



Addendum No. 4

Additions And Renovations To The McCarthy Teszler School

McMillan Pazdan Smith Project No. 020063.00
May 17, 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: **General Drawings:**

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

- G112—TEMPORARY EGRESS PLAN DURING CONSTRUCTION

Item No. 2: **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
- CV4.1 – SITE DETAILS

Item No. 3: **Architectural Drawings:**

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

- A043 –EXIST. BUILDING DEMOLITION PLAN – MECH. PLATFORM
- A110 – FLOOR PLAN – AREA 'A'
- A111—FLOOR PLAN – AREA 'A' CONTINUED
- A115—EXIST. BUILDING RENOVATIONS PLAN AND TEMPORARY CONSTRUCTION PLAN AREA 'D-2'
- A349 – WALL SECTIONS
- A350 – WALL SECTIONS
- A604 – ENLARGED DETAILS
- A700 – INTERIOR ELEVATIONS
- A701 – INTERIOR ELEVATIONS
- A703 – INTERIOR ELEVATIONS

Item No. 4: **Structural Drawings:**

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

- S515 – ROOF FRAMING SECTIONS
- S518 – ROOF FRAMING SECTIONS

Item No. 5: **Plumbing Drawings:**

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

- P103 —EXISTING PLUMBING MODIFICATIONS & NEW SEWER CAMERA TEST
- P200 – FOOD PREP PLUMBING PLAN

Item No. 6: **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
- M301 – EXISTING BUILDING HVAC PLAN
- M400 – HVAC SCHEDULES
- M401 – HVAC SCHEDULES
- M500 – HVAC DETAILS
- M501 – HVAC DETAILS

Item No. 7: Equals:

<u>Section</u>	<u>Product</u>	<u>Manufacturer</u>
09 65 18	Resilient Base and Accessories	Armstrong Wall Base

This addendum contains 2 Summary Pages
 25 30x40 Drawings

End of Addendum No. 4

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.
 SPARTANBURG, SC 29302
 (704) 724-1045
 WWW.KRMFOODSERVICE.COM

KRIS MORPHIS

ROOFING

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

CHRIS WATTS

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 'A1' - TEMPORARY AND FINAL FLOOR PLANS, AND CEILING PLANS
A113	AREA 'B1' - TEMPORARY AND FINAL FLOOR PLANS, AND CEILING PLANS
A114	EXISTING BUILDING ADDITIONS PLAN - AREA 'B-Z'
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

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 'A1' & 'B1' TEMPORARY CONSTRUCTION PLAN
E104	AREA 'A1' & 'B1' 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

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



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
4	05/17/2021	Addendum No. 4	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

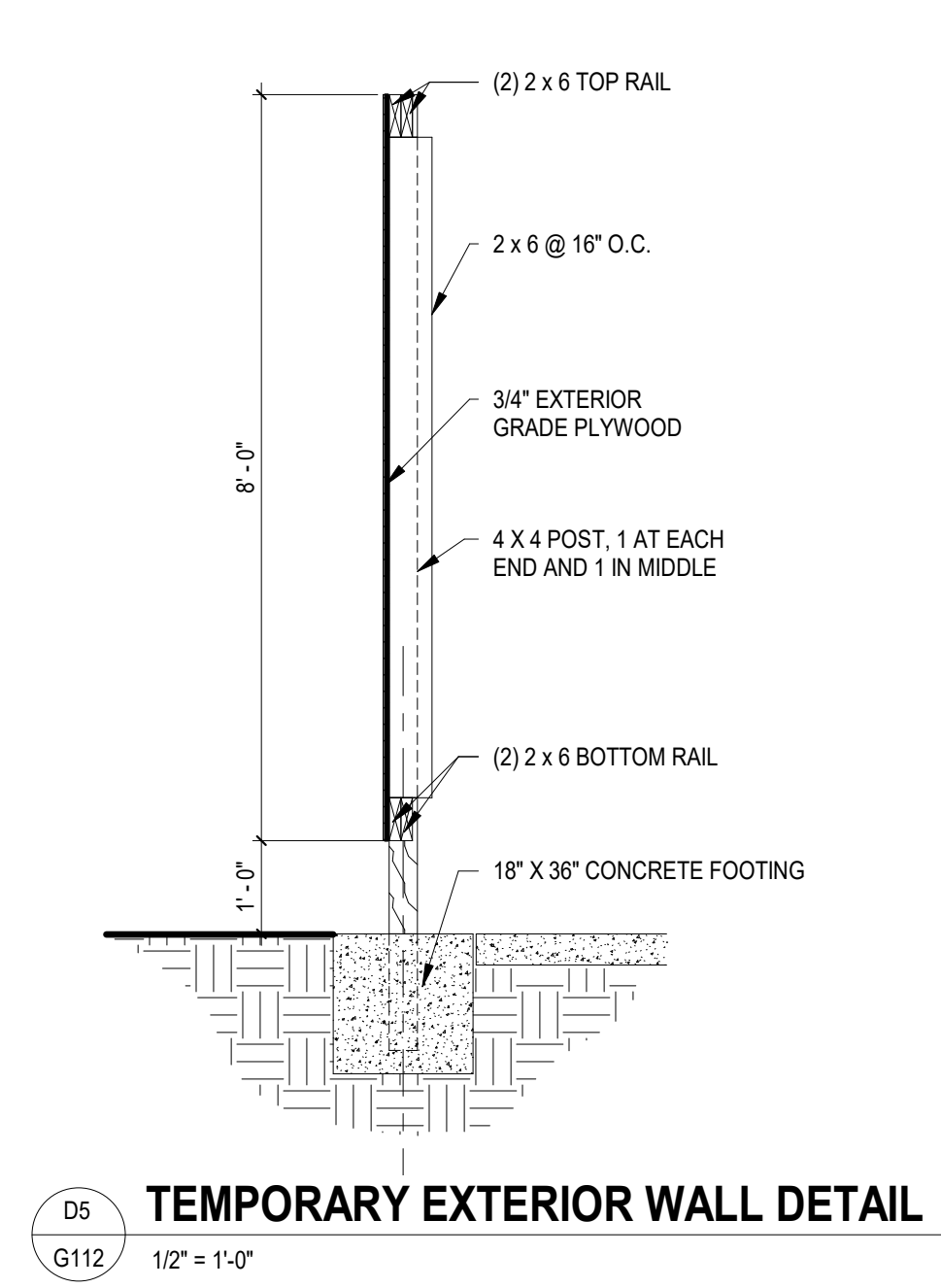
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	DLL

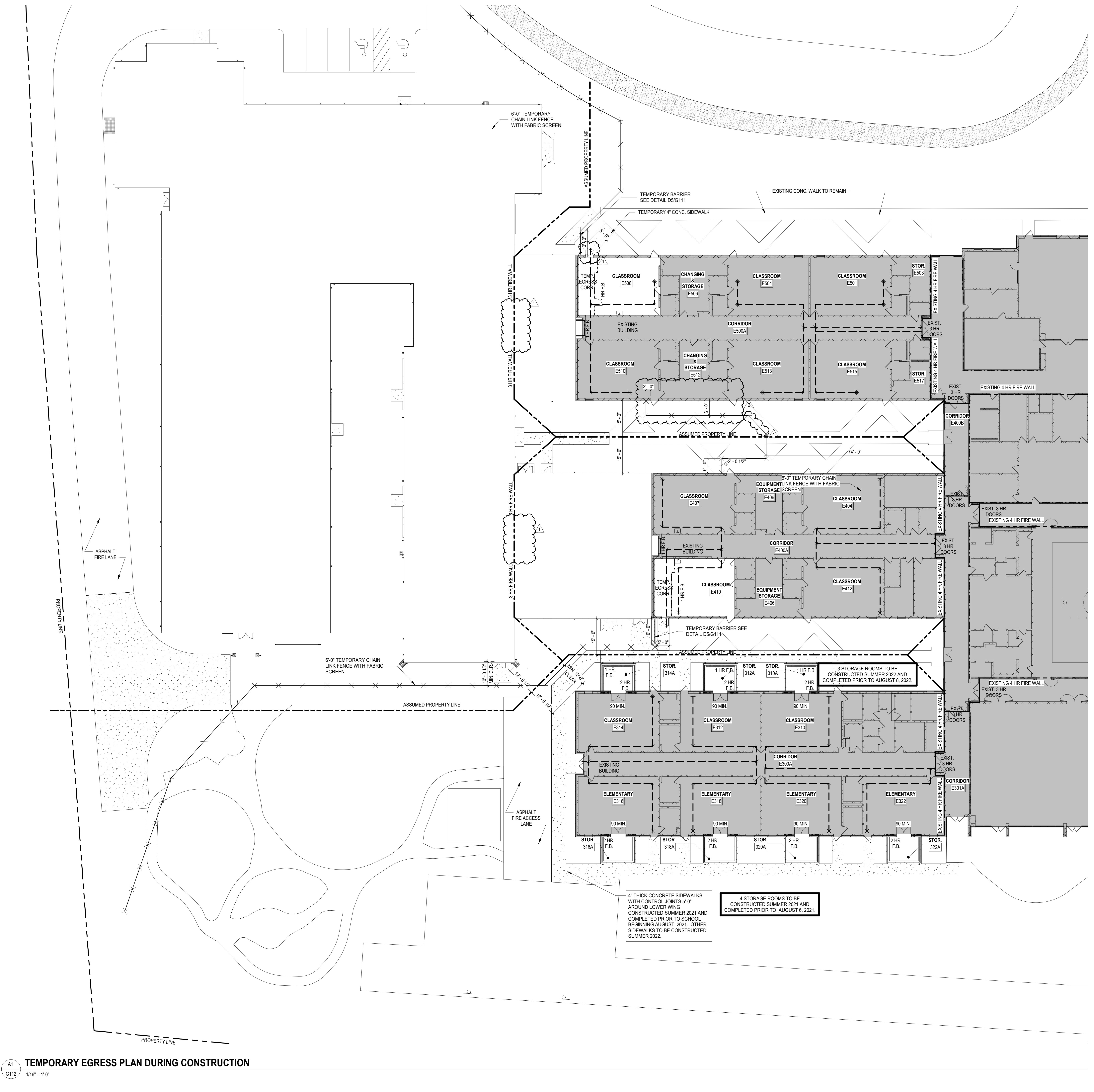
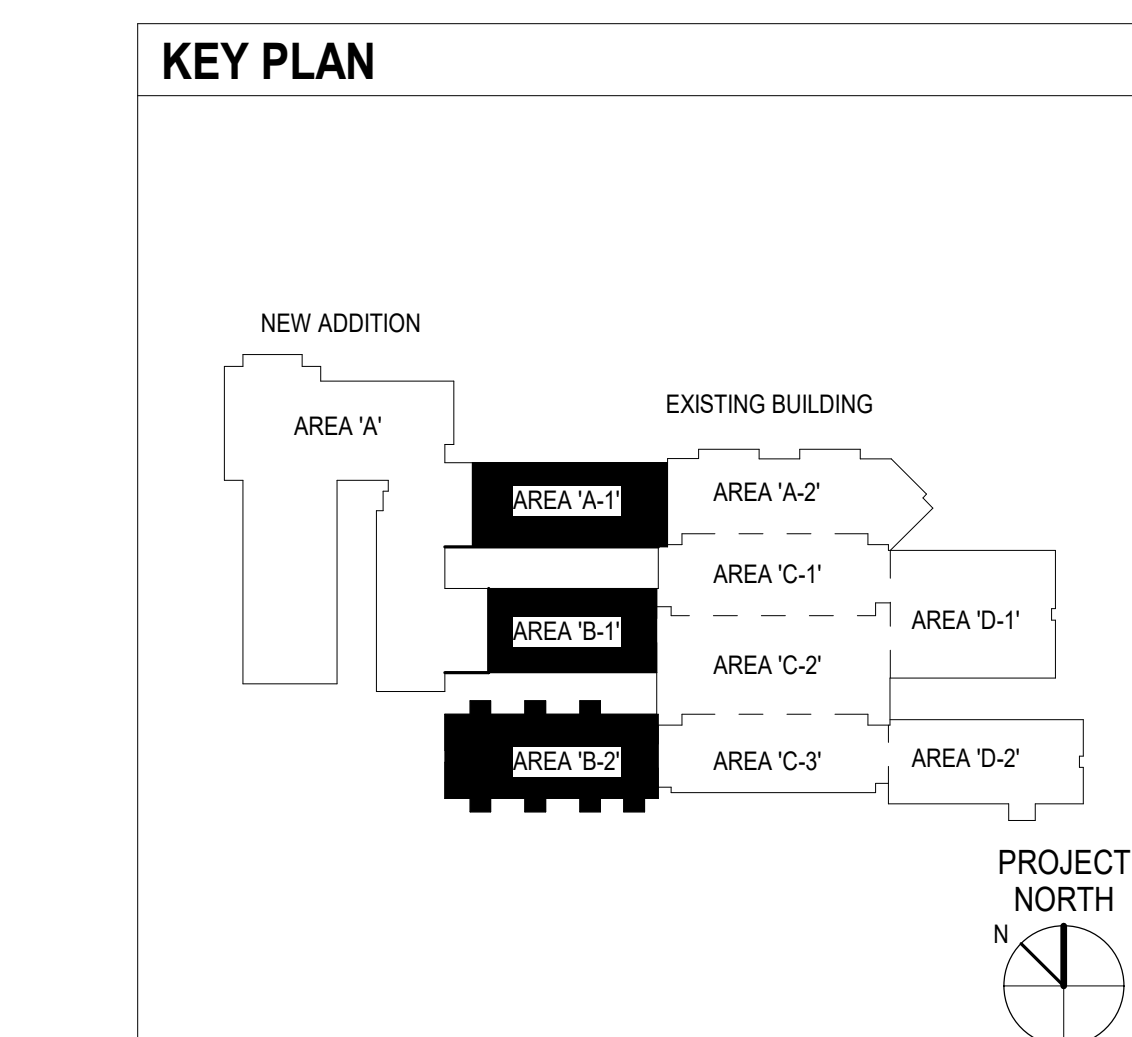
CONSTRUCTION DOCUMENTS	04/19/2021
PRINCIPAL IN CHARGE:	DLL
PROJECT ARCHITECT:	DLL
DRAWN BY:	JMO, JSW, DDC

SHEET TITLE:
**TEMPORARY EGRESS
PLAN DURING
CONSTRUCTION**

SHEET NO.	PROJ. NO. 020063.00
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D5
G112
1/2" = 1'-0"



A1
G112
1/16" = 1'-0"

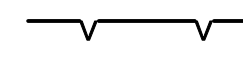






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SEQUENCE OF EVENTS

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 SCDHEC BEFORE CALLING SPARTANBURG COUNTY AT 864-595-5320 TO SCHEDULE THIS MEETING.

1. RECEIVE NPDES COVERAGE FROM SCDHEC.
2. HAVE PRE-CONSTRUCTION (CEPSCI CERTIFICATION MEETING).
3. NOTIFY SPARTANBURG COUNTY ENGINEERING 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITIES.
4. **PHASE I: INITIAL EROSION CONTROL (CV1.2)**
 - A. CLEARING AND GRUBBING / DEMOLITION ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE AND CONSTRUCTION ENTRANCE).
 - B. REPAIR & MAINTAIN EXISTING SEDIMENT TRAP ST UNTIL PLAYING FIELD GRADED.
 - C. INSTALL PERIMETER CONTROLS.
 - D. BEGIN SELECT DEMOLITION. DO NOT REMOVE EXISTING EROSION CONTROL MEASURES UNTIL GRADING OPERATIONS REQUIRE REMOVAL.
5. **PHASE II: GRADING (CV1.2 & CV3.1)**
 - A. CONTINUE & COMPLETE CLEARING AND GRUBBING.
 - B. BEGIN MASS GRADING OPERATIONS.
 - C. INSTALL SWALES / INSTALL SLOPE DRAINS / PIPE AS REQUIRED TO DIRECT RUNOFF TO CONTROL MEASURES.
 - D. INSTALL NEW STORM DRAINAGE.
 - E. PLACE INLET PROTECTION AROUND ALL CATCH BASINS.
 - F. COMPLETE REMAINING GRADING, STORM DRAINAGE, AND SITE UTILITIES.
 - G. COMPLETE BUILDING AND PAVEMENT CONSTRUCTION.
6. **PHASE III: STABILIZATION (CV3.1)**
 - A. APPLY GRASSING IN ACCORDANCE WITH GRASS NOTES.
 - B. INSPECT AND MAINTAIN ALL EROSION CONTROL AS INDICATED IN GRADING NOTES.
 - C. PERMANENT GRASS SHALL BE INSTALLED FOR ALL AREAS AT FINAL GRADE AND IN SEASON INDICATED ON GRASS NOTES.
 - D. AFTER COMPLETION OF CONSTRUCTION AND THE SITE IS STABILIZED:
 - (A) REMOVE ALL ACCUMULATED SEDIMENT FROM SEDIMENT TRAPPING MEASURES AND SPREAD EVENLY ACROSS THE SITE.
 - (B) REMOVE ALL TEMPORARY EROSION CONTROL MEASURES, SMOOTH AREAS AND APPLY GRASSING PER GRASS NOTES/SPECIFICATIONS.
 - E. 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.
1. ALL LITTER, TRASH AND CONSTRUCTION DEBRIS SHALL BE COLLECTED, STORED AND DISPOSED OF IN ACCORDANCE WITH SCDHEC SOLID WASTE REGULATIONS.
 2. 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.
 3. 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 UTILITY LOCATOR TO IDENTIFY & MARK UTILITIES IN ALL CONSTRUCTION AREAS. PROVIDE ANY DISCREPANCIES BETWEEN FIELD & PLANS TO ARCHITECT & ENGINEER.

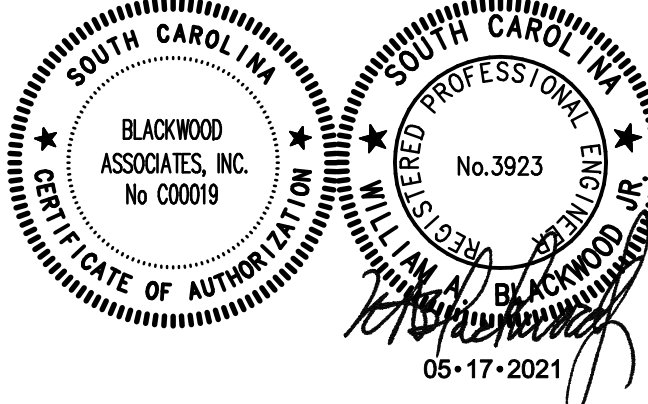
POND MODIFICATIONS

1. CUT ALL VEGETATION INSIDE FENCE TO 3"-4" IN HEIGHT.
2. EXCAVATE POND BELOW CONTOUR ELEV. 780 AS SHOWN ON THIS PLAN SHEET.
3. INSTALL VEGETATIVE MATTING ON ALL DISTURBED AREAS INSIDE FENCE AFTER GRASSING APPLICATION.
4. INSTALL THREE ROWS OF COR BAFFLES.
5. MODIFY EXISTING OUTLET STRUCTURE:
 - A. CLOSE TWO OF THE FOUR LOW ELEVATION 6" ORIFICES AT ELEV. 776.64.
 - B. CLOSE ALL THREE MID ELEVATION 6" ORIFICES AT ELEV. 778.64.
 - C. ADD TWO ADDITIONAL HIGH ELEVATION 6" ORIFICES BY CORING PRECAST STRUCTURE IN FIELD - NO CHISELING. ORIFICE INVERT AT 780.74.
 - D. ADD 24" RISER TO STRUCTURE TO ACHIEVE TOP RM ELEVATION OF 785.64.
 - E. INSTALL NEW CONICAL TRASH RACK (DETAIL 4.1J)
6. PROVIDE TOPOGRAPHIC AS-BUILT SURVEY OF POND TO ENGINEER IN CAD FORMAT. ONCE ACCEPTED, PROVIDE FIVE SEALED & SIGNED HARD COPIES.

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.



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



SPARTANBURG 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	WAB
2	05/12/2021	ADDENDUM NO. 2	WAB
3	05/14/2021	ADDENDUM NO. 3	WAB
4	05/17/2021	ADDENDUM NO. 4	WAB

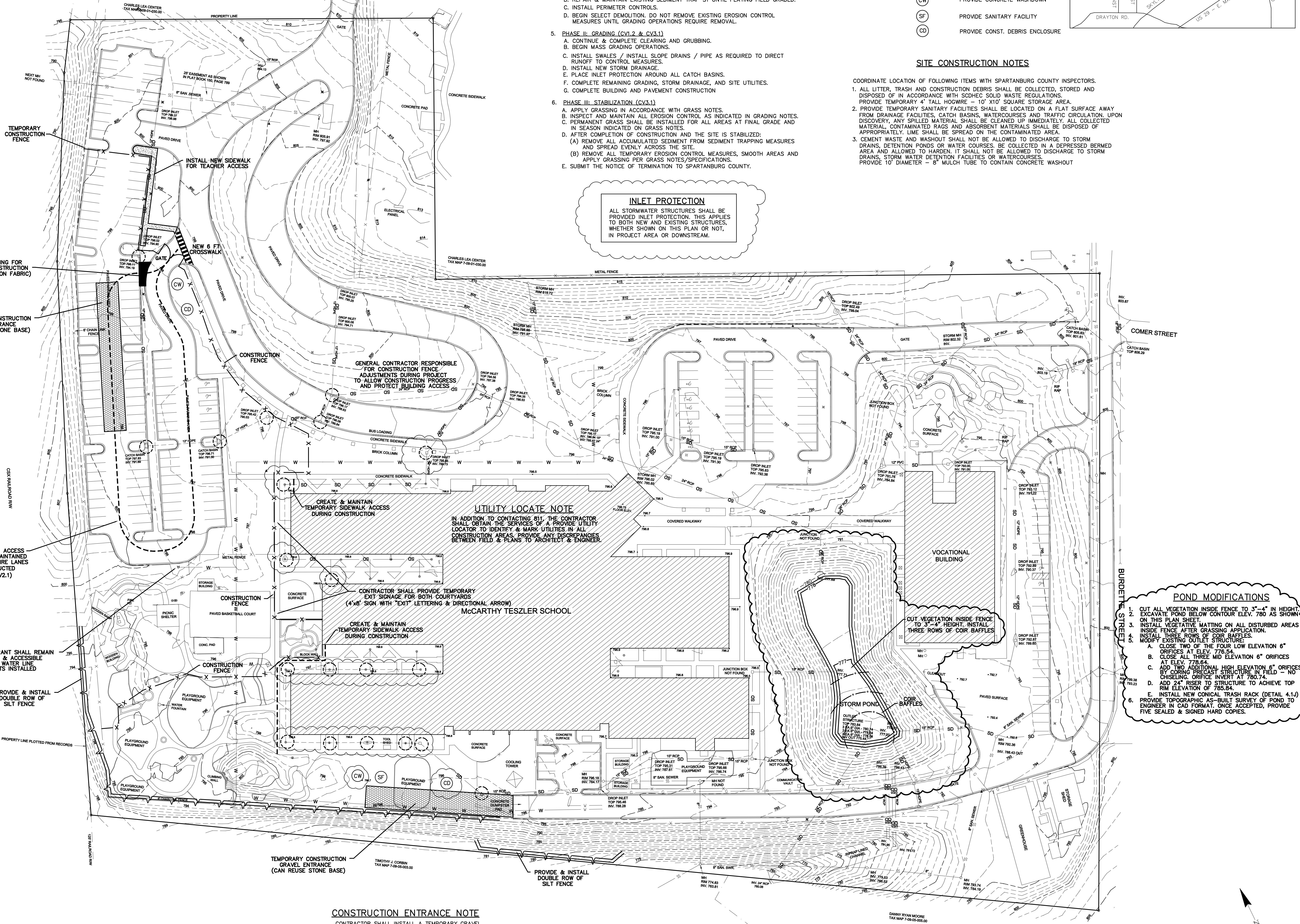
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WAB
PROJECT ENGINEER: WAB
DRAWN BY: WAB

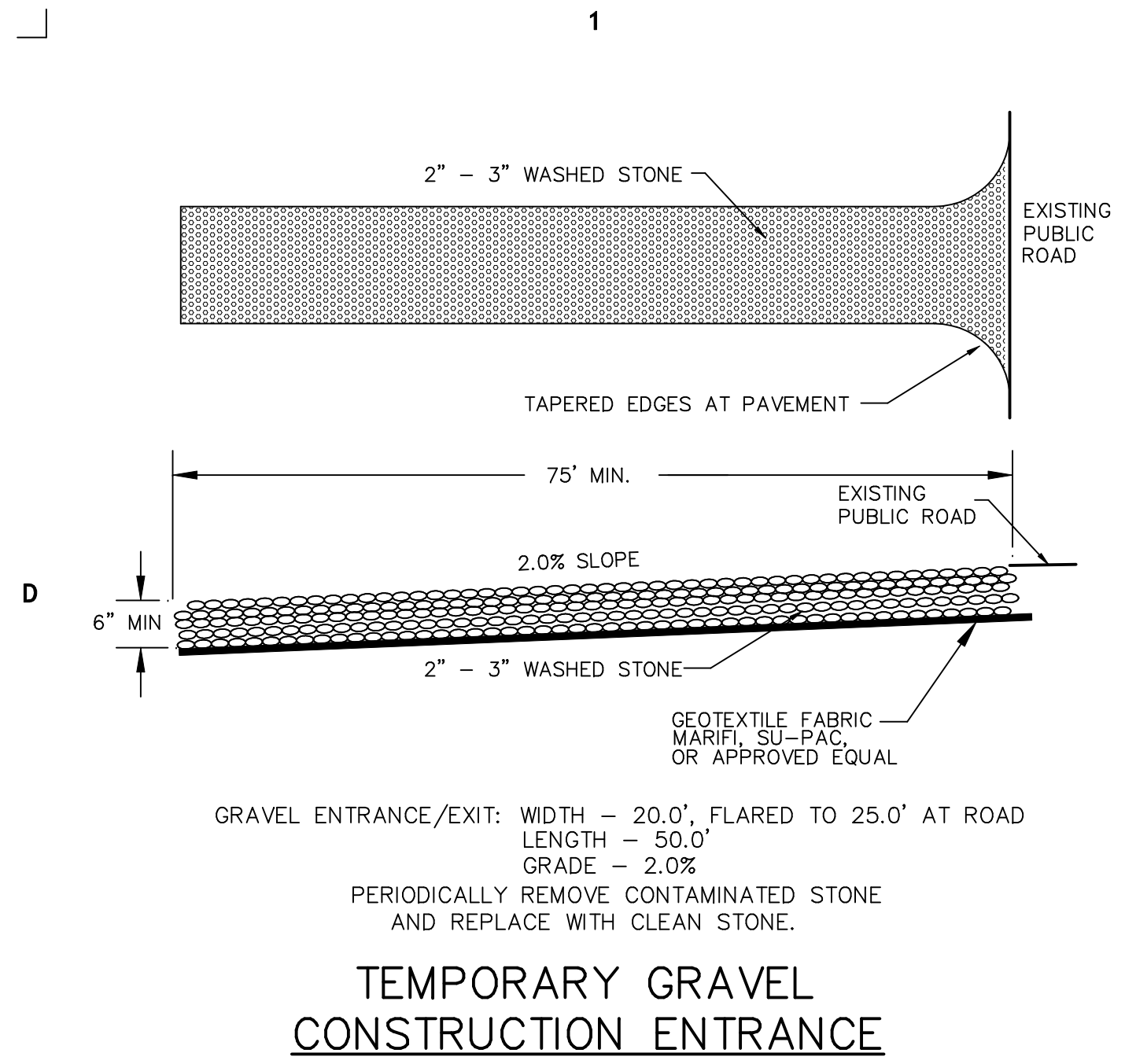
SITE PREPARATION PLAN

SHEET NO. PROJ. NO.
020603.00

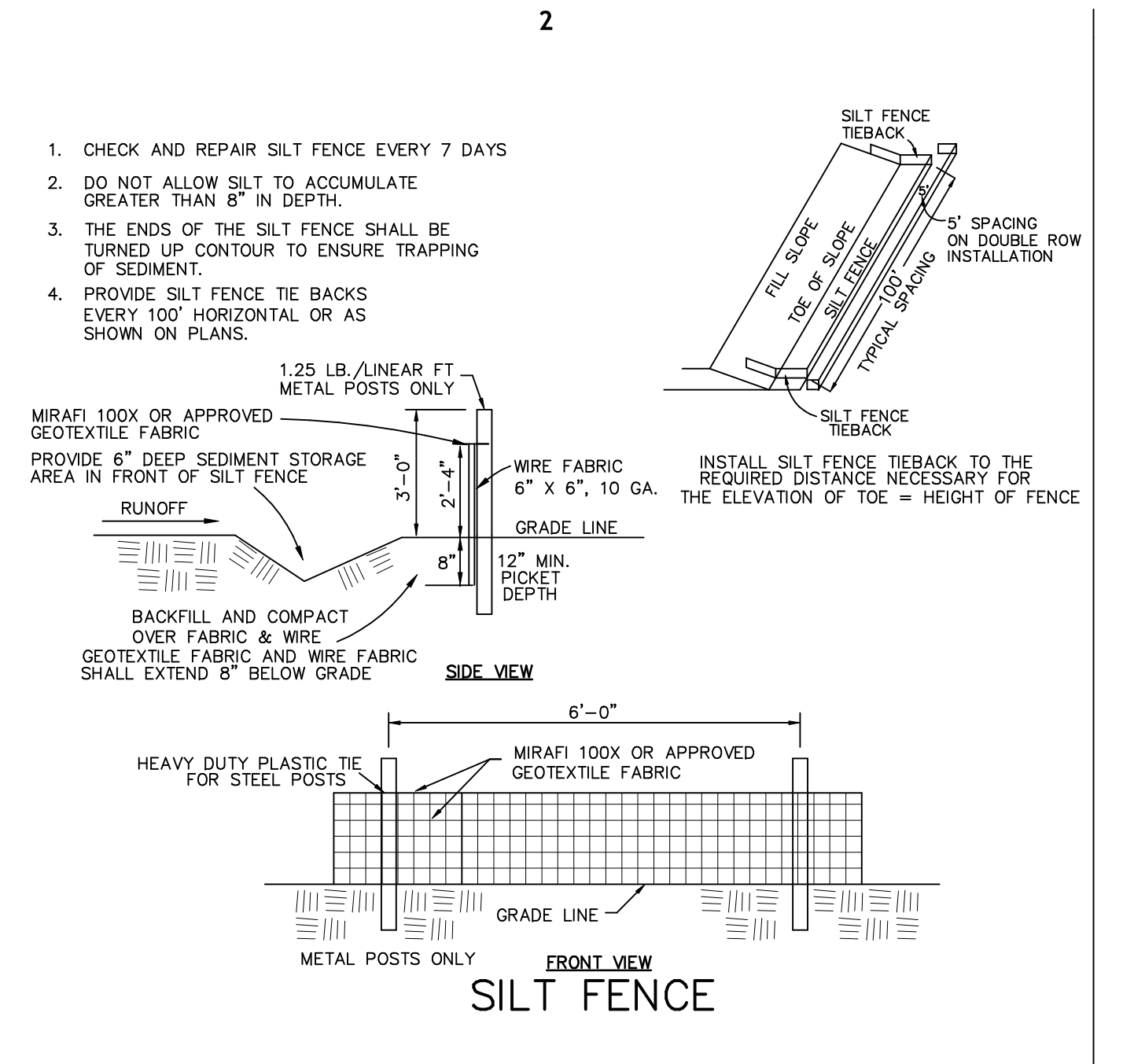
CV1.2

1 INCH = 40 FEET

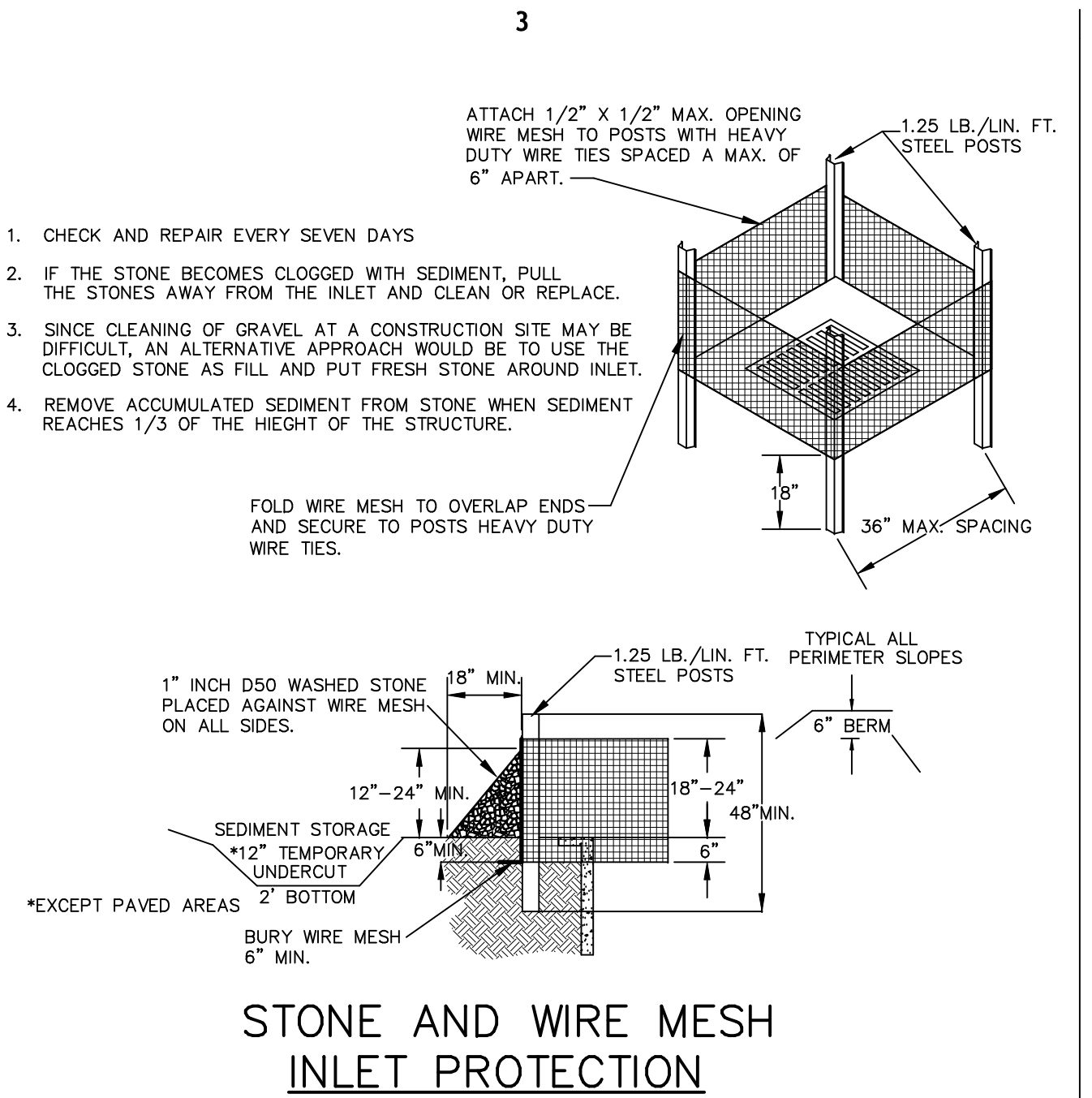




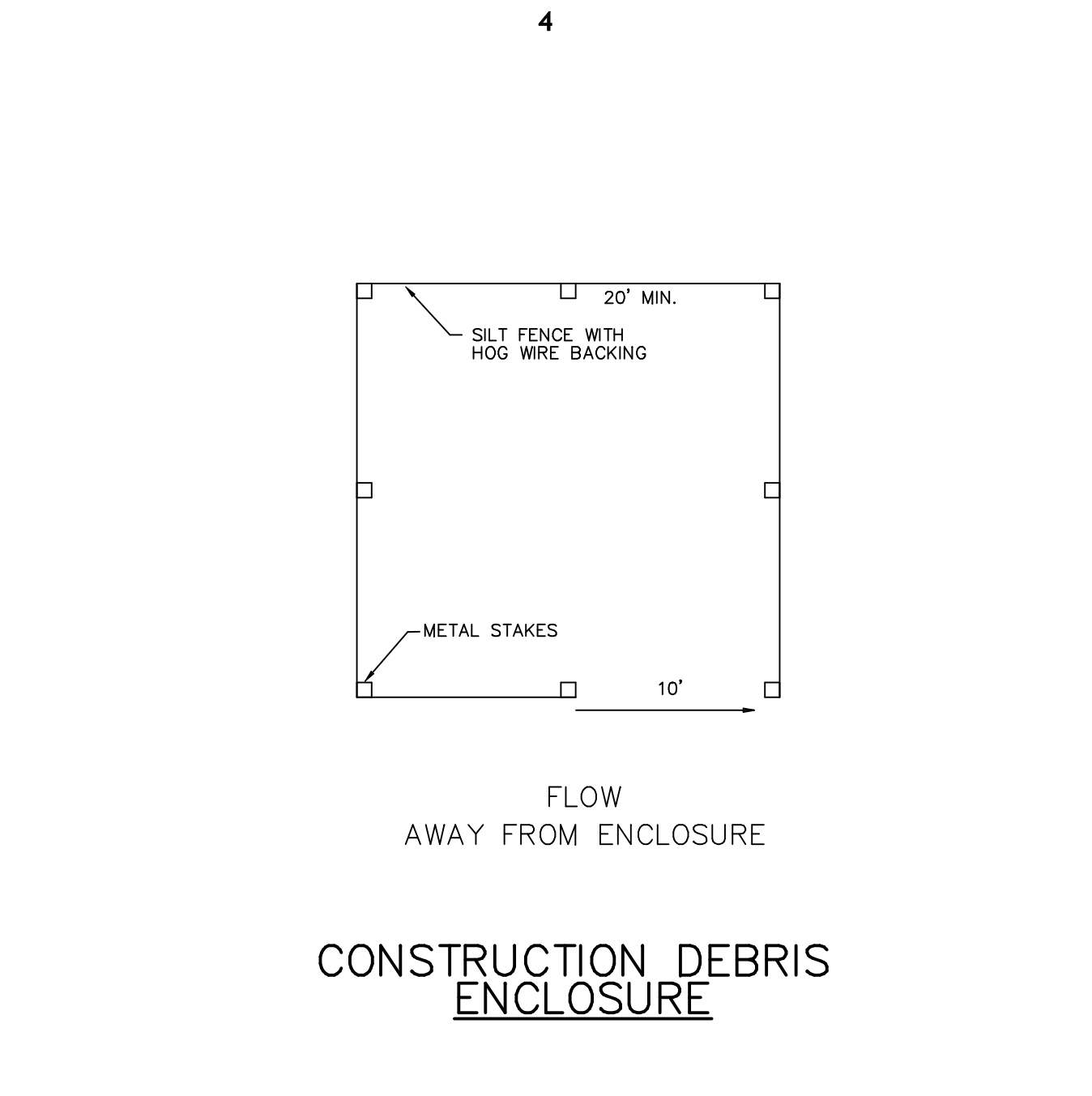
DETAIL 4.1A NOT TO SCALE



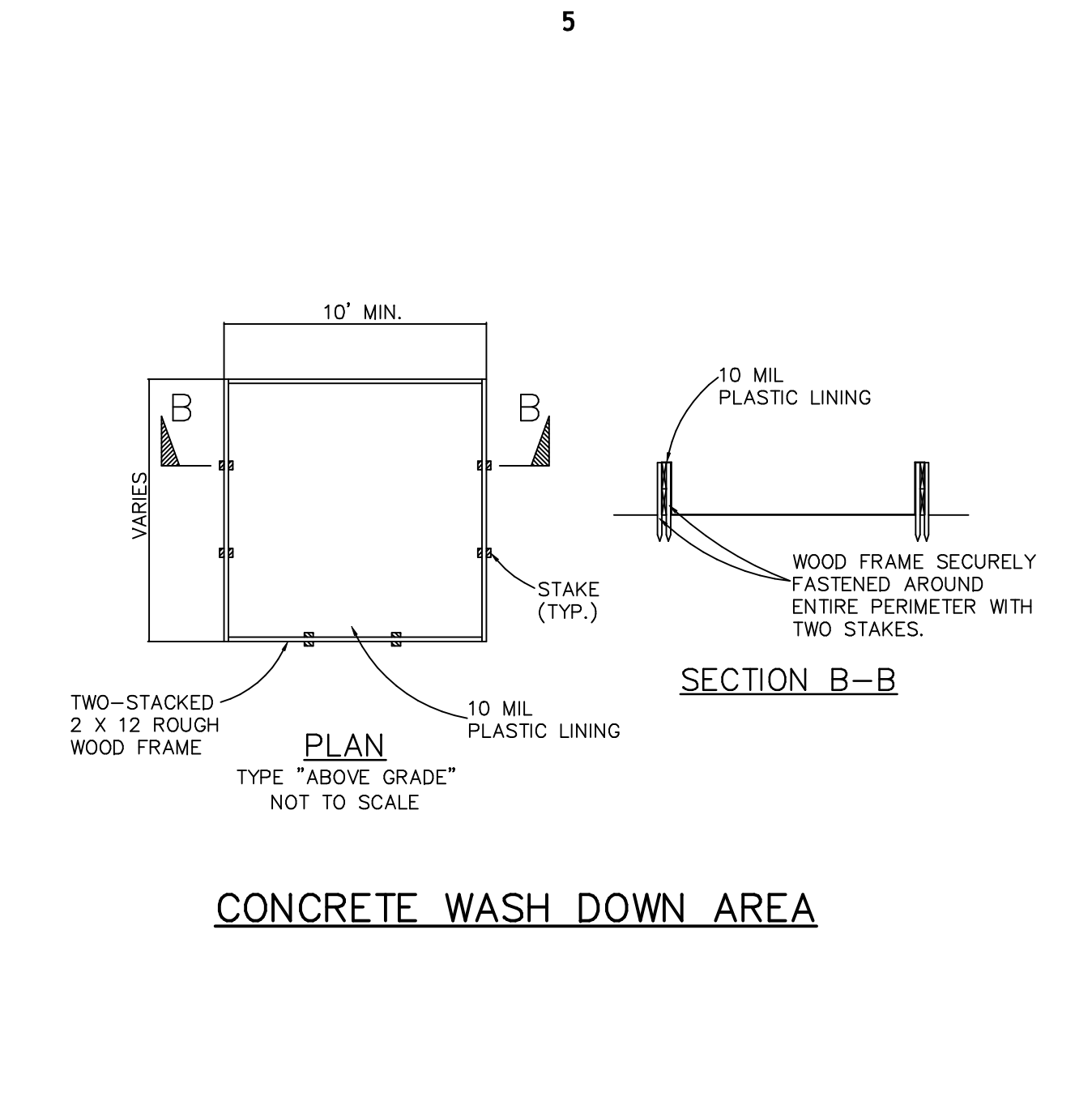
DETAIL 4.1B NOT TO SCALE



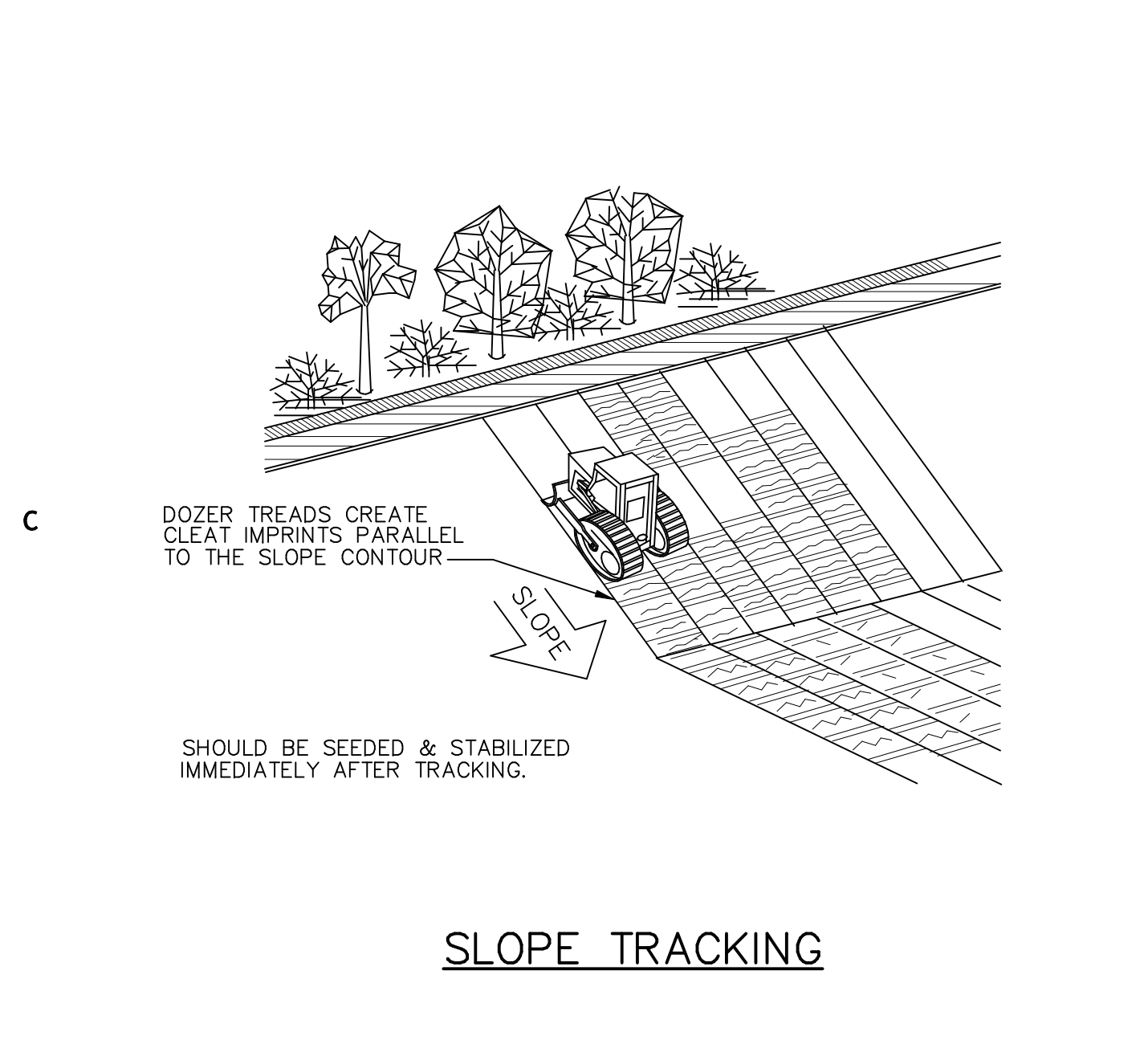
DETAIL 4.1C NOT TO SCALE



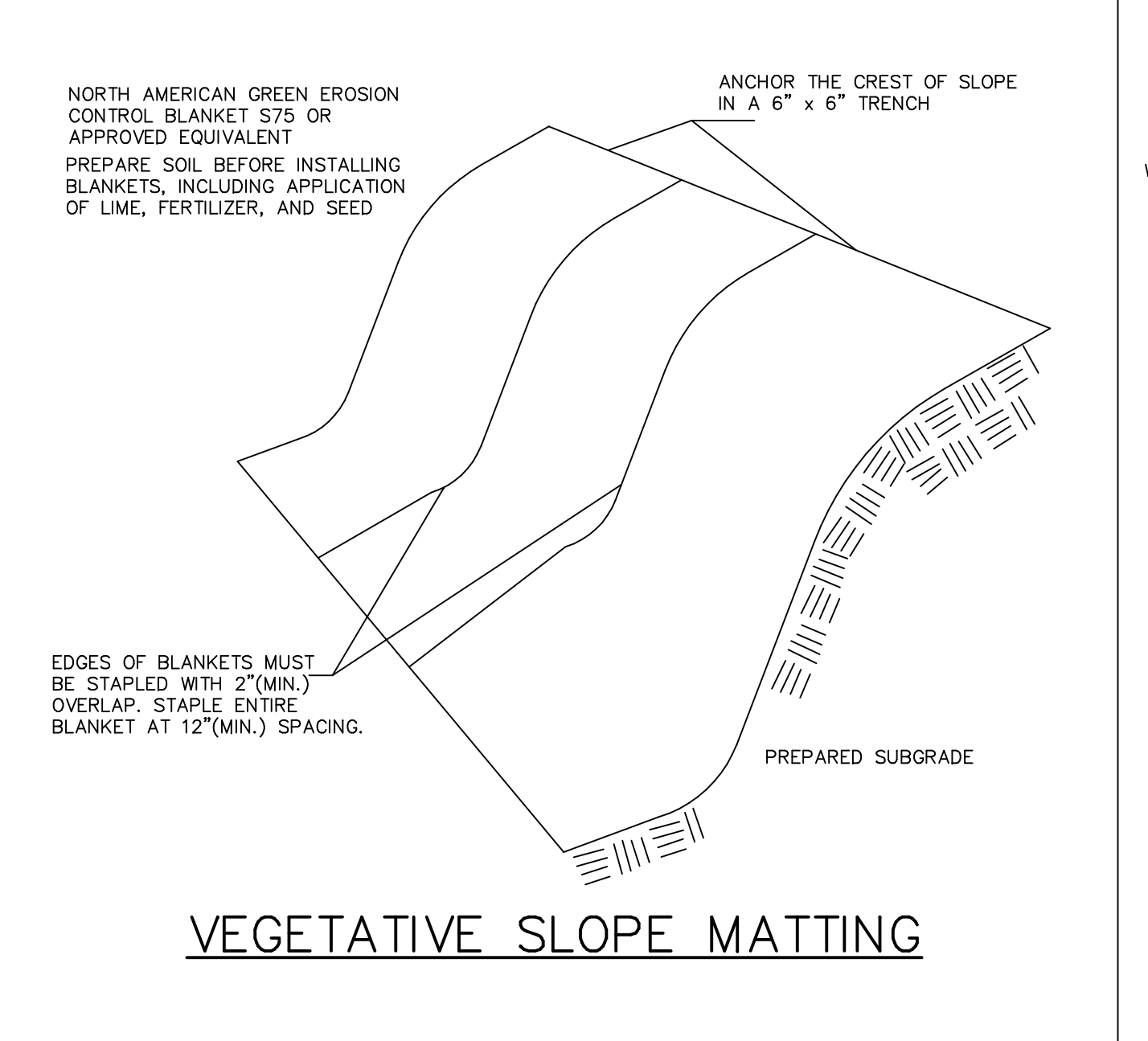
DETAIL 4.1D NOT TO SCALE



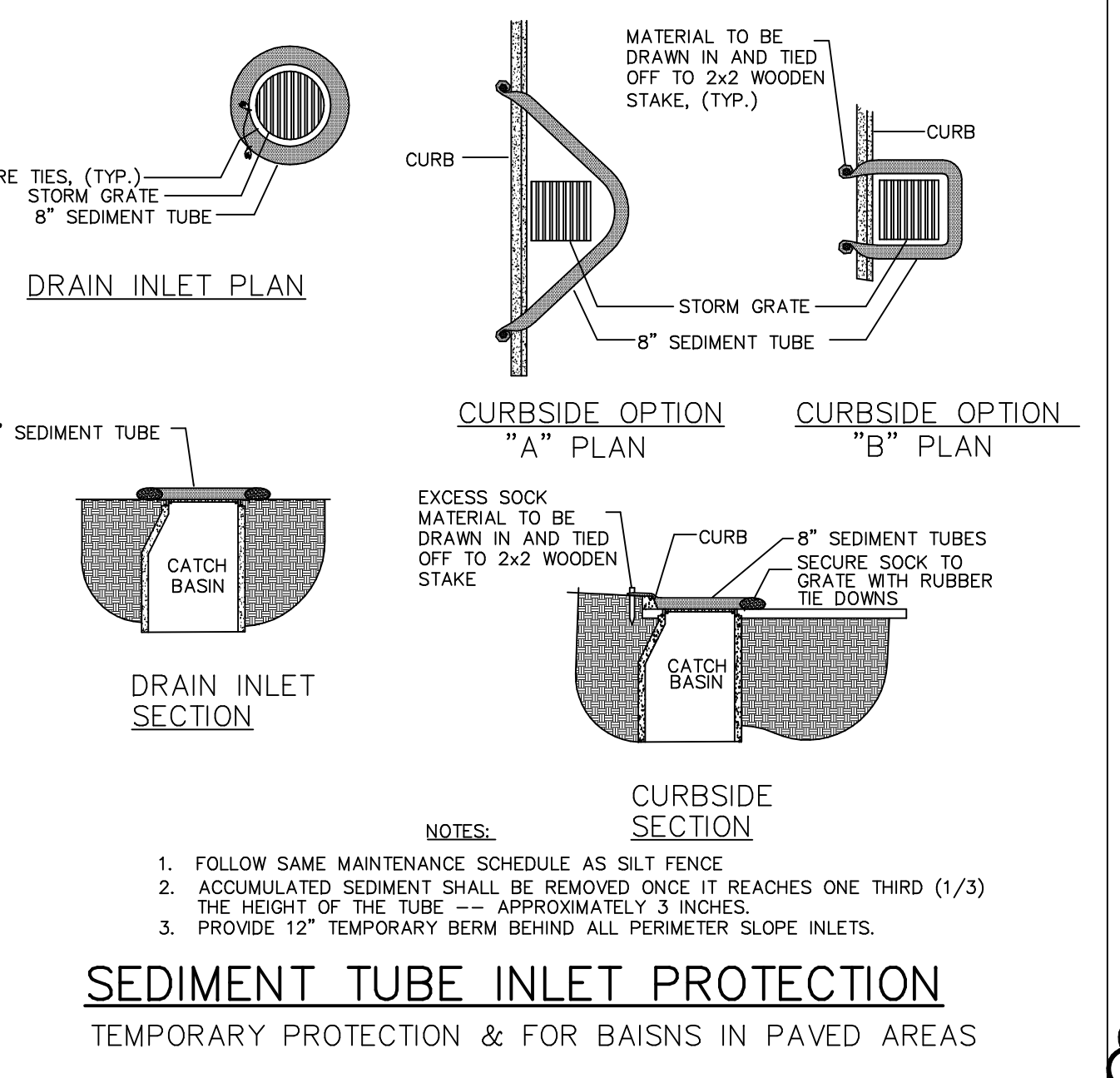
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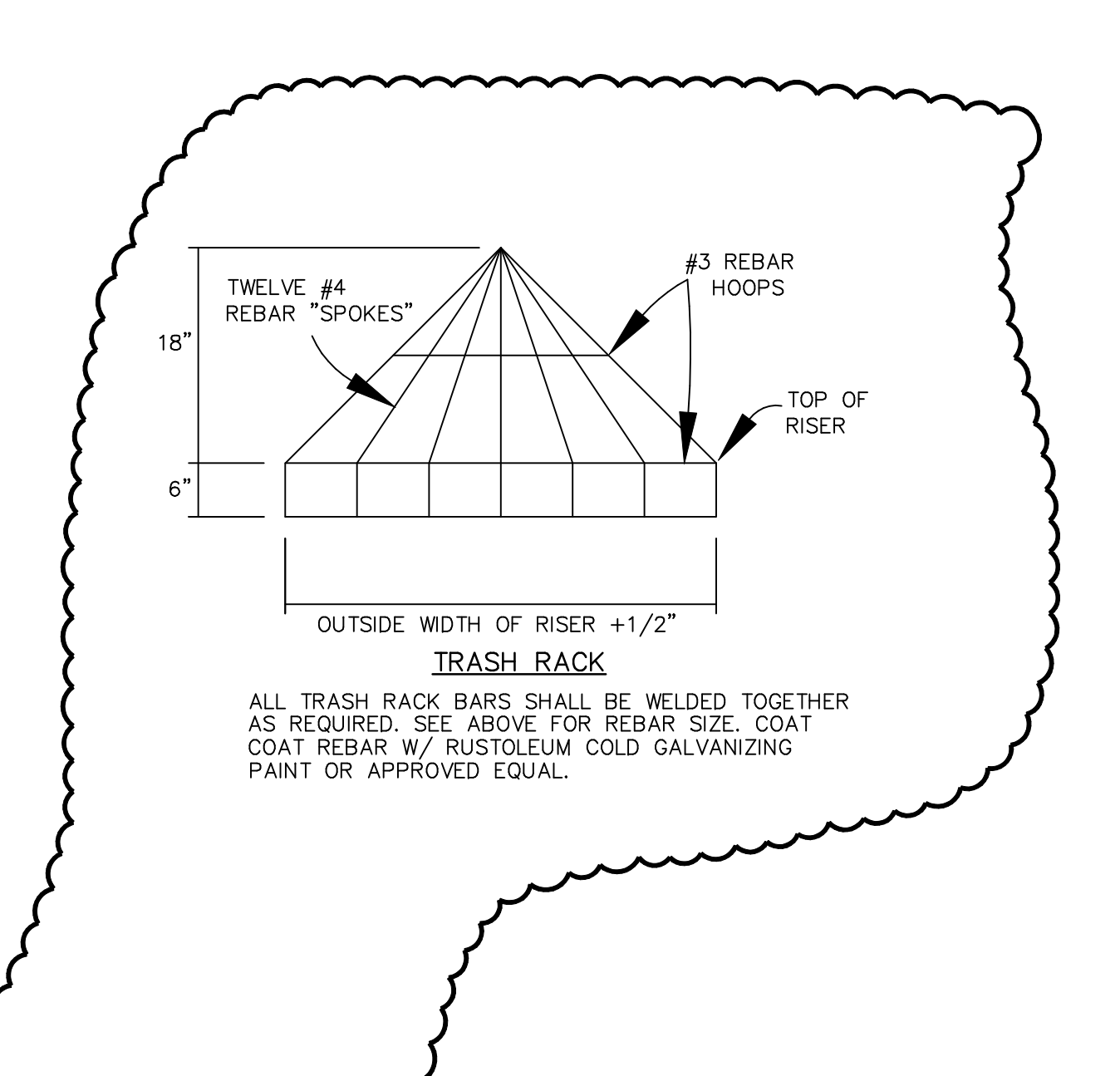
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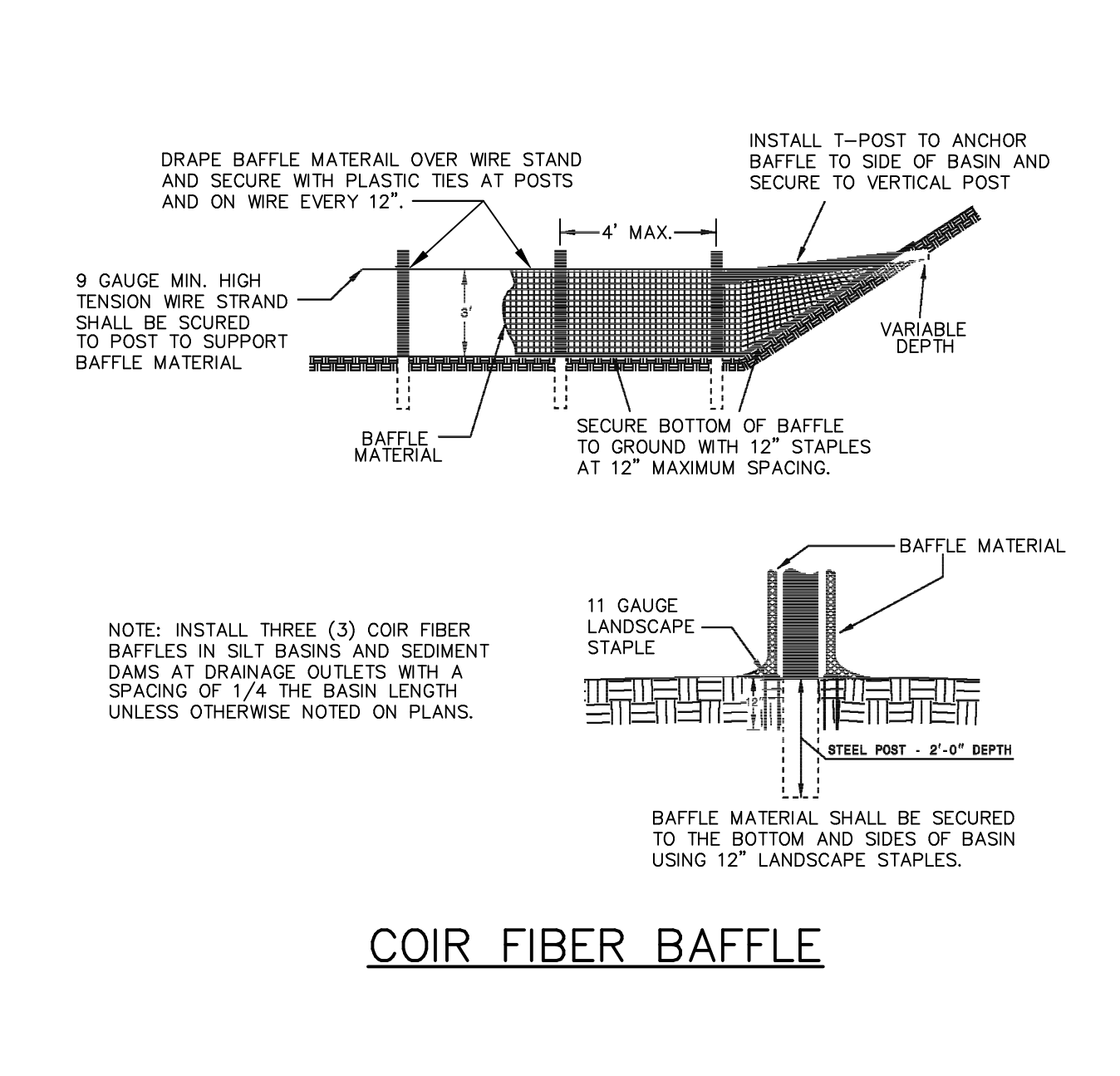
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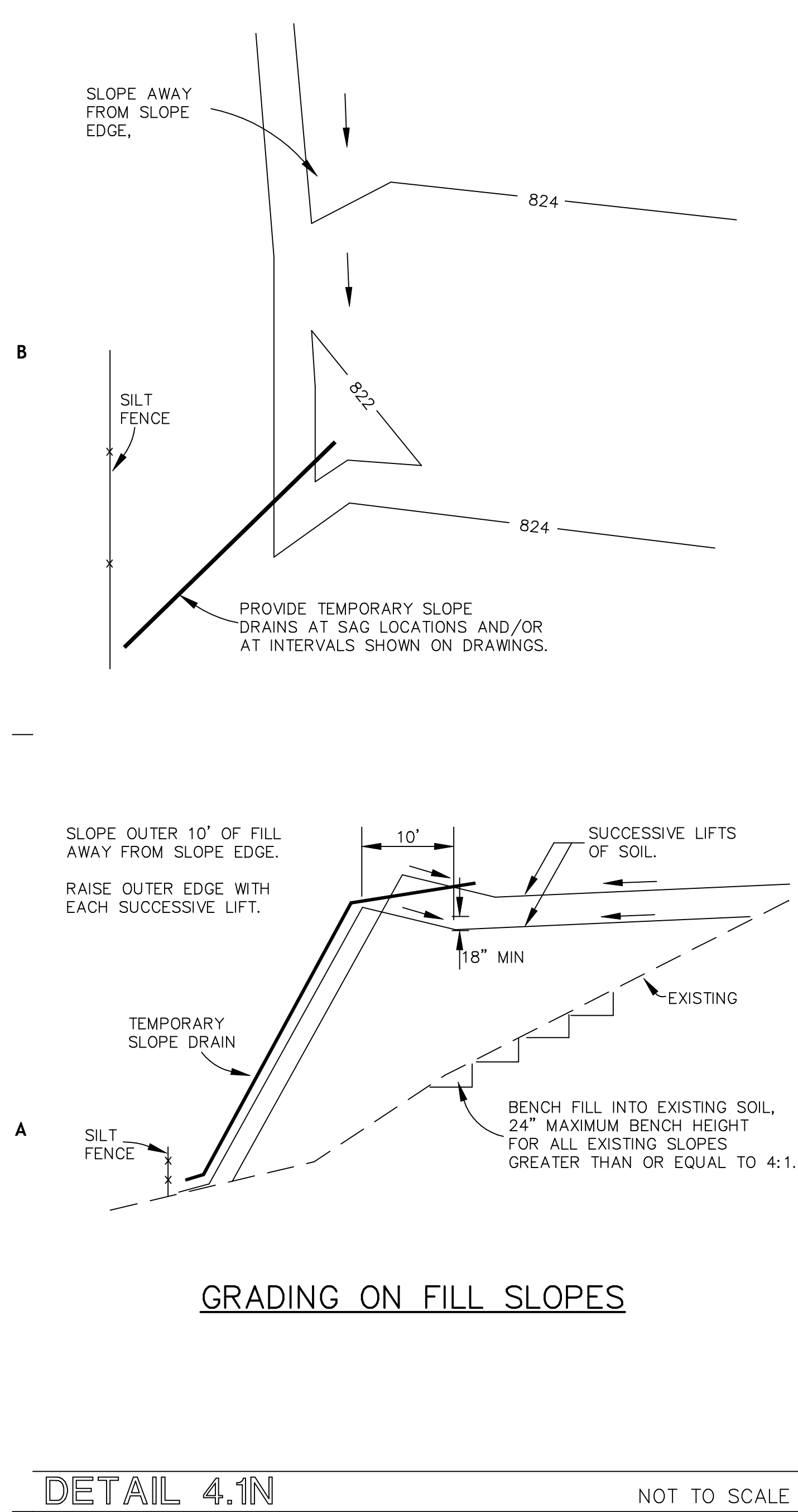
DETAIL 4.1H NOT TO SCALE



DETAIL 4.1J NOT TO SCALE



DETAIL 4.1K NOT TO SCALE



DETAIL 4.1N NOT TO SCALE

SCDHEC STANDARD NOTES

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS. IN ADDITION TO HYDROSEEDING, IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE CALENDAR EVERY WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE CONTAMINATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATERS AND OTHER WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASINS, FILTER BAG, ETC.).
 - WASHWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL.
 - WASHWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS.
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

GRASS NOTES:

- ON ANY PORTION OF THE SITE WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED, ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AS SOON AS PRACTICABLE, BUT NOT EXCEEDING FOURTEEN (14) DAYS AFTER WORK HAS CEASED. TEMPORARY GRASS SHALL BE APPLIED IN AREAS WHERE FUTURE CONSTRUCTION WILL RE-DISTURB THIS AREA, OTHERWISE, PERMANENT GRASS SHALL BE APPLIED.
- IN ANY AREA IN WHICH TEMPORARY GRASS HAS BEEN APPLIED, THE GRASS SHALL BE MOWED AND THE SEED BED RE-SCARIFIED BEFORE PERMANENT GRASS APPLICATION.
- BEFORE PERMANENT GRASS SEEDING IS PERFORMED, THE ENGINEER/OWNER SHALL BE NOTIFIED FOR AN ON SITE INSPECTION OF THE PREPARED SEED BED AND FOR AN INSPECTION OF THE QUANTITIES OF MATERIAL TO BE APPLIED. CALL (864) 583-5432 TO SCHEDULE AN INSPECTION.
- THE CONTRACTOR SHALL PROVIDE A CERTIFIED LETTER INDICATING THE QUANTITIES OF MATERIAL APPLIED PER ACRE.
- BEFORE ACCEPTANCE OF THE SEEDING PERFORMED FOR THE ESTABLISHMENT OF PERMANENT VEGETATION, THE CONTRACTOR WILL BE REQUIRED TO PRODUCE A UNIFORM VEGETATIVE COVER WITH A DENSITY OF % OF THE SEEDING AREA.
- GRASSING SHALL BE PROVIDED FOR ALL DISTURBED AREAS WITH THE FOLLOWING CRITERIA:
 - LIME SHALL BE AGRICULTURAL GRADE GROUND LIMESTONE CONTAINING LEAST 34% MAGNESIUM CARBONATE.
 - SEED SHALL BE A MINIMUM 90% PURITY AND 80% GERMINATION. AREAS TO HAVE GRASS APPLIED SHALL BE SCARIFIED CULTIVATED TO A DEPTH OF 3 INCHES, WITH ALL CLODS OR CLUMPS GREATER THAN 3" BROKEN UP AND FOREIGN MATERIAL INCLUDING ROCKS, ROOTS, AND MISC. DEBRIS REMOVED.
 - FERTILIZER AND LIME SHALL BE THOROUGHLY WORKED INTO THE SOIL, AND THE SURFACE RAKED SMOOTH BEFORE APPLYING SEED.
 - SEED SHALL BE APPLIED EVENLY AT THE MINIMUM RATE AND RAKED LIGHTLY WITH APPROXIMATELY 1/4" TOPSOIL COVER. SEEDING AREAS SHALL BE DRESSED SMOOTH, THEN MULCH (STRAW) SHALL BE APPLIED MECHANICALLY.
 - AREAS SHALL BE SPRAYED IMMEDIATELY WITH AN EMULSION TO BIND SEED AND MULCH.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ALL MAINTENANCE NECESSARY TO KEEP SEEDING AREAS IN SATISFACTORY CONDITION UNTIL THE WORK IS ACCEPTED. THIS INCLUDES MOWING, IRRIGATING, REPAIRING OF EROSION WASHES, AND ADDITIONAL SEED, FERTILIZER AND MULCH APPLIED TO AREAS WHERE A SATISFACTORY STAND OF GRASS HAS NOT BEEN ACHIEVED. ALL COSTS INCLUDING IRRIGATING AND MOWING TO BE INCLUDED IN BASE BID PRICE.
- PAYMENT TO THE CONTRACTOR SHALL NOT EXCEED 75% OF THE CONTRACT PRICE FOR GRASS UNTIL A SATISFACTORY STAND OF PERMANENT GRASS HAS BEEN OBTAINED.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING A STAND OF GRASS WITH A ROOT SYSTEM THAT HAS DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE CONTRACTOR SHALL WARRANT ALL GRASS FOR A PERIOD OF 1 YEAR BEGINNING FROM THE DATE OF ACCEPTANCE BY THE OWNER/ENGINEER.
- ALL COSTS FOR PROVIDING AN ACCEPTABLE STAND OF GRASS (PERMANENT & TEMPORARY SEEDINGS) SHALL BE INCLUDED IN BASE BID. NO ADDITIONAL CHARGES WILL BE HONORED FOR REPAIRS DUE TO WEATHER OR OTHER REASONS. THE CONTRACTOR SHALL ACCEPT RESPONSIBILITY AND COSTS FOR PROVIDING AN ACCEPTABLE STAND OF GRASS.

TEMPORARY GRASS		PERMANENT GRASS	
JAN 1 - MAY 1		MAY 1 - AUGUST 31	
RYE (GRASS)	110 LB/ACRE	BERMUDA (WITHOUT HULLS)	75 LB/ACRE
ANNUAL LESPEDEZZA	30 LB/ACRE	BROWN TOP MILLET	10 LB/ACRE
MULCH (STRAW)	4000 LB/ACRE	FESCUE	25 LB/ACRE
AGRICULTURAL LIMESTONE	2000 LB/ACRE	FERTILIZER 10-10-10	1000 LB/ACRE
FERTILIZER 10-10-10	500 LB/ACRE	(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	3000 LB/ACRE
FERTILIZER 10-10-10	500 LB/ACRE	AGRICULTURAL LIMESTONE	3000 LB/ACRE
(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	500 LB/ACRE	MULCH (STRAW)	4000 LB/ACRE
MAY 1 - AUG 15		SEPTEMBER 1 - APRIL 30	
GERMAN MILLET	50 LB/ACRE	FESCUE	150 LB/ACRE
MULCH (STRAW)	4000 LB/ACRE	BERMUDA (WITH HULLS)	50 LB/ACRE
AGRICULTURAL LIMESTONE	2000 LB/ACRE	RYE GRASS	25 LB/ACRE
FERTILIZER 10-10-10	500 LB/ACRE	FERTILIZER 10-10-10	1000 LB/ACRE
(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	500 LB/ACRE	(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	3000 LB/ACRE
		AGRICULTURAL LIMESTONE	3000 LB/ACRE
		MULCH (STRAW)	4000 LB/ACRE
AUG 15 - DEC 30			
RYE (GRASS)	110 LB/ACRE	MULCH (1 1/2" STEEPER)	
MULCH (STRAW)	4000 LB/ACRE	WEEDING LOVEGRASS	25 LB/ACRE
AGRICULTURAL LIMESTONE	2000 LB/ACRE	FERTILIZER 10-10-10	1000 LB/ACRE
FERTILIZER 10-10-10	500 LB/ACRE	(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	3000 LB/ACRE
(EARTH FRIENDLY - SLOW NITROGEN RELEASE)	500 LB/ACRE	AGRICULTURAL LIMESTONE	3000 LB/ACRE
		MULCH (STRAW)	4000 LB/ACRE

**mcmillan
pazdan
smith
ARCHITECTURE**

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

BLACKWOOD ASSOCIATES, INC.
No. 00019
No. 3923
05-17-2021

SPARTANBURG SCHOOL DISTRICT 7
175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

**ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL**

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
4	05/17/2021	ADDENDUM NO. 4	WAB

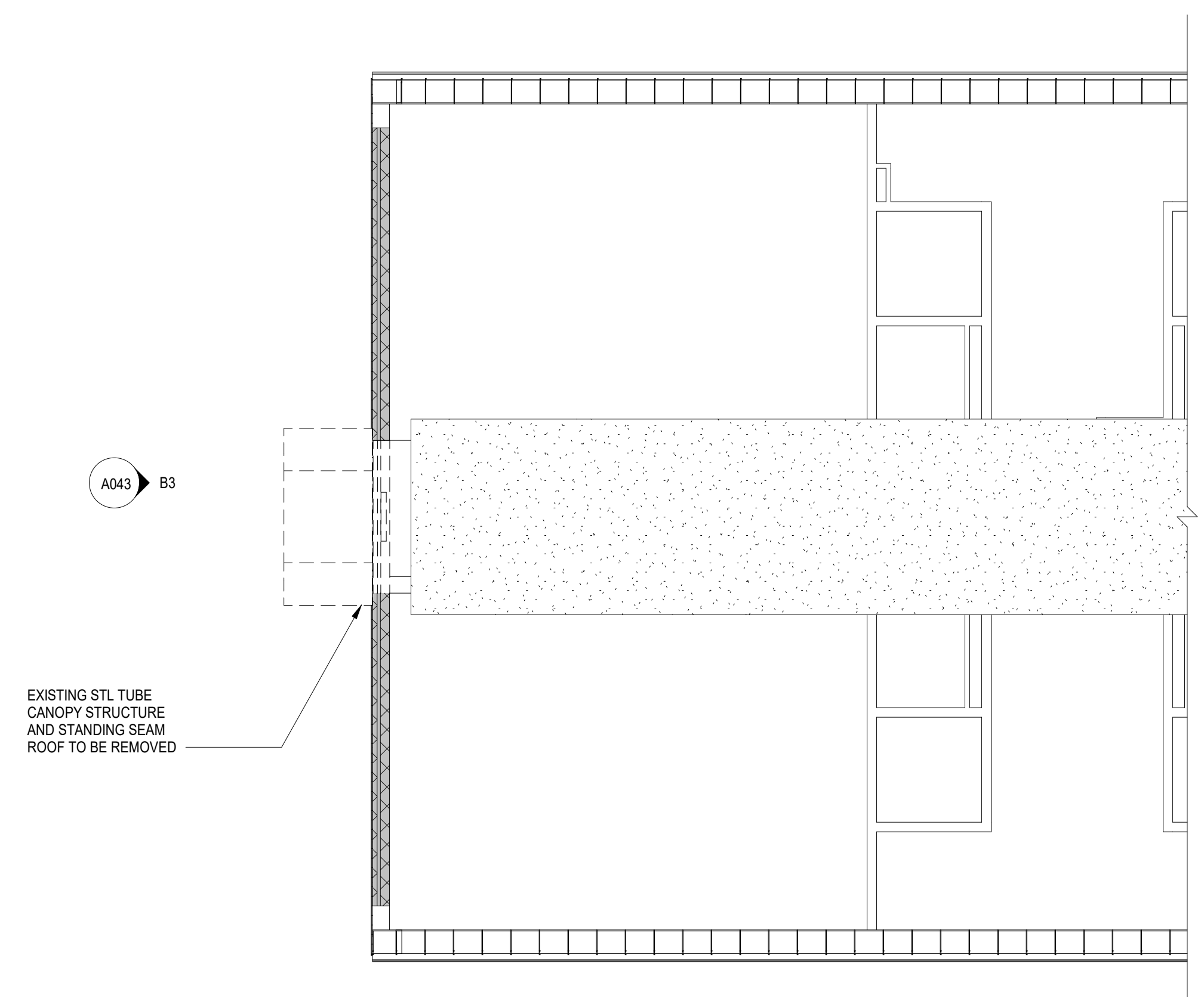
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WAB
PROJECT ENGINEER: WAB
DRAWN BY: WAB

**SITE
DETAILS**

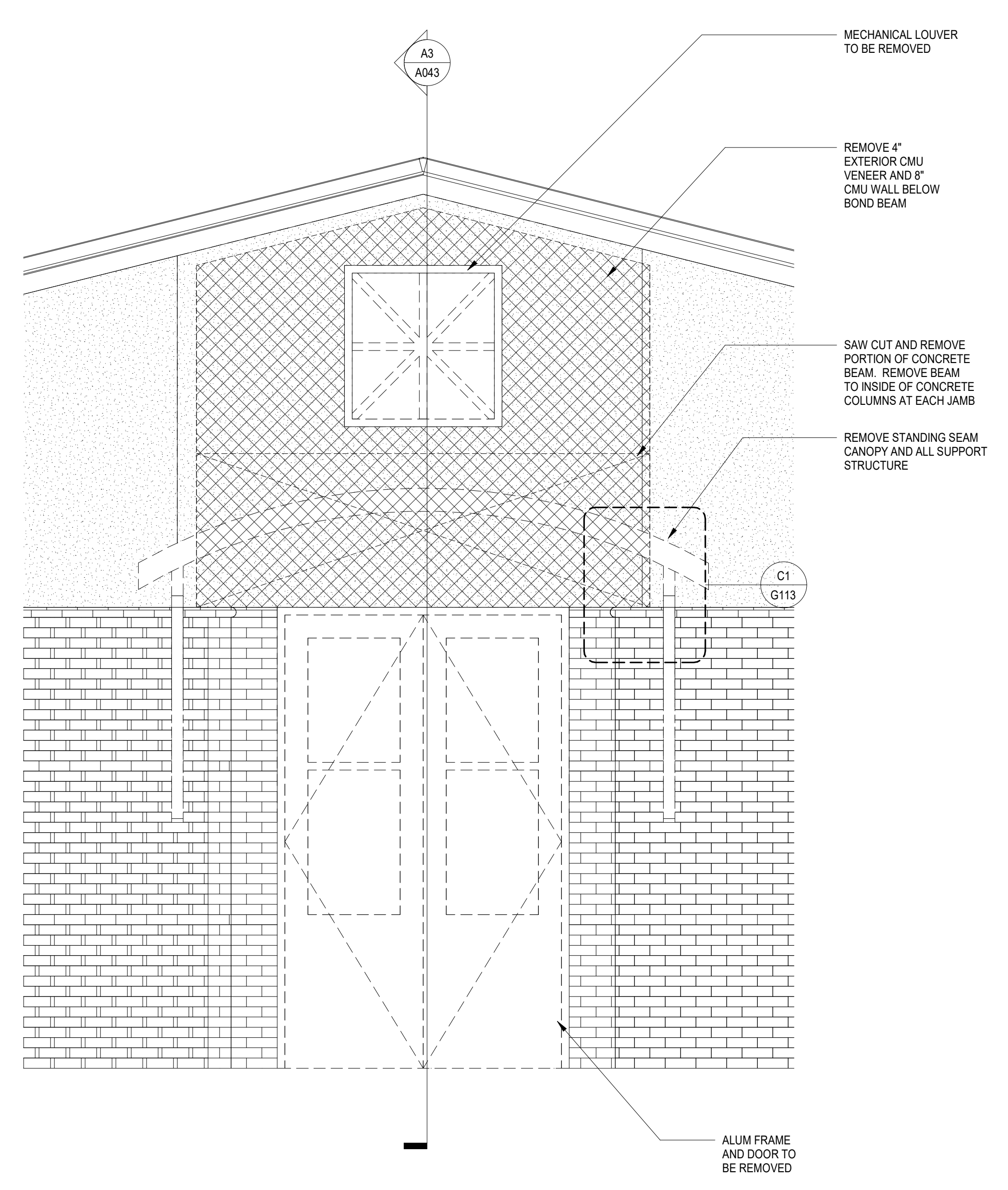
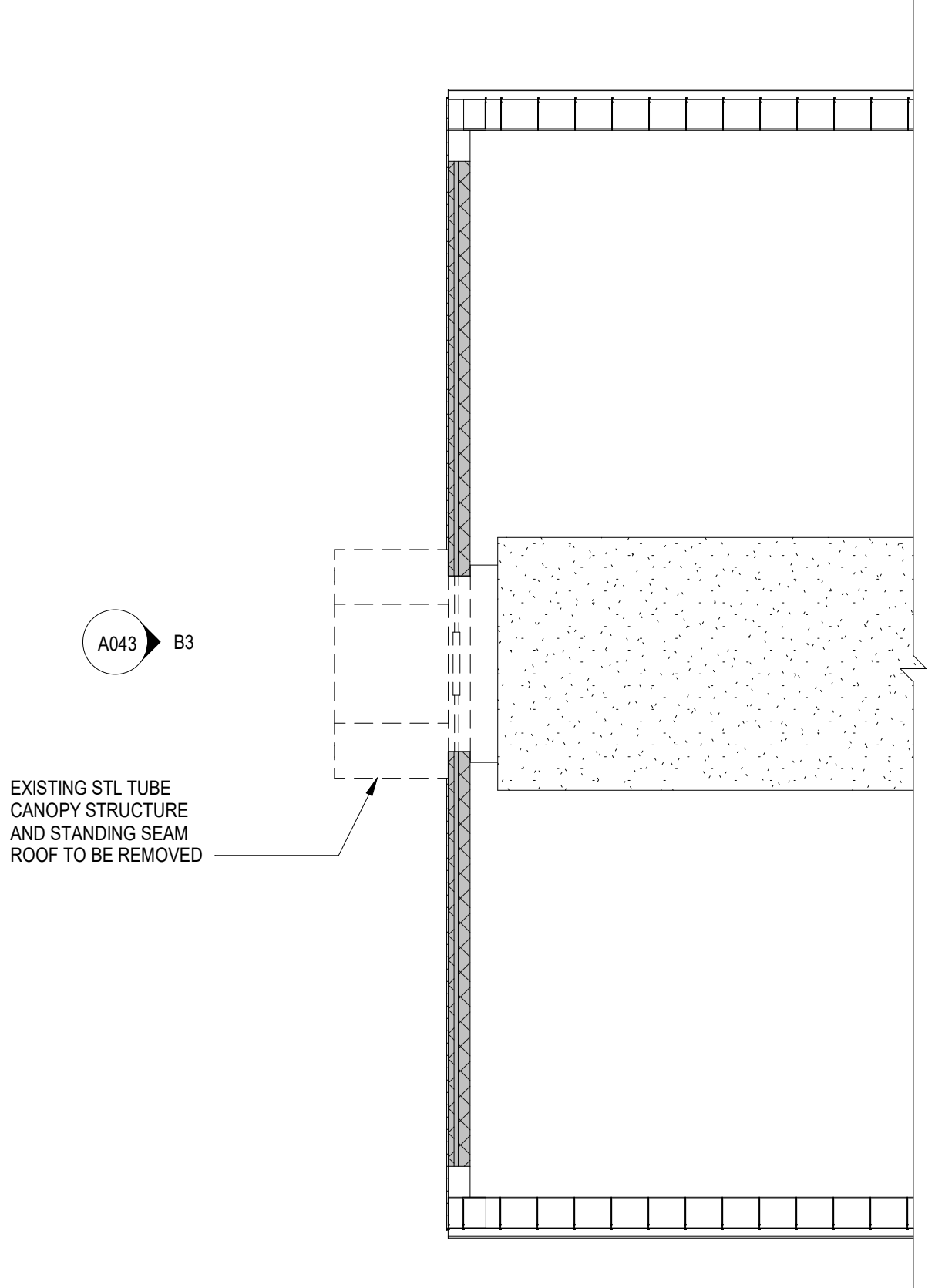
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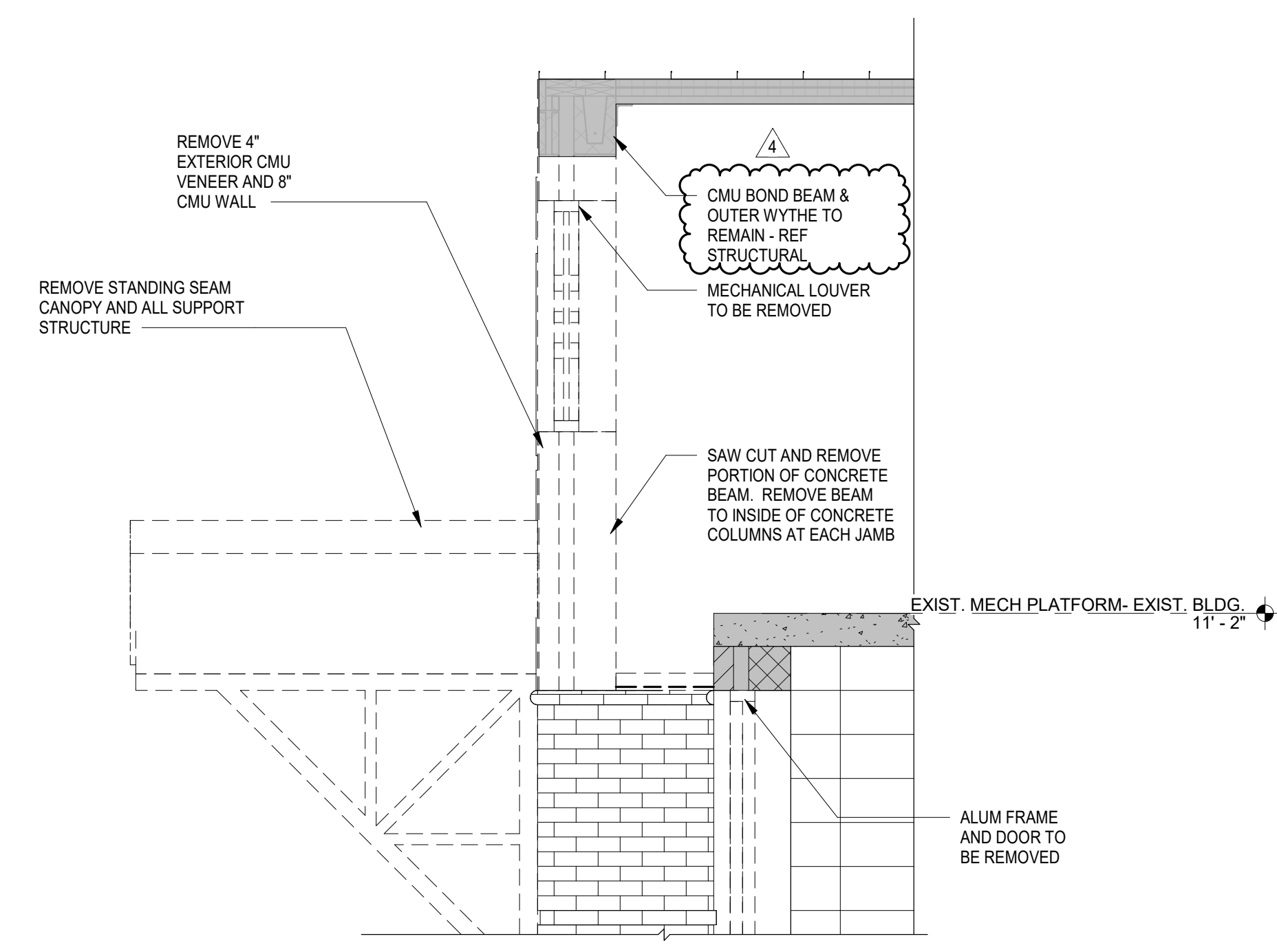
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A1
A043 1/8" = 1'-0"
EXISTING BUILDING DEMOLITION PLAN - MECH. PLATFORM



B3
A043 1/2" = 1'-0"
DEMO ELEVATION

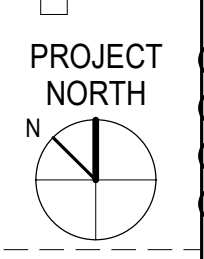
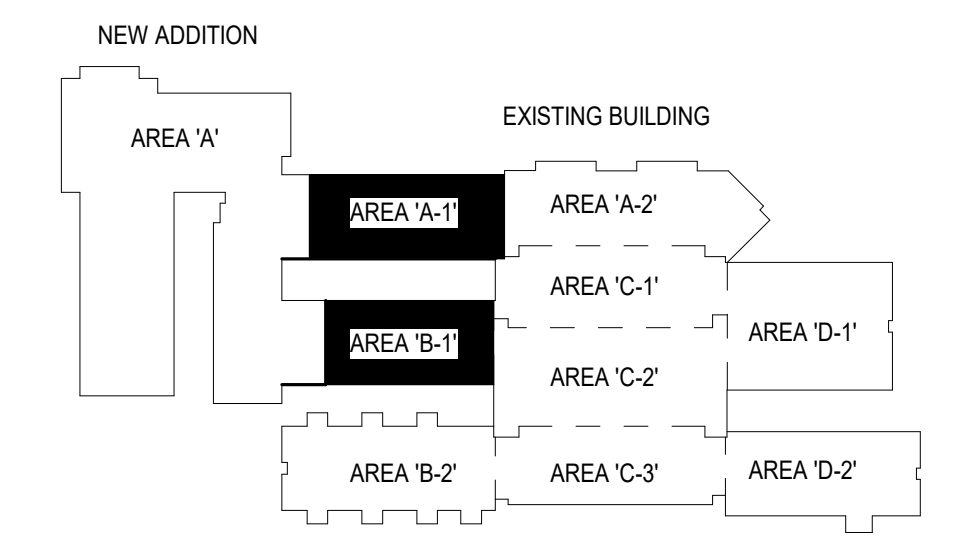


A3
A043 1/2" = 1'-0"
SECTION AT EXISTING CANOPY

GENERAL NOTES - DEMOLITION PLAN

DEMOLITION KEYNOTES

KEY PLAN



CONSULTANT LOGO

SEALS



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
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	DLL

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

SHEET TITLE:
**EXIST. BUILDING
 DEMOLITION PLAN -
 MECH. PLATFORM**

SHEET NO. PROJ. NO.
 020063.00

A043

PLAN LEGEND

- ROOM NAME (00999) ROOM NUMBER, SEE FINISH SCHEDULE ON SHEET ID101
- 122A 1hr FE DOOR NUMBERS, SEE DOOR SCHEDULE ON SHEET A800
- FE BRACKET MOUNTED FIRE EXTINGUISHER B.C.DRY CHEMICAL - MOUNT 4'-0" A.F.F. MAX. TO TOP
- FEC RECESSED FIRE EXTINGUISHER CABINET W/ FIRE EXTINGUISHER 4'-0" TO TOP
- ZZ 24" ZZ SHELVING - 24" DEPTH
- 3HR FIRE RATING
- 1HR FIRE RATING
- WALL WITH SOUND ATTENUATION BATTS

NOTE:

1. ONLY SLOPE FLOOR AROUND AREA DRAINS ON A 2'-0" RADIUS AT 1/8" PER FOOT.



CONSULTANT LOGO

SEALS



SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL

125 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

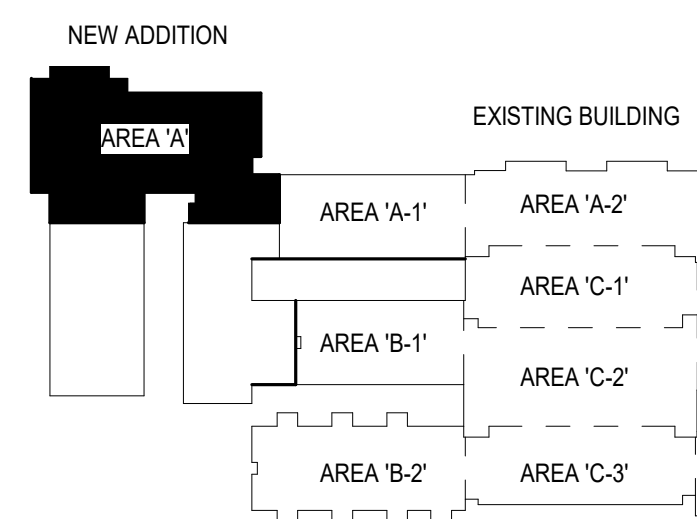
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CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

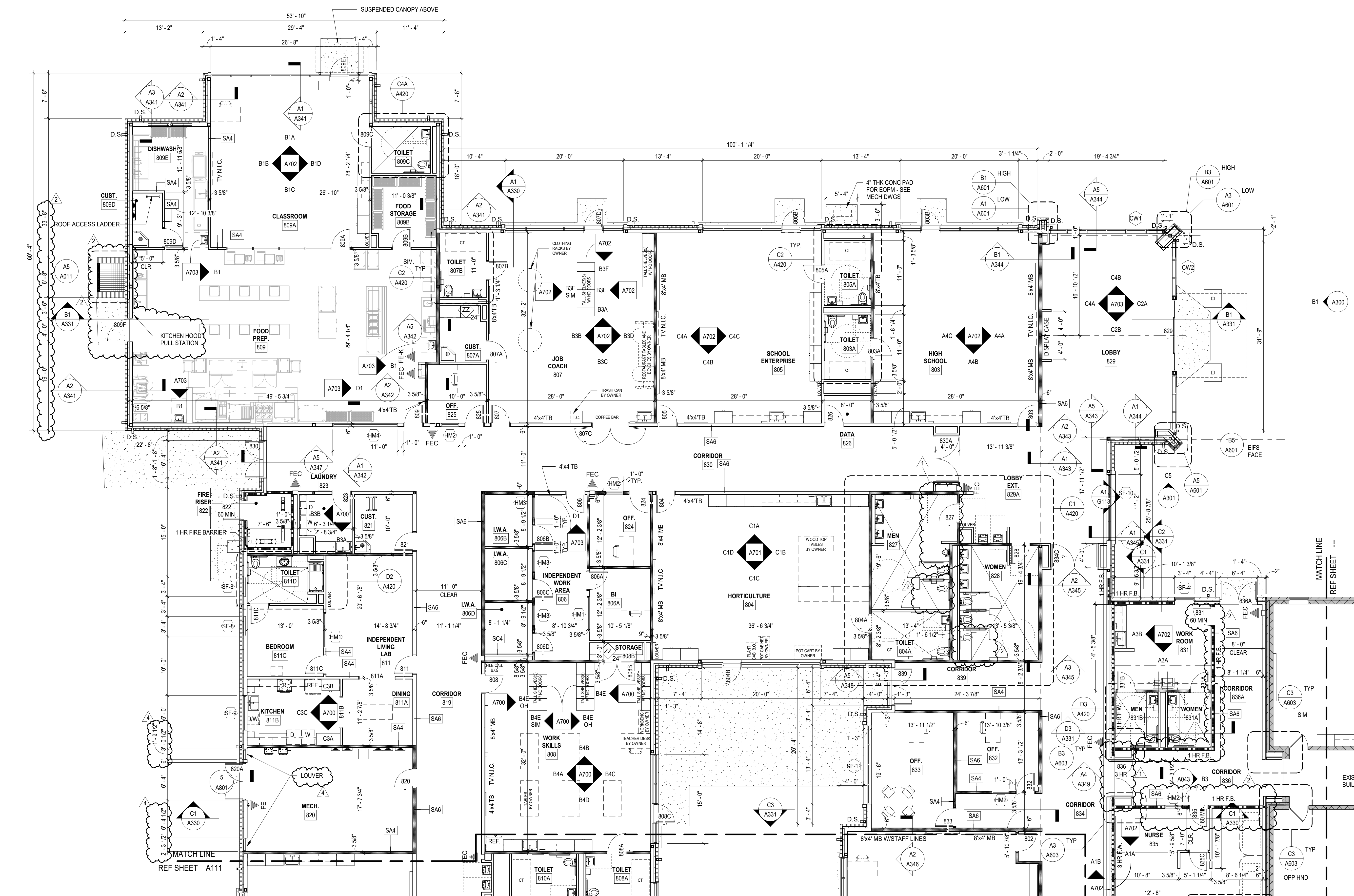
SHEET TITLE:
FLOOR PLAN - AREA 'A'

SHEET NO. PROJ. NO. 020063.00

KEY PLAN



A110



A1 FLOOR PLAN - AREA 'A'
1/8" = 1'-0"

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PLAN LEGEND

- ROOM NAME (00999) ROOM NUMBER, SEE FINISH SCHEDULE ON SHEET ID101
- 122A DOOR NUMBERS, SEE DOOR SCHEDULE ON SHEET A800
- FE BRACKET MOUNTED FIRE EXTINGUISHER B.C DRY CHEMICAL MOUNT 4'-0" A.F.F. MAX. TO TOP
- FEC RECESSED FIRE EXTINGUISHER CABINET W/ FIRE EXTINGUISHER 4'-0" TO TOP
- ZZ ZZ SHELVING - 24" DEPTH
- 3 HR FIRE RATING
- 1 HR FIRE RATING
- WALL WITH SOUND ATTENUATION BATTS

NOTE:
 1. ONLY SLOPE FLOOR AROUND AREA DRAINS ON A 2'-0" RADIUS AT 1/8" PER FOOT.

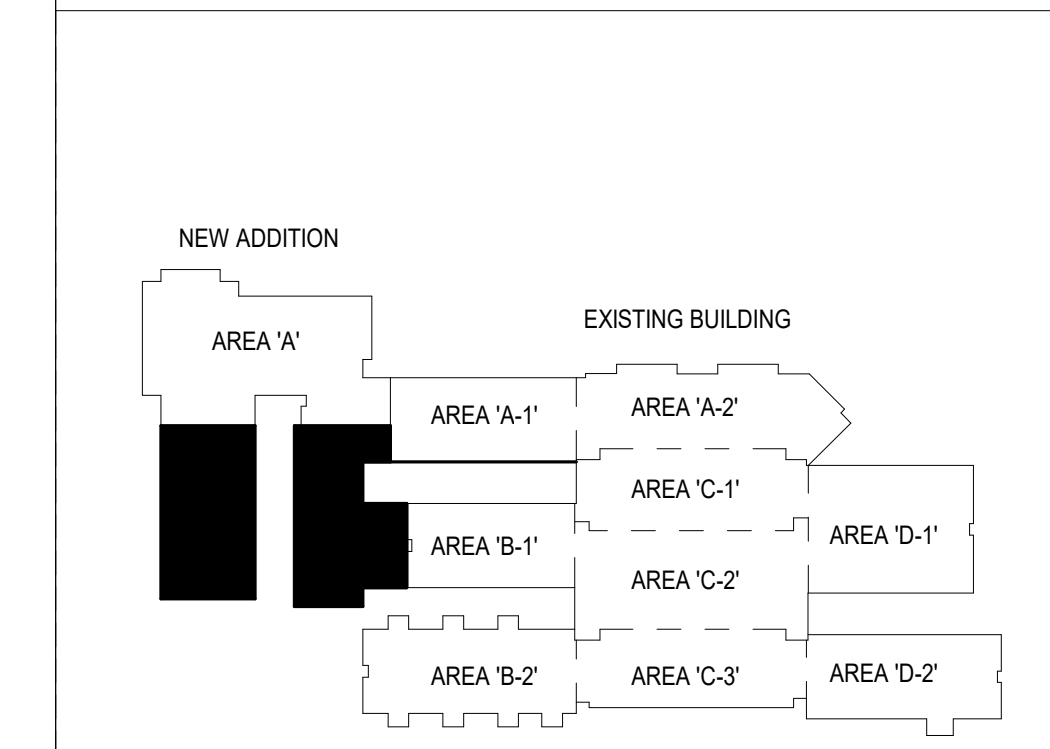


SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
 125 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
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KEY PLAN



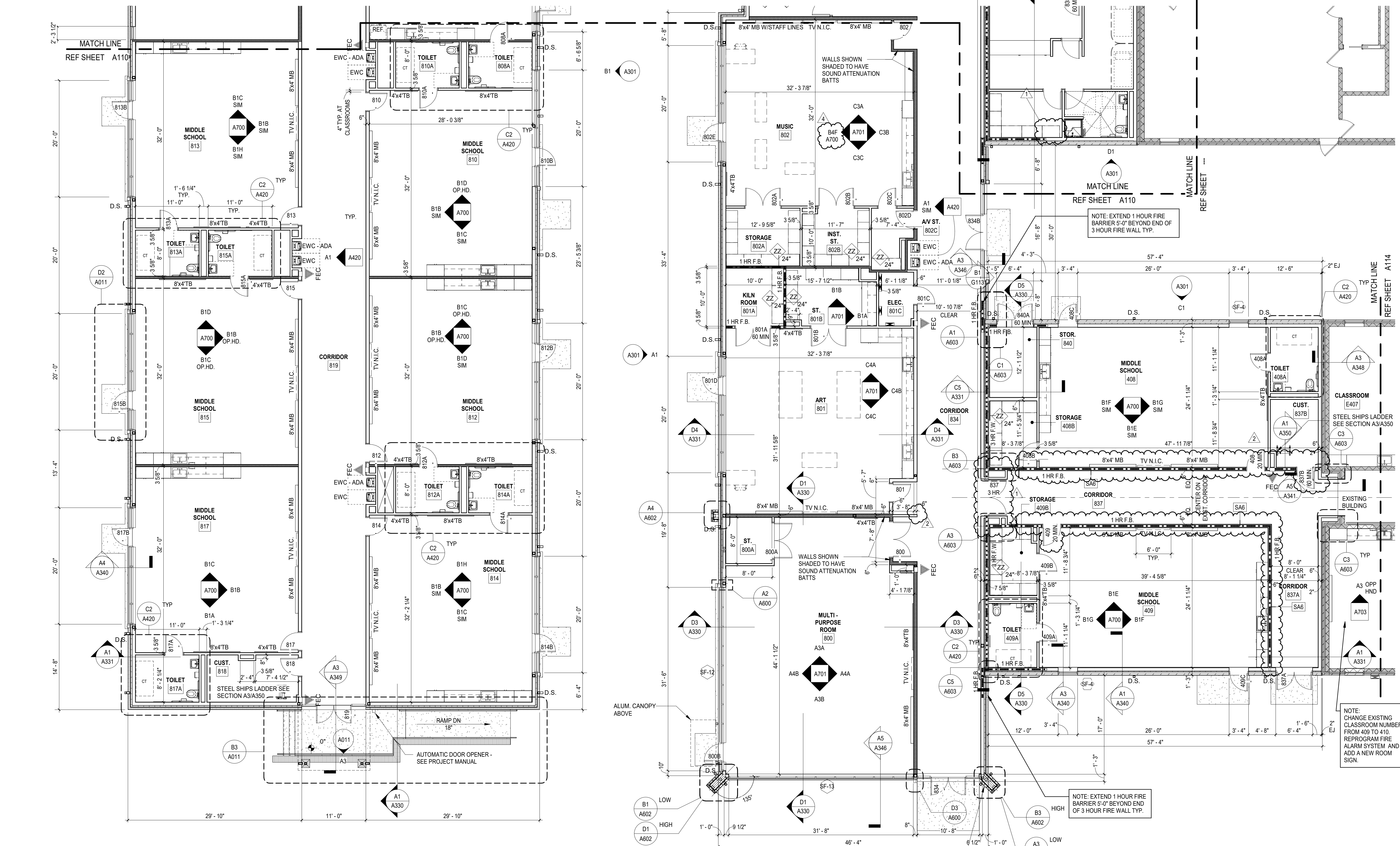
CONSTRUCTION DOCUMENTS 04/19/2021
 PRINCIPAL IN CHARGE: DLL
 PROJECT ARCHITECT: DLL
 DRAWN BY: JMO, JSW, DDC

SHEET TITLE:
FLOOR PLAN - AREA 'A' CONTINUED

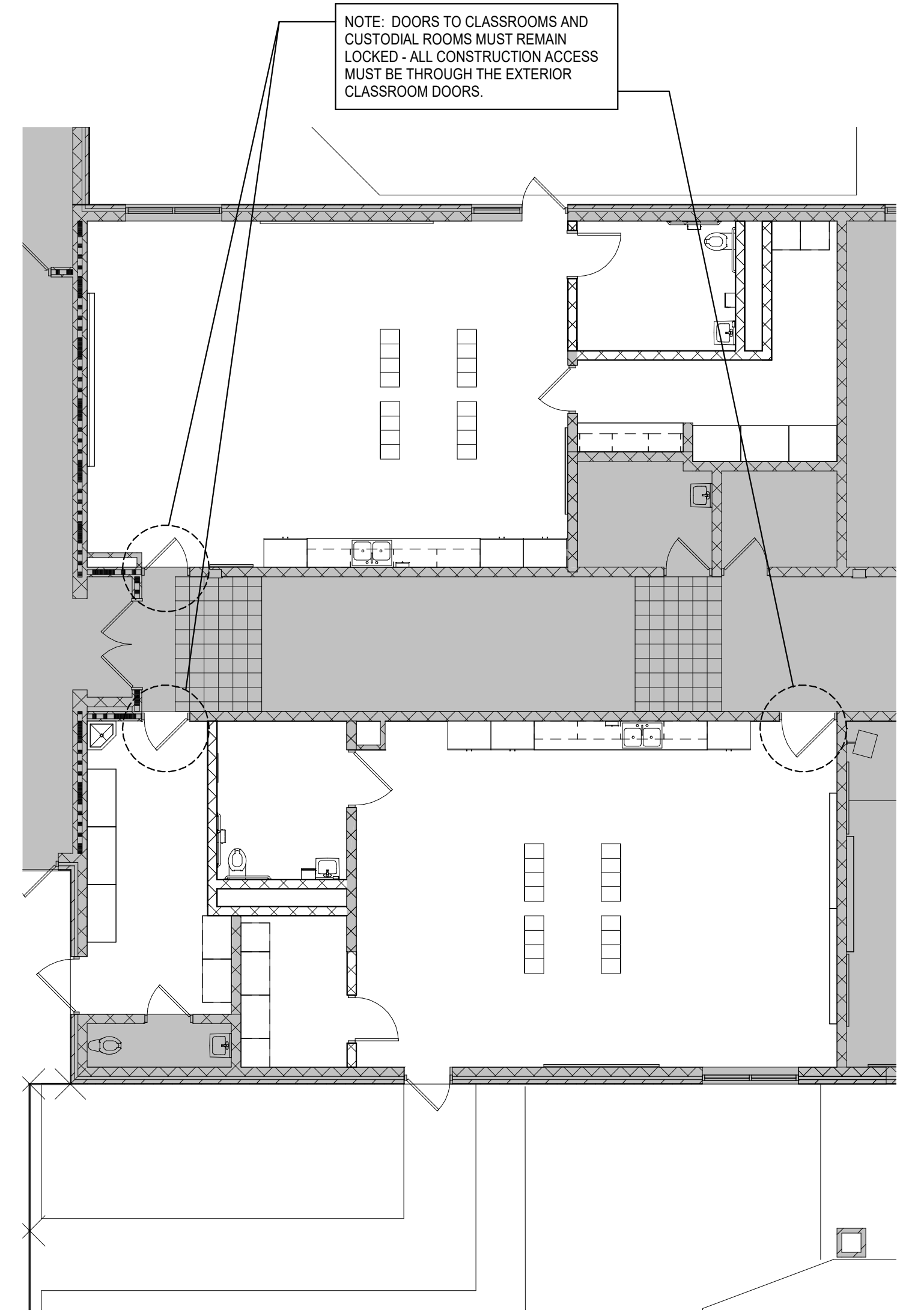
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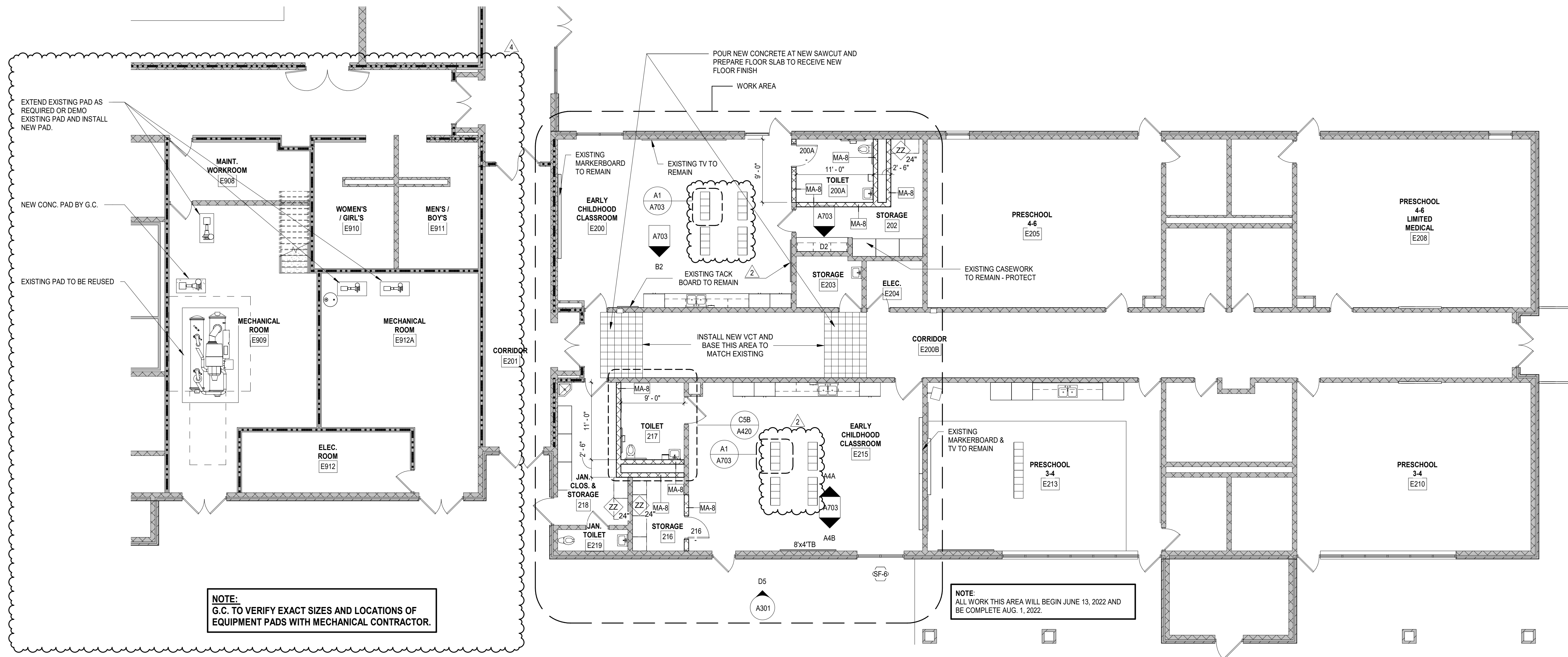
A111



A1 FLOOR PLAN - AREA 'A' - CONTINUED
 1/8" = 1'-0"



C1 TEMPORARY CONSTRUCTION PLAN - AREA D-2
A115 1/8" = 1'-0"



A1 EXISTING BUILDING RENOVATIONS AREA 'D-2'
A115 1/8" = 1'-0"

PLAN LEGEND

- ROOM NAME**
[00999] ROOM NUMBER, SEE FINISH SCHEDULE ON SHEET ID101
- 122A**
1hr FE DOOR NUMBERS, SEE DOOR SCHEDULE ON SHEET A800
- FEC** BRACKET MOUNTED FIRE EXTINGUISHER B.C DRY CHEMICAL - MOUNT 4'-0" A.F.F. MAX. TO TOP
- ZZ** RECESSED FIRE EXTINGUISHER CABINET W/ FIRE EXTINGUISHER 4'-0" TO TOP
- ZZ** ZZ SHELVING - 24" DEPTH
- 3 HR FIRE RATING** 3 HR FIRE RATING
- 1 HR FIRE RATING** 1 HR FIRE RATING
- WALL WITH SOUND ATTENUATION BATTS** WALL WITH SOUND ATTENUATION BATTS

NOTE:
1. ONLY SLOPE FLOOR AROUND AREA DRAINS ON A 2'-0" RADIUS AT 1/8" PER FOOT.

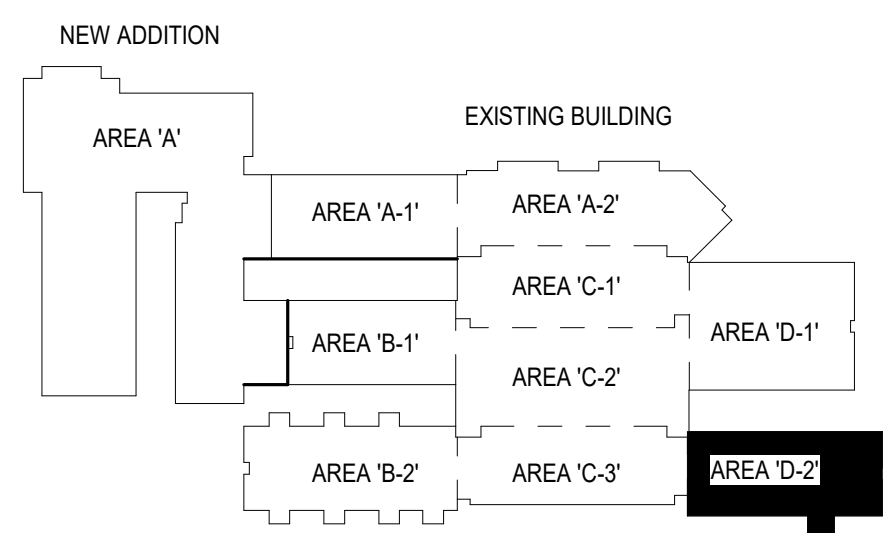


SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO THE MCCARTHY TESZLER SCHOOL
175 BURGETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	DLL

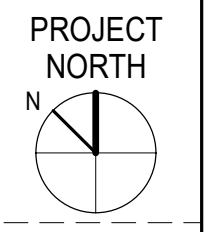
KEY PLAN



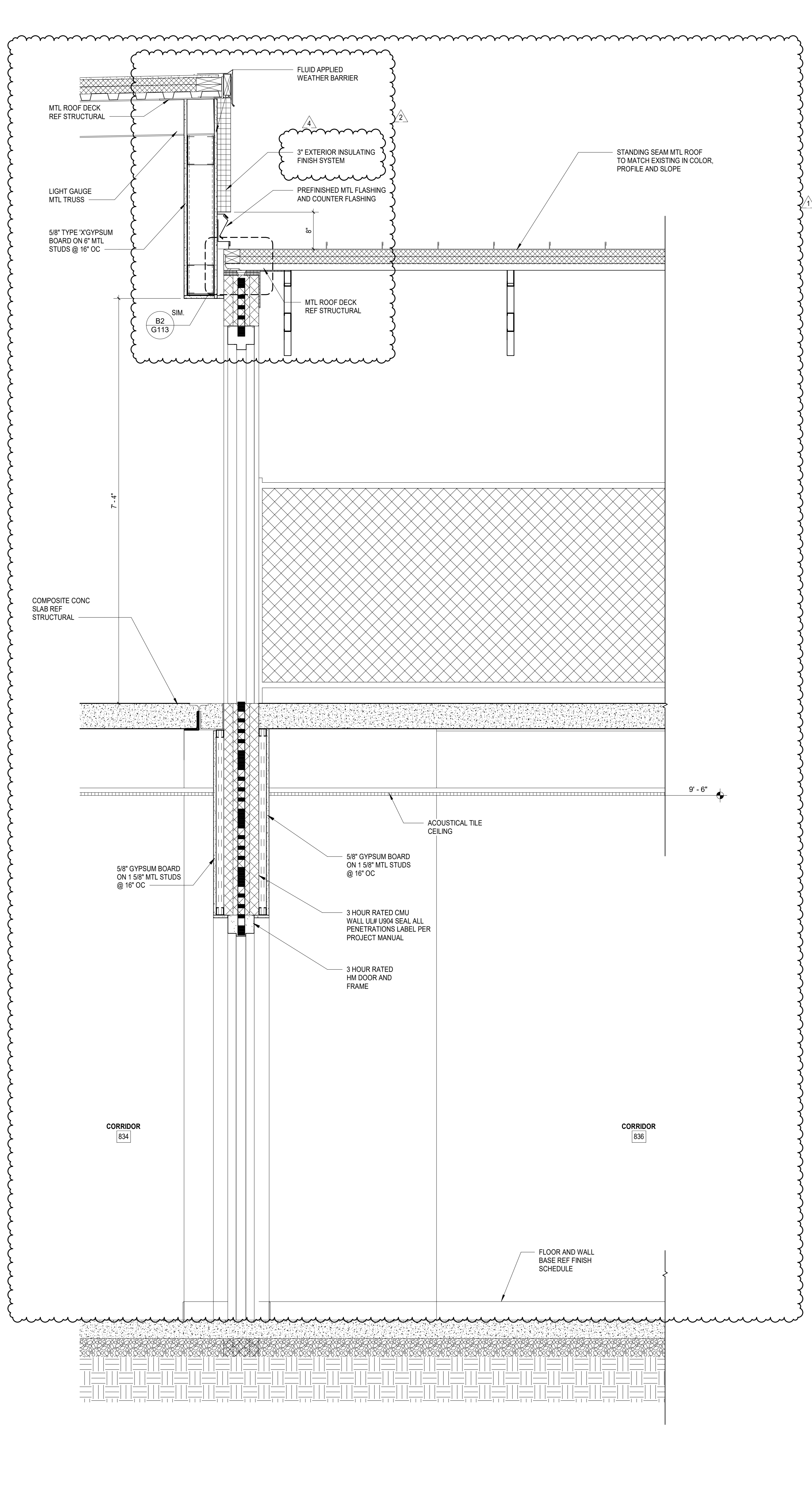
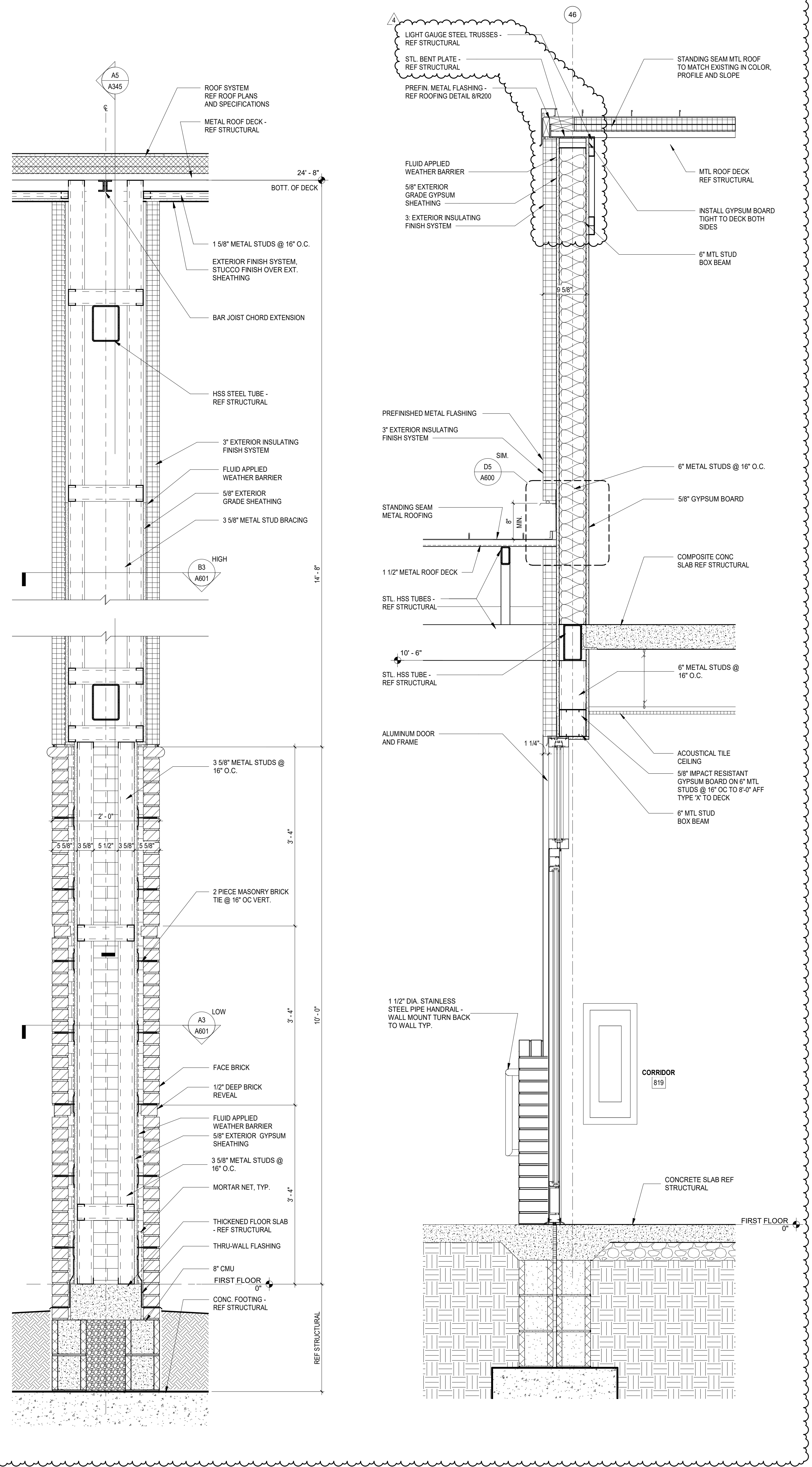
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: DLL
PROJECT ARCHITECT: DLL
DRAWN BY: JMO, JSW, D.C.

SHEET TITLE:
EXIST. BUILDING RENOVATIONS PLAN AND TEMPORARY CONSTRUCTION PLAN AREA 'D-2'
SHEET NO. PROJ. NO. 020063.00

A115



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A1
A349
COLUMN SECTION AT LOBBY
1" = 1'-0" REFERENCE: A3 / A601

A3
A349
WALL SECTION
1" = 1'-0"

A4
A349
WALL SECTION
1" = 1'-0"

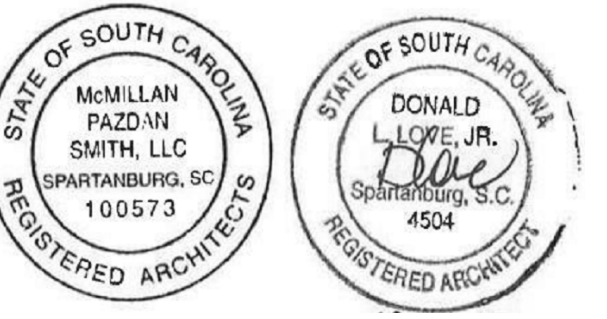
SHEET ISSUE:

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
4	05/17/2021	Addendum No. 4	DLL

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

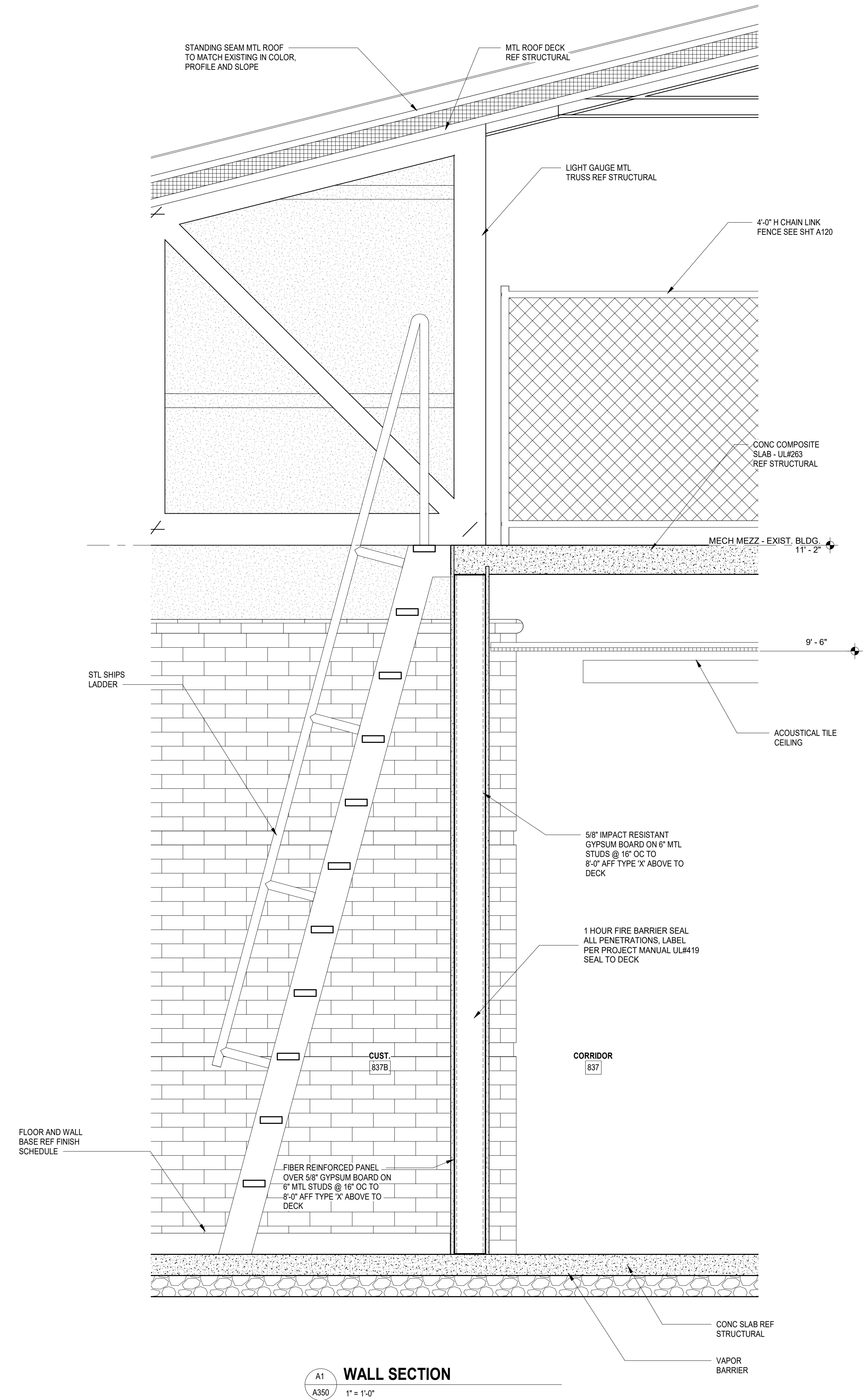
SHEET TITLE:
WALL SECTIONS

SHEET NO. PROJ. NO.
020063.00

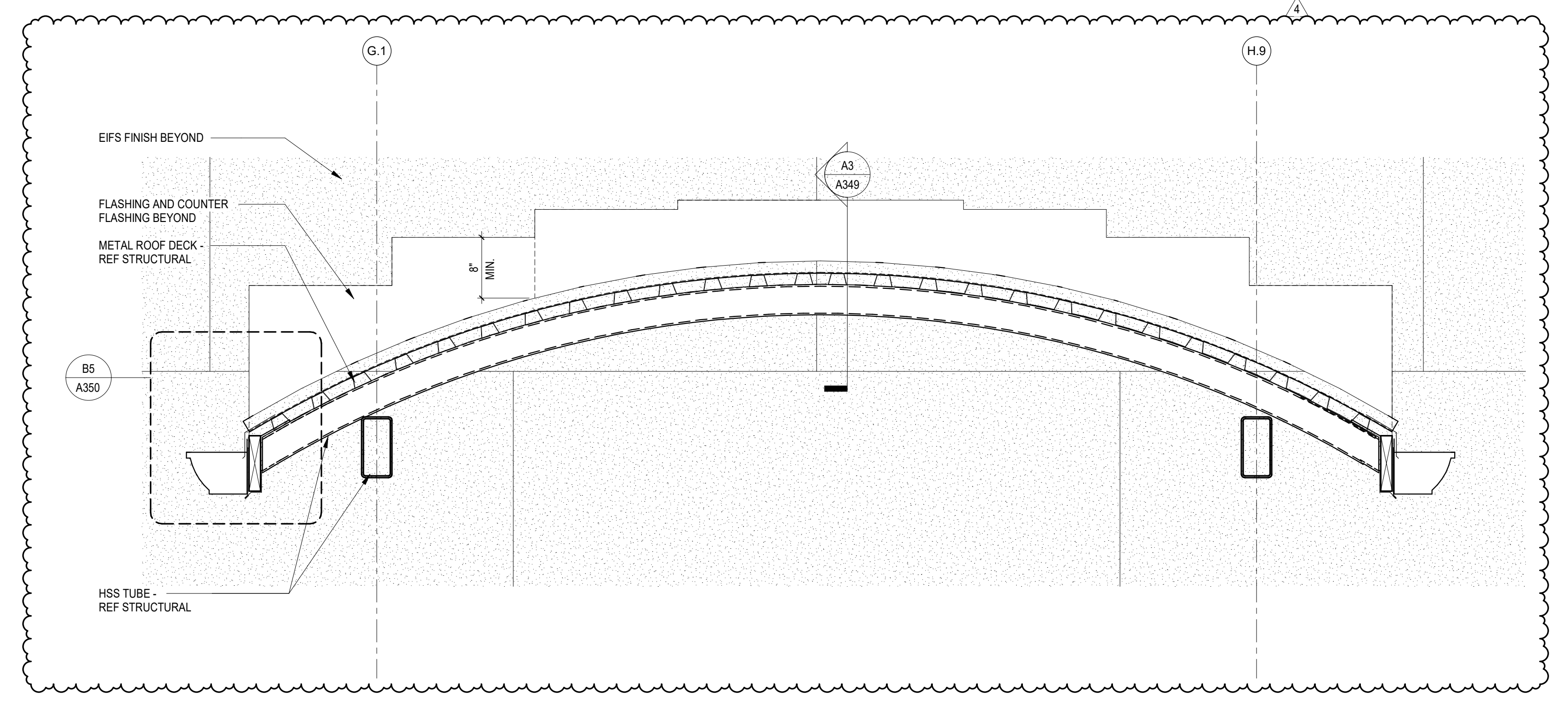


SPARTANBURG SCHOOL DISTRICT 7
ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL
175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

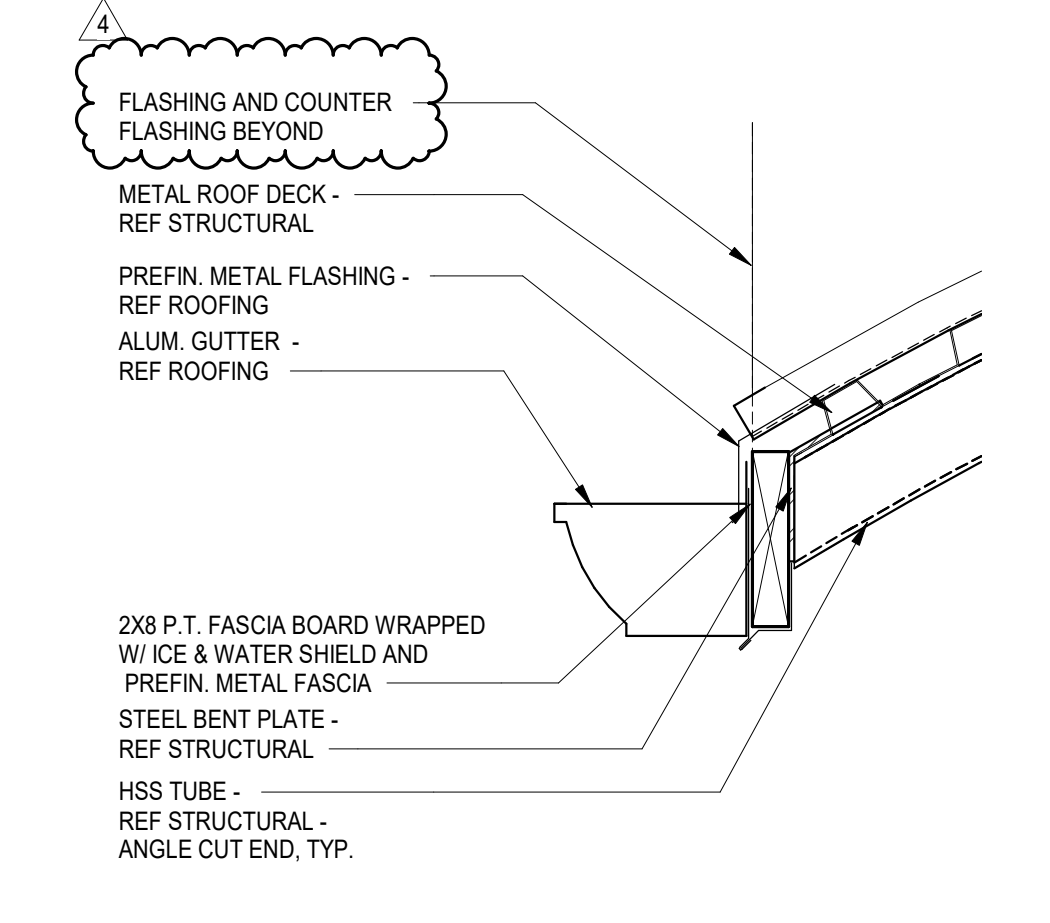
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A1 WALL SECTION
1" = 1'-0"



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



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

NO.	DATE	DESCRIPTION	BY
3	05/14/2021	Addendum No. 3	DLL
4	05/17/2021	Addendum No. 4	DLL

CONSTRUCTION DOCUMENTS	DATE
PRINCIPAL IN CHARGE:	DLL
PROJECT ARCHITECT:	DLL
DRAWN BY:	JMO, JSW, DLC

SHEET TITLE:
WALL SECTIONS

SHEET NO.	PROJ. NO.
A350	020063.00

A350

SHEET ISSUE:

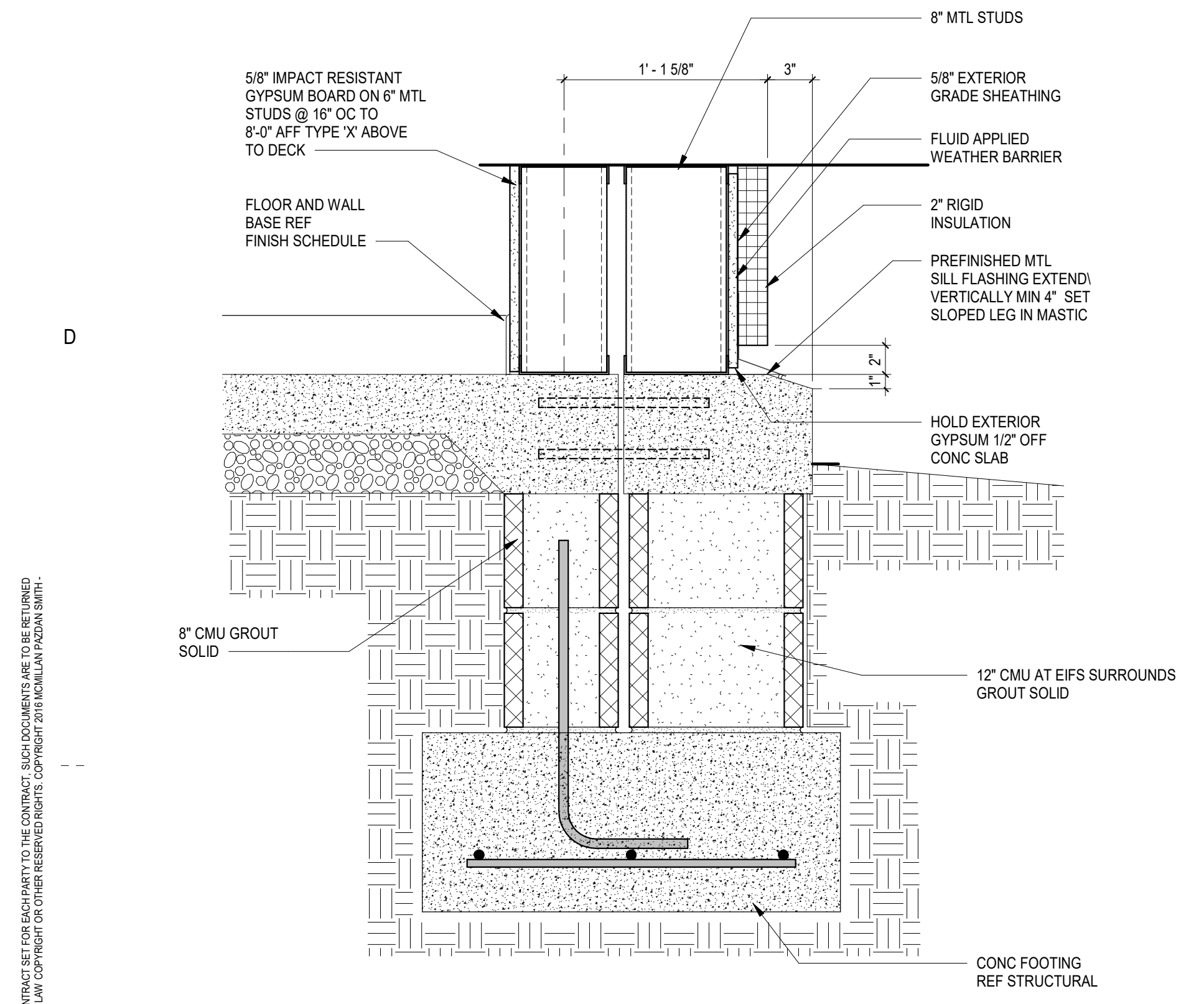
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	DLL

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

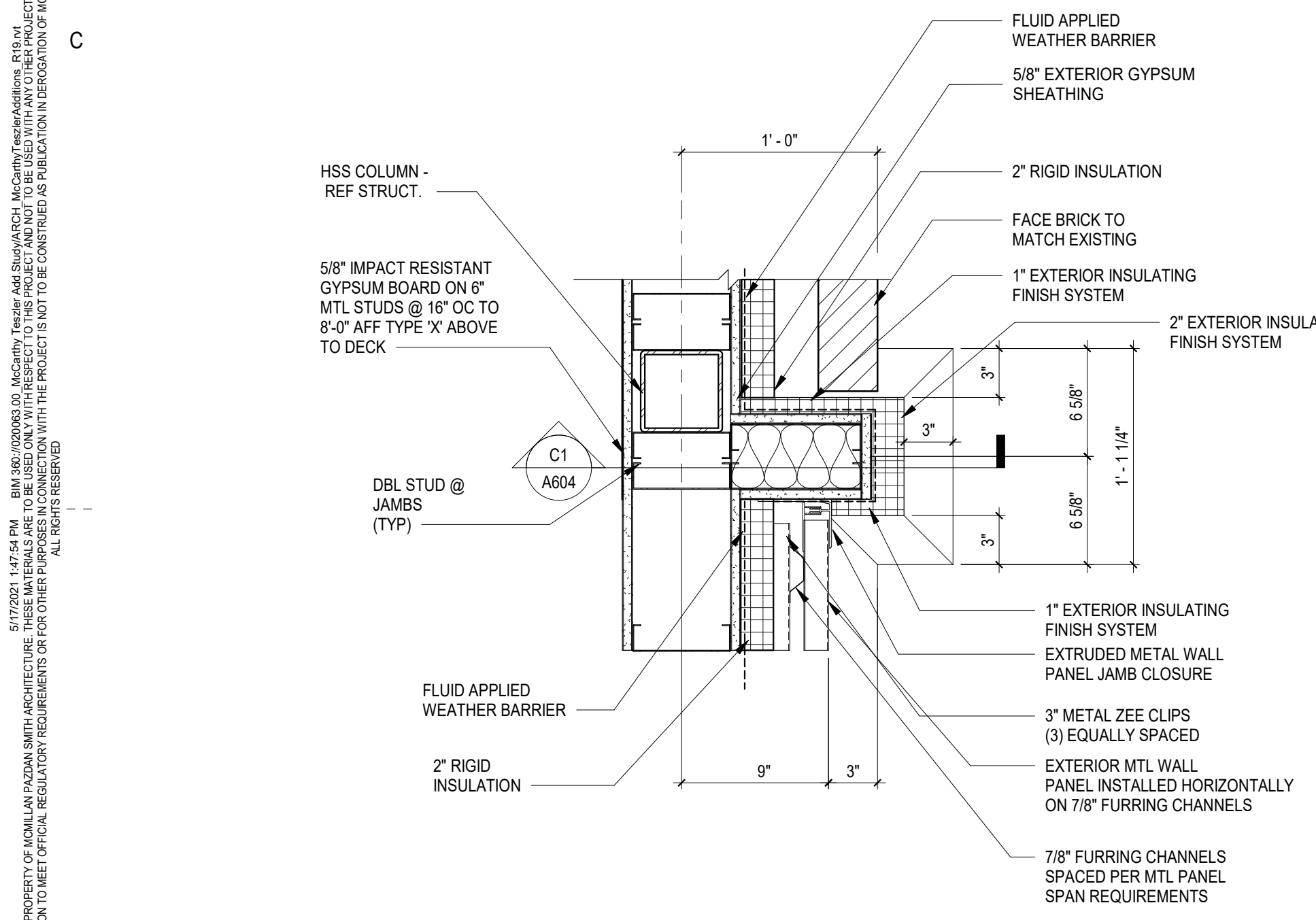
SHEET TITLE:
ENLARGED DETAILS

SHEET NO. PROJ. NO.
 020063.00

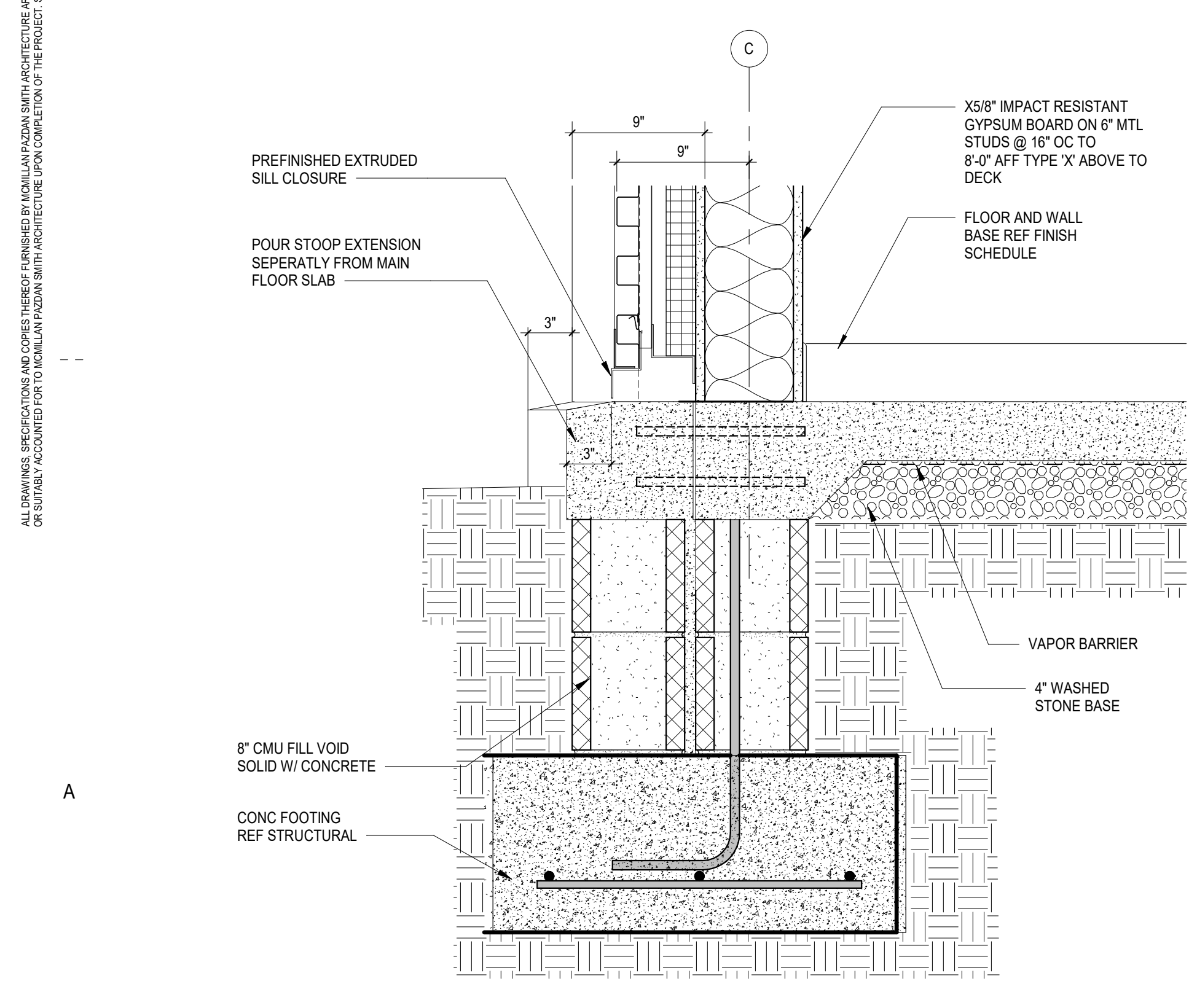
A604



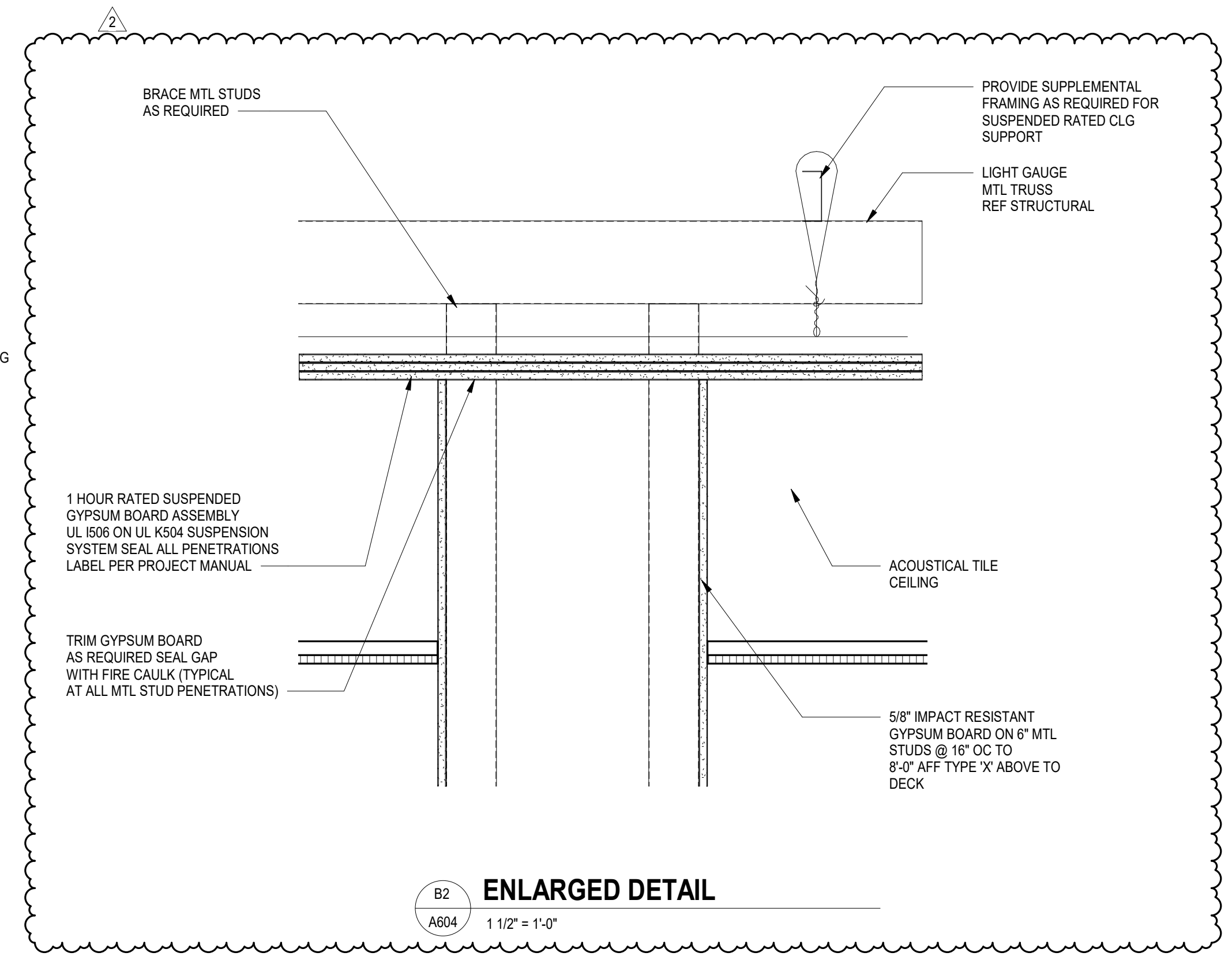
C1 ENLARGED DETAIL
 1 1/2" = 1'-0"



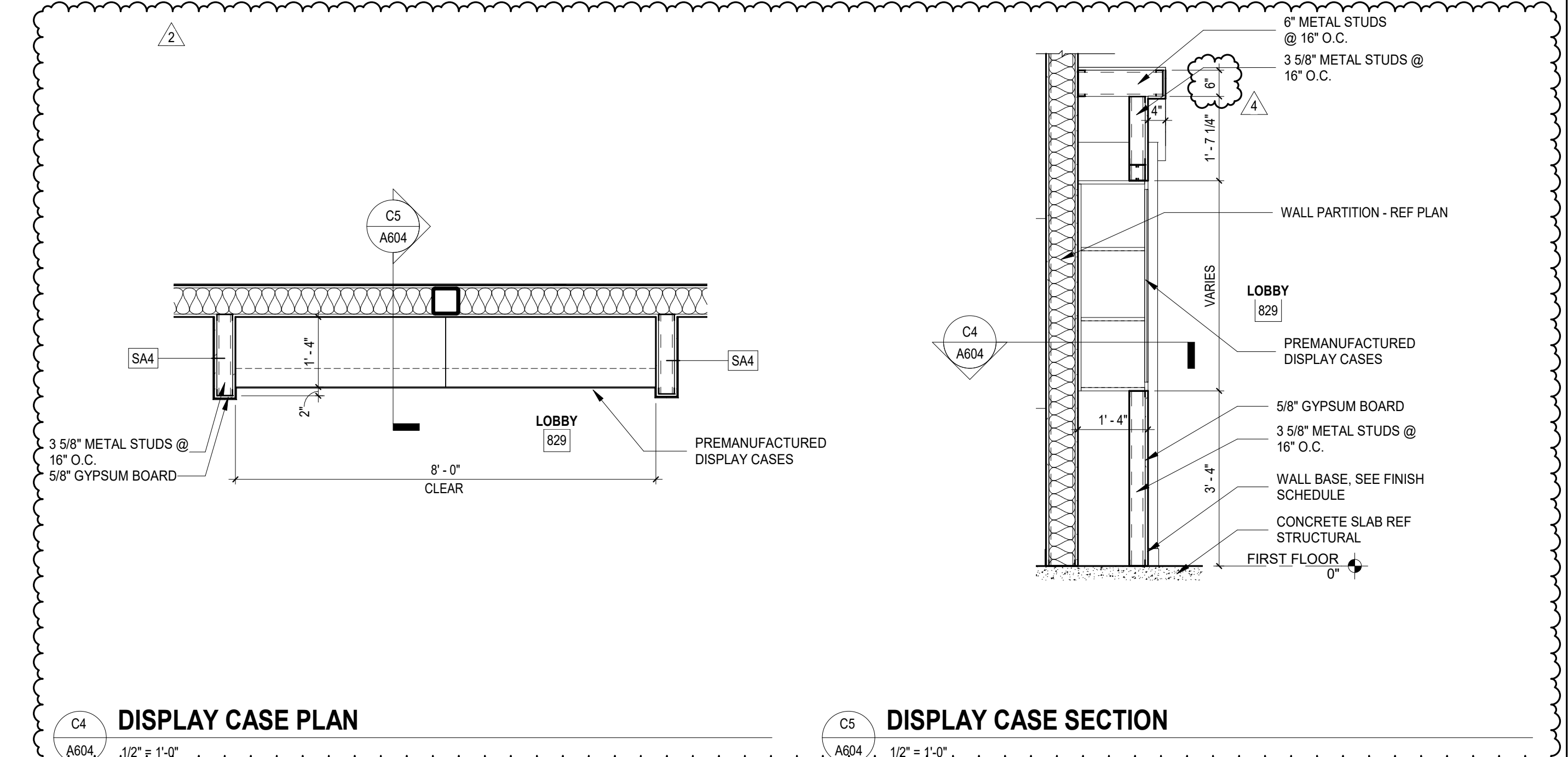
B1 ENLARGED DETAIL
 1 1/2" = 1'-0"



A1 ENLARGED DETAIL
 1 1/2" = 1'-0"

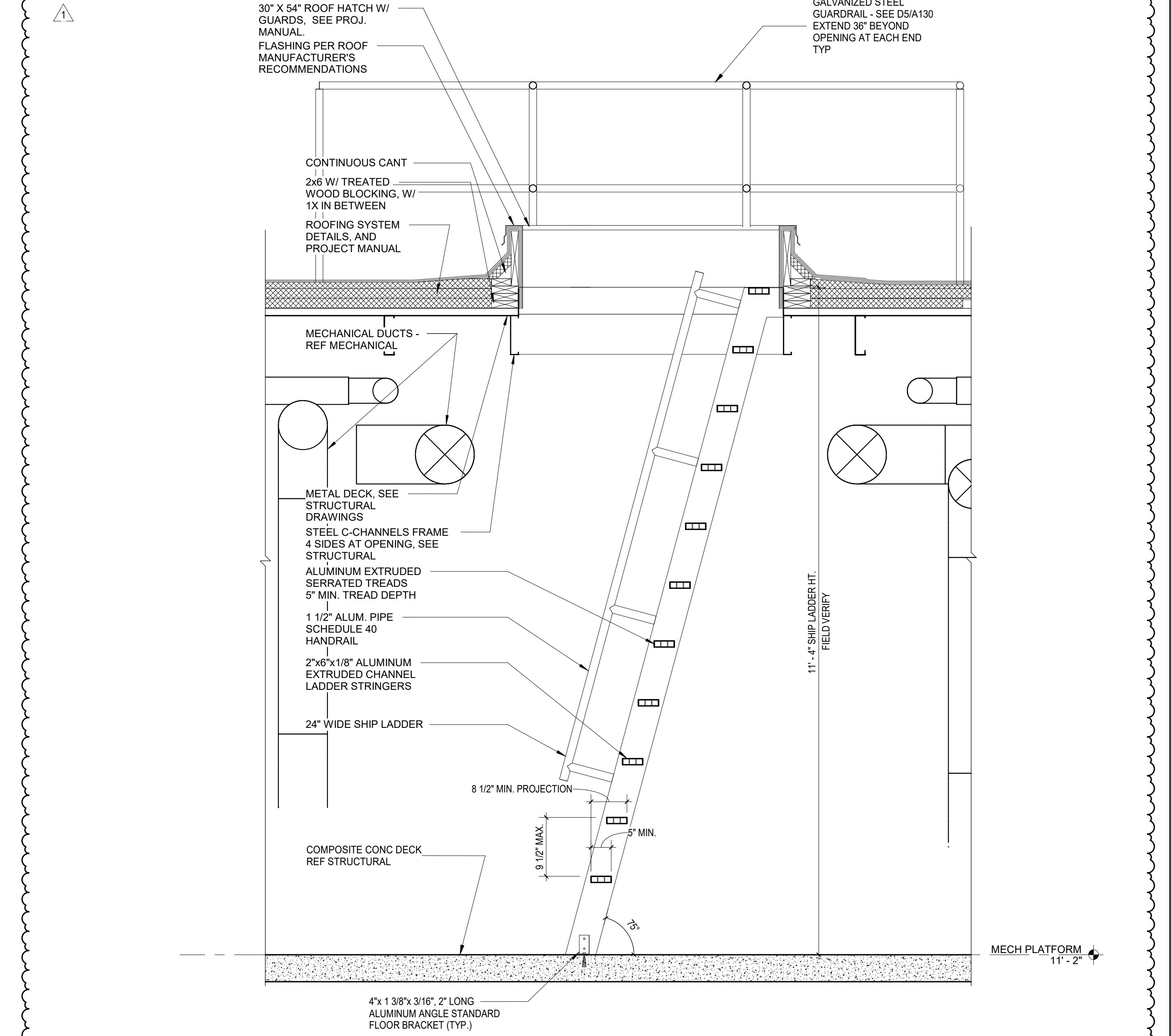


B2 ENLARGED DETAIL
 1 1/2" = 1'-0"



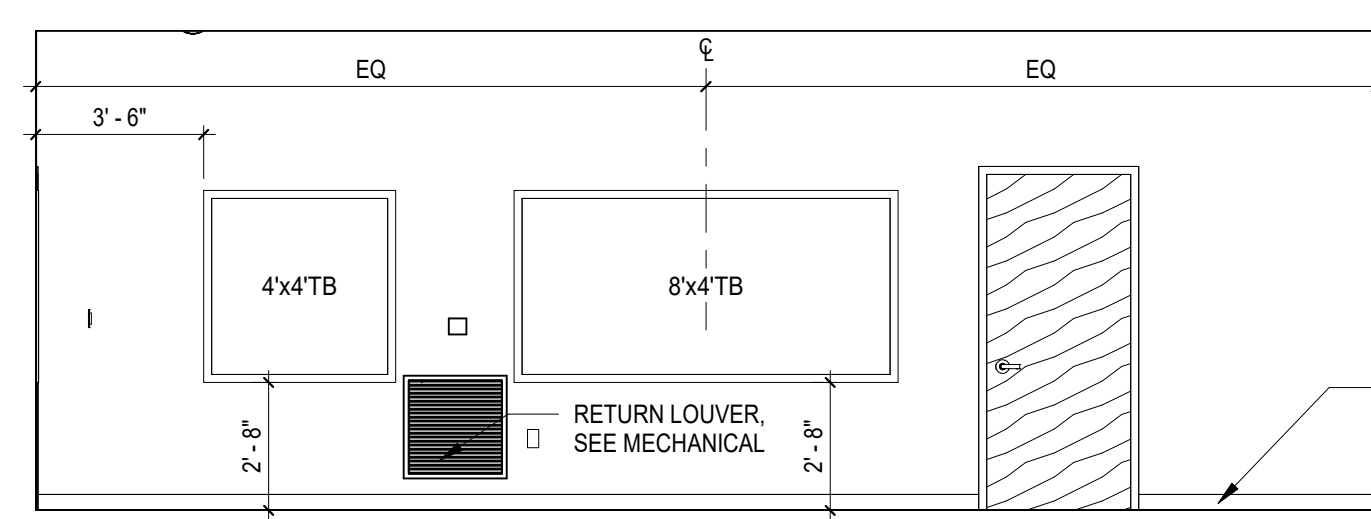
DISPLAY CASE PLAN
 1 1/2" = 1'-0"

DISPLAY CASE SECTION
 1 1/2" = 1'-0"

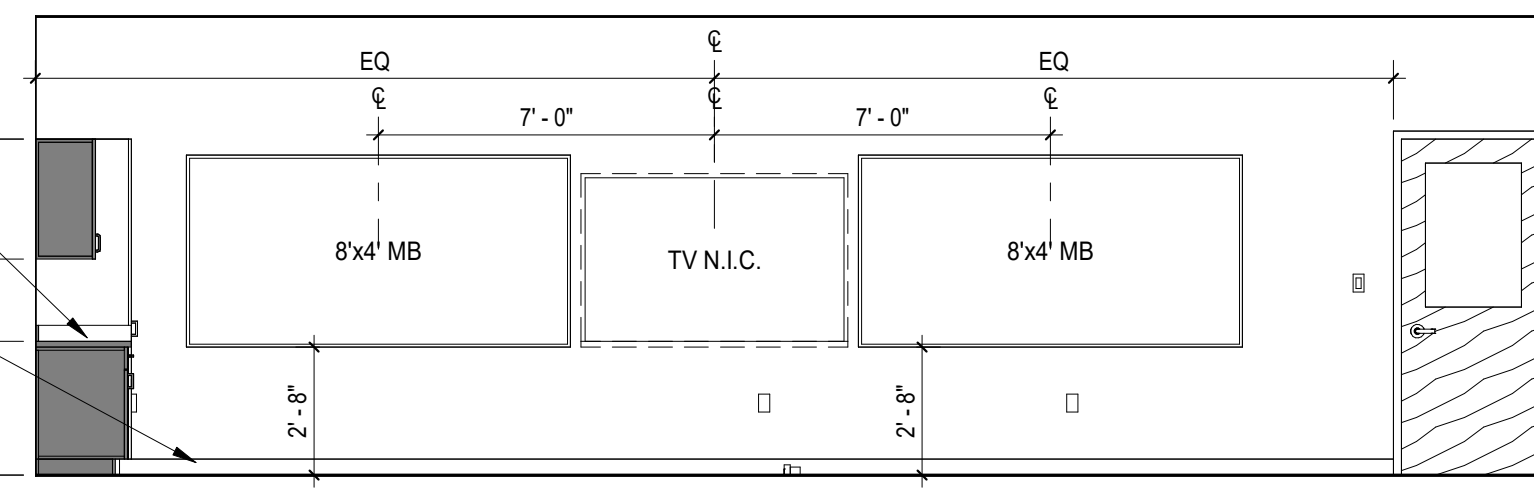


SHIP LADDER DETAIL
 3/4" = 1'-0" REFERENCE: A1/A120

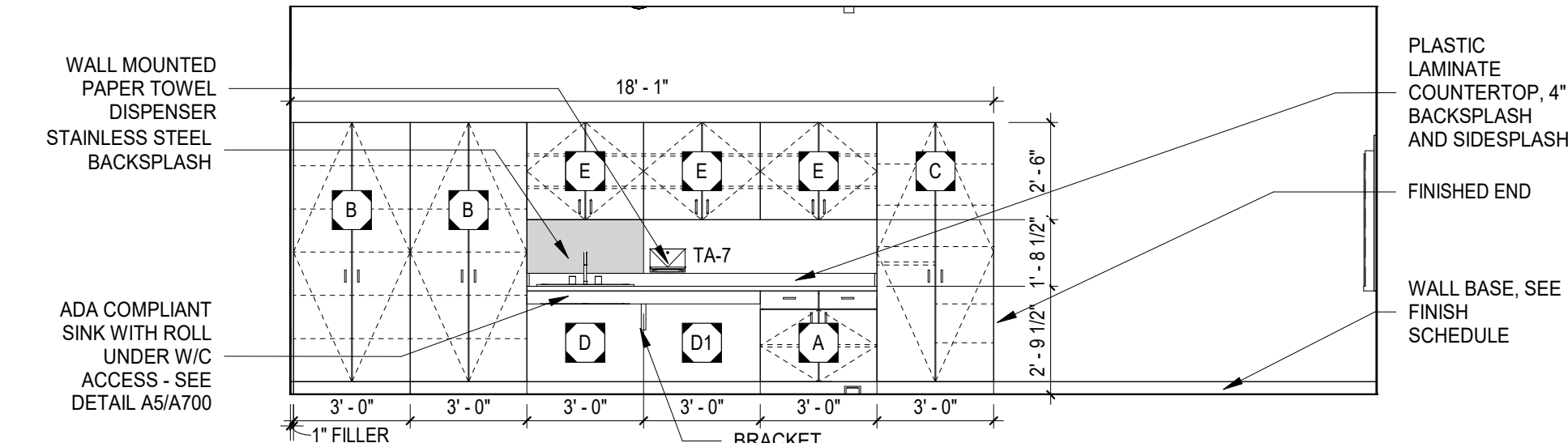
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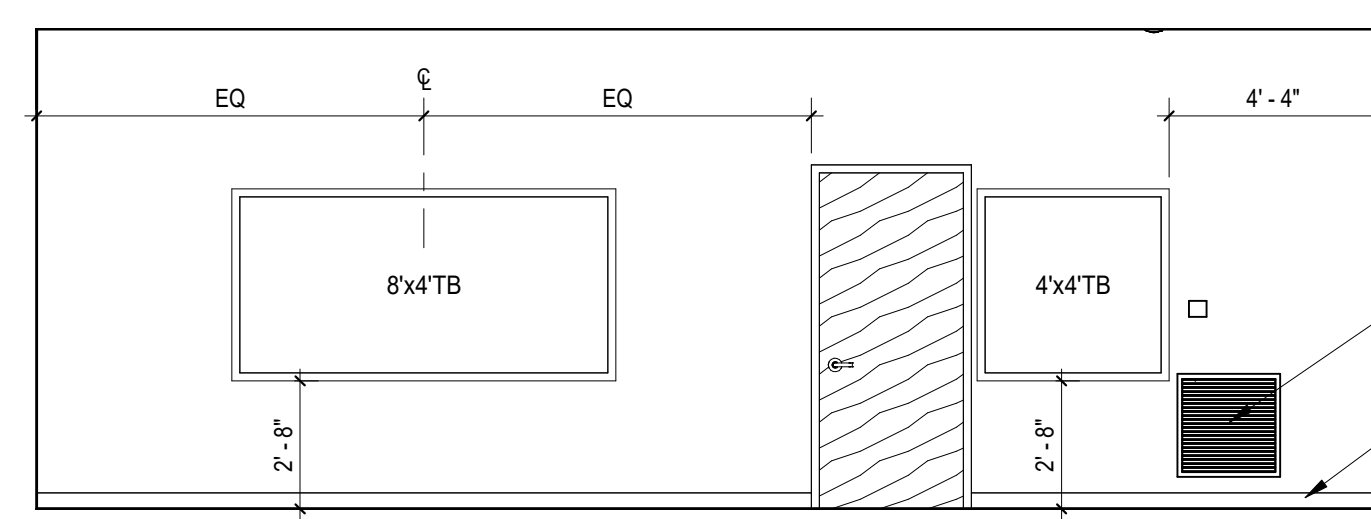
B1A MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



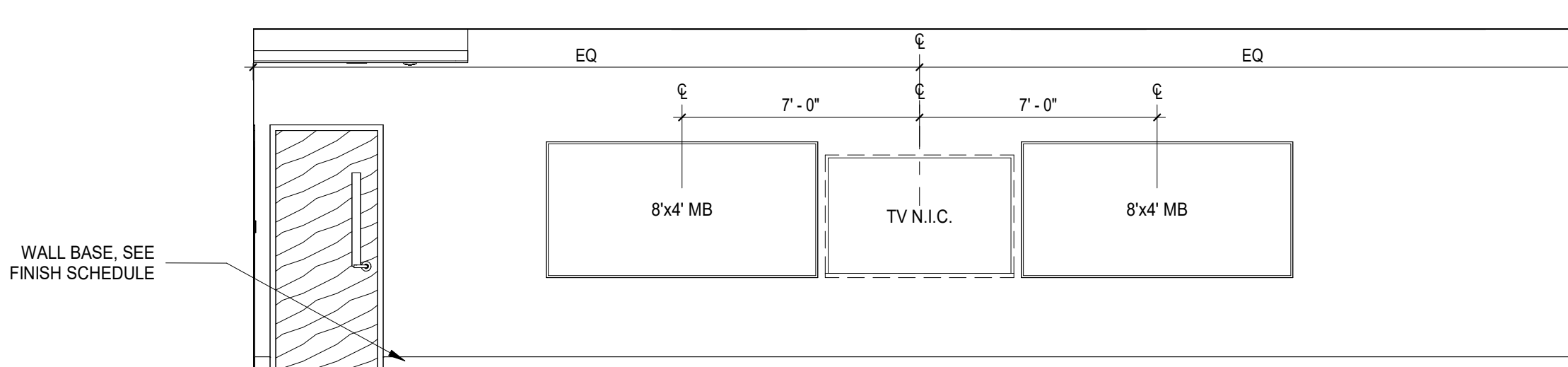
B1B MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



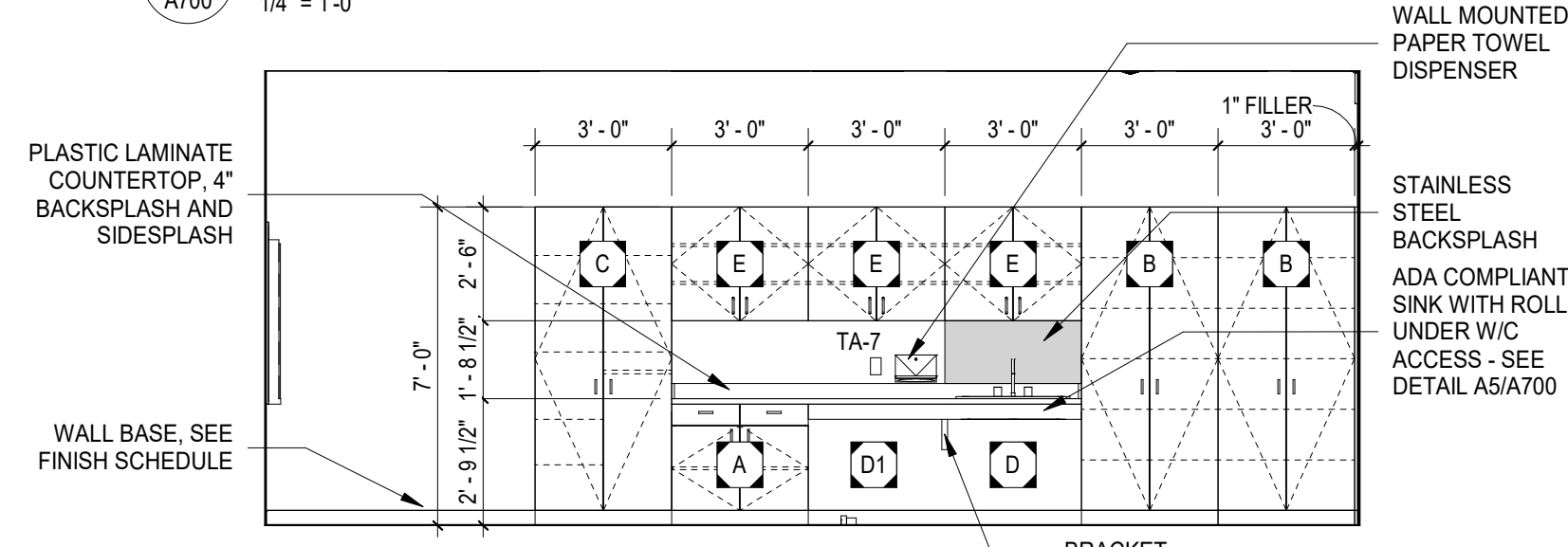
B1C MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



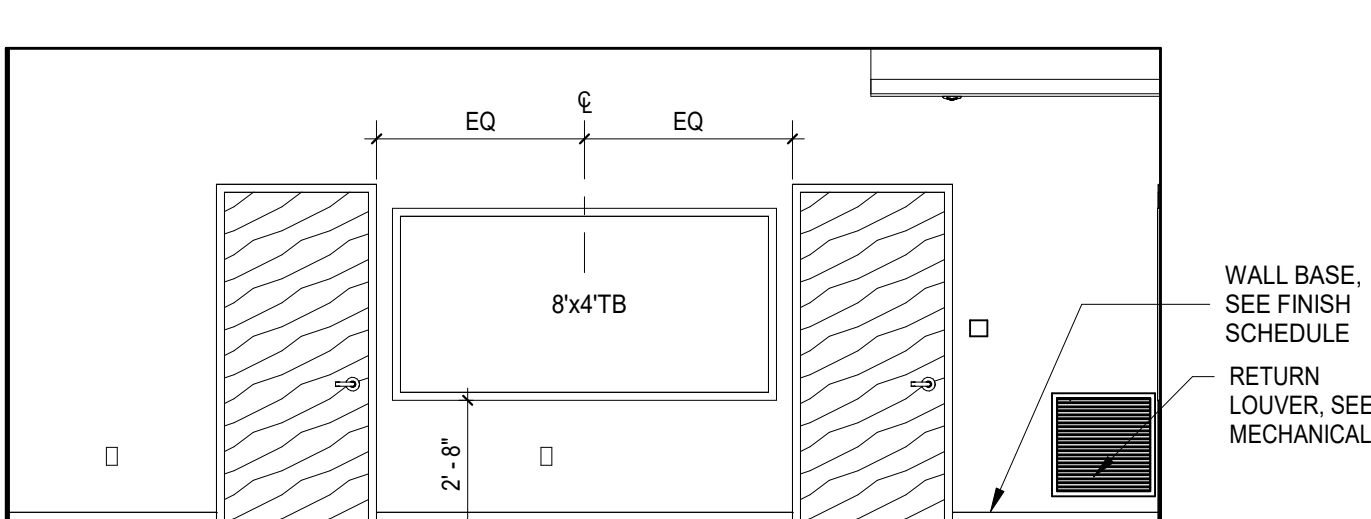
B1D MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



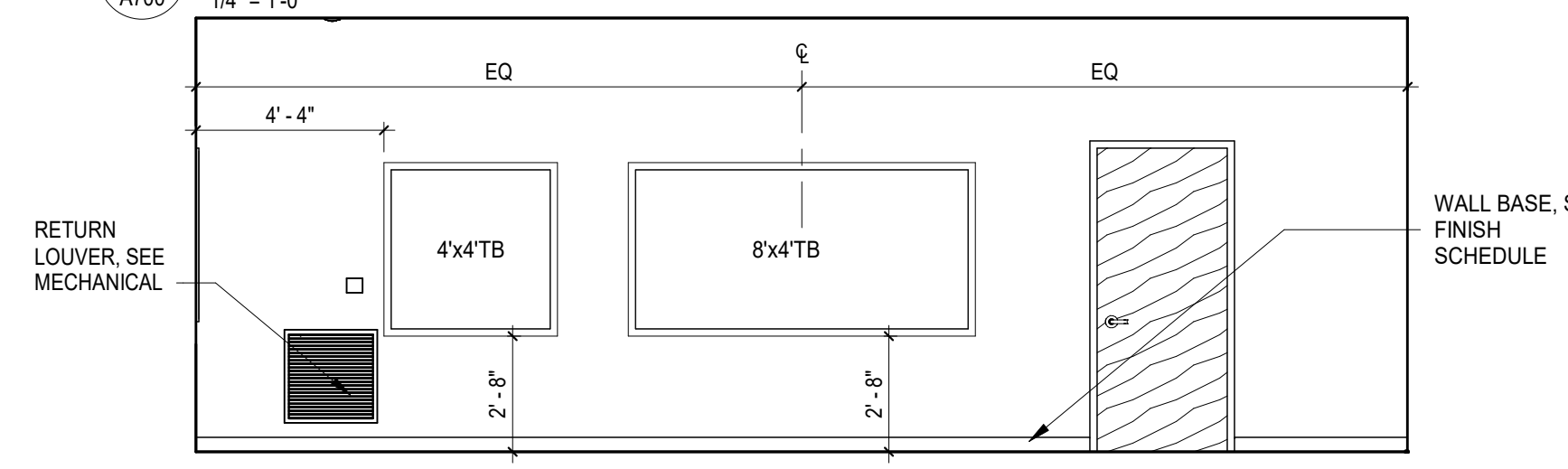
B1E MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



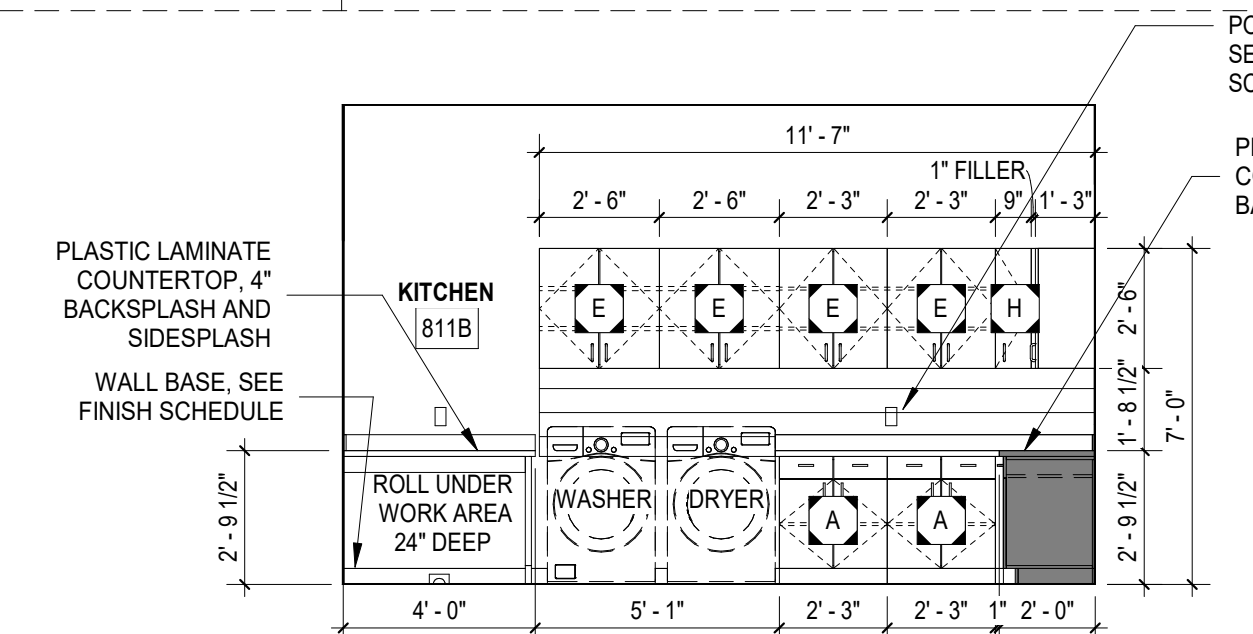
B1F MIDDLE SCHOOL - INTERIOR ELEVATION
1/4" = 1'-0"



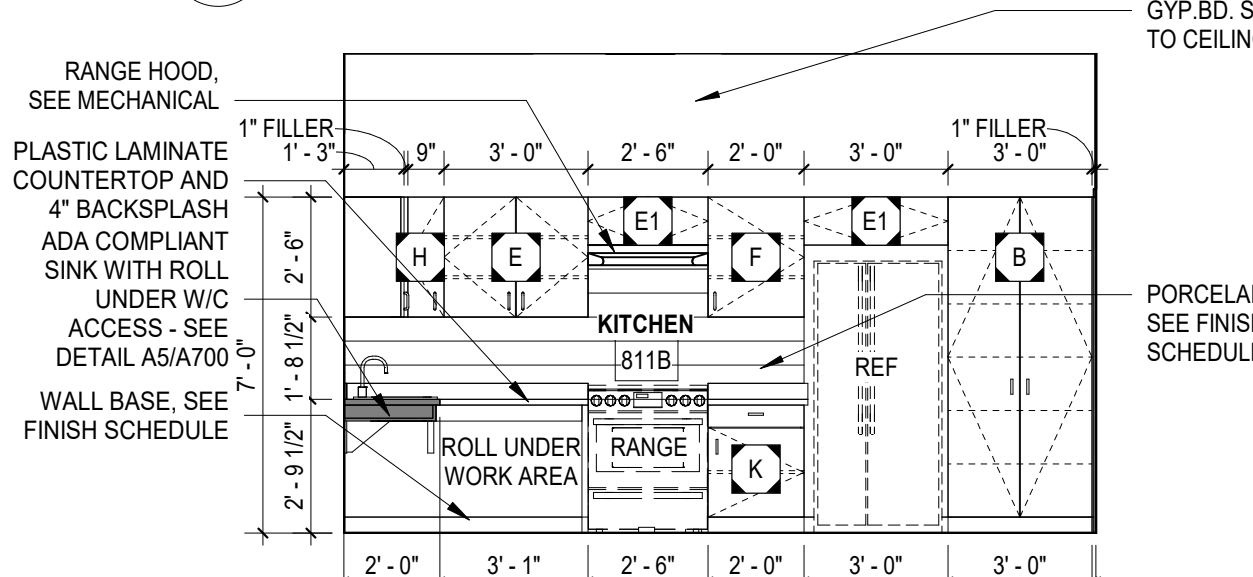
B1G MIDDLE SCHOOL - INTERIOR ELEVATION G
1/4" = 1'-0"



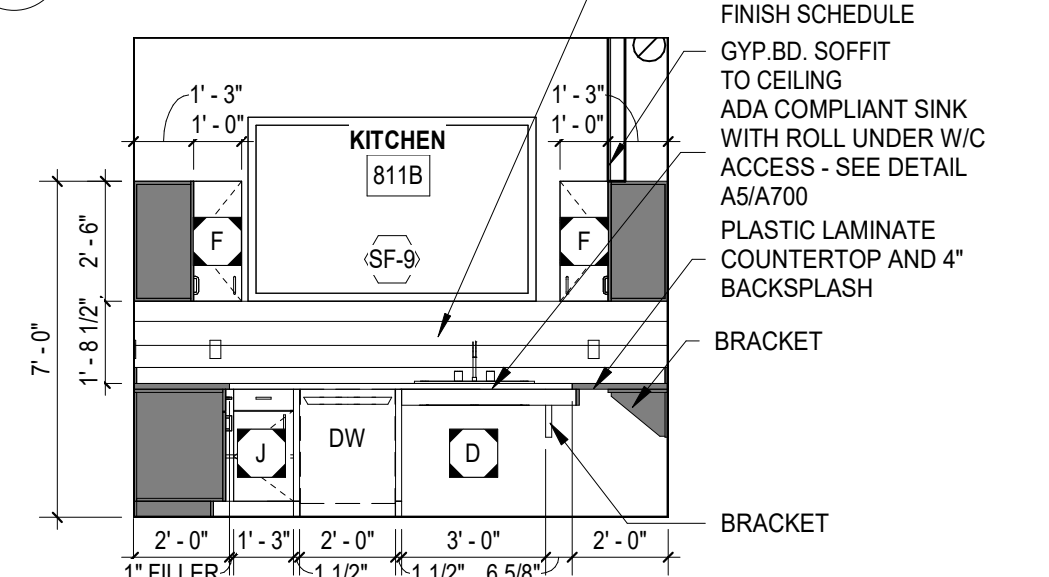
B1H MIDDLE SCHOOL - INTERIOR ELEVATION H
1/4" = 1'-0"



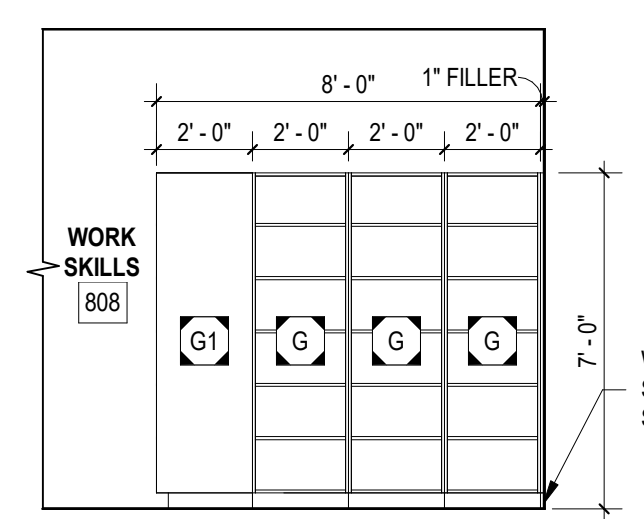
C3A KITCHEN 811B - INTERIOR ELEVATION
1/4" = 1'-0"



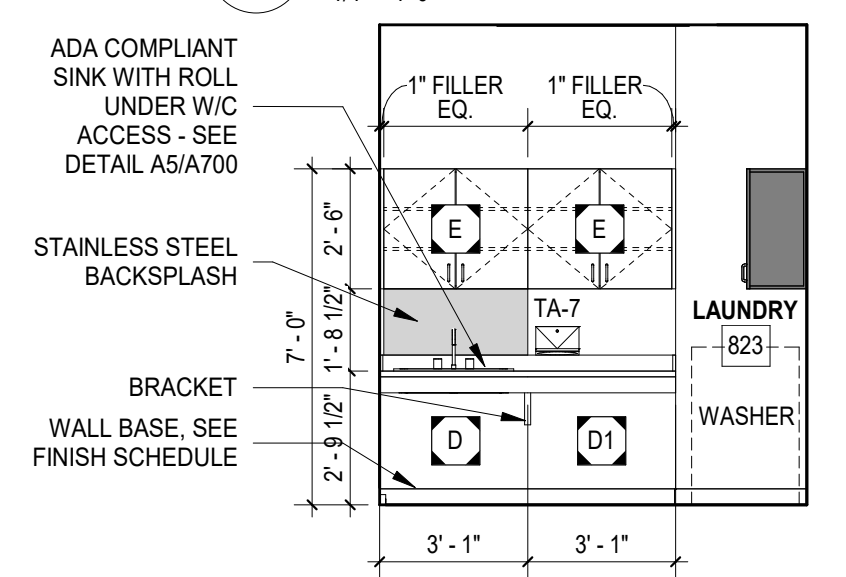
C3B KITCHEN 811B - INTERIOR ELEVATION
1/4" = 1'-0"



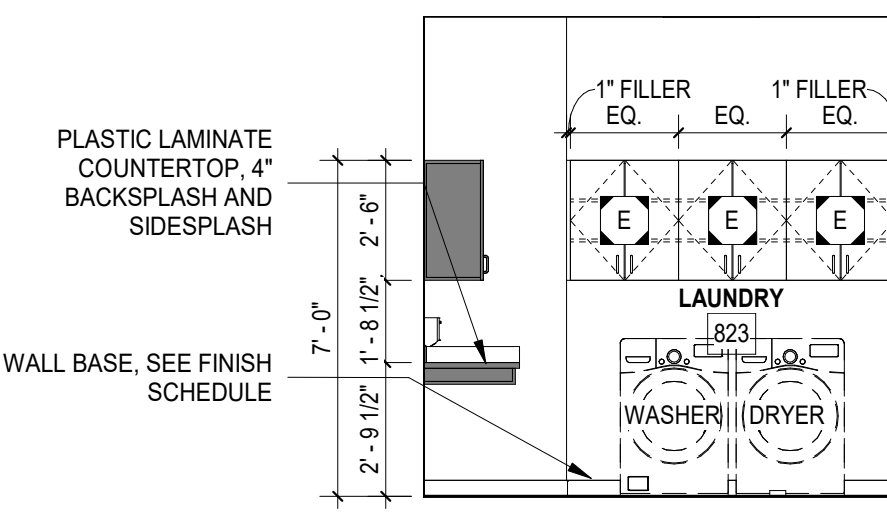
C3C KITCHEN 811B - INTERIOR ELEVATION
1/4" = 1'-0"



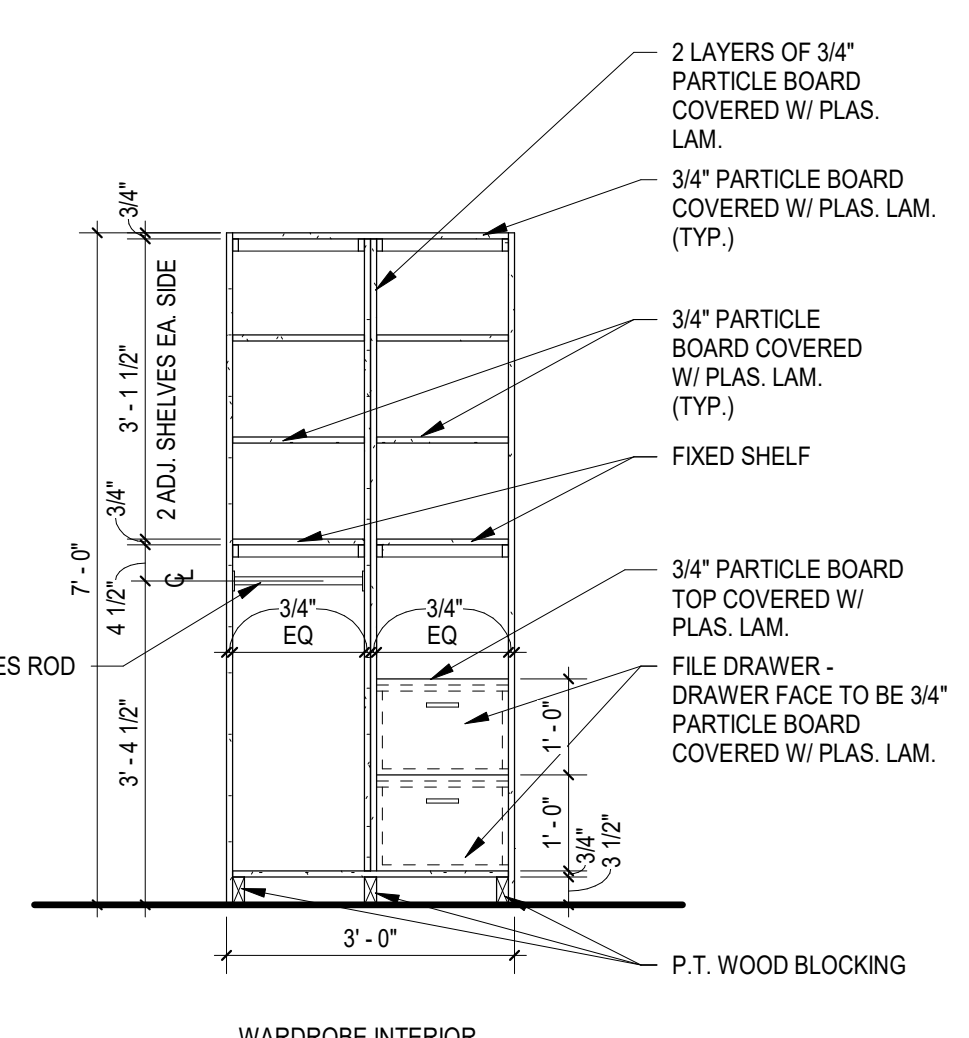
B4E WORK SKILLS 808 - INTERIOR ELEVATION
1/4" = 1'-0"



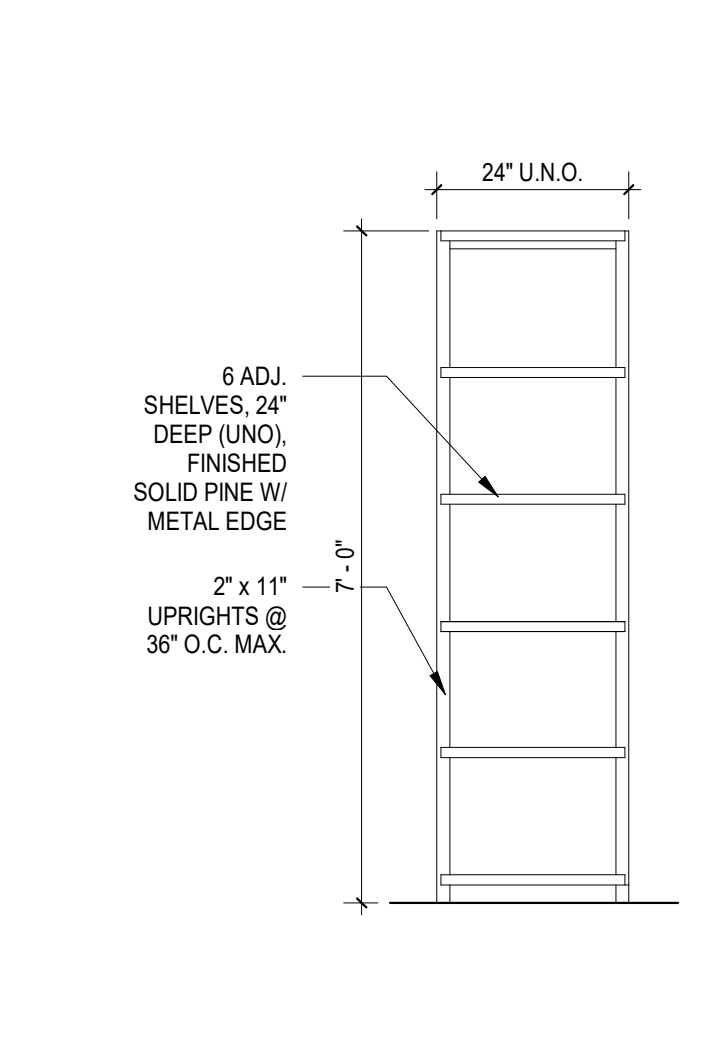
B3A LAUNDRY 823 - INTERIOR ELEVATION
1/4" = 1'-0"



B3B LAUNDRY 823 - INTERIOR ELEVATION
1/4" = 1'-0"



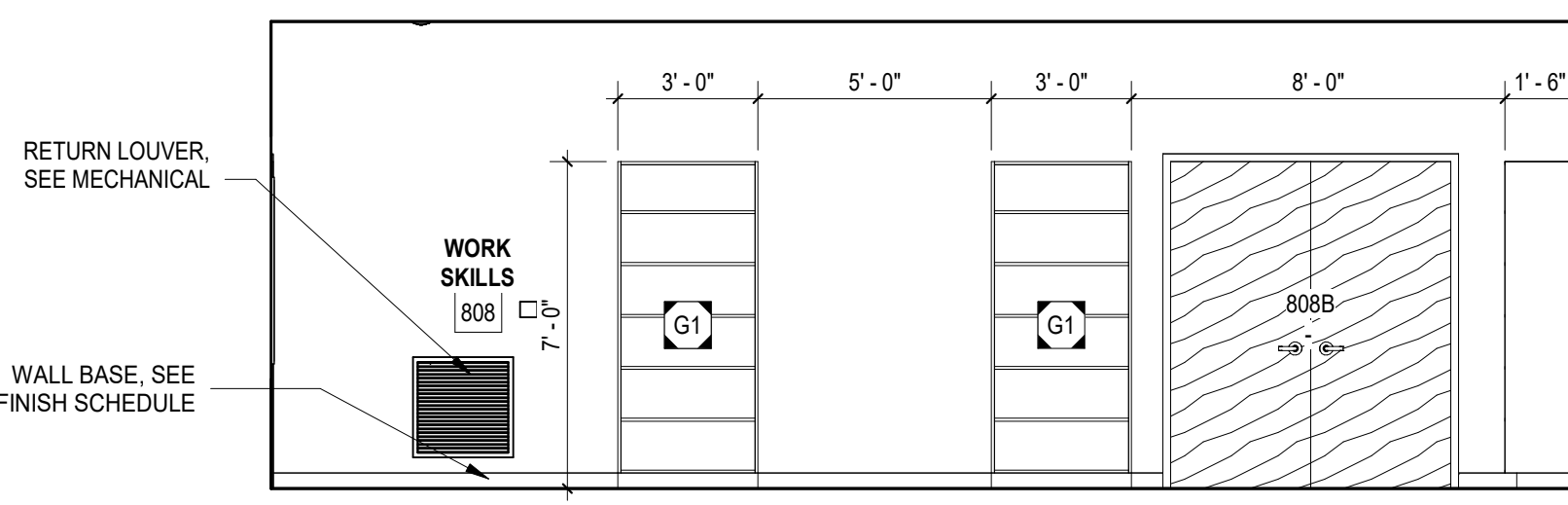
A3 TEACHER WARDROBE CABINET INTERIOR ELEVATION
1/2" = 1'-0"



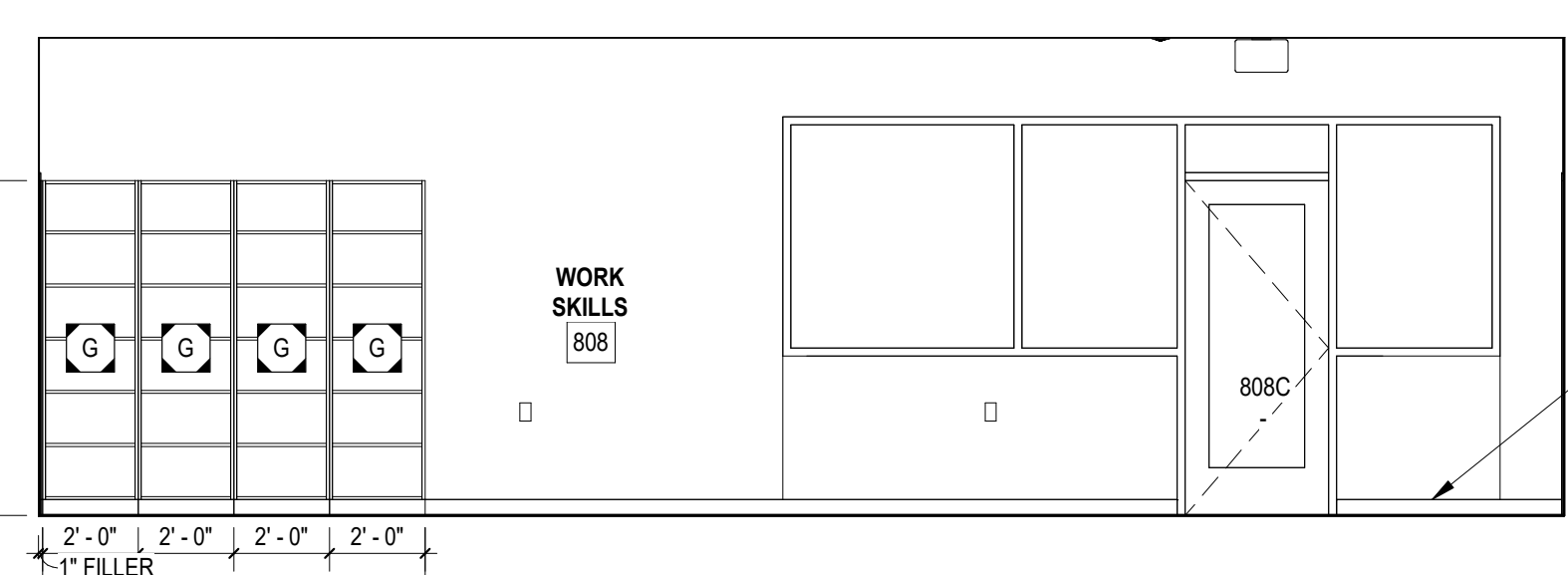
A4 'Z' SHELVING DETAIL
1/2" = 1'-0"



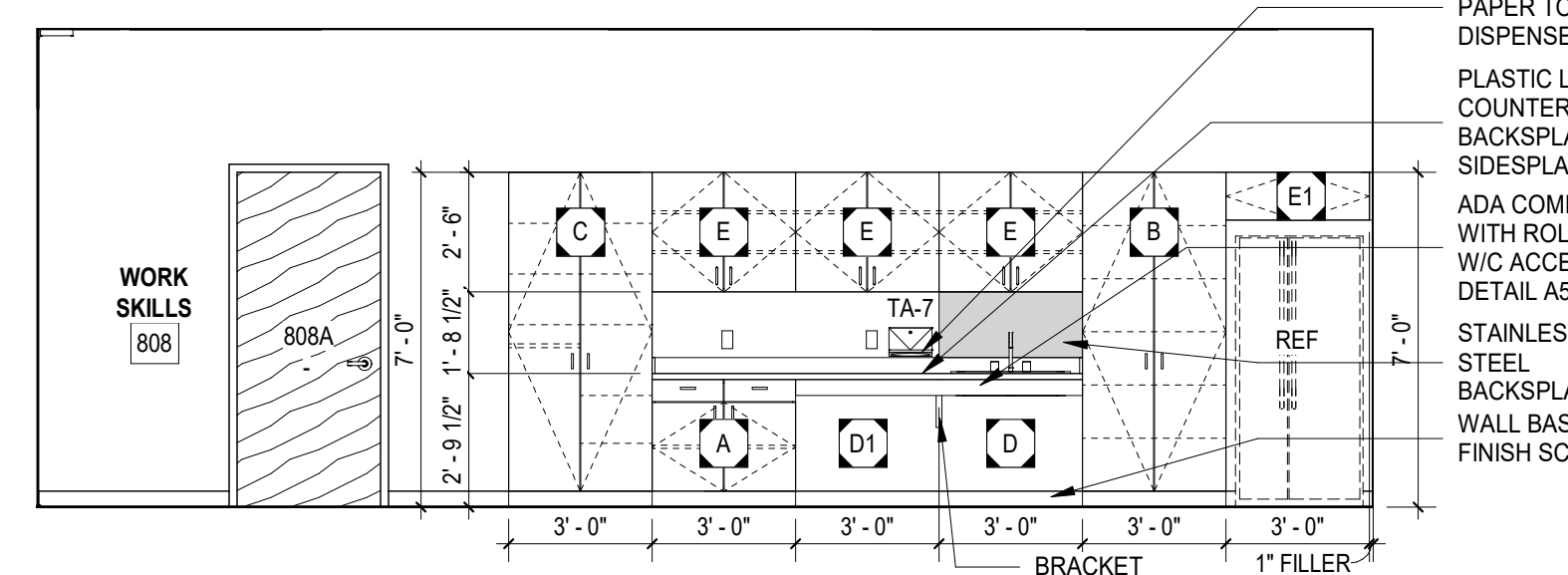
B4A WORK SKILLS 808 - INTERIOR ELEVATION
1/4" = 1'-0"



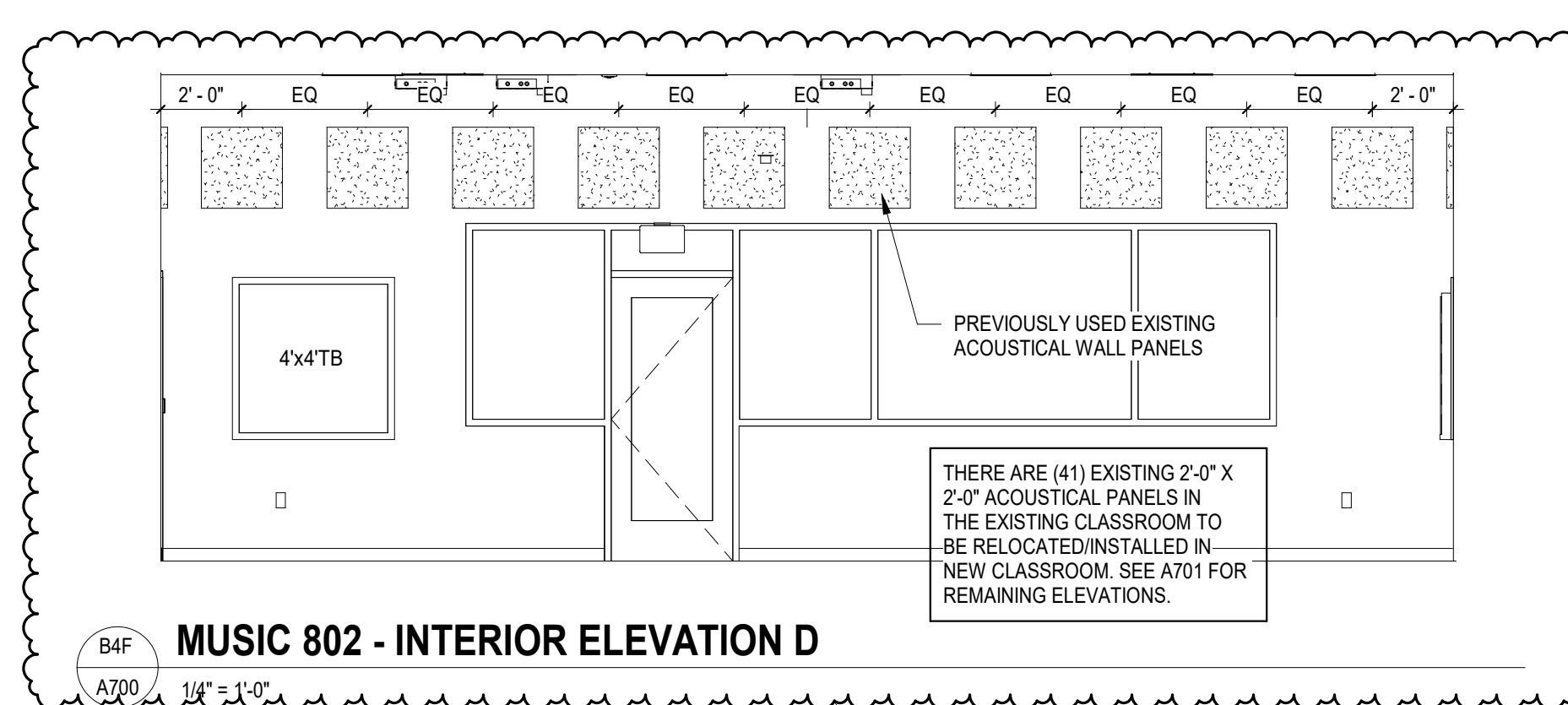
B4B WORK SKILLS 808 - INTERIOR ELEVATION
1/4" = 1'-0"



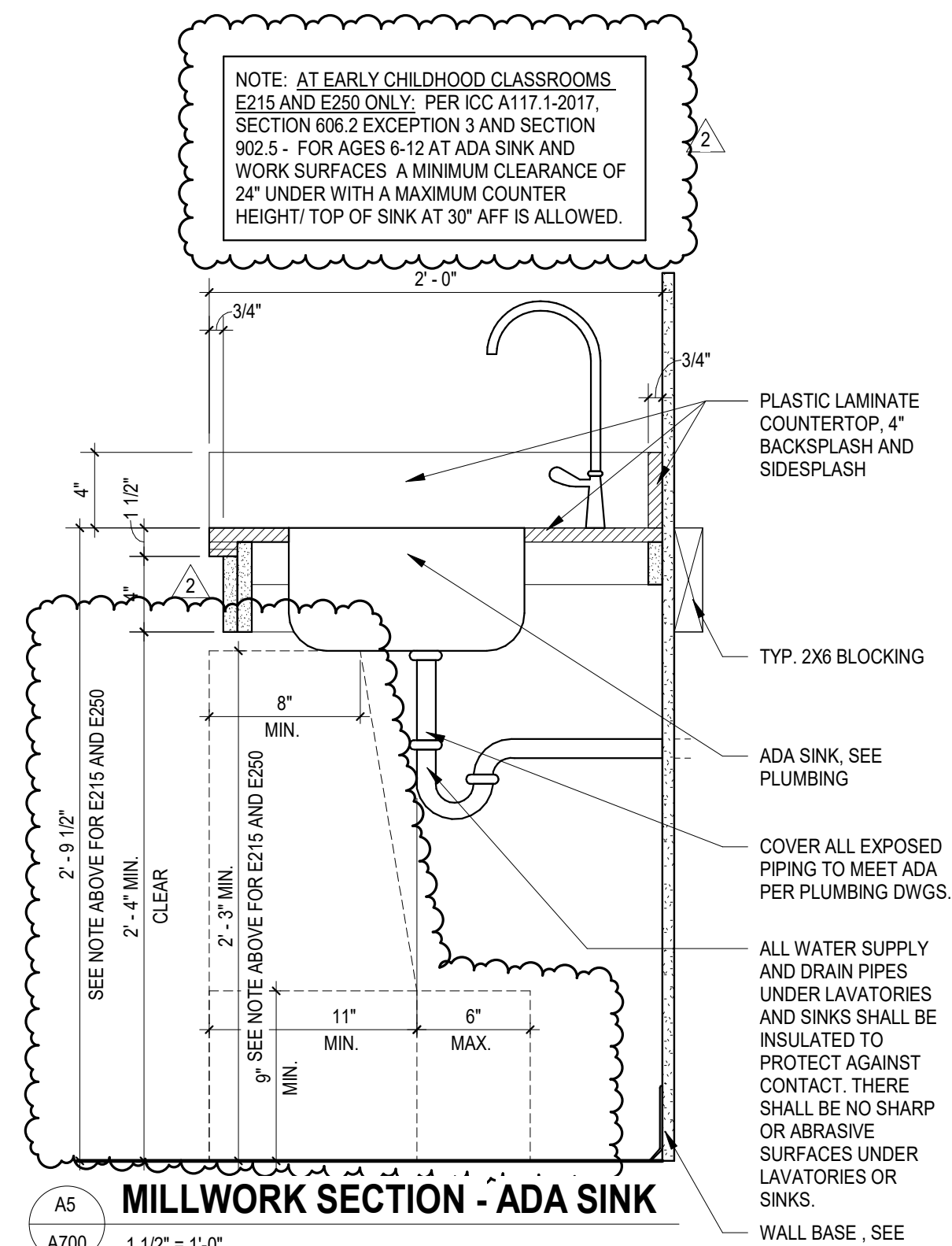
B4C WORK SKILLS 808 - INTERIOR ELEVATION
1/4" = 1'-0"



B4D WORK SKILLS 808 - INTERIOR ELEVATION
1/4" = 1'-0"



B4F MUSIC 802 - INTERIOR ELEVATION D
1/4" = 1'-0"



A5 MILLWORK SECTION - ADA SINK
1 1/2" = 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; (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 24"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.

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	DLL

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

SHEET TITLE:
INTERIOR ELEVATIONS

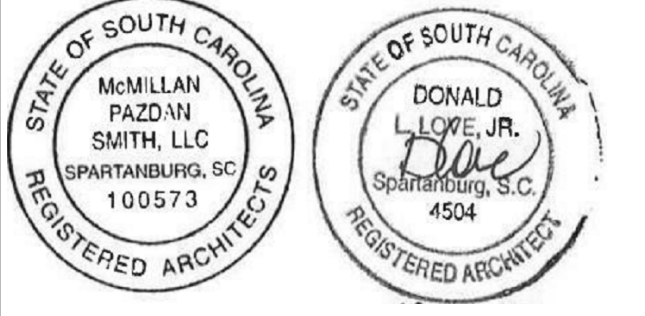
SHEET NO. **A700** PROJ. NO. 020063.00

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 30"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; (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.

CONSULTANT LOGO



SPARTANBURG SCHOOL DISTRICT 7

ADDITIONS AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

175 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

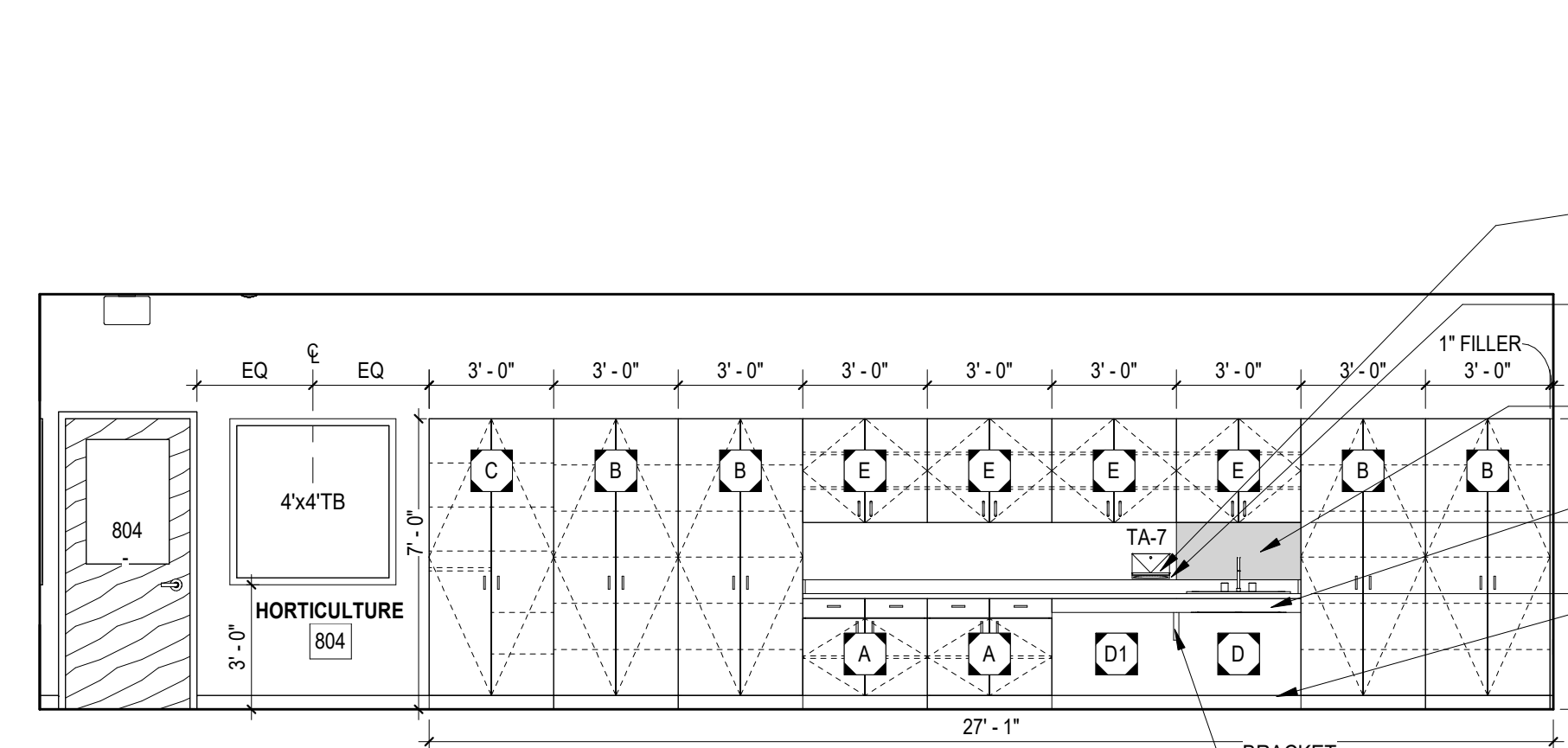
SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DL
2	05/12/2021	Addendum No. 2	DL
3	05/14/2021	Addendum No. 3	DL
4	05/17/2021	Addendum No. 4	DL

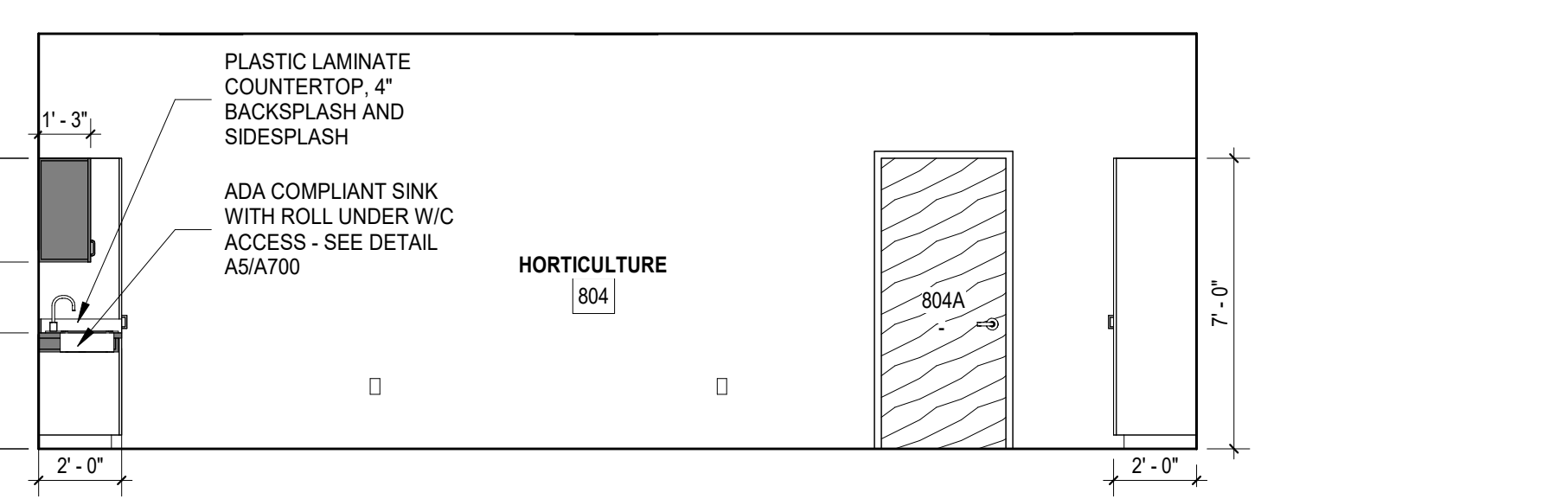
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: DL
PROJECT ARCHITECT: DL
DRAWN BY: JMO, JSW, DDC

SHEET TITLE:
INTERIOR ELEVATIONS

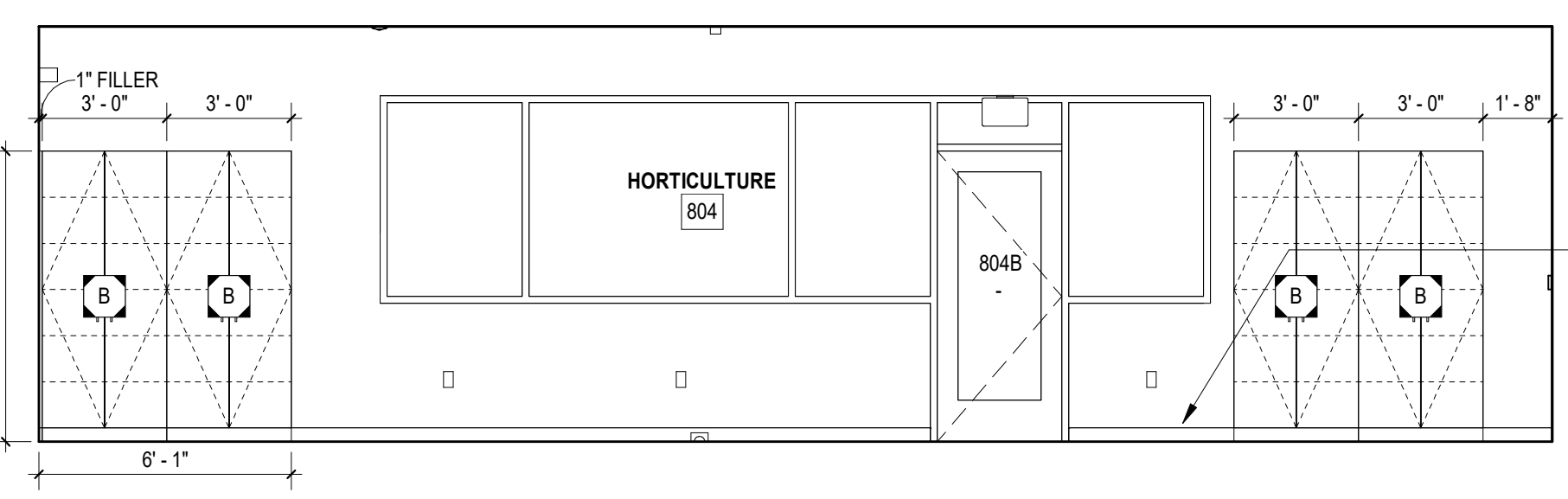
SHEET NO. A701 PROJ. NO. 020063.00



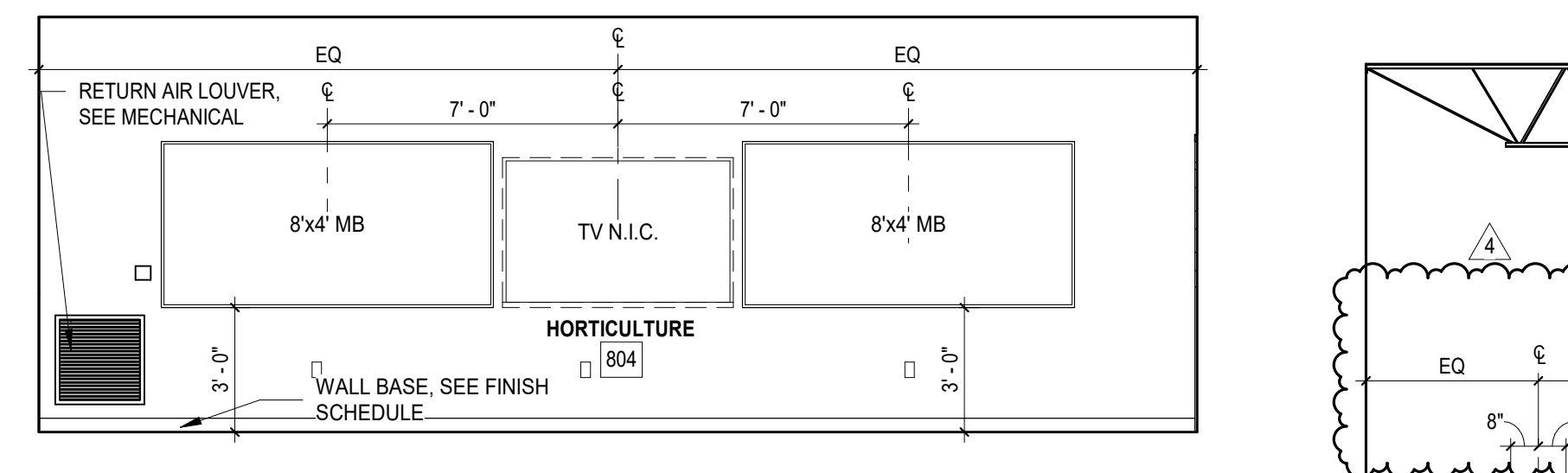
HORTICULTURE 804 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



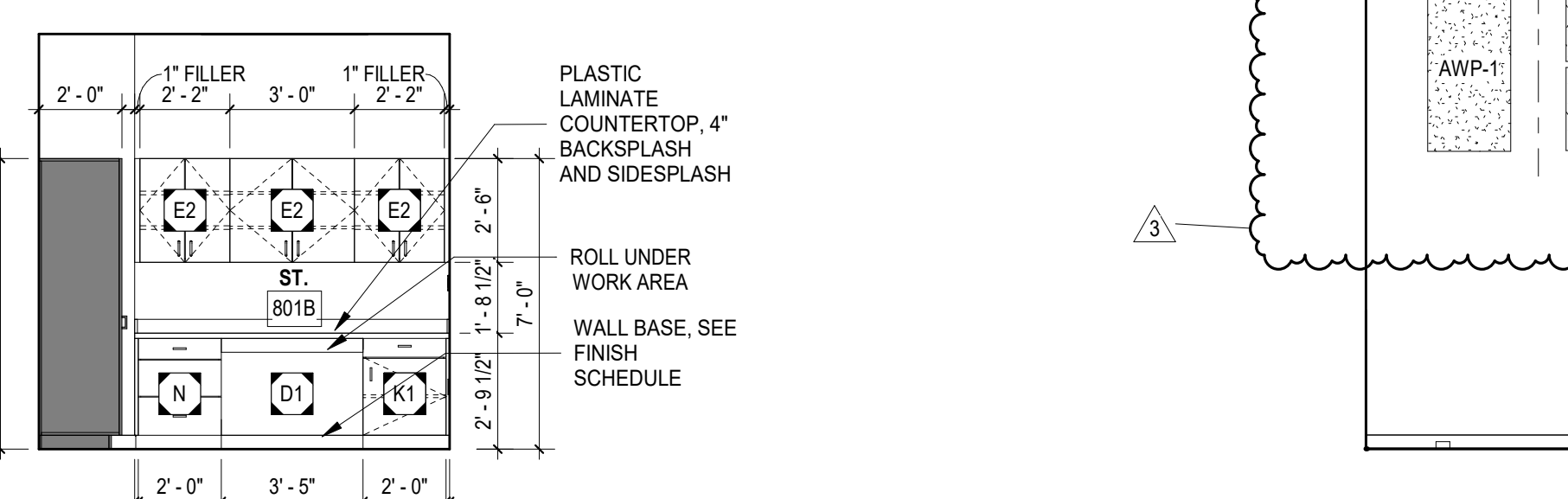
HORTICULTURE 804 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



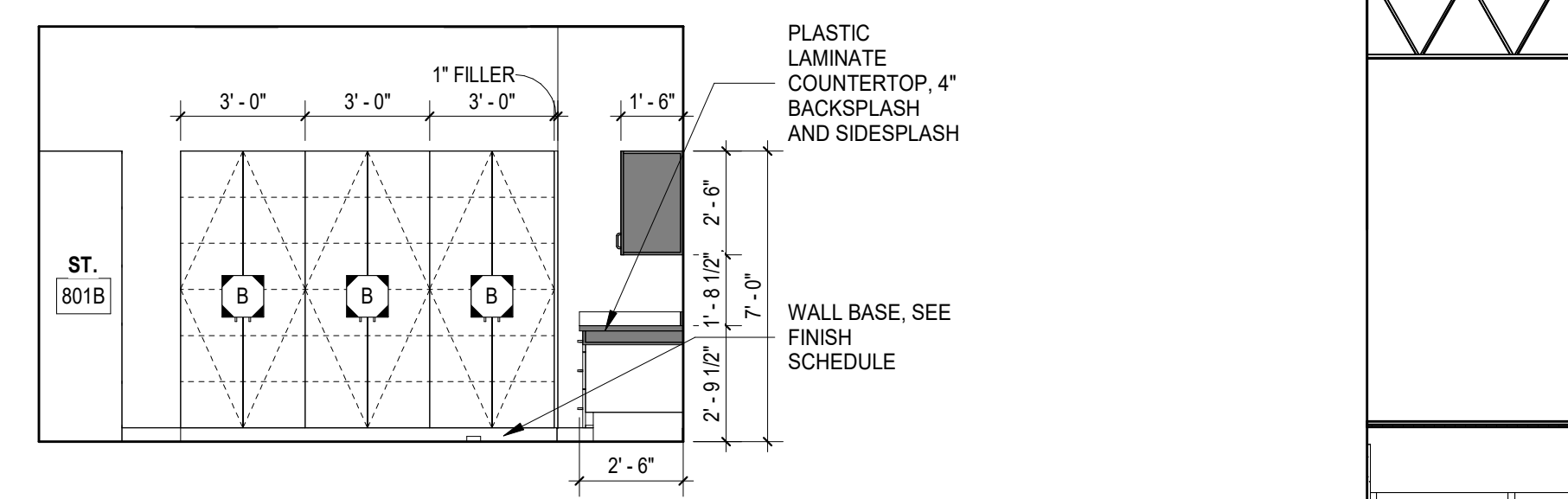
HORTICULTURE 804 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



HORTICULTURE 804 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



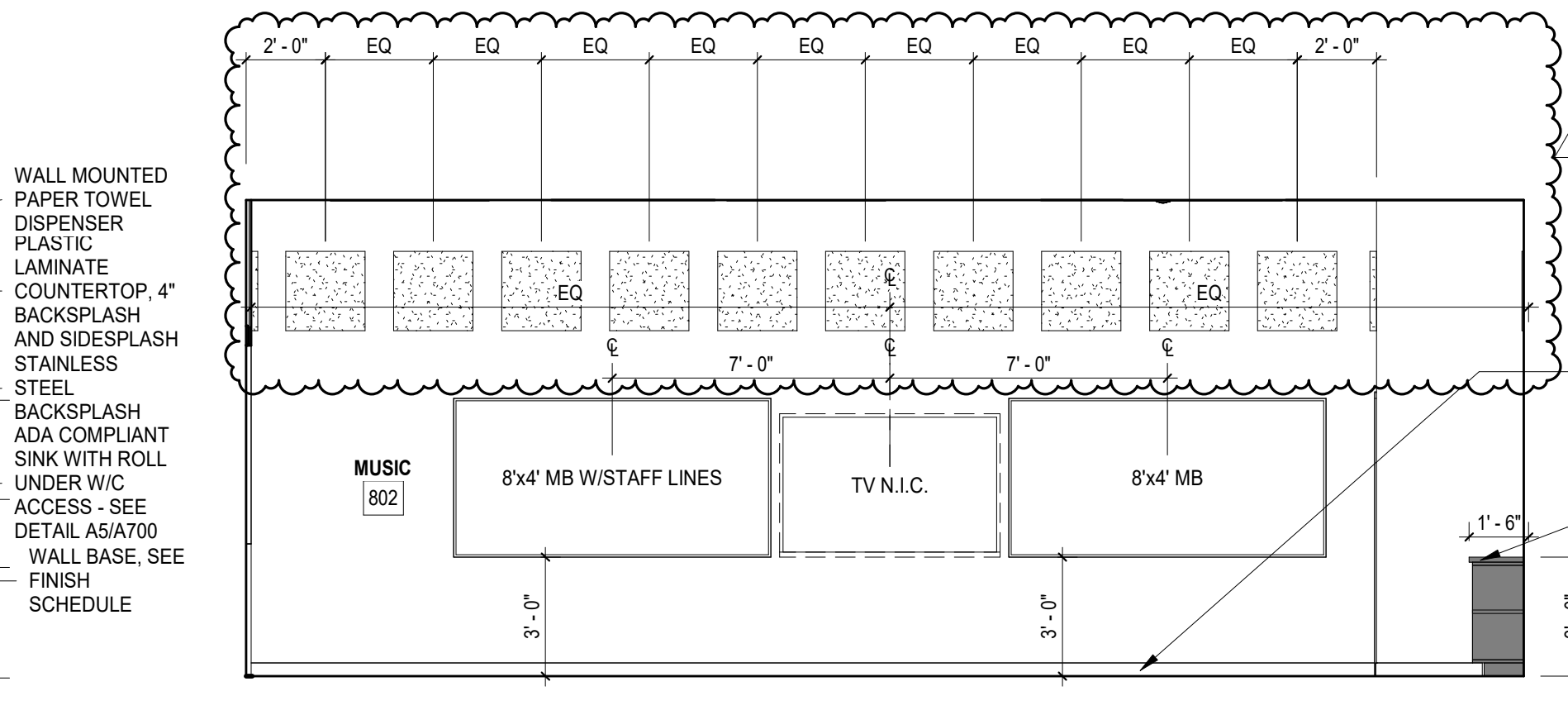
STORAGE 801B - INTERIOR ELEVATION
A701 1/4" = 1'-0"



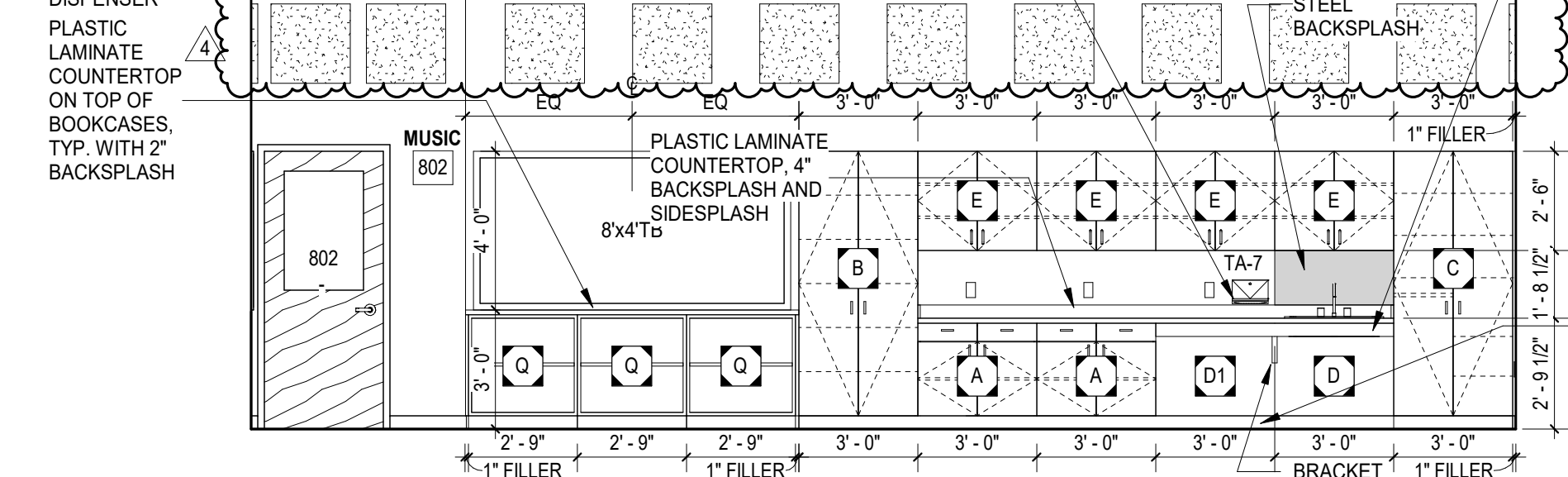
STORAGE 801B - INTERIOR ELEVATION
A701 1/4" = 1'-0"

ACOUSTICAL WALL PANEL SCHEDULE

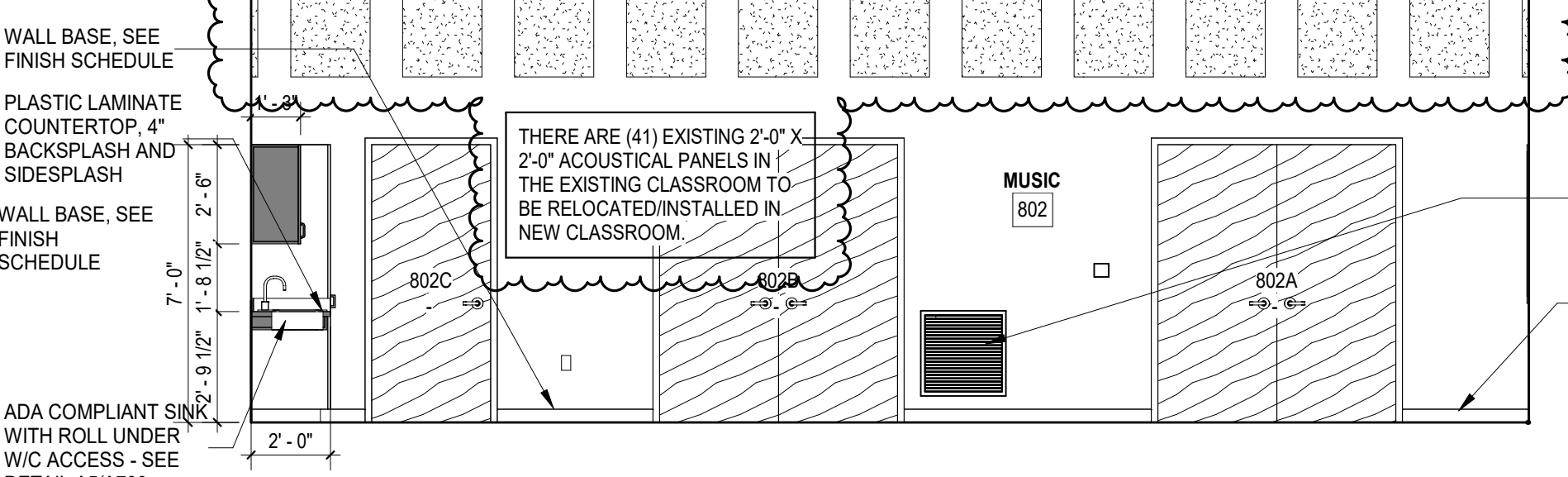
ABBR.	TYPE	SIZE
AWP-1	Acoustical Wall Panel	2' W x 2' H x 2"D
AWP-2	Acoustical Wall Panel	2' W x 2' H x 2"D



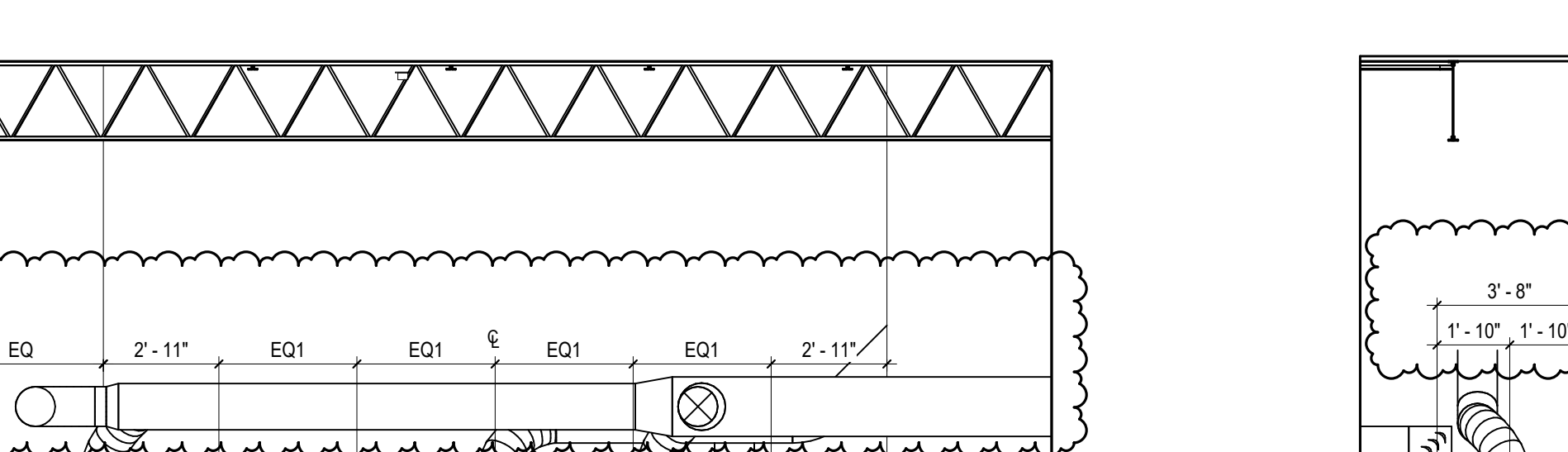
MUSIC 802 - INTERIOR ELEVATION A
A701 1/4" = 1'-0"



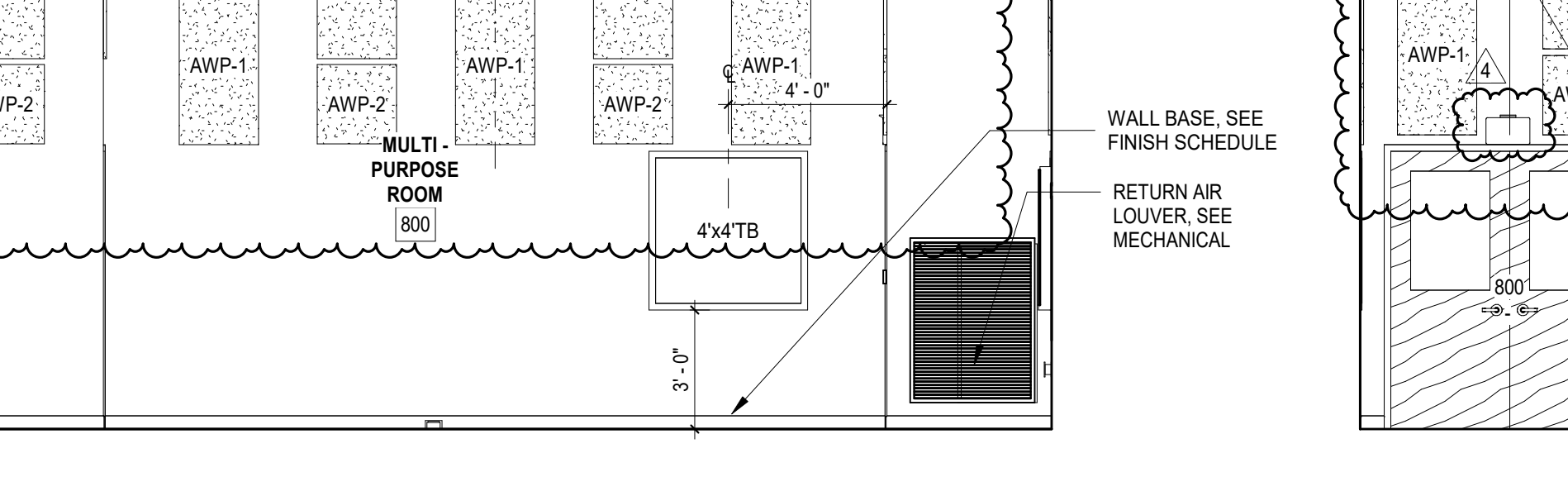
MUSIC 802 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



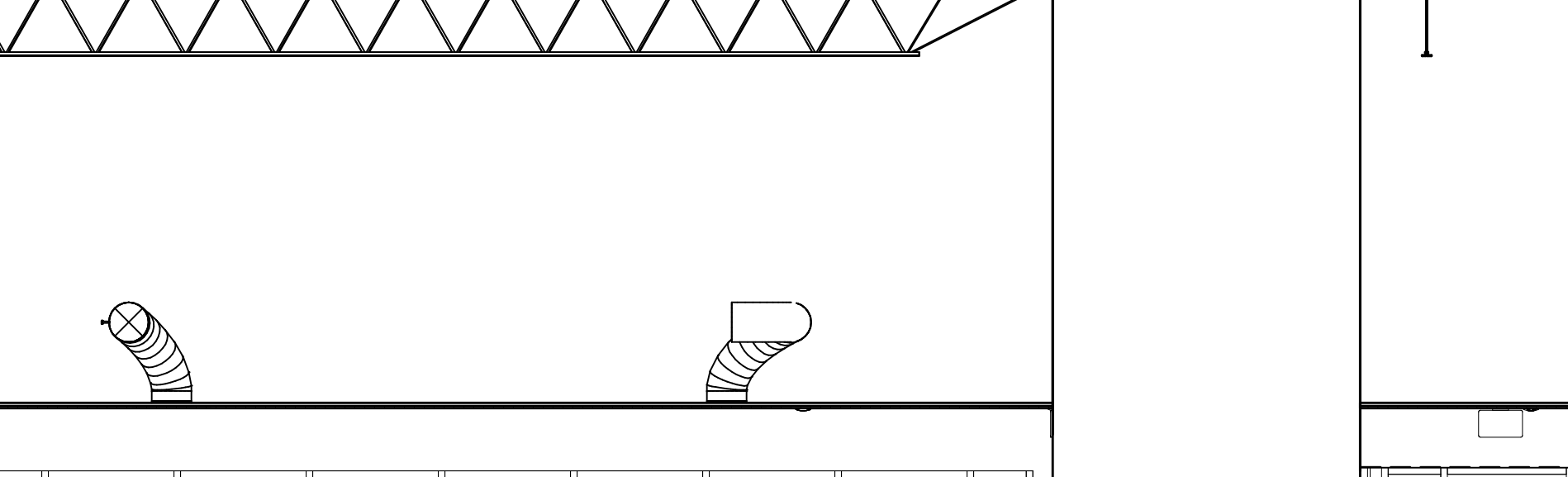
MUSIC 802 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



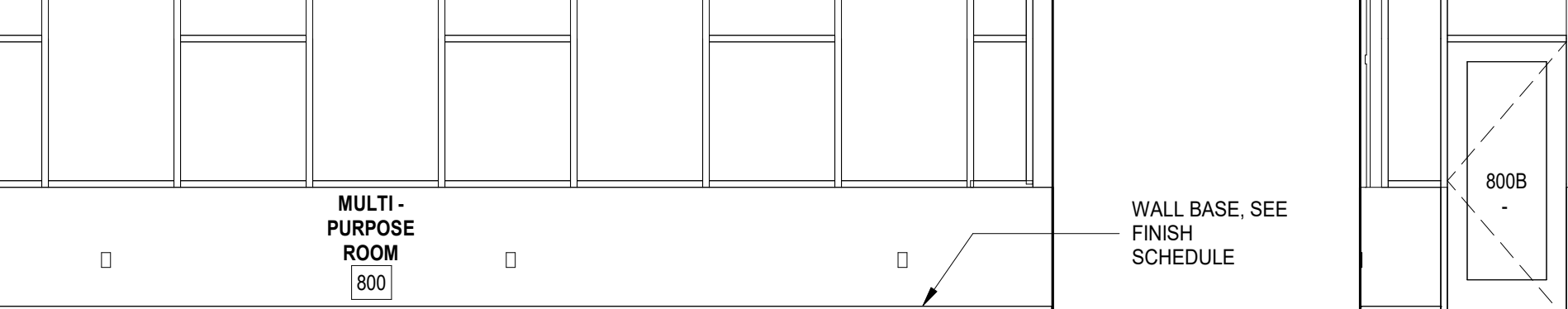
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



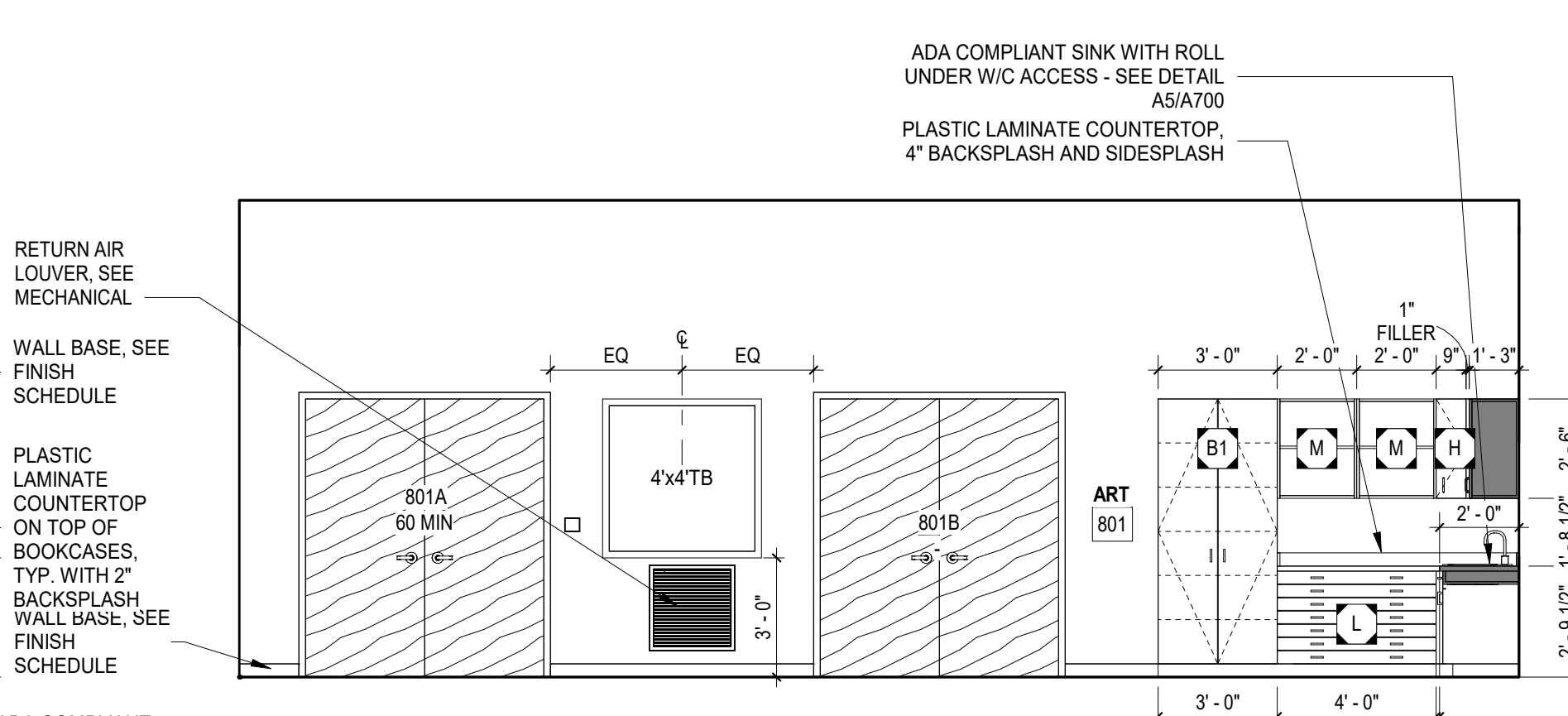
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



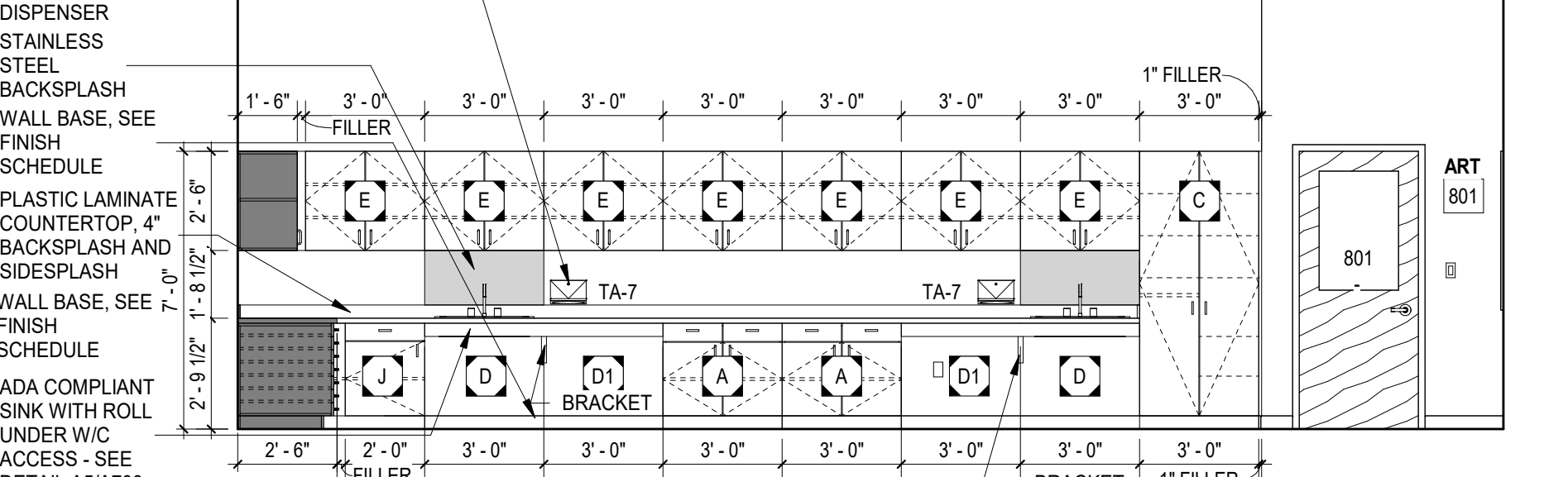
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



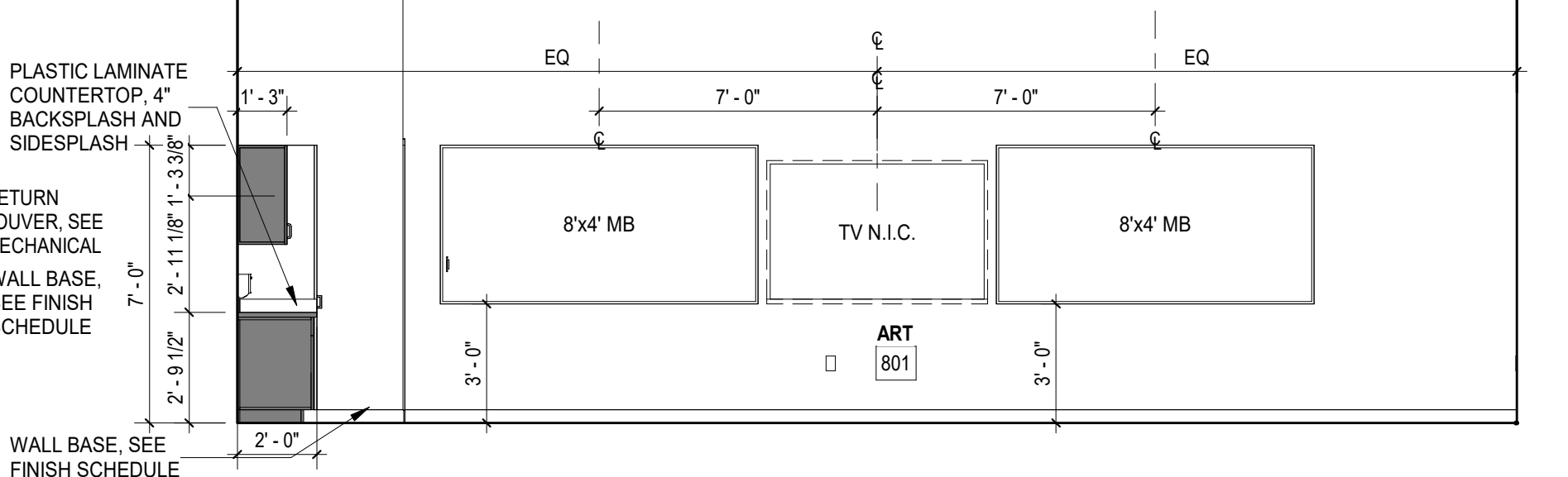
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



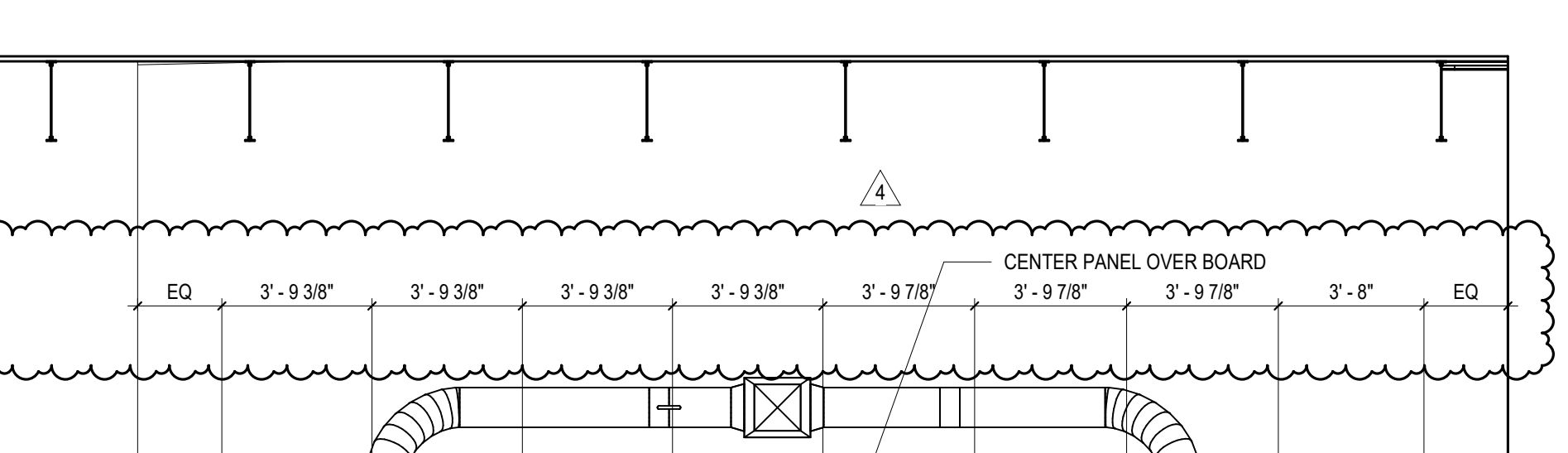
ART 801 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



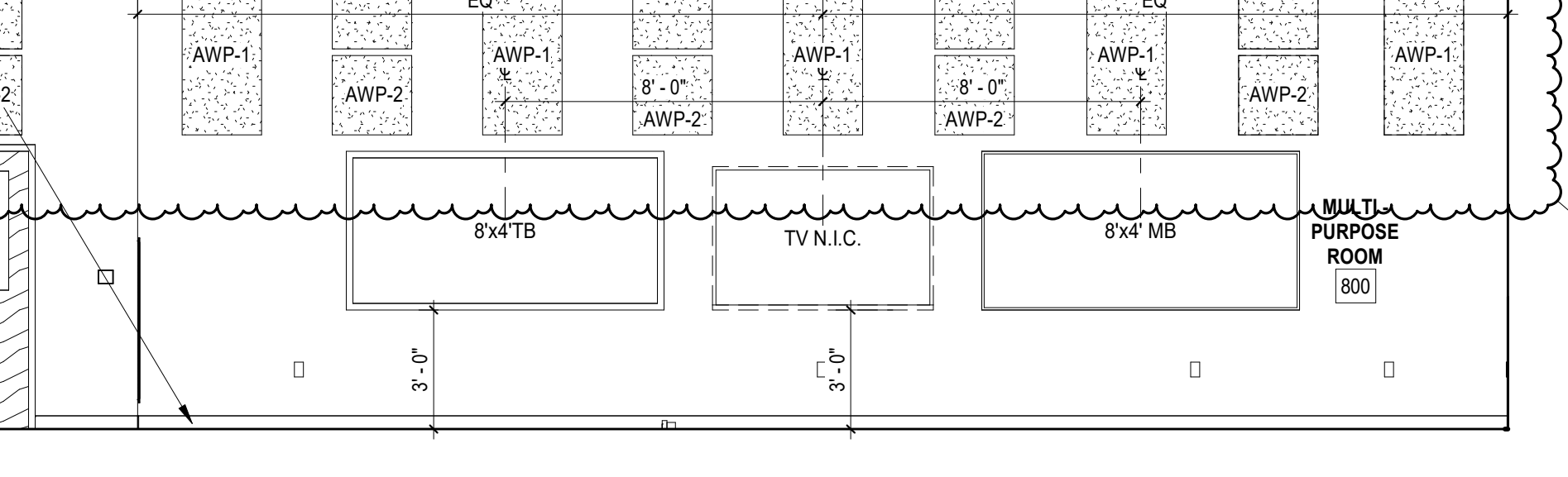
ART 801 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



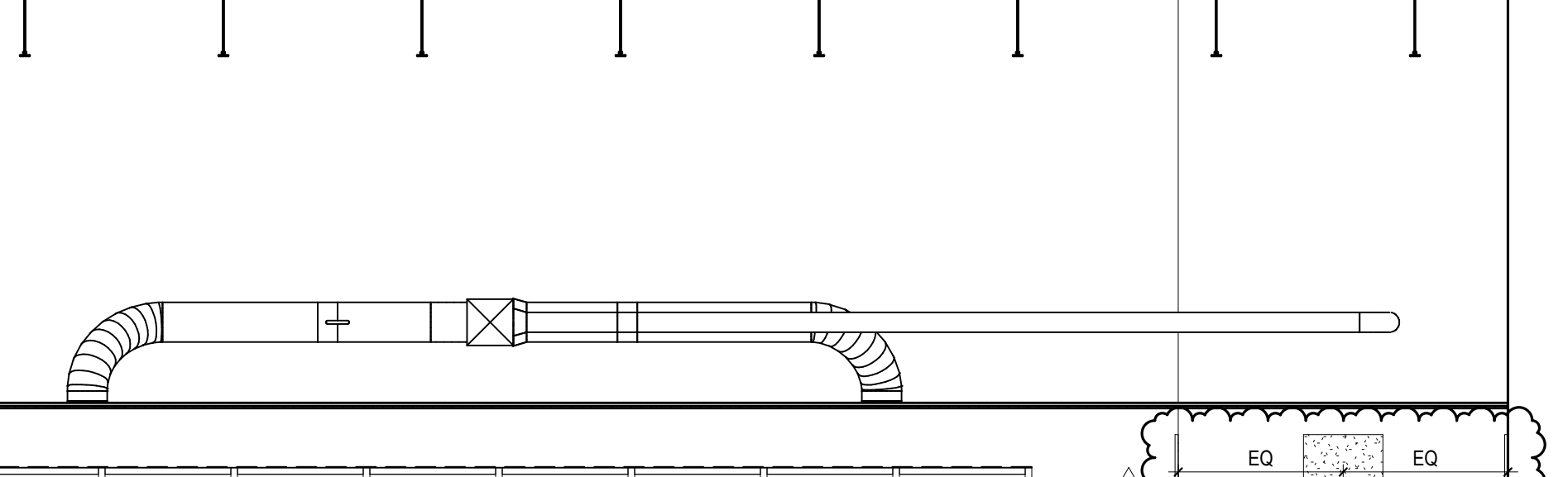
ART 801 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



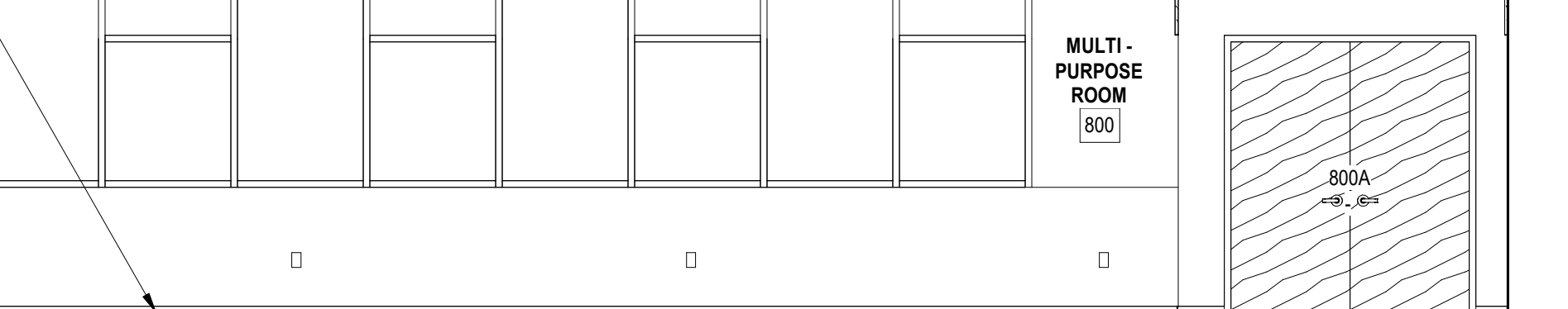
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"

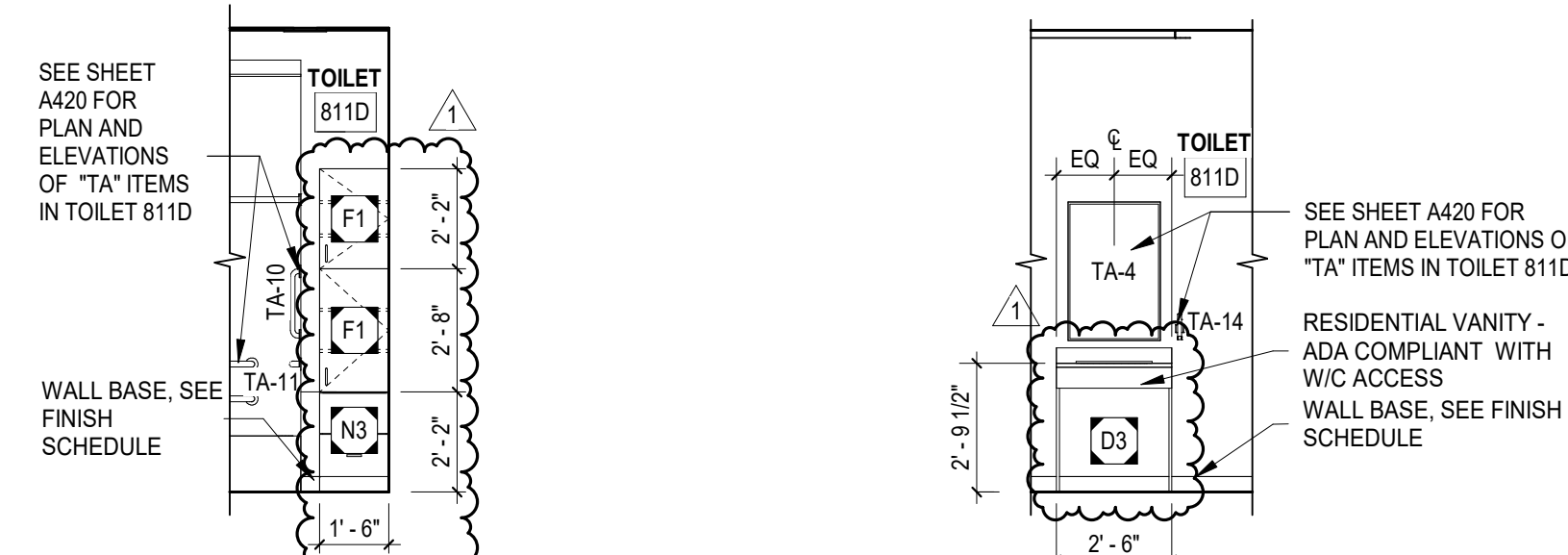


MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"



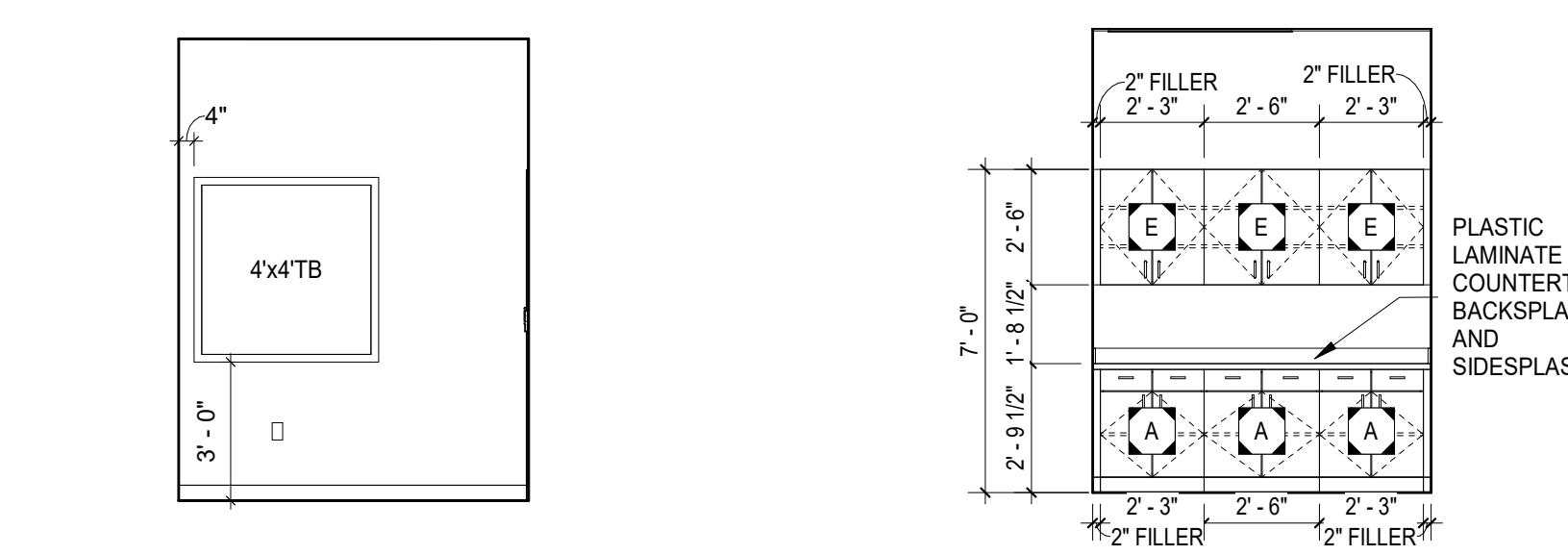
MULTIPURPOSE 800 - INTERIOR ELEVATION
A701 1/4" = 1'-0"

ALL DRAWINGS, SPECIFICATIONS AND NOTES ARE THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. ANY REUSE OR REPRODUCTION OF ANY PART OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF MCMILLAN PAZDAN SMITH ARCHITECTURE, INC. IS STRICTLY PROHIBITED. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS DOCUMENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



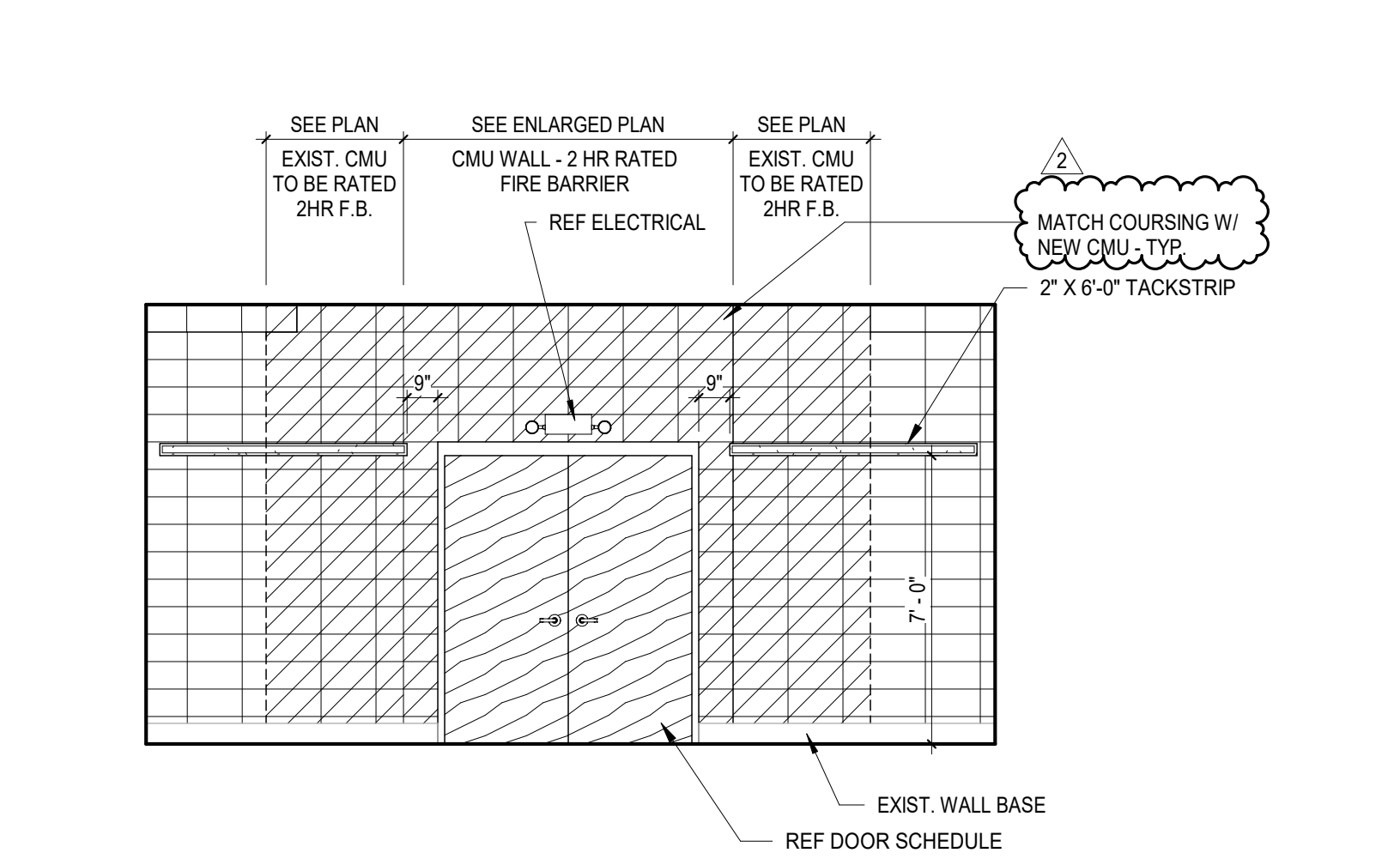
E1 TOILET 811D - INT ELEV B
1/4" = 1'-0"

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

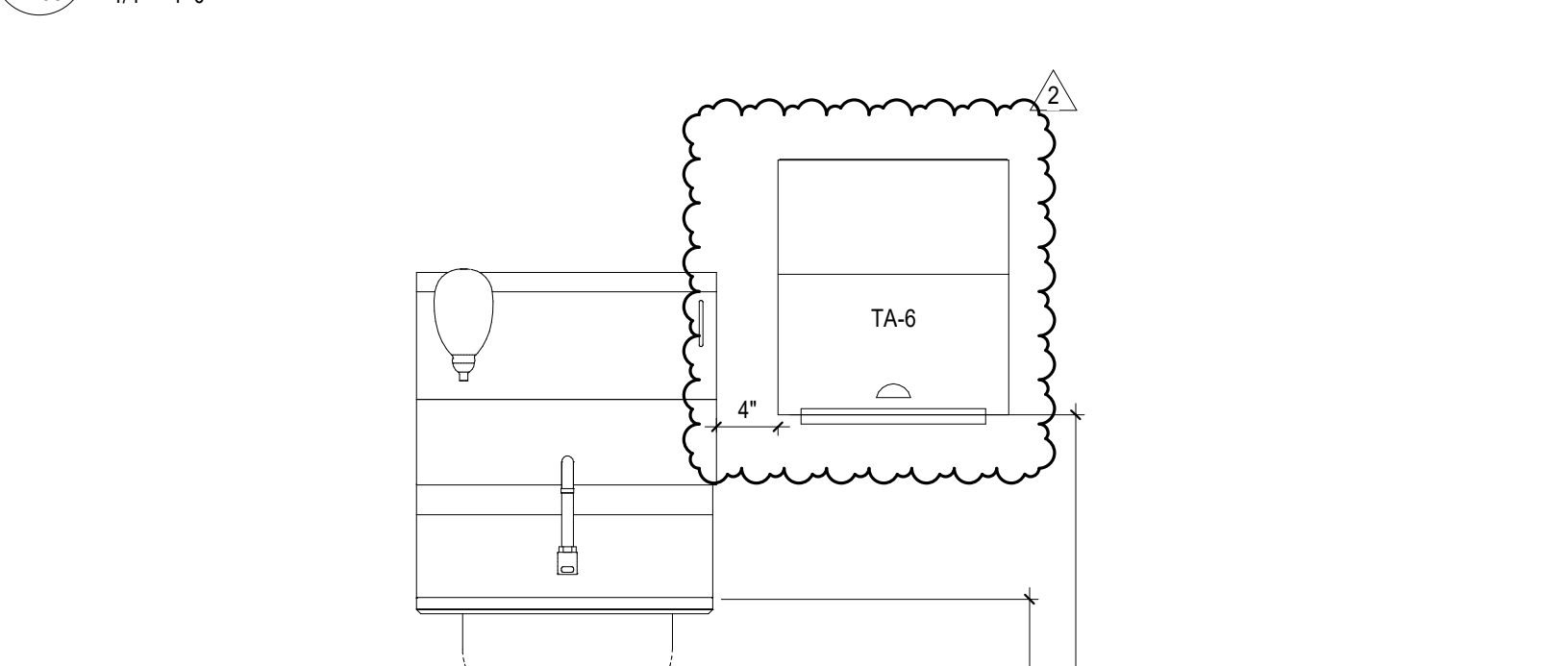


D1 FOOD PREP 809 INT ELEV
1/4" = 1'-0"

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



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

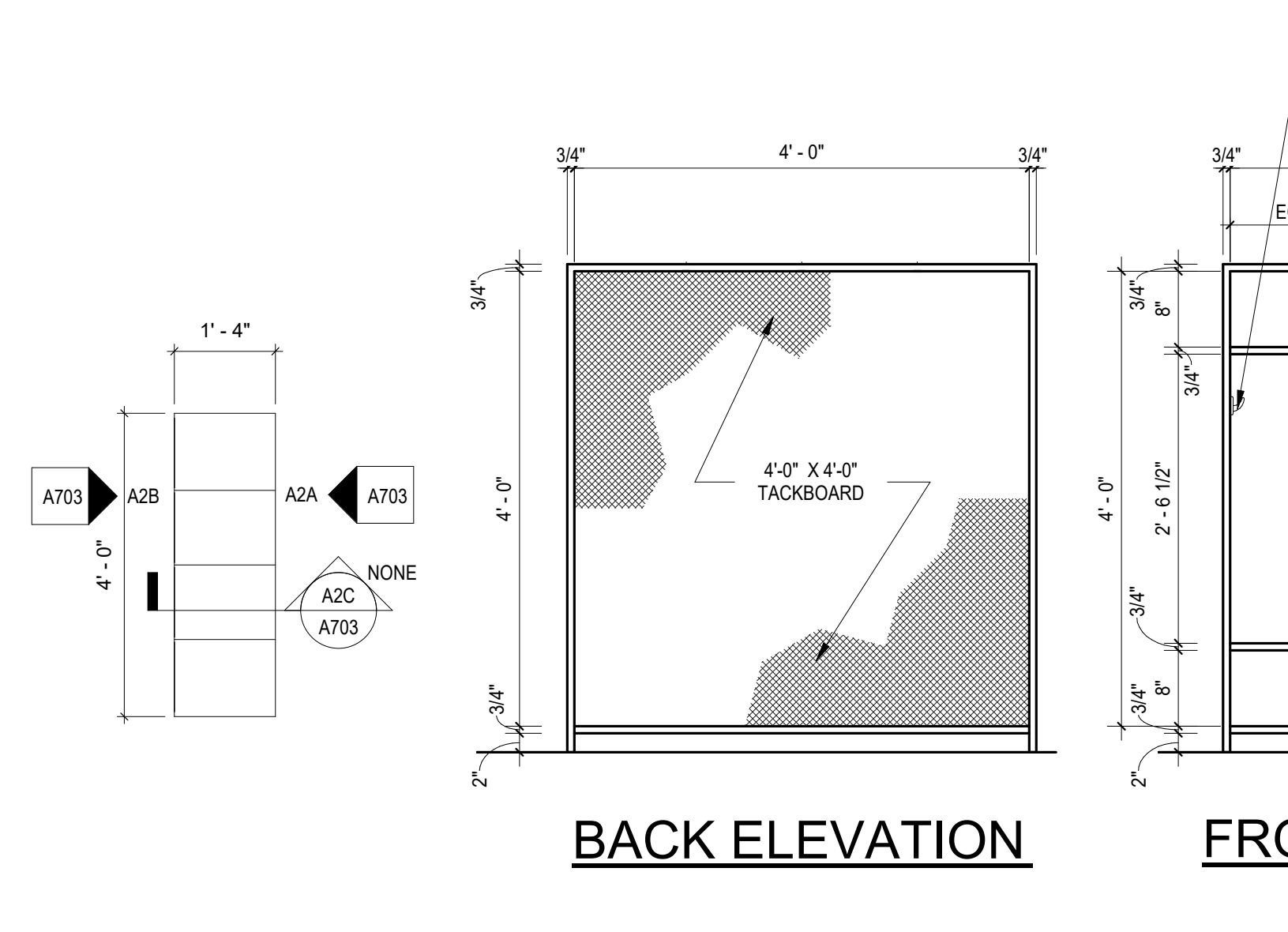


B1 TYP. HAND SINK ELEVATION
1" = 1'-0"



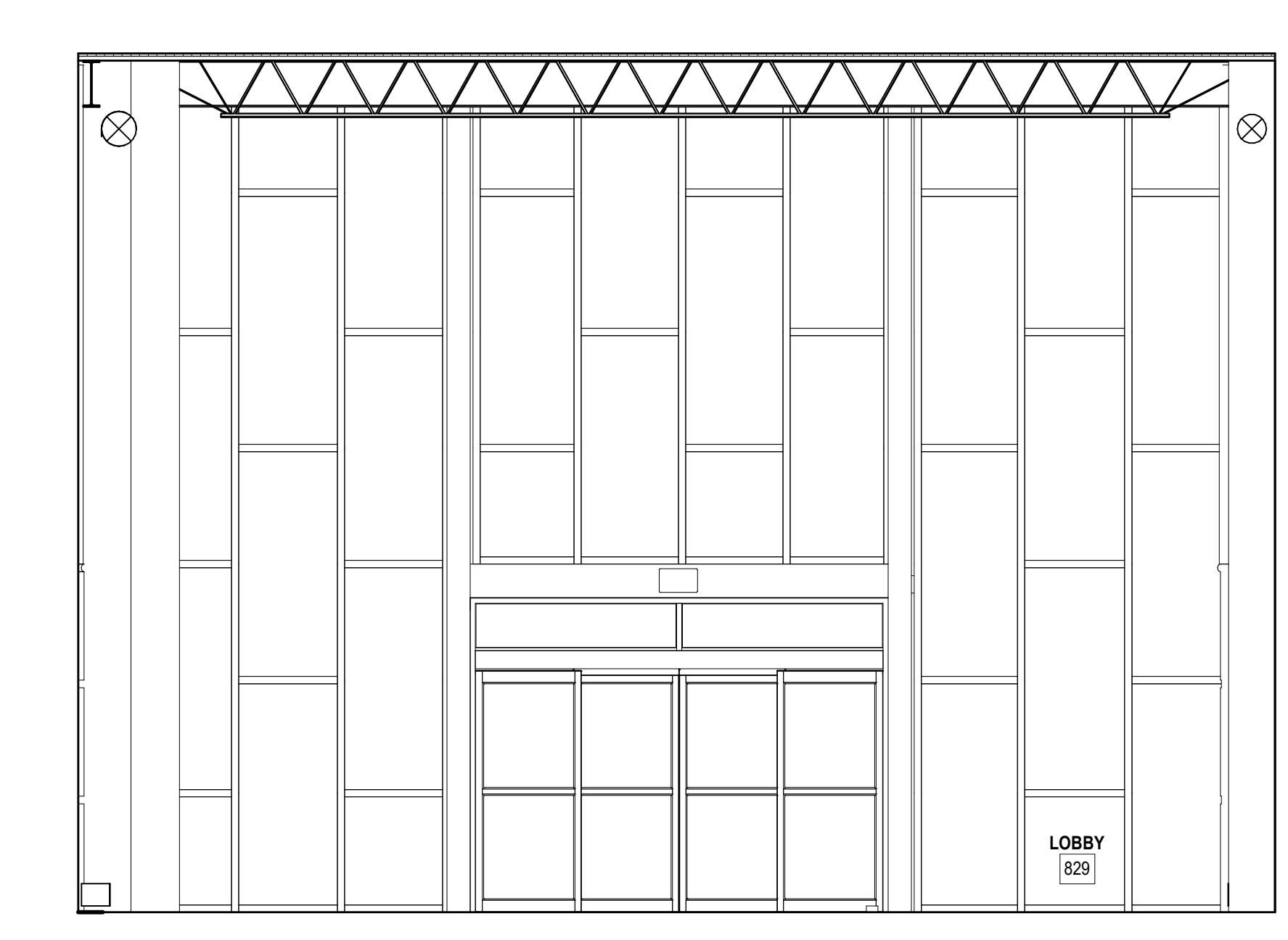
A1 CUBBY PLAN
1/2" = 1'-0"

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

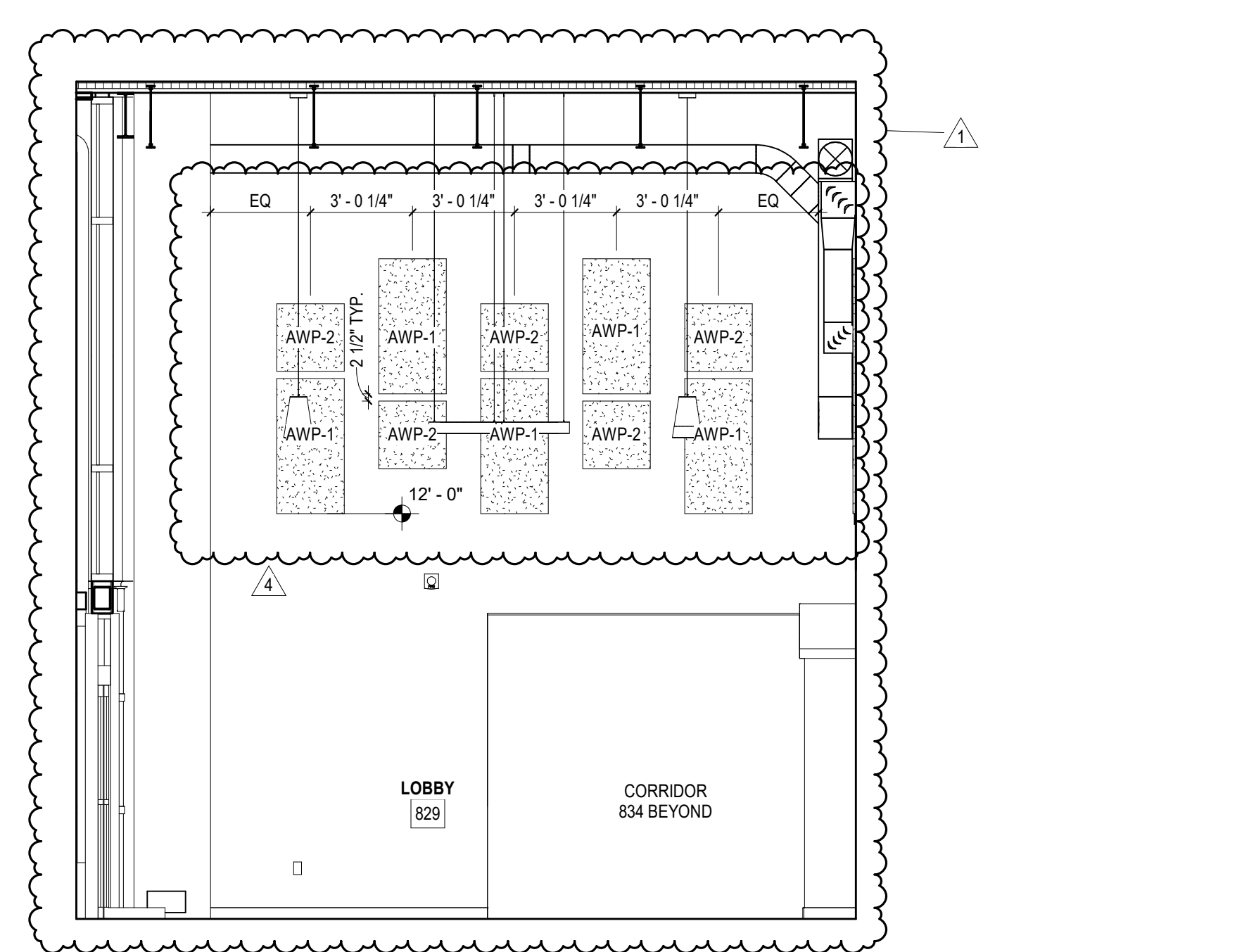


A2B CUBBY FRONT ELEVATION
3/4" = 1'-0"

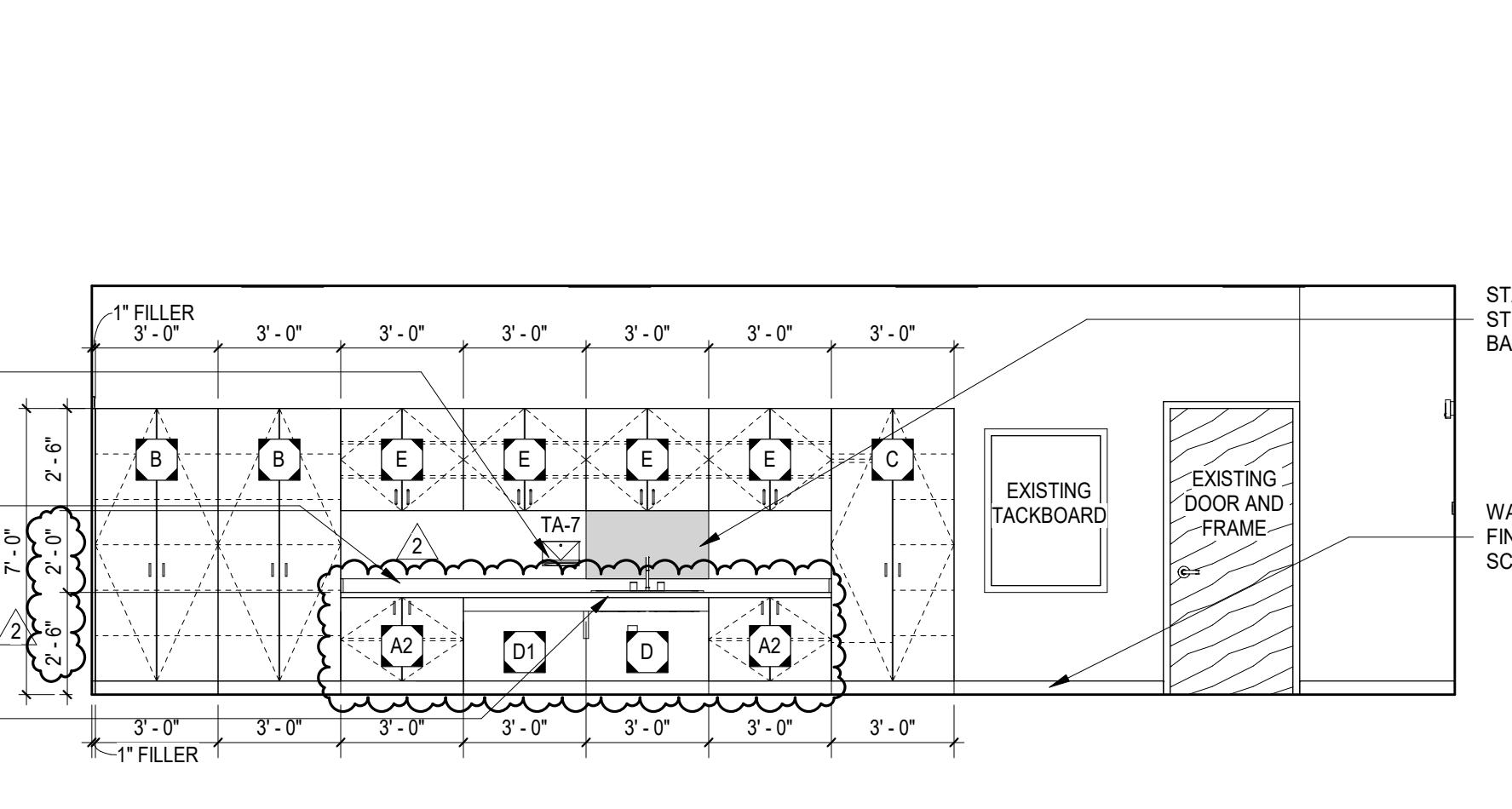
A2C CUBBY SECTION
3/4" = 1'-0"



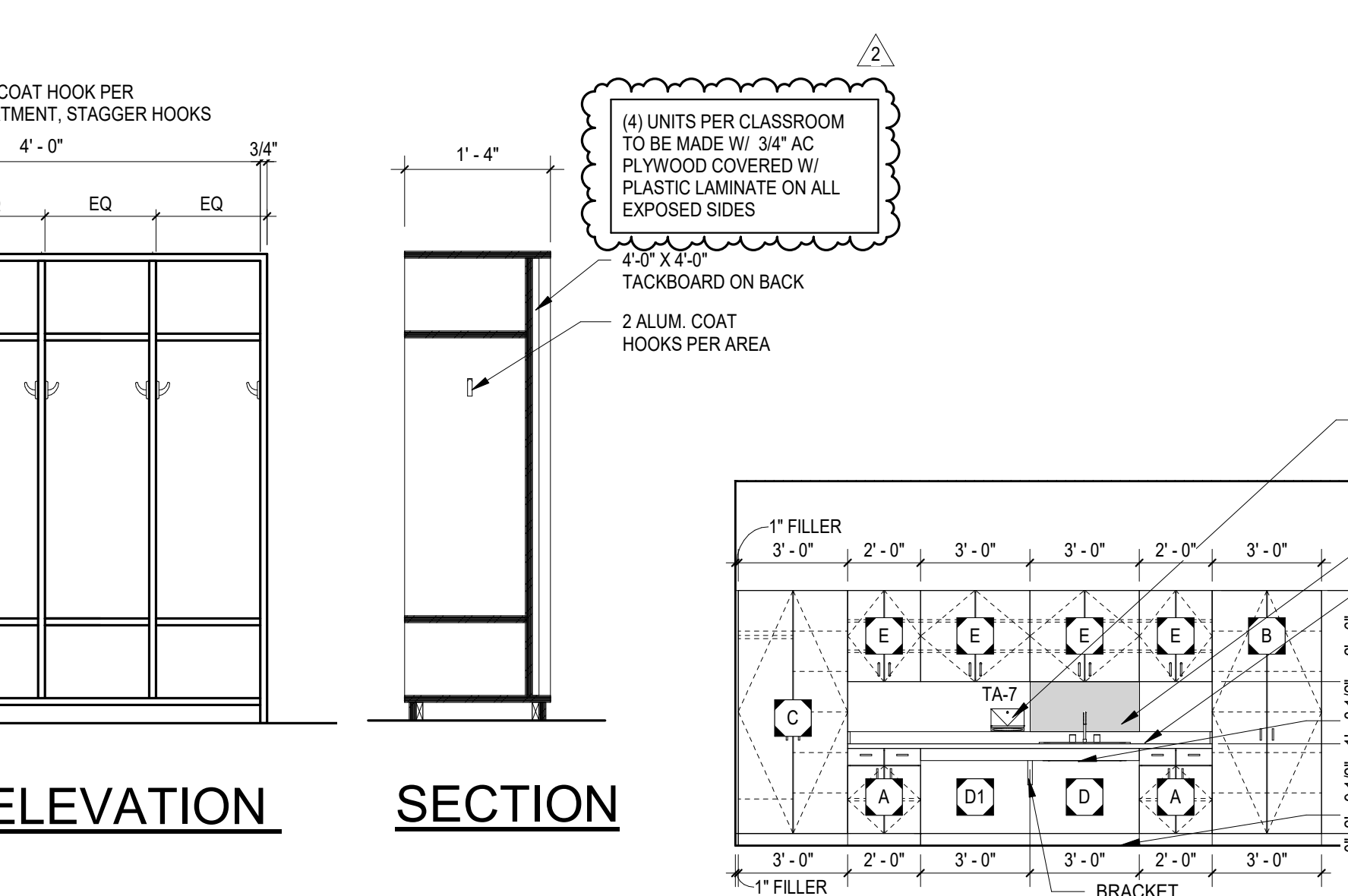
C2A LOBBY 829 - INTERIOR ELEVATION
1/4" = 1'-0"



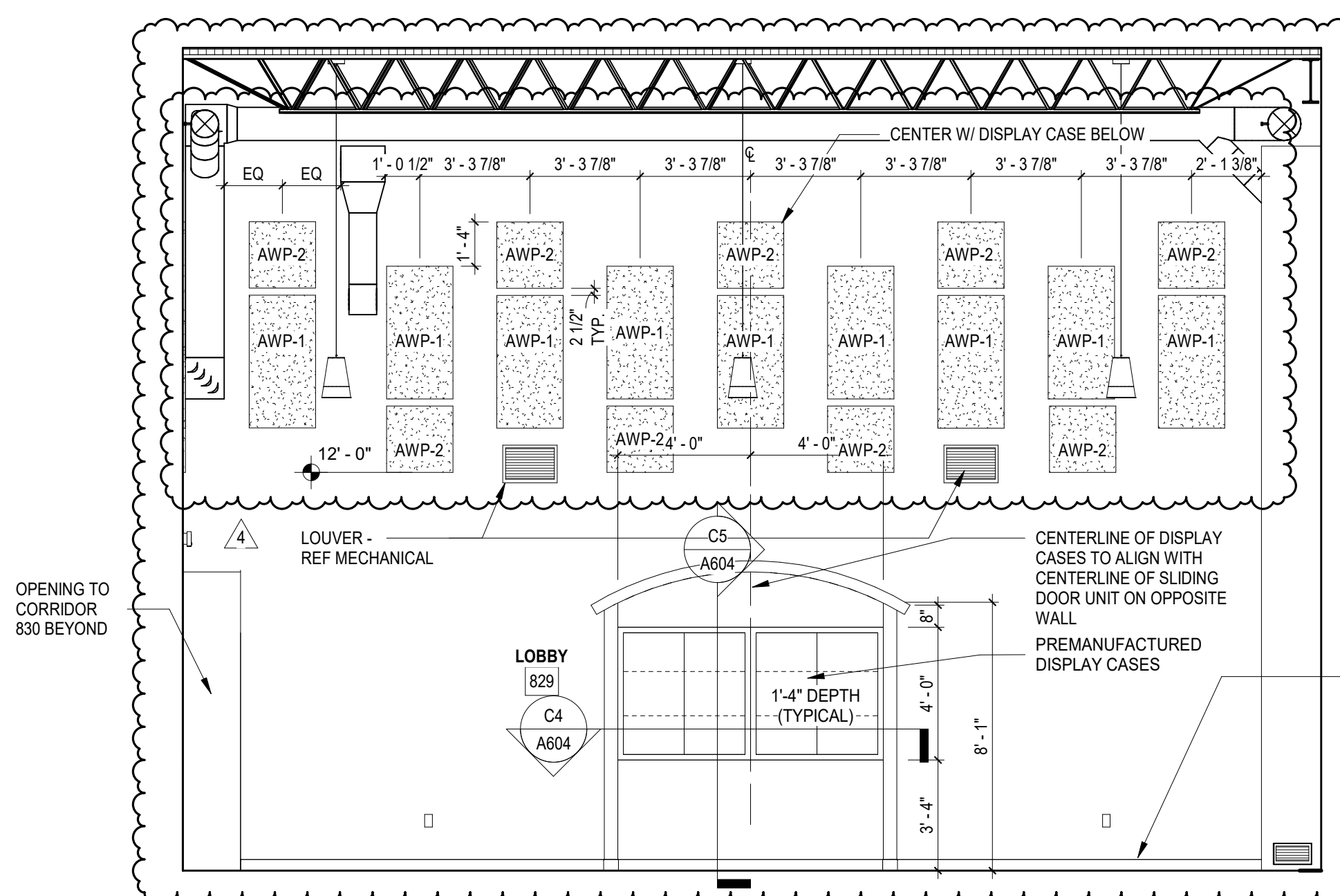
C2B LOBBY 829 - INTERIOR ELEVATION
1/4" = 1'-0"



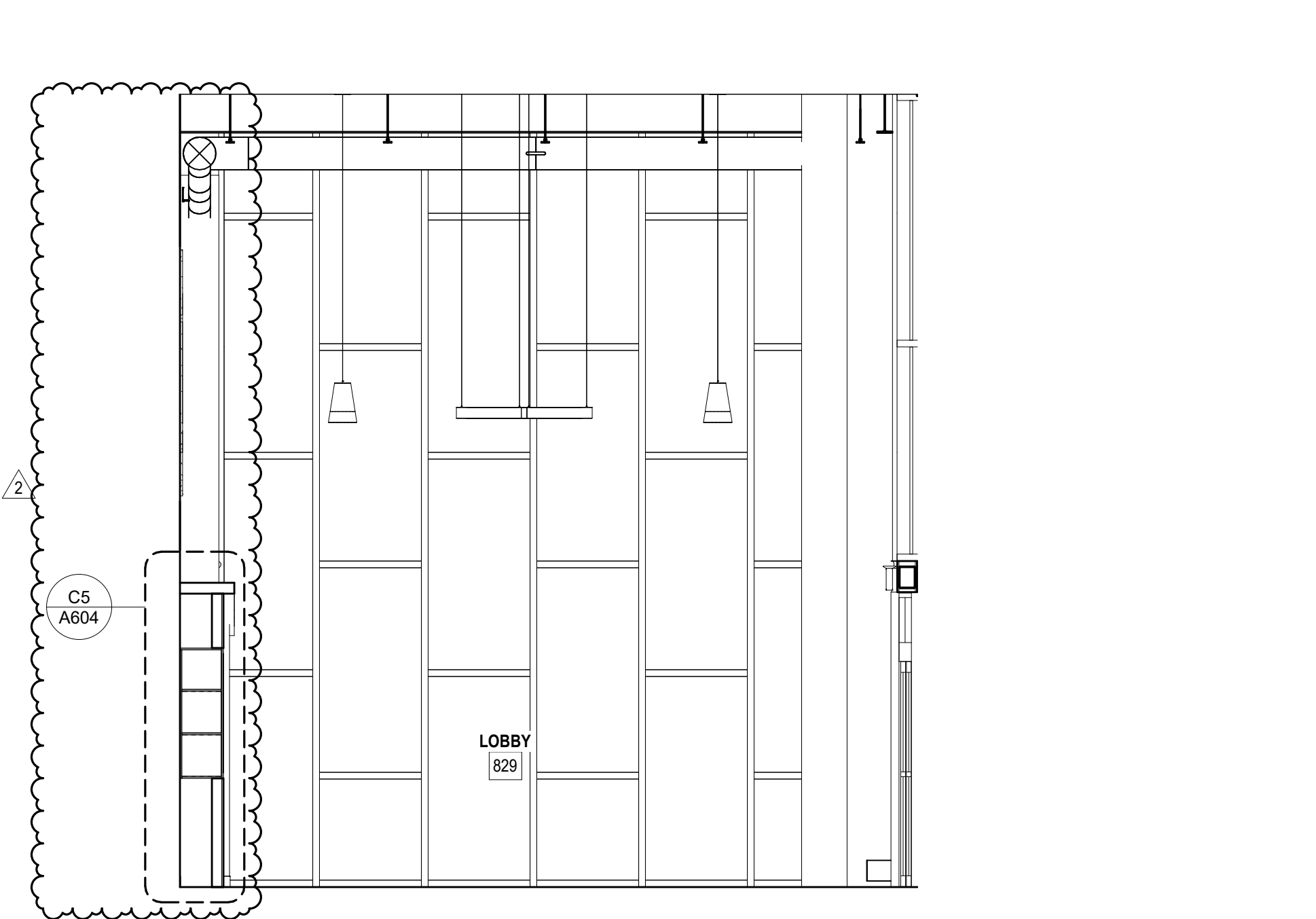
B2 EARLY CHILDHOOD CLASSROOM E250 - INTERIOR ELEVATION
1/4" = 1'-0"



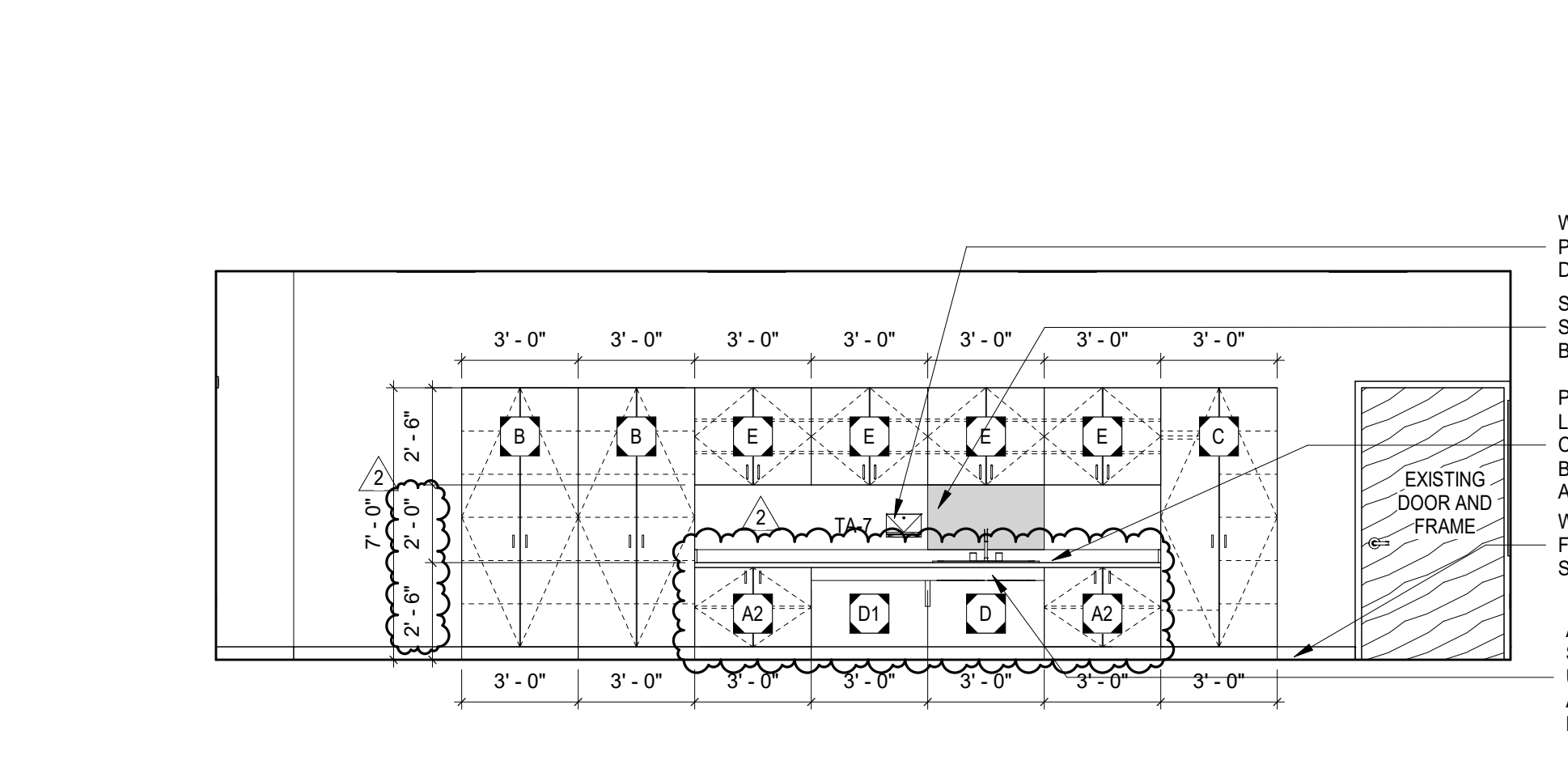
A3 CLASSROOM 410 - INTERIOR ELEVATION
1/4" = 1'-0"



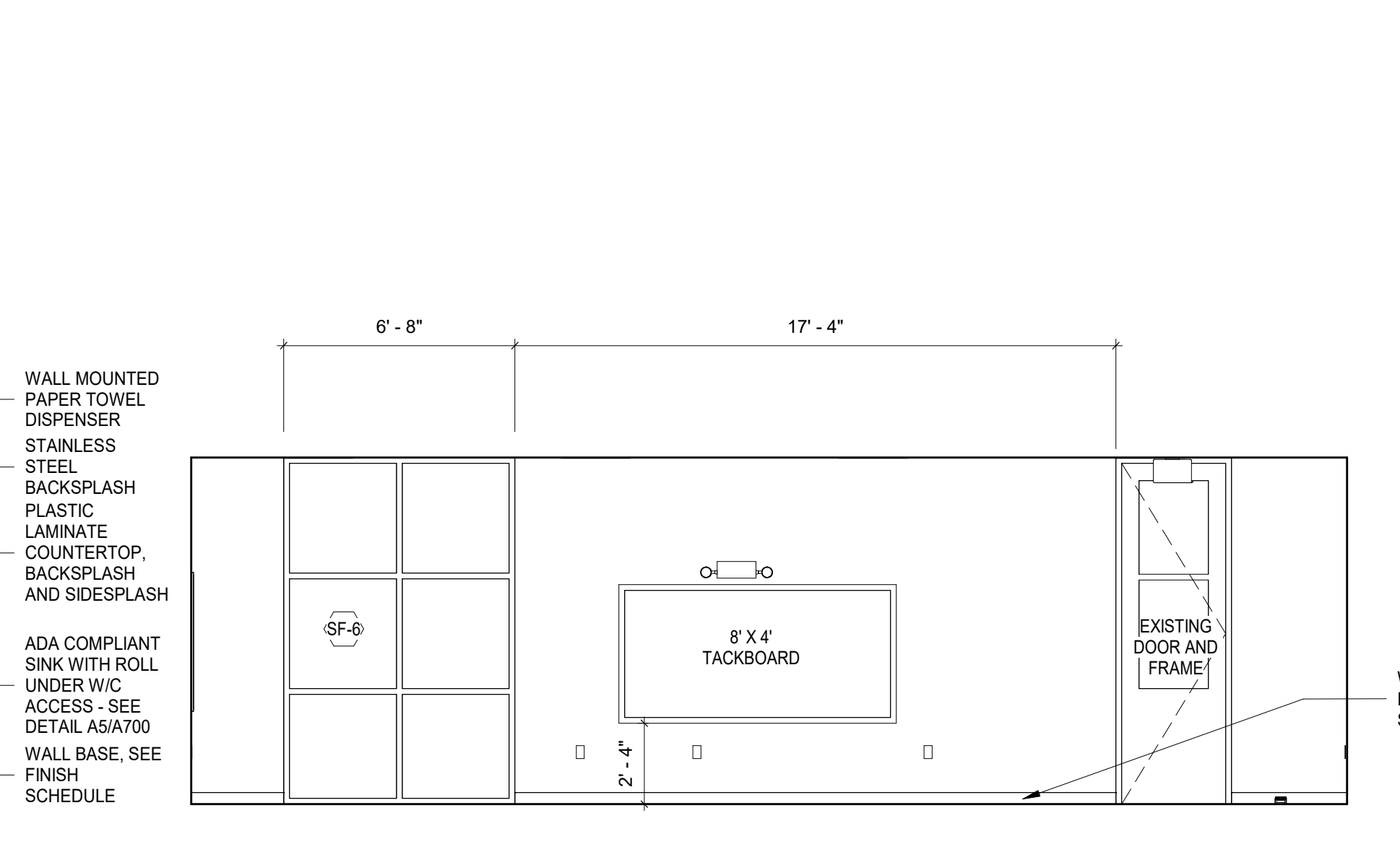
C4A LOBBY 829 - INTERIOR ELEVATION
1/4" = 1'-0"



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



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



A4B EARLY CHILDHOOD CLASSROOM E215 - INTERIOR ELEVATION
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

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	DLL
2	05/12/2021	Addendum No. 2	DLL
4	05/17/2021	Addendum No. 4	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

SHEET ISSUE:

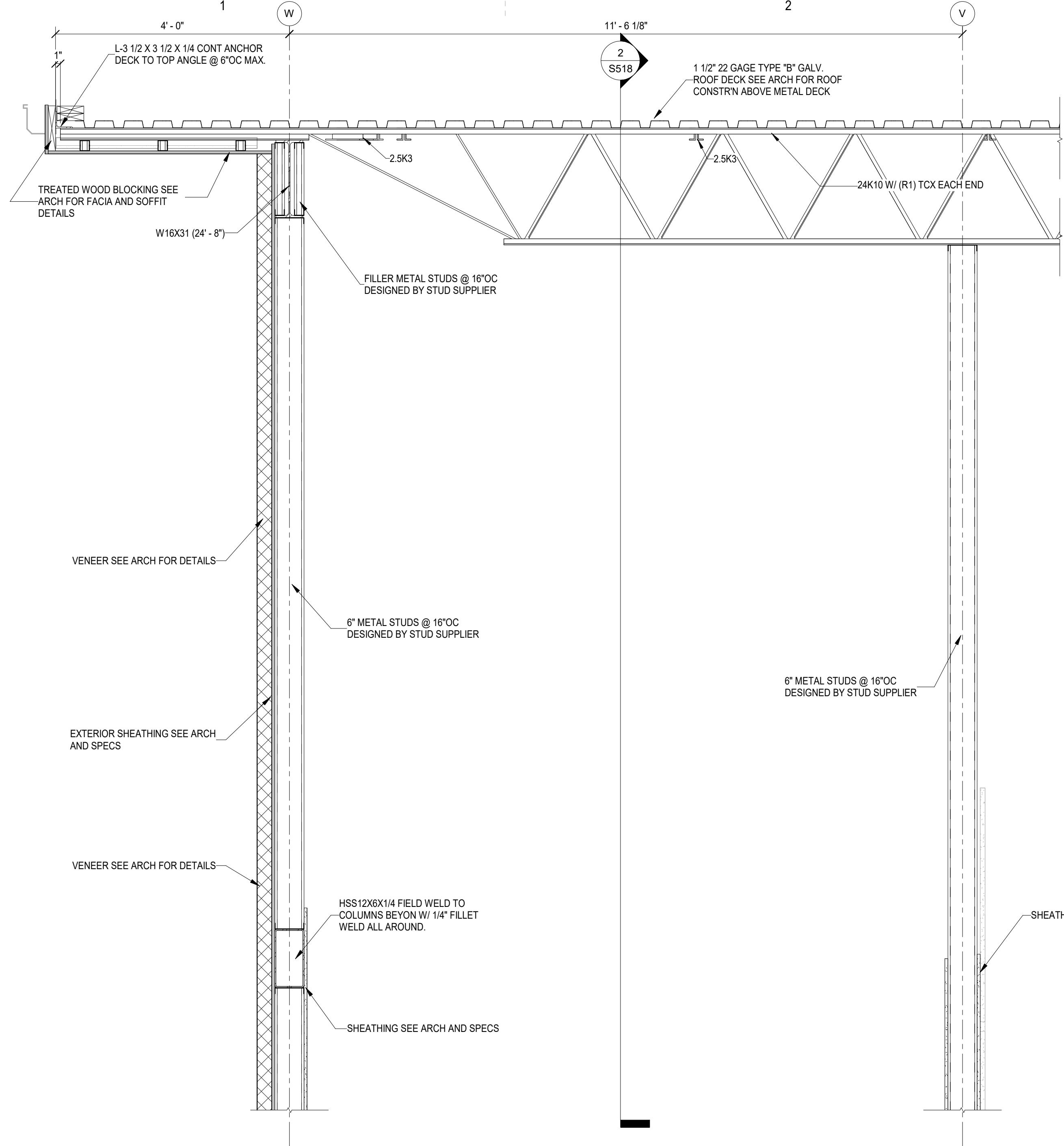
NO.	DATE	DESCRIPTION	BY
1	4.29.2021	Addendum No. 1	LWK
3	5.17.2021	Addendum No. 4	LWK

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

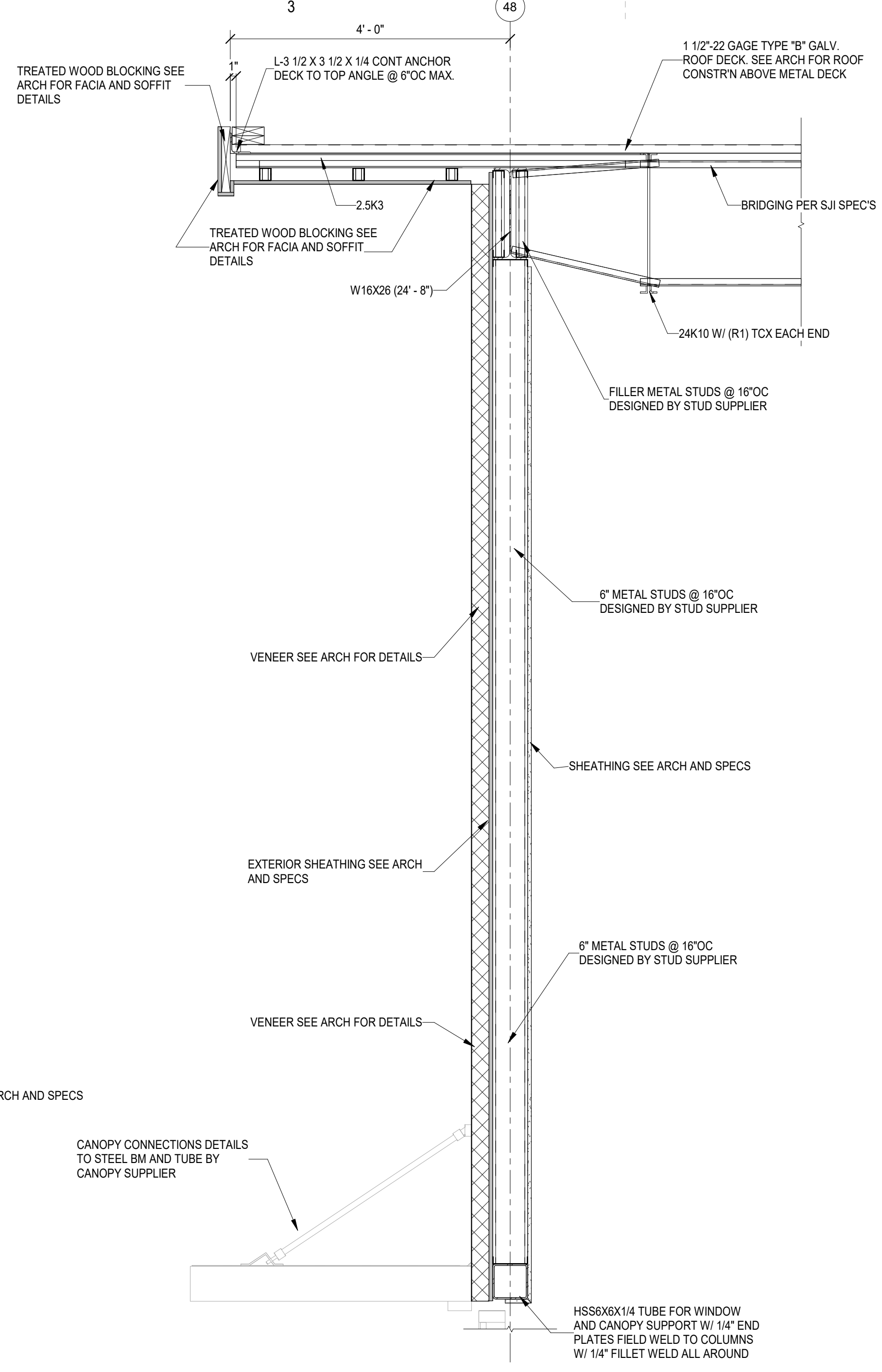
SHEET TITLE:
ROOF FRAMING SECTIONS

SHEET NO. PROJ. NO.
020063.00

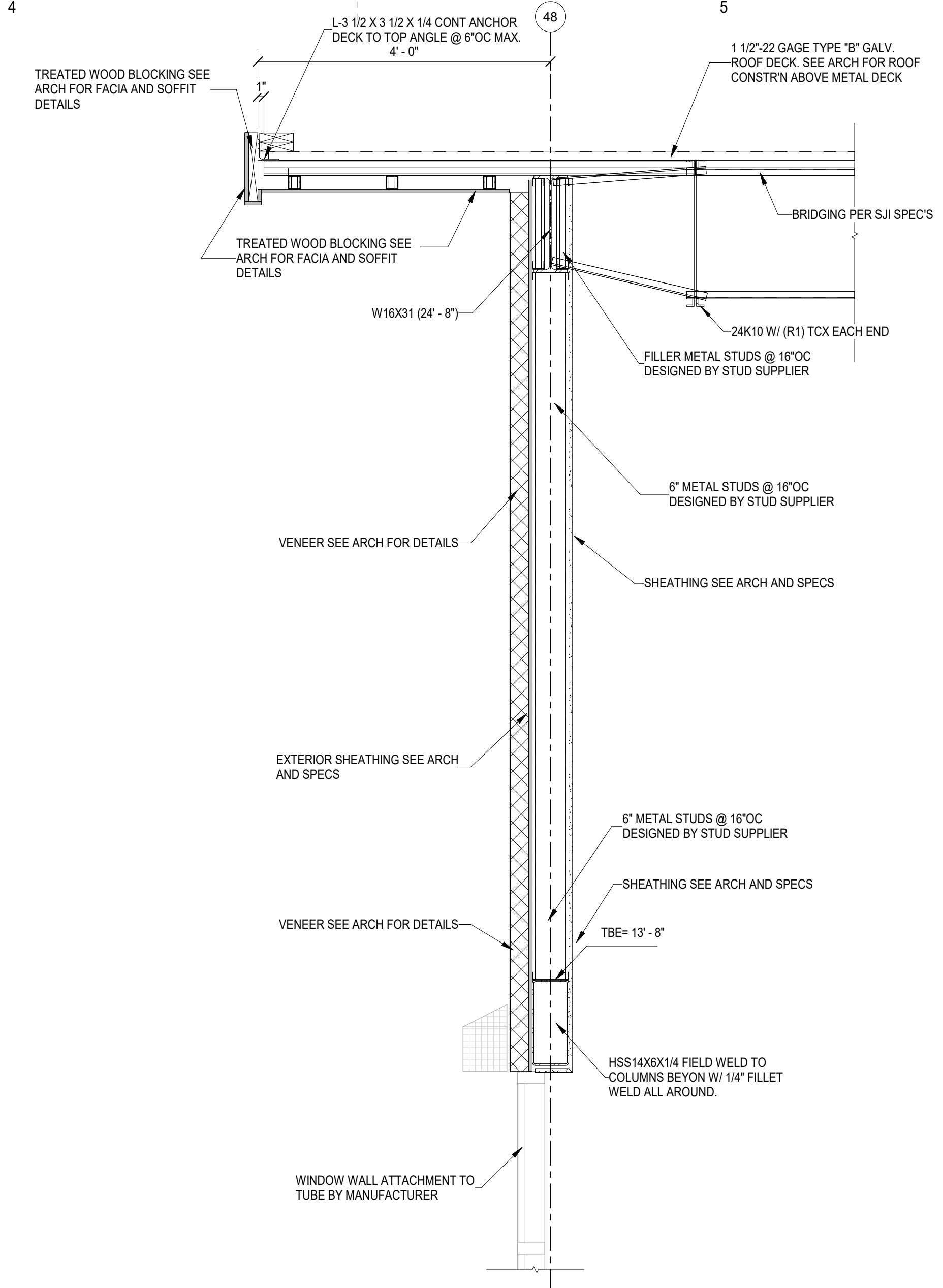
S518



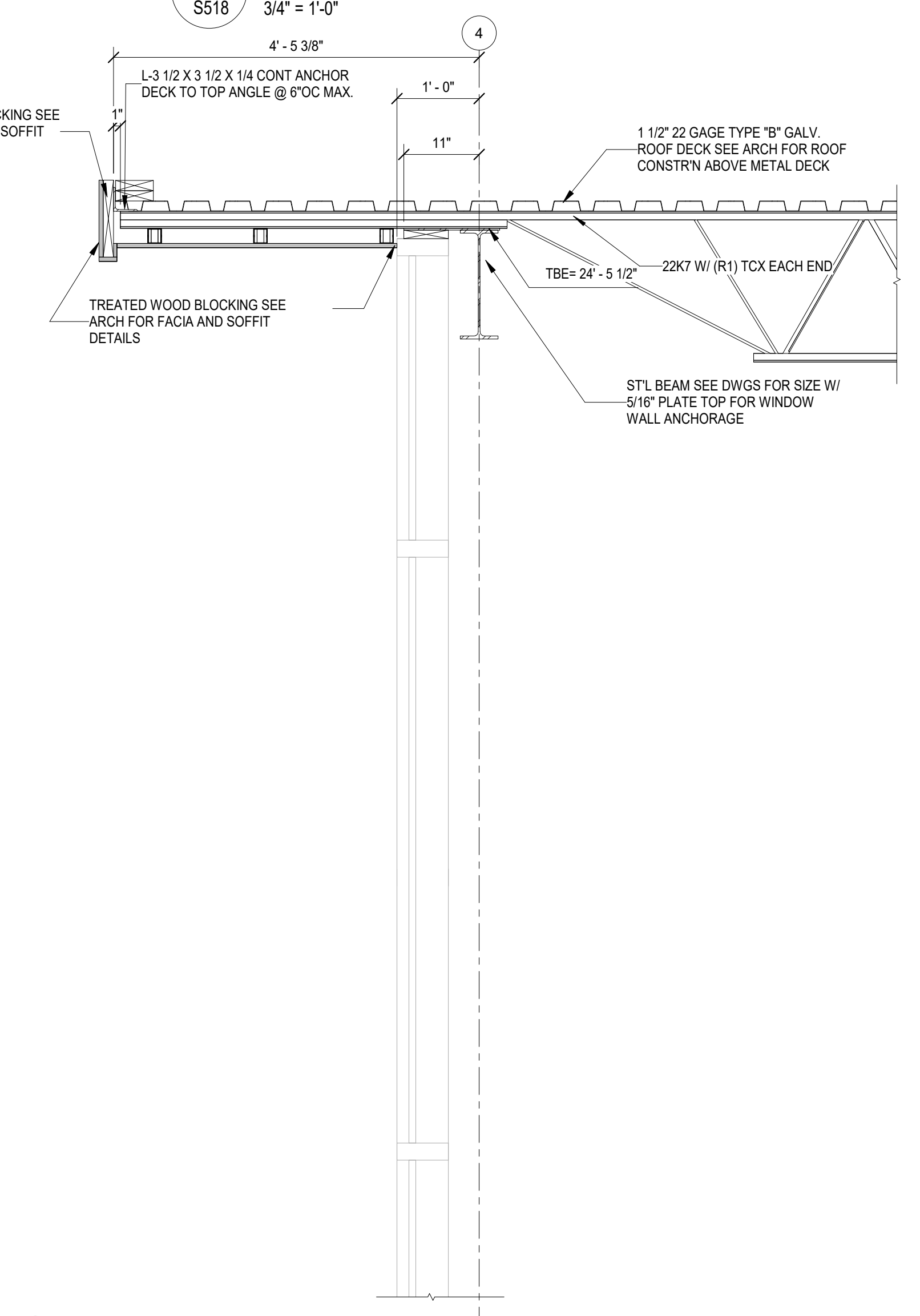
1 SECTION
S518 3/4" = 1'-0"



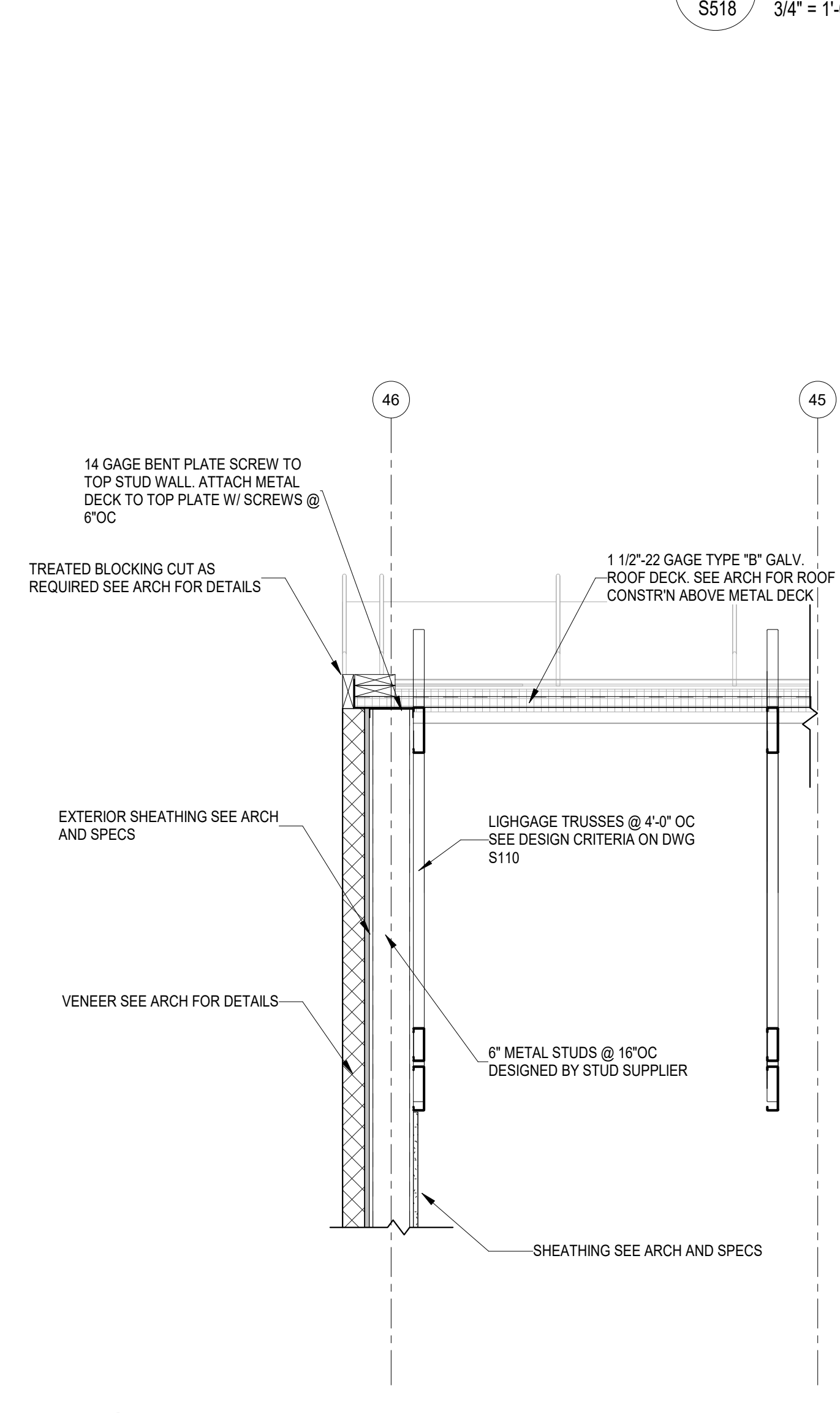
2 SECTION
S518 3/4" = 1'-0"



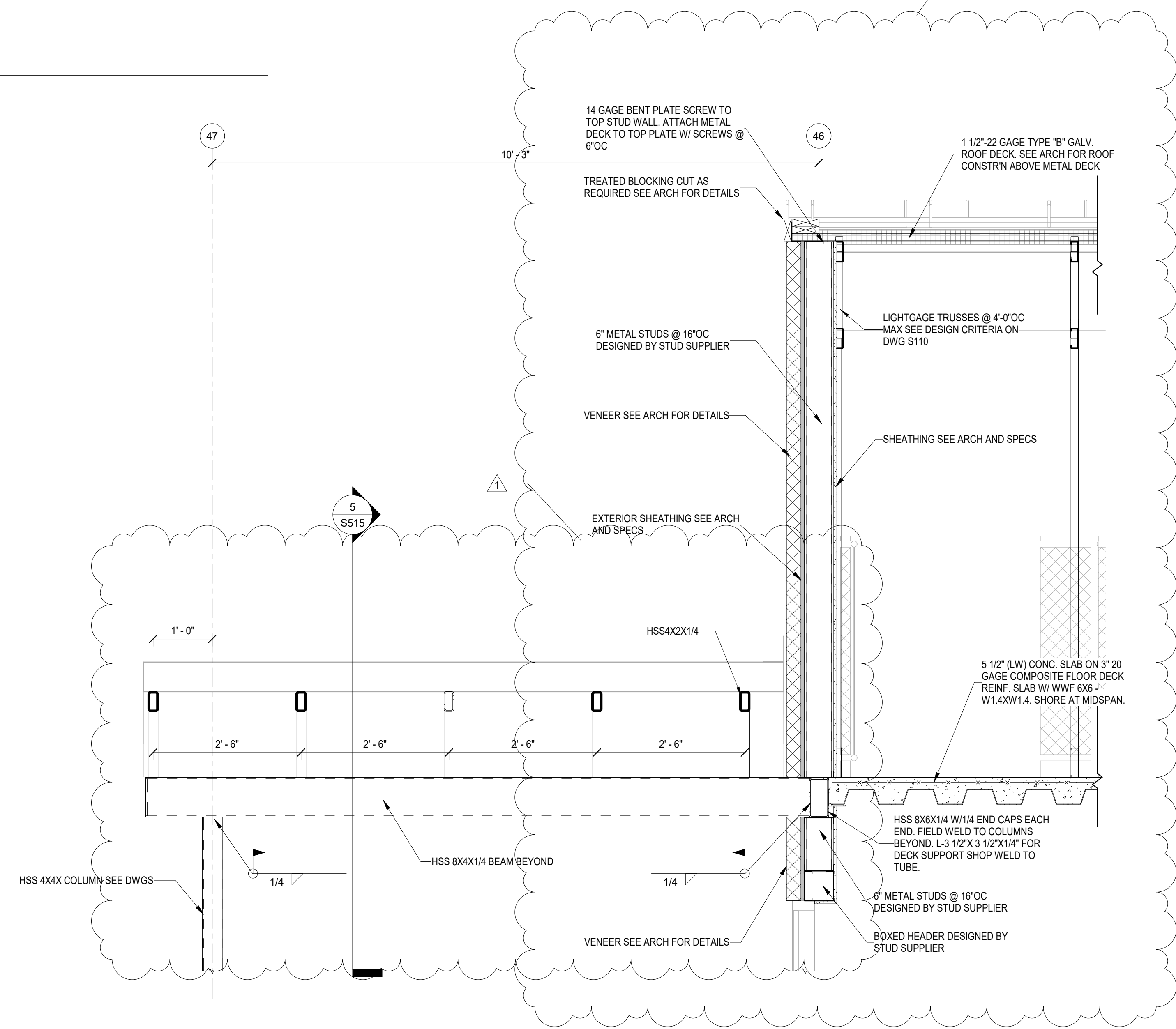
3 SECTION
S518 3/4" = 1'-0"



4 SECTION
S518 3/4" = 1'-0"

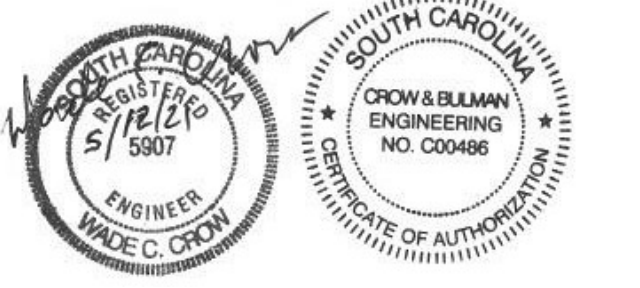


5 SECTION
S518 3/4" = 1'-0"



6 SECTION
S518 3/4" = 1'-0"

ALL DIMENSIONS, SPECIFICATIONS AND NOTES UNLESS OTHERWISE SPECIFIED ARE TO BE USED IN CONJUNCTION WITH THE PROJECT CONTRACT AND ALL OTHER PROJECT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.



SPARTANBURG COUNTY SCHOOL DISTRICT 7

ADDITION AND RENOVATIONS TO
THE MCCARTHY TESZLER SCHOOL

125 BURDETTE STREET
SPARTANBURG, SOUTH CAROLINA 29307

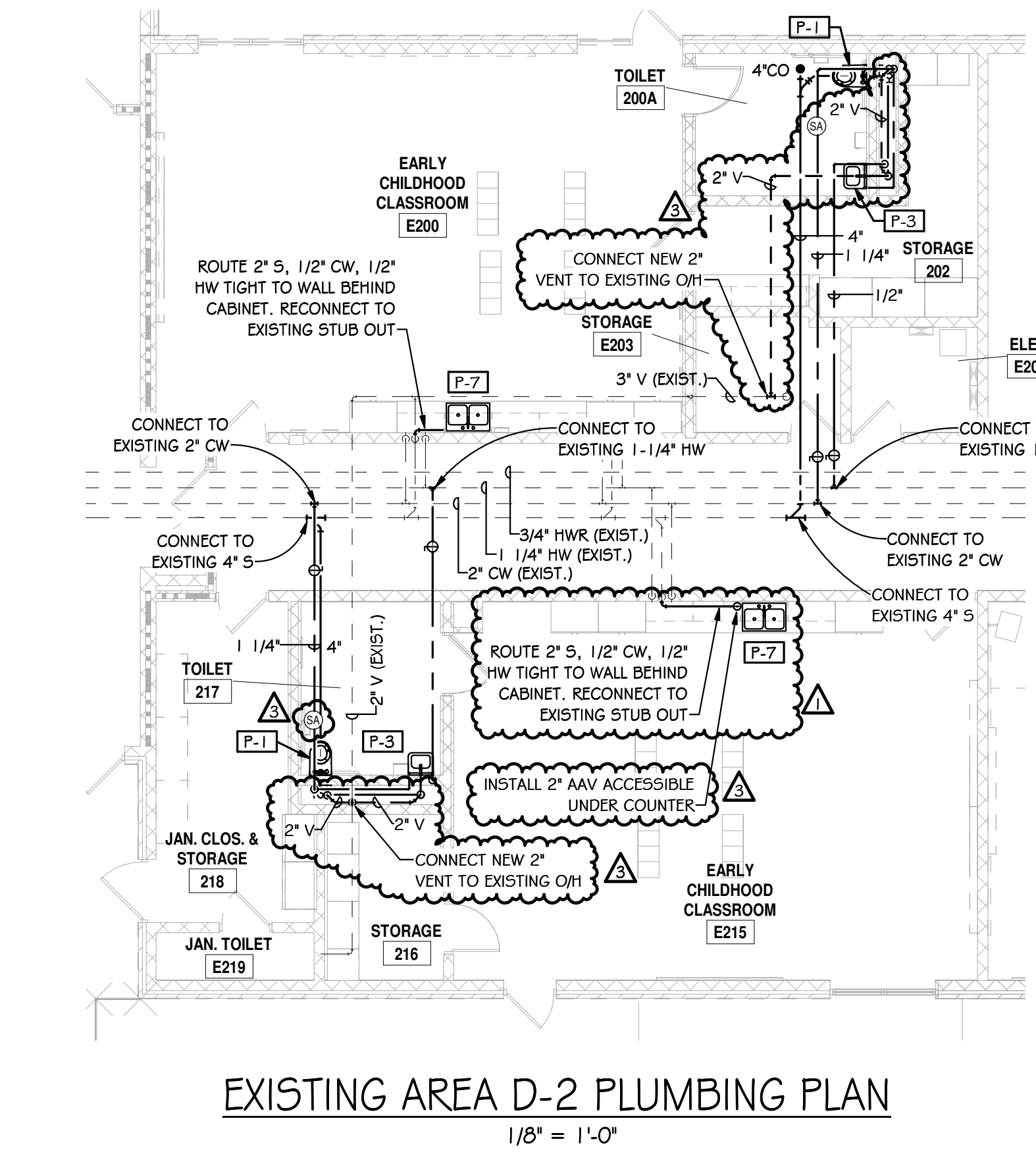
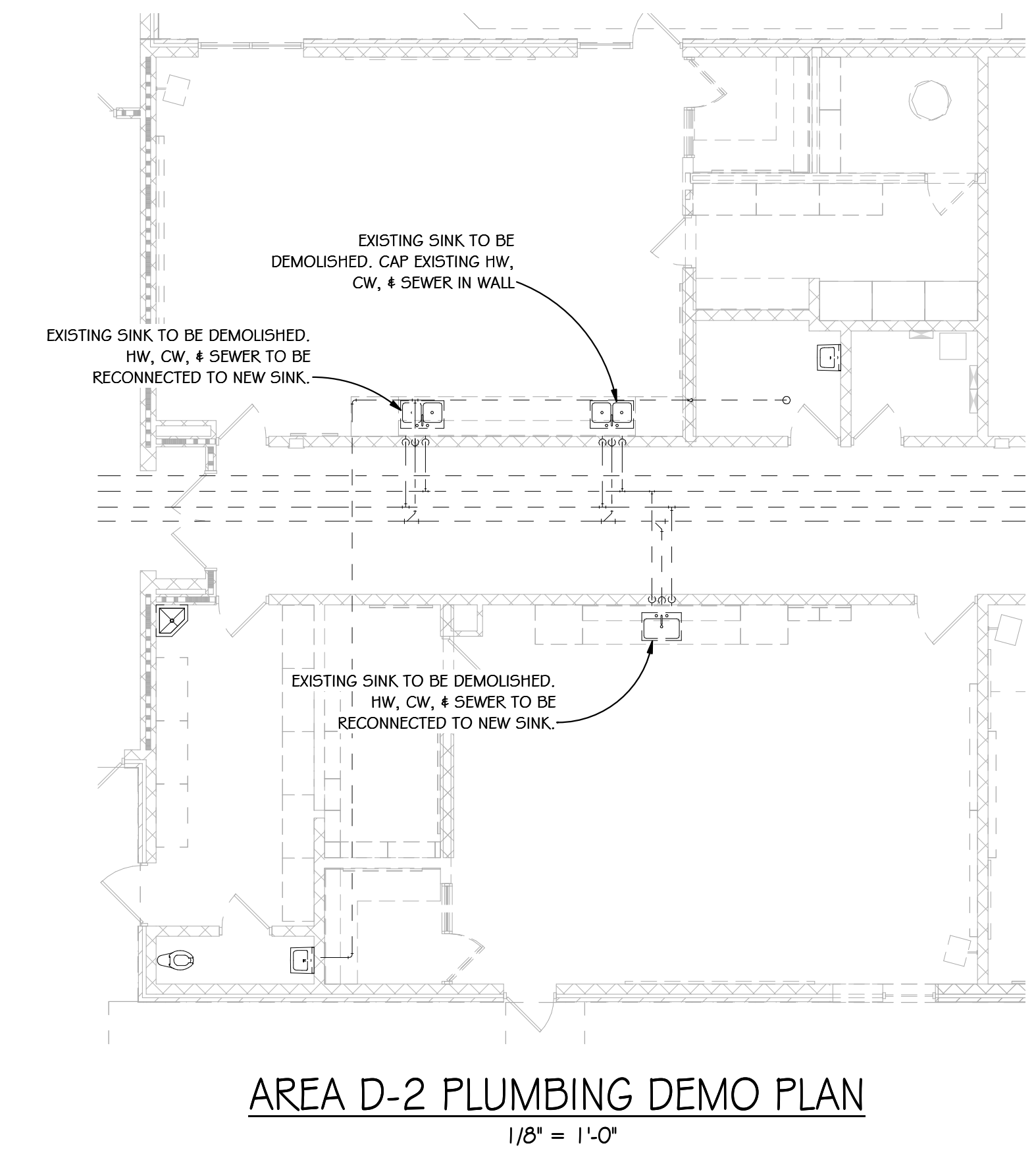
NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	WCC
3	05/14/2021	Addendum No. 3	WCC, STB, HFC
4	05/17/2021	Addendum No. 4	HFC

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

SHEET TITLE:
EXISTING PLUMBING
MODIFICATIONS & NEW
SEWER CAMERA TEST

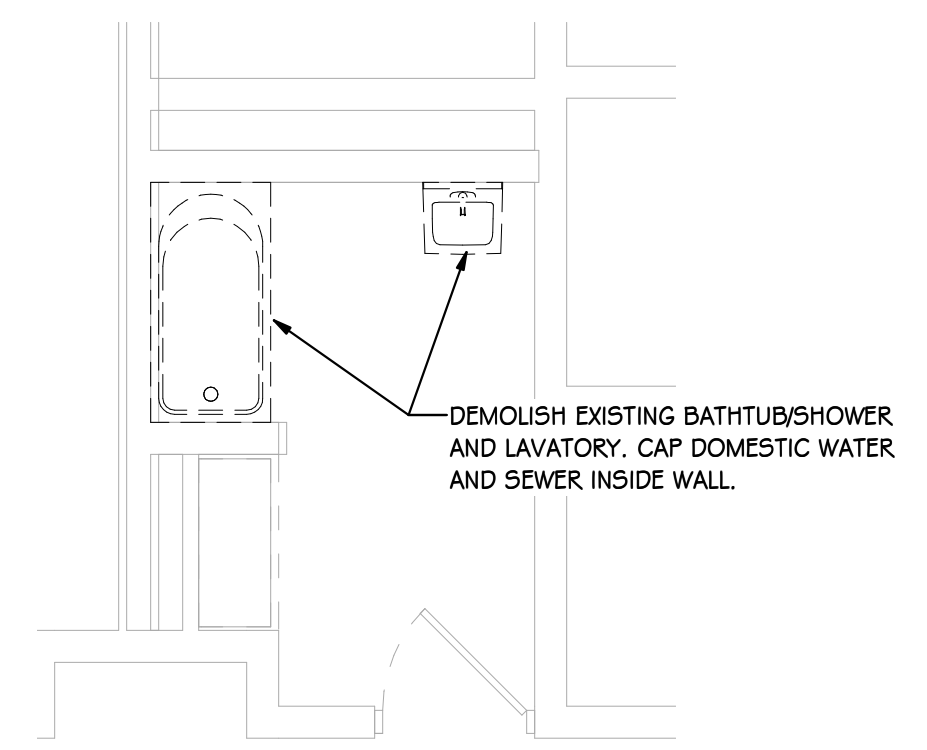
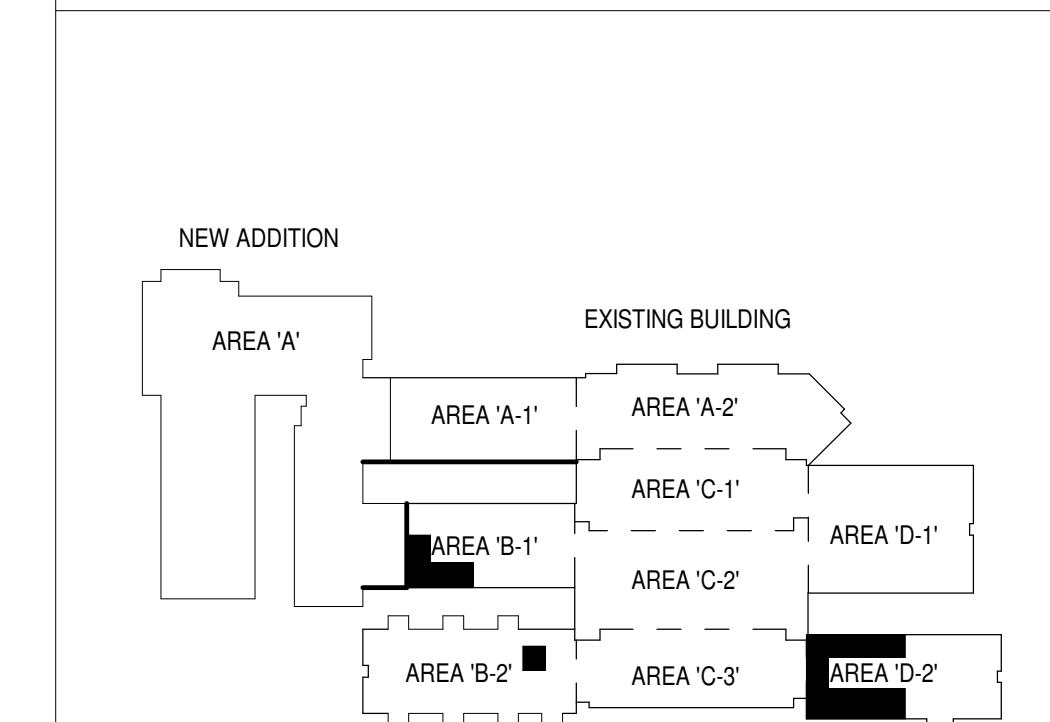
SHEET NO. PROJ. NO.
2022

P103

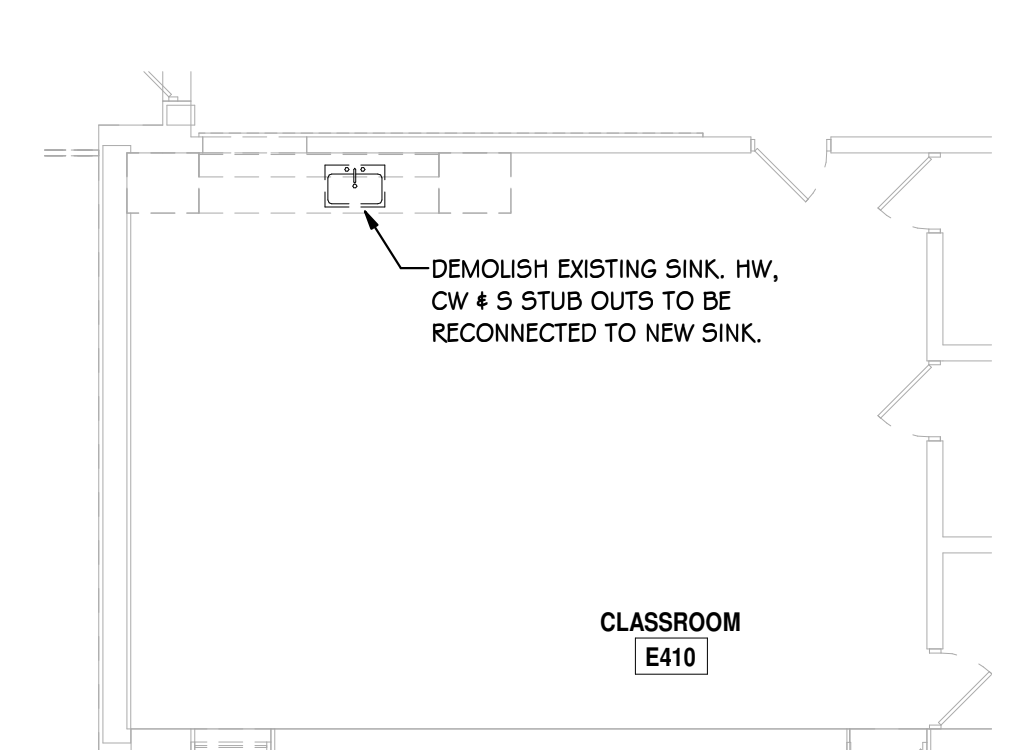


SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET P100.
2. ALL DOMESTIC WATER IS ROUTED OVERHEAD UNLESS INDICATED OTHERWISE. DOMESTIC WATER O/H IN CORRIDORS IS ROUTED BELOW THE MECHANICAL PLATFORM ABOVE THE CORRIDOR CEILING.

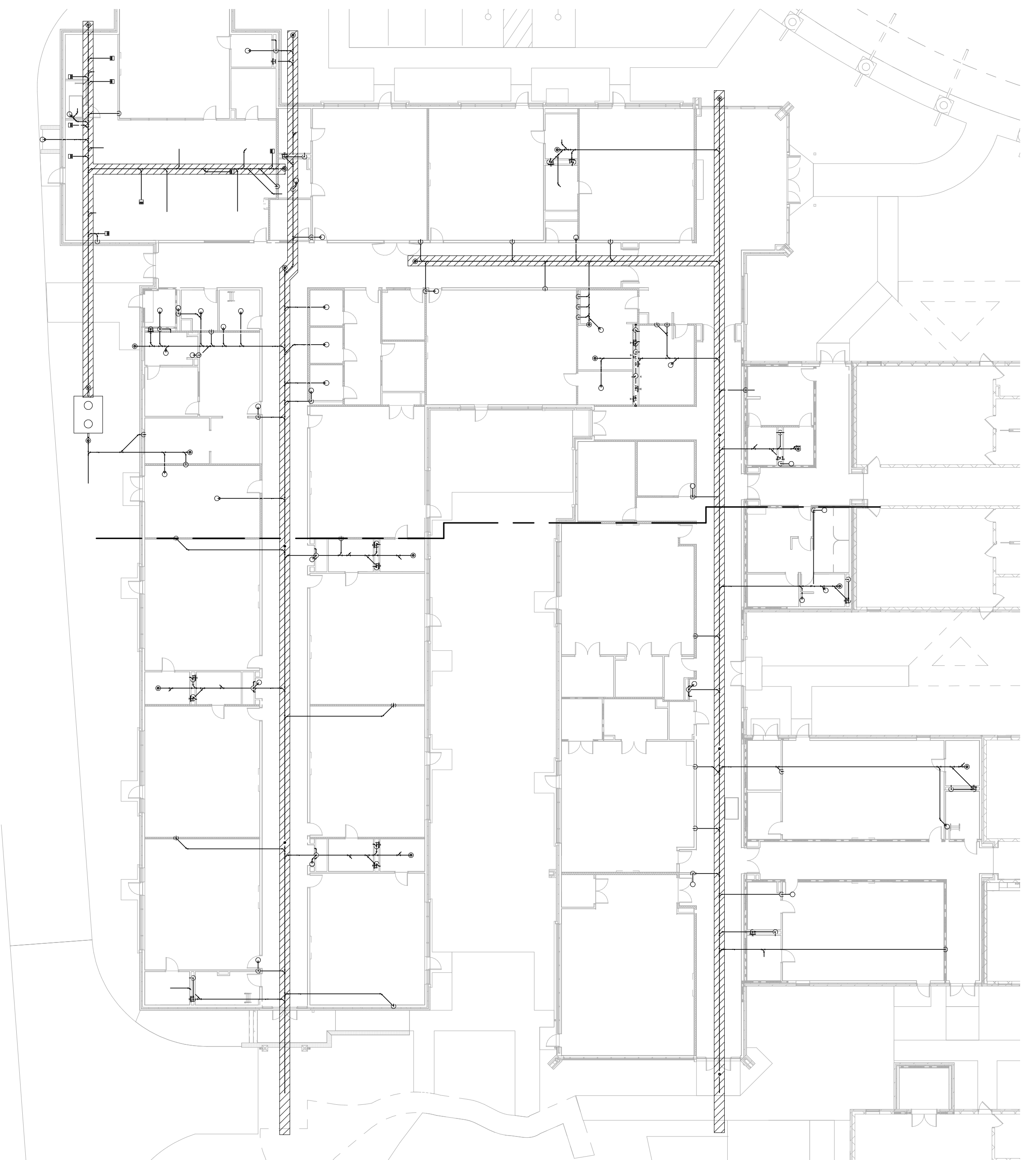
KEY PLAN



BATH/SHOWER E309 DEMO PLAN
1/4" = 1'-0"

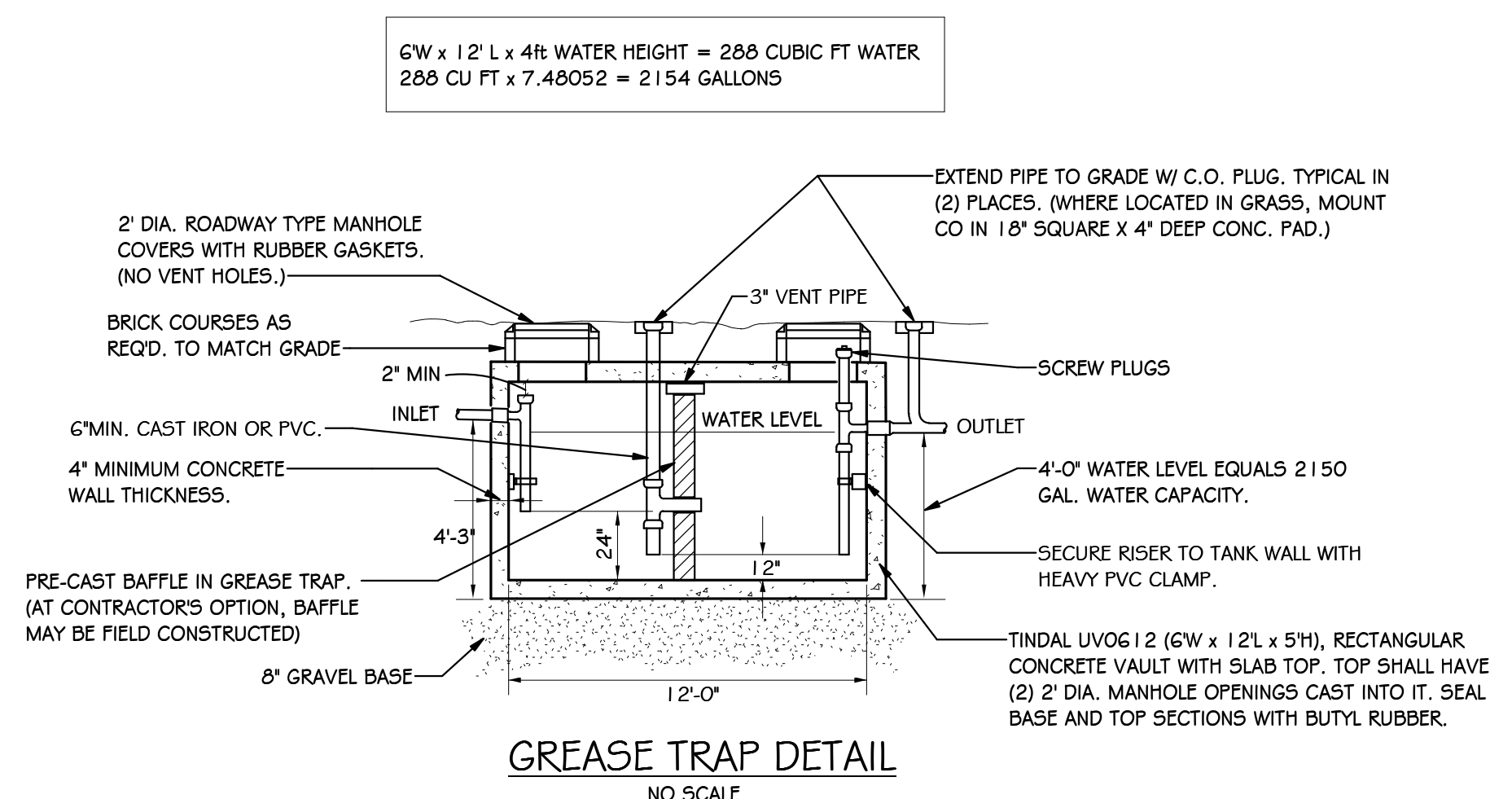
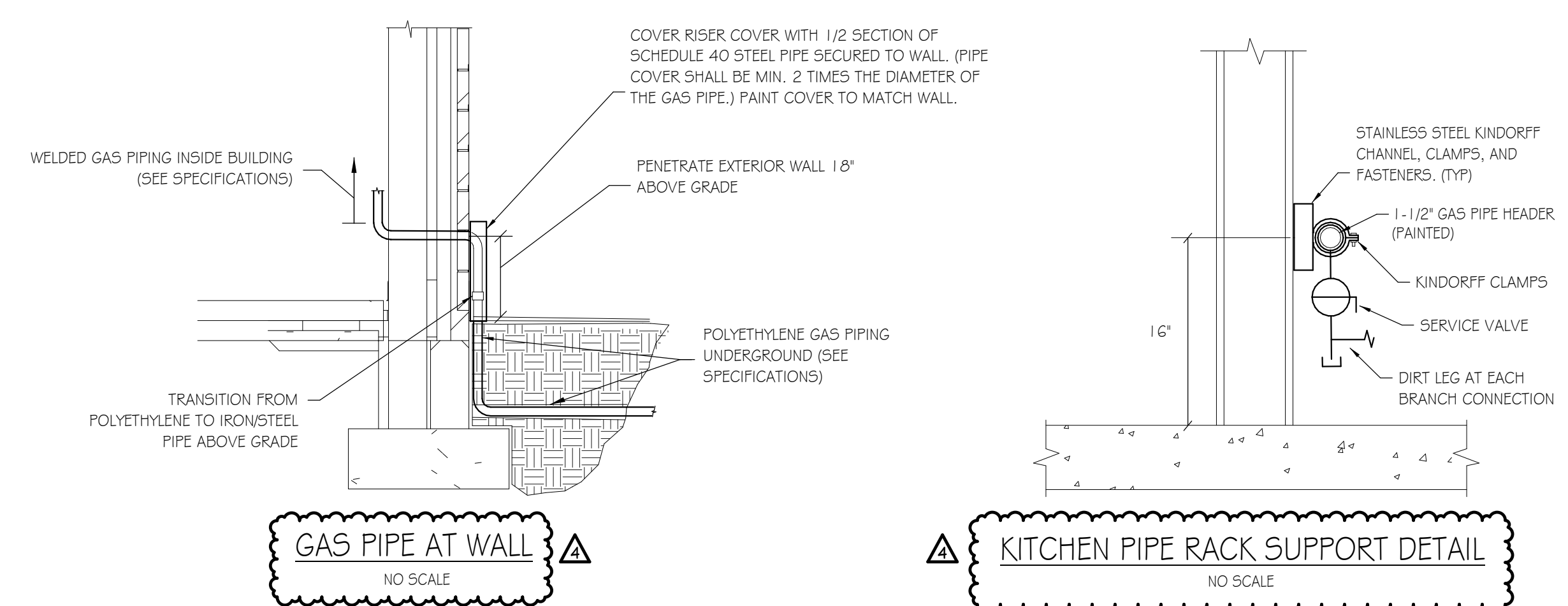
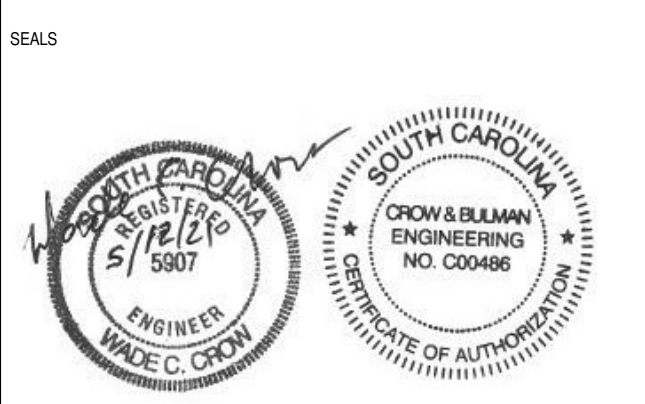


CLASSROOM E410 DEMO PLAN
1/8" = 1'-0"



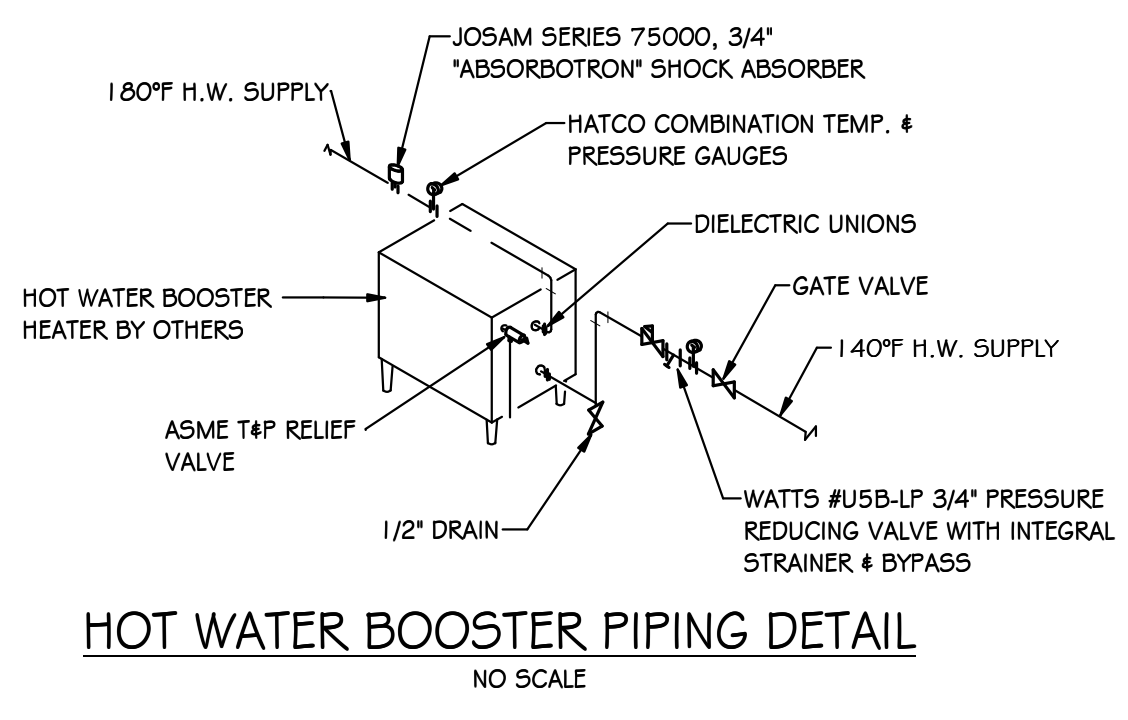
SEWER CAMERA TEST
1" = 20'-0"
(NOTE: HATCHED AREA INDICATES EXTENT OF SEWER VIDEO INSPECTION)

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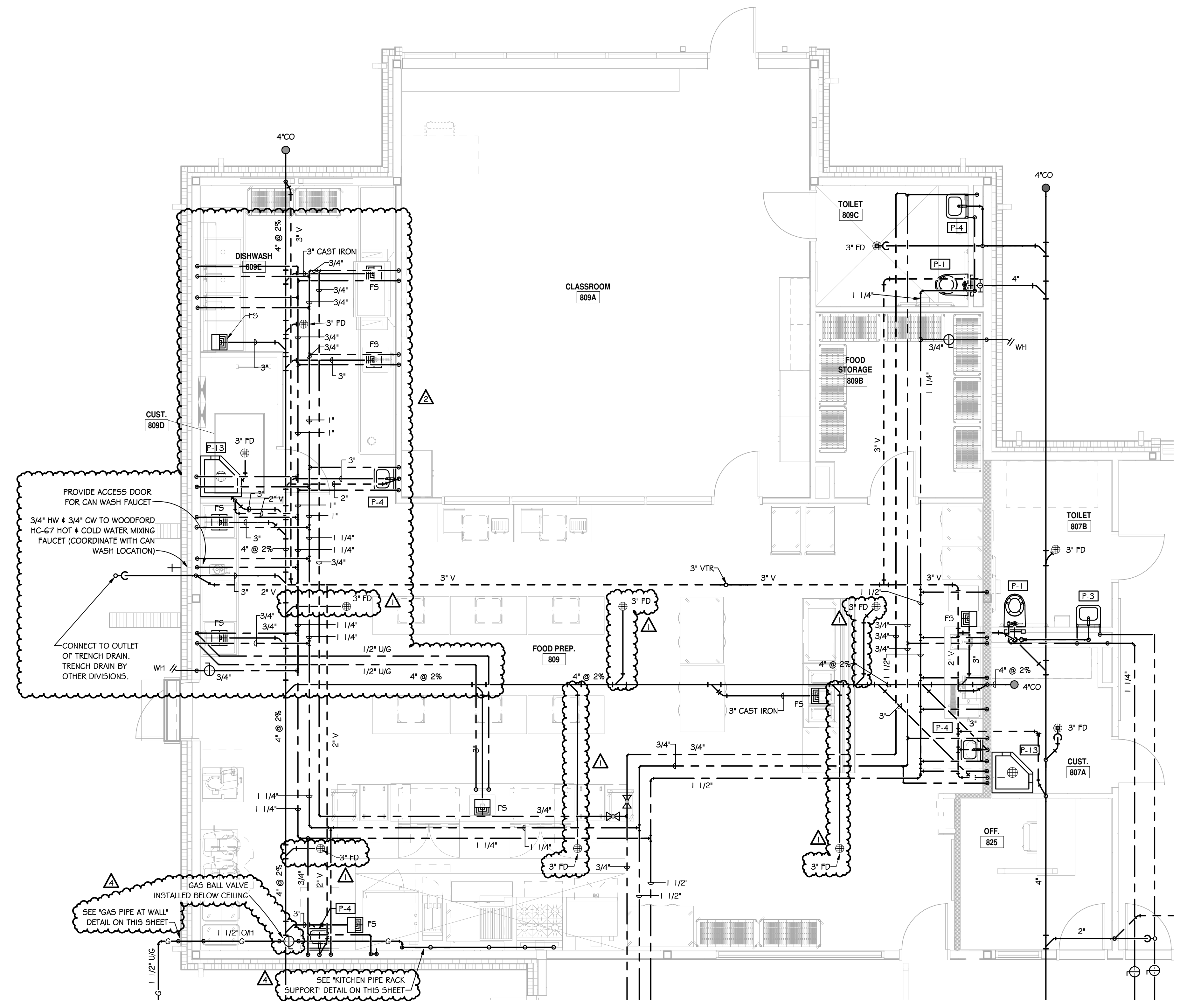
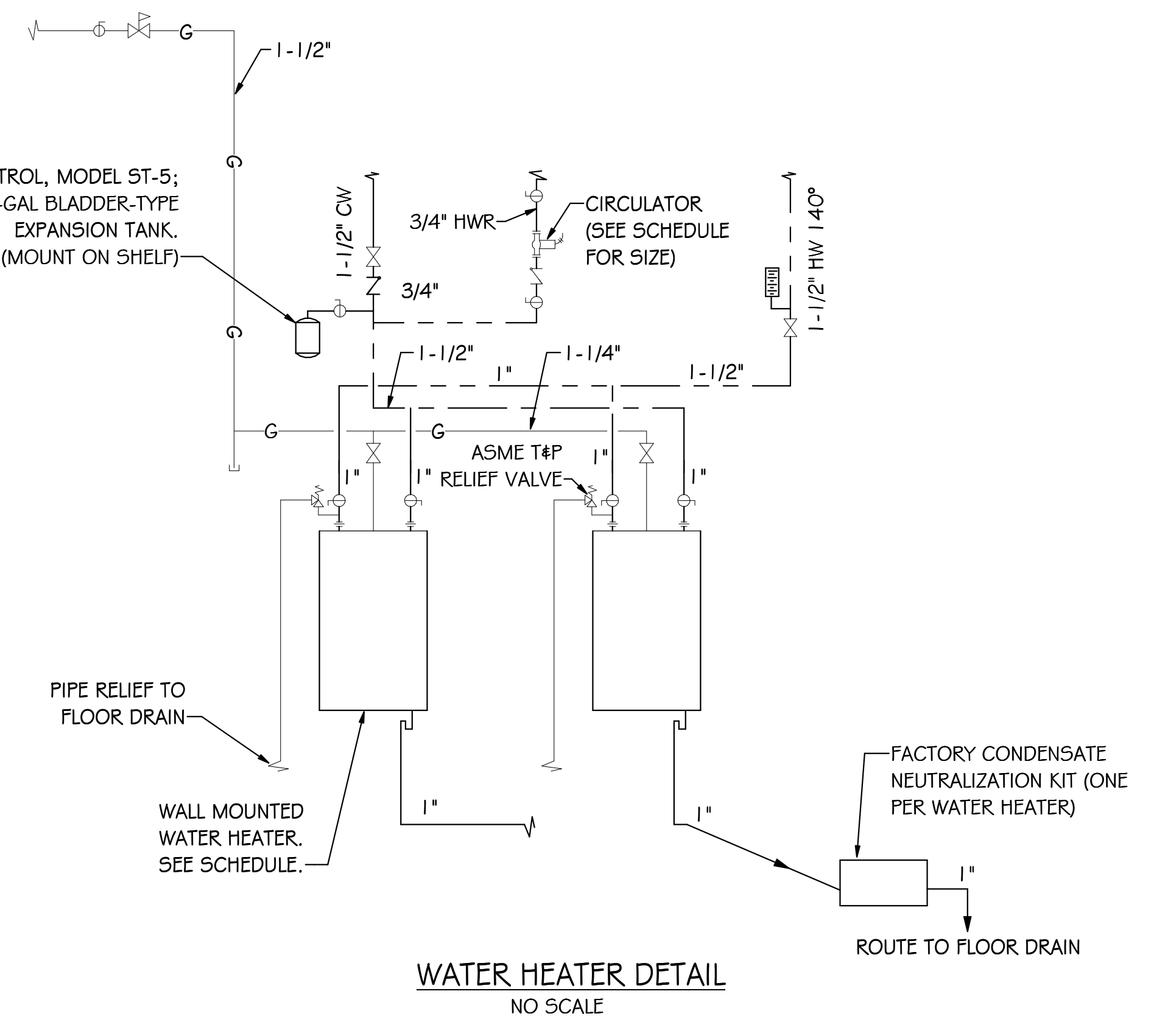


- NOTES:**
- 1) BAFFLE SHALL BE LOCATED 2/3 ON INLET SIDE AS FOR GREASE ACCUMULATION, 1/3 ON THE EXIT SIDE.
 - 2) THE DEPTH AND LENGTH DIMENSIONS SHOWN ARE FOR STANDARD PRECAST TANK. THE EXACT SIZE, TYPE, AND LOCATION OF EACH INTERCEPTOR SHALL BE APPROVED BY THE ENGINEER AND THE PLUMBING OFFICIAL.
 - 3) STANDARD PREFAB INTERCEPTORS MAY BE USED BY PRIOR APPROVAL.

(HOSE REEL
DETAIL DELETED)

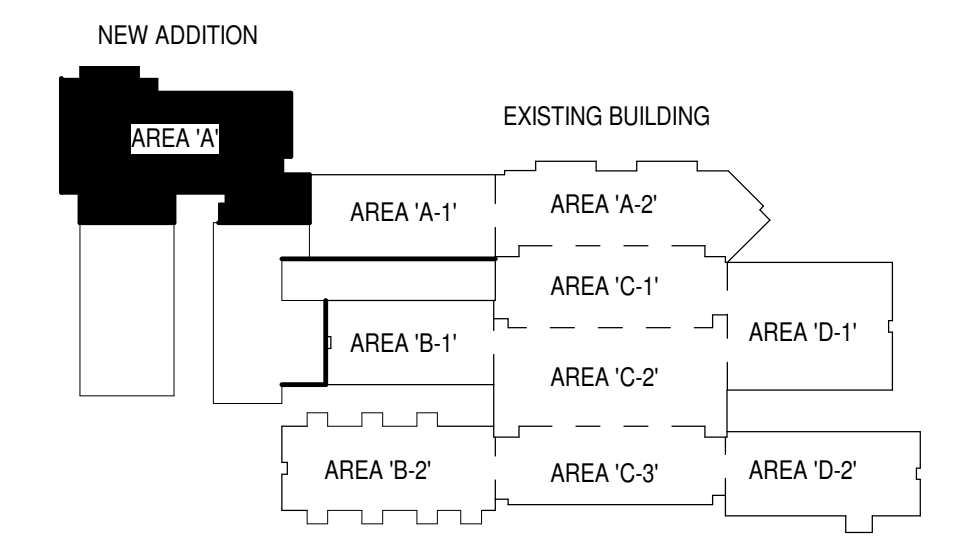


- SHEET NOTES:**
- 1) SEE GENERAL NOTES ON SHEET P100
 - 2) REFER TO KITCHEN EQUIPMENT PLANS FOR EXACT ROUGHING DIMENSIONS, DETAILS, SIZES, AND TYPE OF FLOOR SINKS & TOPS.
 - 3) PROVIDE A WATTS #7 DUAL CHECK BACKFLOW PREVENTER AT THE HOSE REEL, DISH MACHINE, AND ANY OTHER APPLIANCES WITH A SUBMERGED WATER INLET/DISCHG.
 - 4) PROVIDE A WATTS #9D BACKFLOW PREVENTER WITH ATMOSPHERIC VENT AT THE DISPOSAL, FOOD SCRAPER, PULPER, OR ANY OTHER APPLIANCES WHERE THE POTABLE WATER CONNECTION IS HARD CONNECTED INTO THE DRAIN BASIN.
 - 5) RUN ALL KITCHEN UNDERGROUND DRAIN AT 2% MIN. GRADE.
 - 6) PROVIDE A UL LISTED GAS SERVICE VALVE (BALL VALVE) AT EACH GAS APPLIANCE. PROVIDE FLEXIBLE COUPLINGS AND MAKE FINAL CONNECTIONS
 - 7) PROVIDE FLEXIBLE COUPLINGS AND BALL VALVES AT HOT AND COLD WATER CONNECTIONS FOR APPLIANCES UNDER HOODS.
 - 8) PROVIDE RESTRAINING CABLES AND LATCHES FOR APPLIANCES ON CASTERS.
 - 9) ALL FIXTURE BRANCH WATER LINES 1/2" UNLESS NOTES OTHERWISE.



FOOD PREP 106 ENLARGED PLUMBING PLAN
1/4" = 1'-0"

KEY PLAN



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	
4	05/17/2021	Addendum No. 4	

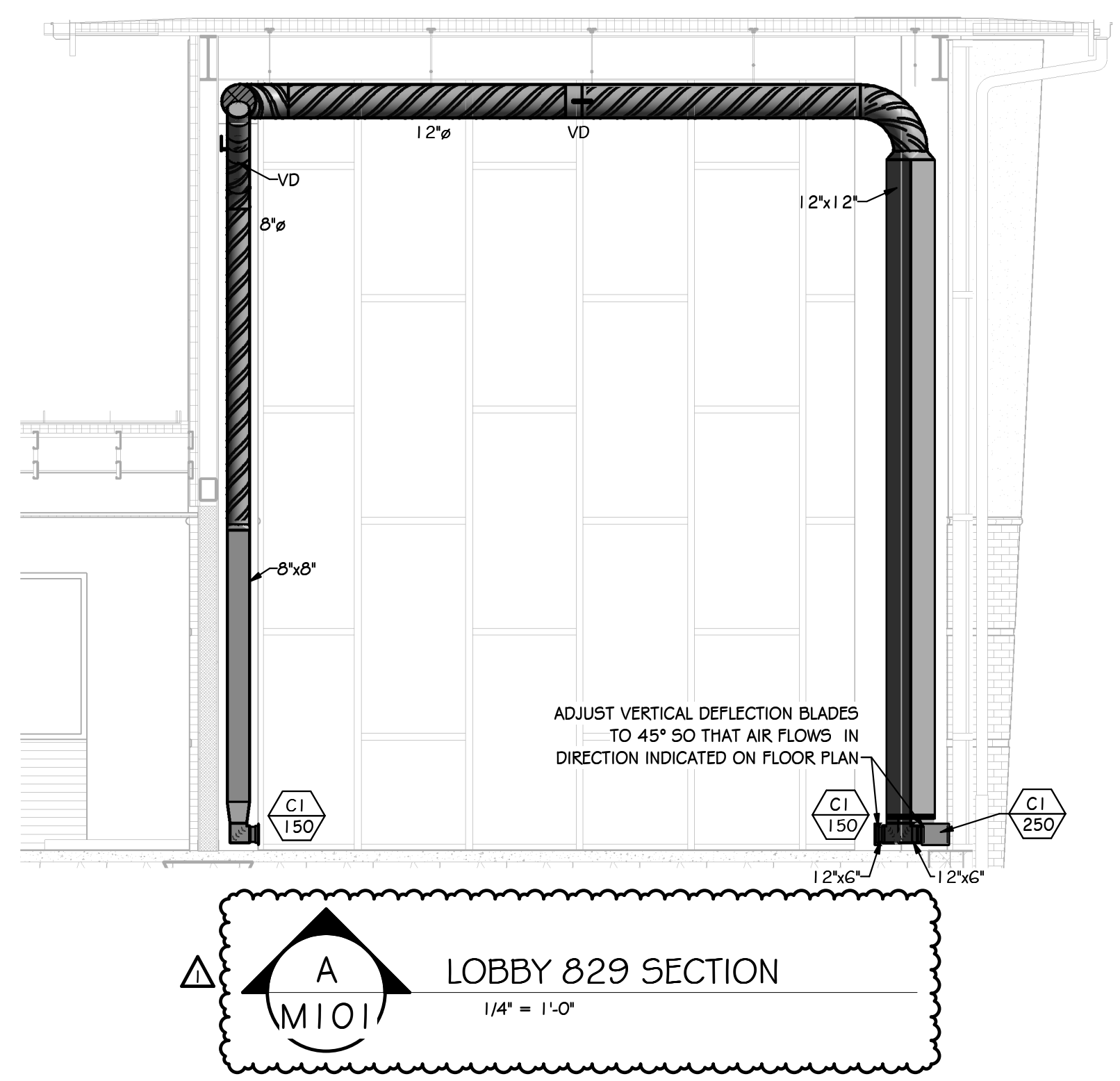
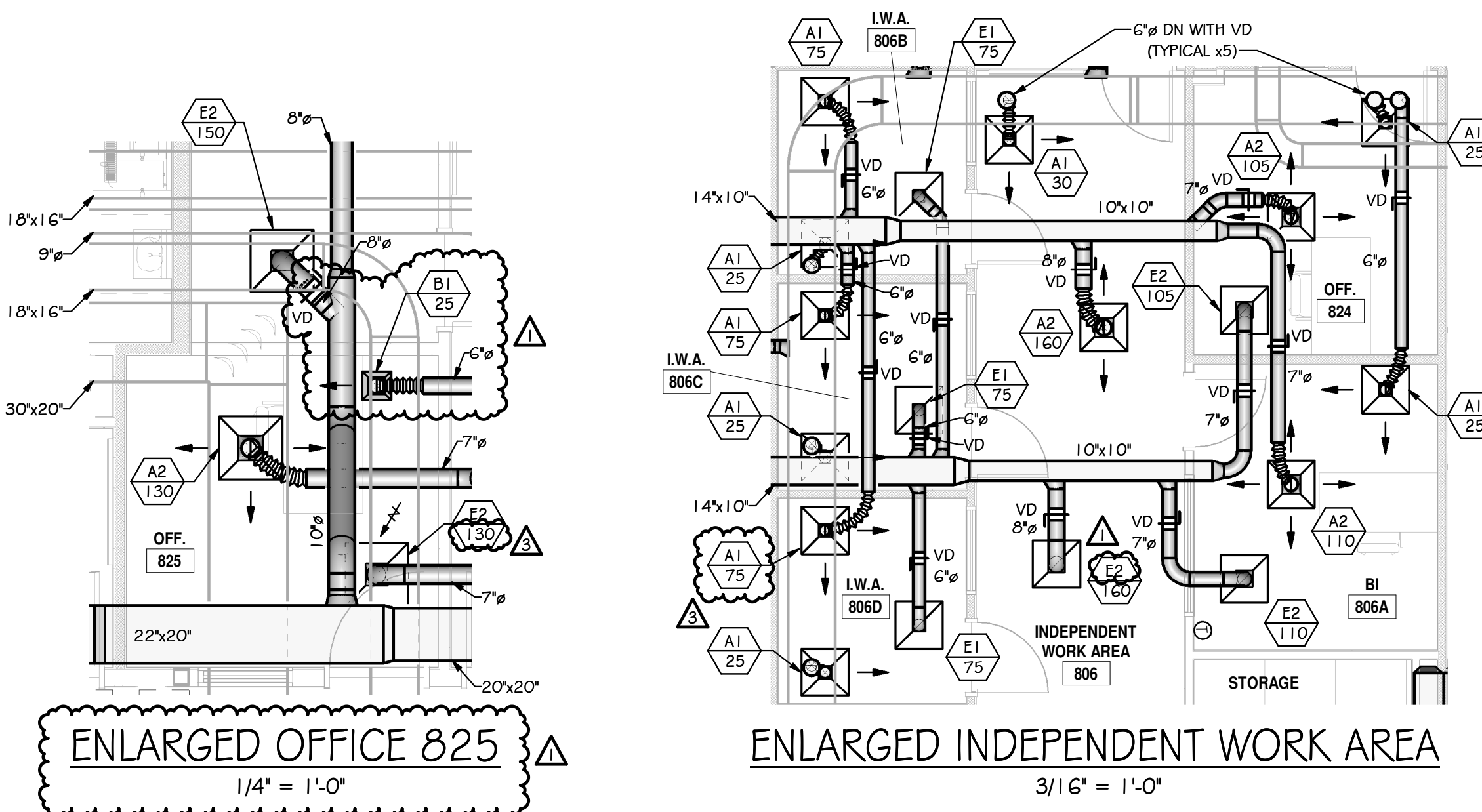
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WBC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
**FOOD PREP PLUMBING
PLAN**

SHEET NO. PROJ. NO.
2022

P200

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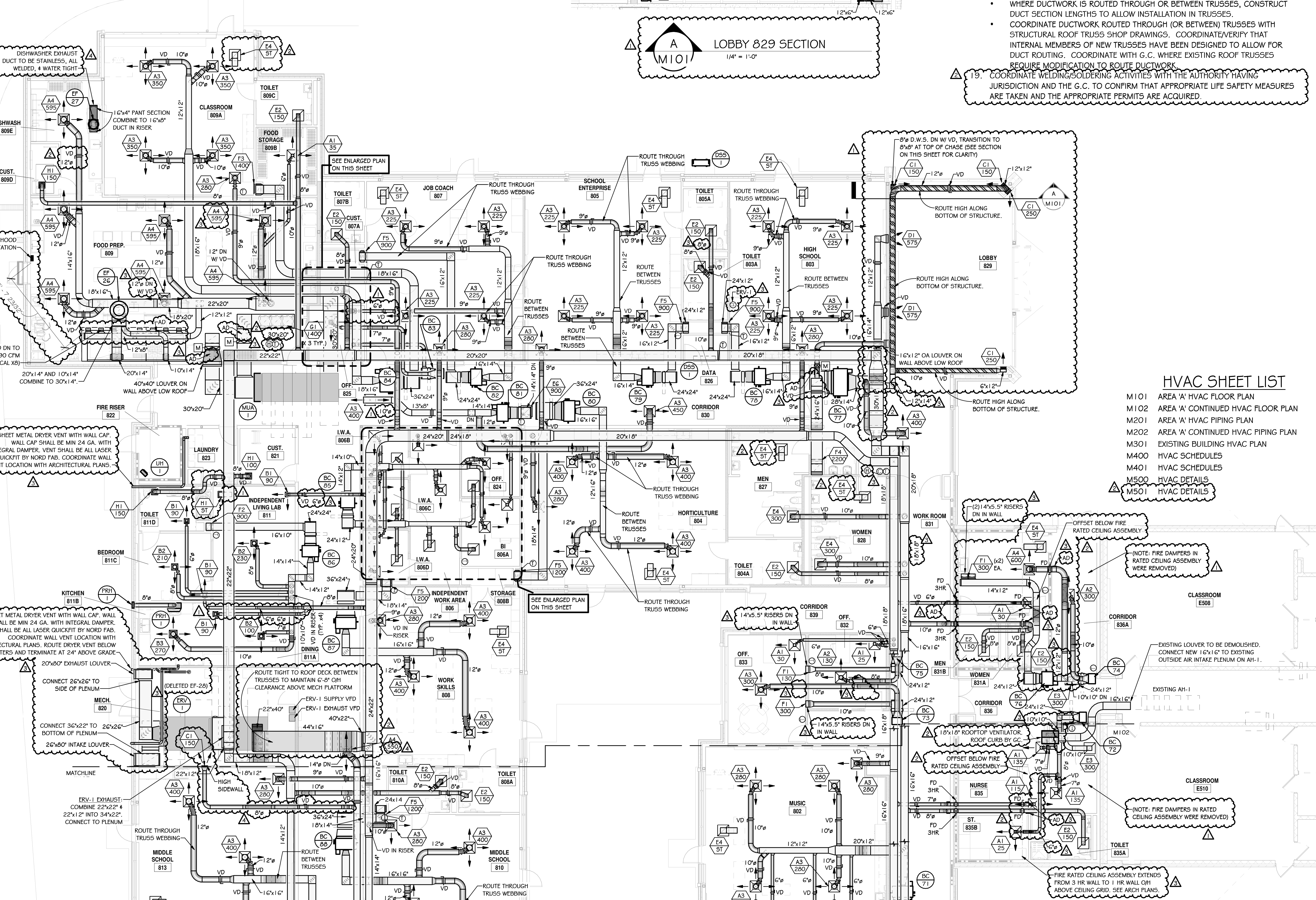


GENERAL NOTES:

- 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 IN THE BLIND FLANGE. (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:

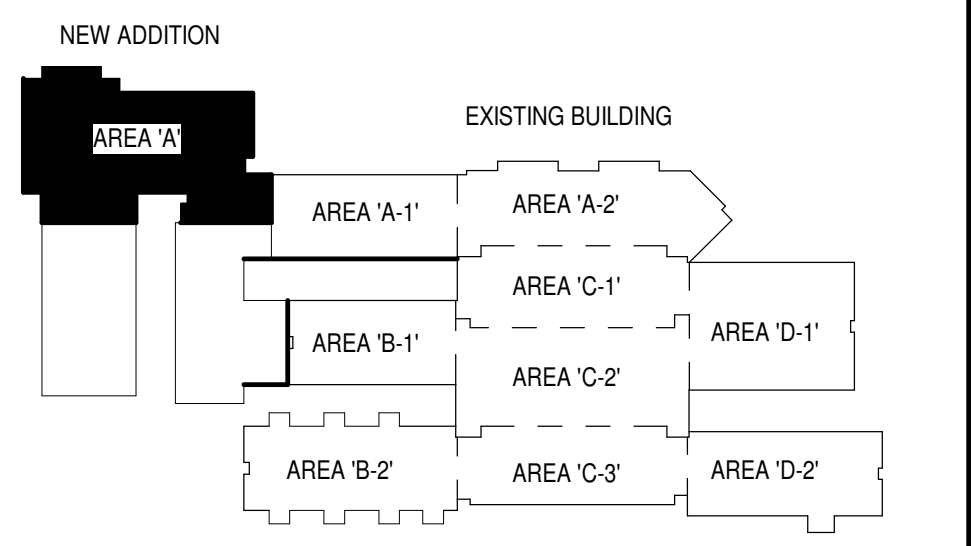
- CWS- CHILLED WATER SUPPLY
- CWR- CHILLED WATER RETURN
- CHS- CHILLER SUPPLY
- CHR- CHILLER RETURN
- CDS- CONDENSER SUPPLY
- CDR- CONDENSER RETURN
- HWS- HOT WATER SUPPLY
- HWR- HOT WATER RETURN
- D- DRAIN
- G- GAS
- GV- GATE VALVE
- CV- CHECK VALVE
- GV- GLOBE VALVE
- BV- BALL VALVE (2" AND SMALLER)
- 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
- S- 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
- DPS- DIFFERENTIAL PRESS. SENSOR
- SPS- STATIC PRESSURE SENSOR
- OH- OVERHEAD
- UG- UNDERGROUND
- VD- VOLUME DAMPER
- CO- CLEAN OUT
- DWS- 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



mcmillan pazdan smith ARCHITECTURE

CROW & BULMAN ENGINEERING, INC.
400 EAST MAIN STREET, SPARTANBURG, SC 29302
PHONE: 803.535.9900 WWW.CROWBULMAN.COM

CONSULTANT LOGO

PROFESSIONAL ENGINEER
STATE OF SOUTH CAROLINA
NO. 62068
CROW & BULMAN ENGINEERING, INC.

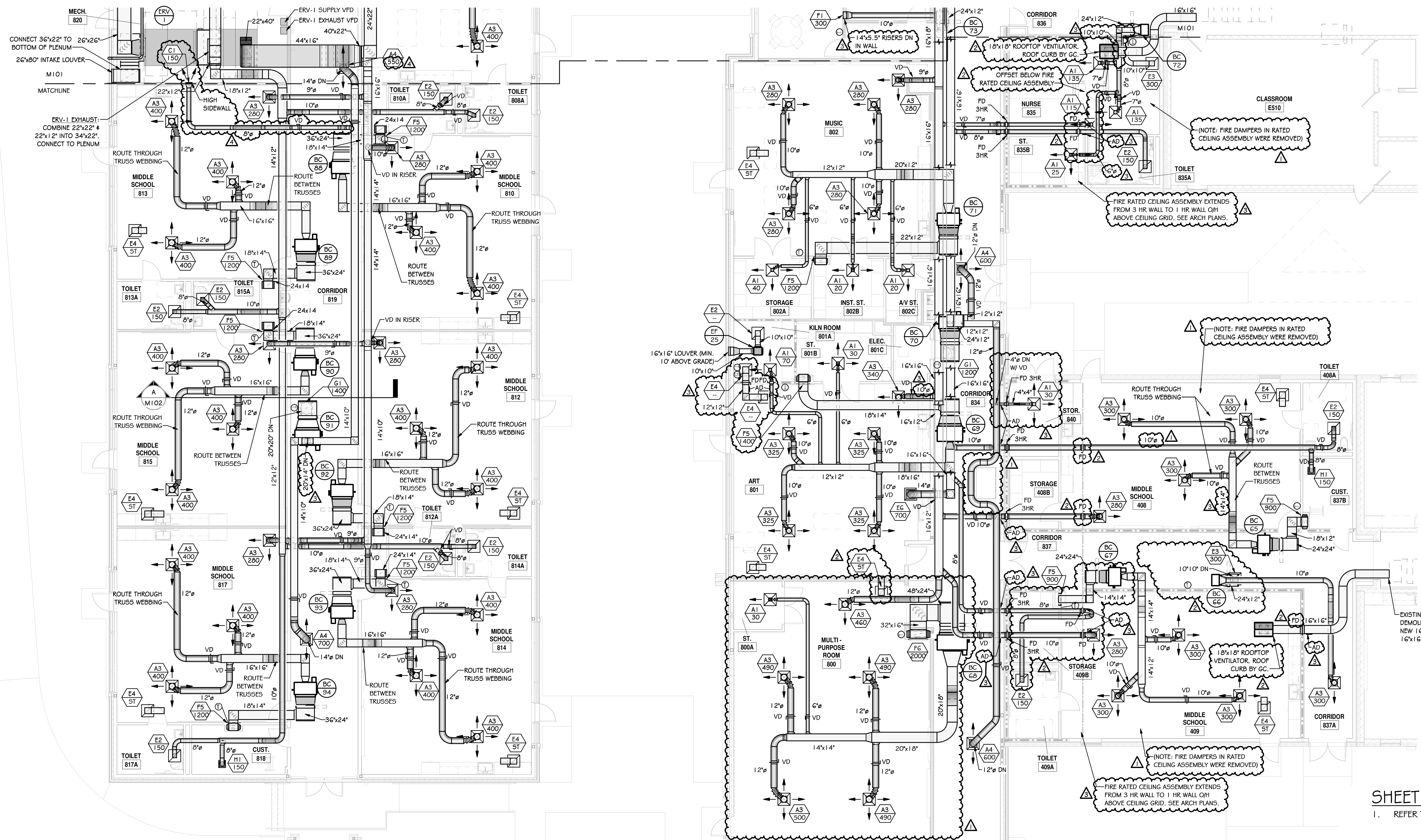
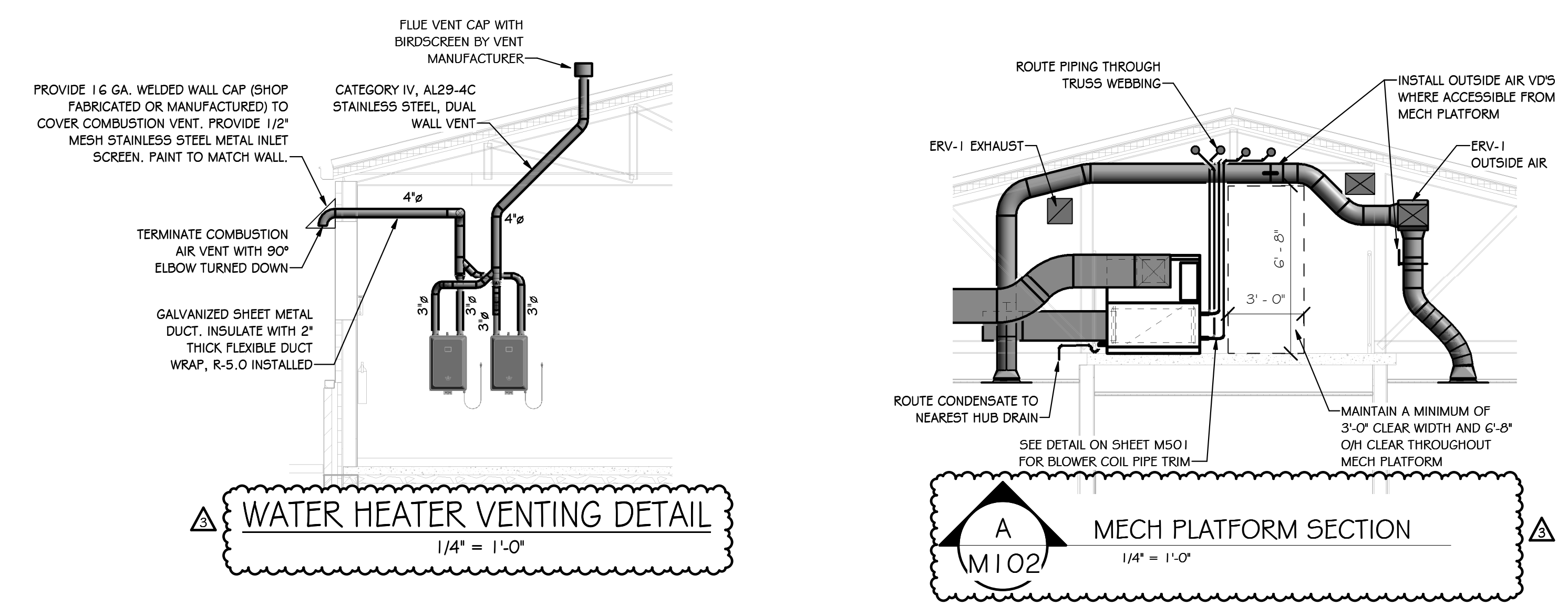
SPARTANBURG COUNTY SCHOOL DISTRICT 7
 ADDITION AND RENOVATIONS TO
 THE MCCARTHY TESZLER SCHOOL
 175 BURDETTE STREET
 SPARTANBURG, SOUTH CAROLINA 29307

SHEET ISSUE:

NO.	DATE	DESCRIPTION	BY
1	04/29/2021	Addendum No. 1	WCC
2	05/12/2021	Addendum No. 2	HFC
3	05/14/2021	Addendum No. 3	HFC
4	05/17/2021	Addendum No. 4	HFC

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

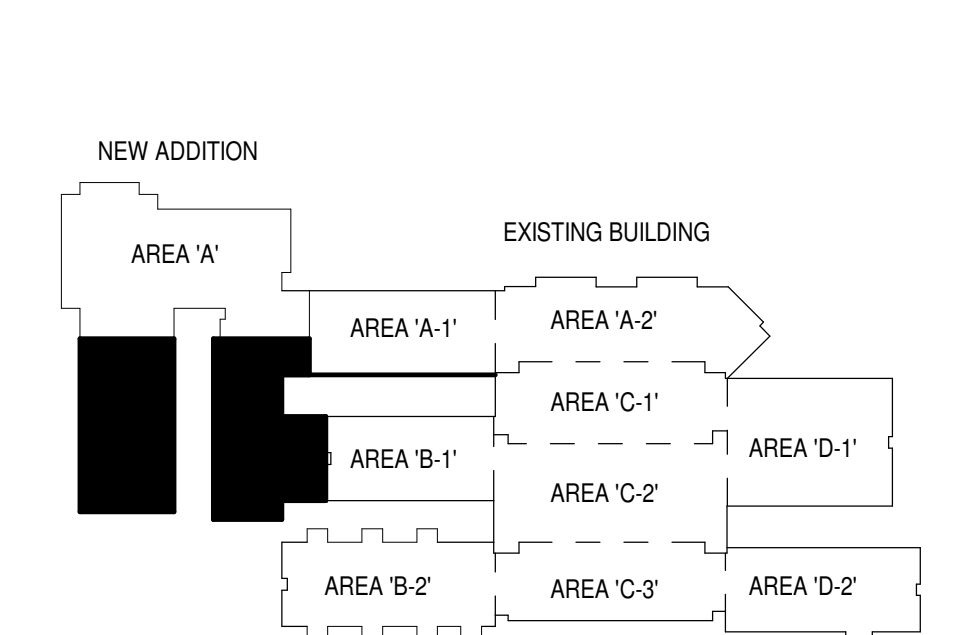
M101



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

SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET M101.

KEY PLAN



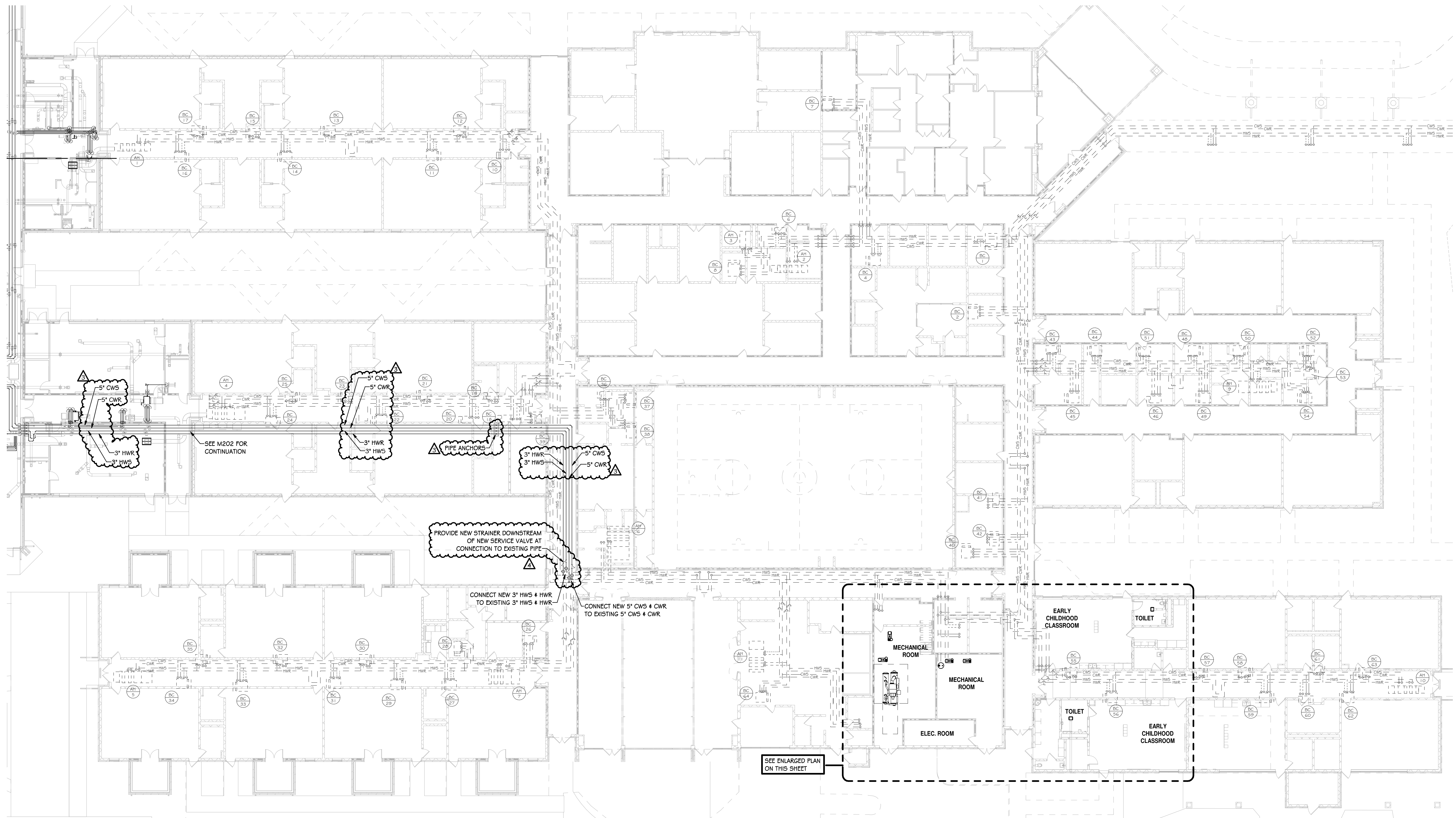
SPARTANBURG COUNTY SCHOOL DISTRICT 7
ADDITION AND RENOVATIONS TO
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SPARTANBURG, SOUTH CAROLINA 29307

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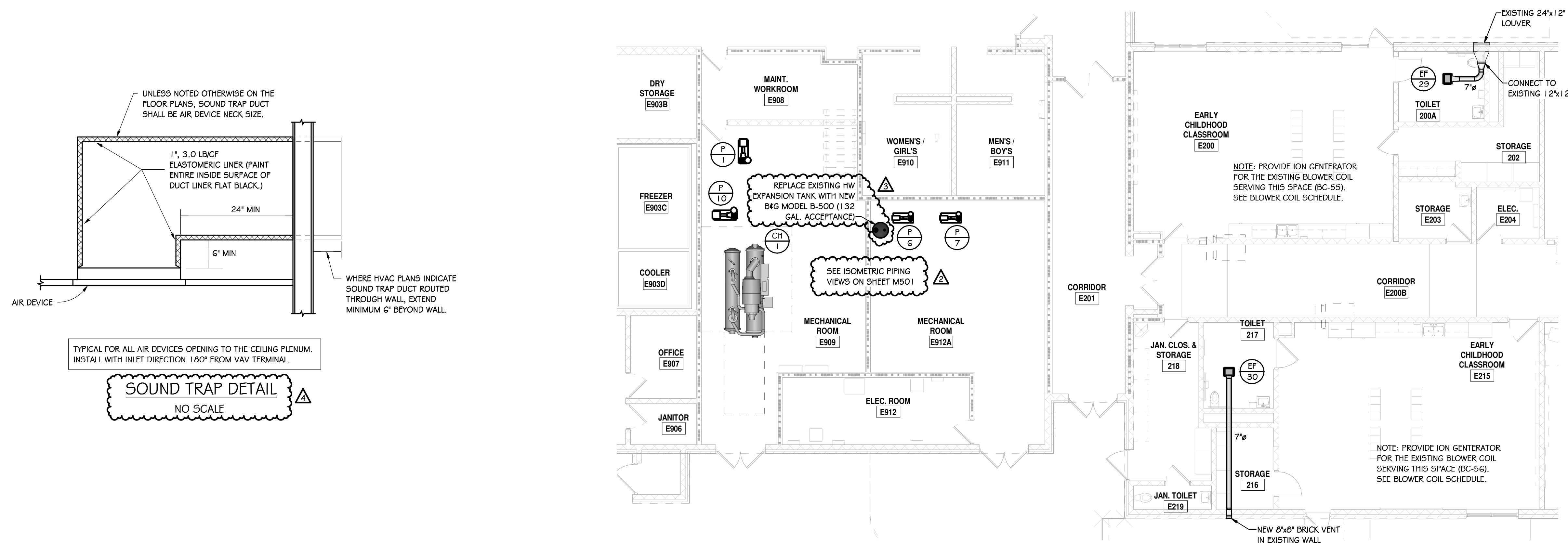
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CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WCC
PROJECT ENGINEER: WCC, STB, HFC
DRAWN BY: HFC
SHEET TITLE:
AREA 'A' CONTINUED
HVAC FLOOR PLAN
SHEET NO. PROJ. NO. 2022

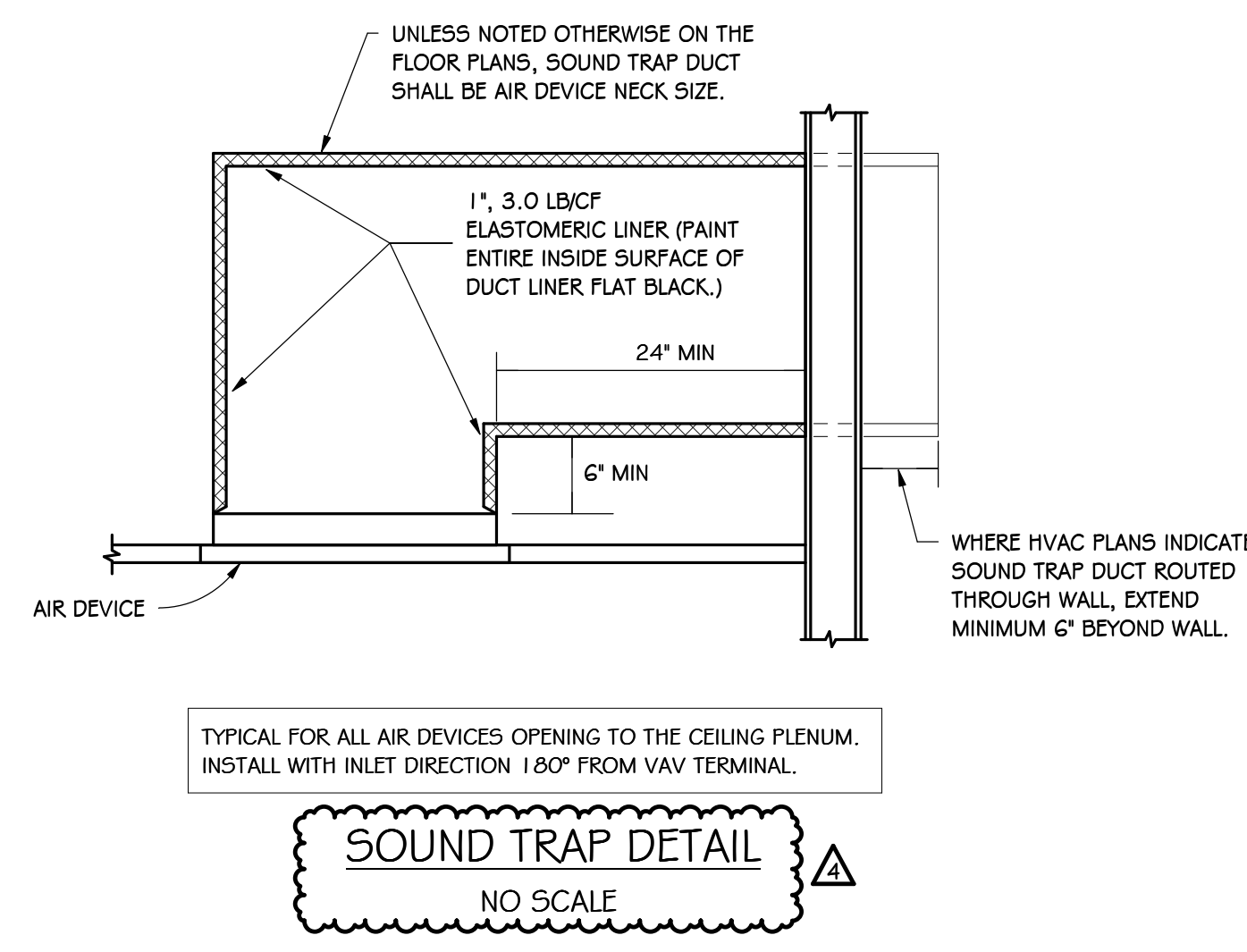
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EXISTING BUILDING HVAC PLAN
1/16" = 1'-0"



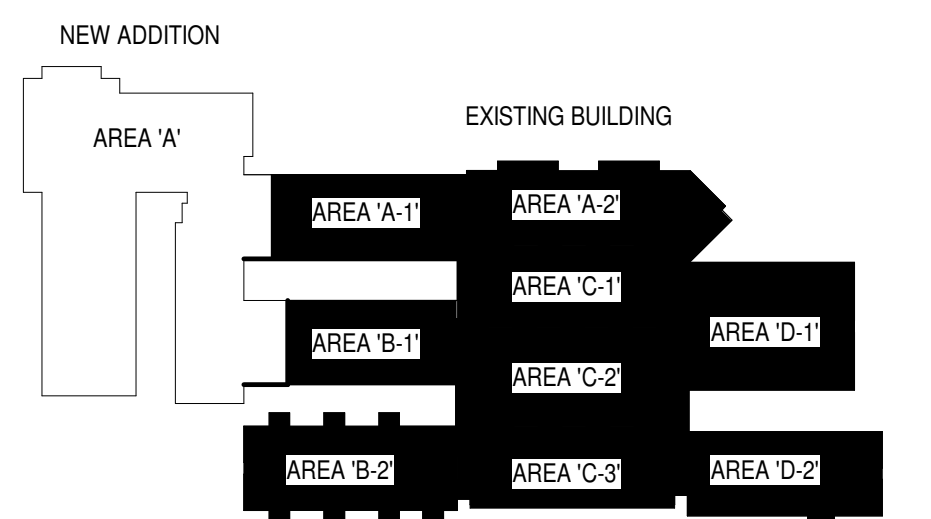
EXISTING PARTIAL AREAS 'C-3' & 'D-2'
1/8" = 1'-0"



SHEET NOTES:

1. REFER TO GENERAL NOTES ON SHEET M101.
2. 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	
4	05/17/2021	Addendum No. 4	

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

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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	WATER P.D. (FT. HEAD)	PIPE BRANCH / TRIM SIZE	CONTROL VALVE P.D.	FILTER HOUSING (W x H)			
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	837 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	56.1	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"	(4)	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	56.1	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
- PROVIDE DEHUMIDIFICATION SEQUENCE (SEE SPECS)

PACKAGED RESIDENTIAL STYLE RANGE HOOD

TAG	AREA SERVED	HOOD	CFM	CONFIGURATION	VOLT	POWER	MOUNTING	Manufacturer	MODEL NO.	E.S.P.	REMARKS
FRH-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											
													OUTSIDE EAT (DB)	EXHAUST EAT (DB)	OUTSIDE LAT (WB)	EXHAUST LAT (WB)	EXHAUST TOTAL EFF.	OUTSIDE EAT	OUTSIDE LAT	EXHAUST EAT	EXHAUST LAT	Winter Total Efficiency							
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	80.7805	0.0 °F	58.0 °F	70.0 °F	13.6 °F	0.7903	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					
				EAT (WB)	LAT (WB)	LAT (WB)	Fluid Flow Rate	EWT	LWT	ROWS	COOLING FINS/FT	FACE AREA	VELOCITY	EAT	LAT	TOTAL CAPACITY	Flow Rate	EWT	LWT			ROWS	HEATING FINS/FT			
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/TYPE 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 # BYPASS)				COOLING COIL																	
								E.A.T.	L.A.T.	CAPACITY (MBH)	GPM	L.W.T. @ 140°F E.W.T.	ROWS	FINS/IN	WATER P.D.	PIPE TRIM SIZE	CONTROL VALVE P.D.	E.A.T. (db/wb)	L.A.T. (db/wb)	SENS CAPACITY (MBH)	TOTAL CAPACITY (MBH)	GPM	EWT	LWT	ROWS	FINS/FT	WATER P.D.	PIPE TRIM SIZE	CONTROL VALVE P.D.
MUA-1	FOOD PREP	CSAA010	4200	4200	2.00 in-wg	4.46 in-wg	5 HP	12.0	45.1	151.0	20.0	124.8	2	10	0.78	1-1/2"	3 PSI	94/74	50/49.9	205	325	54.00 GPM	45 °F	57 °F	8	141	11.34	2-1/2"	3 PSI

MUA 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/TYPE OF FILTERS REQUIRED)
- ALL ACCESS AND FAN SECTIONS SHALL HAVE HINGED ACCESS DOORS (BOTH SIDES)
- PREHEAT COIL TO HAVE INTEGRAL FACE # BYPASS (MODEL B-42 HORIZ IFB COIL)

MUA REMARKS:

- SMOKE DETECTOR (BY ELECTRICAL)
- PROVIDE VFD FOR SUPPLY AND EXHAUST FANS (BY MECHANICAL CONTRACTOR)

CHILLER SCHEDULE (ADD/ALTERNATE #1)

TAG	TON	FULL LOAD KW/TON	NPLV KW/TON	EVAPORATOR				CONDENSER			
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EXISTING AIR HANDLER SCHEDULE					
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)

UNIT HEATER SCHEDULE									
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	MARKEK	5100 SERIES	1, 2, 3

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

AIR DEVICE SCHEDULE							
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
• 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)

EXHAUST FAN SCHEDULE										
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	CAPTIVARE 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	CEILING									CEILING - 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)

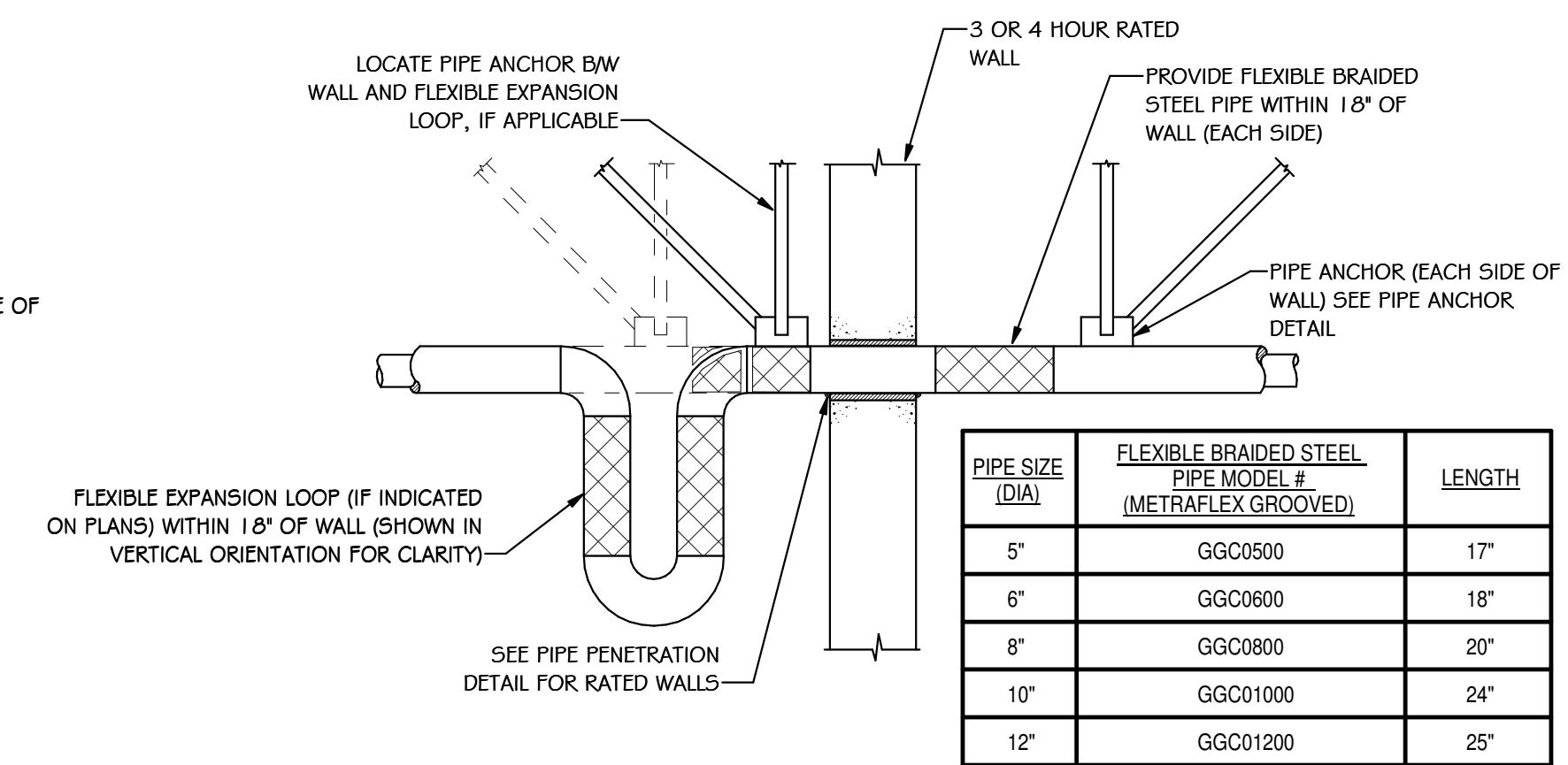
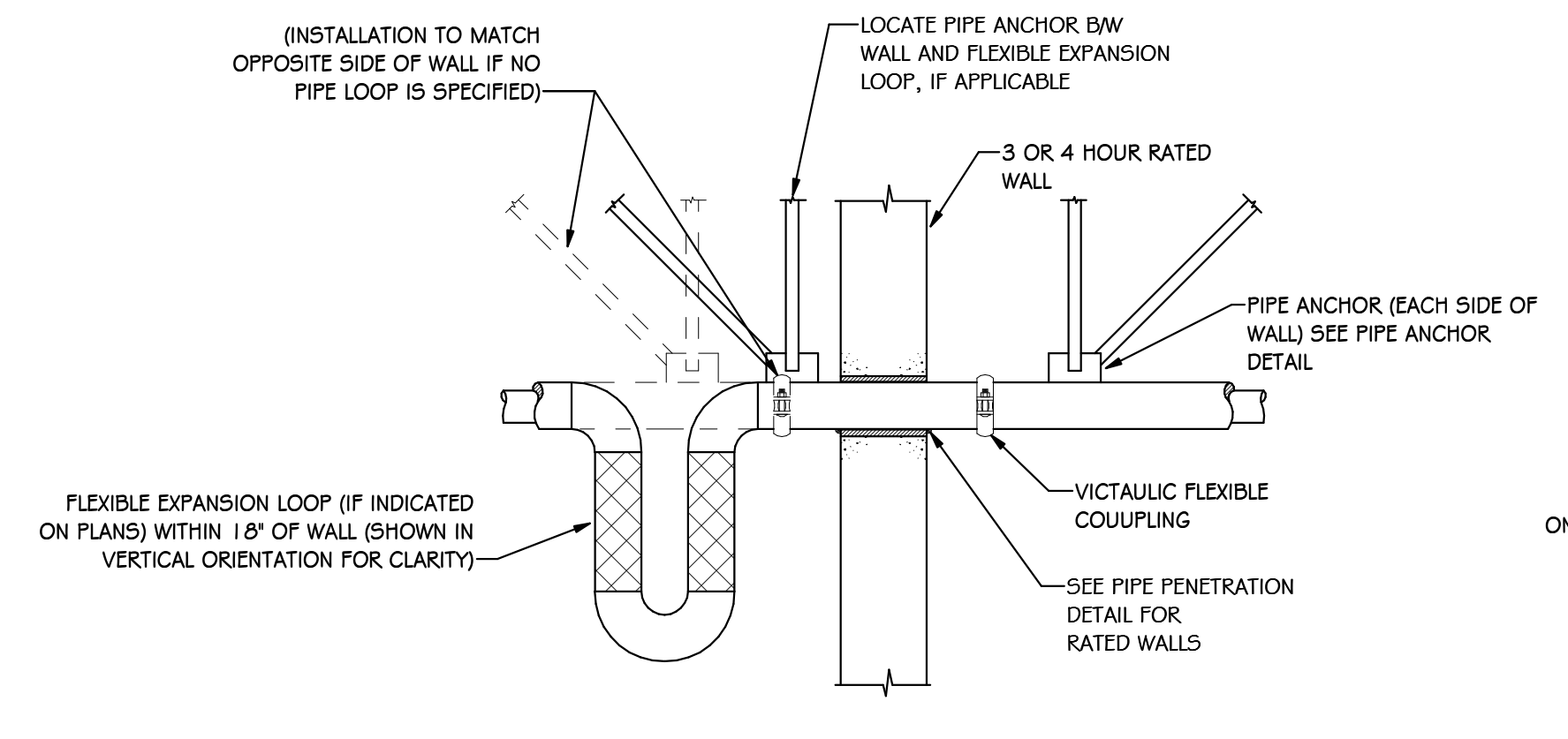
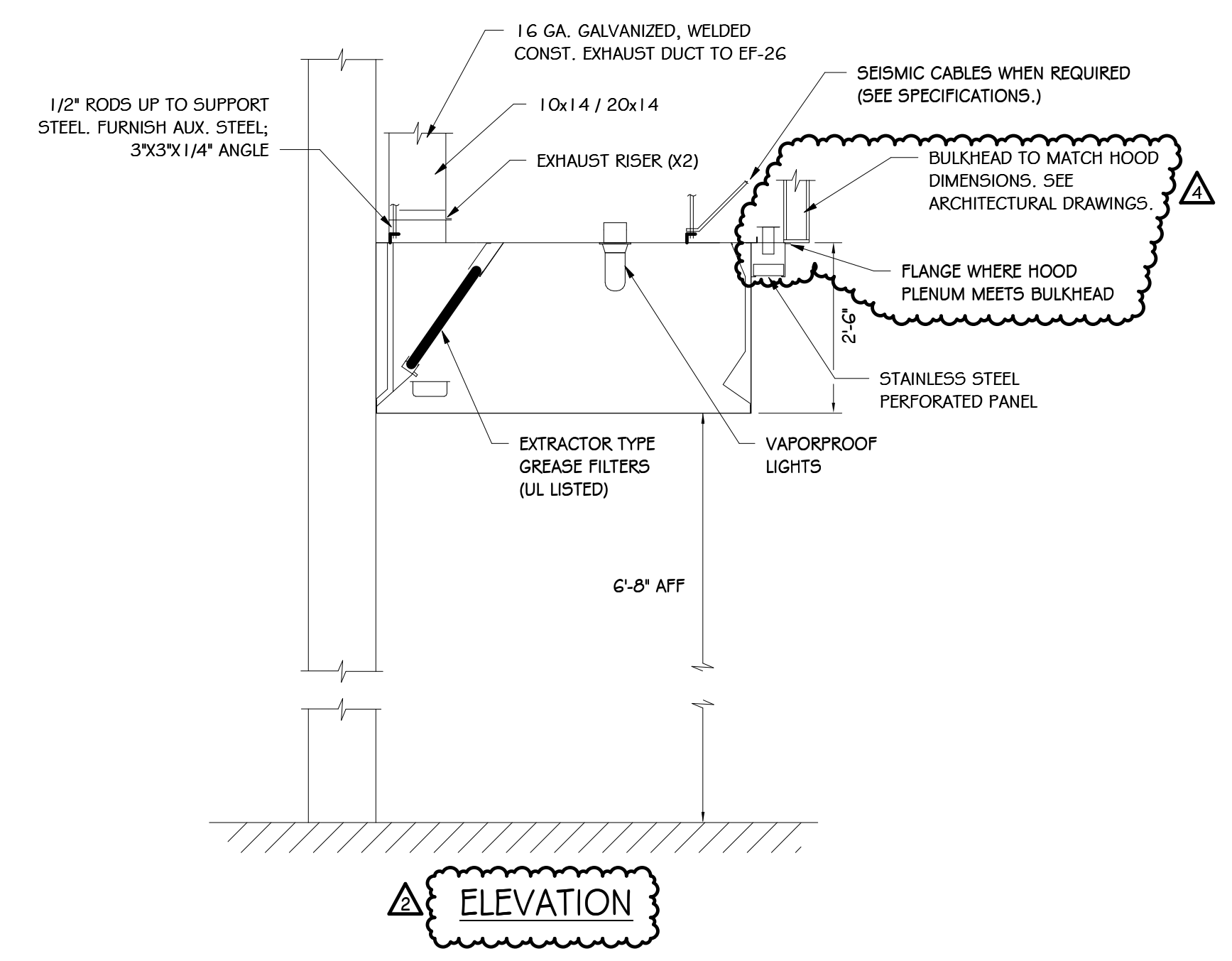
REMARKS:
1. DISCONNECT SWITCH
2. BACKDRAFT DAMPER
3. (NOT USED)
4. BIRD SCREEN
5. MOTOR STARTER
6. VARIABLE FREQUENCY DRIVE (NOT USED)
7. (NOT USED)
8. ROOF CURB (WIND RATED) TO MATCH ROOF SLOPE (SEE ARCH DRAWINGS.)
9. UL 762 RATED # HINGED ROOF CURB
10. INTERLOCK WITH EXHAUST HOOD CONTROLS. (SEE SPECS.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

PUMP SCHEDULE													
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) (2)
P-6	MECHANICAL A277	HW DISTRIBUTION	210	180	BASE MOUNTED, CENTRIFUGAL	15	460/3	1800	B * G	2 GB	--	--	(1) (2)
P-7	MECHANICAL A277	HW DISTRIBUTION (STAND-BY)	210	180	BASE MOUNTED, CENTRIFUGAL	15	460/3	1800	B * G	2 GB	--	--	(1) (2)
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
2. REUSE EXISTING TRIPLE DUTY VALVE & PROVIDE NEW SUCTION DIFFUSER

EXISTING BLOWER COIL SCHEDULE												
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	1.4	3/4	0.82	3/4	Trane BC_B 012	(1) (3)	

SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET M101.

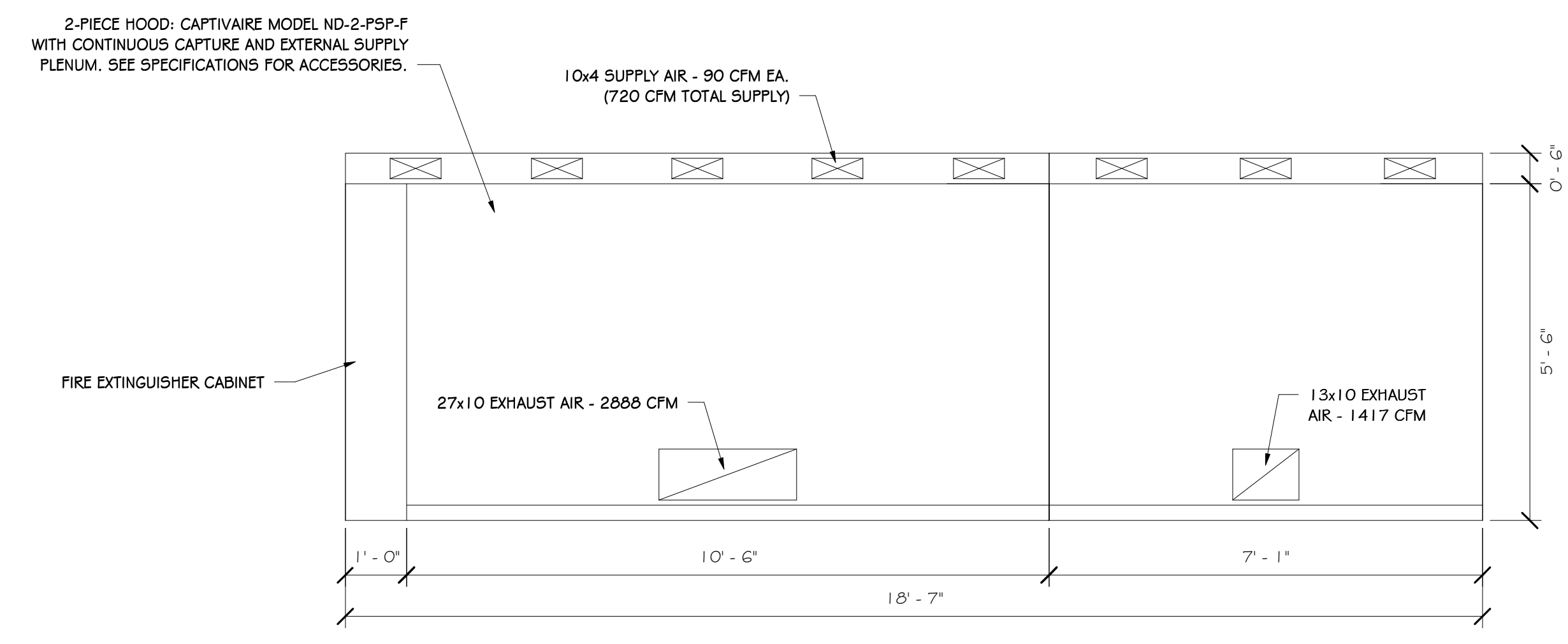


**FLEXIBLE COUPLING AT RATED WALL DETAIL-
PIPE UP TO 4"Ø**

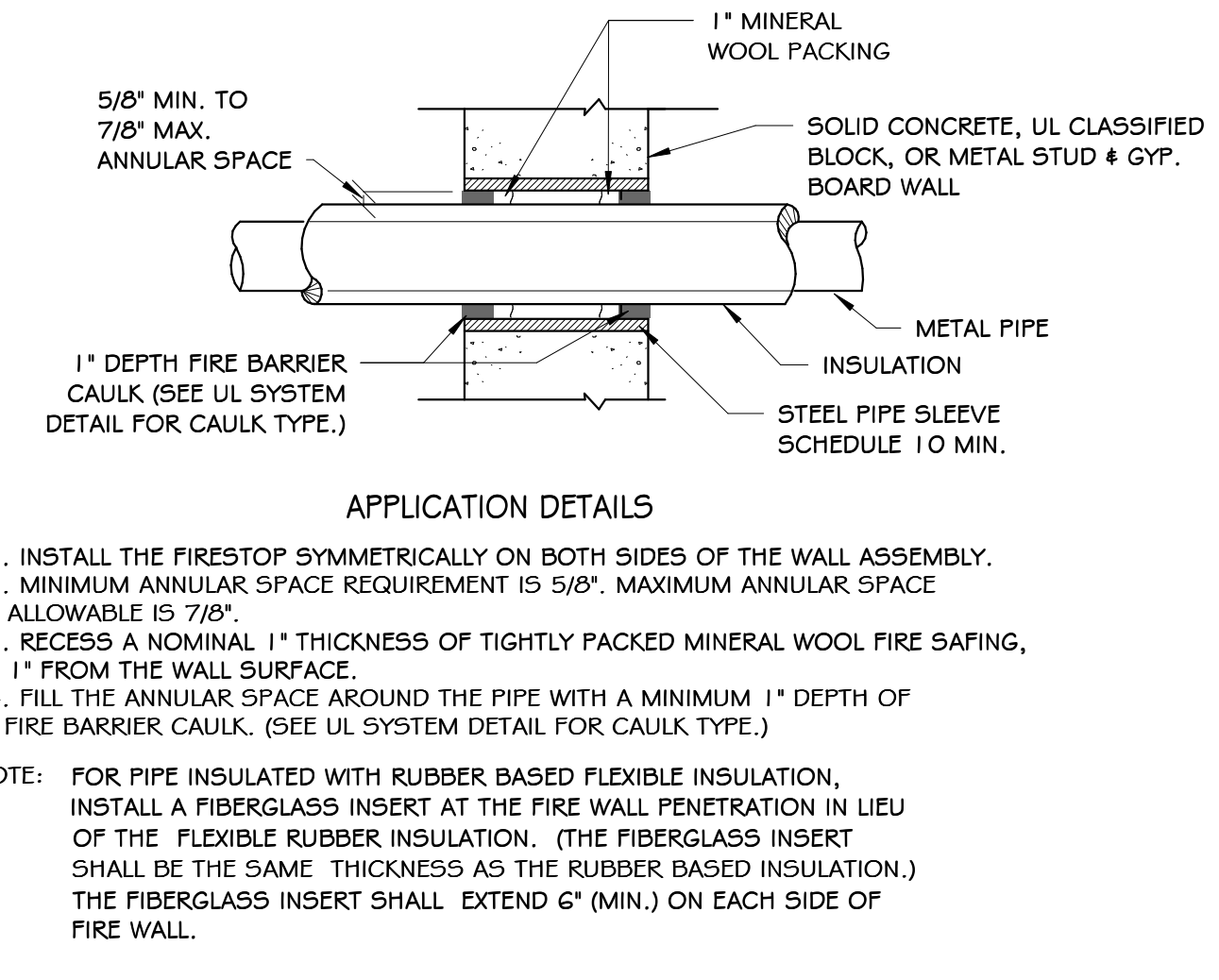
NOTE: WHERE FLEXIBLE EXPANSION LOOP IS SPECIFIED NEAR 3-HOUR WALL (SEE PLANS), SUBSTITUTE FLEXIBLE EXPANSION LOOP FOR FLEXIBLE COUPLING, AND LOCATE PIPE ANCHOR BETWEEN WALL AND PIPE LOOP.

**FLEXIBLE PIPE AT RATED WALL DETAIL-
PIPE LARGER THAN 4"Ø**

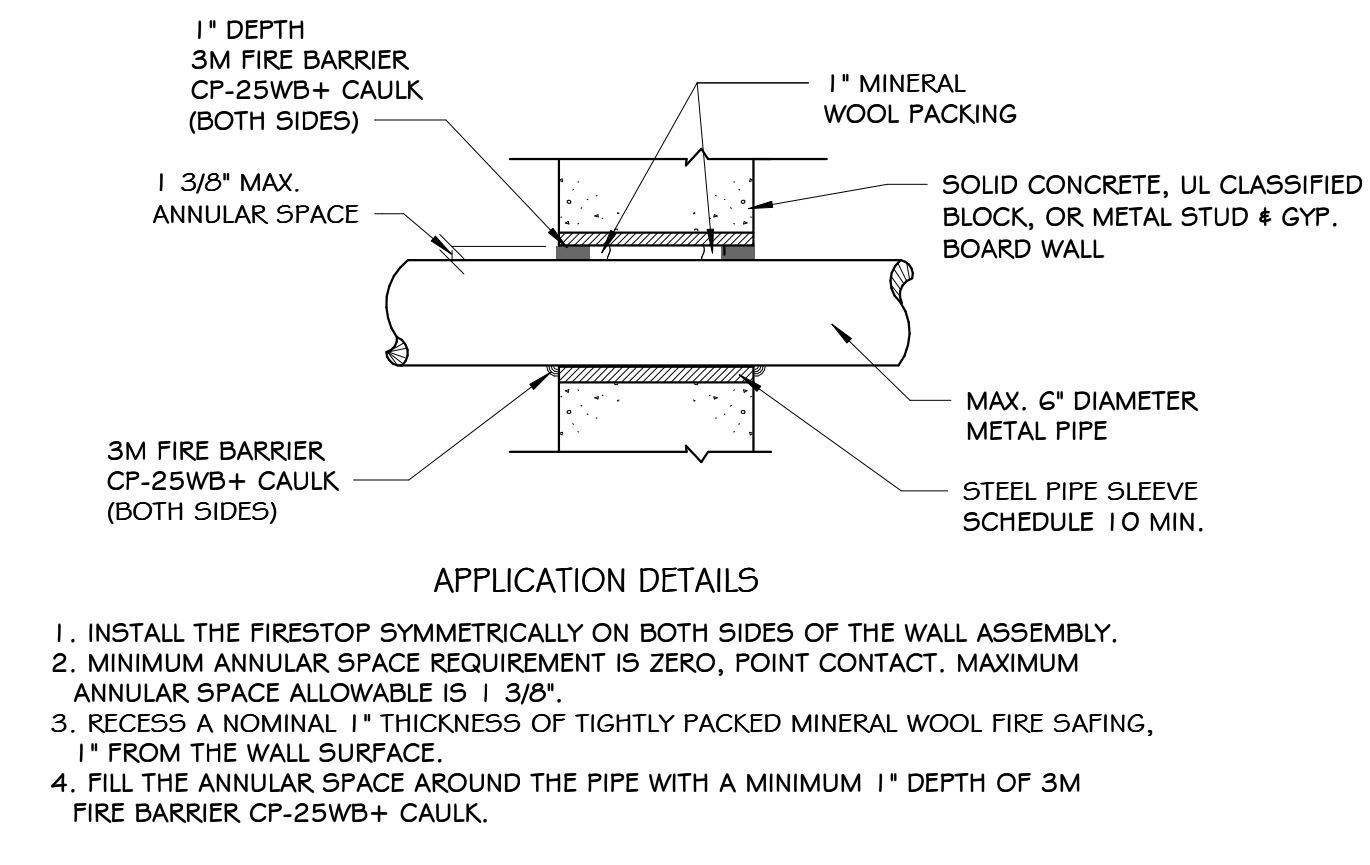
NOTE: WHERE FLEXIBLE EXPANSION LOOP IS SPECIFIED NEAR 3-HOUR WALL (SEE PLANS), SUBSTITUTE FLEXIBLE EXPANSION LOOP FOR FLEXIBLE BRAIDED STEEL PIPE, AND LOCATE PIPE ANCHOR BETWEEN WALL AND PIPE LOOP.



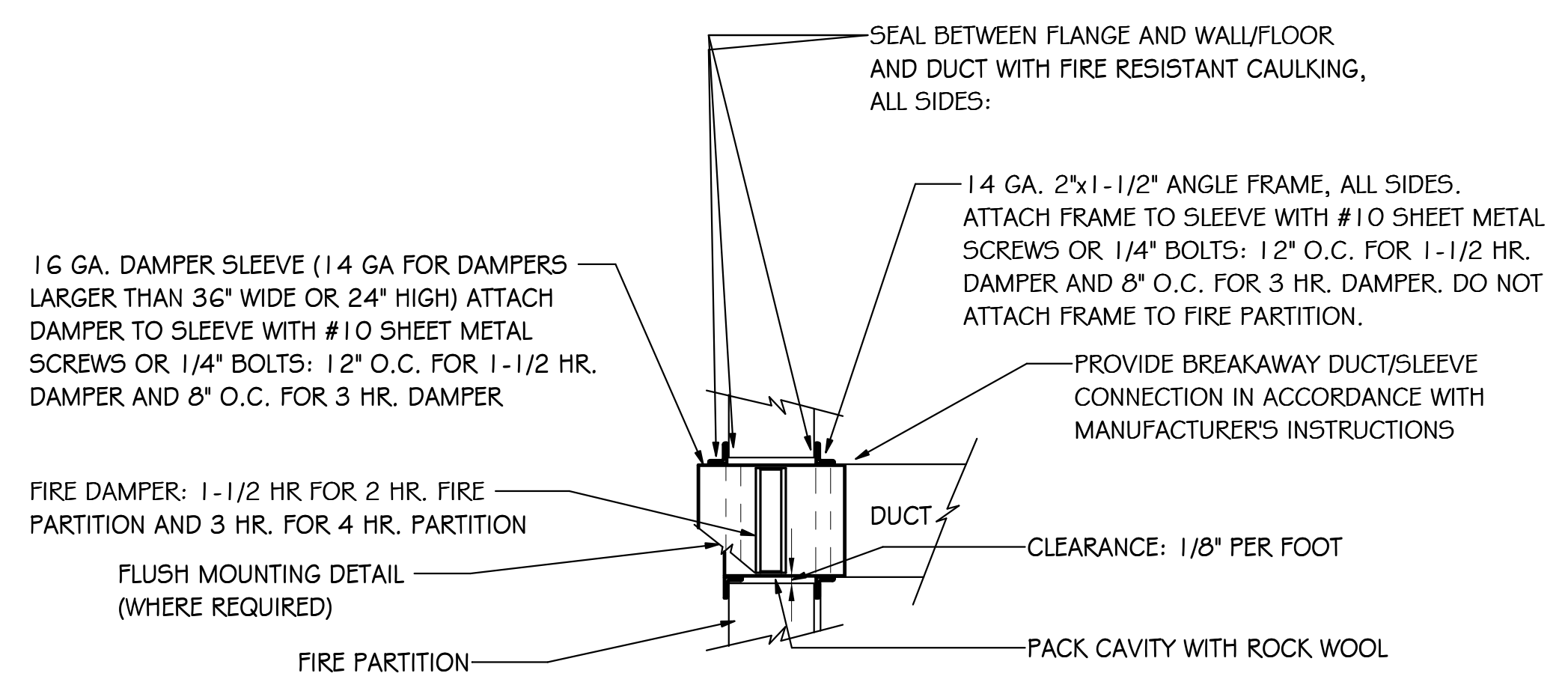
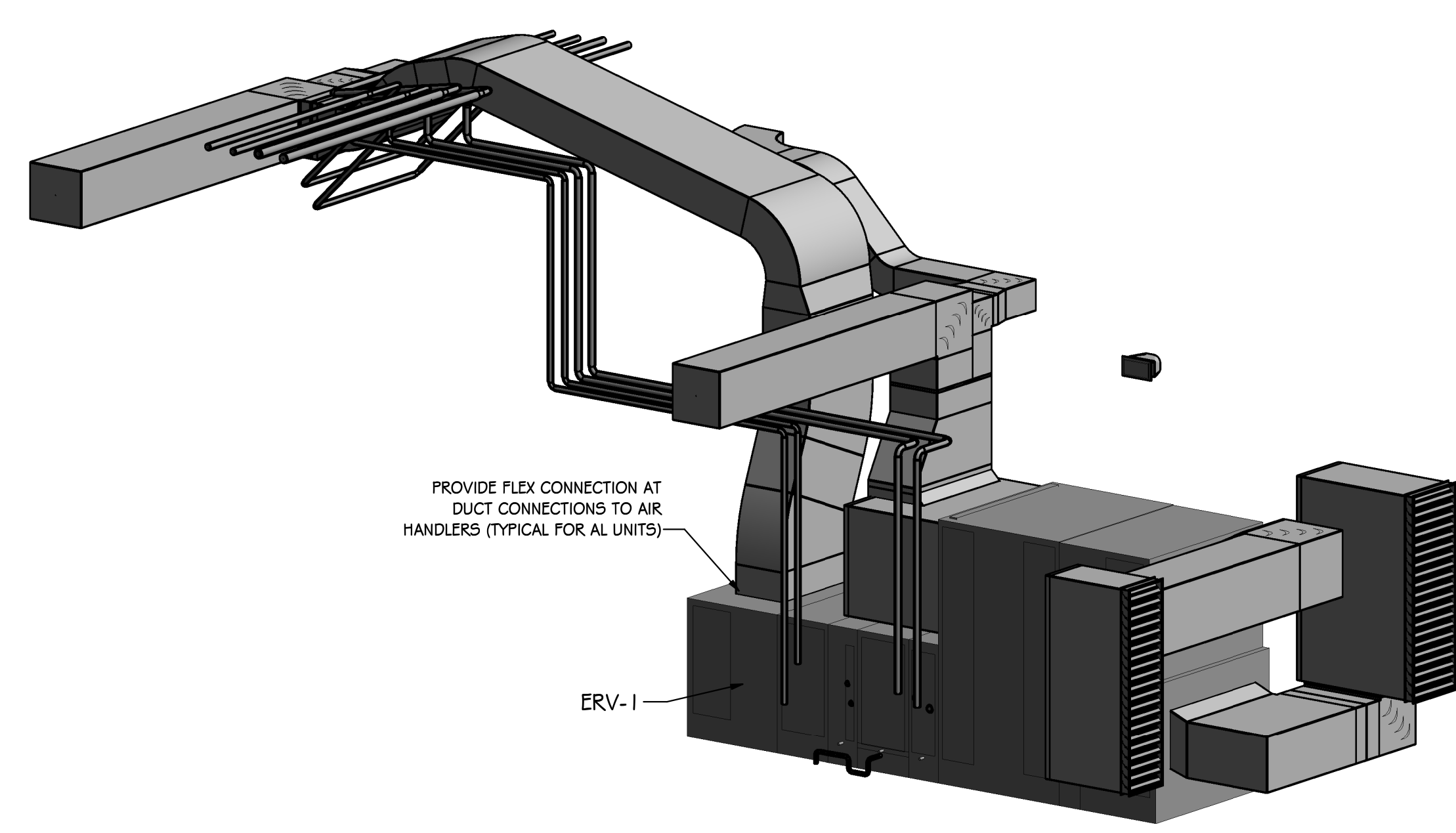
KITCHEN RANGE HOOD DETAILS
SCALE: 1/2" = 1'-0"



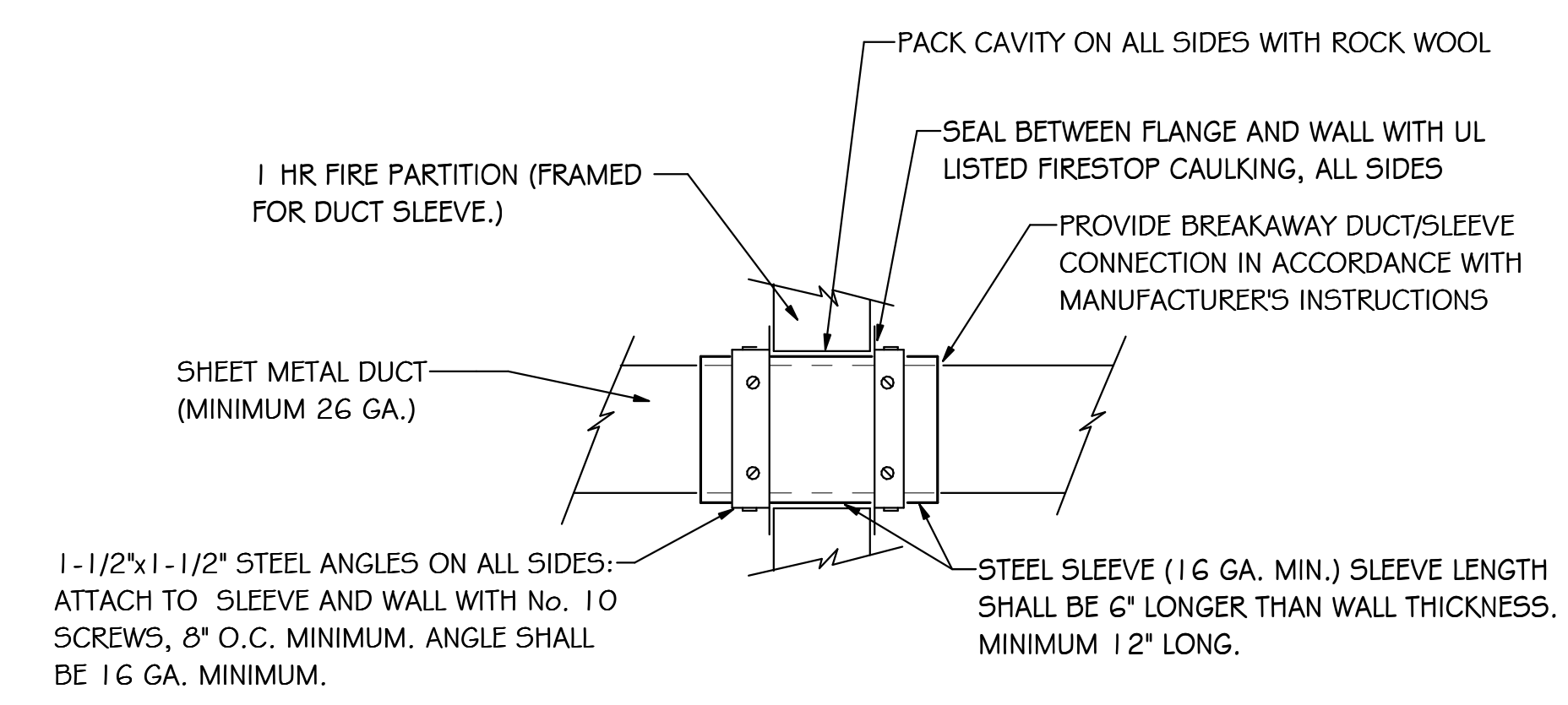
NOTE: FOR PIPE INSULATED WITH RUBBER BASED FLEXIBLE INSULATION, INSTALL A FIBERGLASS INSERT AT THE FIRE WALL PENETRATION IN LIEU OF THE FLEXIBLE RUBBER INSULATION. (THE FIBERGLASS INSERT SHALL BE THE SAME THICKNESS AS THE RUBBER BASED INSULATION.) THE FIBERGLASS INSERT SHALL EXTEND 6" (MIN.) ON EACH SIDE OF FIRE WALL.



NOTE: 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 1/8".
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 CP-25WB+ CAULK.



NOTES:
1) 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.
2) REFER TO MANUFACTURERS RECOMMENDATIONS FOR ADDITIONAL DETAIL.
3) ALTERNATE INSTALLATION DETAILS SHALL BE ACCEPTABLE IF SHOWN TO BE IN COMPLIANCE WITH NFPA 90A & MFR'S LISTING.
4) 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.
5) ACCESS DOOR WHERE REQUIRED, SEE SPECIFICATIONS.



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	
4	05/17/2021	Addendum No. 4	

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

SHEET TITLE:
HVAC DETAILS

SHEET NO. PROJ. NO.
2022

M500

NO.	DATE	DESCRIPTION	BY
2	05/12/2021	Addendum No. 2	WFC
3	05/14/2021	Addendum No. 3	HFC
4	05/17/2021	Addendum No. 4	HFC

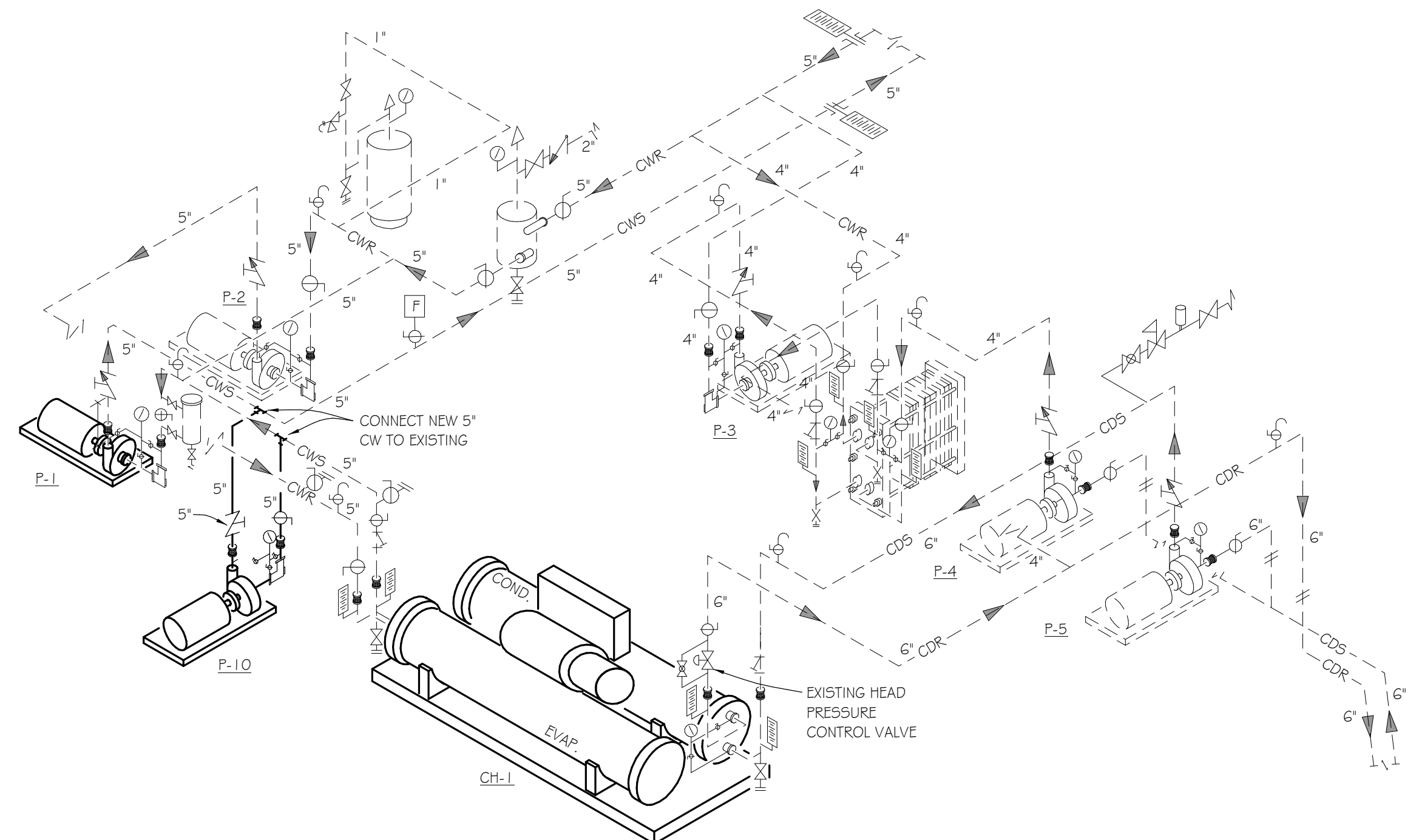
CONSTRUCTION DOCUMENTS 04/19/2021
PRINCIPAL IN CHARGE: WFC
PROJECT ENGINEER: WHC, STB, HFC
DRAWN BY: HFC

SHEET TITLE:
HVAC DETAILS

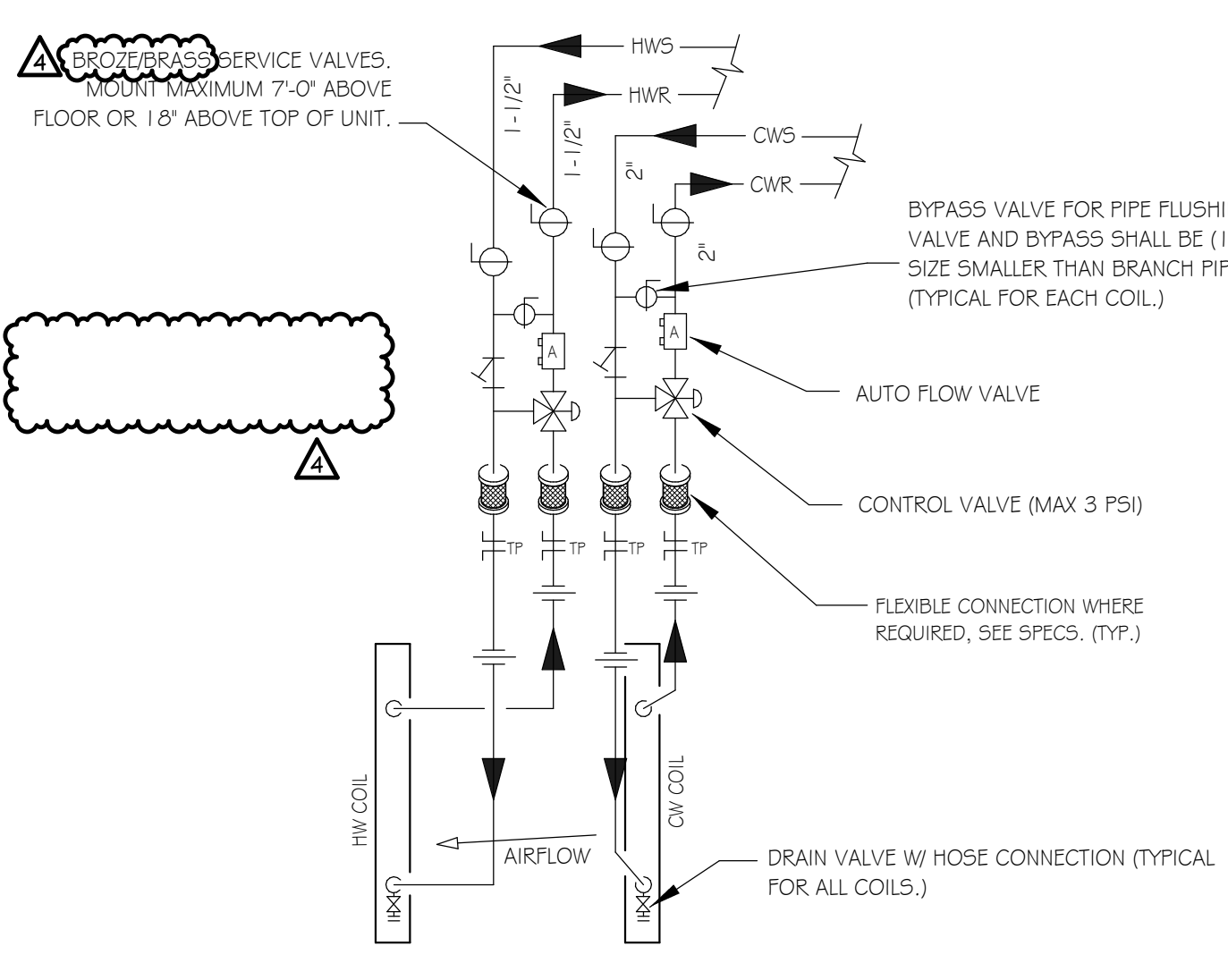
SHEET NO. PROJ. NO.
2022

M501

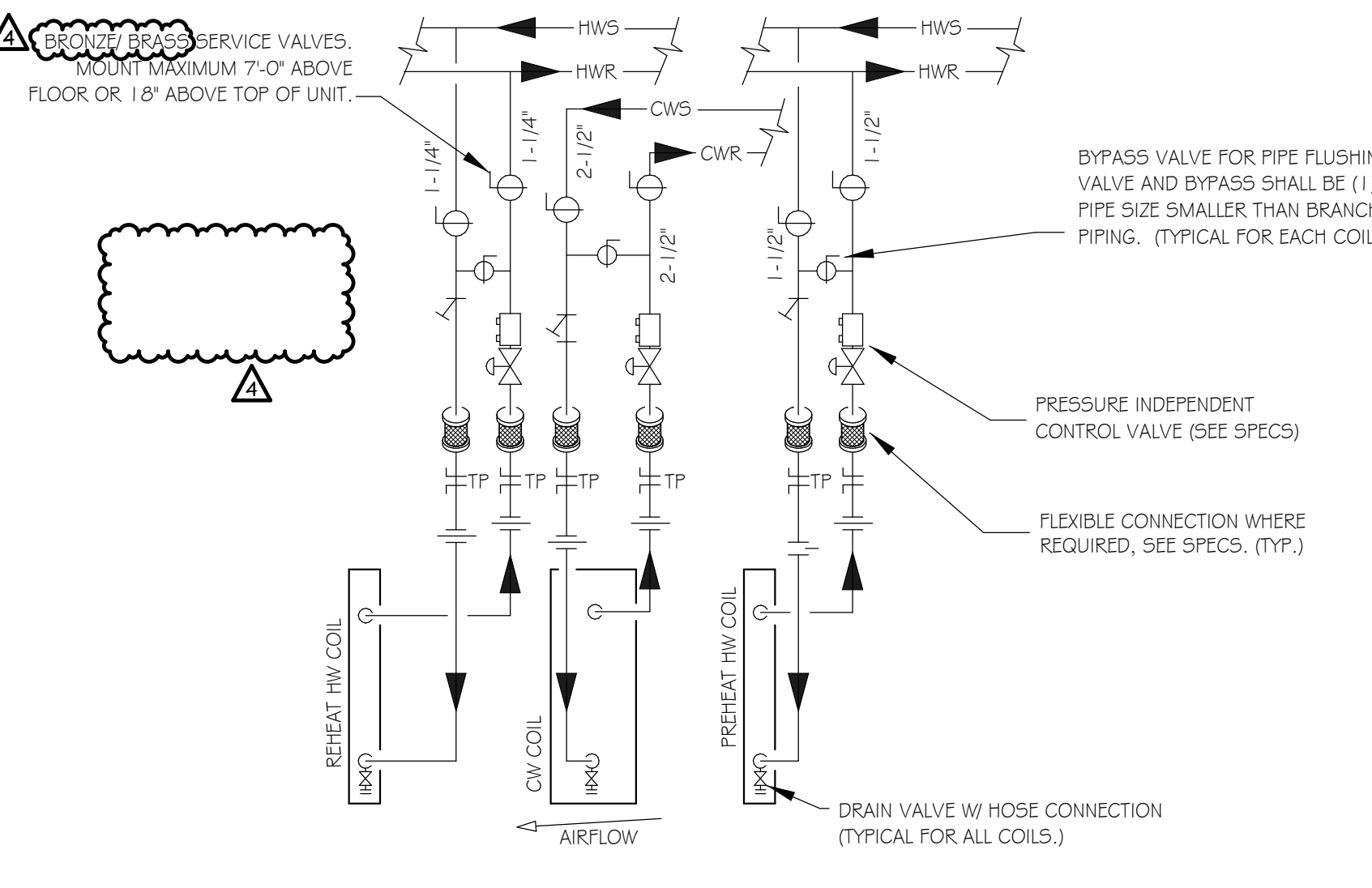
ALL DRAWINGS, SPECIFICATIONS AND NOTES HEREOF FURNISHED BY MCMILLAN PAZDAN SMITH ARCHITECTURE ARE AND SHALL REMAIN THE PROPERTY OF MCMILLAN PAZDAN SMITH ARCHITECTURE. THESE MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY 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. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



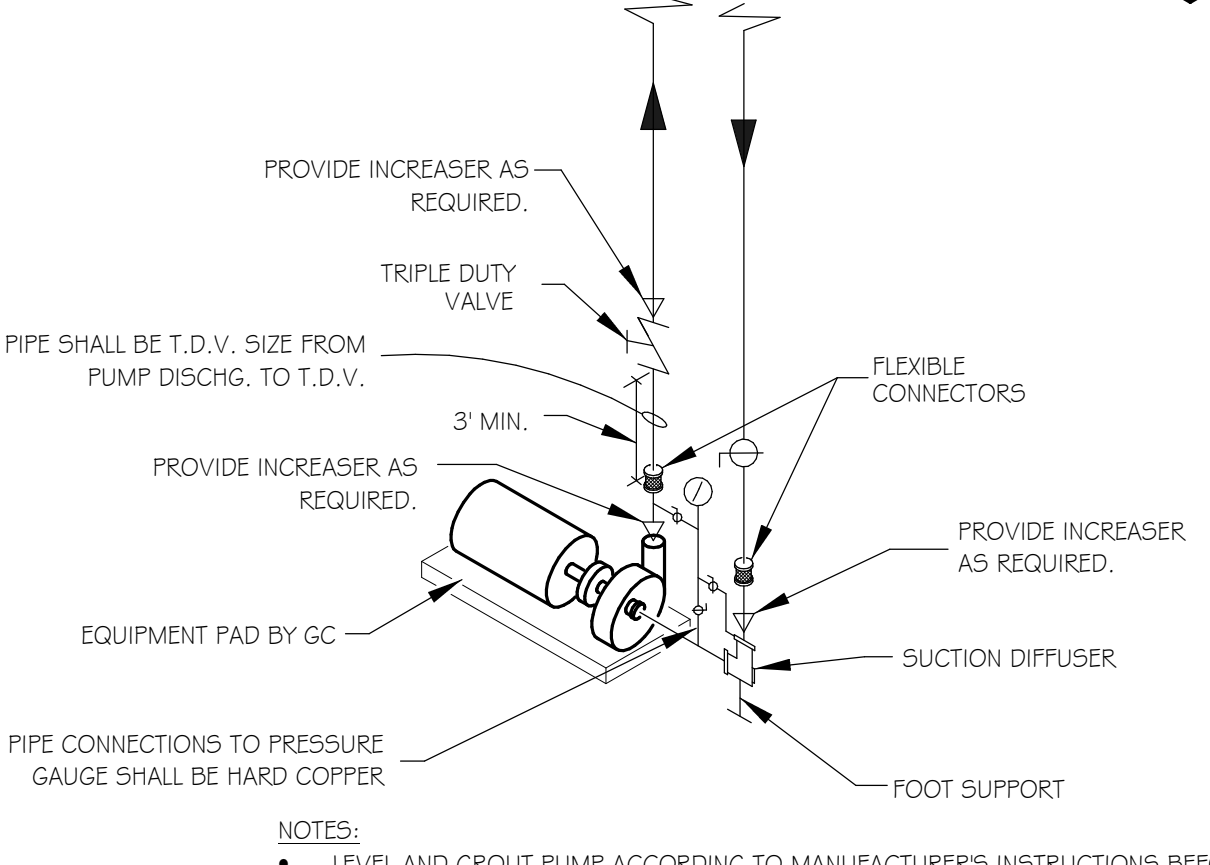
EXISTING CHILLED WATER ISOMETRIC
NO SCALE



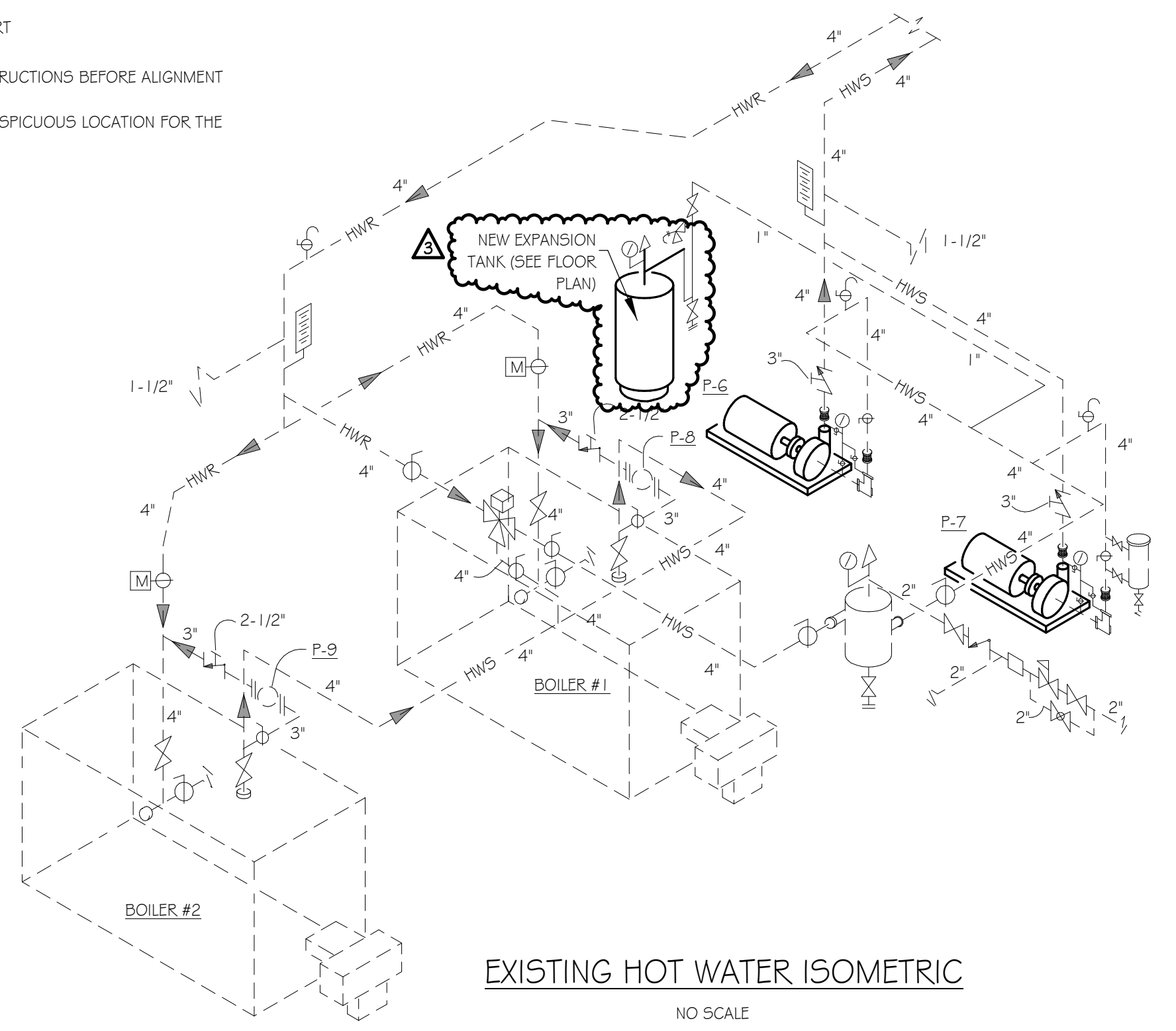
ERV-1 PIPING DETAIL
NO SCALE



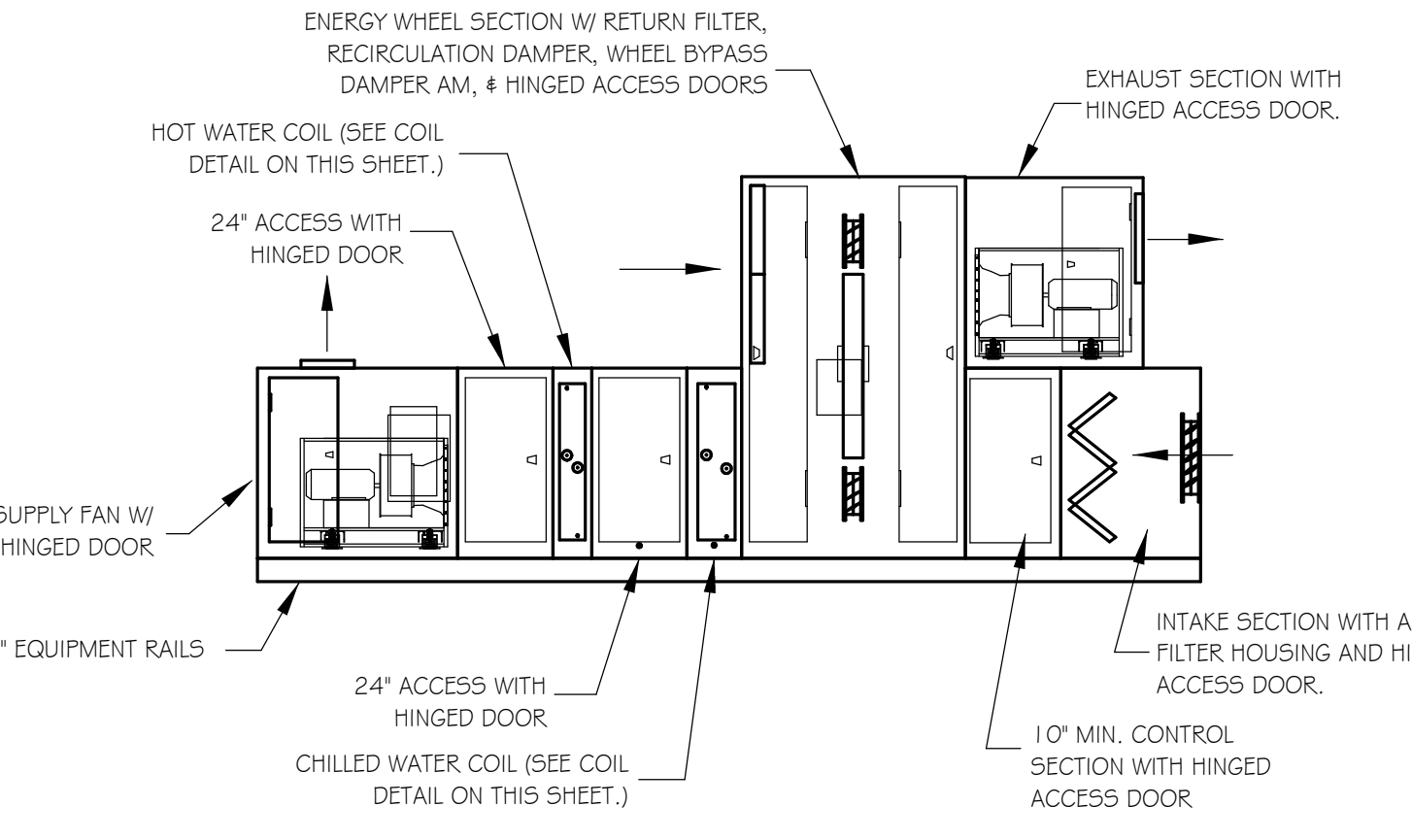
MUA-1 PIPING DETAIL
NO SCALE



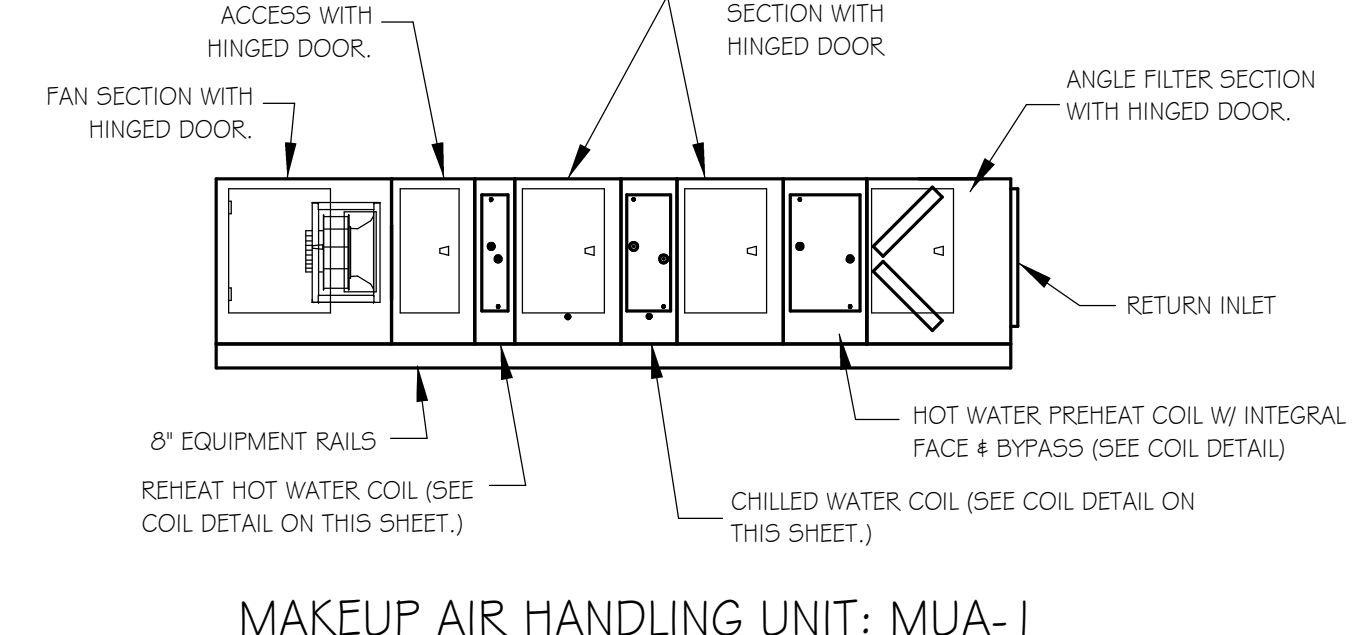
P-I O PUMP TRIM DETAIL
NO SCALE



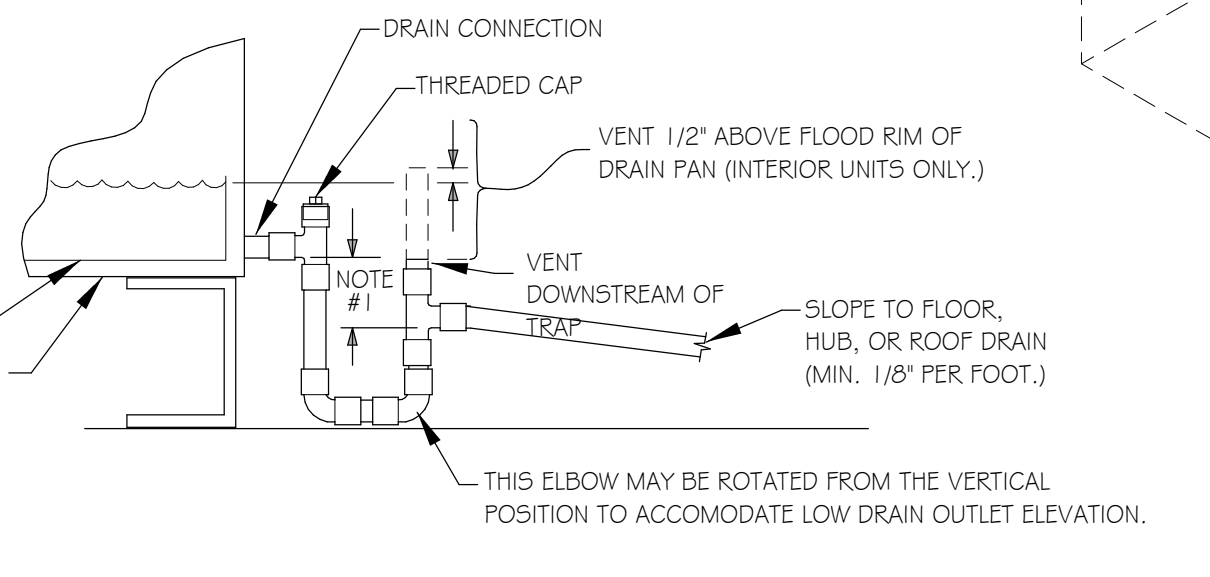
EXISTING HOT WATER ISOMETRIC
NO SCALE



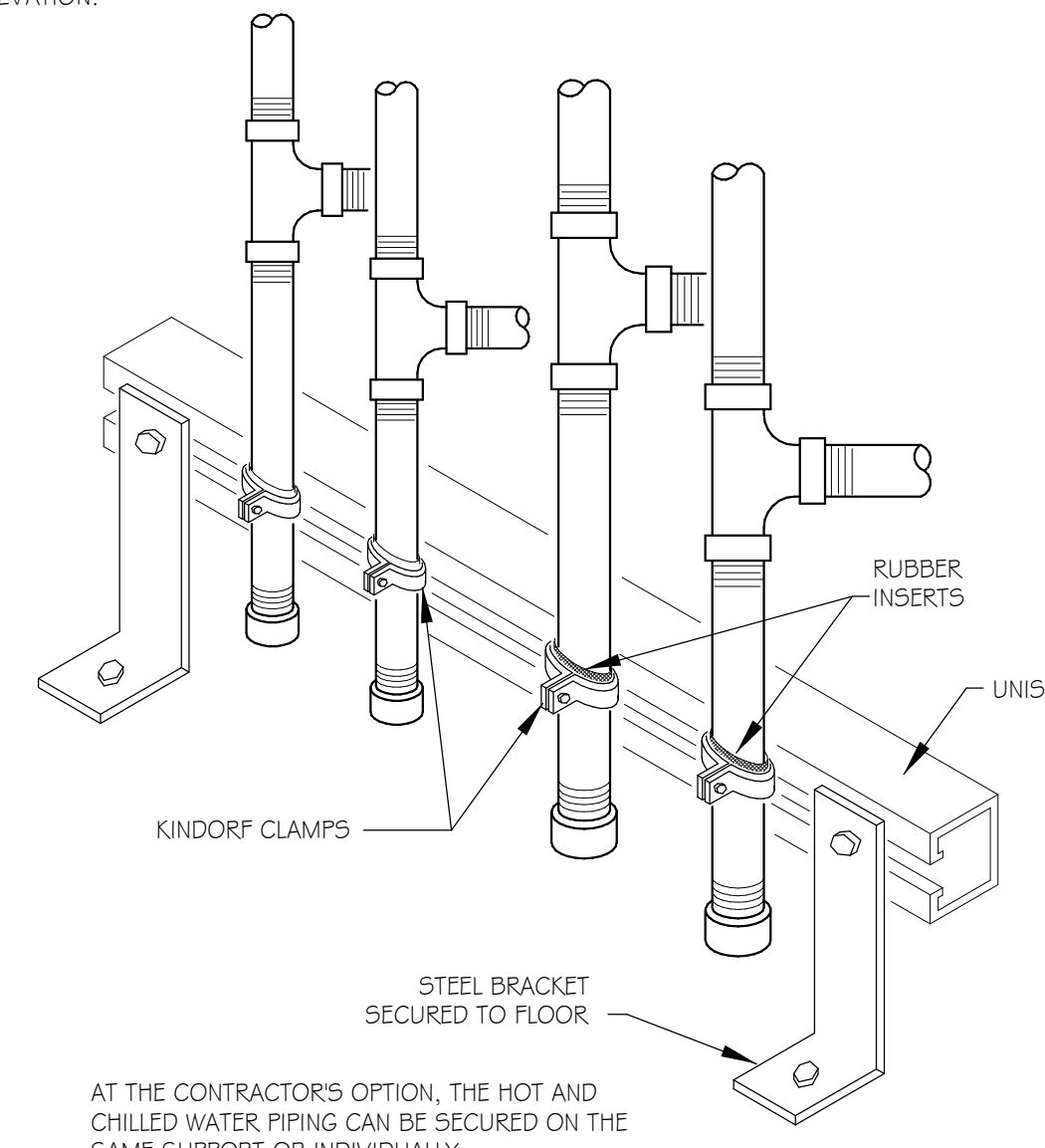
ENERGY RECOVERY UNIT: ERV-1
NO SCALE



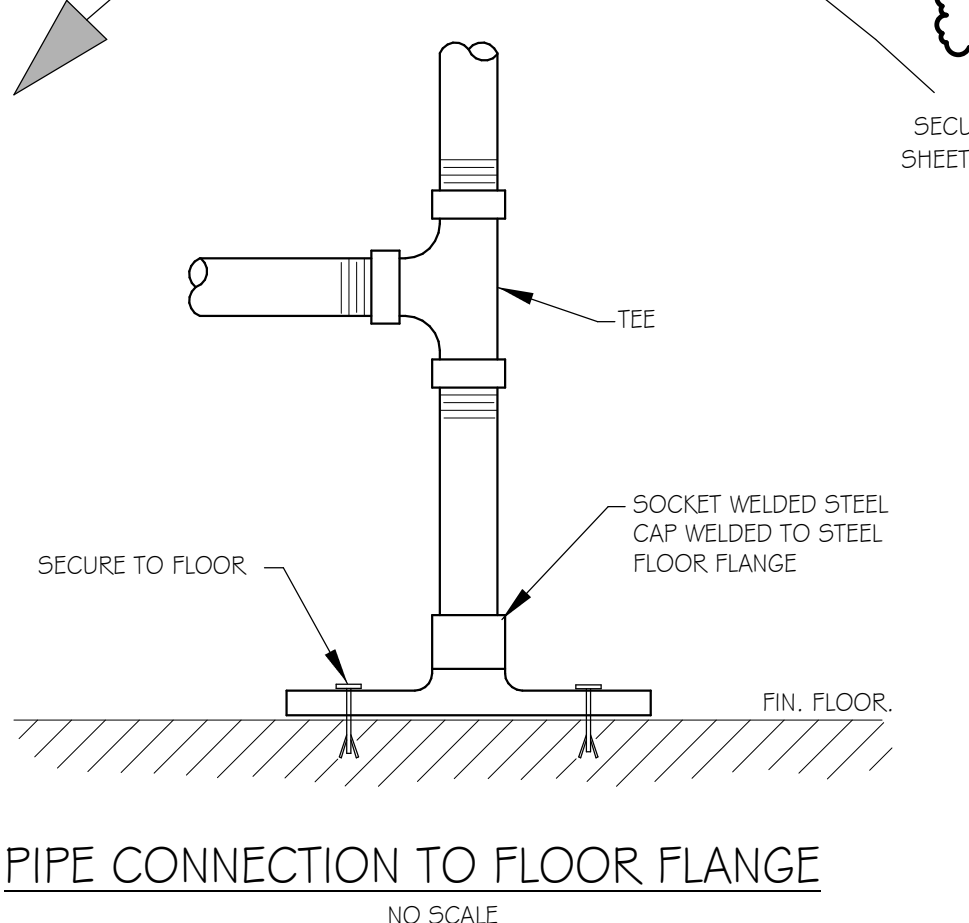
MAKEUP AIR HANDLING UNIT: MUA-1
NO SCALE



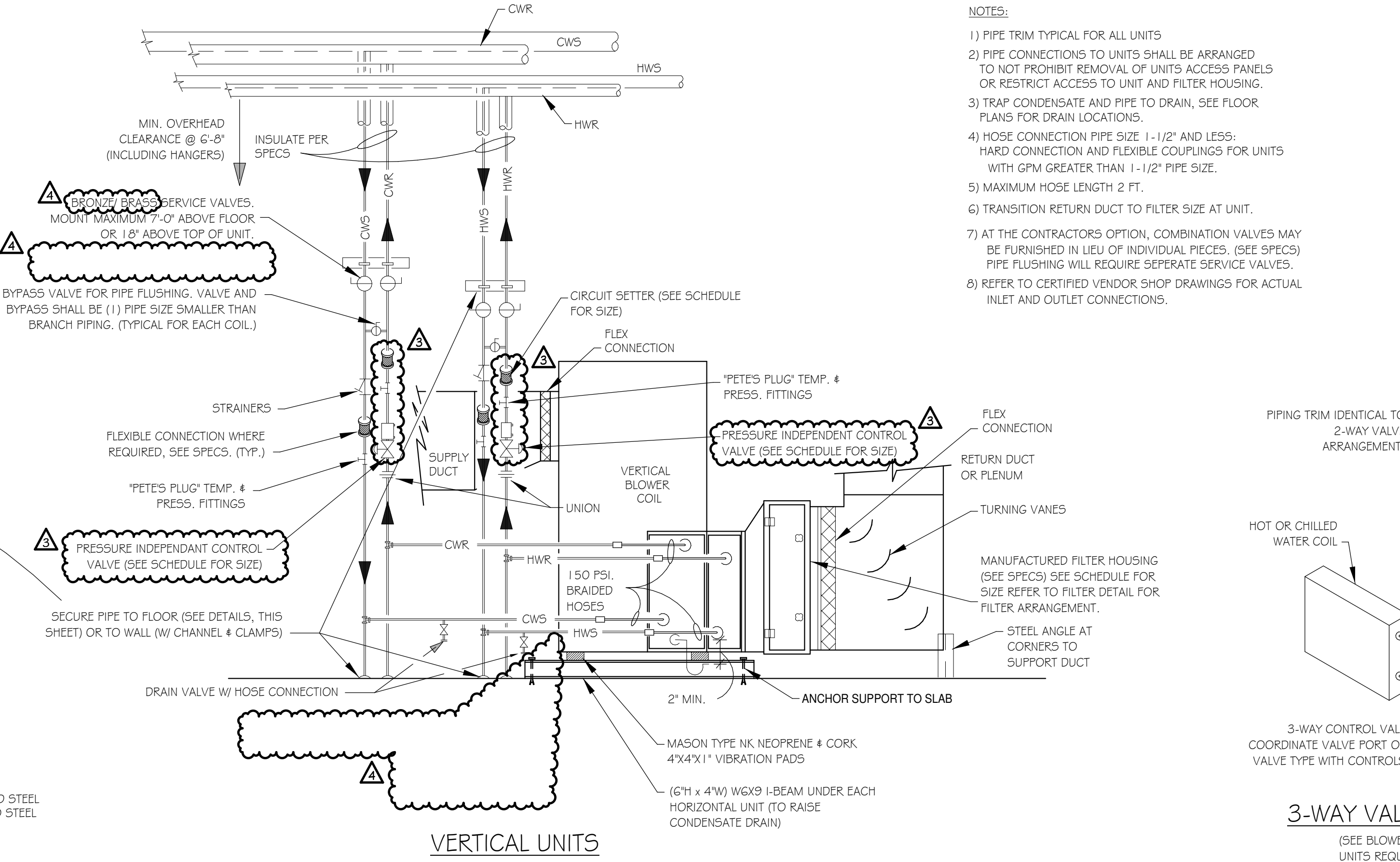
AIR HANDLER DRAIN TRAP
AND VENT DETAIL
NO SCALE



PIPE SUPPORT DETAIL
NO SCALE

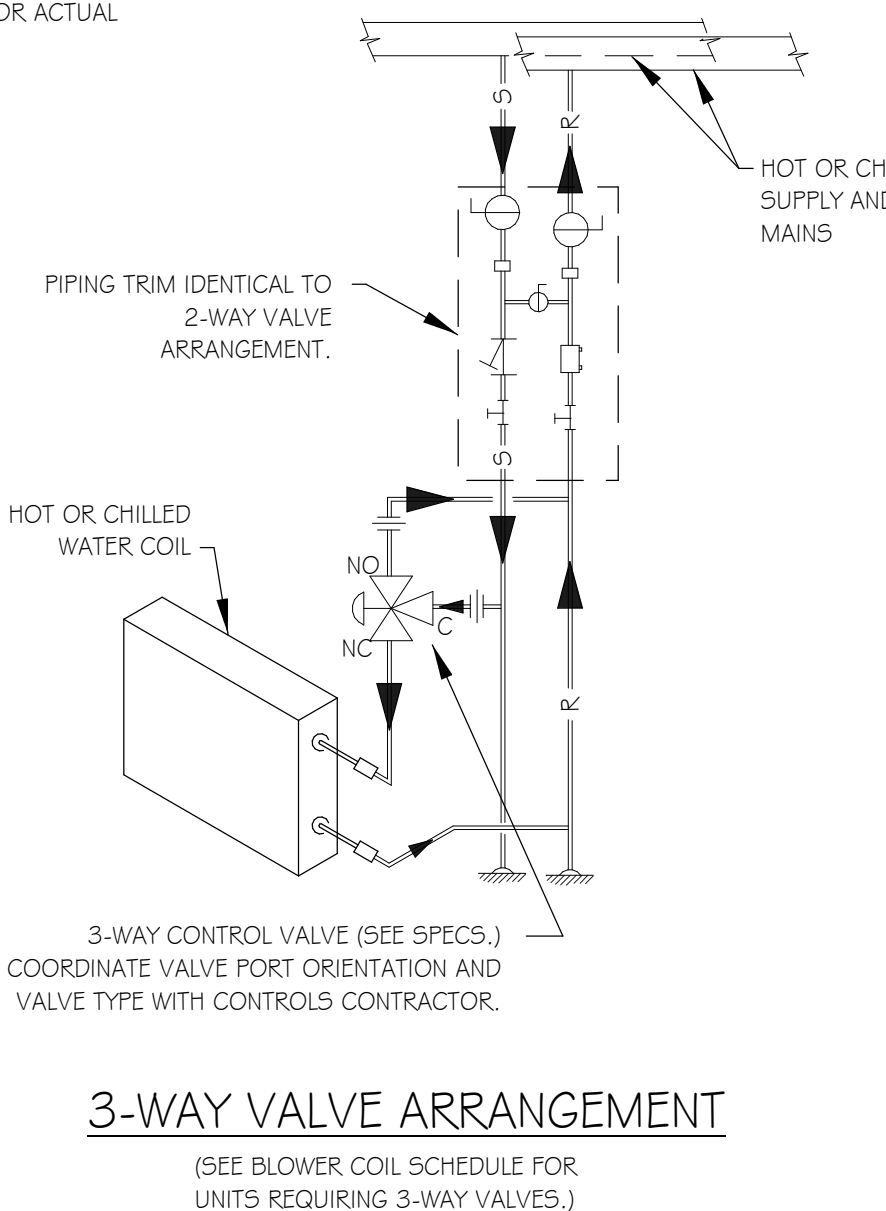


PIPE CONNECTION TO FLOOR FLANGE
NO SCALE



VERTICAL UNITS

BLOWER COIL INSTALLATION DETAILS
NO SCALE



3-WAY VALVE ARRANGEMENT
(SEE BLOWER COIL SCHEDULE FOR UNITS REQUIRING 3-WAY VALVES.)

- NOTES:
- 1.) DISTANCE SHALL BE 2" OR 1/2" GREATER THAN THE FAN SUCTION PRESSURE (WHICH EVER IS GREATER).
 - 2.) DRAIN SHALL BE COPPER TUBING OF SIZE NOTED OR EQUAL TO AIR HANDLER DRAIN CONNECTION.

- NOTES:
- 1) PIPE TRIM TYPICAL FOR ALL UNITS
 - 2) PIPE CONNECTIONS TO UNITS SHALL BE ARRANGED TO NOT PROHIBIT REMOVAL OF UNITS ACCESS PANELS OR RESTRICT ACCESS TO UNIT AND FILTER HOUSING.
 - 3) TRAP CONDENSATE AND PIPE TO DRAIN, SEE FLOOR PLANS FOR DRAIN LOCATIONS.
 - 4) HOSE CONNECTION PIPE SIZE 1-1/2" AND LESS: HARD CONNECTION AND FLEXIBLE COUPLINGS FOR UNITS WITH GPM GREATER THAN 1-1/2" PIPE SIZE.
 - 5) MAXIMUM HOSE LENGTH 2 FT.
 - 6) TRANSITION RETURN DUCT TO FILTER SIZE AT UNIT.
 - 7) AT THE CONTRACTOR'S OPTION, COMBINATION VALVES MAY BE FURNISHED IN LIEU OF INDIVIDUAL PIECES. (SEE SPECS) PIPE FLUSHING WILL REQUIRE SEPARATE SERVICE VALVES.
 - 8) REFER TO CERTIFIED VENDOR SHOP DRAWINGS FOR ACTUAL INLET AND OUTLET CONNECTIONS.

PIPE A DEMONSTRATION UNIT FOR OWNER AND ENGINEER REVIEW PRIOR TO PIPING REMAINING UNITS.