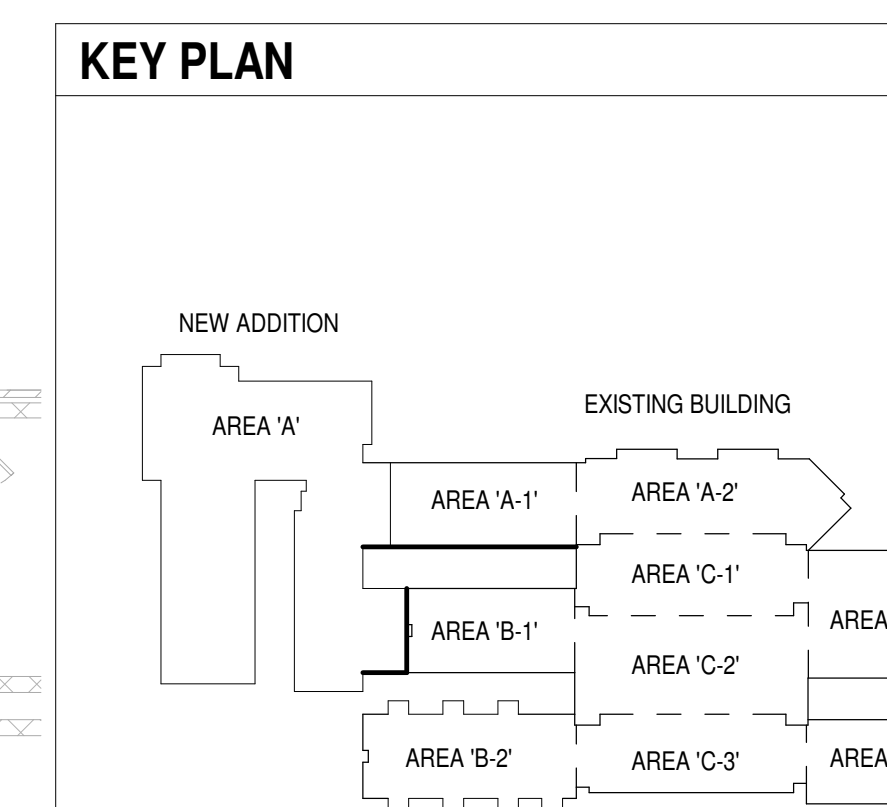
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
AREA 'A' CONTINUED
PLUMBING FLOOR PLAN

SHEET NO. PROJ. NO.
2022

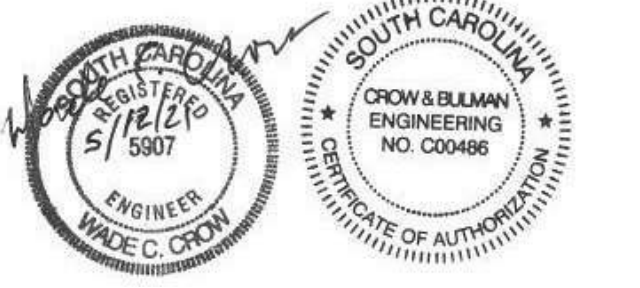


SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET P100
2. ALL DOMESTIC WATER IS ROUTED OVERHEAD UNLESS INDICATED OTHERWISE. DOMESTIC WATER O/H IN CORRIDORS IS ROUTED BELOW THE MECHANICAL PLATFORM ABOVE THE CORRIDOR CEILING.



PLUMBING FLOOR PLAN - AREA 'A' CONTINUED
1/8" = 1'-0"

ALL DIMENSIONS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DIMENSIONS ARE TO BE USED ONLY WITH RESPECT TO THIS PROJECT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE, NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.



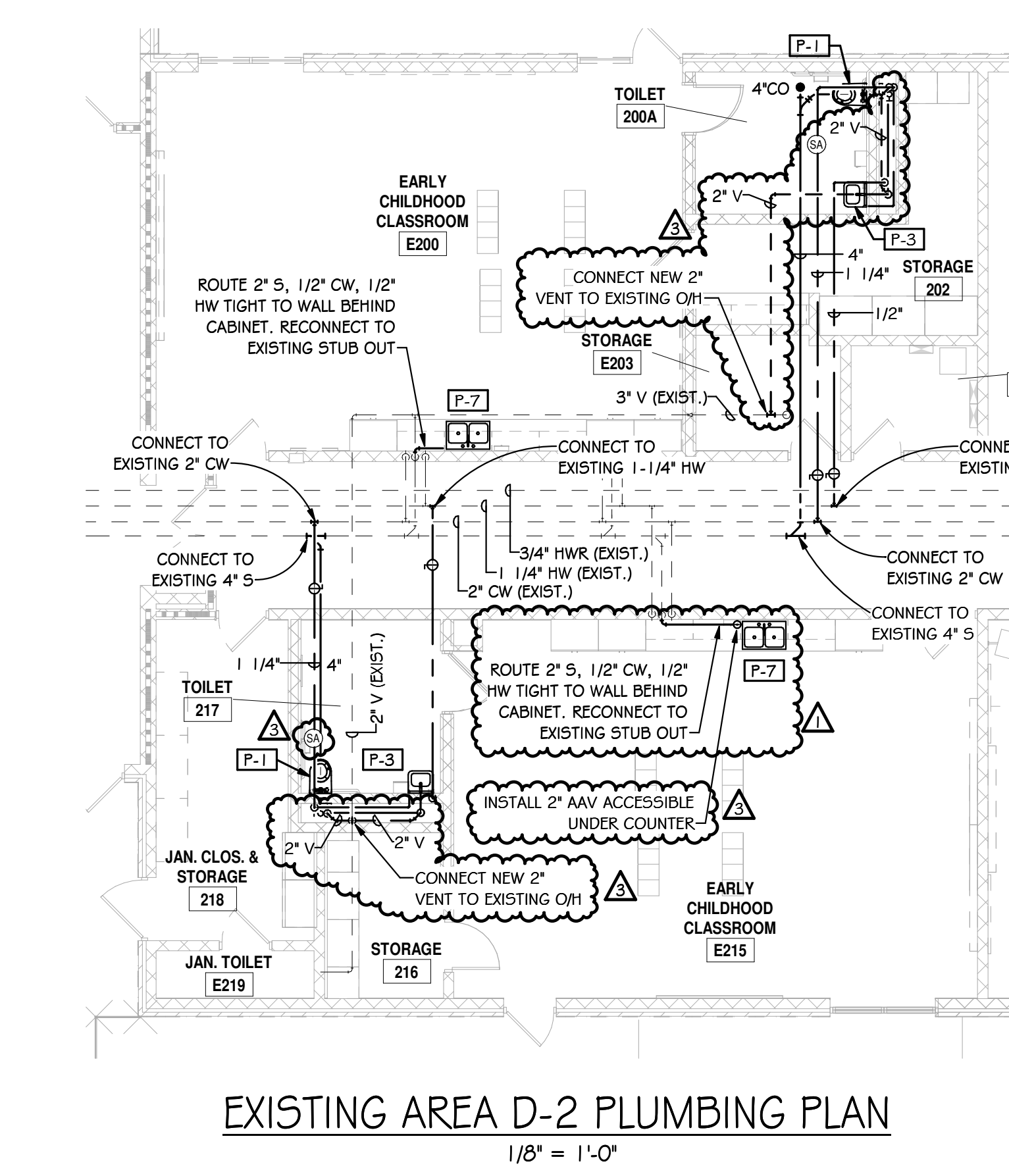
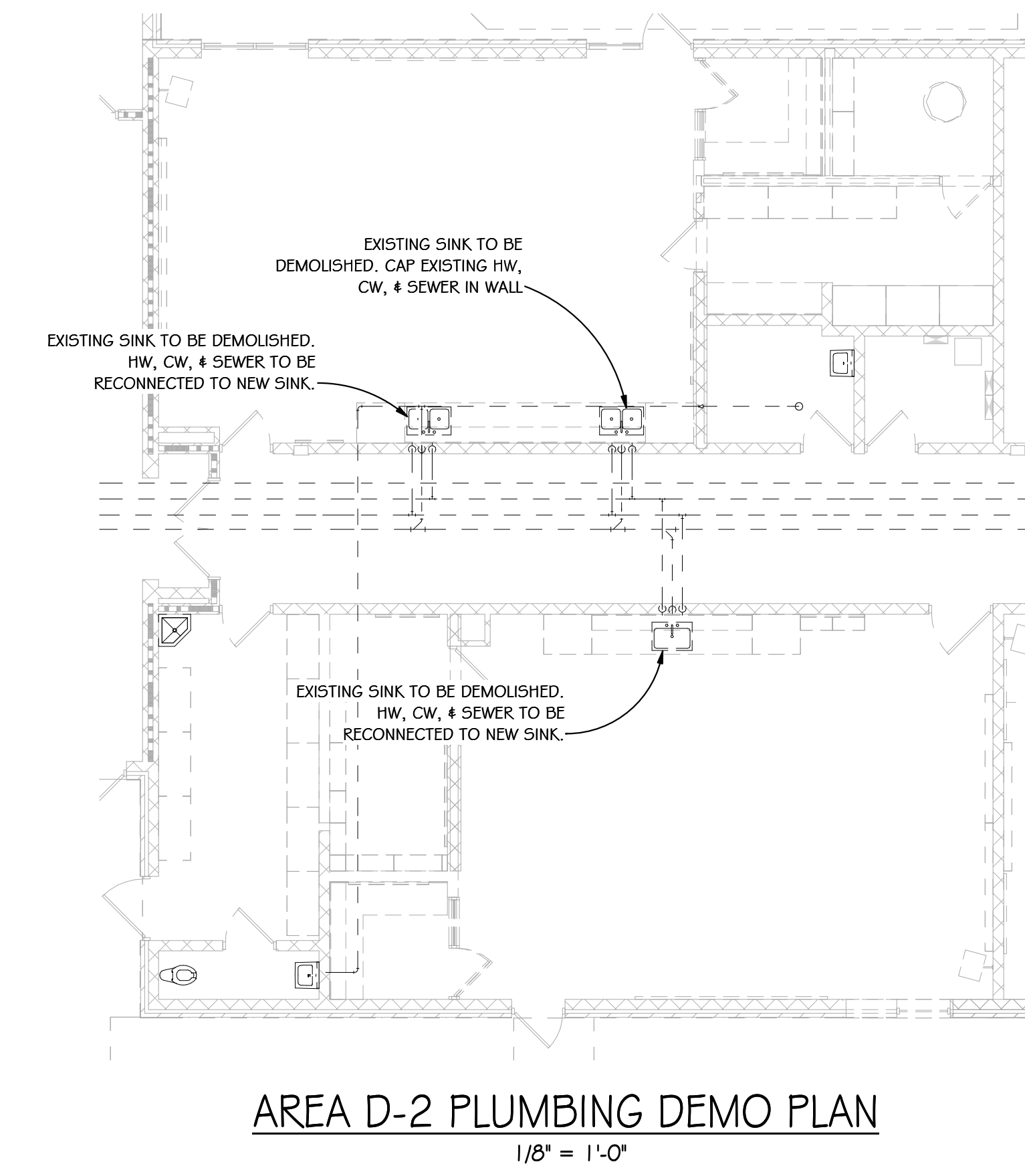
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	WCC
3	05/14/2021	Addendum No. 3	HFC

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
EXISTING PLUMBING
MODIFICATIONS & NEW
SEWER CAMERA TEST

SHEET NO. PROJ. NO.
2022

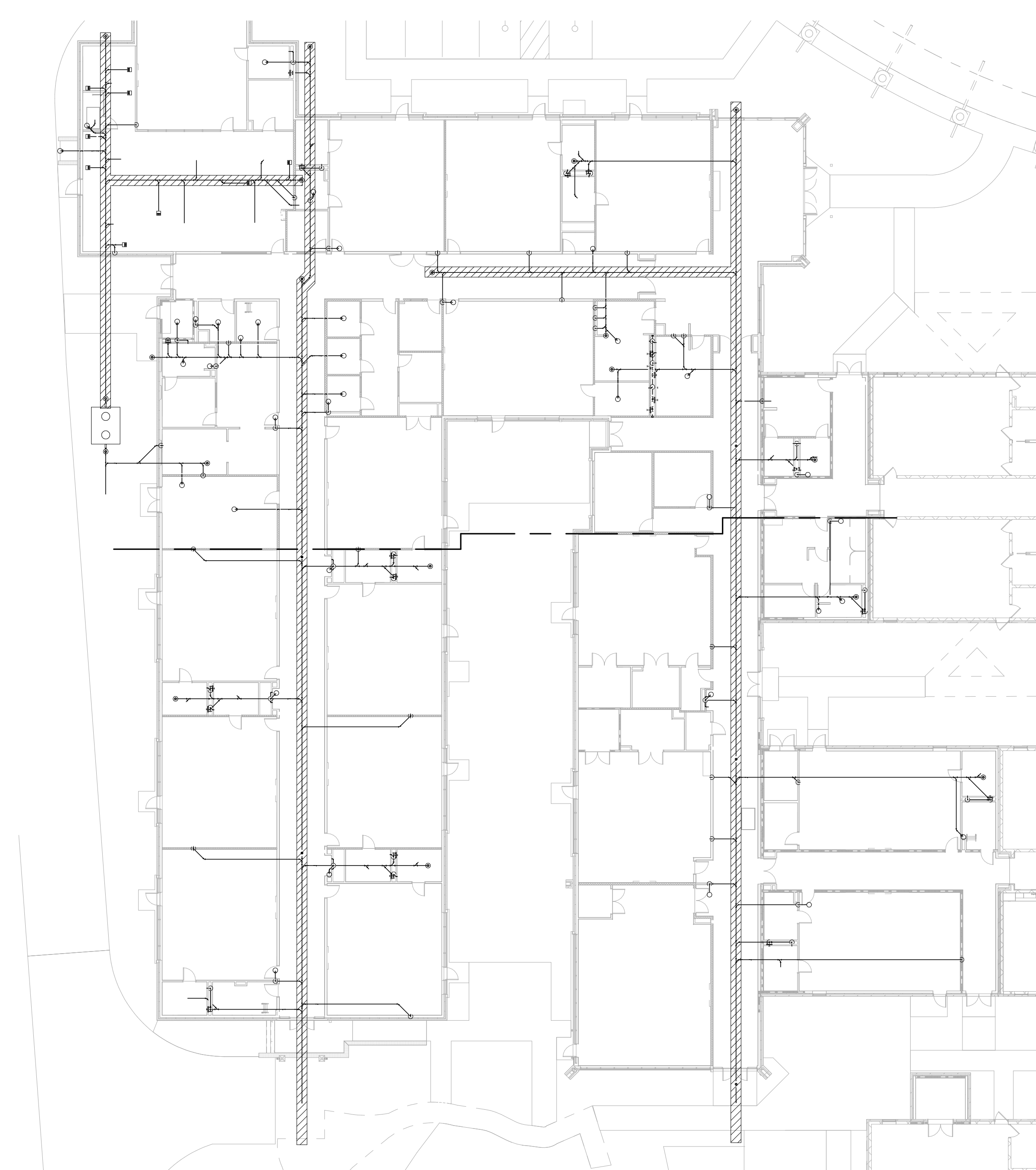
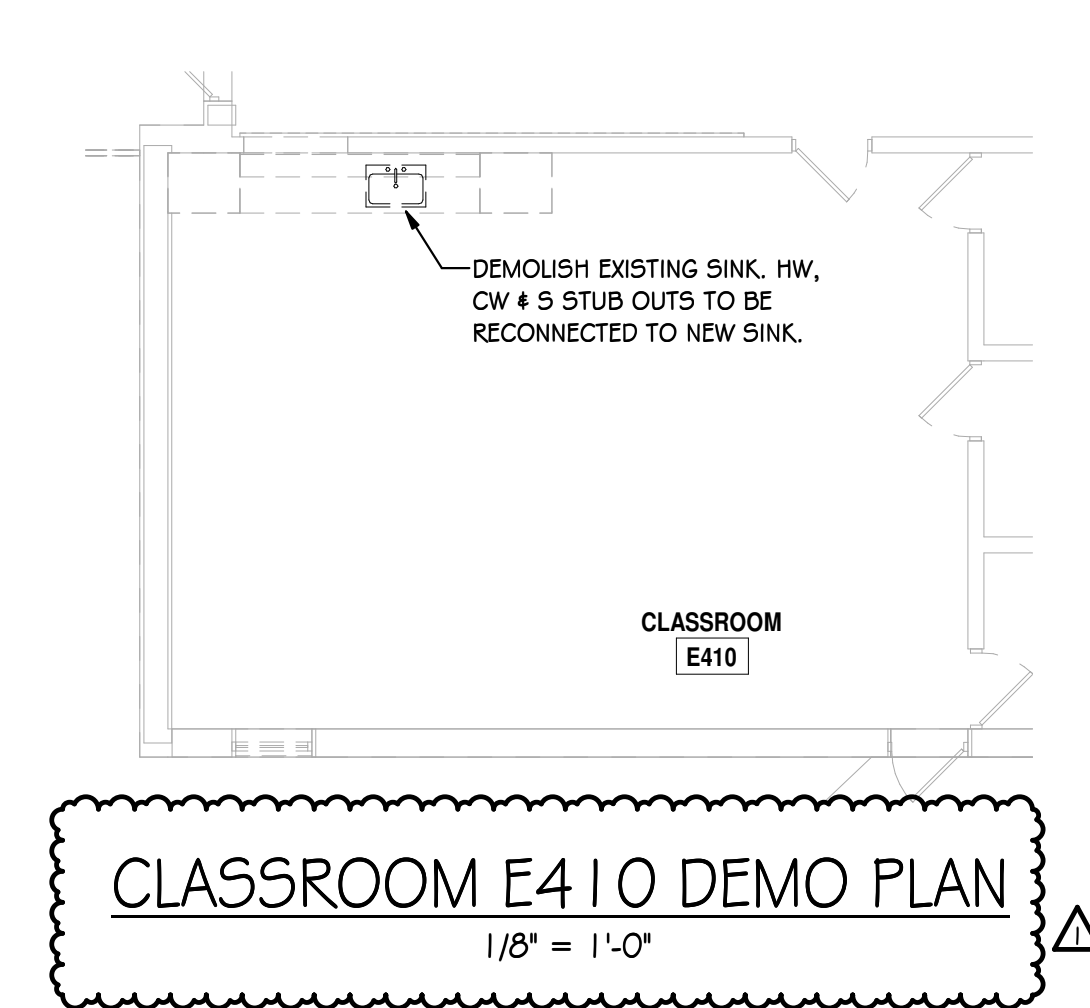
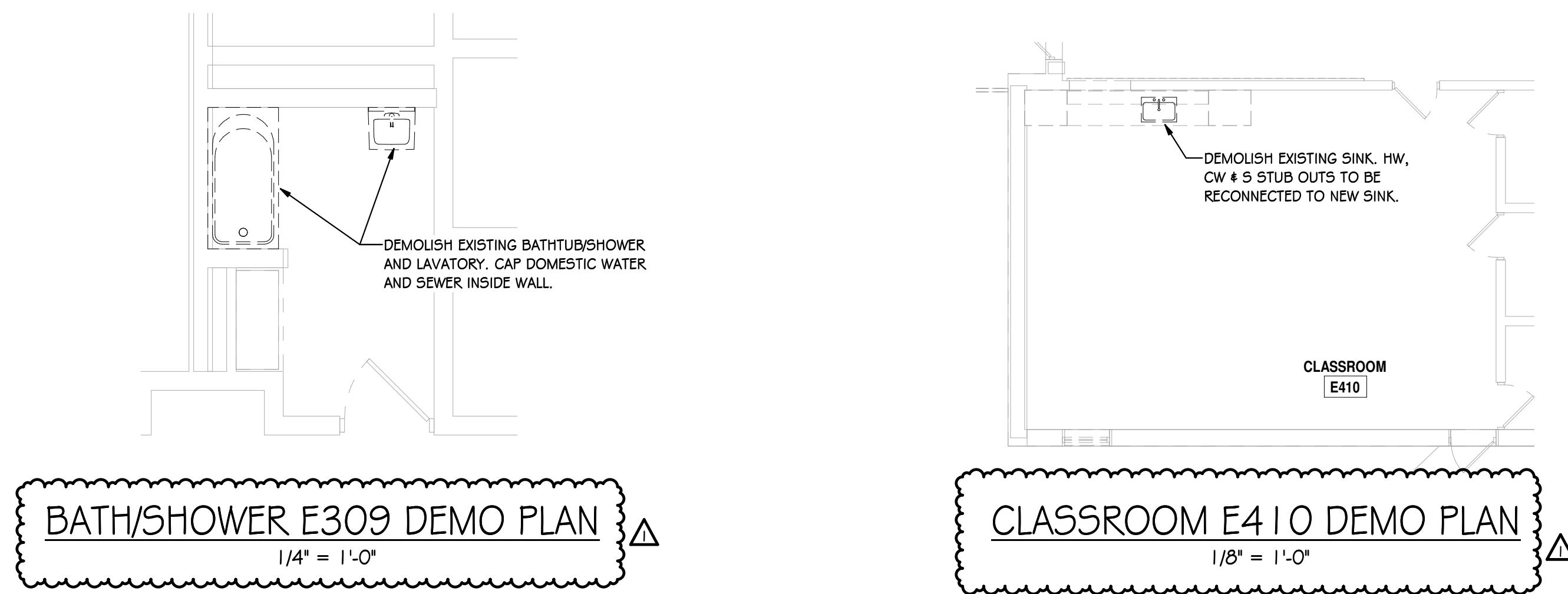
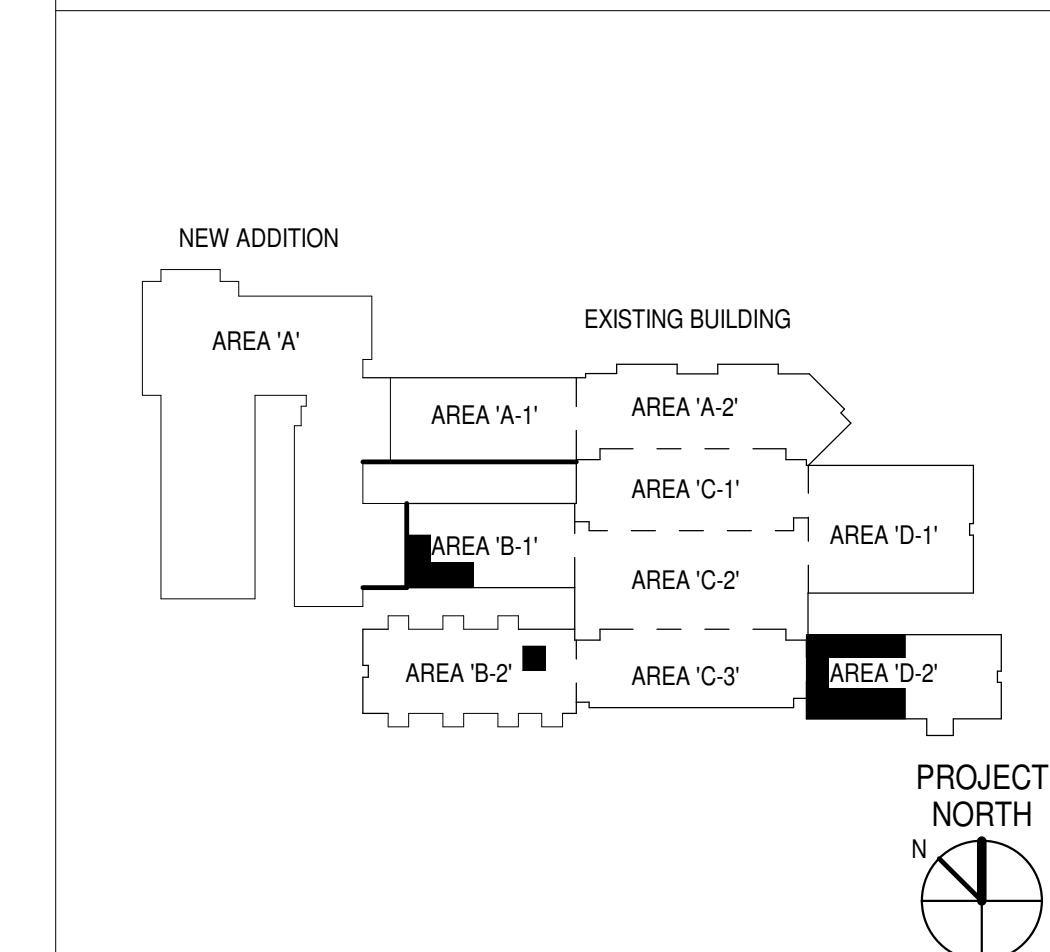
P103



SHEET NOTES:

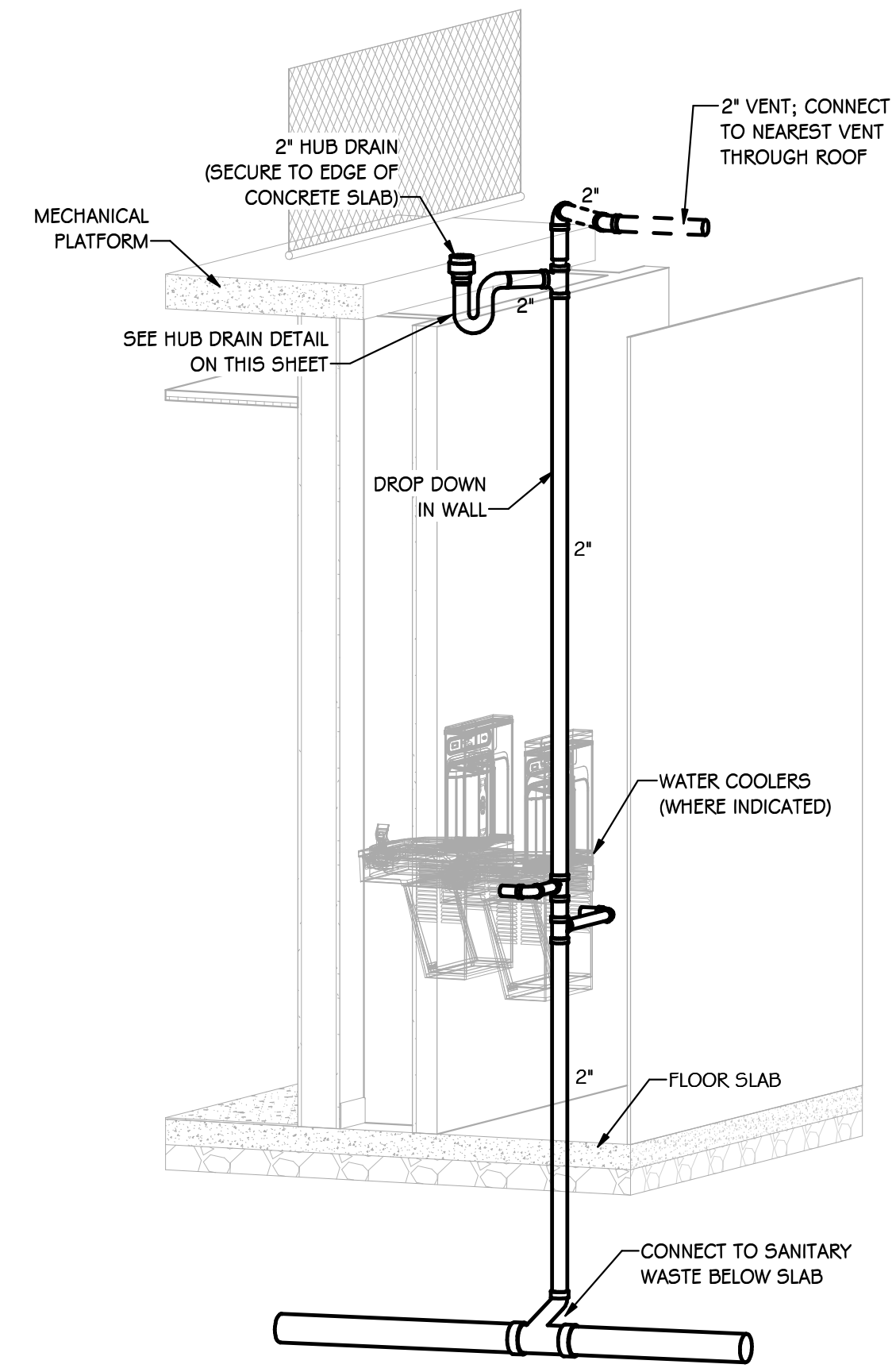
- REFER TO GENERAL NOTES ON SHEET P100.
- ALL DOMESTIC WATER IS ROUTED OVERHEAD UNLESS INDICATED OTHERWISE. DOMESTIC WATER O/H IN CORRIDORS IS ROUTED BELOW THE MECHANICAL PLATFORM ABOVE THE CORRIDOR CEILING.

KEY PLAN

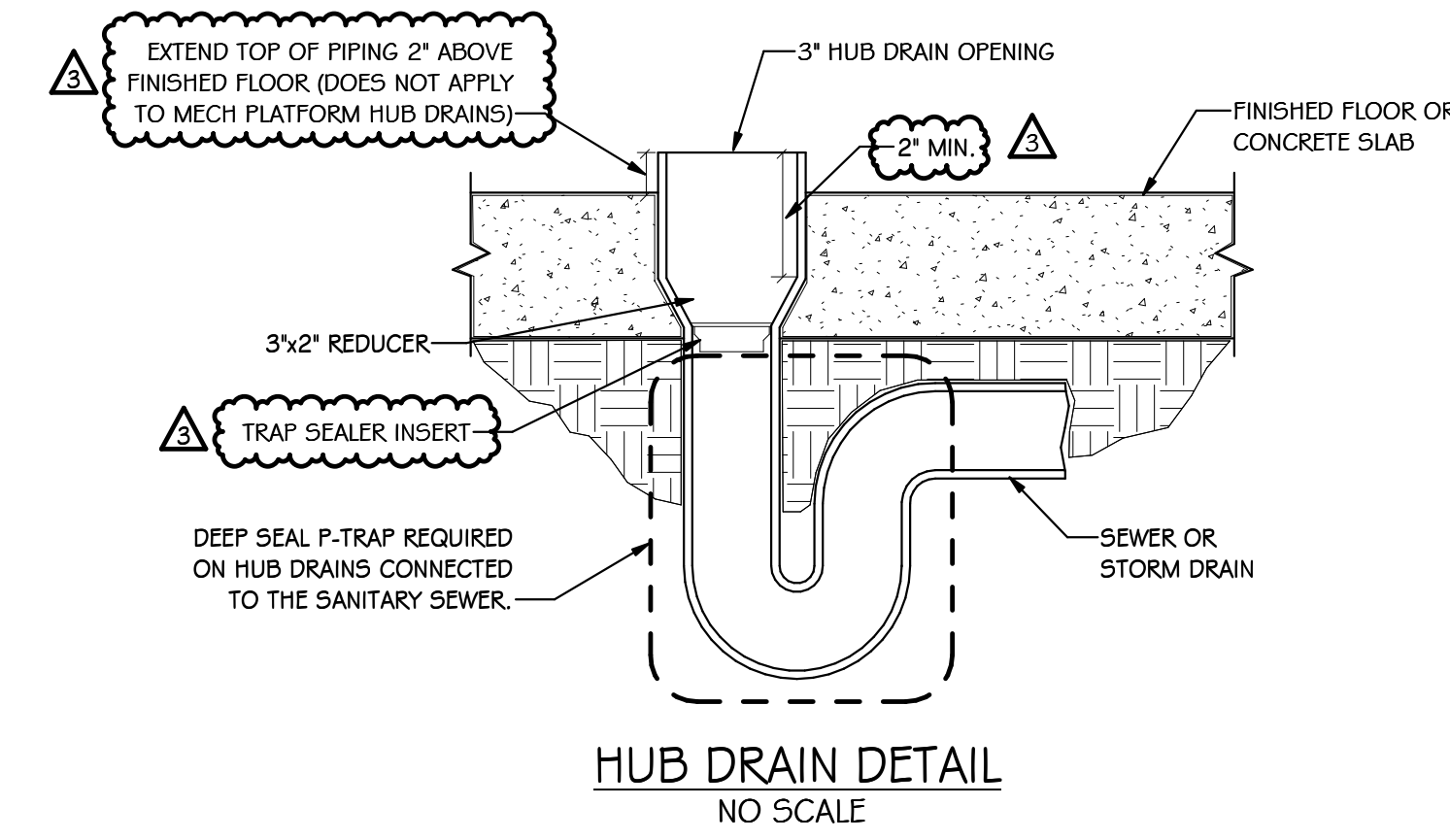


ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITH RESPECT TO THE PROJECT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE, NO PART OF THESE DRAWINGS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY DAMAGE, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THESE DRAWINGS.

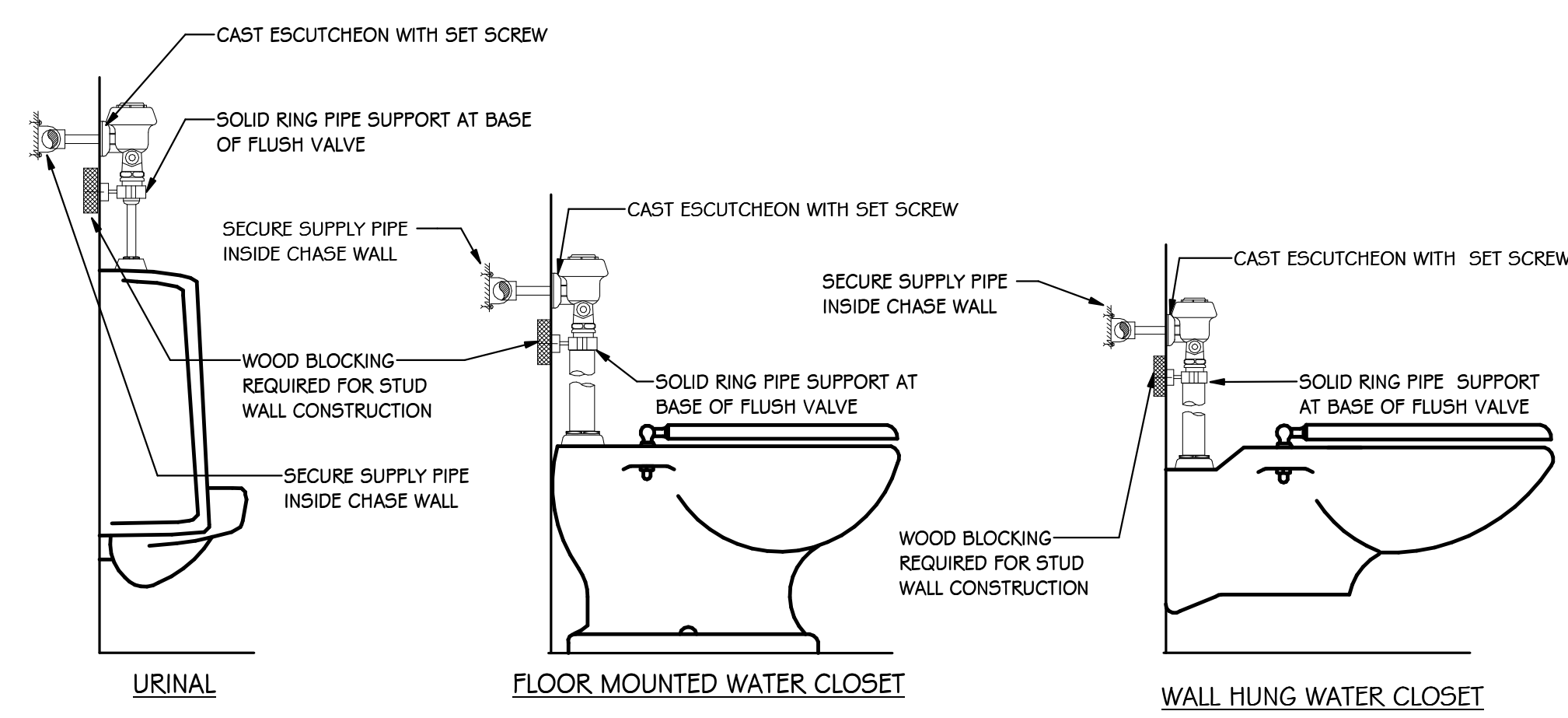
ALL DIMENSIONS, SPECIFICATIONS AND NOTES UNLESS OTHERWISE SPECIFIED ARE TO BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL CODES AND STANDARDS. THE PROJECT ARCHITECT AND ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE ARCHITECT AND ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE ARCHITECT AND ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED.



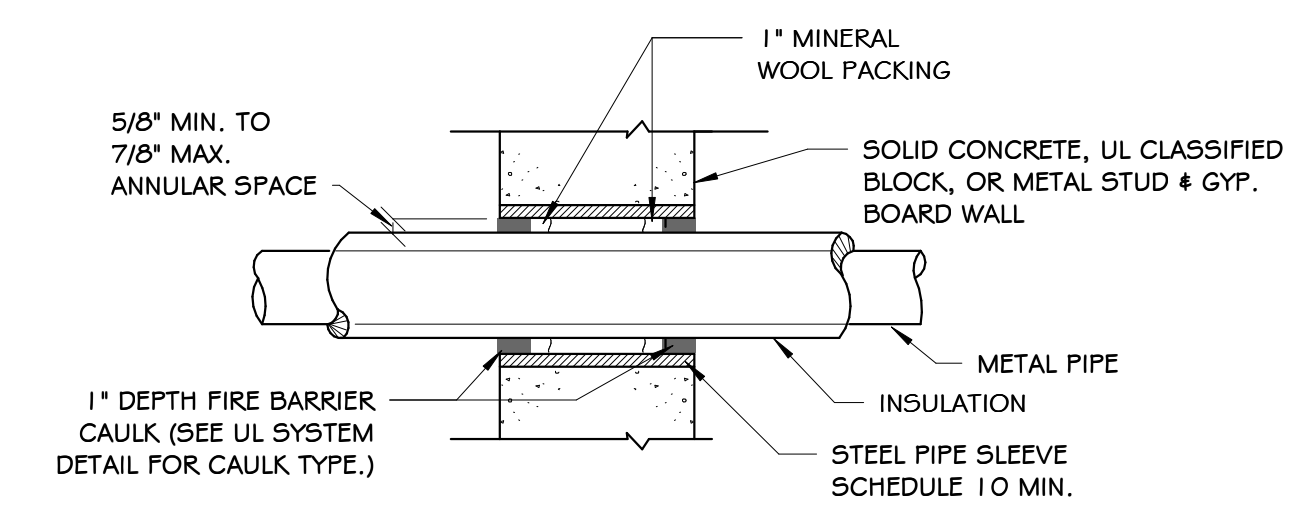
OVERHEAD HUB DRAIN DETAIL
NOT TO SCALE



HUB DRAIN DETAIL
NO SCALE

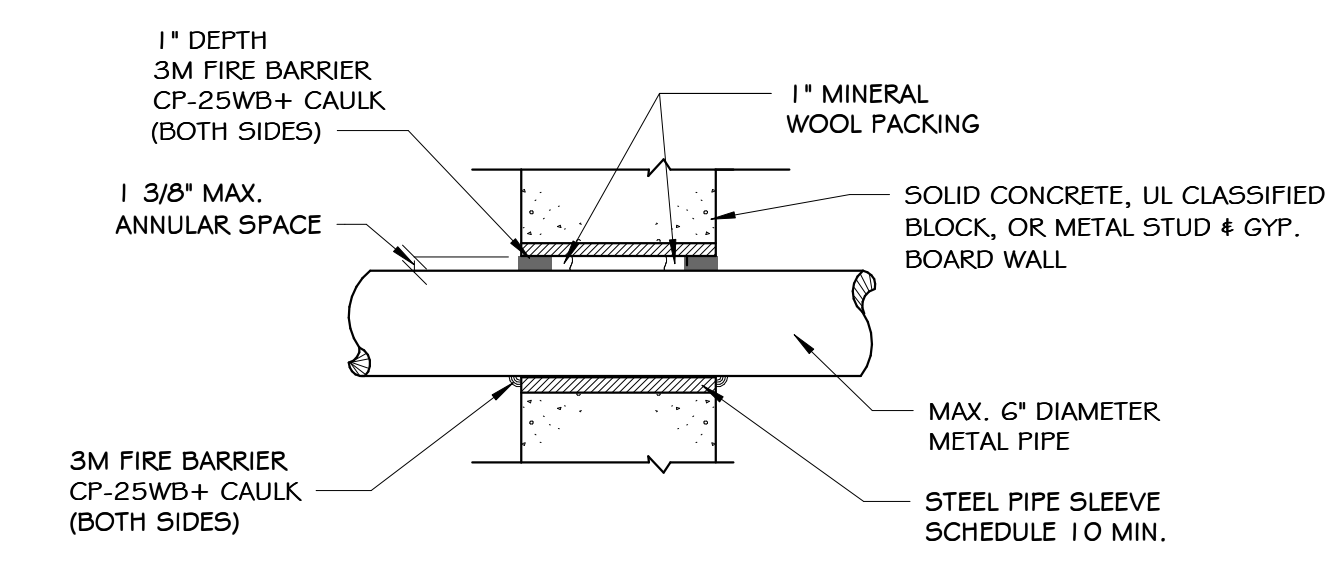


FLUSH VALVE ANCHOR DETAIL
NO SCALE



- APPLICATION DETAILS**
1. INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
 2. MINIMUM ANNULAR SPACE REQUIREMENT IS 5/8". MAXIMUM ANNULAR SPACE ALLOWABLE IS 7/8".
 3. RECESS A NOMINAL 1" THICKNESS OF TIGHTLY PACKED MINERAL WOOL FIRE SAFING, 1" FROM THE WALL SURFACE.
 4. FILL THE ANNULAR SPACE AROUND THE PIPE WITH A MINIMUM 1" DEPTH OF FIRE BARRIER CAULK. (SEE UL SYSTEM DETAIL FOR CAULK TYPE.)
- NOTE:** FOR PIPE INSULATED WITH RUBBER BASED FLEXIBLE INSULATION, INSTALL A FIBERGLASS INSERT AT THE FIRE WALL PENETRATION IN LIEU OF THE FLEXIBLE RUBBER INSULATION. (THE FIBERGLASS INSERT SHALL BE THE SAME THICKNESS AS THE RUBBER BASED INSULATION.) THE FIBERGLASS INSERT SHALL EXTEND 6" (MIN.) ON EACH SIDE OF FIRE WALL.

INSULATED PIPE (1, 2, 3 OR 4 HR)
UL SYSTEM #CBJS002
(FOR PIPING LARGER THAN 6" USE UL SYSTEM #CBJS003)
DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS
NO SCALE



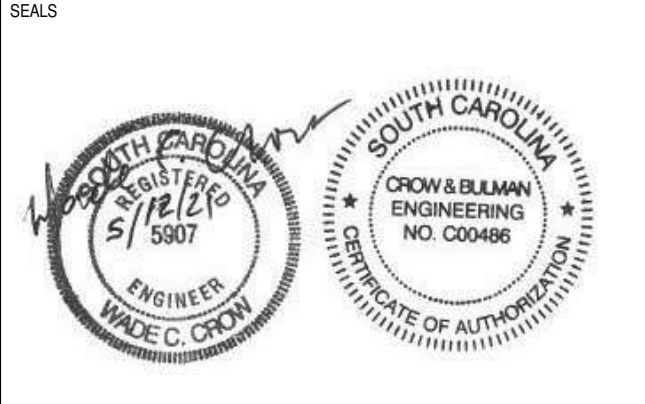
- APPLICATION DETAILS**
1. INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY.
 2. MINIMUM ANNULAR SPACE REQUIREMENT IS ZERO, POINT CONTACT, MAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8".
 3. RECESS A NOMINAL 1" THICKNESS OF TIGHTLY PACKED MINERAL WOOL FIRE SAFING, 1" FROM THE WALL SURFACE.
 4. FILL THE ANNULAR SPACE AROUND THE PIPE WITH A MINIMUM 1" DEPTH OF 3M FIRE BARRIER CP-25WB+ CAULK.

UNINSULATED PIPE (1, 2, 3, OR 4 HR)
UL SYSTEM #CAJ1044
DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS
NO SCALE

FIXTURE SCHEDULE							
TAG	FIXTURE	H.W.	C.W.	WASTE	TRAP	MTD.	HEIGHT
P-1	WATER CLOSET (WALL HUNG, ADA)	-	1-1/4"	4"	-	SEE "A" DWGS	
P-2	URINAL (ADA)	-	3/4"	2"	-	SEE "A" DWGS	
P-3	LAVATORY (WALL MTD, ADA)	1/2"	1/2"	2"	1-1/4"	SEE "A" DWGS	
P-4	LAVATORY (WALL MTD, ADA, HW MIXING VALVE)	1/2"	1/2"	2"	1-1/4"	SEE "A" DWGS	
P-5	LAVATORY (ADA)	1/2"	1/2"	2"	1-1/4"	COUNTERTOP, SEE "A" DWGS	
P-6	APARTMENT SINK (ADA)	1/2"	1/2"	2"	1-1/2"	COUNTERTOP, SEE "A" DWGS	
P-7	EARLY CHILDHOOD SINK (ADA)	1/2"	1/2"	2"	1-1/2"	COUNTERTOP, SEE "A" DWGS	
P-8	TYPICAL CLASSROOM SINK (ADA)	1/2"	1/2"	2"	1-1/2"	COUNTERTOP, SEE "A" DWGS	
P-9	ELEC WATER COOLER (ADA, BOTTLE FILL)	-	1/2"	2"	1-1/4"	SEE "A" DWGS	
P-10	ELEC WATER COOLER	-	1/2"	2"	1-1/4"	SEE "A" DWGS	
P-11	NURSE SHOWER (ADA)	1/2"	1/2"	2"	2"	SEE "A" DWGS	
P-12	BATHTUB/SHOWER	1/2"	1/2"	2"	2"	SEE "A" DWGS	
P-13	JANITORS BASIN	1/2"	1/2"	3"	3"	-	

WATER HEATER SCHEDULE														
TAG	GAS			ELECTRICAL			RECOVERY		MANUFACTURER	MODEL	BUILDING CIRCULATOR PUMP	MIXING VALVE	REMARKS	
	INPUT	OUTPUT	EFF.	FUEL	K.W.	VOLTAGE	PHASE	TEMP. RISE						
WH-1A	251 MBH	241 MBH	96 %	N.G.	--	115V	1	4.85	100 F	INTELLIHOT	iQ251	GRUNDFOS UP-42B7 (1/25 HP, 115V, 5 GPM, 13" W.G.)	--	(1) (2)
WH-1B	251 MBH	241 MBH	96 %	N.G.	--	115V	1	4.85	100 F	INTELLIHOT	iQ251	--	--	(1) (2)

REMARKS:
 (1) PROVIDE WITH CONDENSATE NEUTRALIZATION TANK
 (2) SEE WATER HEATER DETAIL ON SHEET P300



SPARTANBURG COUNTY SCHOOL DISTRICT 7
ADDITION AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
 125 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

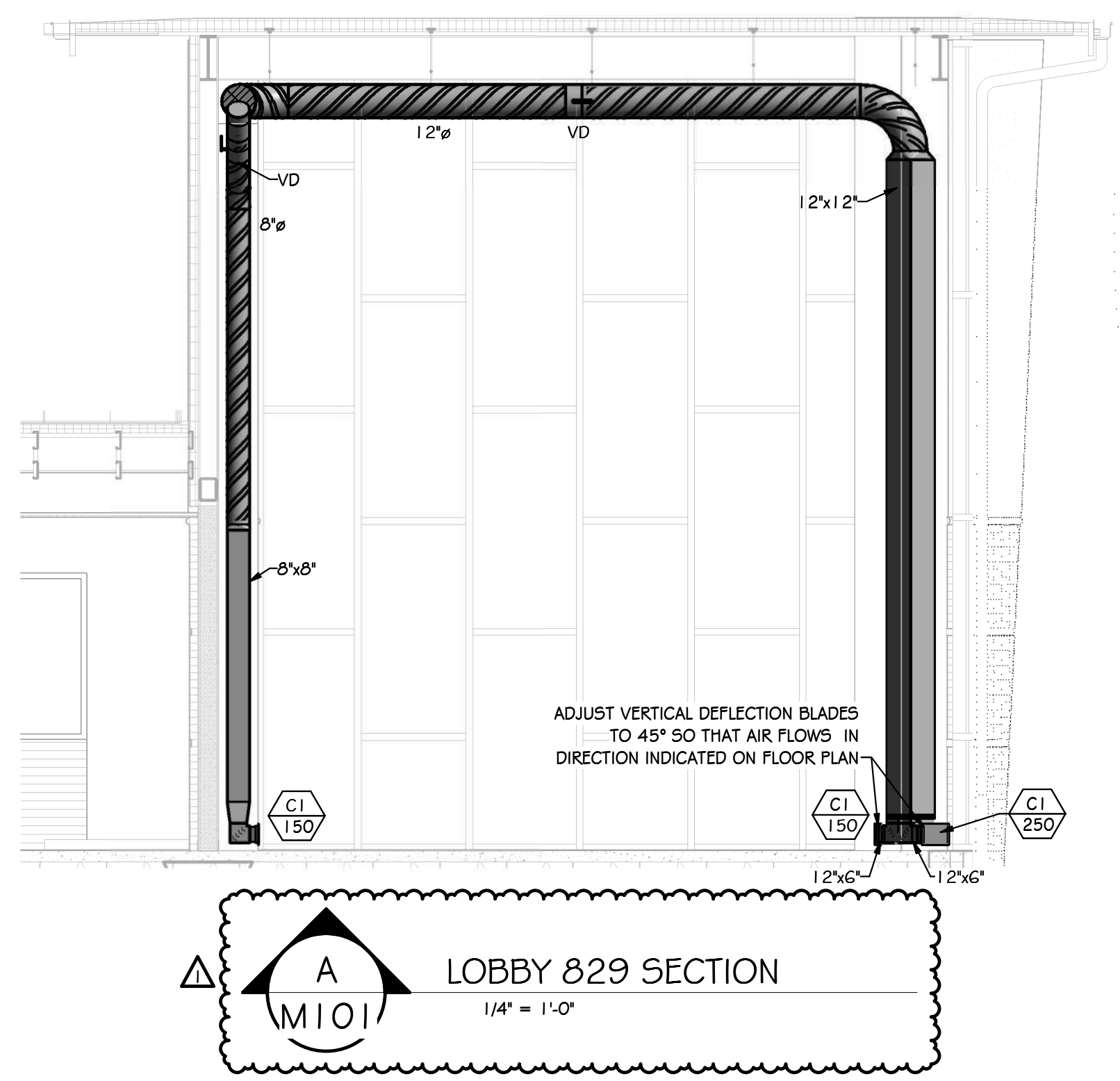
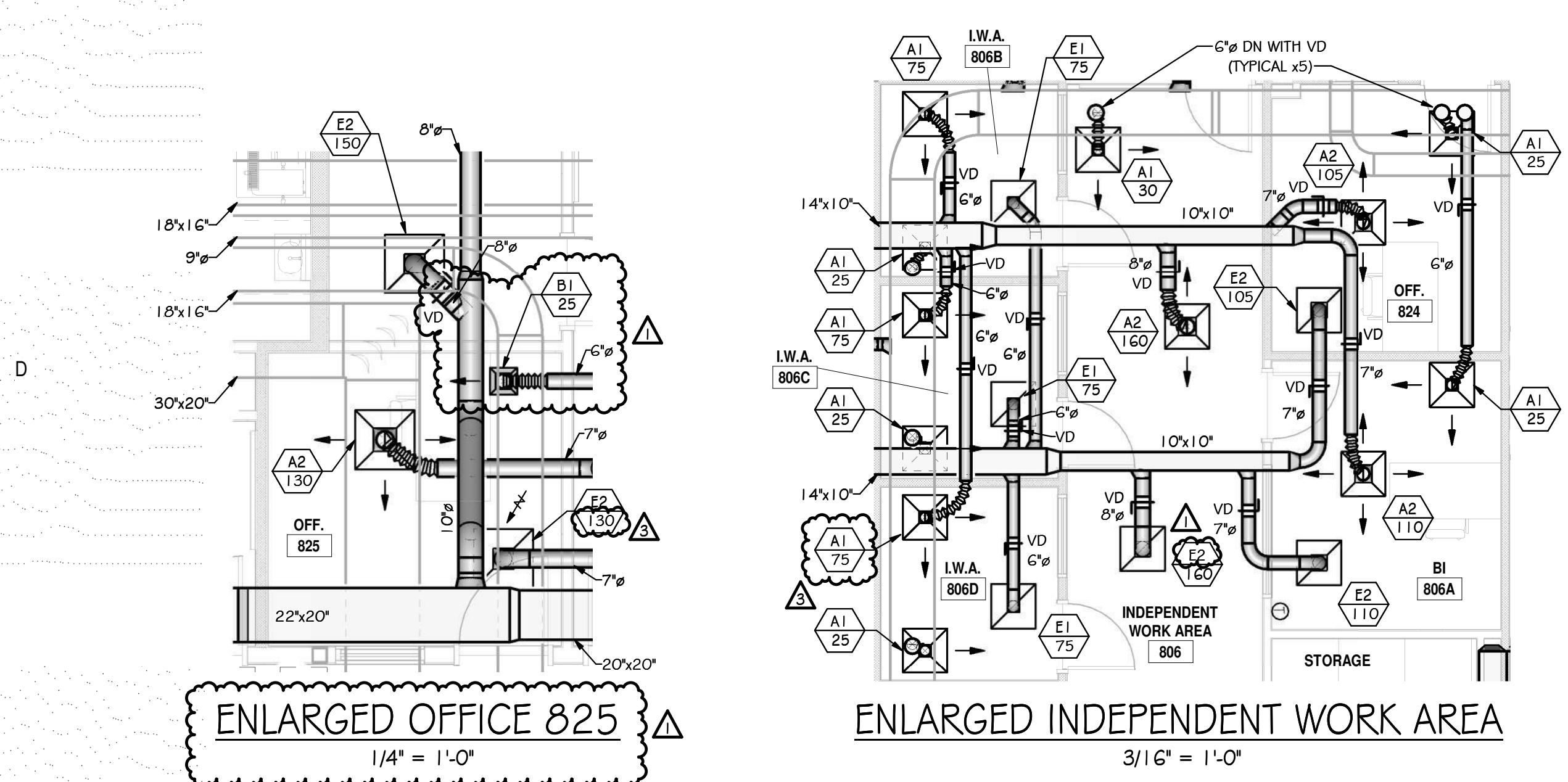
SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
3	05/14/2021	Addendum No. 3	

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: WCC
 PROJECT ENGINEER: WHC, STB, HFC
 DRAWN BY: HFC

SHEET TITLE:
PLUMBING SCHEDULES & DETAILS

SHEET NO. PROJ. NO.
 2022

P300

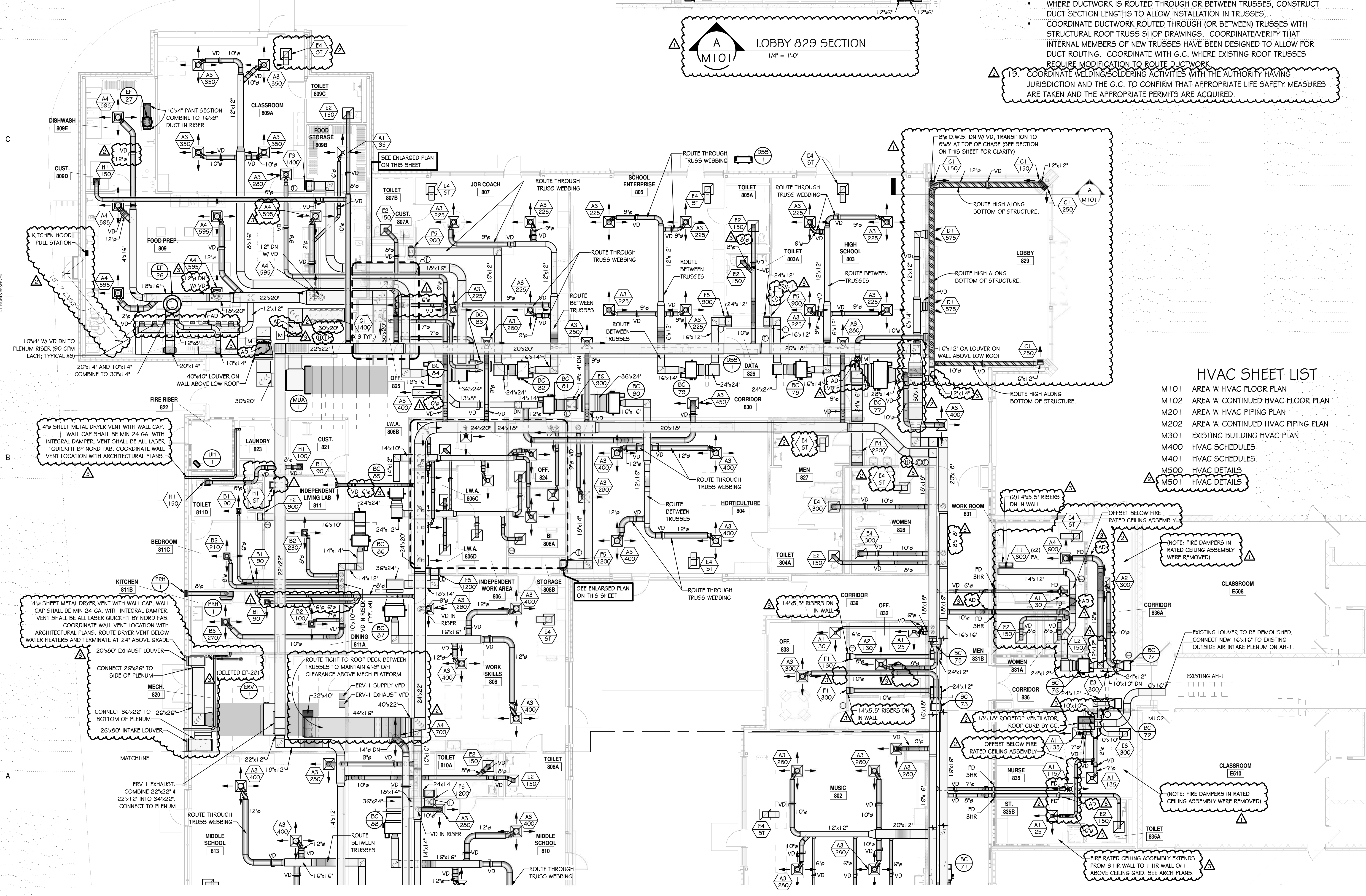


GENERAL NOTES:

- PROVIDE ACCESS DOORS AT EACH MOTORIZED DAMPER AND EACH FIRE DAMPER NOT ACCESSIBLE FROM A GRILLE, SEE SPECS FOR SIZE.
- WHERE DUCTS CONNECT TO TOP OF CHASE: SEAL AIR TIGHT.
- PIPE CONDENSATE DRAINS TO NEAREST FLOOR DRAIN OR HUB DRAIN.
- PROVIDE 27" MIN CLEARANCE AT FILTER HOUSINGS FOR FILTER REMOVAL.
- SEE ARCH. DWGS FOR EXACT LOUVER AND BRICK VENT LOCATIONS.
- RUN HOT WATER AND CHILLED WATER PIPING (INCLUDING HANGERS) MINIMUM 6'-8" ABOVE MECH. PLATFORM FLOOR. COORDINATE WITH ENGINEER WHERE NOT POSSIBLE.
- SLOPE ALL CONDENSATE LINES MIN. 1/8" PER FOOT.
- MINIMUM BRANCH CONDENSATE LINE SIZE SHALL BE 1" UNLESS NOTED OTHERWISE ON PLANS.
- PROTECT ALL FLOOR PENETRATIONS FOR 2-HR. MIN. FIRE RATING.
- SEE ARCH. DWGS FOR EXACT SIDEWALL REGISTER AND GRILL ELEVATION & LOCATION.
- BLANK OFF UNUSED LOUVER WITH SHEET METAL AND 1" THICK, 6 PCF FOIL-FACED DUCT BOARD.
- ROUTE DUCTWORK TO AVOID LIGHTS IN CORRIDOR IF NECESSARY.
- MAXIMUM LENGTH OF FLEXIBLE DUCTWORK AT END OF BRANCH DUCTWORK SHALL BE 5'-0" (SUPPLY DUCT SYSTEMS ONLY).
- CONCRETE HOUSEKEEPING PADS SHALL BE BY OTHER DIVISIONS, SEE "A" DWGS.
- WHERE HVAC PIPING IS INDICATED TO TERMINATE WITH A BLIND FLANGE, PROVIDE A HOSE BIB IS TO BE USED TO CROSS-CONNECT PIPING FOR CIRCULATION DURING CHEMICAL TREATMENT.)
- HVAC CONTRACTOR TO COORDINATE EXACT LOCATION OF DUCT WORK WITH GENERAL CONTRACTOR (PRIOR TO FABRICATION) TO AVOID POTENTIAL CONFLICT WITH SOUND WALLS EXTENDED TO THE DECK, ETC..
- ROOF CURBS FOR ALL ROOF EQUIPMENT SHALL BE PROVIDED BY OTHER DIVISIONS: PROVIDE CURB INSIDE AND OUTSIDE DIMENSIONS TO ROOF MFR.
- DUCTWORK COORDINATION:
 - FIELD COORDINATE ROUTING OF DUCTWORK PRIOR TO DUCTWORK FABRICATION.
 - WHERE DUCTWORK IS ROUTED THROUGH OR BETWEEN TRUSSES, CONSTRUCT DUCT SECTION LENGTHS TO ALLOW INSTALLATION IN TRUSSES.
 - COORDINATE DUCTWORK ROUTED THROUGH (OR BETWEEN) TRUSSES WITH STRUCTURAL ROOF TRUSS SHOP DRAWINGS. COORDINATE/VERIFY THAT INTERNAL MEMBERS OF NEW TRUSSES HAVE BEEN DESIGNED TO ALLOW FOR DUCT ROUTING. COORDINATE WITH G.C. WHERE EXISTING ROOF TRUSSES REQUIRE MODIFICATION TO ROUTE DUCTWORK.
- COORDINATE WELDING/SOLDERING ACTIVITIES WITH THE AUTHORITY HAVING JURISDICTION AND THE G.C. TO CONFIRM THAT APPROPRIATE LIFE SAFETY MEASURES ARE TAKEN AND THE APPROPRIATE PERMITS ARE ACQUIRED.

SYMBOLS:

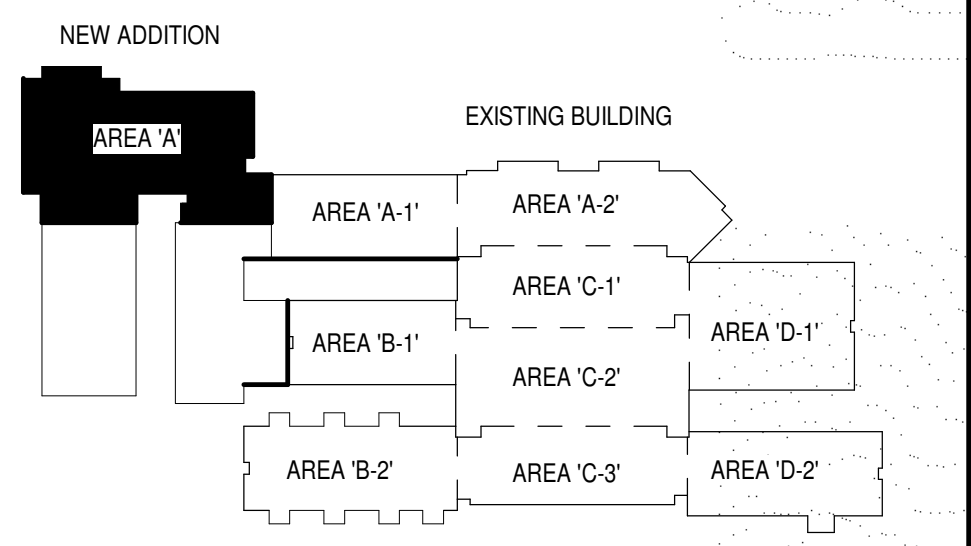
- CWS - CHILLED WATER SUPPLY
- CWR - CHILLED WATER RETURN
- CHS - CHILLER SUPPLY
- CHR - CHILLER RETURN
- CDS - CONDENSER SUPPLY
- CDR - CONDENSER RETURN
- HWS - HOT WATER SUPPLY
- HWR - HOT WATER RETURN
- D - DRAIN
- G - GAS
- GV - GATE VALVE
- CV - CHECK VALVE
- GV - GLOBE VALVE
- BV - BALL VALVE (2" AND SMALLER)
- CV - CONTROL VALVE
- BV - BUTTERFLY VALVE (2-1/2" AND LARGER)
- R - REDUCER
- U - UNION
- GC - GAUGE COCK
- PG - PRESSURE GAUGE
- TW - THERMOMETER WITH WELL
- TM - THERMOSTAT
- HM - HUMIDISTAT
- CS - CO₂ SENSOR
- SA - SUPPLY AIR (S.A.)
- RA - RETURN AIR (R.A.)
- EA - EXHAUST AIR
- RA - RELIEF AIR
- AD - ACCESS DOOR
- FD - FIRE DAMPER
- V - VENT
- ST - STRAINER
- CS - CIRCUIT SETTER
- TP - TEMP/PRESS SENSING PORT
- R - REFRIGERANT LINES
- M - MOTORIZED DAMPER
- TV - TRIPLE DUTY VALVE
- PRV - PRESSURE REDUCING VALVE
- FC - FLEXIBLE COUPLING
- MAV - MANUAL AIR VENT
- AAV - AUTOMATIC AIR VENT
- DP - DIFFERENTIAL PRESS. SENSOR
- SP - STATIC PRESSURE SENSOR
- OH - OVERHEAD
- UG - UNDERGROUND
- VD - VOLUME DAMPER
- CO - CLEAN OUT
- DS - DUAL WALL SPIRAL DUCTWORK



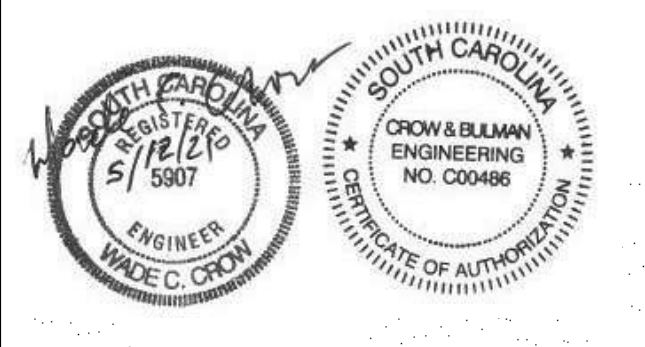
HVAC SHEET LIST

- M101 AREA 'A' HVAC FLOOR PLAN
- M102 AREA 'A' CONTINUED HVAC FLOOR PLAN
- M201 AREA 'A' HVAC PIPING PLAN
- M202 AREA 'A' CONTINUED HVAC PIPING PLAN
- M301 EXISTING BUILDING HVAC PLAN
- M400 HVAC SCHEDULES
- M401 HVAC SCHEDULES
- M500 HVAC DETAILS
- M501 HVAC DETAILS

KEY PLAN



HVAC FLOOR PLAN - AREA 'A'
1/8" = 1'-0"



SPARTANBURG COUNTY SCHOOL DISTRICT 7
 ADDITION AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	WCC
2	05/12/2021	Addendum No. 2	WHC, STB, HFC
3	05/14/2021	Addendum No. 3	HFC

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: WCC
 PROJECT ENGINEER: WHC, STB, HFC
 DRAWN BY: HFC
 SHEET TITLE: AREA 'A' HVAC FLOOR PLAN
 SHEET NO. M101
 PROJ. NO. 2022

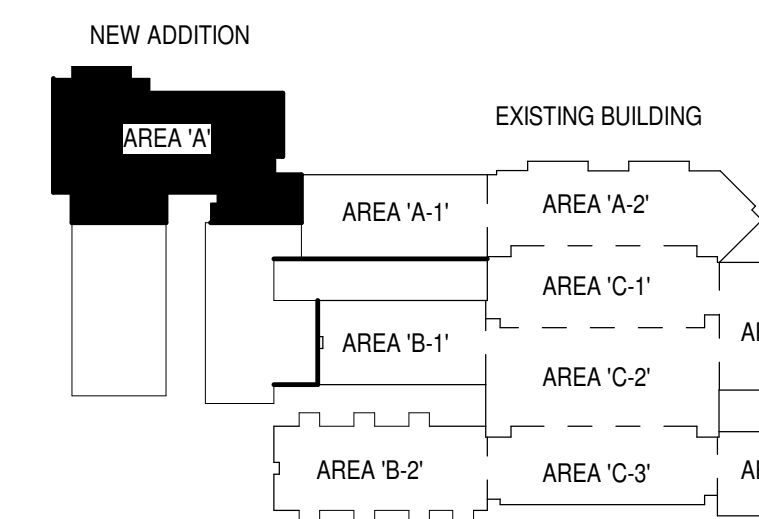
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

SHEET NOTES:

- REFER TO GENERAL NOTES ON SHEET M101.
- RUN HOT WATER AND CHILLED WATER PIPING (INCLUDING HANGERS) MINIMUM 6'-8" ABOVE MECH. PLATFORM FLOOR. COORDINATE WITH ENGINEER WHERE NOT POSSIBLE.

DISCHARGE TO HUB DRAIN

KEY PLAN

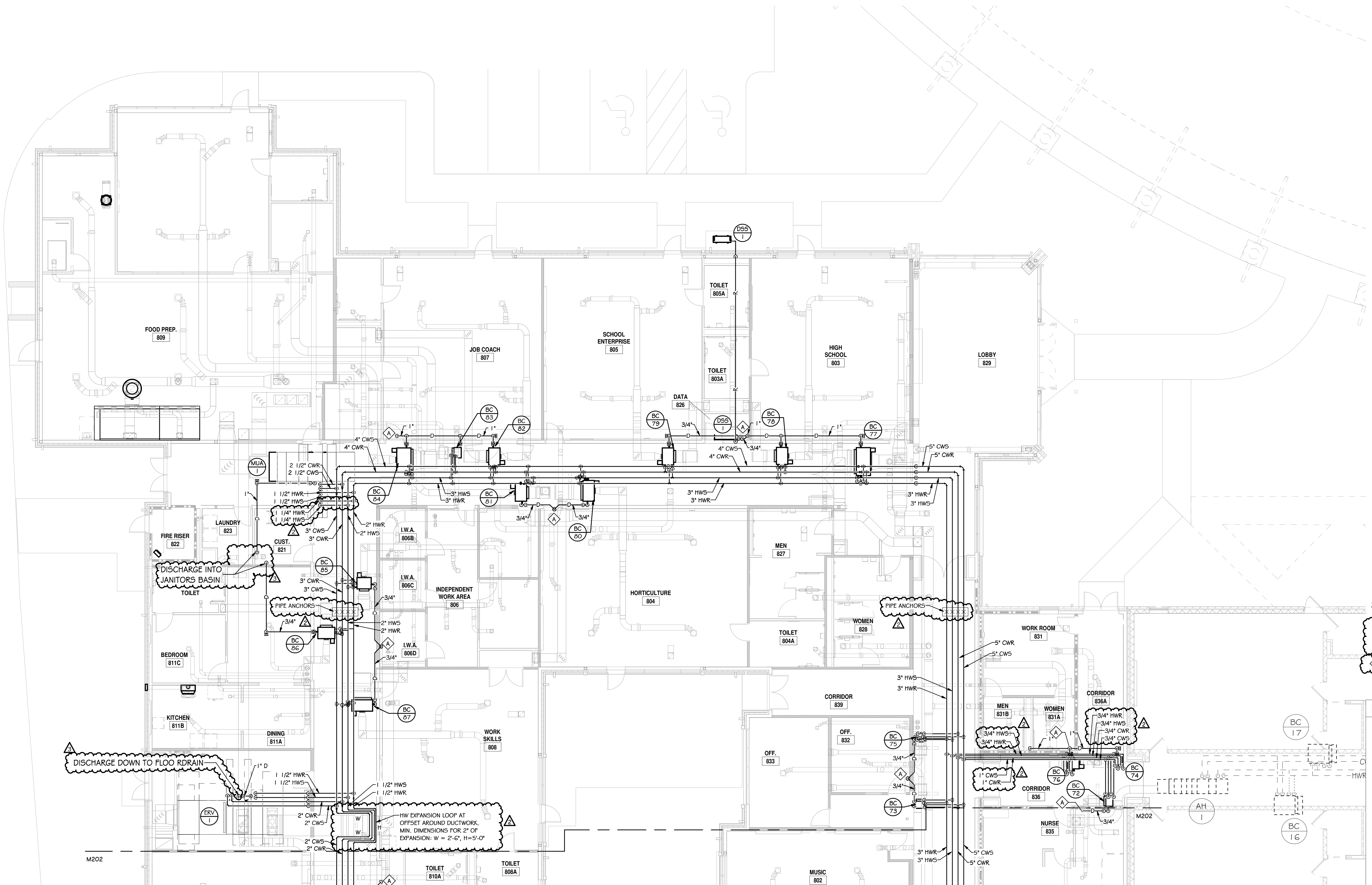


CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
AREA 'A' HVAC PIPING PLAN

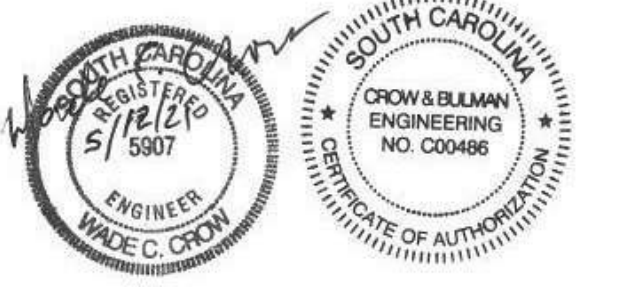
SHEET NO. PROJ. NO. 2022

M201



HVAC PIPING PLAN - AREA 'A'
1/8" = 1'-0"

ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY WITHIN THE PROJECT AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THESE DRAWINGS IS STRICTLY PROHIBITED AND WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.



SPARTANBURG COUNTY SCHOOL DISTRICT 7

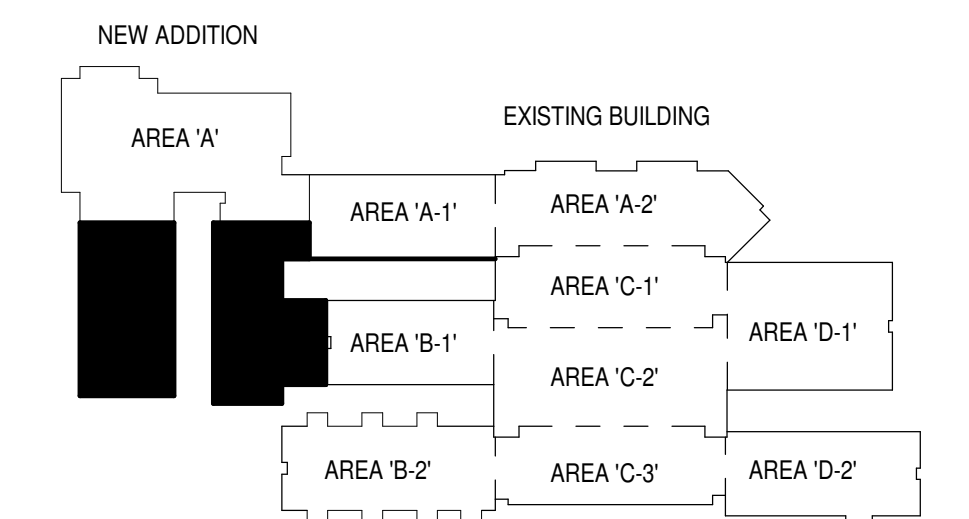
ADDITION AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

- SHEET NOTES:**
- REFER TO GENERAL NOTES ON SHEET M101.
 - RUN HOT WATER AND CHILLED WATER PIPING (INCLUDING HANGERS) MINIMUM 6'-8" ABOVE MECH. PLATFORM FLOOR. COORDINATE WITH ENGINEER WHERE NOT POSSIBLE.
 - DISCHARGE TO HUB DRAIN

KEY PLAN

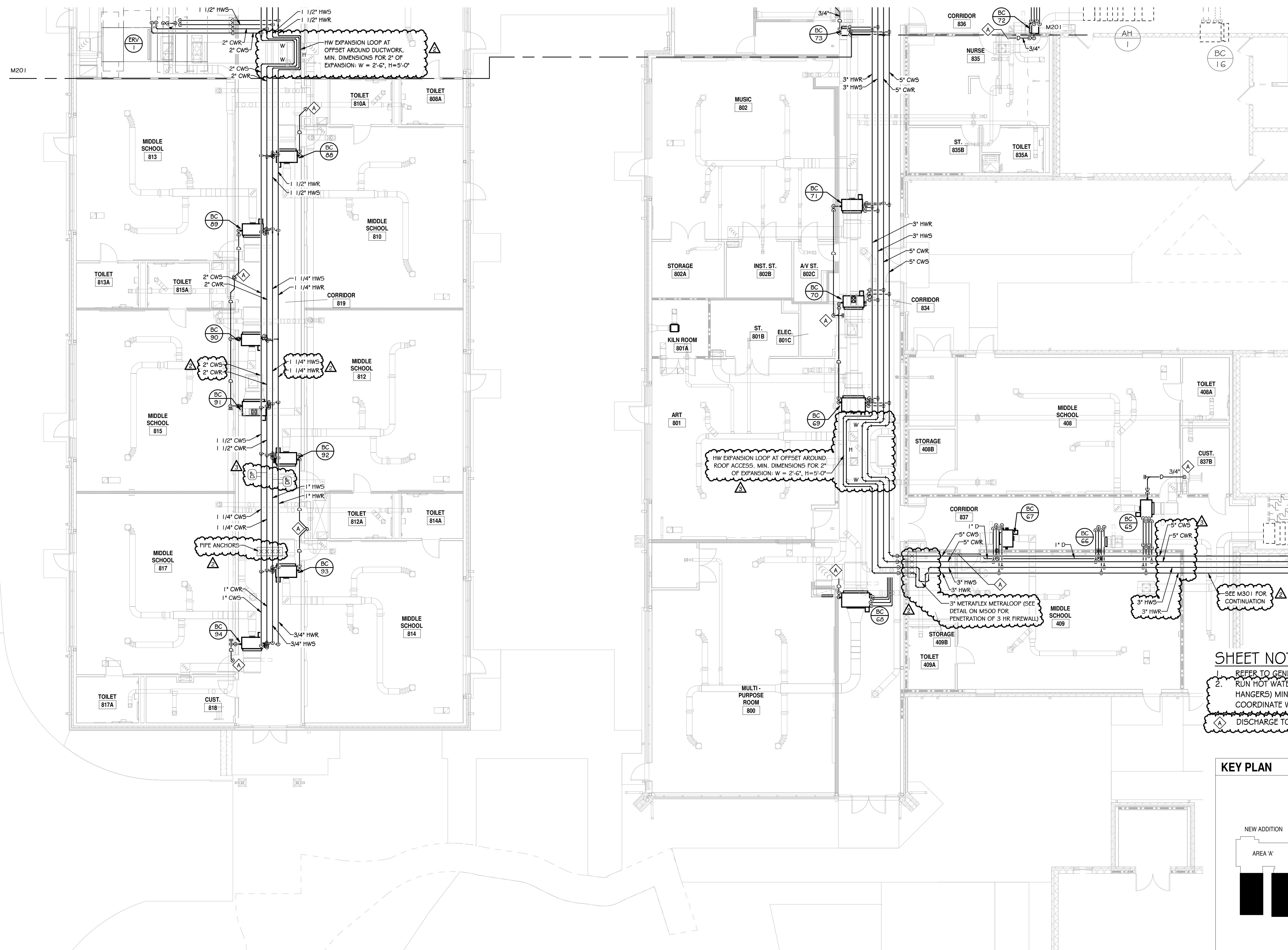


CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
**AREA 'A' CONTINUED
HVAC PIPING PLAN**

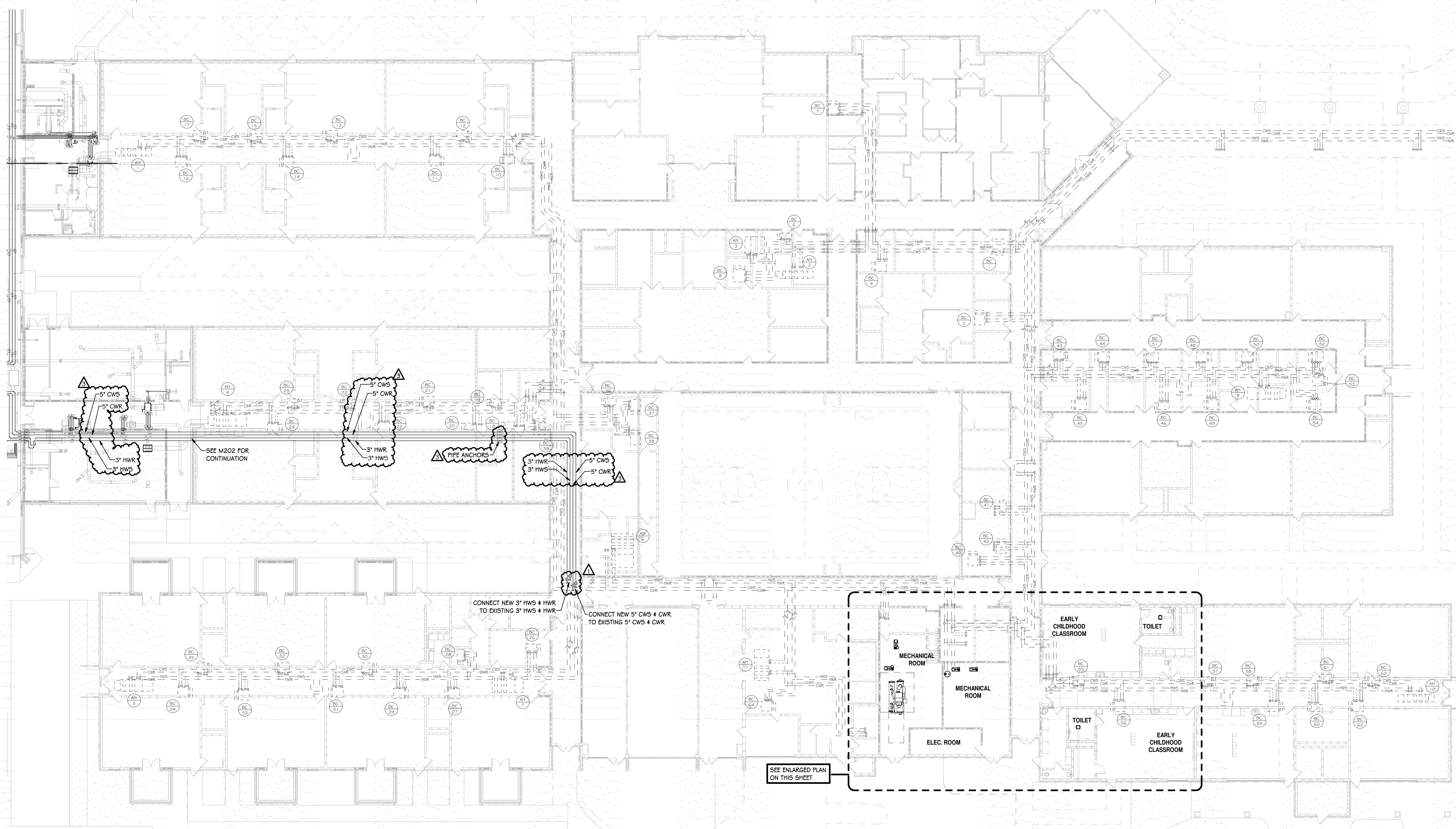
SHEET NO. PROJ. NO.
2022

M202

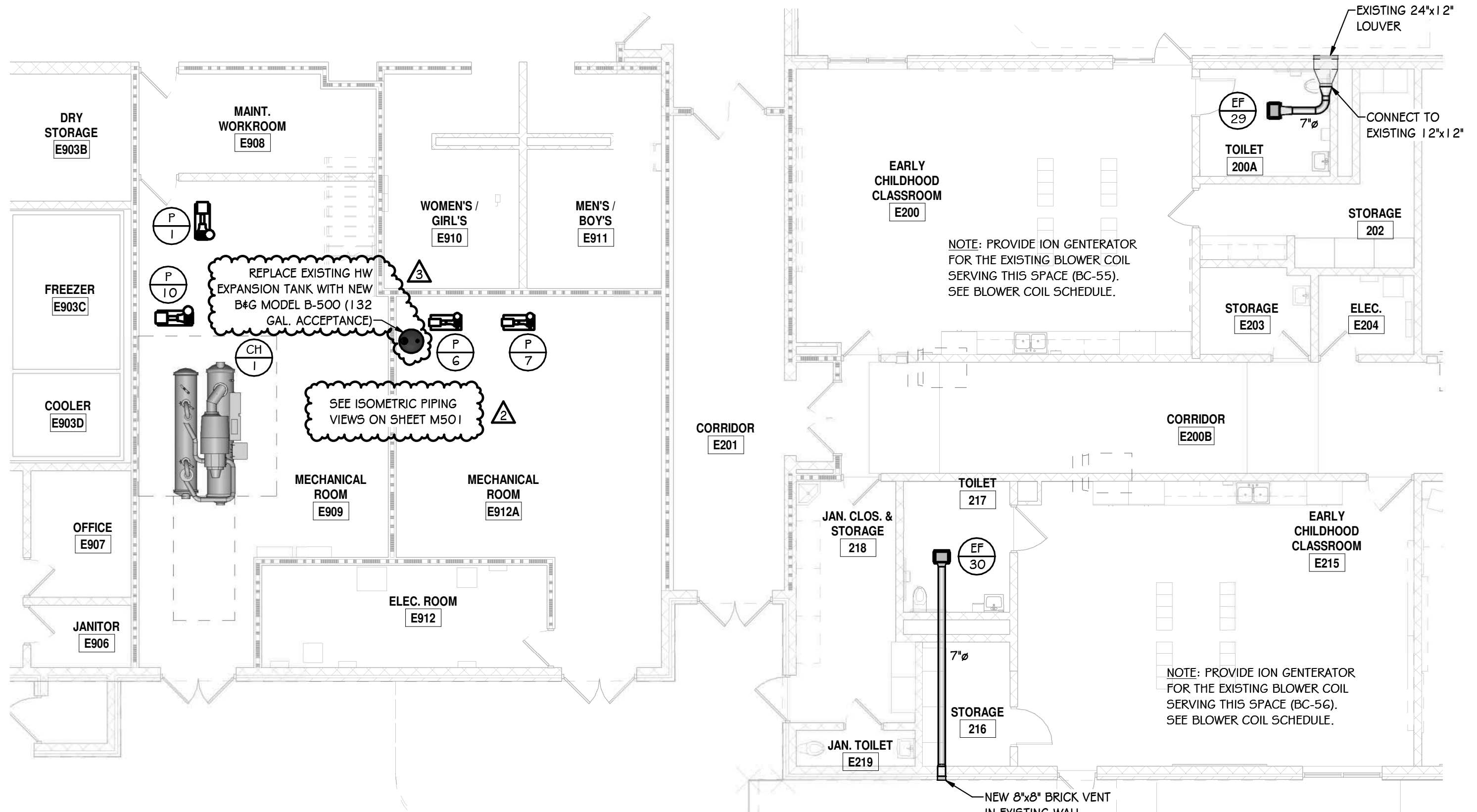


HVAC PIPING PLAN - AREA 'A' CONTINUED
1/8" = 1'-0"

ALL DIMENSIONS, SPECIFICATIONS AND NOTES UNLESS OTHERWISE SPECIFIED ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT SUBMITTALS AND CONTRACT DOCUMENTS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PARTS OF THESE DOCUMENTS ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



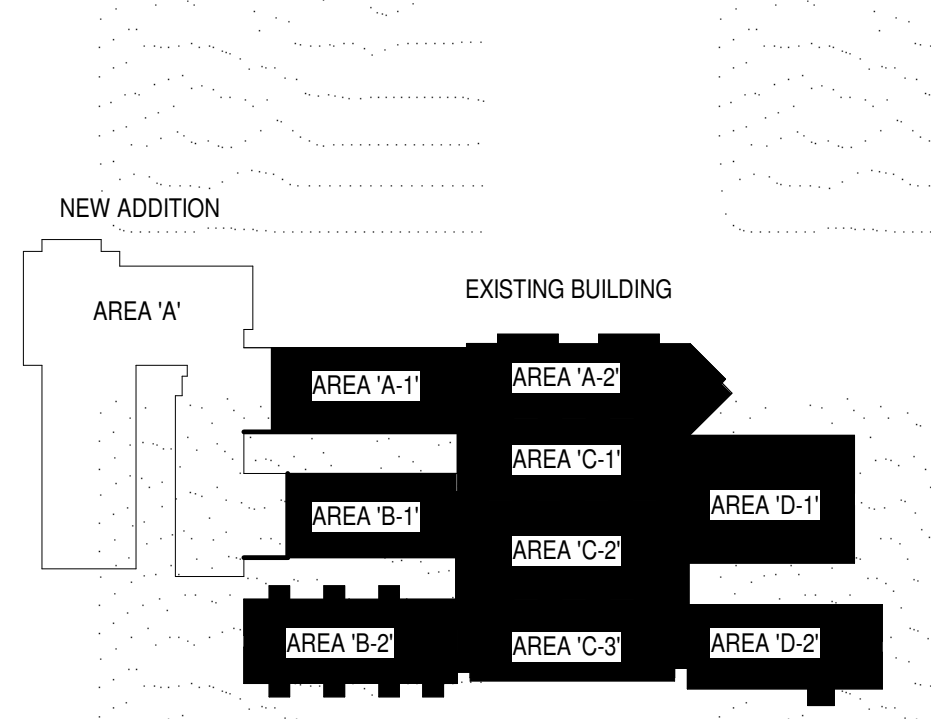
EXISTING BUILDING HVAC PLAN
1/16" = 1'-0"



EXISTING PARTIAL AREAS 'C-3' & 'D-2'
1/8" = 1'-0"

- SHEET NOTES:**
- REFER TO GENERAL NOTES ON SHEET M101.
 - SEE TAB SPECS FOR FLOW VERIFICATION OF EXISTING (OR REPLACED) CALIBRATED ORIFICE FLOW LIMITING VALVES.

KEY PLAN



SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: WCC
 PROJECT ENGINEER: WHC, STB, HFC
 DRAWN BY: HFC

SHEET TITLE:
EXISTING BUILDING HVAC PLAN

SHEET NO. PROJ. NO. 2022

M301

ALL DRAWINGS, SPECIFICATIONS AND NOTES HEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR DISTRIBUTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF MCMILLAN PAZDAN SMITH ARCHITECTURE IS STRICTLY PROHIBITED. SUBMISSION OF THESE DRAWINGS TO ANY OTHER PARTY IS AT THE USER'S SOLE RISK. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THESE DRAWINGS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THESE DRAWINGS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. MCMILLAN PAZDAN SMITH ARCHITECTURE ASSUMES NO LIABILITY FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THESE DRAWINGS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

BLOWER COIL SCHEDULE

TAG	AREA SERVED	MANUFACTURER	MODEL	SIZE	CFM	CFM O.A.	E.S.P.	VOLT	FAN HP	COOLING COIL										HEATING COIL (@ 140 DEGREE FWT)										REMARKS	TAG
										ROWS	FPI	SENSIBLE COOLING (MBH)	TOTAL CAP. (MBH)	GPM	E.W.T.	L.W.T.	WATER P.D. (FT. HEAD)	PIPE BRANCH / TRIM SIZE	CONTROL VALVE P.D.	ROWS	FPI	E.A.T. (db)	L.A.T. (db)	HEATING MBH	GPM	E.W.T.	L.W.T.	WATER P.D. (FT. HEAD)	PIPE BRANCH / TRIM SIZE		
BC-65	408 MIDDLE SCHOOL	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-65
BC-66	836 CORRIDOR	ENVIRO-TEC	CDV	8	300	--	0.55	277/1	1/4 HP	4	12	6.97	8.56	1.4	45.0	57.0	2.3	3/4"	6 PSI	2	12	72.0	101.4	9.27	0.5	105.0	0.61	3/4"	6 PSI	24"x12"	BC-66
BC-67	409 MIDDLE SCHOOL	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-67
BC-68	800 MULTIPURPOSE ROOM	ENVIRO-TEC	VDD	30	2000	--	0.5	277/1	3/4 HP (K2)	6	14	51.4	67.9	11.3	45.0	57.0	5.62	1 1/4"	6 PSI	2	12	72.0	96.1	50.5	2.9	105.0	0.15	3/4"	6 PSI	48"x24"	(1) BC-68
BC-69	801 ART	ENVIRO-TEC	VDD	20	1400	--	0.5	277/1	1 HP	4	10	31.0	37.7	6.2	45.0	57.0	6.57	1"	6 PSI	2	14	72.0	95.6	36.0	2.1	105.1	0.09	3/4"	6 PSI	36"x24"	BC-69
BC-70	834 CORRIDOR	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-70
BC-71	802 MUSIC	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-71
BC-72	835 NURSE	ENVIRO-TEC	CDV	8	300	--	0.55	277/1	1/4 HP	4	12	6.97	8.56	1.4	45.0	57.0	2.3	3/4"	6 PSI	2	12	72.0	101.4	9.27	0.5	105.0	0.61	3/4"	6 PSI	24"x12"	BC-72
BC-73	833 OFFICE	ENVIRO-TEC	CDV	8	300	--	0.55	277/1	1/4 HP	4	12	6.97	8.56	1.4	45.0	57.0	2.3	3/4"	6 PSI	2	12	72.0	101.4	9.27	0.5	105.0	0.61	3/4"	6 PSI	24"x12"	BC-73
BC-74	836 CORRIDOR	ENVIRO-TEC	CDV	8	300	--	0.55	277/1	1/4 HP	4	12	6.97	8.56	1.4	45.0	57.0	2.3	3/4"	6 PSI	2	12	72.0	101.4	9.27	0.5	105.0	0.61	3/4"	6 PSI	24"x12"	BC-74
BC-75	832 OFFICE	ENVIRO-TEC	CDV	4	130	--	0.94	277/1	1/6 HP	3	10	2.8	3.29	0.5	45.0	58.1	1.33	3/4"	6 PSI	1	10	72.0	95.8	3.24	0.5	126.8	0.2	3/4"	6 PSI	24"x12"	BC-75
BC-76	831 WORKROOM	ENVIRO-TEC	VDD	8	600	--	0.5	277/1	1/2 HP	6	12	12.5	13.8	2.3	45.0	57.0	0.35	3/4"	6 PSI	2	12	72.0	92.1	12.6	0.7	105.0	0.09	3/4"	6 PSI	24"x12"	BC-76
BC-77	829 LOBBY	ENVIRO-TEC	VDD	30	2200	350	0.5	277/1	3/4 HP (K2)	6	14	57.5	70.1	11.6	45.0	57.0	1.14	1 1/4"	6 PSI	2	8	62.4	89.0	63.5	3.7	105.1	1.29	3/4"	6 PSI	48"x24"	BC-77
BC-78	803 HIGH SCHOOL	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-78
BC-79	805 SCHOOL ENTERPRISE	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-79
BC-80	804 HORTICULTURE	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-80
BC-81	830 CORRIDOR	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-81
BC-82	807 JOB COACH	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-82
BC-83	825 OFFICE	ENVIRO-TEC	CDV	4	130	--	0.94	277/1	1/6 HP	3	10	2.8	3.29	0.5	45.0	58.1	1.33	3/4"	6 PSI	1	10	72.0	95.8	3.24	0.5	126.8	0.2	3/4"	6 PSI	24"x12"	BC-83
BC-84	809A CLASSROOM	ENVIRO-TEC	VDD	20	1400	--	0.5	277/1	1 HP	4	10	31.0	37.7	6.2	45.0	57.0	6.57	1"	6 PSI	2	14	72.0	95.6	36.0	2.1	105.1	0.09	3/4"	6 PSI	36"x24"	BC-84
BC-85	80G INDEPENDENT WORK AREA	ENVIRO-TEC	VDD	8	600	--	0.5	277/1	1/2 HP	6	12	12.5	13.8	2.3	45.0	57.0	0.35	3/4"	6 PSI	2	12	72.0	92.1	12.6	0.7	105.0	0.09	3/4"	6 PSI	24"x12"	BC-85
BC-86	81 I INDEPENDENT LIVING LAB	ENVIRO-TEC	VDD	12	900	--	0.5	277/1	1/2 HP	6	14	22.3	28.8	4.8	45.0	57.0	4.33	1"	6 PSI	2	12	72.0	97.0	23.7	1.4	105.0	0.29	3/4"	6 PSI	24"x24"	BC-86
BC-87	808 WORK SKILLS	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-87
BC-88	810 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-88
BC-89	813 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-89
BC-90	815 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-90
BC-91	819 CORRIDOR	ENVIRO-TEC	VDD	20	1400	--	0.5	277/1	1 HP	4	10	31.0	37.7	6.2	45.0	57.0	6.57	1"	6 PSI	2	14	72.0	95.6	36.0	2.1	105.1	0.09	3/4"	6 PSI	36"x24"	BC-91
BC-92	812 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-92
BC-93	814 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	(2)(3) BC-93
BC-94	817 MIDDLE SCHOOL	ENVIRO-TEC	VDD	16	1200	--	0.5	277/1	1 HP	4	14	26.4	32.5	5.4	45.0	57.1	4.02	1"	6 PSI	2	12	72.0	99.5	34.6	2.0	105.0	0.62	3/4"	6 PSI	36"x24"	BC-94

BLOWER COIL NOTES:

- EXT. STATIC PRESS. INCLUDES ALL LOSSES EXTERNAL TO THE CABINET.
- TOTAL STATIC PRESS. INCLUDES E.S.P., INTERNAL LOSSES, AND DIRTY FILTER.
- HOT WATER COILS SHALL BE IN THE RE-HEAT POSITION
- PROVIDE EACH UNIT WITH A FACTORY CONTROL INTERFACE TO ALLOW THE FIELD INSTALLED APPLICATION SPECIFIC CONTROLLER CONTROL THE UNIT AND FAN SPEED.
- PROVIDE ALL UNITS WITH BI POLAR / IONIZATION UNIT (ALTERNATE #5): GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS (24 VAC, 1.2 WATTS).
- SEE SPECIFICATIONS
- PROVIDE EACH UNIT WITH A FACTORY DISCONNECT

BC REMARKS/ACCESSORIES:

- SMOKE DETECTOR
- PROVIDE 3-WAY VALVE IN LIEU OF 2-WAY VALVE ON CHILLED WATER COIL
- PROVIDE 3-WAY VALVE IN LIEU OF 2-WAY VALVE ON HOT WATER COIL

PACKAGED RESIDENTIAL STYLE RANGE HOOD

TAG	AREA SERVED	HOOD	CFM	CONFIGURATION	VOLT	POWER	MOUNTING	Manufacturer	MODEL NO.	E.S.P.	REMARKS
PRH-1	KITCHEN 115B	30" DENLAR, 1000 SERIES	172-522	SIDEWALL FAN	120V	3.7 A	WALL	DENLAR	1030-D-WF-NFA	10-.66	(1) (2)

FRH NOTES: SEE SPECIFICATIONS FOR INFORMATION ON FIRE SUPPRESSION SYSTEM

FRH REMARKS:

- ELECTRIC RANGE DISCONNECT KIT
- HANDICAP ACCESSIBLE CONTROLS

ENERGY RECOVERY VENTILATOR SCHEDULE PART 1

TAG	TRANE MODEL#	EXHAUST FAN				SUPPLY FAN				ENERGY RECOVERY WHEEL										SUPPLY AIR PRESSURE DROP	EXHAUST AIR PRESSURE DROP								
		UNIT DESIGN AIRFLOW	EXTERNAL STATIC PRESSURE	TOTAL STATIC PRESSURE	SIZE AND TYPE	MOTOR POWER	UNIT DESIGN AIRFLOW	EXTERNAL STATIC PRESSURE	TOTAL STATIC PRESSURE	SIZE AND TYPE	MOTOR POWER	MOTOR VOLTAGE	LEAVING SUPPLY AIRFLOW	SUMMER					WINTER										
ERV-1	CSAA017	4700	1.50 in-wg	2.91 in-wg	22.25" DD PLENUM	5 hp	5650	1.50 in-wg	3.60 in-wg	22.25" DD PLENUM	7.5 hp	460 V	5650	95.0 °F	74.0 °F	77.2 °F	64.0 °F	74.0 °F	62.0 °F	90.7 °F	71.7 °F	80.7 °F	0.0 °F	58.0 °F	70.0 °F	13.6 °F	0.7908	0.43 in-wg	0.47 in-wg

ENERGY RECOVERY VENTILATOR SCHEDULE PART 2

TAG	COIL PERFORMANCE AIRFLOW (CFM)	FACE AREA	FACE VELOCITY	COOLING COIL					HEATING COIL					DIRTY FILTER ALLOWANCE	REMARKS											
				FACE AREA	FACE VELOCITY	EAT (WB)	EAT (DB)	LAT (WB)	LAT (DB)	TOTAL CAPACITY	SENSIBLE CAPACITY	Fluid Flow Rate	EWT			LWT	ROWS	FACE AREA	FACE VELOCITY	EAT	LAT	TOTAL CAPACITY	Flow Rate	EWT	LWT	ROWS
ERV-1	5650	16.8 SF	336 FPM	77 °F	64 °F	50 °F	50 °F	229100	169280	38.1 GPM	45.0 °F	57.0 °F	8	128	16.8 SF	336 FPM	58 °F	90.0 °F	196100 Btu/h	11.2 GPM	140.0 °F	105.0 °F	2	152	0.51 in-wg	(1) (2) (3) (4) (5)

ERV NOTES:

- EXT. STATIC PRESS. INCLUDES ALL LOSSES EXTERNAL TO THE CABINET.
- TOTAL STATIC PRESS. INCLUDES E.S.P., INTERNAL LOSSES, AND DIRTY FILTER.
- FILTER HOUSING SHALL HAVE 4" FILTER CAPACITY (SEE SPECIFICATIONS FOR SIZE/TYP OF FILTERS REQUIRED)
- ALL ACCESS AND FAN SECTIONS SHALL HAVE HINGED ACCESS DOORS (BOTH SIDES)

ERV REMARKS:

- SMOKE DETECTOR (BY ELECTRICAL)
- PROVIDE VFD FOR SUPPLY AND EXHAUST FANS (BY MECHANICAL CONTRACTOR)
- PROVIDE FACTORY PIEZOMETER RING FOR AIRFLOW MEASUREMENT ON SUPPLY AND EXHAUST FANS
- PROVIDE 3-WAY VALVE IN LIEU OF 2-WAY VALVE ON CHILLED WATER COIL
- PROVIDE 3-WAY VALVE IN LIEU OF 2-WAY VALVE ON HOT WATER COIL

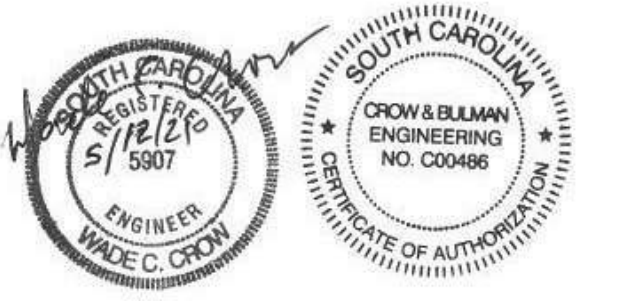
MAKEUP AIR UNIT SCHEDULE PART 1

TAG	AREA SERVED	TRANE MODEL NO.	SUPPLY CFM	O.A. CFM	ESP	TSP	FAN HP	PREHEAT COIL (INTEGRAL FACE				
-----	-------------	-----------------	------------	----------	-----	-----	--------	-----------------------------	--	--	--	--

CONSULTANT LOGO



SEALS



SPARTANBURG COUNTY SCHOOL DISTRICT 7

ADDITION AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
HVAC SCHEDULES

SHEET NO. PROJ. NO.
2022

M401

TAG	MFR. # MODEL	DESIGN AIRFLOW (CFM)	MIN OA FLOW (CFM)	UNIT VOLTAGE	REMARKS
AH-1	Trane #03 CLIMATE CHG.	1170	1170	460/3	
AH-2	Trane #03 CLIMATE CHG.	1410	1410	460/3	
AH-3	Trane #12 L. P. CLIMATE CHG.	4100	465	460/3	(1)
AH-4	Trane #03 CLIMATE CHG.	1150	1150	460/3	
AH-5	Trane #06 CLIMATE CHG.	1510	1510	460/3	
AH-6	Trane #30 CLIMATE CHG.	10845	3790	460/3	(1)
AH-7	Trane #10 CLIMATE CHG.	2730	450	460/3	(1)
AH-8	Trane #12 CLIMATE CHG.	4900	4900	460/3	
AH-9	Trane #08 CLIMATE CHG.	1750	1750	460/3	
AH-10	Trane #03 CLIMATE CHG.	1280	1280	460/3	
AH-11	Trane #03 CLIMATE CHG.	2730	450	460/3	(1)

NOTES/REMARKS:
(1) INSTALL NEW BIPOLAR IONIZATION UNIT - GFS IMOD ON AIR HANDLER (PER ALTERNATE #5)

TAG	CFM	VOLTAGE	K.W.	BTU/H OUTPUT	MOUNTING	DISCHARGE ARRANGEMENT	MANUFACTURER	MODEL	REMARKS
UH-1	400	277/1	3.3	11.2	HIGH SIDEWALL	HORIZONTAL	MARKEL	5100 SERIES	1, 2, 3

REMARKS:
1. DISCONNECT
2. BUILT-IN THERMOSTAT
3. WALL MOUNT BRACKET

TAG	NECK SIZE	NOMINAL FACE SIZE	SERVICE	MOUNTING	MANUFACTURER	MODEL	REMARKS
A1	6 x 6	24 x 24	SUPPLY	LAY IN, T-BAR	PRICE	SMD	
A2	9 x 9	24 x 24	SUPPLY	LAY IN, T-BAR	PRICE	SMD	
A3	12 x 12	24 x 24	SUPPLY	LAY IN, T-BAR	PRICE	SMD	
A4	15 x 15	24 x 24	SUPPLY	LAY IN, T-BAR	PRICE	SMD	
B1	6 x 6	11 x 11	SUPPLY	CEILING, SURFACE	PRICE	SMD	WOBD
B2	9 x 9	14 x 14	SUPPLY	CEILING, SURFACE	PRICE	SMD	WOBD
B3	12 x 12	17 x 17	SUPPLY	CEILING, SURFACE	PRICE	SMD	WOBD
C1	12 x 6	14 x 8	SUPPLY	LOW SIDEWALL	PRICE	920	
D1	18 x 12	20 x 14	SUPPLY	HIGH SIDEWALL	PRICE	520	
E1	6 x 6	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
E2	8 x 8	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
E3	10 x 10	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
E4	12 x 12	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
E5	14 x 14	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
E6	18 x 18	24 x 24	RETURN	LAY IN, T-BAR	PRICE	PDDR	
F1	14 x 8	16 x 10	RETURN	LOW SIDEWALL	PRICE	93	
F2	18 x 18	20 x 20	RETURN	LOW SIDEWALL	PRICE	93	
F3	20 x 26	22 x 40	RETURN	LOW SIDEWALL	PRICE	93	
F4	22 x 36	24 x 38	RETURN	LOW SIDEWALL	PRICE	93	
F5	24 x 24	26 x 26	RETURN	LOW SIDEWALL	PRICE	93	
F6	36 x 48	38 x 50	RETURN	LOW SIDEWALL	PRICE	93	
G1	20 x 20	24 x 24	RETURN	LAY IN, T-BAR	PRICE	80	
H1	10 x 10	14 x 14	RETURN	CEILING, SURFACE	PRICE	10	

AIR DEVICE NOTES:
• BLOW TYPE SHALL BE 4-WAY UNLESS INDICATED OTHERWISE ON THE FLOOR PLANS
• COORDINATE EXACT LOCATIONS WITH REFLECTED CEILING PLANS
• PROVIDE SQUARE TO ROUND TRANSITION AS REQUIRED
• WHERE TWO RETURN AIR GRILLS ARE JOINED TOGETHER, (SEE GRILL JOINING DETAIL)
• ADJUST HORIZONTAL BLADES FOR 15 DEGREES UPWARDS, ALL SIDEWALL SUPPLY REGISTERS
• AIR DEVICES TAGGED WITH 'ST' SHALL HAVE A SOUND TRAP. (SEE DETAIL SOUND TRAP DETAIL)

TAG	AREA SERVED	CFM	S.P. (IN WG)	HP OR WATTS	ELEC. PH	FAN RPM	SONES	MOUNTING	MAKE / MODEL NO.	REMARKS
EF-25	KILN ROOM	400	0.5	1/10 HP	115/1	1646	8.2	INLINE	GREENHECK 5Q-90-VG	(1) (2) (1) (1) (2)
EF-26	KITCHEN HOOD EXHAUST	4305	1.0	5 HP	460/3	1231	24	ROOF	CAPTIVAIRE DU200HFA	(1) (4) (6) (8) (9) (10)
EF-27	DISHWASH	600	0.5	1/10 HP	115/1	1675	8.4	ROOF	GREENHECK CUE-090-VG	(1) (2) (4) (5) (8)
EF-28	(DELETED - NOT USED)									
EF-29	TLT E200A	75	0.3	76 WATTS	277/1	950	0.9	CEILING	GREENHECK 5P-A110	(1) (2)
EF-30	TLT E217	75	0.3	76 WATTS	277/1	950	0.9	CEILING	GREENHECK 5P-A110	(1) (2)

REMARKS:
1. DISCONNECT SWITCH
2. BACKDRAFT DAMPER
3. (NOT USED)
4. BIRD SCREEN
5. MOTOR STARTER
6. VARIABLE FREQUENCY DRIVE (NOT USED)
7. (NOT USED)
8. ROOF CURB (WIND RATED) TO MATCH ROOF SLOPE (SEE ARCH DRAWINGS.)
9. UL 762 RATED # HINGED ROOF CURB
10. MOTOR STARTERS/RELAYS FOR INTERLOCK WITH EXHAUST HOOD CONTROLS. (SEE SPECS. AND SEQUENCE OF OPERATIONS.)
11. TIMED WALL SWITCH BY CONTROLS
12. THERMOSTAT (FURNISHED BY HVAC CONTRLS)

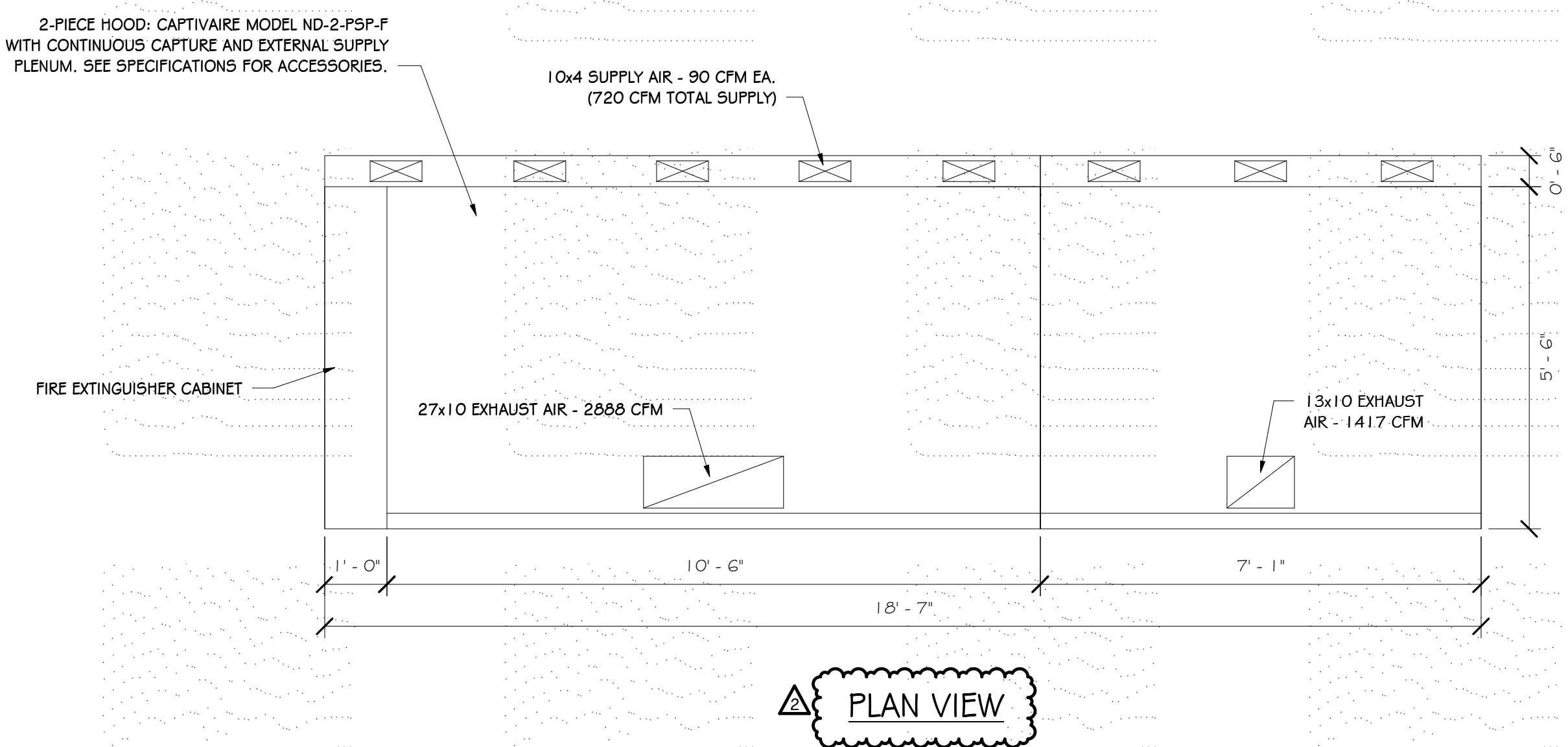
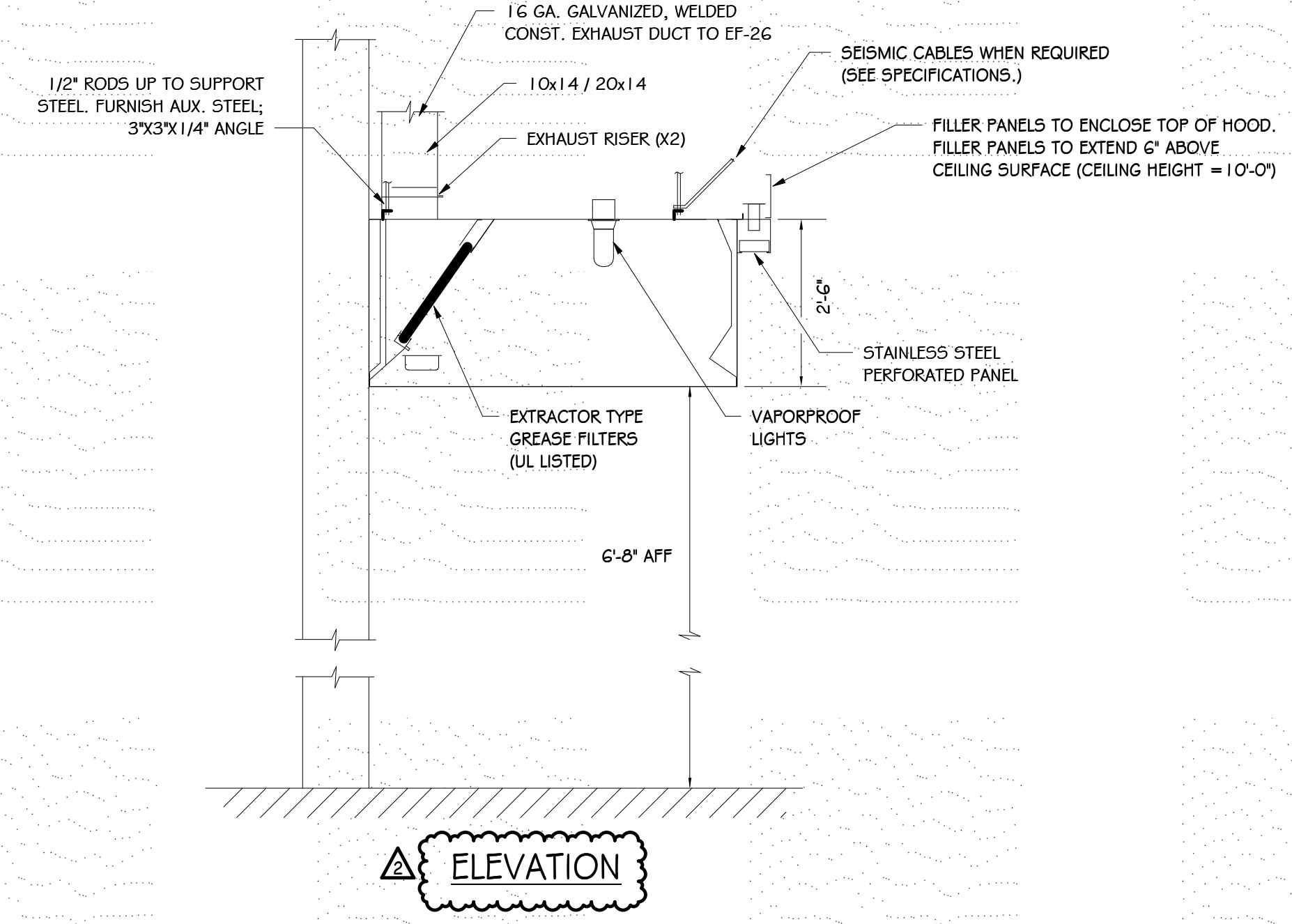
TAG	LOCATION	SERVICE	GPM	FT. HEAD	TYPE	PUMP MOTOR HP	VOLT	PUMP RPM	MANUFACTURER	Model	TRIPLE DUTY VALVE SIZE	Cv	REMARKS
P-1	MECHANICAL A278	CW DISTRIBUTION	560	115	BASE MOUNTED, CENTRIFUGAL	25	460/3	1800	B * G	3 GB	--	--	(1)
P-6	MECHANICAL A277	HW DISTRIBUTION	210	180	BASE MOUNTED, CENTRIFUGAL	15	460/3	1800	B * G	2 GB	--	--	(1)
P-7	MECHANICAL A277	HW DISTRIBUTION (STAND-BY)	210	180	BASE MOUNTED, CENTRIFUGAL	15	460/3	1800	B * G	2 GB	--	--	(1)
P-10	MECHANICAL A278	CW DISTRIBUTION (STAND-BY)	560	115	BASE MOUNTED, CENTRIFUGAL	25	460/3	1800	B * G	3 GB	--	--	(1)

REMARKS/ACCESSORIES:
1. VARIABLE FREQUENCY DRIVE

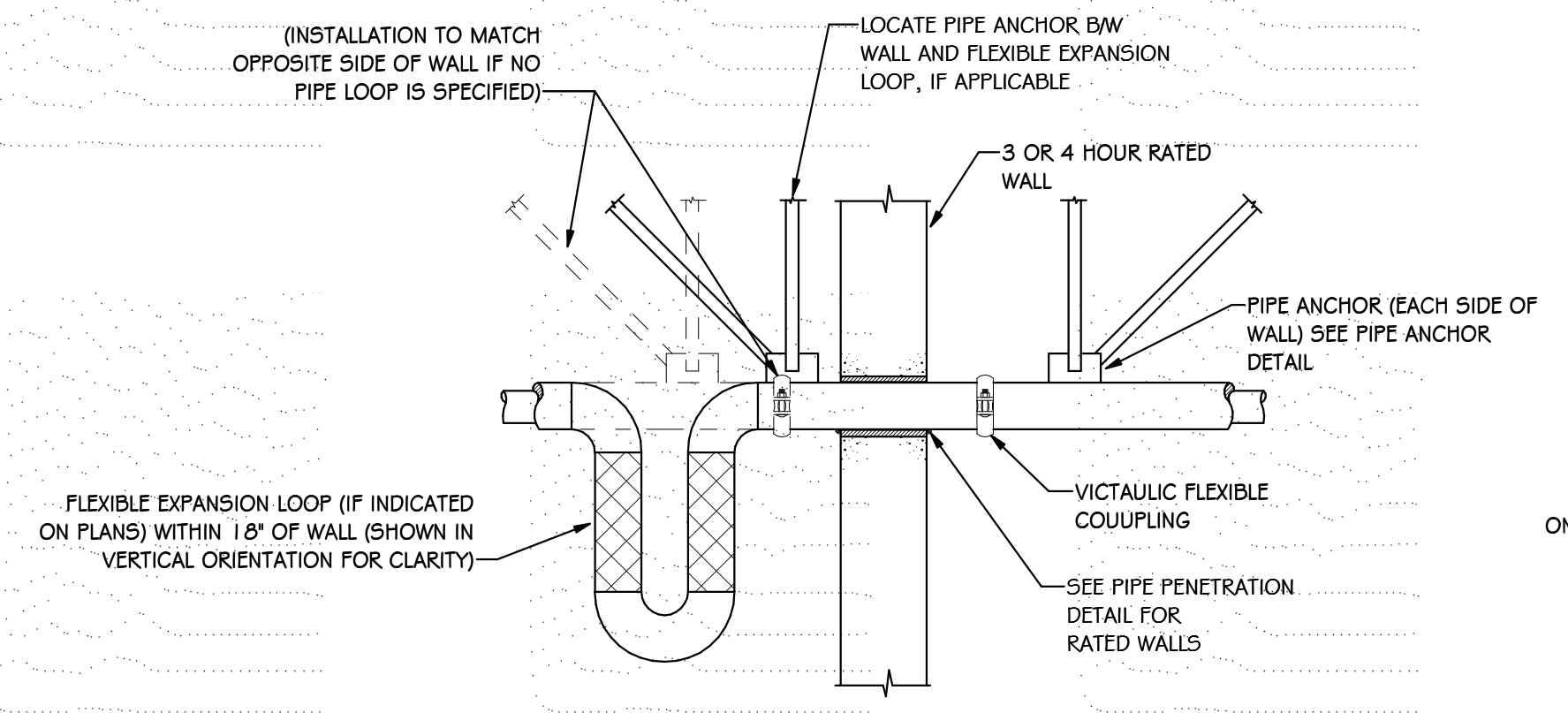
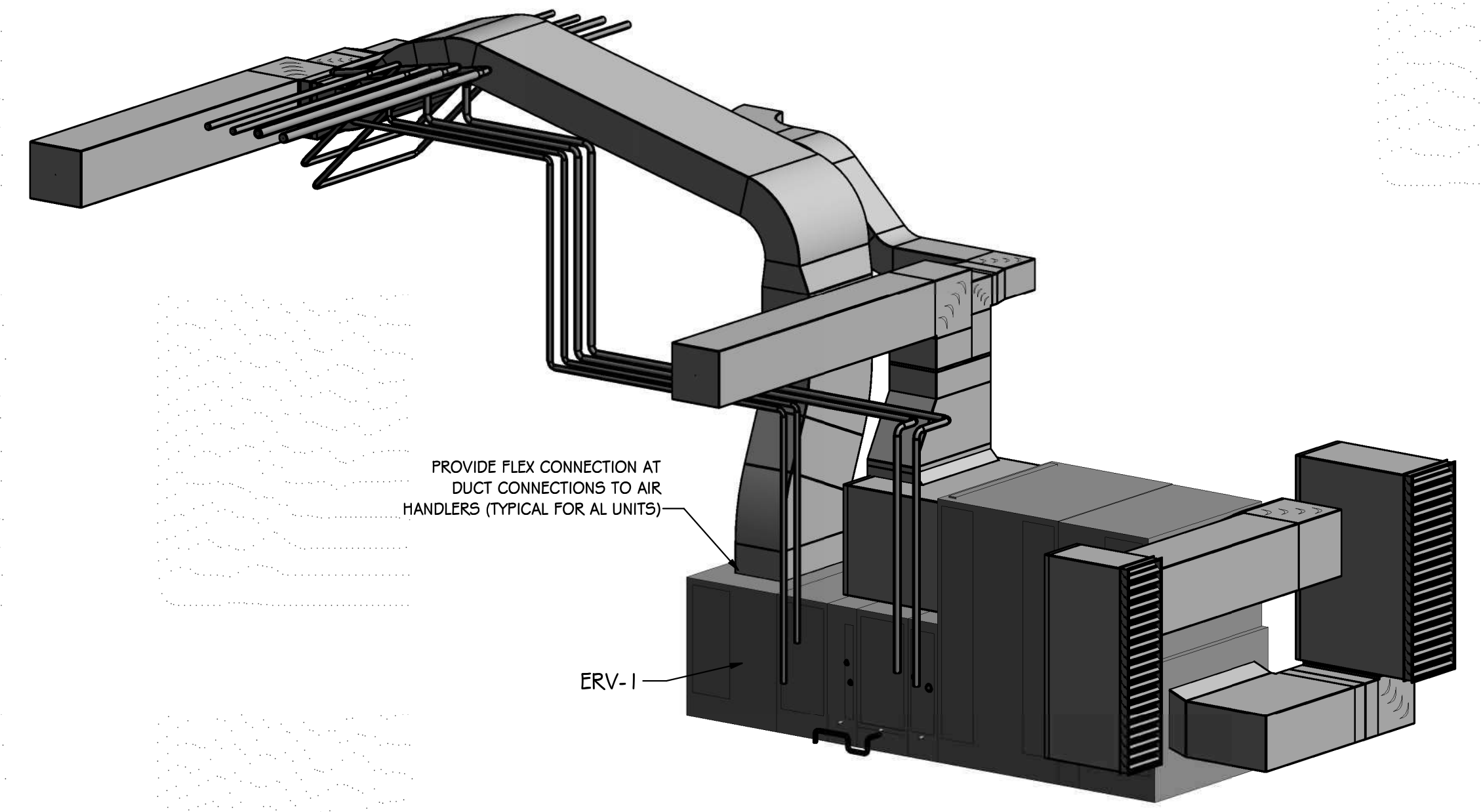
TAG	ROOM NAME	DESIGN AIRFLOW (CFM)	MIN OA FLOW (CFM)	UNIT VOLTAGE	MOTOR HP	COOLING FLOW (GPM)	PIC VALVE SIZE	HEATING FLOW (GPM)	PIC VALVE SIZE	MAKE # MODEL	REMARKS
BC-1	Vest A100	1600	0	460/60/3	3/4	7.6	1-1/4	3.53	I	Trane BC_B 054	
BC-2	Clinic C129-32	775	170	115/60/1	1/4	3.7	I	1.40	3/4	Trane BC_B 036	(1) (3)
BC-3	NOT USED										
BC-4	Speech C101-37	850	250	115/60/1	1/3	3.8	I	1.50	3/4	Trane BC_B 036	(1) (3)
BC-5	NOT USED										
BC-6	Corr A102,126	900	0	115/60/1	1/3	5.2	I	1.40	3/4	Trane BC_B 036	
BC-7	Computer-A125	1150	215	460/60/3	1/2	5.3	I	1.71	3/4	Trane BC_B 036	(1) (3)
BC-8	P/T,O/T-C116	1650	305	460/60/3	3/4	7.2	1-1/4	2.55	3/4	Trane BC_B 054	(1) (3)
BC-9	NOT USED										
BC-10	Corr-A133	750	0	115/60/1	1/3	4.6	I	2.02	3/4	Trane BC_B 036	
BC-11	PD-A154	940	195	115/60/1	1/3	4.4	I	1.54	3/4	Trane BC_B 036	(1) (3)
BC-12	PD-A136	900	195	115/60/1	1/3	4.3	I	1.51	3/4	Trane BC_B 036	(1) (3)
BC-13	PD-A140	900	195	115/60/1	1/3	4.2	I	1.51	3/4	Trane BC_B 036	(1) (3)
BC-14	PD-A151	950	195	115/60/1	1/3	4.4	I	1.56	3/4	Trane BC_B 036	(1) (3)
BC-15	Corr-A134	750	0	115/60/1	1/3	3.9	I	1.27	3/4	Trane BC_B 036	
BC-16	PD-A147	950	195	115/60/1	1/3	4.5	I	1.56	3/4	Trane BC_B 036	(1) (3)
BC-17	PD-A144	900	195	115/60/1	1/3	4.2	I	1.51	3/4	Trane BC_B 036	(1) (3)
BC-18	Wrk Rm-B121	620	50	460/60/3	1/2	2.6	3/4	0.84	3/4	Trane BC_B 018	(1) (3)
BC-19	Multi Sens.-B100	400	100	115/60/1	1/4	1.8	3/4	0.85	3/4	Trane BC_B 012	(1) (3)
BC-20	Coordinate.-B120	250	40	115/60/1	1/4	1.3	3/4	0.66	3/4	Trane BC_B 012	(1) (3)
BC-21	OD-B105	880	195	115/60/1	1/3	4.1	I	1.50	3/4	Trane BC_B 036	(1) (3)
BC-22	OD-B116	940	195	115/60/1	1/3	4.4	I	1.54	3/4	Trane BC_B 036	(1) (3)
BC-23	Corr-B102	550	100	115/60/1	1/3	3.0	3/4	1.21	3/4	Trane BC_B 018	
BC-24	OD-B112	950	195	115/60/1	1/3	4.5	I	1.55	3/4	Trane BC_B 036	(1) (3)
BC-25	Trans/Sur-B109	900	195	115/60/1	1/3	4.2	I	1.51	3/4	Trane BC_B 036	(1) (3)
BC-26	IEP Cont.-B122	250	60	115/60/1	1/4	1.3	3/4	0.65	3/4	Trane BC_B 012	(1) (3)
BC-27	Train. Dis-B145	840	195	115/60/1	1/3	3.4	3/4	1.47	3/4	Trane BC_B 036	(1) (3)
BC-28	Behavior B125-31	380	85	115/60/1	1/4	1.8	3/4	0.82	3/4	Trane BC_B 012	(1) (3)
BC-29	Train. Dis-B143	840	195	115/60/1	1/3	3.4	3/4	1.46	3/4	Trane BC_B 036	(1) (3)
BC-30	Train. Dis-B133	780	195	115/60/1	1/3	3.6	I	1.41	3/4	Trane BC_B 036	(1) (3)
BC-31	Corr-B124	750	0	115/60/1	1/4	3.4	3/4	1.27	3/4	Trane BC_B 036	
BC-32	Train. Dis-B135	780	195	115/60/1	1/3	3.6	I	1.41	3/4	Trane BC_B 036	(1) (3)
BC-33	Train. Dis-B141	840	195	115/60/1	1/3	3.4	3/4	1.46	3/4	Trane BC_B 036	(1) (3)
BC-34	Train. Dis-B139	840	195	115/60/1	1/3	3.9	I	1.46	3/4	Trane BC_B 036	(1) (3)
BC-35	Train. Dis-B137	800	195	115/60/1	1/3	3.7	I	1.43	3/4	Trane BC_B 036	(1) (3)
BC-36	Therapy-C117,24	500	140	115/60/1	1/3	2.5	3/4	0.81	3/4	Trane BC_B 018	(1) (3)
BC-37	Corr-C105,115	600	0	460/60/3	1/2	3.7	I	0.80	3/4	Trane BC_B 018	
BC-38	Whirlpool-C146	1100	40	460/60/3	1/2	7.8	1-1/4	1.57	3/4	Trane BC_B 036	(1) (3)
BC-39	Corr-C114,167	2000	0	460/60/3	3/4	9.3	1-1/4	4.67	I	Trane BC_B 072	
BC-40	Corr-C149	750	0	115/60/1	1/3	3.2	3/4	1.27	3/4	Trane BC_B 036	
BC-41	Wrk Rm-C140	450	40	115/60/1	1/4	2.0	3/4	0.71	3/4	Trane BC_B 018	(1) (3)
BC-42	Corr-C166,67	1120	0	460/60/3	1/2	6.2	I	2.65	3/4	Trane BC_B 036	
BC-43	Psych.-D125-7	250	60	115/60/1	1/4	1.5	3/4	0.66	3/4	Trane BC_B 012	(1) (3)
BC-44	ED-D101	840	195	115/60/1	1/3	3.9	I	1.47	3/4	Trane BC_B 036	(1) (3)
BC-45	ED-D138	880	195	115/60/1	1/3	4.1	I	1.52	3/4	Trane BC_B 036	(1) (3)
BC-46	Book/Eq-D137	250	75	115/60/1	1/4	1.5	3/4	0.66	3/4	Trane BC_B 012	(1) (3)
BC-47	NOT USED										
BC-48	Offices C122-2	840	280	115/60/1	1/3	3.4	3/4	1.53	3/4	Trane BC_B 036	(1) (3)
BC-49	ED-D135	880	205	115/60/1	1/3	4.1	I	1.50	3/4	Trane BC_B 036	(1) (3)
BC-50	Multi Pump-D104	840	195	115/60/1	1/3	3.9	I	1.47	3/4	Trane BC_B 036	(1) (3)
BC-51	Corr-D100	975	0	115/60/1	1/3	4.4	I	1.46	3/4	Trane BC_B 036	
BC-52	ED-D107	880	205	115/60/1	1/3	4.1	I	1.50	3/4	Trane BC_B 036	(1) (3)
BC-53	Iss D110-121	950	140	115/60/1	1/2	3.3	3/4	0.90	3/4	Trane BC_B 018	(1) (3)
BC-54	ED-D134	600	195	115/60/1	1/3	4.2	I	1.51	3/4	Trane BC_B 036	(1) (3)
BC-55	Art D141	1060	205	115/60/1	1/2	4.9	I	1.64	3/4	Trane BC_B 036	(1) (4)
BC-56	Music-D157	1050	200	115/60/1	1/2	4.9	I	1.63	3/4	Trane BC_B 036	(1) (4)
BC-57	Corr-D140	775	0	115/60/1	1/3	3.5	I	1.67	3/4	Trane BC_B 036	
BC-58	Autistic-D147	800	195	115/60/1	1/3	3.7	I	1.43	3/4	Trane BC_B 036	(1) (3)
BC-59	ED-D155	1180	195	115/60/1	1/2	5.6	I	1.71	3/4	Trane BC_B 036	(1) (3)
BC-60	Multi Sens.-D153	250	25	115/60/1	1/4	1					

SHEET NOTES:

- REFER TO GENERAL NOTES ON SHEET M101.

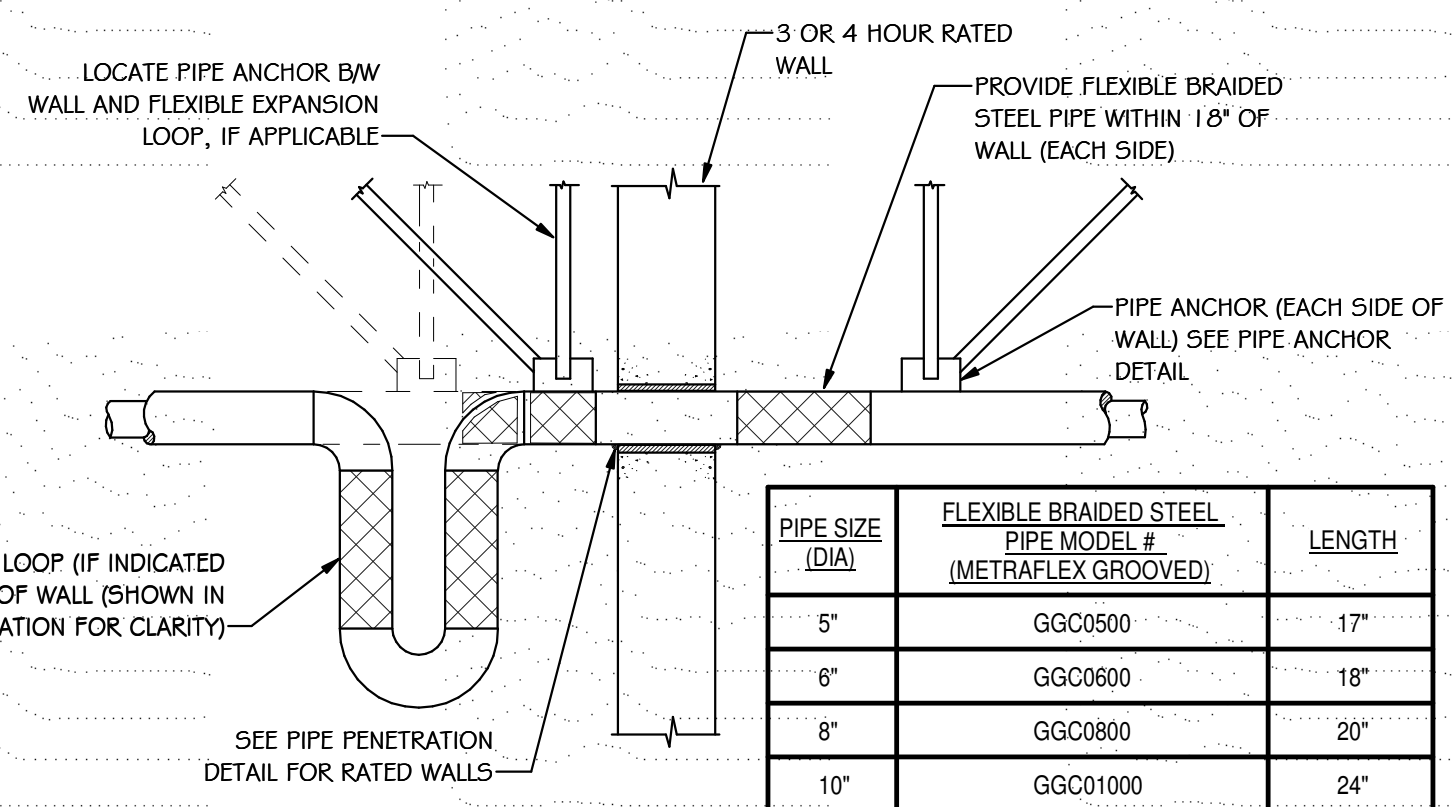


KITCHEN RANGE HOOD DETAILS
SCALE: 1/2" = 1'-0"



**FLEXIBLE COUPLING AT RATED WALL DETAIL-
PIPE UP TO 4"Ø**
NO SCALE

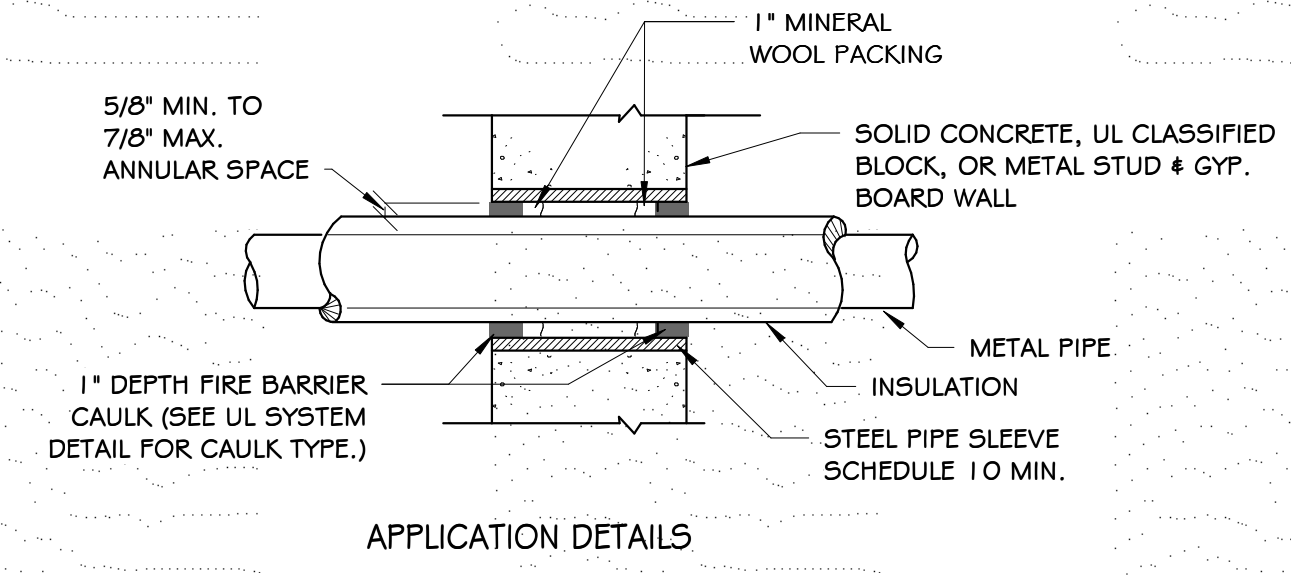
NOTE: WHERE FLEXIBLE EXPANSION LOOP IS SPECIFIED NEAR 3-HOUR WALL (SEE PLANS), SUBSTITUTE FLEXIBLE EXPANSION LOOP FOR FLEXIBLE BRAIDED STEEL PIPE, AND LOCATE PIPE ANCHOR BETWEEN WALL AND PIPE LOOP.



**FLEXIBLE PIPE AT RATED WALL DETAIL-
PIPE LARGER THAN 4"Ø**
NO SCALE

NOTE: WHERE FLEXIBLE EXPANSION LOOP IS SPECIFIED NEAR 3-HOUR WALL (SEE PLANS), SUBSTITUTE FLEXIBLE EXPANSION LOOP FOR FLEXIBLE BRAIDED STEEL PIPE, AND LOCATE PIPE ANCHOR BETWEEN WALL AND PIPE LOOP.

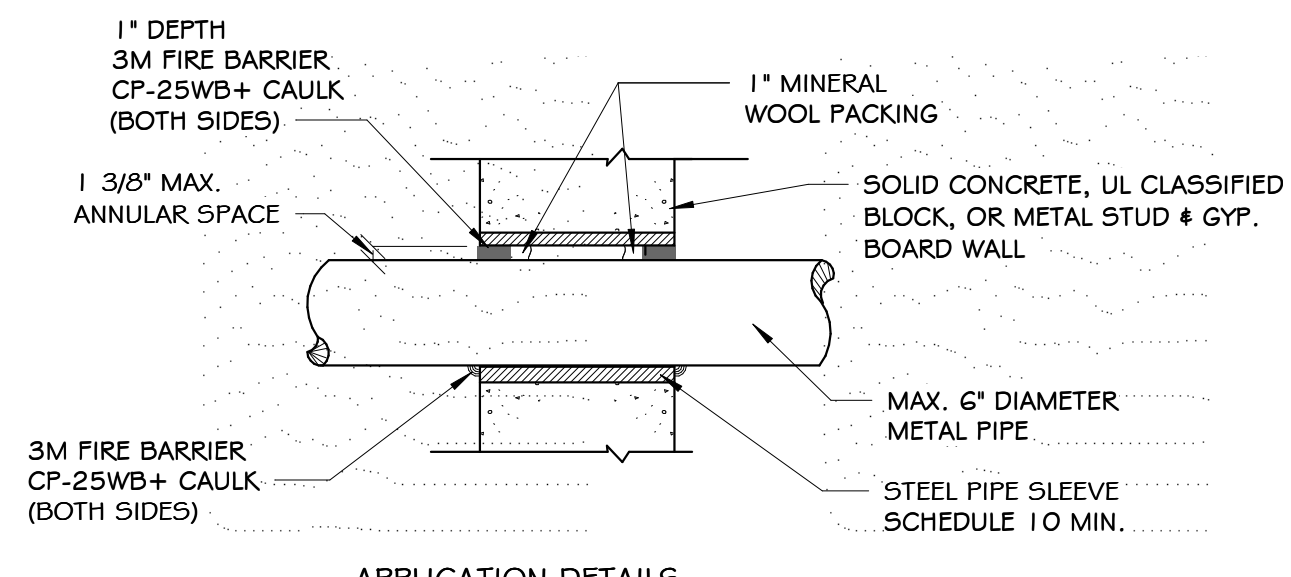
PIPE SIZE (DIA)	FLEXIBLE BRAIDED STEEL PIPE MODEL # (METRIC EX GROOVED)	LENGTH
5"	GGC02500	17"
6"	GGC06000	18"
8"	GGC08000	20"
10"	GGC010000	24"
12"	GGC012000	25"



- INSULATED PIPE (1, 2, 3 OR 4 HR)**
SEE FLEXIBLE COUPLING DETAIL ON THIS SHEET FOR 3 OR 4 HR.
UL SYSTEM #CBJ5002
(FOR PIPING LARGER THAN 6" USE UL SYSTEM #CBJ5003)
- DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS**
NO SCALE
- INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDERS OF THE WALL ASSEMBLY.
 - MINIMUM ANNULAR SPACE REQUIREMENT IS 5/8". MAXIMUM ANNULAR SPACE ALLOWABLE IS 7/8".
 - RECESS A NOMINAL 1" THICKNESS OF TIGHTLY PACKED MINERAL WOOL FIRE SAFING, 1" FROM THE WALL SURFACE.
 - FILL THE ANNULAR SPACE AROUND THE PIPE WITH A MINIMUM 1" DEPTH OF FIRE BARRIER CAULK. (SEE UL SYSTEM DETAIL FOR CAULK TYPE.)
- NOTE: FOR PIPE INSULATED WITH RUBBER BASED FLEXIBLE INSULATION, INSTALL A FIBERGLASS INSERT AT THE FIRE WALL PENETRATION IN LIEU OF THE FLEXIBLE RUBBER INSULATION. (THE FIBERGLASS INSERT SHALL BE THE SAME THICKNESS AS THE RUBBER BASED INSULATION.) THE FIBERGLASS INSERT SHALL EXTEND 6" (MIN.) ON EACH SIDE OF FIRE WALL.

INSULATED PIPE (1, 2, 3 OR 4 HR)
SEE FLEXIBLE COUPLING DETAIL ON THIS SHEET FOR 3 OR 4 HR.
UL SYSTEM #CBJ5002
(FOR PIPING LARGER THAN 6" USE UL SYSTEM #CBJ5003)

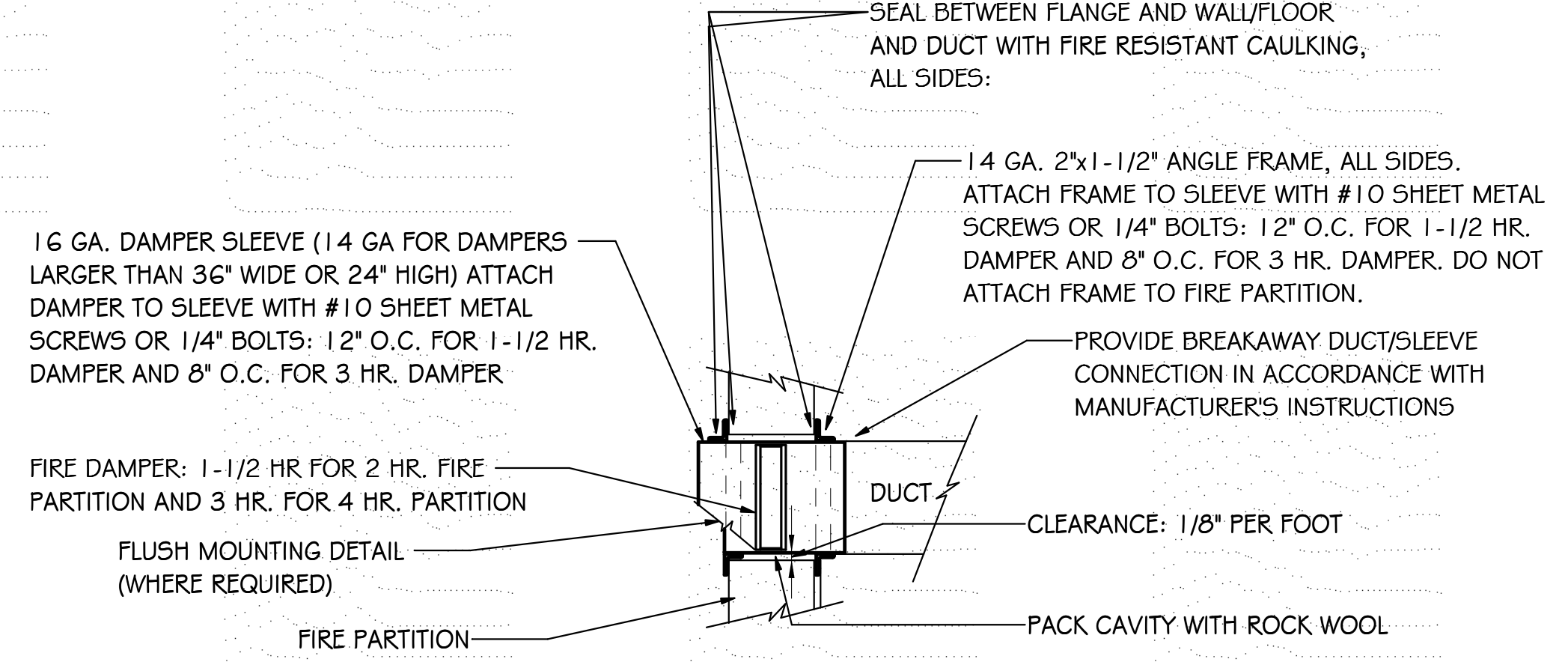
DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS
NO SCALE



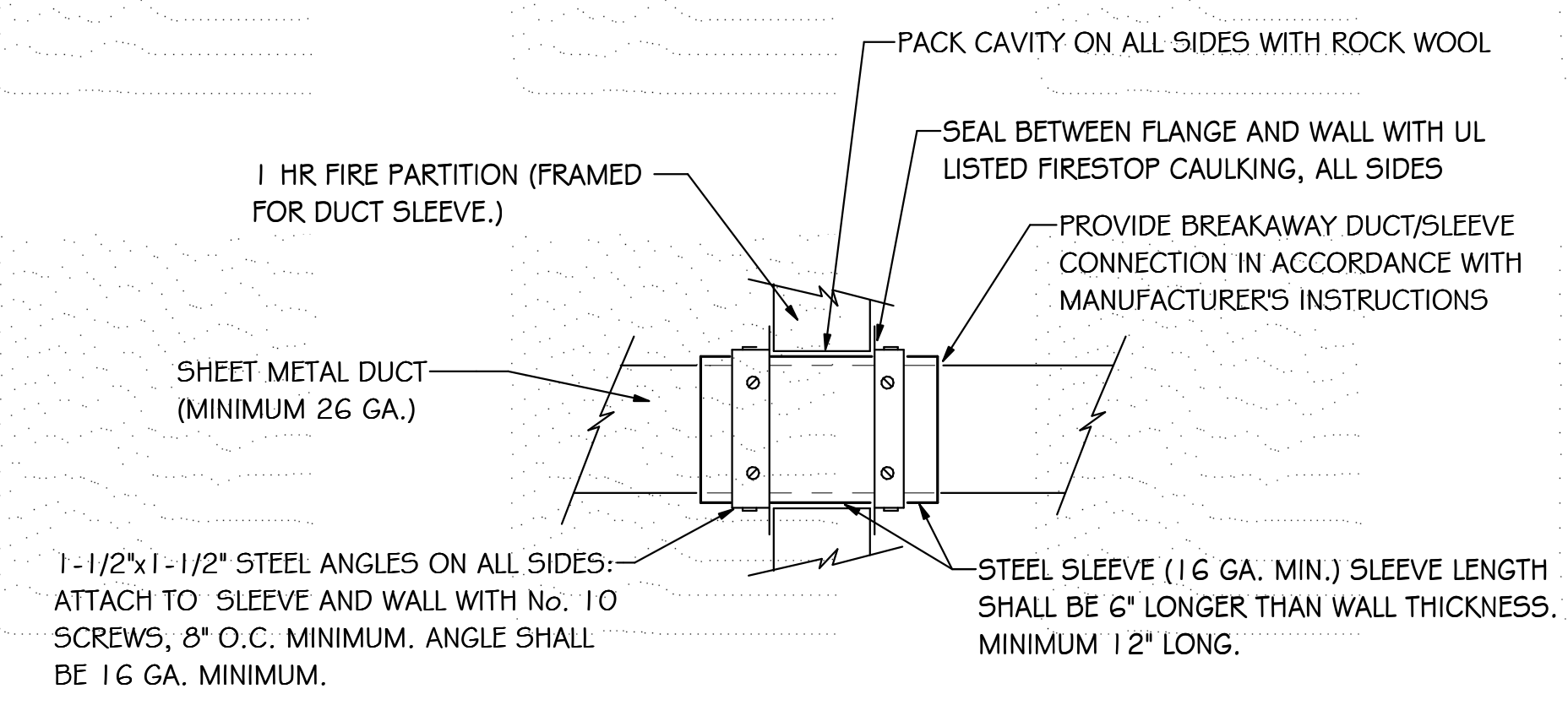
- UNINSULATED PIPE (1 OR 2 HR)**
(UL SYSTEM #CAJ1044)
- DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS**
NO SCALE
- INSTALL THE FIRESTOP SYMMETRICALLY ON BOTH SIDERS OF THE WALL ASSEMBLY.
 - MINIMUM ANNULAR SPACE REQUIREMENT IS ZERO, POINT CONTACT. MAXIMUM ANNULAR SPACE ALLOWABLE IS 1 3/8".
 - RECESS A NOMINAL 1" THICKNESS OF TIGHTLY PACKED MINERAL WOOL FIRE SAFING, 1" FROM THE WALL SURFACE.
 - FILL THE ANNULAR SPACE AROUND THE PIPE WITH A MINIMUM 1" DEPTH OF 3M FIRE BARRIER CP-25WB+ CAULK.

UNINSULATED PIPE (1 OR 2 HR)
(UL SYSTEM #CAJ1044)

DETAIL OF PIPE PENETRATION OF ALL FIRE RATED FLOORS & PARTITIONS
NO SCALE



- NOTES:**
- FIRE DAMPER SHALL BE SIZED FOR METAL TO METAL DUCT DIMENSIONS. PARTITION OPENING SHALL BE SIZED FOR 1/8" CLEARANCE PER FOOT OF WIDTH OR HEIGHT.
 - REFER TO MANUFACTURER'S RECOMMENDATIONS FOR ADDITIONAL DETAIL.
 - ALTERNATE INSTALLATION DETAILS SHALL BE ACCEPTABLE IF SHOWN TO BE IN COMPLIANCE WITH NFPA 90A & MFR'S LISTING.
 - FOR INSULATED DUCTS: WRAP EXPOSED PORTION OF SLEEVE WITH 2" THICK, 3/4 PCF DENSITY FIBERGLASS INSULATION WITH FOIL FACING, STAPLE AND SEAL WITH FABRIC AND MASTIC.
 - ACCESS DOOR WHERE REQUIRED, SEE SPECIFICATIONS.



SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	
2	05/12/2021	Addendum No. 2	
3	05/14/2021	Addendum No. 3	

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
HVAC DETAILS

SHEET NO. PROJ. NO.
2022

M500

GENERAL NOTES

- ALL ELECTRICAL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE 2017 VERSION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER LOCAL CODES, LAWS, AND ORDINANCES, WHERE ONE CODE DIFFERS FROM ANOTHER, THE STRICTER OF THE TWO SHALL APPLY.
- IT IS THE DUTY OF THE ELECTRICAL CONTRACTOR TO BE FAMILIAR WITH THE CONSTRUCTION DETAILS OF THE BUILDING. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE ELECTRICAL SYSTEM WITH ALL OTHER TRADES AND SHALL COMPLETE THE ELECTRICAL INSTALLATION AS SOON AS CONDITIONS WILL ALLOW.
- ALL WORK SHALL BE DONE IN A NEAT, QUALITY MANNER WITH ALL WIRING AND RACEWAYS CONCEALED.
- ALL ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC IN NATURE. THE ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES WORKING ON THE PREMISES.
- ELECTRICAL CONTRACTOR SHALL CONTACT THE ARCHITECT AFTER INSTALLATION OF ALL SWITCH, RECEPTACLE, TELEPHONE, TELEVISION, AND LIGHTING BOXES FOR AN ON-SITE REVIEW BEFORE ANY WIRING IS INSTALLED OR WALL SURFACES ARE COMPLETE. THE ARCHITECT MAY, AT THIS POINT, MAKE ADJUSTMENTS TO THE BOX LOCATIONS AS DESIRED.
- WHERE CONDUIT AND WIRING HAS NOT BEEN SHOWN ON THE DRAWINGS THE ARRANGEMENT AND ROUTING OF LIGHTING AND RECEPTACLE BRANCH CIRCUITS WILL BE AT THE CONTRACTOR'S DISCRETION IN ACCORDANCE WITH GENERALLY ACCEPTED GOOD PRACTICE, N.E.C. REQUIREMENTS AND THE FOLLOWING LIMITATIONS:
 - SIZE BRANCH CIRCUIT CONDUCTORS WITHIN THE FOLLOWING MAXIMUM LENGTH LIMITS: (MEASURE TO THE CENTER OF THE LOAD FOR LIGHTING CIRCUITS AND THE MOST REMOTE OUTLET FOR RECEPTACLE CIRCUITS)

	#12	#10	#8	#6
120V., 20A.	85'	110'	165'	270'
277V., 20A.	160'	250'	390'	600'
- THIS PROJECT TO MEET NFPA 72 AND ADA REQUIREMENTS REGARDING MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- RECESSED LIGHTING FIXTURES MUST HAVE 1/2" CLEARANCE FROM COMBUSTIBLE MATERIALS AND 3" CLEARANCE FROM INSTALLATION OR BE IC RATED PER ARTICLE 410.116 (A) 1 AND 2 AND 410.116 (B) OF THE 2017 NEC.
- DURING CONSTRUCTION OPERATIONS, THE ELECTRICAL CONTRACTOR SHALL FAITHFULLY MAKE A RECORD OF ALL APPROVED CHANGES FROM THE CONTRACT DRAWINGS, INCLUDING ACCURATE DIMENSIONS WHERE APPLICABLE, AND SHALL ALSO RECORD ACCURATE DIMENSIONS LOCATING ALL BELOW-GRADE OUTSIDE ELECTRICAL UTILITIES (WHETHER CHANGED OR NOT) WITH REFERENCE TO PERMANENT ABOVE-GRADE OBJECTS. AT THE COMPLETION OF THE WORK ALL SUCH CHANGES SHALL BE RECORDED NEATLY IN RED INK BY THE ELECTRICAL CONTRACTOR ON AN UNDATED SET OF THE ELECTRICAL CONTRACT DRAWINGS SUPPLIED BY THE ARCHITECT. THE RED LINE CHANGES SHALL BE REVIEWED AND APPROVED BY THE ENGINEER AND THE COMPLETED RECORD PRINTS RETURNED TO THE ARCHITECT.
- MINIMUM SIZE CONDUIT FOR 20A CIRCUITS IS 3/4" CONDUIT FOR METALLIC AND PVC CONDUIT. MC CABLE IS PERMISSIBLE FOR LIGHT FIXTURE WHIPS ONLY (LESS THAN 6 FEET) PROVIDED THAT THEY ARE FURNISHED BY THE LIGHTING MANUFACTURER.
- ALL PRE-WIRED EQUIPMENT MUST BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY PER ARTICLE 110.3 (A AND B) OF THE 2017 NEC.
- THE TERMINATION PROVISIONS OF EQUIPMENT MUST BE USED IN DETERMINING THE AMPACITIES OF CONDUCTORS BASED ON TABLE 310.16 REGARDLESS OF THE INSTALLATION RATING OF THE CONDUCTORS PER ARTICLE 110.14 (C) 1 AND 2 OF THE 2017 NEC.
- FLASH PROTECTION WARNING LABELS REQUIRED ON SWITCHBOARDS, PANEL BOARDS, AND MOTOR CONTROL CENTERS PER ARTICLE 110.16 OF THE 2017 NEC.
- SPACES ABOUT ELECTRICAL EQUIPMENT MUST MEET 110.26 (A THROUGH F) ARTICLE 2017 NEC.
- SERVICE DISCONNECTING MEANS MUST BE LABELED AS SUITABLE FOR USE AS SERVICE EQUIPMENT 230.66 AND 230.70 OF THE 2017 NEC.
- RACEWAYS AND CABLES INSTALLED ABOVE SUSPENDED CEILING REQUIRED TO HAVE INDEPENDENT SUPPORT WIRES. CEILING GRID WIRES CANNOT BE USED TO SUPPORT RACEWAY AND CABLES UNLESS CEILING GRID IS RATED FOR SUPPORT PER ARTICLE 300.11 OF THE 2017 NEC.
- TYPE NM, NMC AND NMS CABLES CANNOT BE USED ABOVE SUSPENDED CEILING PER ARTICLE 334.12 OF THE 2017 NEC.
- FLEXIBLE CORDS CANNOT BE USED AS A SUBSTITUTE FOR FIXED WIRE OR CONCEALED ABOVE SUSPENDED CEILING PER ARTICLE 400.8 (1) AND (5) PER THE 2017 NEC.
- INDIVIDUAL UNIT EQUIPMENT USED FOR EXIT SIGNS AND EMERGENCY LIGHTS THAT USES A RECHARGEABLE BATTERY MUST BE SUPPLIED BY THE CIRCUIT THAT SUPPLIES THE NORMAL LIGHTING FOR THAT AREA PER ARTICLE 700.12 (F) AND 700.17 OF THE 2017 NEC.
- LAY IN FIXTURES INSTALLED IN SUSPENDED CEILING SHALL BE FASTENED TO GRID BY SCREWS OR LISTED CLIPS PER ARTICLE 410.36 OF THE 2017 NEC.

POWER LEGEND

- 20A, 125V, 2P, NEMA 5-20R DUPLEX RECEPTACLE MOUNTED IN SINGLE GANG DEVICE BOX. MOUNT 20" AFF TO TOP OF DEVICE BOX UNLESS NOTED OTHERWISE.
- 20A, 125V, 2P, 3W, NEMA 5-20R DUPLEX RECEPTACLE MOUNTED IN SINGLE GANG DEVICE BOX. MOUNTED ABOVE TOP OF AND COORDINATED WITH COUNTERTOP.
- FED-SPEC GRADE USB CHARGER INTEGRAL TO TAMPER-RESISTANT DUPLEX RECEPTACLE MOUNTED IN SINGLE GANG DEVICE BOX. MOUNT 20" AFF UNLESS NOTED OTHERWISE. PROVIDE WIREMOLD #R5262USB-FINISH OR APPROVED EQUAL.
- QUADRUPLEX OUTLET, 2 DUPLEX RECEPTACLES MOUNTED IN TWO GANG DEVICE BOX. MOUNT 20" AFF TO TOP OF DEVICE BOX UNLESS NOTED OTHERWISE.
- FED-SPEC GRADE USB CHARGER INTEGRAL TO TAMPER-RESISTANT QUADRUPLEX RECEPTACLE MOUNTED IN TWO GANG DEVICE BOX. MOUNT 20" AFF UNLESS NOTED OTHERWISE. PROVIDE WIREMOLD #R5262USB-FINISH OR APPROVED EQUAL.
- POWER OUTLET, 250V, SIZED AS NOTED.
- DEAD FACE OF RESET BUTTON, PASS & SCREWUP CATALOG #2087-FINISH OR APPROVED EQUAL.
- ADJACENT TO RECEPTACLE, DENOTES GROUND FAULT INTERRUPTER RECEPTACLE (FEED THRU TYPE).
- ADJACENT TO RECEPTACLE, INDICATES WEATHERPROOF IN-USE TYPE COVER TO BE INSTALLED.
- ADJACENT TO RECEPTACLE, INDICATES WEATHER RESISTANT TYPE RECEPTACLE.
- SEE TECHNICAL DRAWINGS FOR LOW VOLTAGE SYSTEM DEVICE BOX DESCRIPTIONS AND REQUIREMENTS.
- WATER HEATER.
- JUNCTION BOX.
- LIGHTING OR RECEPTACLE PANEL BOARD.
- NON-FUSED DISCONNECT SWITCH.
- FUSED DISCONNECT SWITCH, FUSED AS NOTED.
- ADJACENT TO SWITCH, DENOTES DISCONNECT SWITCH FURNISHED WITH EQUIPMENT BY MANUFACTURER.
- MOTOR RATED SWITCH, CONTINUOUS CURRENT RATED, QUANTITY OF POLES AS REQUIRED.
- MOTOR STARTER OR VFD.
- EXHAUST FAN, SEE MECHANICAL DRAWINGS FOR FAN SPECIFICATIONS.
- MOTOR, HORSE POWER AS SHOWN.
- "HOME-RUN" TO PANEL BOARD.

ELECTRICAL INFORMATION

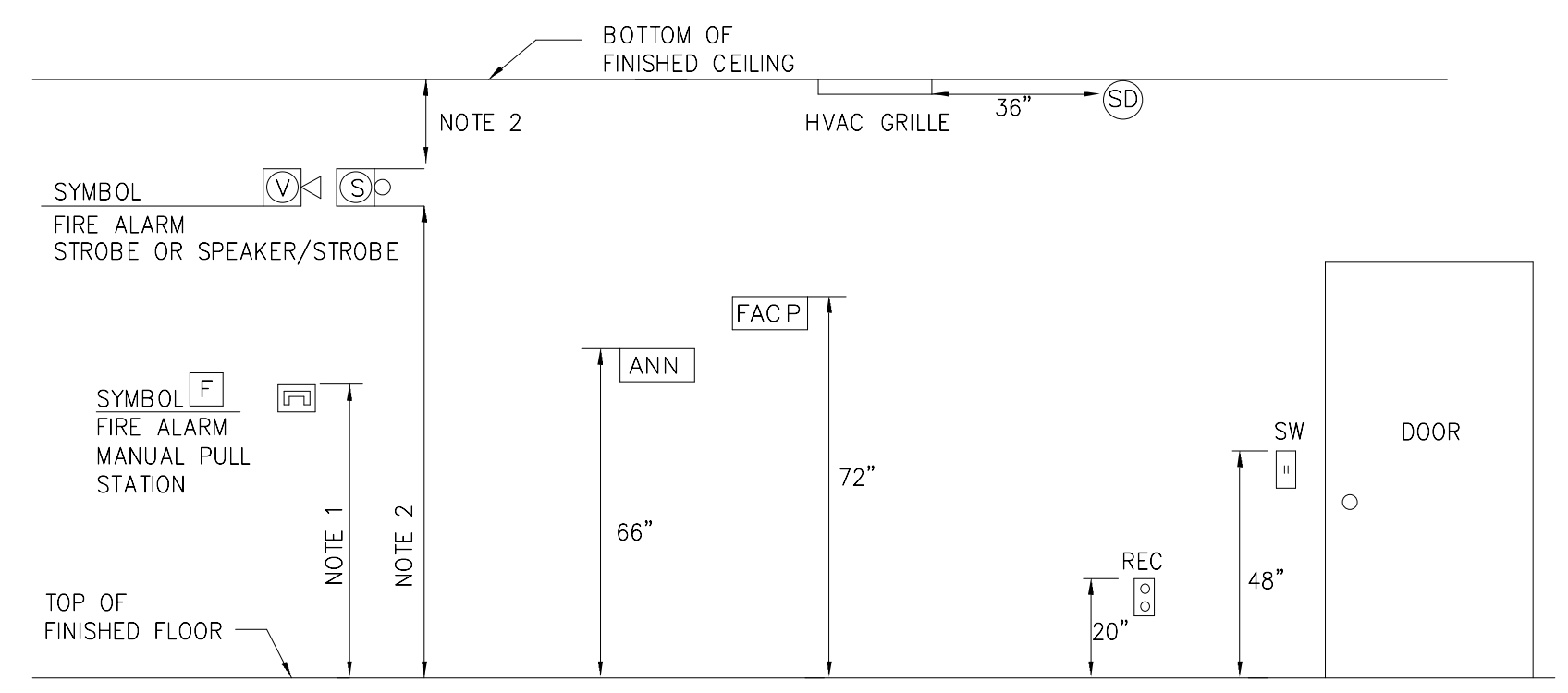
SERVICE TRANSFORMER	<input checked="" type="checkbox"/> By Utility	KVA Primary
	<input type="checkbox"/> By District	Voltage/Phase
ELECTRICAL SERVICE INFORMATION		
Service Voltage/Phase	480/277/3	2000 Amperes
Service Entrance Conductors Size	600 kcmil	4 Qty. Per Phase
Total Connected Load		1120 KVA
Estimated Maximum Demand		840 KVA
Available Fault Current in Symmetrical Amperes		42 KA
Interrupting Capacity of Service Overcurrent Device		65 KA
GROUNDING ELECTRODE SYSTEM COMPONENTS (NEC 250)		
		EXISTING
EMERGENCY SERVICE INFORMATION		
Emergency Generator	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Fuel		
Exit/Emergency Lights Backup Power	<input checked="" type="checkbox"/> Integral Battery <input type="checkbox"/> Generator	
Fire Alarm System	<input type="checkbox"/> Manual <input checked="" type="checkbox"/> Addressable <input type="checkbox"/> Class A <input checked="" type="checkbox"/> Class B	
LIGHTNING PROTECTION PROVIDED	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP	MANUFACTURER PART #	KELVIN	VOLTAGE	WATTAGE	MOUNTING	COMMENTS
A1	2' X 4' LED TROFFER - GRID (5200 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #LT-24-L52/835-AF-DIM-UNV	3500	277	37	RECESSED MOUNTED	
A1E	SAME AS TYPE 'A1' ABOVE EXCEPT WITH BATTERY BACKUP							
A2	2' X 4' LED TROFFER - GRID (4600 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #LT-24-L64/835-AF-DIM-UNV	3500	277	49	RECESSED MOUNTED	
A2E	SAME AS TYPE 'A2' ABOVE EXCEPT WITH BATTERY BACKUP							
A3	2' X 4' LED TROFFER - GRID (8200 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #LT-24-L82/835-AF-DIM-UNV	3500	277	65	RECESSED MOUNTED	
A3E	SAME AS TYPE 'A3' ABOVE EXCEPT WITH BATTERY BACKUP							
B1	2' X 2' LED TROFFER - GRID (4900 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #LT-22-L49/835-AF-DIM-UNV	3500	277	38	RECESSED MOUNTED	
C	4' LED INDUSTRIAL STRIP FIXTURE (5200 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #76R-4-L52/835-V6Y-2-DIM-UNV	3500	277	36	PENDANT MOUNTED	
CE	SAME AS TYPE 'C' ABOVE EXCEPT WITH BATTERY BACKUP							
C1	4' LED INDUSTRIAL STRIP FIXTURE (5200 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #76R-4-L52/835-SH5-DM-DIM-UNV	3500	277	36	SURFACE MOUNTED	
C1E	DELETED							
D1	4' LED RECESSED DOWNLIGHT (3000 LUMENS) WITH APERTURE ADAPTER KIT	LED	(LIGHT) H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L30/840-DIM-UNV-DM-OF-WH-WET/CC (ADAPTER KIT) H.E. WILLIAMS LIGHTING CATALOG #AA-4DR-0600-0750-WHT	4000	277	28	RECESSED MOUNTED	
D1E	SAME AS TYPE 'D1' ABOVE EXCEPT WITH BATTERY BACKUP							
D2	4' LED RECESSED DOWNLIGHT (3000 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L30/840-DIM-UNV-DM-OF-WH-WET/CC-N	4000	277	28	RECESSED MOUNTED	
D2E	SAME AS TYPE 'D2' ABOVE EXCEPT WITH BATTERY BACKUP							
D3	4' LED RECESSED DOWNLIGHT WET LOCATION LISTED (1500 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L15/835-DIM-UNV-S-W-OF-WH-WET/CC-N	3000	120	14	RECESSED MOUNTED	
D3E	SAME AS TYPE 'D3' ABOVE EXCEPT WITH BATTERY BACKUP							
D4	4' LED RECESSED DOWNLIGHT WET LOCATION LISTED (1500 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L15/835-DIM-UNV-S-W-OF-WH-WET/CC-N	3500	277	14	RECESSED MOUNTED	
D4E	SAME AS TYPE 'D4' ABOVE EXCEPT WITH BATTERY BACKUP							
D5	4' LED RECESSED DOWNLIGHT (1500 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L15/835-DIM-UNV-DM-OF-CS-N	3500	277	14	RECESSED MOUNTED	
D6	4' LED RECESSED DOWNLIGHT (3000 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #4DR-TR-L30/840-DIM-UNV-DM-OF-CS-N	3500	277	28	RECESSED MOUNTED	
D6E	SAME AS TYPE 'D6' ABOVE EXCEPT WITH BATTERY BACKUP							
EM1	EMERGENCY DUAL HEAD HIGH OUTPUT FIXTURE WITH BATTERY BACK-UP	LED	EMERGI-LITE LIGHTING CATALOG #EL-2RH-L-AD		277	10.8	WALL MOUNTED	
EM2	EMERGENCY DUAL HEAD FIXTURE WITH BATTERY BACK-UP	LED	EMERGI-LITE LIGHTING CATALOG #EL-2S-L-AD		20/277	3	WALL MOUNTED	
ER	2-LAMP WEATHERPROOF REMOTE HEAD POWER BY EXIT SIGN "EXA" BELOW	LED	DUAL-LITE LIGHTING CATALOG #OCR-D-FINISH-060SL		6	3	WALL MOUNTED	
ER2	WET LOCATION EXIT DISCHARGE LIGHT WITH BATTERY BACKUP	LED	EMERGI-LITE LIGHTING CATALOG #FINISH-LUX-SD-ET-H		277	3	WALL MOUNTED	
EX1	THERMOPLASTIC LED EXIT SIGN WITH BATTERY BACKUP	LED	EMERGI-LITE LIGHTING CATALOG #ELXN400-RN-AD		277	3	PER MANUFACTURER	
EX2	DUAL SIDED THERMOPLASTIC LED EXIT SIGN WITH BATTERY BACKUP	LED	EMERGI-LITE LIGHTING CATALOG #ELXN400-RN-AD		277	3	PER MANUFACTURER	
EX3	THERMOPLASTIC LED EXIT SIGN WITH DUAL LED HEADS AND BATTERY BACKUP	LED	EMERGI-LITE LIGHTING CATALOG #ELXN400-R-2LED-AD		277	3	PER MANUFACTURER	
EX4	THERMOPLASTIC LED EXIT SIGN WITH HIGH OUTPUT BATTERY TO FEED EXIT DISCHARGE LIGHT "EX"	LED	DUAL-LITE LIGHTING CATALOG #HXC-U-R-W-0-RC12		277	3	PER MANUFACTURER	
EX5	WET LOCATION SEALED AND GASKETED LED EXIT SIGN WITH DUAL LED HEADS AND BATTERY BACKUP	LED	EMERGI-LITE LIGHTING CATALOG #FINISH-SV12-1-R-D-4X-2-LB		277	3	PER MANUFACTURER	
F	DELETED							
FE	DELETED							
G	14" SQUARE SURFACE MOUNTED LED FIXTURE (2000 LUMENS)	LED	MODERN FORMS LIGHTING CATALOG #FM-3214-BN	3000	120	32	CEILING MOUNTED	
GE	SAME AS TYPE 'G' ABOVE EXCEPT WITH BATTERY BACKUP VIA INVERTER (INV2)							
H	2' X 4' LED FLAT PANEL - GRID (5000 LUMENS)	LED	H.E. WILLIAMS LIGHTING CATALOG #LP-24-L50/835-DIM-UNV	3500	277	48	RECESSED MOUNTED	
J	6" DIAMETER LED DIRECT/INDIRECT PENDANT MOUNTED FIXTURE	LED	BETA CALCO LIGHTING CATALOG #41201/35	3500	277	30	PENDANT MOUNTED	
K	DECORATIVE "SQUIGGLE" PENDANT MOUNTED INDIRECT/DIRECT FIXTURE	LED	BETA CALCO LIGHTING CATALOG #AX12-JS-K3-FINISH-CB1-CC1-LO-EO-CO-WO-U1	3500	277	125	PENDANT MOUNTED	
KE	SAME AS TYPE 'K' ABOVE EXCEPT WITH BATTERY BACKUP VIA INVERTER (INV1)							
L	4' EXTERIOR LINER LOW VOLTAGE FIXTURE	LED	(FIXTURE) LUMINI LIGHTING CATALOG #BOSW-48-40K-SD-F-SC-FINISH-B-1 (POWER SUPPLY) LUMINI LIGHTING CATALOG #PSD-48-24-277	4000	24	13	SURFACE MOUNTED	
LE	SAME AS TYPE 'L' ABOVE EXCEPT WITH BATTERY BACKUP VIA INVERTER (INV1)							
WP1	LED WALLPACK	LED	H.E. WILLIAMS LIGHTING CATALOG #VWP-H-L30/740-T3-FINISH-DIM-UNV	4000	277	36	WALL MOUNTED	
WP1E	DELETED							
INV1	800W INVERTER #1		EMERGI-LITE CATALOG #EMU-400-NAD		277	332	WALL MOUNTED	
INV2	250W INVERTER #2		EMERGI-LITE CATALOG #EMU-250-NAD		120	330	WALL MOUNTED	

LIGHTING FIXTURE SCHEDULE NOTES:

- LIGHTING FIXTURES MANUFACTURER SHALL BE PROVIDED AS SPECIFIED, UNLESS PRE-APPROVED DURING BIDDING BY THE ARCHITECT/ENGINEER.
- VERIFY VOLTAGE REQUIREMENTS WITH RESPECT TO FLOOR PLAN CIRCUITING AND PANEL SCHEDULES.
- VERIFY MOUNTING HEIGHTS ON ALL WALL AND SURFACE MOUNTED FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR TO SUPPLY ALL PARTS AND PIECES OF THE LIGHT FIXTURE TO MAKE A COMPLETE AND WORKING SYSTEM.

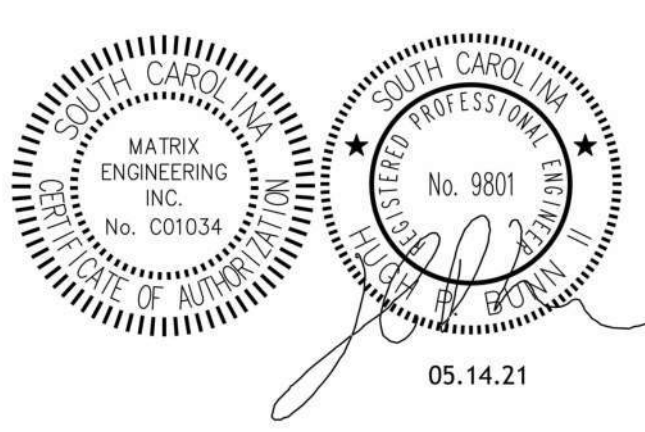


TYPICAL DEVICE MOUNTING HEIGHT

SCALE: NONE

MOUNTING NOTES:

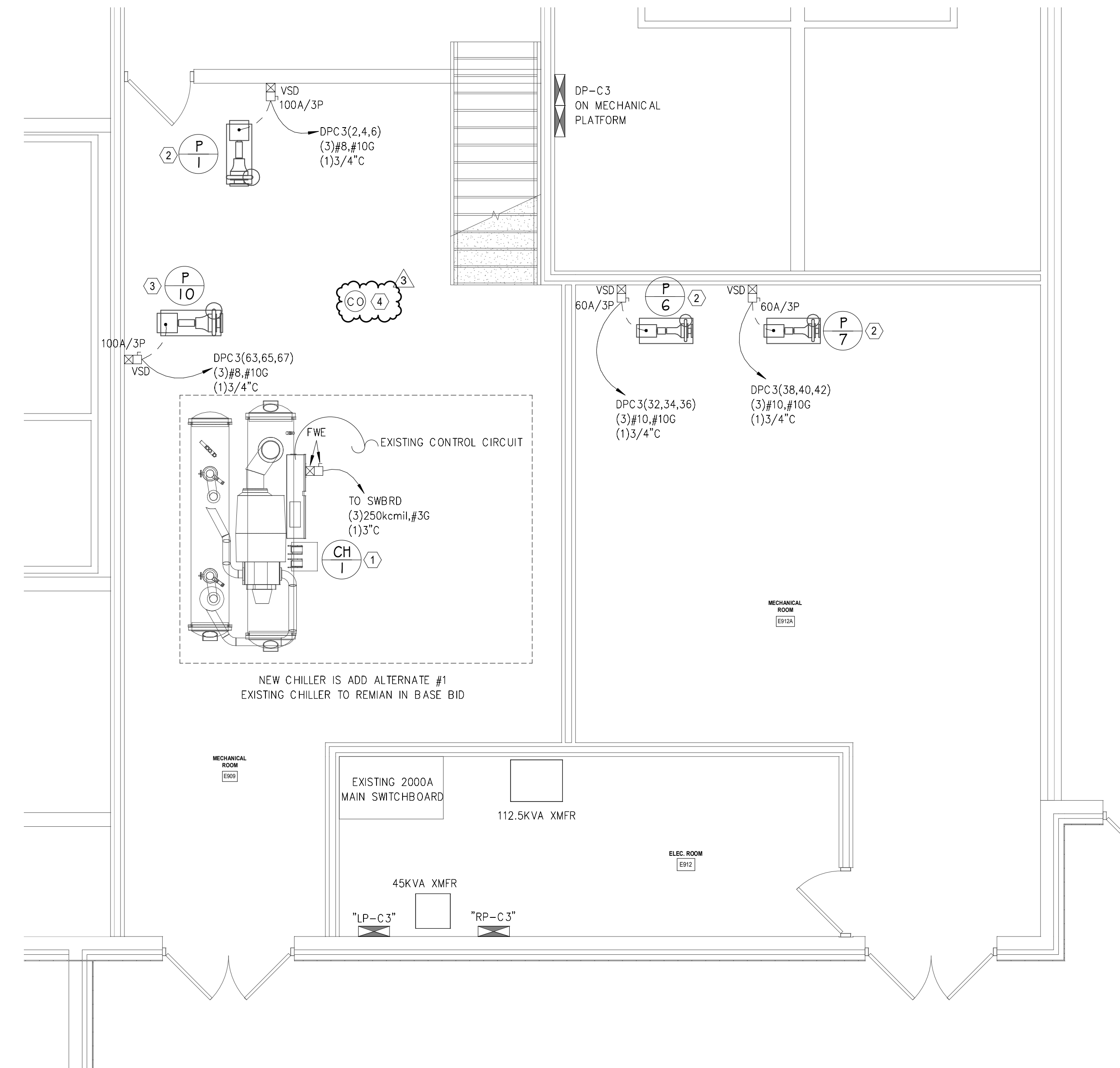
- MOUNT PULL STATION 4'-0" AFF TO THE TOP OF BOX.
- MOUNT STROBE OR SPEAKER/HORN COMBINATION AT LEAST 90" AFF AND NOT MORE THAN 96" AFF. MOUNT DEVICE AT LEAST 6" DOWN FROM CEILING.



SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04.29.2021	ADDENDUM NO. 1	RM
2	05.12.2021	ADDENDUM NO. 2	RM
3	05.13.2021	ADDENDUM NO. 3	RM

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THESE DRAWINGS OR SPECIFICATIONS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THESE DRAWINGS OR SPECIFICATIONS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



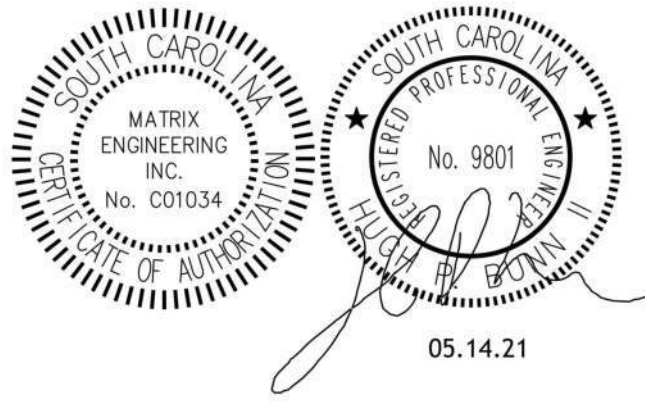
1
EXISTING MAIN MECHANICAL ROOM POWER PLAN
 E102 1/4" = 1'-0"

GENERAL NOTES:

1. COORDINATE ALL ELECTRICAL WORK IN MAIN MECHANICAL ROOM WITH MECHANICAL CONTRACTOR.
2. ALL DISCONNECT SWITCHES TO BE HEAVY DUTY.
3. "FWE" ADJACENT TO DEVICE DENOTES DEVICE TO BE FURNISHED WITH EQUIPMENT.

KEYED NOTES:

- 1
 EXISTING CHILLER TO BE REPLACED WITH NEW.
 - EXTEND IF NECESSARY AND RECONNECT EXISTING CHILLER CONTROL CIRCUIT FROM PANEL RP-C3
 - ELECTRICAL CONTRACTOR SHALL INSPECT AND TEST THE EXISTING CHILLER FEEDER CABLES TO CONFIRM THE CABLES ARE IN SUFFICIENT CONDITION TO BE REUSED. THESE CABLES WILL BE RE-TERMINATED IN THE NEW CHILLER. IF THESE CABLES FAIL TO PASS INSPECTION AND TESTING, THE CONTRACTOR SHALL REPLACE THE CABLES AND/OR CONDUIT AS NECESSARY. IF FEEDERS ARE CORRECTLY SIZED AND IN GOOD CONDITION, EXISTING FEEDERS MAY BE REUSED. IF NOT ELECTRICAL CONTRACTOR TO PERFORM THE FOLLOWING.
 - REMOVE ALL EXISTING CONDUIT AND WIRING FROM EXISTING CHILLER.
 - INSTALL ALL NEW CONDUIT AND WIRING AS INDICATED FROM SWITCHBOARD. SEE SINGLE LINE DIAGRAM ON SHEET E002.
- 2
 EXISTING PUMP TO BE REPLACED WITH NEW.
 - PURCHASE AND INSTALL NEW DISCONNECT SWITCH IN PLACE OF EXISTING DISCONNECT.
 - INSTALL NEW VARIABLE SPEED DRIVE (PROVIDED BY MECHANICAL CONTRACTOR) IN PLACE OF EXISTING MOTOR STARTER.
 - INSTALL ALL NEW WIRING FROM ELECTRICAL PANEL TO NEW PUMP VIA DISCONNECT SWITCH AND VARIABLE SPEED DRIVE.
 - INSTALL NEW CONDUIT FROM DISCONNECT SWITCH, VARIABLE SPEED DRIVE AND FLEX TO PUMP MOTOR.
 - UTILIZE EXISTING CONDUIT "HOME RUNS" FROM DISCONNECT SWITCH TO ELECTRICAL PANEL ON MECHANICAL PLATFORM.
- 3
 NEW PUMP.
 - PURCHASE AND INSTALL NEW DISCONNECT SWITCH, VARIABLE SPEED DRIVE (PROVIDED BY MECHANICAL CONTRACTOR), CONDUIT AND WIRING AS INDICATED.
- 4
 DENOTES CARBON MONOXIDE DETECTOR TO BE INSTALLED IN EXISTING MECH E909. DEVICE TO BE U.L. LISTED AS COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. COORDINATE EXACT MOUNTING LOCATION.



SPARTANBURG COUNTY SCHOOL DISTRICT 7
**ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL**
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04.29.2021	ADDENDUM NO. 1	RM
2	05.12.2021	ADDENDUM NO. 2	RM
3	05.13.2021	ADDENDUM NO. 3	RM

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: HPB
 PROJECT ENGINEER: RM
 DRAWN BY: CH,RP,RB,RM

SHEET TITLE:
**EXISTING MAIN
 MECHANICAL ROOM
 POWER PLAN**

SHEET NO. PROJ. NO.
 2020-124

E102

LIGHTING CONTROLLER "LCF"							
CIRCUIT #	RELAY/DIMMER	DESCRIPTION	SWITCH TYPE	TIMECLOCK ON	TIMECLOCK OFF	DIMMING	TYPE
LPF(11)	R1	LTG-LOBBY 829 (PENDANTS)	TIMECLOCK	YES	YES	NO	
LPF(3)	R2	LTG-CORRIDOR 834, CORRIDOR 830, CORRIDOR 835 & CORRIDOR 836A	OCCUPANCY SENSOR/TIMECLOCK	YES	YES	NO	
LPF(5)	R3	LTG-CORRIDOR 837	OCCUPANCY SENSOR/TIMECLOCK	YES	YES	NO	
LPF(7)	R4	LTG-EXTERIOR (NEW COURTYARD)	TIMECLOCK/PHOTOCELL	YES	YES	NO	
LPF(9)	R5	LTG-EXTERIOR (LOWER & UPPER COURTYARD)	TIMECLOCK/PHOTOCELL	YES	YES	NO	
DPF(1)	R6	LTG-MECHANICAL PLATFORM	LOW VOLTAGE SWITCH, LV2/TIMECLOCK & OCCUPANCY SENSOR	NO	YES	NO	
LPF(13)	R7	LTG-LOBBY 829 (SQUIGGLE)	TIMECLOCK	YES	YES	NO	
LPF(13)	R8	LTG-LOBBY 829 (EXTERIOR)	TIMECLOCK/PHOTOCELL	YES	YES	NO	

LOW VOLTAGE CONTROLLER
WATTSTOPPER CATALOG #LMCP8-10V-115/277-8HDR-277

LIGHTING CONTROL SEQUENCE:

LIGHTS IN CORRIDORS AND COMMON AREAS SHALL BE TURNED ON AT A PRESET TIME DETERMINED BY OWNER AND TURNED OFF AT A PRESET TIME DETERMINED BY OWNER. OCCUPANCY SENSOR TO SERVE AS AN OVERRIDE.

LIGHTING CONTROLLER "LCG"							
CIRCUIT #	RELAY/DIMMER	DESCRIPTION	SWITCH TYPE	TIMECLOCK ON	TIMECLOCK OFF	DIMMING	TYPE
LPG(3)	R1	LTG-CORRIDOR 830 & CORRIDOR 819	OCCUPANCY SENSOR/TIMECLOCK	YES	YES	NO	
LPG(5)	R2	LTG-INDEPENDENT WORK AREA 806	OCCUPANCY SENSOR/TIMECLOCK	YES	YES	NO	
LPG(7)	R3	LTG-EXTERIOR (PLAN NORTH)	TIMECLOCK/PHOTOCELL	YES	YES	NO	
LPG(9)	R4	LTG-EXTERIOR (PLAN LEFT)	TIMECLOCK/PHOTOCELL	YES	YES	NO	
LPG(11)	R5	LTG-EXTERIOR (NEW COURTYARD)	TIMECLOCK/PHOTOCELL	YES	YES	NO	
DPG(1)	R6	LTG-MECHANICAL PLATFORM	LOW VOLTAGE SWITCH, LV2/TIMECLOCK & OCCUPANCY SENSOR	NO	YES	NO	
	R7	SPARE					
	R8	SPARE					

LOW VOLTAGE CONTROLLER
WATTSTOPPER CATALOG #LMCP8-10V-115/277-8HDR-277

LIGHTING CONTROL SEQUENCE:

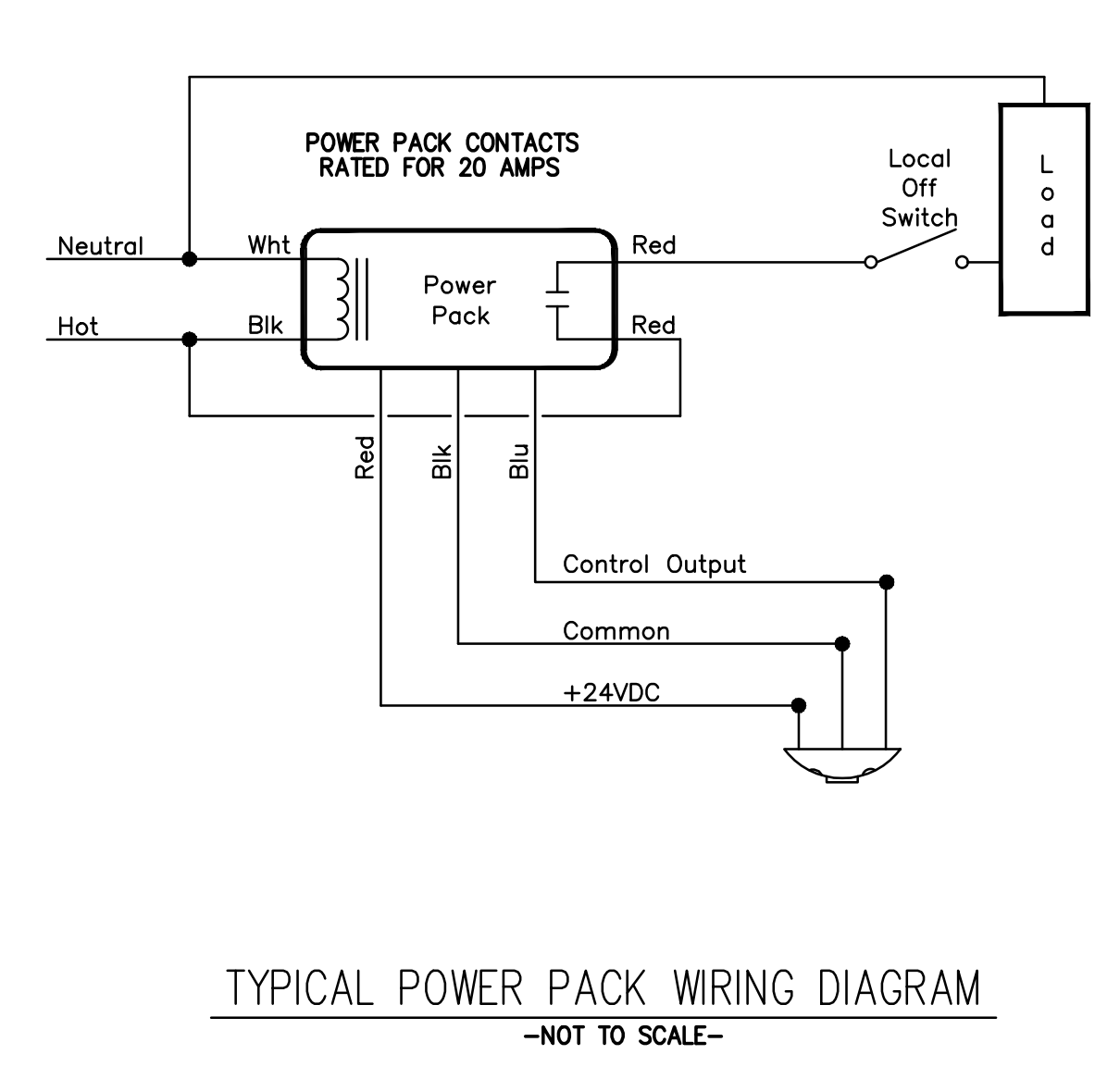
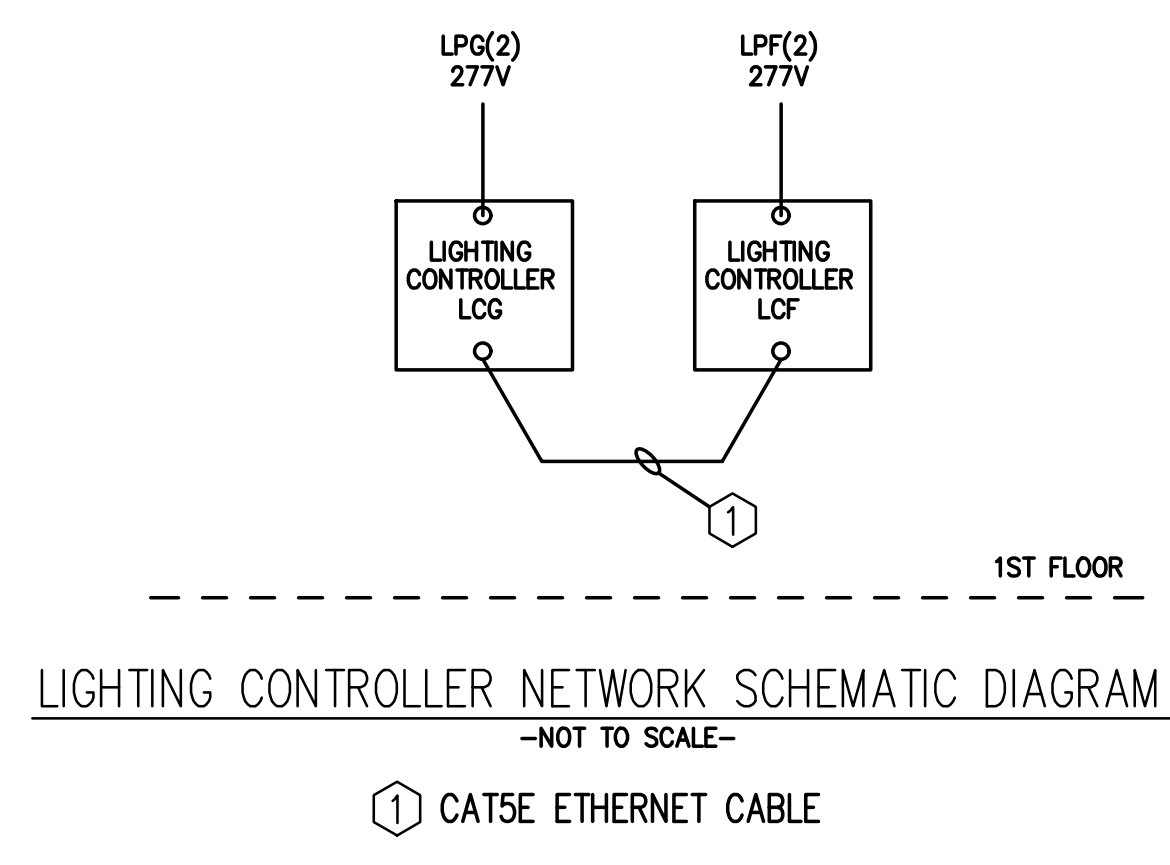
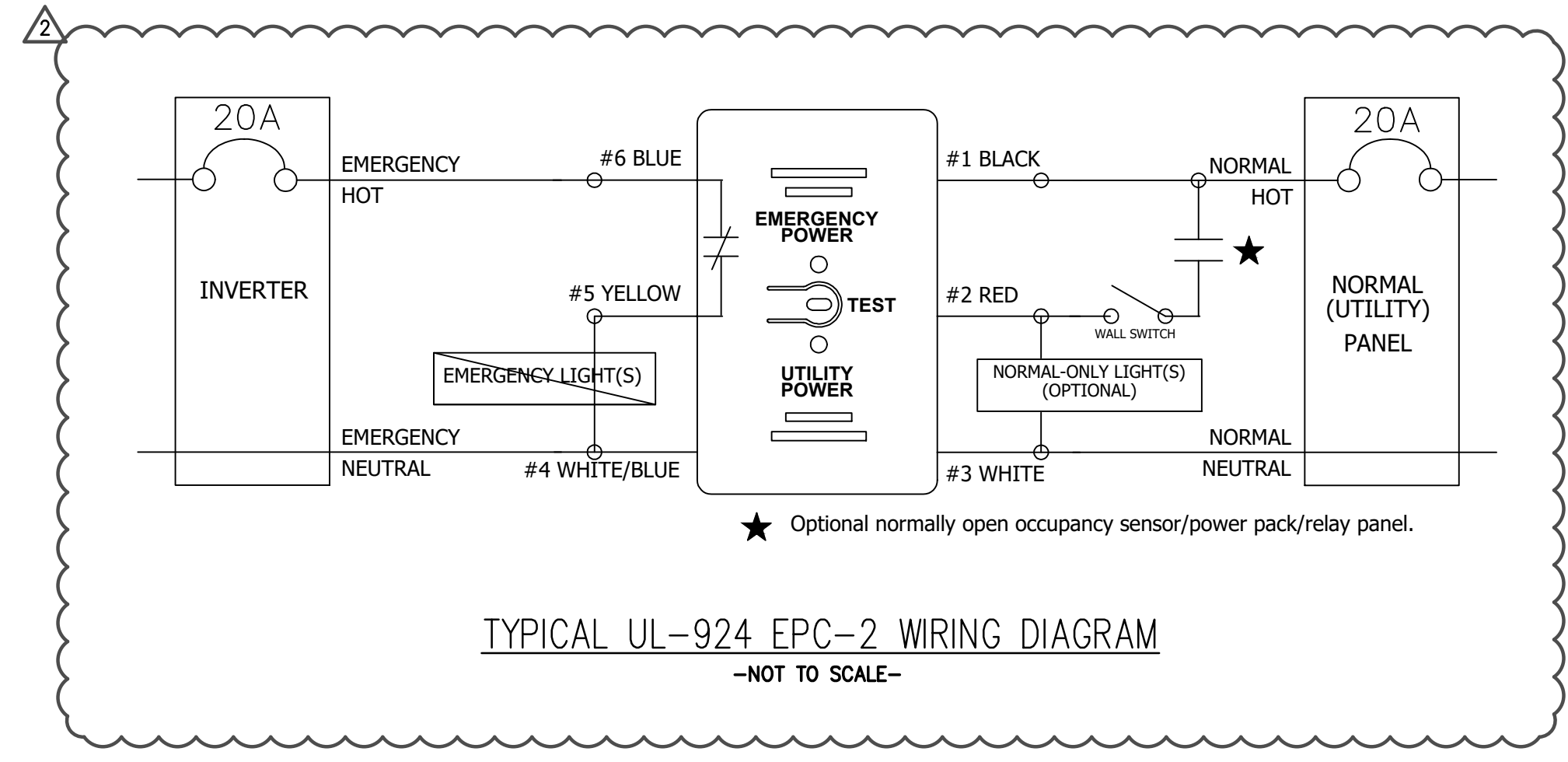
LIGHTS IN CORRIDORS AND COMMON AREAS SHALL BE TURNED ON AT A PRESET TIME DETERMINED BY OWNER AND TURNED OFF AT A PRESET TIME DETERMINED BY OWNER. OCCUPANCY SENSOR TO SERVE AS AN OVERRIDE.

SWITCH LEGEND

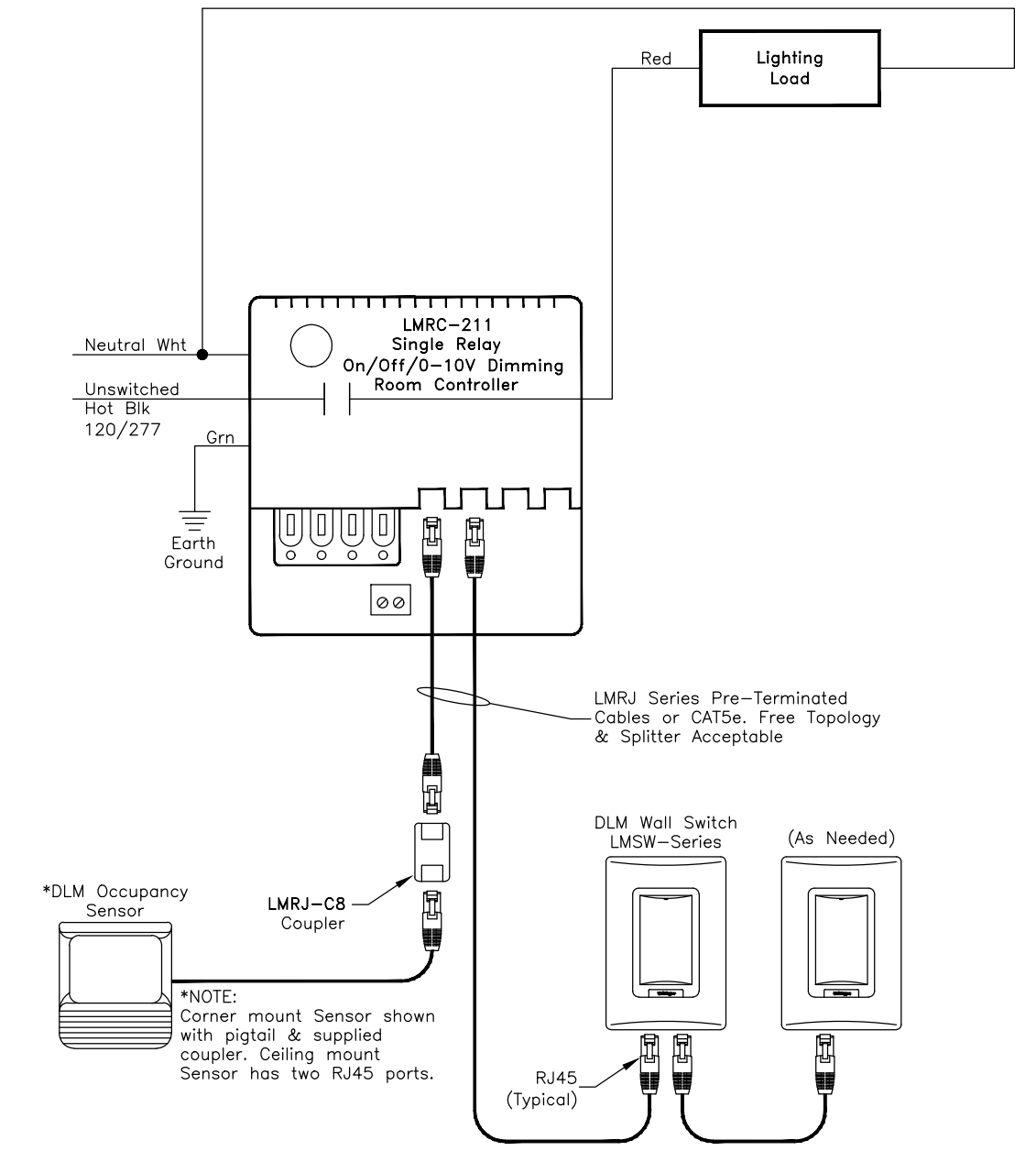
- (OS1) CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER CATALOG #LMDC-100
- (OS2) CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER CATALOG #DT-300
- (OS3) CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER CATALOG #MUC-100-2
- (OS4) PENDANT MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER CATALOG #MDC-100
- (OS5) CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WATTSTOPPER CATALOG #DT-300
- (PP) POWER PACK WATTSTOPPER CATALOG #BZ50
- (S) LOCAL TOGGLE SWITCH S.P.S.T., 20 AMP, SPEC GRADE.
- (S3) LOCAL TOGGLE SWITCH, 3-WAY 20 AMP, SPEC GRADE.
- (S4) LOCAL TOGGLE SWITCH 4-WAY 20 AMP, SPEC GRADE.
- (EPC) UL-924 EMERGENCY POWER CONTROL EMERGI-LITE CATALOG #EPC-2
- (WS1) WALL MOUNTED OCCUPANCY SENSOR WATTSTOPPER CATALOG #DW-100-FINISH
- (WS2) WALL MOUNTED OCCUPANCY SENSOR WITH 0-10V DIMMING CATALOG #DW-311-FINISH
- (LW1) LOW VOLTAGE SWITCHING STATION WATTSTOPPER CATALOG #MSW-105-FINISH
- (LV2) LOW VOLTAGE SWITCHING STATION WATTSTOPPER CATALOG #MSW-101-FINISH
- (LMRC1) 1-RELAY DIGITAL ROOM CONTROLLER WATTSTOPPER CATALOG #MRC-211
- (LMRC2) 2-RELAY DIGITAL ROOM CONTROLLER WATTSTOPPER CATALOG #MRC-212
- (LMRC3) 3-RELAY DIGITAL ROOM CONTROLLER WATTSTOPPER CATALOG #MRC-213

OCCUPANCY SENSOR NOTES

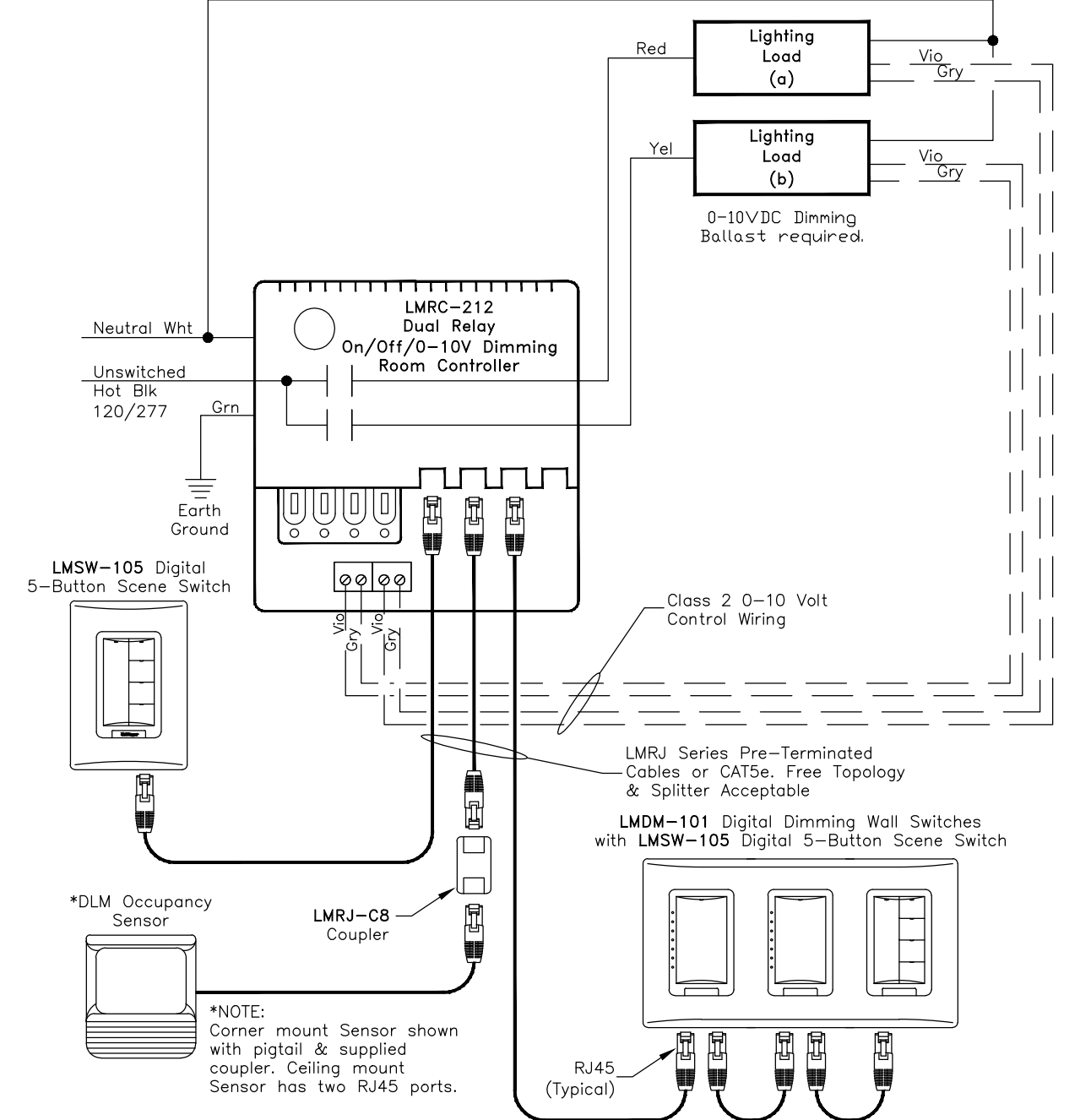
- ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- ULTRASONIC CEILING MOUNTED SENSORS REQUIRE THAT THEY BE NO CLOSER THAN 6 FEET TO AIR SUPPLY/RETURN REGISTERS.
- ONE POWER PACK IS REQUIRED FOR EACH CIRCUIT CONTROLLED.



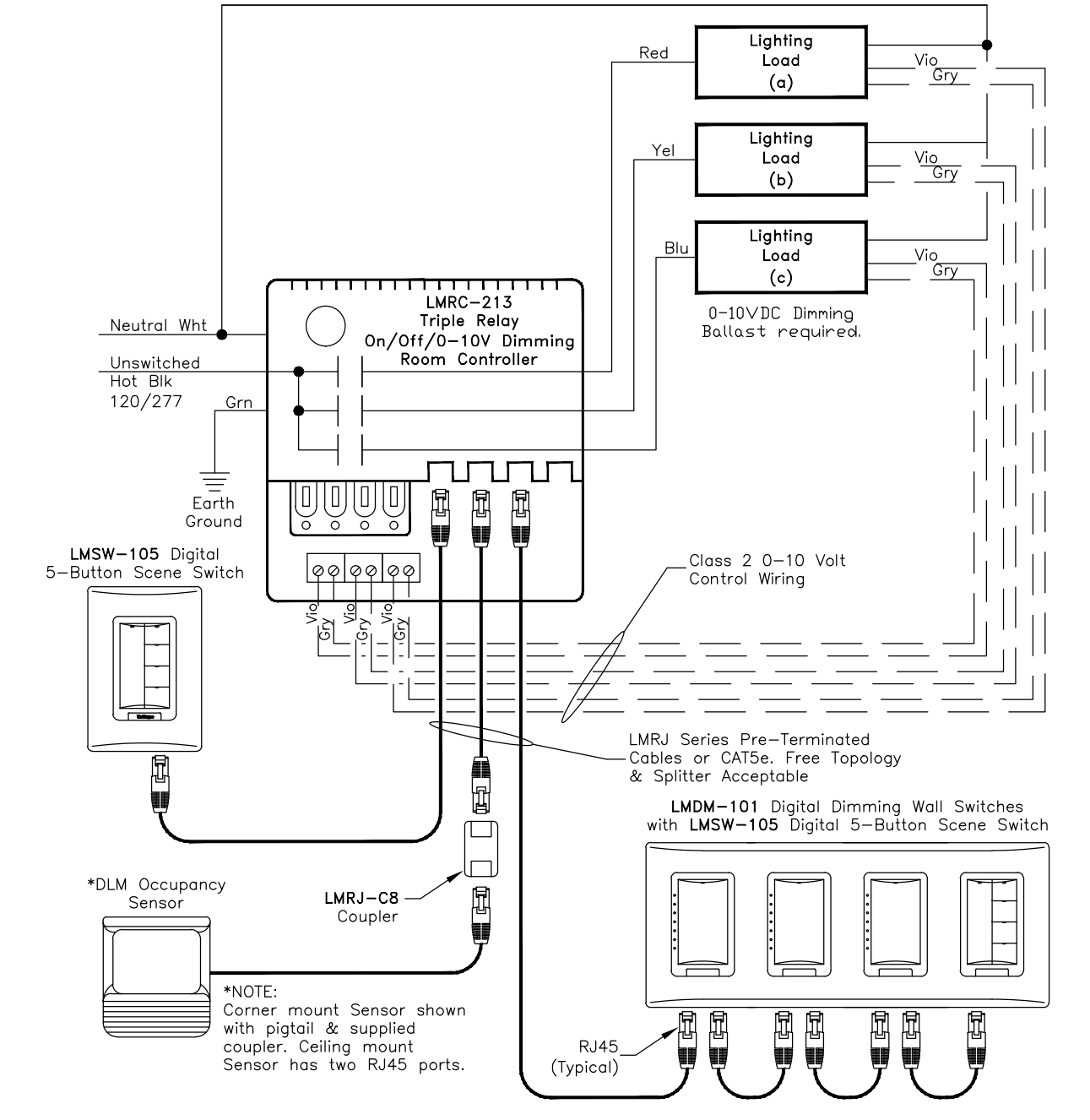
- NOTES:**
- DO NOT ATTEMPT TO POWER MORE THAN 4 DEVICES, BE IT SENSORS OR SLAVE PACKS, FROM A SINGLE POWER PACK.
 - LOW VOLTAGE WIRE TO BE 18AWG.



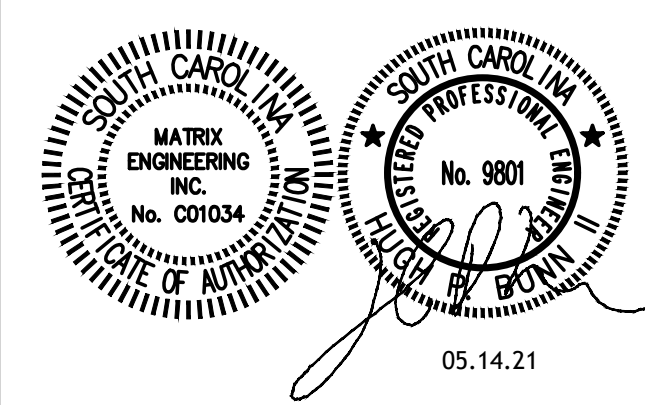
LMRC-211 SINGLE RELAY 0-10V DIMMING WIRING DIAGRAM - NOT TO SCALE-



LMRC-212 DUAL RELAY 0-10V DIMMING WIRING DIAGRAM - NOT TO SCALE-



LMRC-213 THREE RELAY 0-10V DIMMING WIRING DIAGRAM - NOT TO SCALE-



SHEET ISSUE:

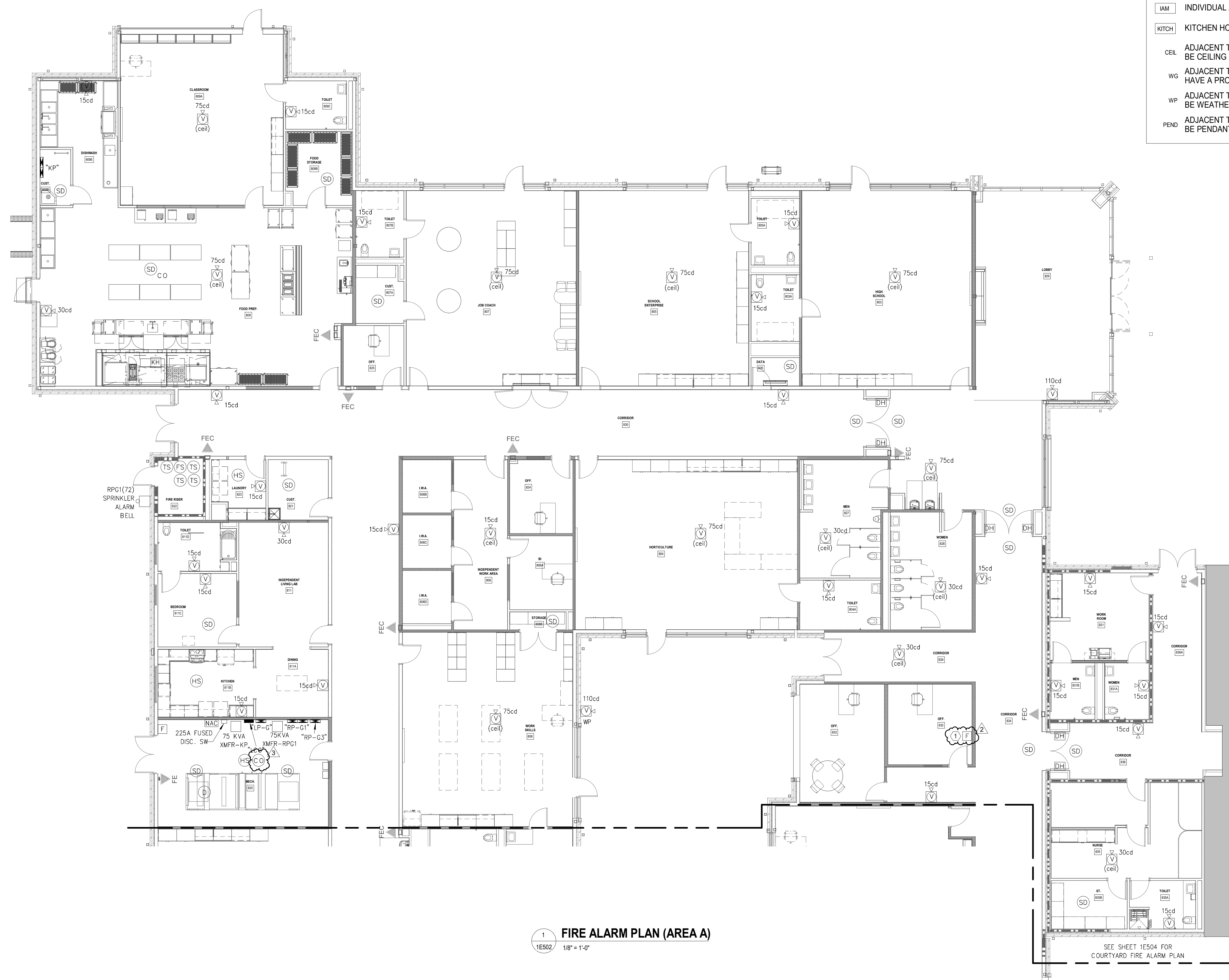
NO.	DATE	DESCRIPTION	BY
1	04.29.2021	ADDENDUM NO. 1	RM
2	05.12.2021	ADDENDUM NO. 2	RM
3	05.14.2021	ADDENDUM NO. 3	RM

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: HFB
PROJECT ENGINEER: RM
DRAWN BY: CHR.BP.RM

SHEET TITLE: LIGHTING DETAILS

SHEET NO. PROJ. NO. 2020-124

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PARTS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE.



1 FIRE ALARM PLAN (AREA A)
1/8" = 1'-0"

FIRE ALARM LEGEND	
SD	SMOKE DETECTOR
CO SD	SMOKE DETECTOR WITH CO2 BASE
D	DUCT DETECTOR, HVAC UNIT DESIGNATION BELOW.
HS	HEAT SENSOR
CO HS	HEAT SENSOR WITH CO2 BASE
CO	CARBON MONOXIDE DETECTOR
TS	TAMPER MONITOR
FS	FLOW SWITCH
S	CEILING SPEAKER ONLY
V	FIRE ALARM SYSTEM VOICE/STROBE UNIT
S	FIRE ALARM SYSTEM STROBE UNIT
F	FIRE ALARM MANUAL PULL STATION
DH	DOOR HOLD OPEN DEVICE
R	ID NET RELAY
FACP	MAIN FIRE ALARM CONTROL PANEL
ANN	FIRE ALARM ANNUCIATOR PANEL, RECESSED
NAC	NOTIFICATION EXTENDER PANEL
IAM	INDIVIDUAL ADDRESSIBLE MODULE
KITCH	KITCHEN HOOD MONITOR
CEL	ADJACENT TO DEVICE DENOTES DEVICE TO BE CEILING MOUNTED
WG	ADJACENT TO DEVICE DENOTES DEVICE TO HAVE A PROTECTIVE WIRE GUARD
WP	ADJACENT TO DEVICE DENOTES DEVICE TO BE WEATHER PROOF
PEND	ADJACENT TO DEVICE DENOTES DEVICE TO BE PENDANT MOUNTED

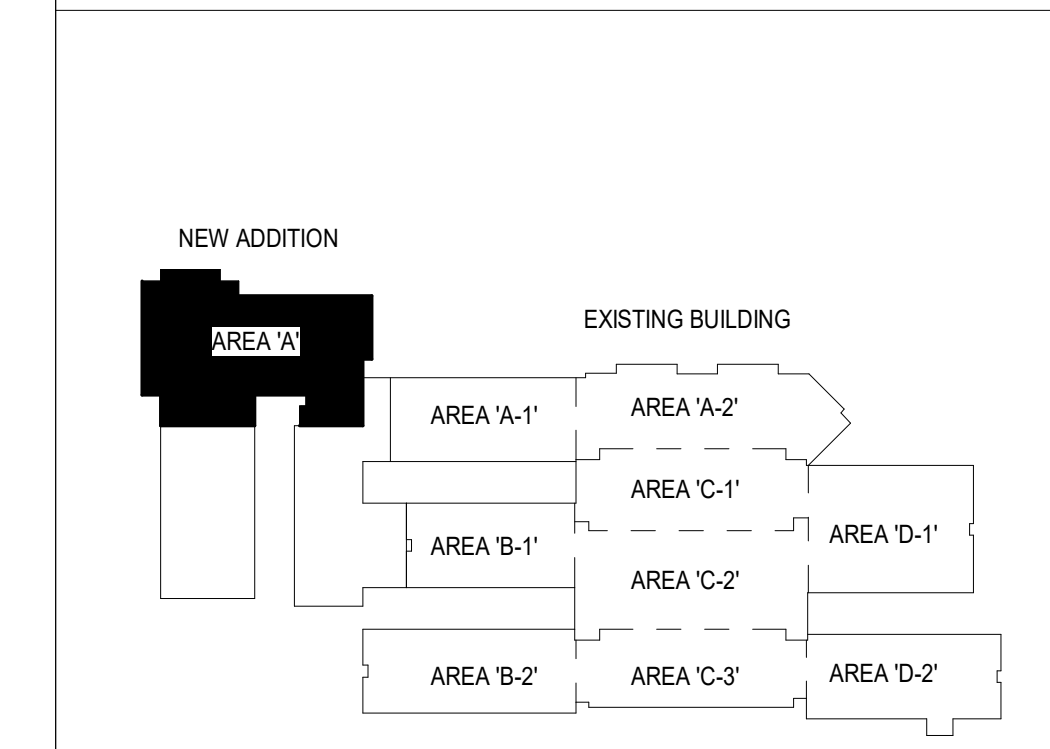
GENERAL NOTES:

1. THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES.
2. MOUNT SMOKE DETECTOR WITHIN 5 FEET OF FACP AND NAC PANELS.
3. ALL FIRE ALARM SYSTEM WIRING SHALL BE ROUTED IN TYPE EMT CONDUIT. CONDUIT SHALL BE PAINTED WITH A RED STRIPE AT 10 FOOT INTERVALS AND JUNCTION BOX COVERS SHALL BE PAINTED RED.
4. ALL STROBE LIGHTS TO BE SYNCHRONIZED.
5. STROBE OR HORN STROBE SHALL NOT BE MOUNTED MORE THAN 15 FEET FROM THE END OF CORRIDORS.
6. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE LABELED AS FIRE WALLS AND SHALL BE CALKED WITH A UL APPROVED FIRE CALKING SYSTEM EQUAL TO OR GREATER THAN THE RATING OF THE FIRE WALL. A LABEL SHALL BE APPLIED INDICATING THE APPROVED UL TYPE SYSTEM UTILIZED AT EACH PENETRATION.
7. ALL CIRCUIT BREAKERS FEEDING FIRE ALARM COMPONENTS SHALL HAVE A LOCKING DEVICE RED IN COLOR.
8. INSTALL A LABEL INDICATING THE DATE OF MANUFACTURER FOR ALL FIRE ALARM PANEL BACK-UP BATTERIES.
9. FIRE ALARM CONTRACTOR TO COORDINATE INSTALLATION OF ALL FIRE ALARM DEVICES WITH LIGHT FIXTURES, MECHANICAL UNITS, PIPING AND ALL OTHER TRADES ON SITE.

KEYED NOTES:

- 1 DENOTES FIRE ALARM PULL STATION TO BE INSTALLED IN NORMALLY OCCUPIED AREA. COORDINATE EXACT MOUNTING LOCATION WITH OWNER AND AUTHORITY HAVING JURISDICTION.

KEY PLAN



mcmillan pazdan smith
 ARCHITECTURE
 CONSULTANT LOGO
MATRIX ENGINEERING, INC.
 912 South Pine Street
 Spartanburg, South Carolina, 29302
 864.583.6274
 Project Number: 2020-124
 05.14.21

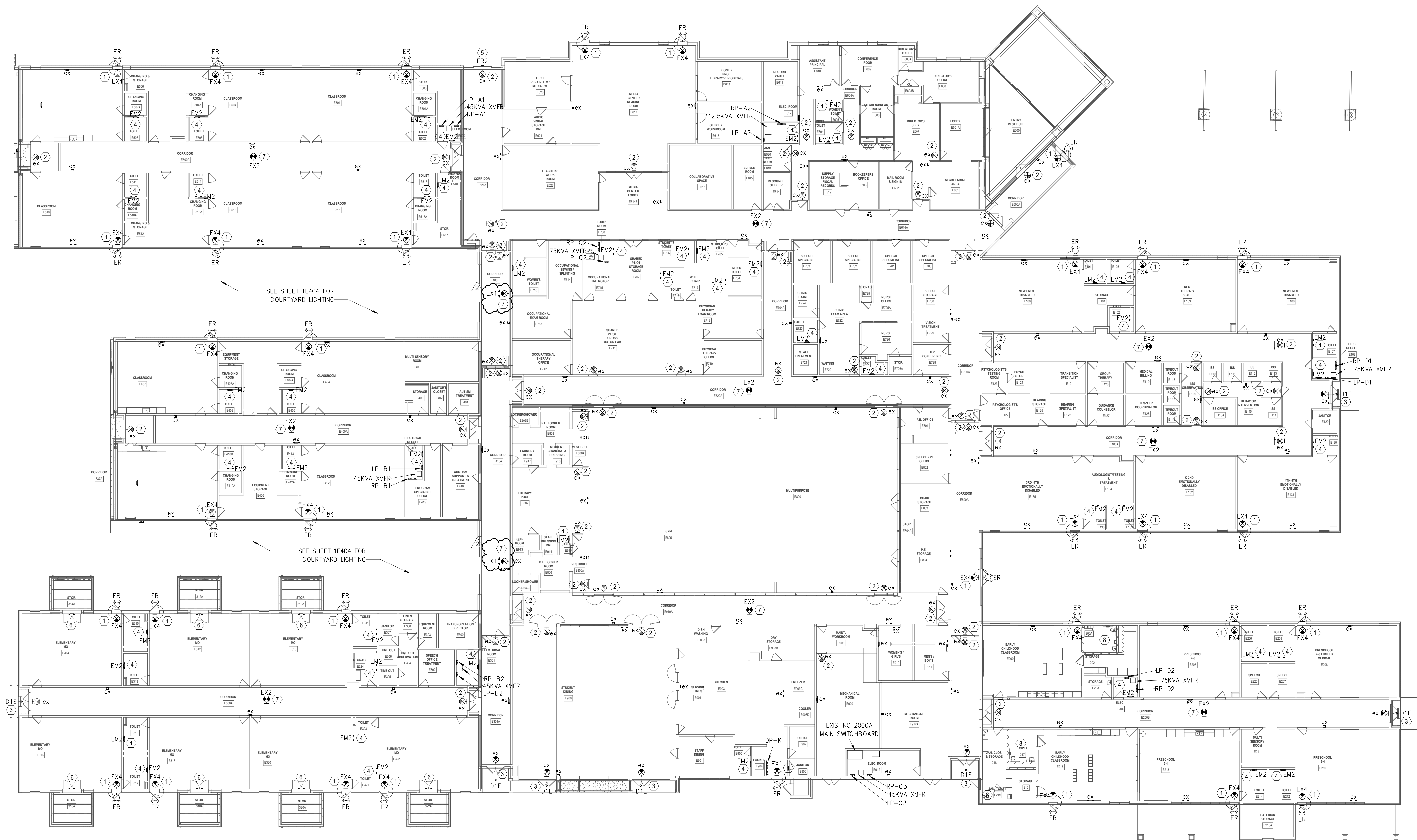
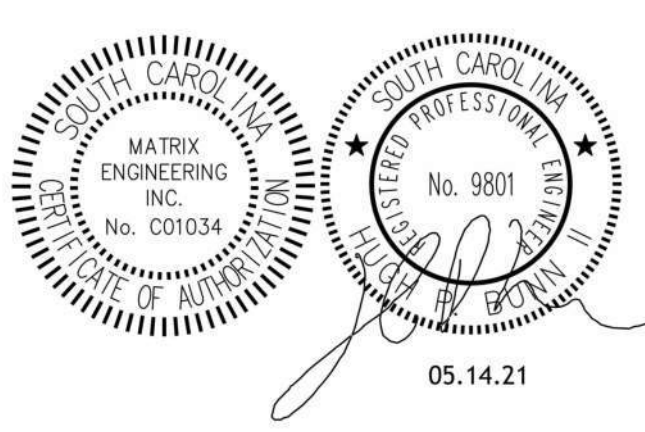
SPARTANBURG COUNTY SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

NO.	DATE	DESCRIPTION	BY
1	04.29.2021	ADDENDUM NO. 1	RM
2	05.12.2021	ADDENDUM NO. 2	RM
3	05.13.2021	ADDENDUM NO. 3	RM

CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: HFB
 PROJECT ENGINEER: RM
 DRAWN BY: CH, RP, RB, RM
 SHEET TITLE:
FIRE ALARM PLAN (AREA A)
 SHEET NO. 1E502
 PROJ. NO. 2020-124

GENERAL NOTES:

- 1. ELECTRICAL CONTRACTOR TO WIRE ALL EMERGENCY FIXTURES AND EXIT SIGNS UN-SWITCHED TO LIGHTING CIRCUIT IN ROOM.
- 2. "ex" ADJACENT TO DEVICE DENOTES EXISTING TO REMAIN.



KEYED NOTES:

- 1 DENOTES NEW EXIT SIGN/EXIT DISCHARGE LIGHT COMBO TO BE INSTALLED. WIRE UNSWITCHED TO EXISTING LIGHTING CIRCUIT IN ROOM.
- 2 DENOTES EXISTING EXIT SIGN TO REMAIN.
- 3 DENOTES EXISTING FIXTURE TO BE REPLACED WITH NEW BATTERY BACKUP RECESSED DOWNLIGHT. ELECTRICAL CONTRACTOR TO WIRE TO EXISTING CIRCUIT.
- 4 DENOTES NEW EMERGENCY DUAL HEAD TO BE PURCHASED AND INSTALLED BY ELECTRICAL CONTRACTOR. WIRE NEW FIXTURE TO EXISTING LOCAL LIGHTING CIRCUIT.
- 5 DENOTES NEW EMERGENCY FIXTURE WITH BATTERY BACKUP TO BE PURCHASED AND INSTALLED BY ELECTRICAL CONTRACTOR. WIRE NEW FIXTURE TO EXISTING LOCAL LIGHTING CIRCUIT.
- 6 DENOTES EXISTING EMERGENCY DUAL HEAD FIXTURE. SEE SHEET 2E200 FOR MORE INFORMATION.
- 7 DENOTES NEW EXIT SIGN TO BE INSTALLED. WIRE UNSWITCHED TO EXISTING AREA LIGHTING CIRCUIT.
- 8 SEE SHEET 3E300 FOR LOCATION OF NEW EMERGENCY DUAL HEAD.

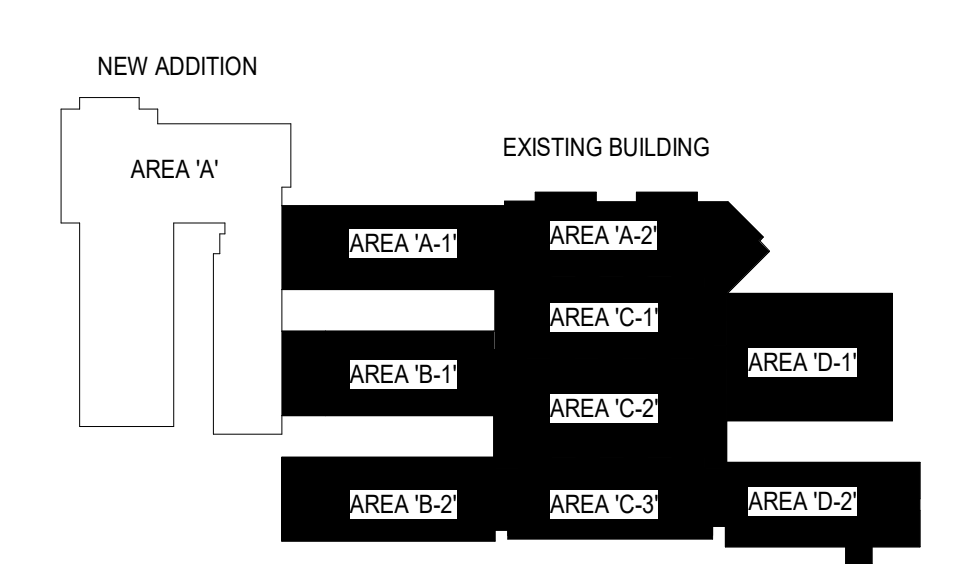
SPARTANBURG COUNTY SCHOOL DISTRICT 7
 ADDITIONS AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04.29.2021	ADDENDUM NO. 1	RM
2	05.12.2021	ADDENDUM NO. 2	RM
3	05.13.2021	ADDENDUM NO. 3	RM

1 OVERALL EXISTING BUILDING EMERGENCY EGRESS LIGHTING PLAN
 3E600 1/16" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: HFB
 PROJECT ENGINEER: RM
 DRAWN BY: CH,RP,RB,RM

SHEET TITLE:
 OVERALL EXISTING
 BUILDING EMERGENCY
 EGRESS LIGHTING PLAN

SHEET NO. PROJ. NO.
 3E600 2020-124

ALL DIMENSIONS, SPECIFICATIONS AND NOTES UNLESS OTHERWISE SPECIFIED ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.

SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL
175 BURGETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

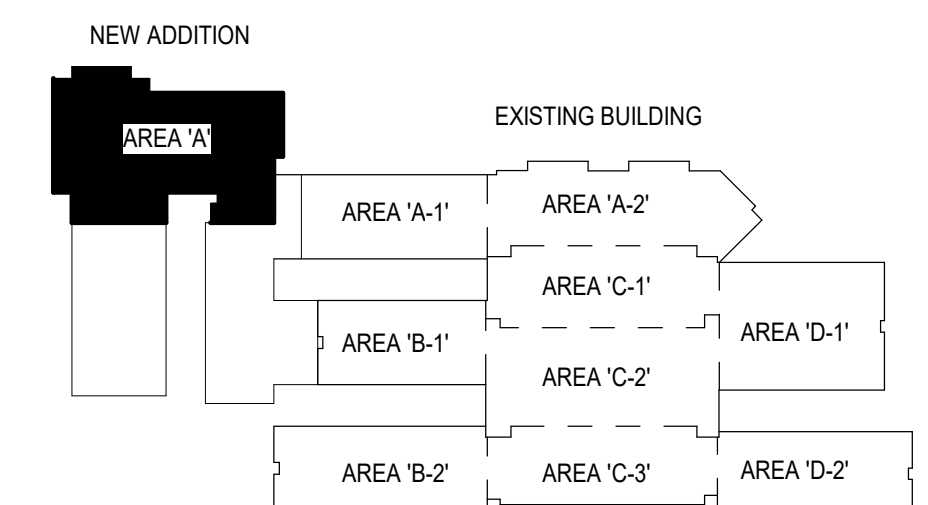
SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	BH
2	05/14/2021	Addendum No. 3	BH

CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: DLL
PROJECT ARCHITECT: DLL
DRAWN BY: BH

SHEET TITLE:
**TECHNOLOGY - FLOOR
PLAN - AREA A**

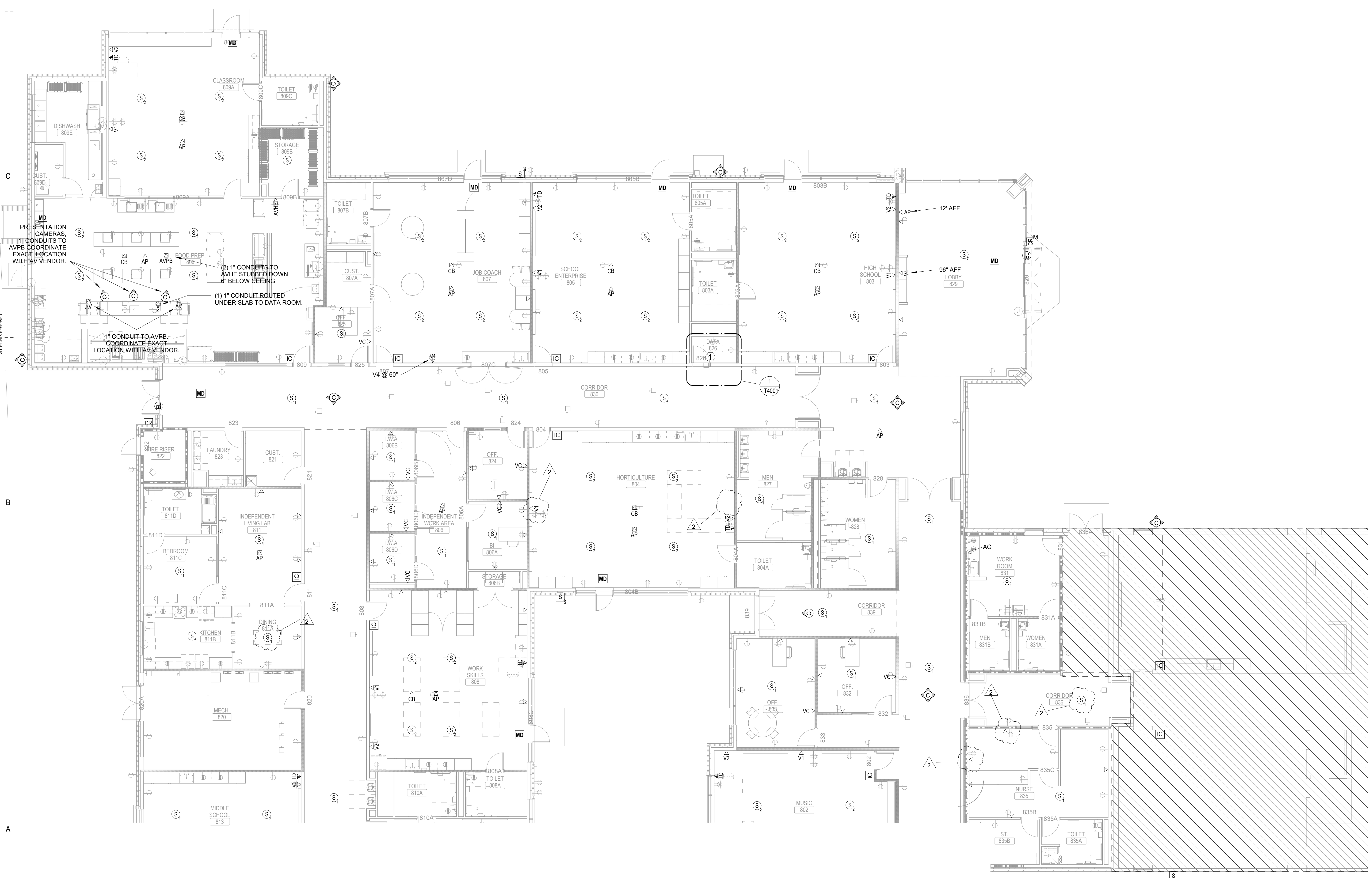
SHEET NO. PROJ. NO.
020063.00

KEY PLAN



T110

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THE PROJECT ARCHITECT ASSUMES RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DOCUMENT. THE PROJECT ARCHITECT DOES NOT WARRANT OR REPRESENT THAT THE INFORMATION PROVIDED IN THIS DOCUMENT IS COMPLETE, ACCURATE, OR UP-TO-DATE. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DOCUMENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM THE USE OF THIS DOCUMENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM THE USE OF THIS DOCUMENT. THE PROJECT ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM THE USE OF THIS DOCUMENT.



1 FIRST FLOOR - AREA A
SCALE: 1/8" = 1'-0"

SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL
175 BURGETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:			
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	BH
2	05/14/2021	Addendum No. 3	BH

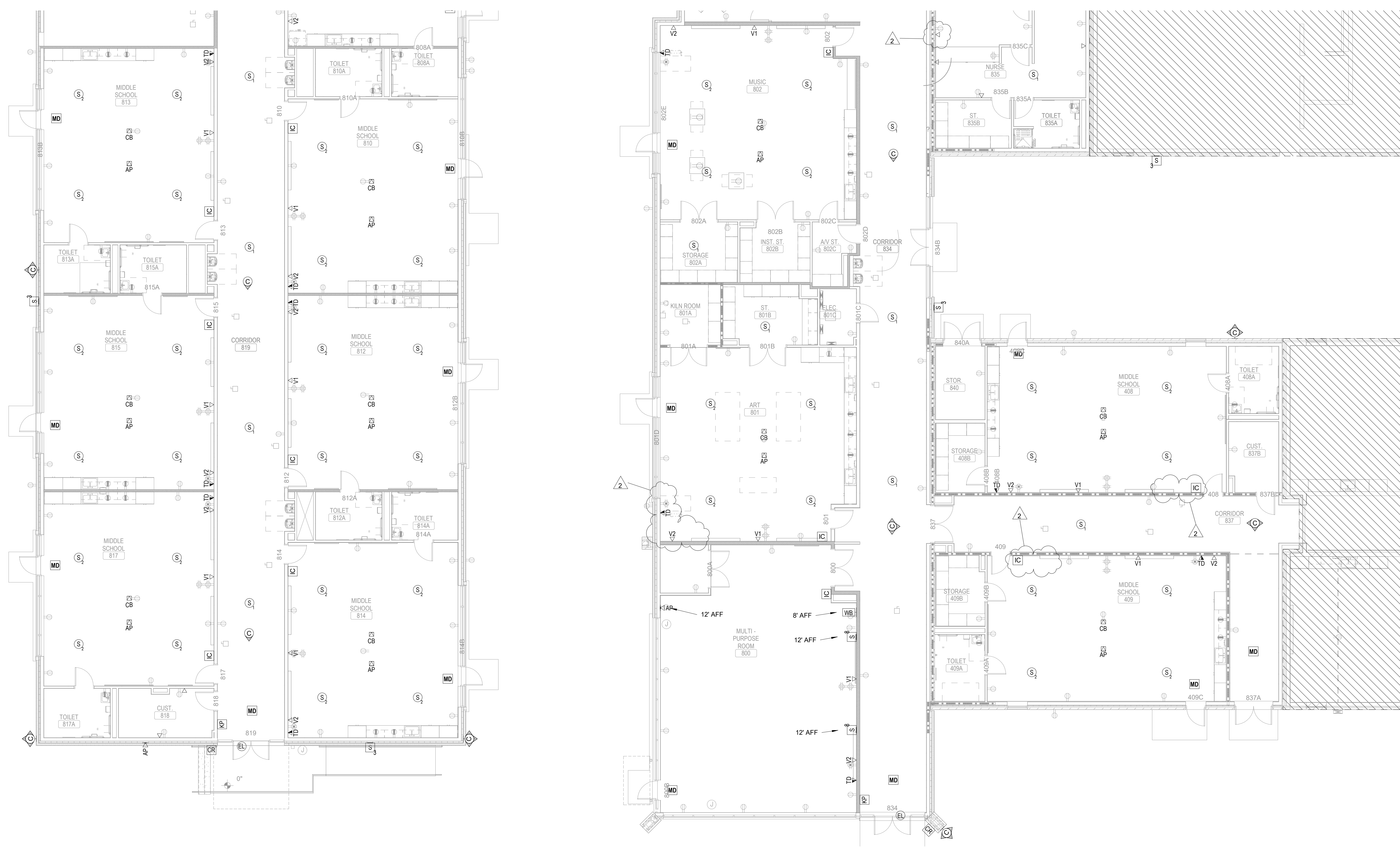
CONSTRUCTION DOCUMENTS	04/19/2021
PRINCIPAL IN CHARGE:	DLL
PROJECT ARCHITECT:	DLL
DRAWN BY:	BH

SHEET TITLE:
**TECHNOLOGY - FLOOR
PLAN - AREA A
CONTINUED**

SHEET NO.	PROJ. NO. 020063.00
-----------	------------------------

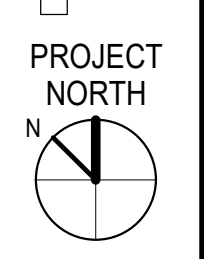
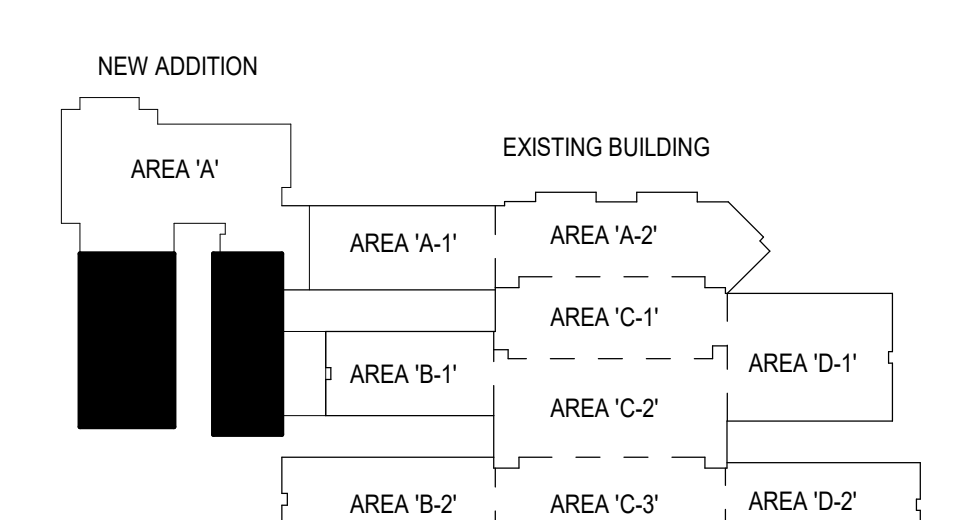
T111

ALL DRAWINGS, SPECIFICATIONS AND COPIES HEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE DRAWINGS, SPECIFICATIONS, COPIES AND/OR ANY OTHER DOCUMENTS ARE TO BE RETURNED TO MCMILLAN PAZDAN SMITH ARCHITECTURE UPON COMPLETION OF THE PROJECT. SUBMISSION OF ANY OTHER DOCUMENTS OR INFORMATION TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE IS STRICTLY PROHIBITED. MCMILLAN PAZDAN SMITH ARCHITECTURE SHALL NOT BE RESPONSIBLE FOR ANY REVISIONS OR CORRECTIONS TO THESE DRAWINGS, SPECIFICATIONS, COPIES AND/OR ANY OTHER DOCUMENTS MADE BY ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. ALL RIGHTS RESERVED.



1 FIRST FLOOR - AREA A CONTINUED
SCALE: 1/8" = 1'-0"

KEY PLAN



SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

125 BURGETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

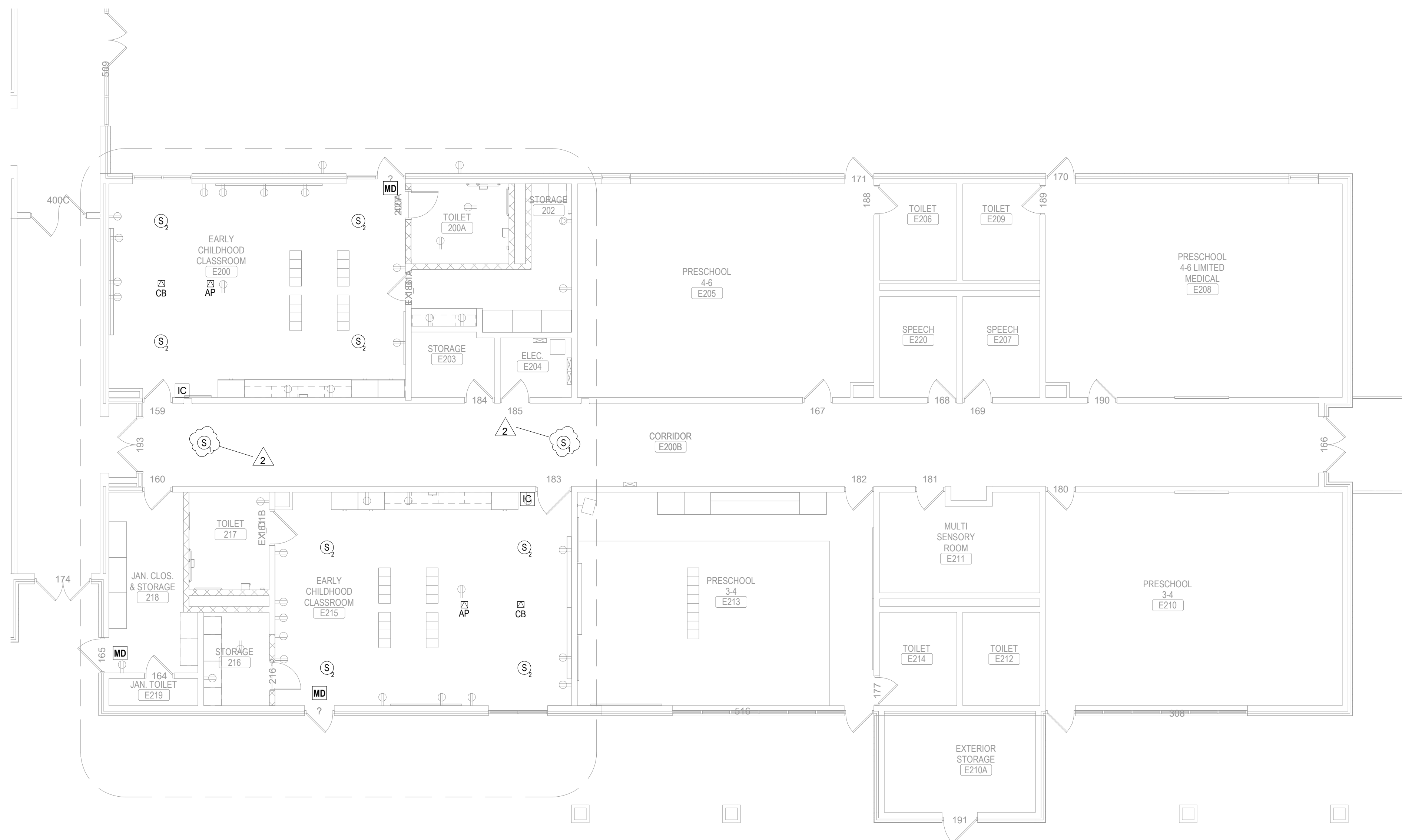
SHEET ISSUE:	NO.	DATE	DESCRIPTION	BY
	1	04/29/2021	Addendum No. 1	BH
	2	05/14/2021	Addendum No. 3	BH

CONSTRUCTION DOCUMENTS	04/19/2021
PRINCIPAL IN CHARGE:	DLL
PROJECT ARCHITECT:	DLL
DRAWN BY:	BH

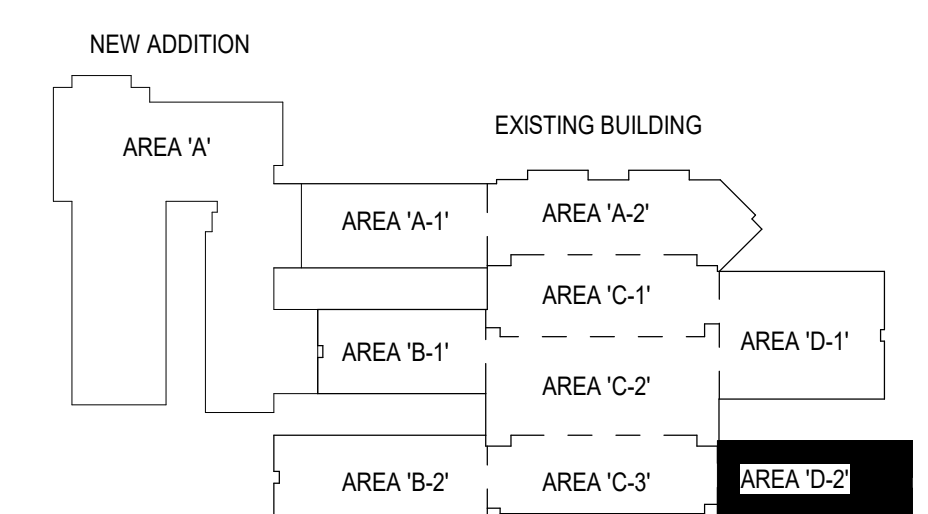
SHEET TITLE:
**TECHNOLOGY - EXIST.
BUILDING RENOVATIONS
PLAN - AREA D-2**

SHEET NO.	PROJ. NO.
	020063.00

T115



KEY PLAN



1 EXISTING BUILDING RENOVATION PLAN - AREA D-2
SCALE: 1/8" = 1'-0"

ALL DRAWINGS, SPECIFICATIONS AND COPIES HEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. NO PART OF ANY DRAWING OR SPECIFICATION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THIS DOCUMENT IS THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE.