

REFLECTED CEILING PLAN, FIRST LEVEL
SCALE: 1/8" = 1'-0"
NORTH

NEW STEM FACILITY

149 SE COLLEGE PL,
LAKE CITY, FL 32025

FLORIDA GATEWAY COLLEGE

BID DOCUMENTS

36-17116-00
12/11/2020
Revisions
ADD03 1/08/2021
ADD02 1/05/2021

REFLECTED CEILING PLAN NOTES:

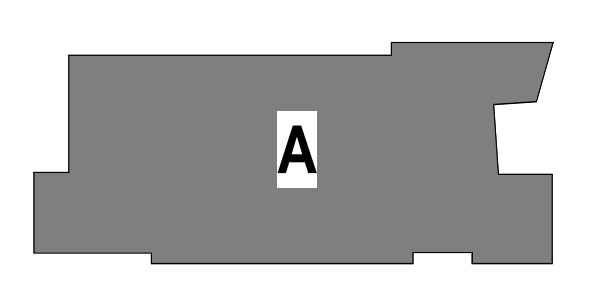
- A. REFLECTED CEILING PLAN GENERAL NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRID/PANELS SHALL BE CENTERED IN EACH ROOM UNLESS NOTED OTHERWISE.
- C. CEILING HEIGHTS ARE AS NOTED ON THE REFLECTED CEILING PLAN UNLESS NOTED OTHERWISE.
- D. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS, ETC. SHALL BE CENTERED BETWEEN CEILING GRIDS UNLESS NOTED OTHERWISE. SPRINKLER HEADS SHALL BE WITHIN A 3" RADIUS CENTERED BETWEEN CEILING GRIDS.
- E. IN ACOUSTICAL CEILING PANELS WITH SCORE IN THE CENTER, CENTER DEVICES REFERENCED IN NOTES, IN ONE HALF OF THE TILE. DO NOT LOCATE ON THE SCORE. FOR APC WITH MULTIPLE SCORED PATTERNS, COORDINATE LOCATION WITH ARCHITECT.
- F. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, ETC. AT ACOUSTICAL PANEL CEILINGS.
- G. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
 - 1. FACE OF FINISHED WALL
 - 2. FACE OF FINISHED BULKHEADS
 - 3. CENTERLINE OF COLUMNS
 - 4. CENTERLINE OF TEES

- H. IN AREAS WITH EXPOSED STRUCTURE CEILINGS, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK, AND ELECTRICAL FIXTURES WITH EACH RESPECTIVE SUBCONTRACTOR.
- I. ALL WALLS EXTEND TO UNDERSIDE OF DECK EXCEPT THOSE SHOWN SHADDED IN WHICH GYPSUM BOARD OR MASONRY EXTENDS MIN. 4" ABOVE FINISHED CEILING. ALL METAL STUDS EXTEND TO UNDERSIDE OF STRUCTURE.
- J. PROVIDE SINGLE ROLLER WINDOW SHADES (SR) AS SHOWN.
- K. PROVIDE DOUBLE ROLLER SHADES (DR) AT ALL CLASSROOM WINDOWS AS SHOWN.
- L. ALL GWB CEILING AND SKIMMS TO BE PAINTED BY U.N.C. REFLECTED CEILING PLAN.
- M. PAINT EXPOSED STEEL DECK AND STRUCTURE IN LOBBY AND COLLABORATION LEVEL 2, PT.1.

ROLLER SHADE LEGEND

- SR SINGLE ROLLER SHADE
- DR DOUBLE ROLLER WITH BLACKOUT SHADE

KEY PLAN

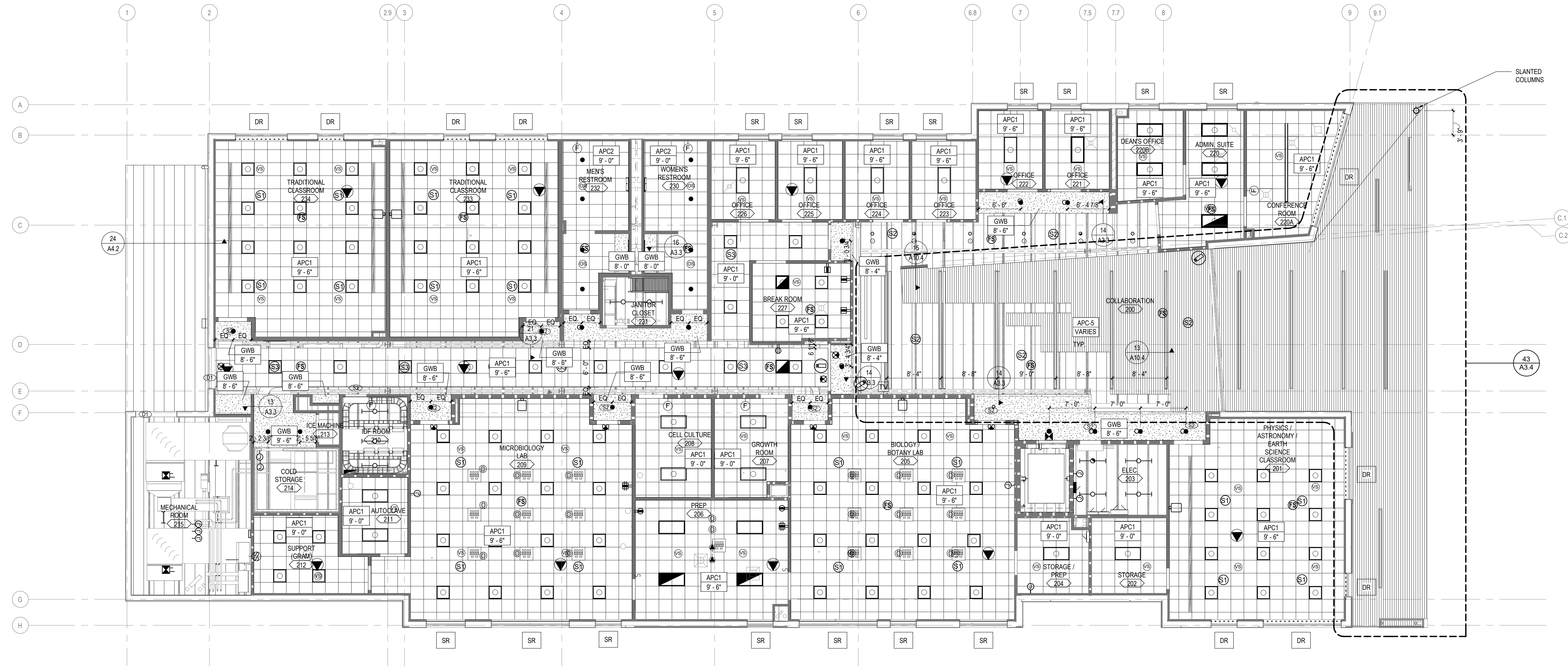
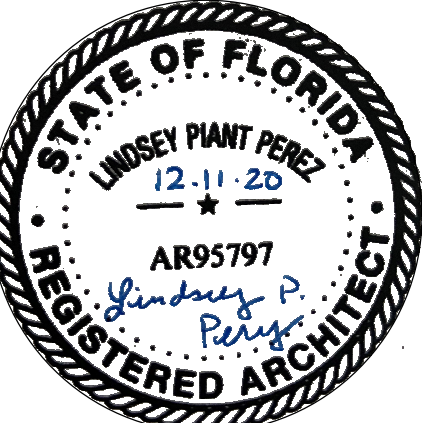


REFLECTED CEILING PLAN, FIRST LEVEL

A3.1



BIM 360/36-17116-00_Florida Gateway College - STEM Building/36-17116-00_AR_2020.rvt
 1/8/2021 9:56:19 AM



REFLECTED CEILING PLAN, SECOND LEVEL
SCALE: 1/8" = 1'-0"
NORTH

REFLECTED CEILING PLAN NOTES:

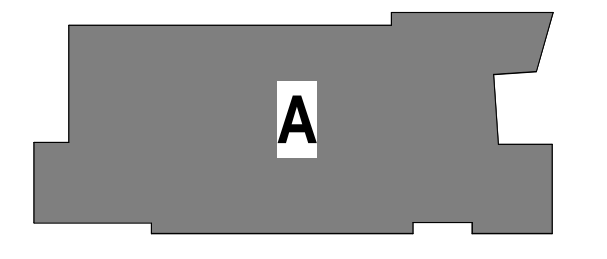
- A. REFLECTED CEILING PLAN GENERAL NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRID PANELS SHALL BE CENTERED IN EACH ROOM UNLESS NOTED OTHERWISE.
- C. CEILING HEIGHTS ARE AS NOTED ON THE REFLECTED CEILING PLAN UNLESS NOTED OTHERWISE.
- D. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS, ETC. SHALL BE CENTERED BETWEEN CEILING GRIDS UNLESS NOTED OTHERWISE. SPRINKLER HEADS SHALL BE WITHIN A 3" RADIUS CENTERED BETWEEN CEILING GRIDS.
- E. IN ACOUSTICAL CEILING PANELS WITH SCORE IN THE CENTER, CENTER DEVICES REFERENCED IN NOTED, IN ONE HALF OF THE TILE. DO NOT LOCATE ON THE SCORE. FOR APC WITH MULTIPLE SCORED PATTERNS, COORDINATE LOCATION WITH ARCHITECT.
- F. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, ETC. AT ACOUSTICAL PANEL CEILING.
- G. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
1. FACE OF FINISHED WALL
2. FACE OF FINISHED BULKHEADS
3. CENTERLINE OF COLUMNS
4. CENTERLINE OF TEES

- H. IN AREAS WITH EXPOSED STRUCTURE CEILINGS, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK, AND ELECTRICAL FIXTURES WITH EACH RESPECTIVE SUBCONTRACTOR.
- I. ALL WALLS EXTEND TO UNDERSIDE OF DECK EXCEPT THOSE SHOWN SHADED IN WHICH GYPSUM BOARD OR MASONRY EXTENDS MIN. 4" ABOVE FINISHED CEILING. ALL METAL STUDS EXTEND TO UNDERSIDE OF STRUCTURE.
- J. PROVIDE SINGLE ROLLER WINDOW SHADES (SR) AS SHOWN.
- K. PROVIDE DOUBLE ROLLER SHADES (DR) AT ALL CLASSROOM WINDOWS AS SHOWN.
- L. ALL SILENCERS AND SCIMITERS TO BE PRINTED BY U.N.C. OR REFLECTED CEILING PLAN.
- M. PAINT EXPOSED STEEL DECK AND STRUCTURE IN LOBBY AND COLLABORATION LEVEL 2, PT.1.

ROLLER SHADE LEGEND

- SR SINGLE ROLLER SHADE
- DR DOUBLE ROLLER WITH BLACKOUT SHADE

KEY PLAN



NEW STEM FACILITY

149 SE COLLEGE PL., LAKE CITY, FL 32025

FLORIDA GATEWAY COLLEGE

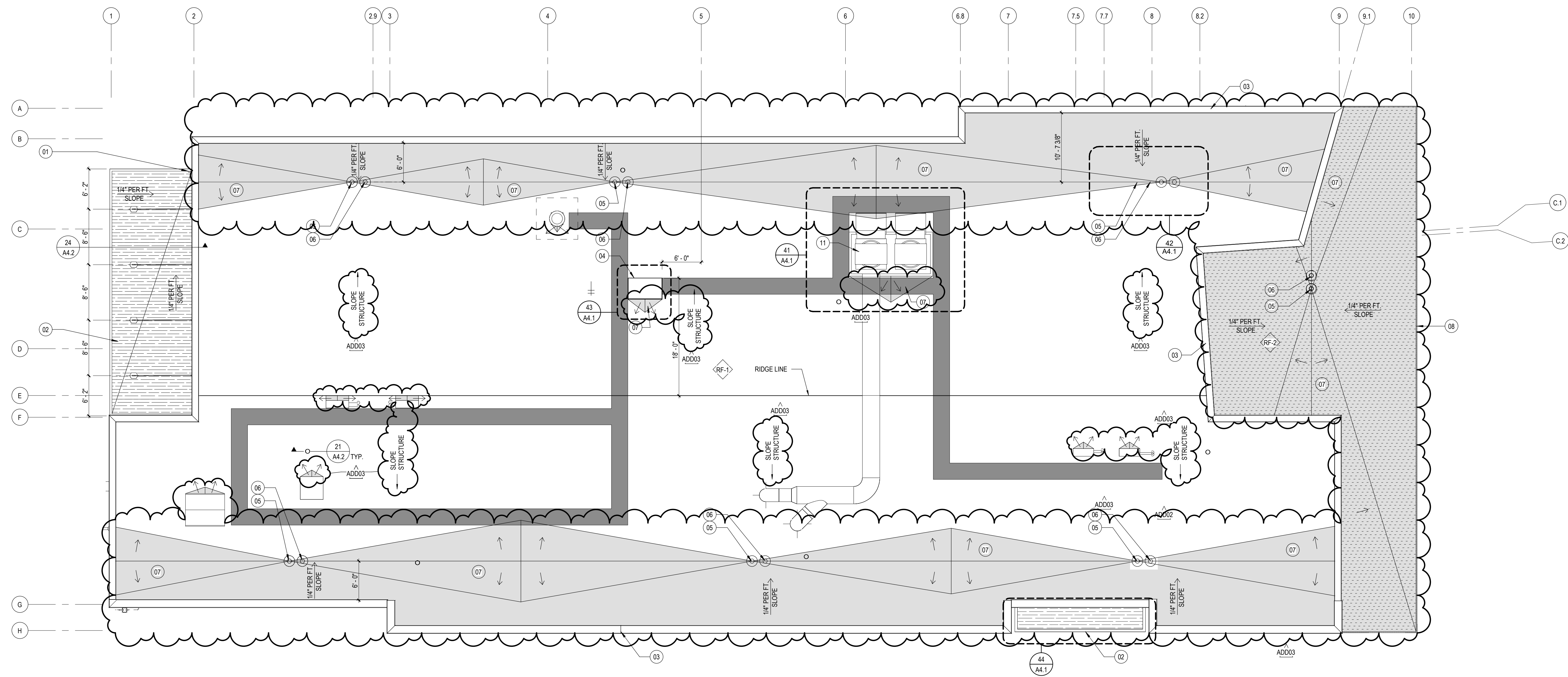
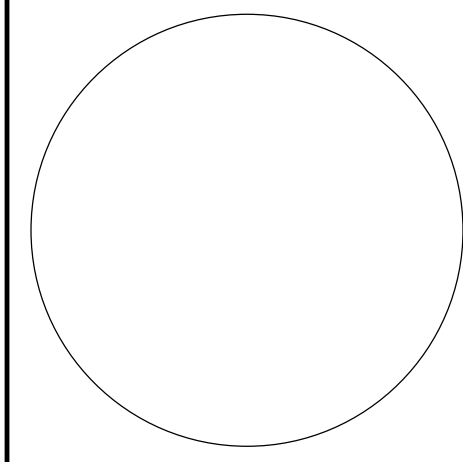
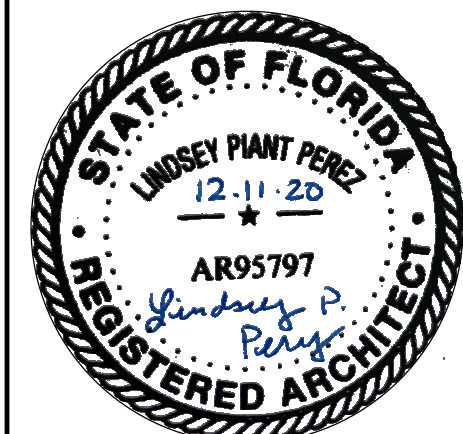
BID DOCUMENTS

36-17116-00
12/11/2020
Revisions
ADD03 1/08/2021
ADD02 1/05/2021

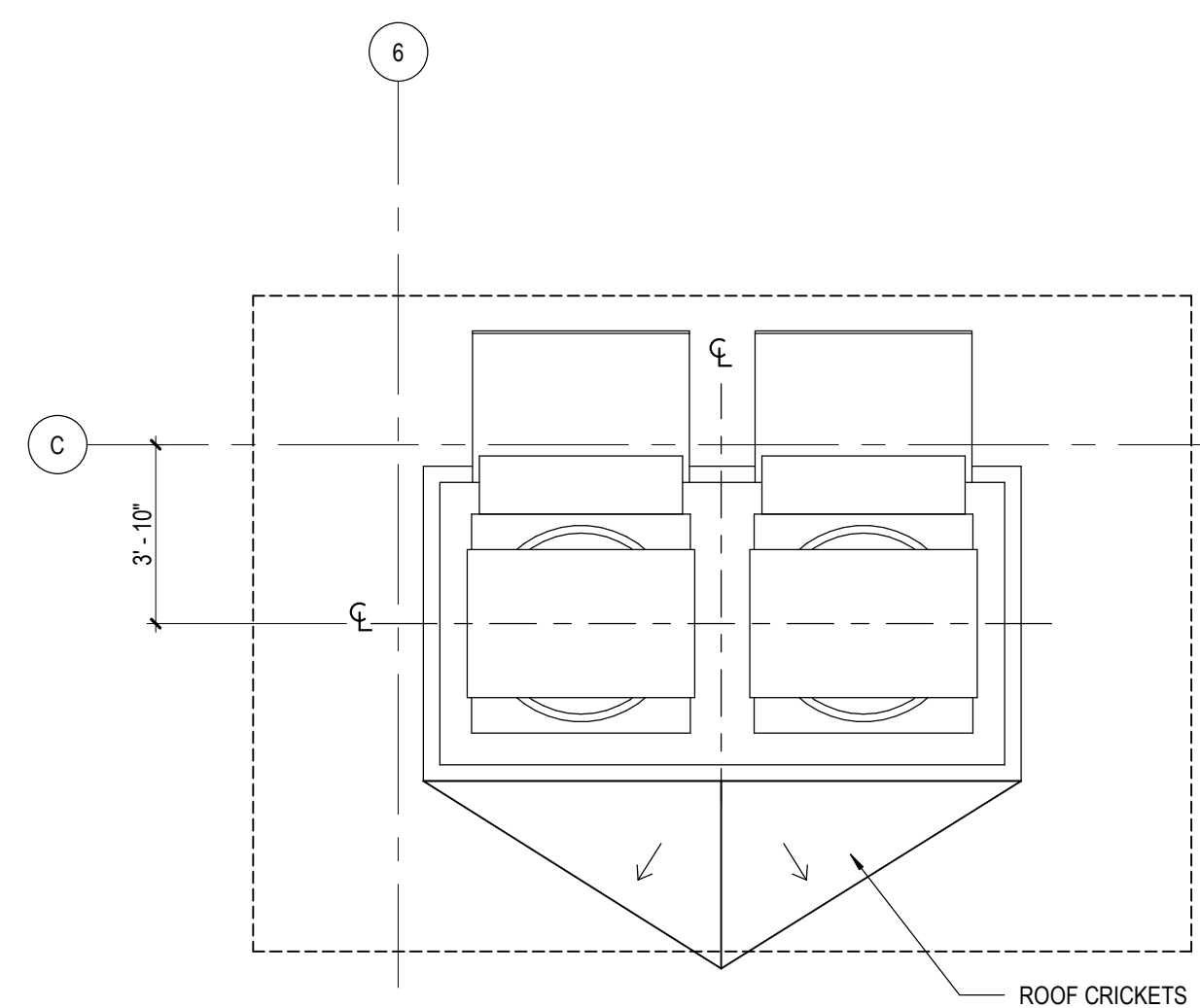
REFLECTED CEILING PLAN, SECOND LEVEL

A3.2

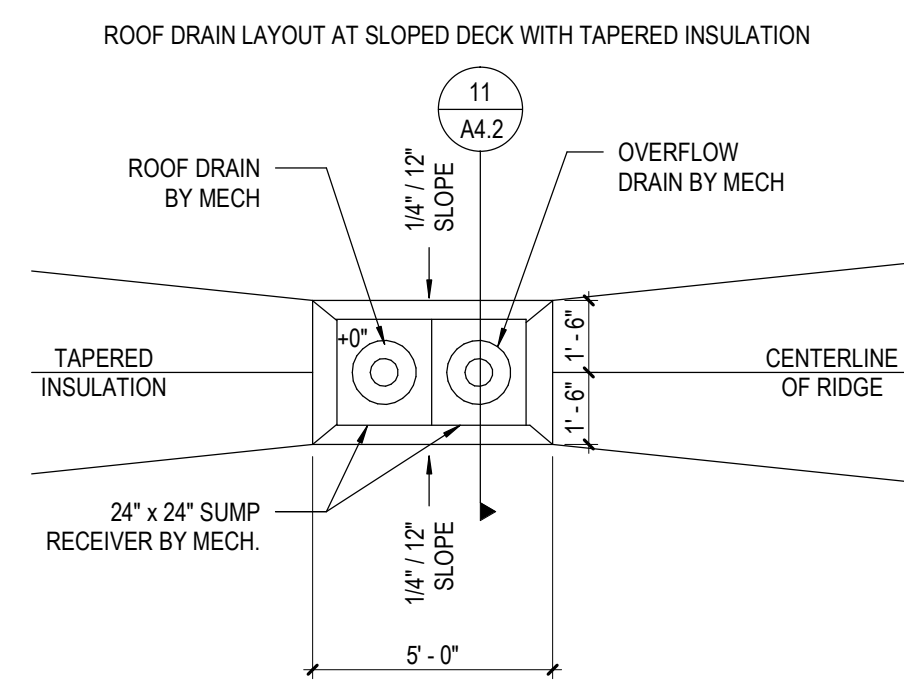
B:\360\36-17116-00_Florida Gateway College - STEM Building\36-17116-00_AR_2020.rvt 1/8/2021 12:47:51 PM



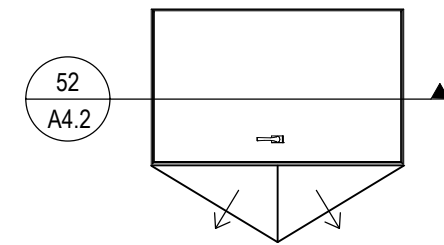
ROOF PLAN
SCALE: 1/8" = 1'-0"
NORTH



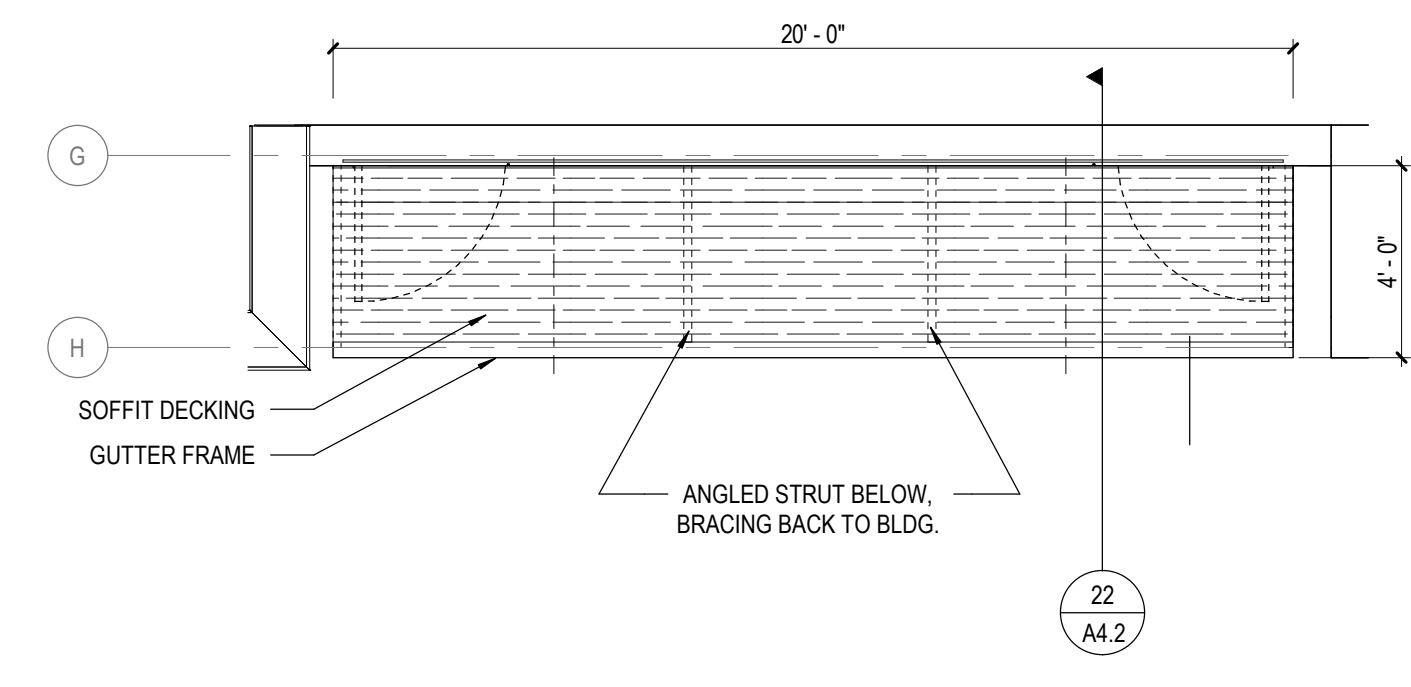
41 PLAN DETAIL @ EXHAUST EQUIPMENT
SCALE: 1/4" = 1'-0"



42 ROOF DRAIN DETAIL PLAN
SCALE: 1/4" = 1'-0"



43 ROOF HATCH
SCALE: 1/4" = 1'-0"



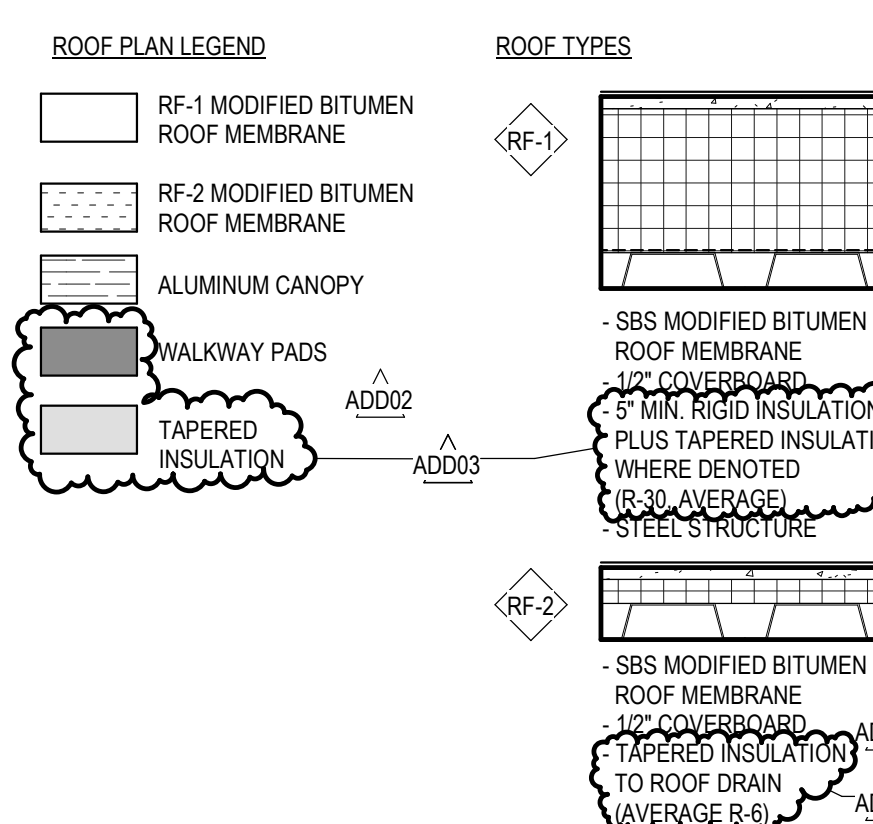
44 CANOPY @ ELEC./RISER ROOMS
SCALE: 1/4" = 1'-0"

EXTERIOR MATERIALS LEGEND	
MATERIAL CODE	DESCRIPTION
03 11 00	CONCRETE FORMING
TB	CONCRETE TIE BEAM (RE: STRUCT)
TC	CONCRETE TIE COLUMN (RE: STRUCT)
03 30 00 CAST-IN-PLACE CONCRETE	
CON-1	CONCRETE, SLAB-ON-GRADE
CON-2	CONCRETE, SLAB ON METAL DECK
04 22 00 CONCRETE UNIT MASONRY	
CMU-1	8" CONCRETE MASONRY UNIT
05 31 00 STEEL DECKING	
MRD-1	1 1/2" METAL ROOF DECK
05 40 00 COLD-FORMED METAL FRAMING	
MTL-1	7/8" MTL. FURRING HAT CHANNEL
MTL-2	2 1/2" COLD-FORMED METAL FRAMING
MTL-3	3 5/8" COLD-FORMED METAL FRAMING
MTL-6	6" COLD-FORMED METAL FRAMING

EXTERIOR MATERIALS LEGEND	
MATERIAL CODE	DESCRIPTION
05 50 00 METAL FABRICATIONS	
ALUM-4	ALUMINUM STAIR RAILINGS
ALUM-5	ALUMINUM CANOPY
DS	DOWNSPOUT
05 77 00 DECORATIVE EXTRUDED METAL	
MP01	FACTORY FINISHED METAL PANEL
MP02	FACTORY FINISHED METAL PANEL
07 10 00 DAMPPROOFING AND WATERPROOFING	
VB	VAPOR BARRIER
VM	VAPOR MEMBRANE
07 21 00 THERMAL INSULATION	
RI-1	1" RIGID INSULATION
RI-2	2" RIGID INSULATION
RI-6	6" RIGID INSULATION
07 48 00 RAINSCREEN ATTACHMENT SYSTEM	
MTL-4	2" METAL RAIL SYSTEM

EXTERIOR MATERIALS LEGEND	
MATERIAL CODE	DESCRIPTION
07 52 00 MODIFIED BITUMINOUS MEMBRANE ROOFING	
RF-1	MOD. BIT. ROOF SYSTEM
RF-2	MOD. BIT. ROOF SYSTEM
07 60 00 FLASHING AND SHEET METAL	
MTL-5	METAL COPING
08 11 00 METAL DOORS AND FRAMES	
HMF	HOLLOW METAL DOORS & FRAME (RE: DOOR SCHED)
08 40 00 ENTRANCES STOREFRONTS AND CURTAINWALLS	
ALUM-1	ALUMINUM STOREFRONT SYSTEM
ALUM-3	ALUMINUM FRAMED ENTRANCES
08 91 00 LOUVERS	
LOU-1	FIXED LOUVER
LOU-2	FIXED LOUVER
09 24 00 CEMENT PLASTERING	
CP01	CEMENT PLASTER

EXTERIOR MATERIALS LEGEND	
MATERIAL CODE	DESCRIPTION
09 29 00 GYPSUM BOARD	
GSB	GYPSUM SHEATHING
GWB	GYPSUM BOARD
09 51 13 ACOUSTICAL PANEL CEILINGS	
APC	SUSP. CEILING SYSTEM (SEE RCP'S)
09 54 23 LINEAR METAL CEILING SYSTEMS	
MC01	LINEAR METAL CEILING SYSTEMS
09 84 47 MODULAR METAL WALL SYSTEM	
MC02	LINEAR METAL WALL SYSTEM



ROOF PLAN GENERAL NOTES:

A. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.

B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.

C. ALL ROOF CURBS TO BE A MINIMUM OF 12" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.

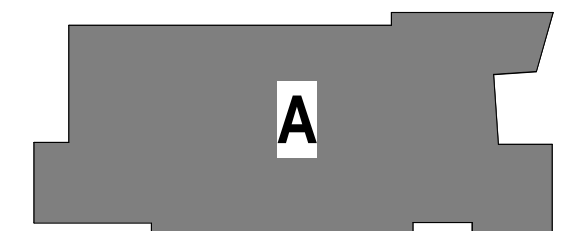
D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.

E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.

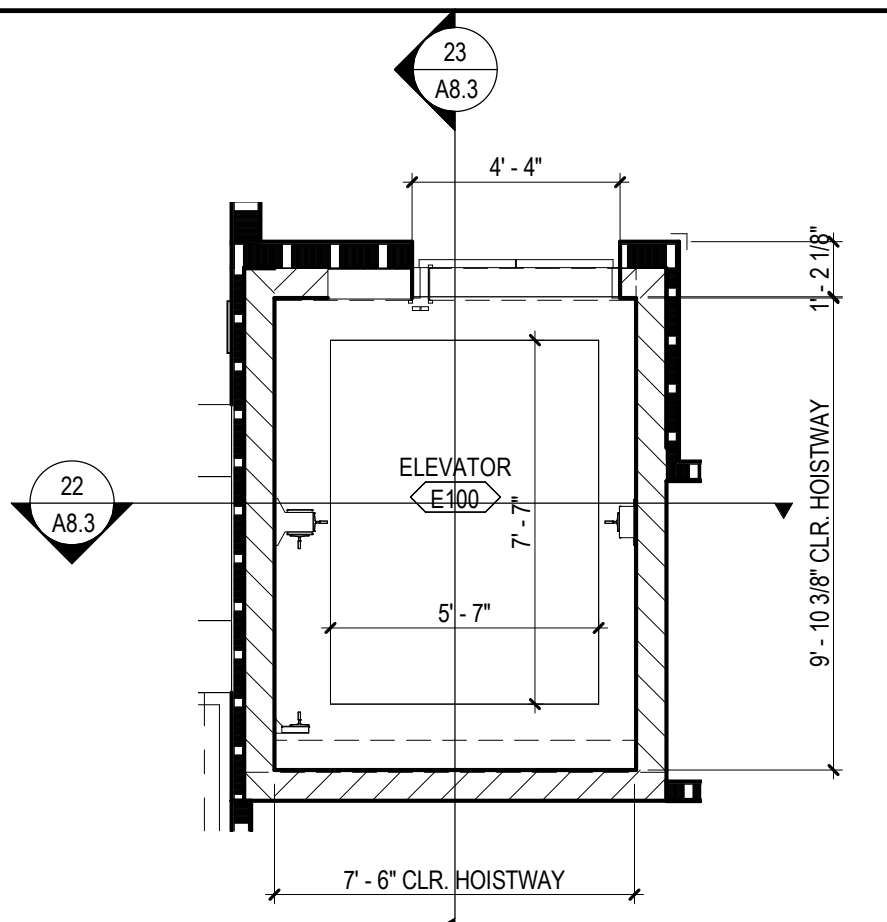
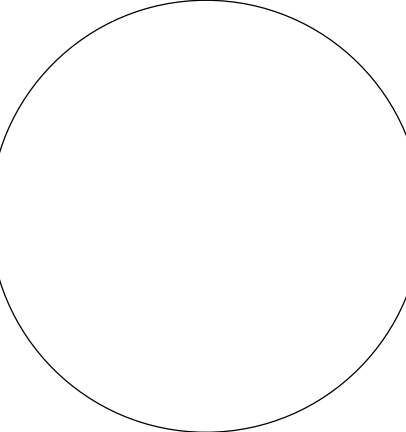
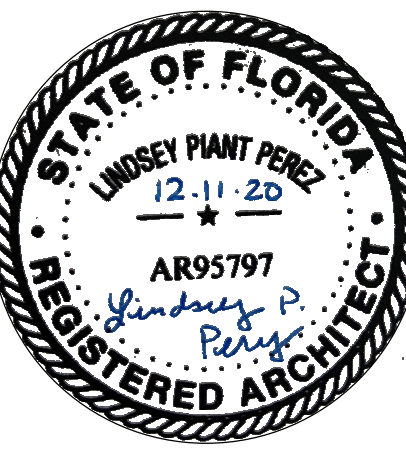
F. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.

- LEGEND NOTES**
- 01 CANOPY DOWNSPOUT
 - 02 ALUMINUM CANOPY SYSTEM BY SPECIALTY ENGINEER. SEE STRUCTURAL.
 - 03 CONTINUOUS ROOF PARAPET PRE-FINISHED METAL COPING
 - 04 30" X 54" SHIP LADDER ROOF ACCESS HATCH
 - 05 MAIN ROOF DRAIN
 - 06 OVERFLOW ROOF DRAIN
 - 07 CRICKET, SLOPE TO DRAINS
 - 08 CONTINUOUS ROOF PARAPET FASCIA SYSTEM
 - 09 DELETED
 - 10 ROOF MOUNTED MECHANICAL EQUIPMENT
 - 11 ROOF MOUNTED MECHANICAL EXHAUST

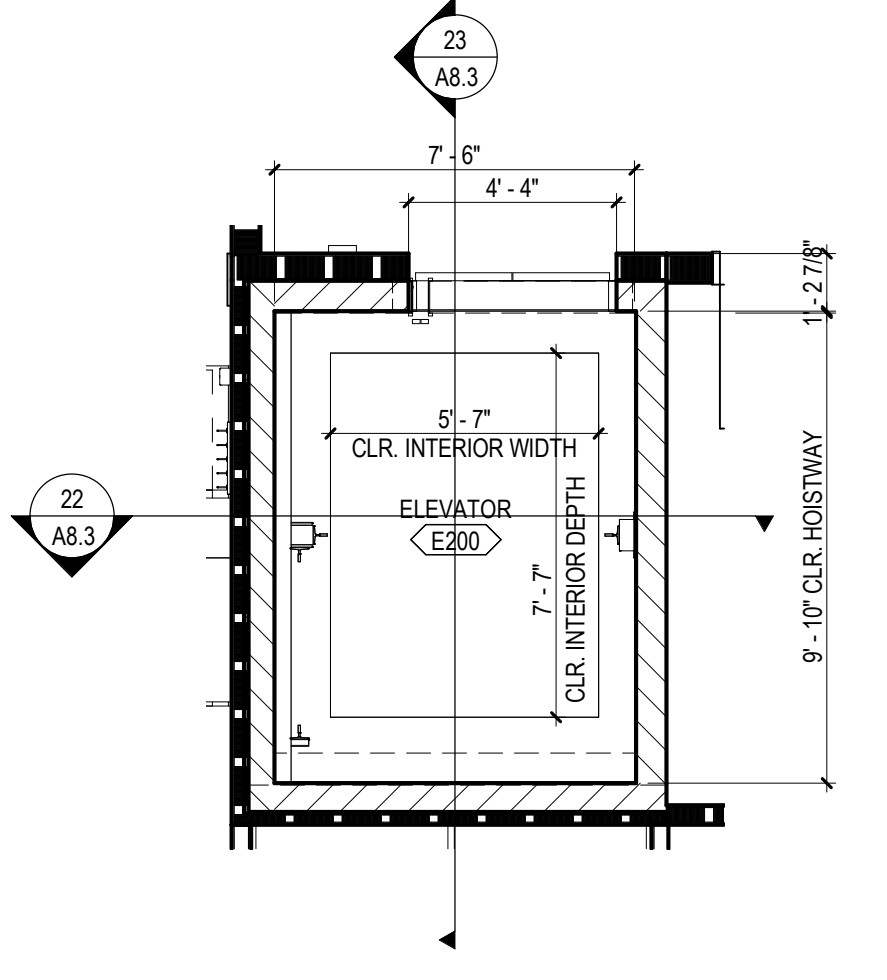
KEY PLAN



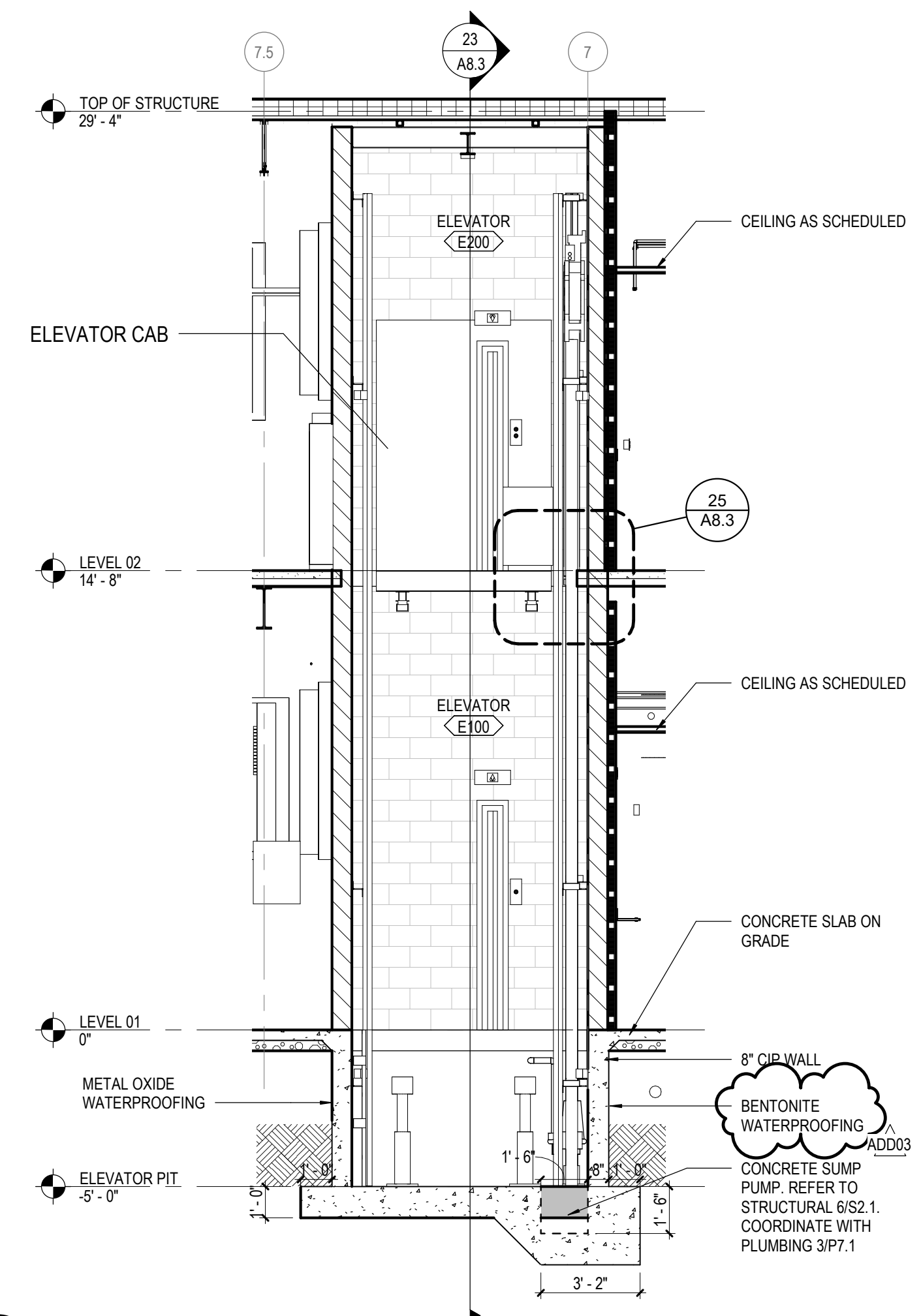
B:\17116-00_17116-00_Florida Gateway College - STEM Building\36-17116-00_AR_A4.1.dwg



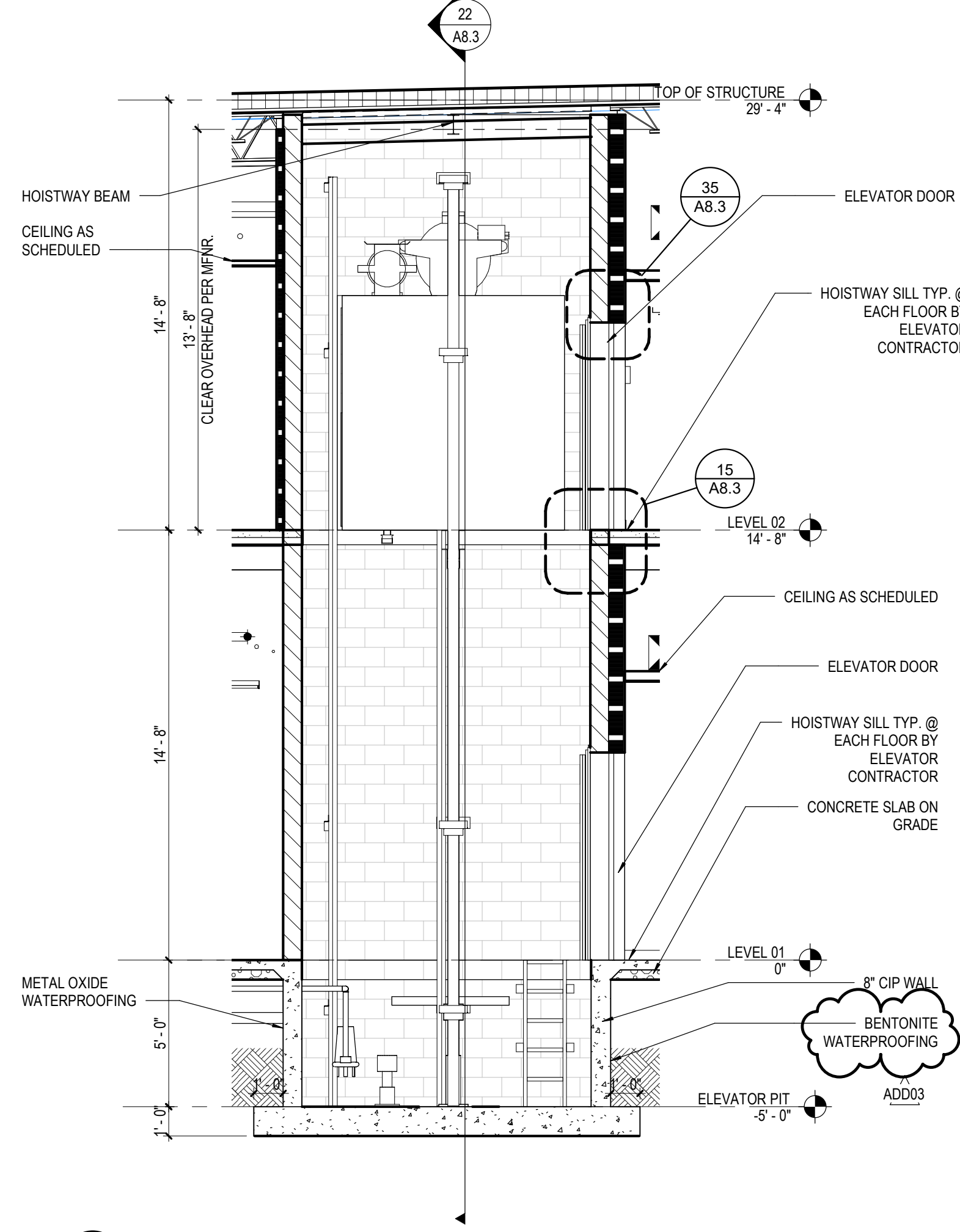
11 ELEVATOR, FIRST FLOOR
SCALE: 1/4" = 1'-0"



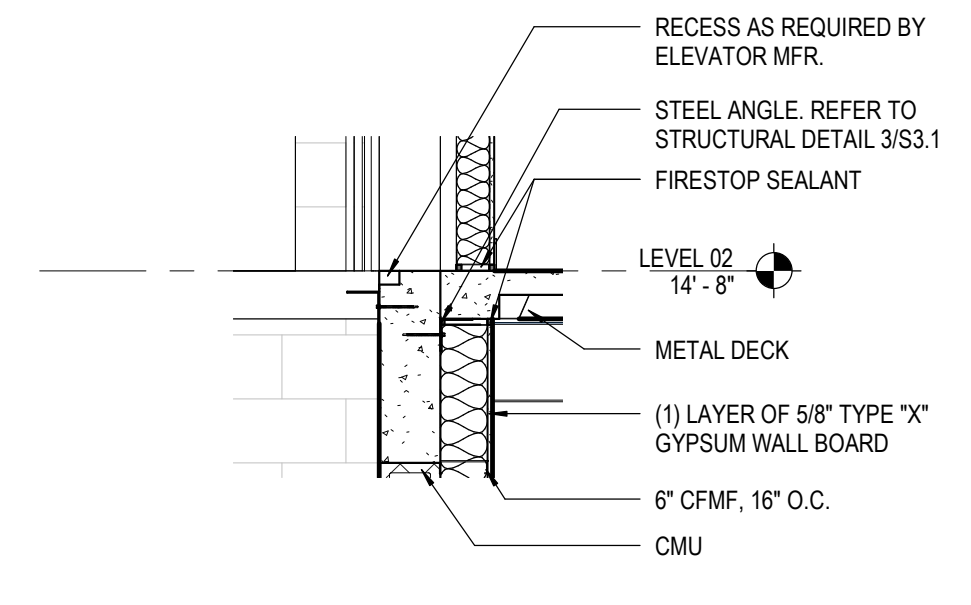
21 ELEVATOR, SECOND FLOOR
SCALE: 1/4" = 1'-0"



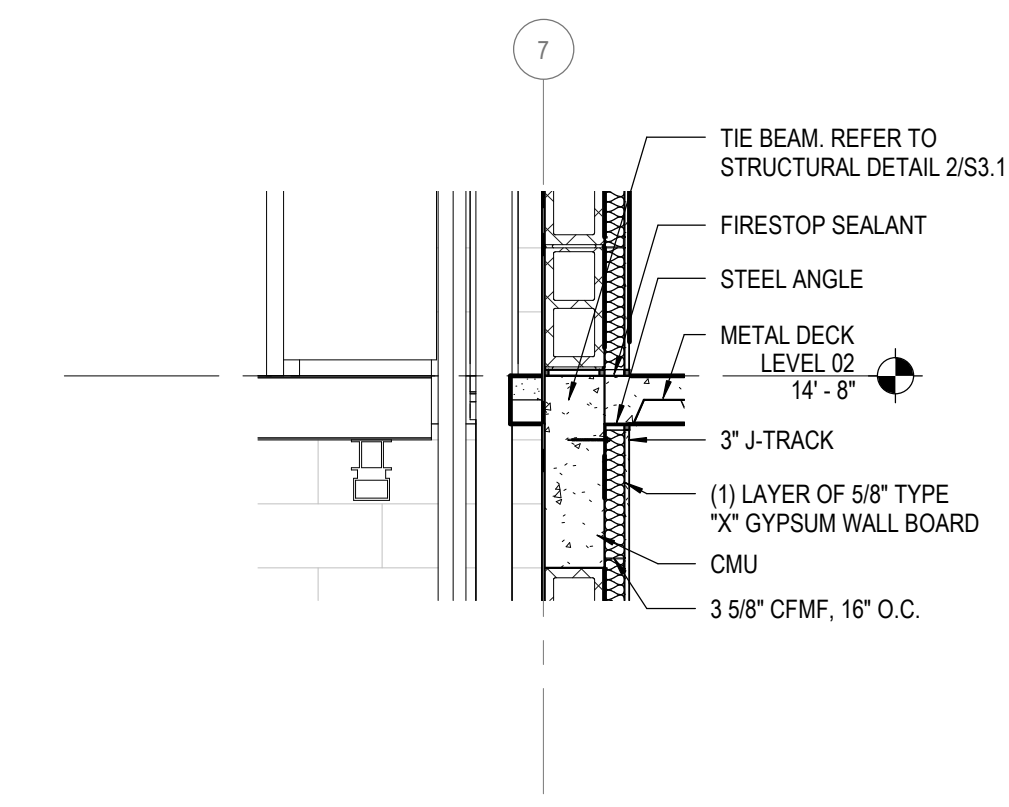
22 SECTION E/W - ELEVATOR
SCALE: 1/4" = 1'-0"



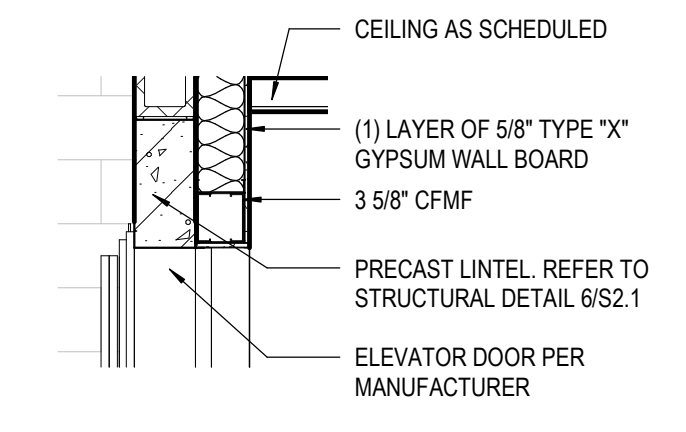
23 SECTION N/S - ELEVATOR
SCALE: 1/4" = 1'-0"



15 ELEVATOR SHAFT @ DOOR SILL
SCALE: 1/2" = 1'-0"

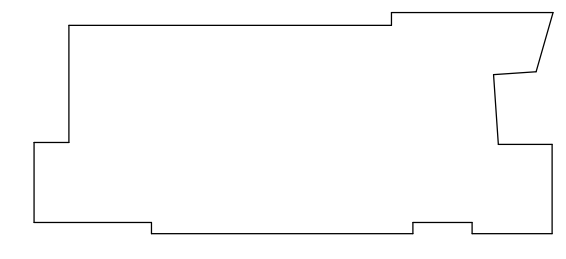


25 ELEVATOR SHAFT @ FLOOR
SCALE: 1/2" = 1'-0"



35 ELEVATOR SHAFT @ DOOR HEAD
SCALE: 1/2" = 1'-0"

KEY PLAN



NEW STEM FACILITY
149 SE COLLEGE PL., LAKE CITY, FL 32025

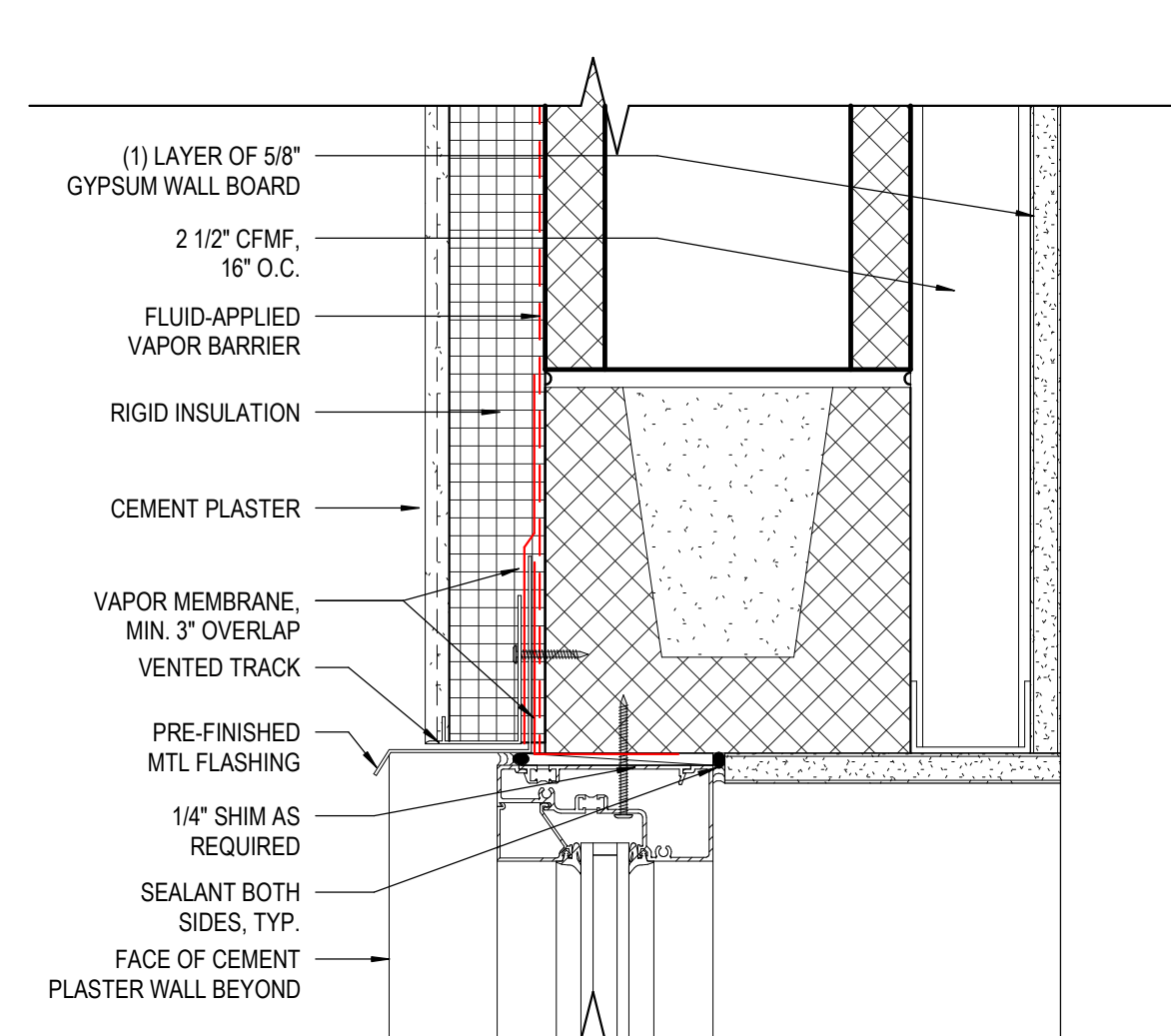
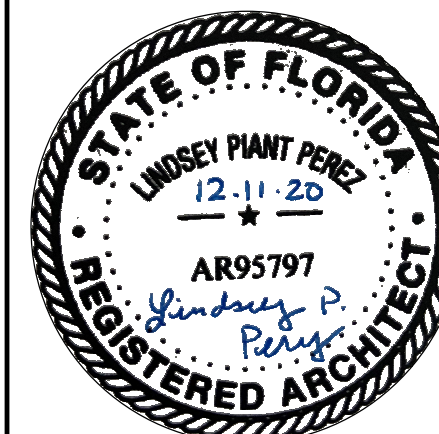
FLORIDA GATEWAY COLLEGE

BID DOCUMENTS

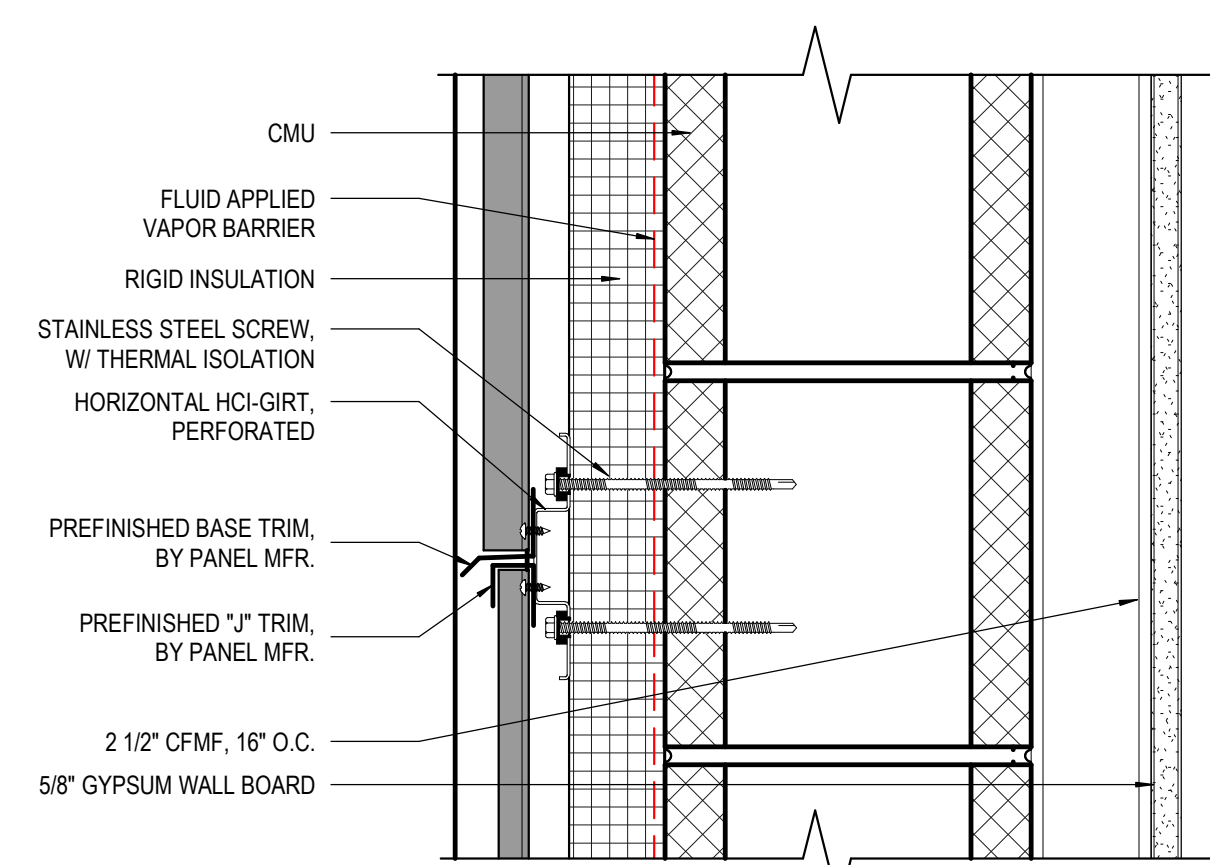
36-17116-00
12/11/2020
Revisions:
ADD03: 1/08/2021

VERTICAL CIRCULATION

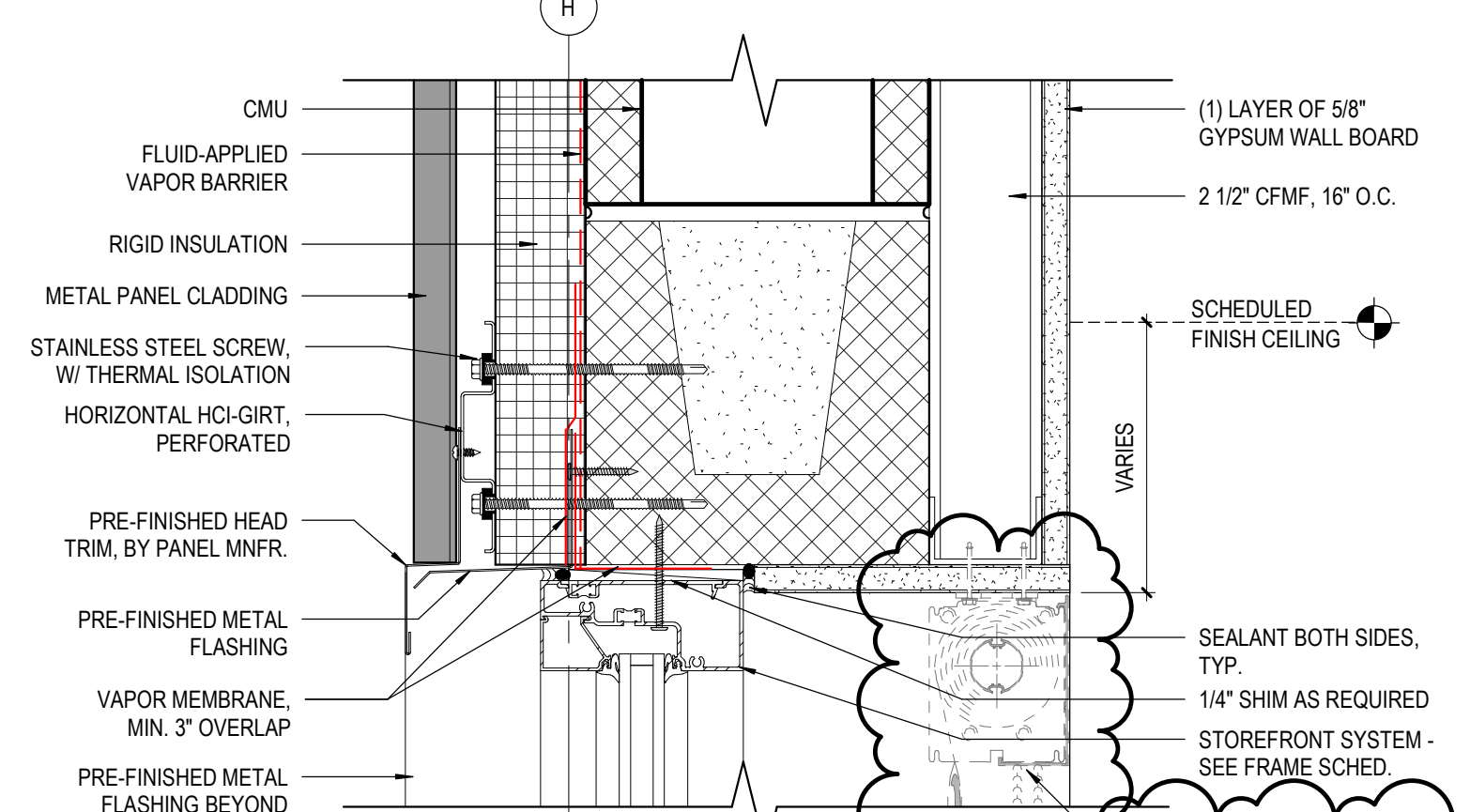
A8.3



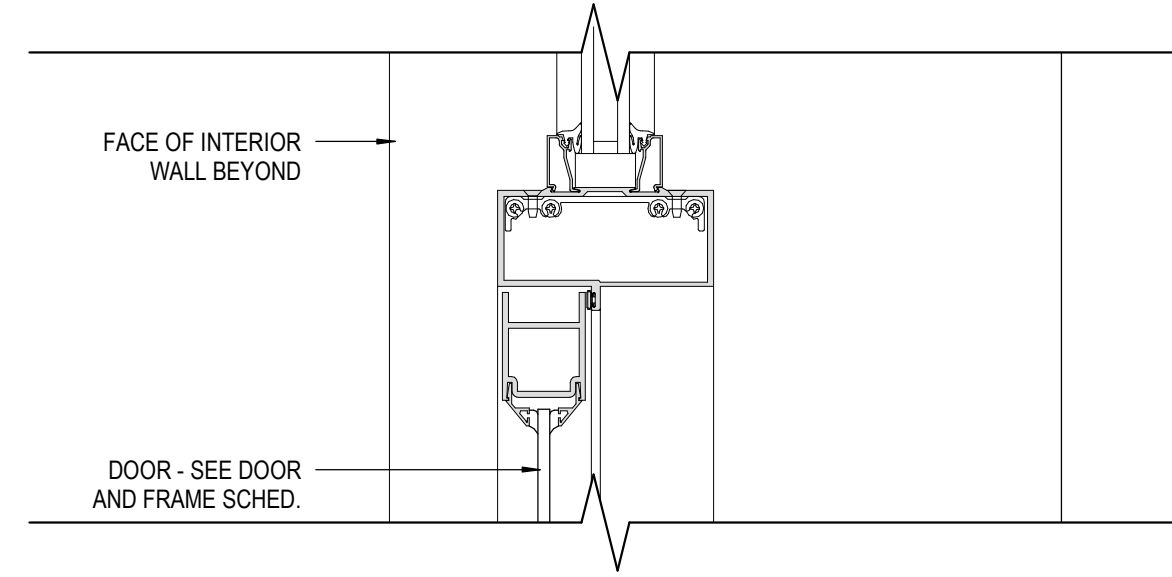
12 DETAIL - TYP. MTL PANEL TRANSITION
A10.2 SCALE: 3" = 1'-0"



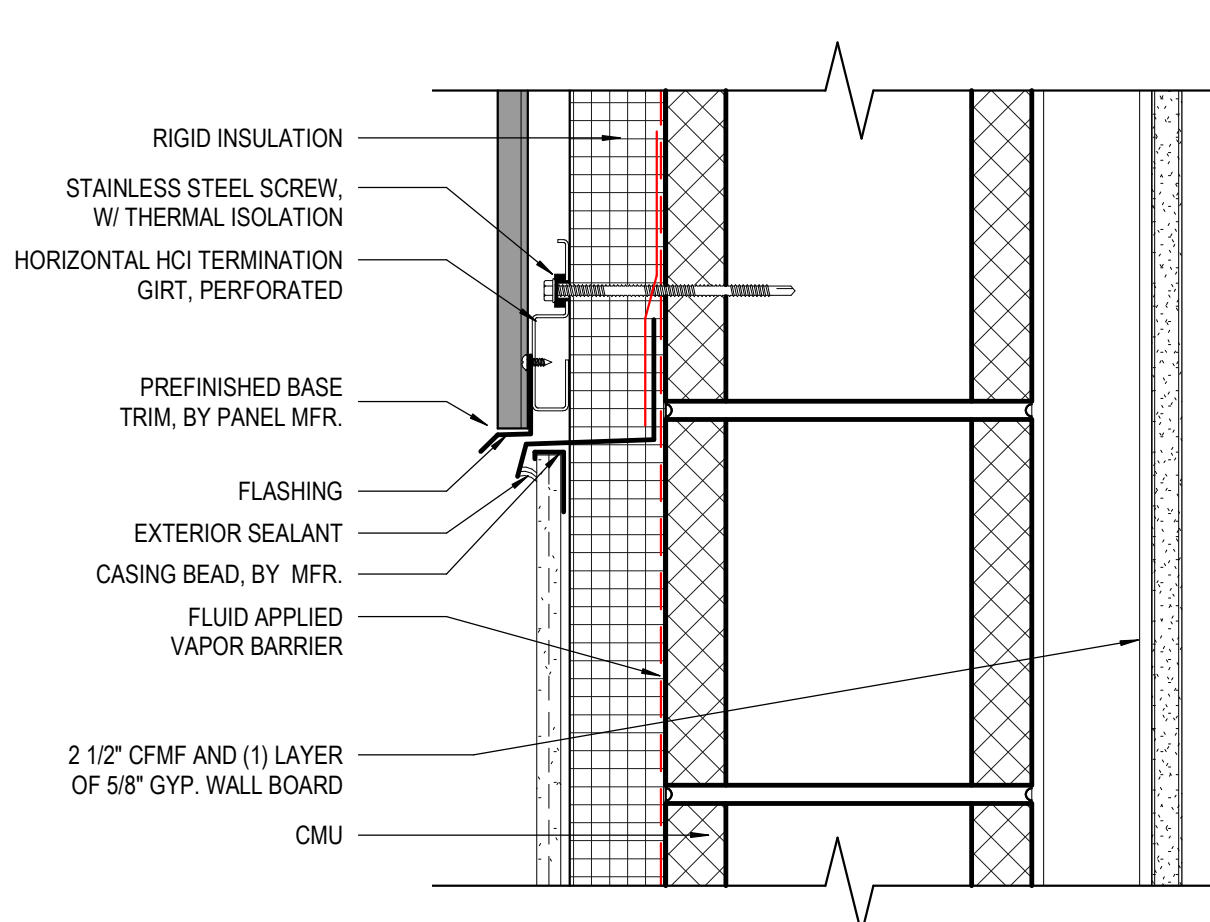
13 DETAIL - STOREFRONT HEAD DETAIL @ WOOD CLAD WALL
A10.2 SCALE: 3" = 1'-0"



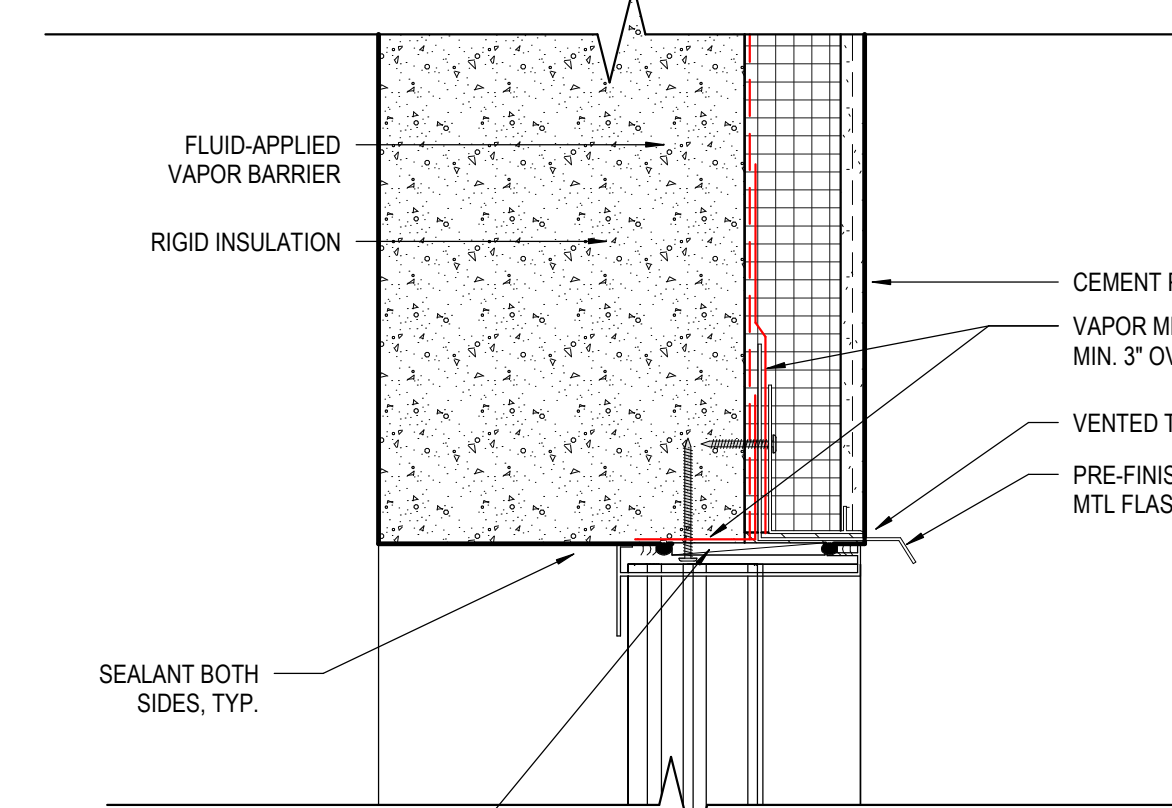
14 DETAIL - TYP. STOREFRONT HEAD @ MTL PANEL
A10.2 SCALE: 3" = 1'-0"



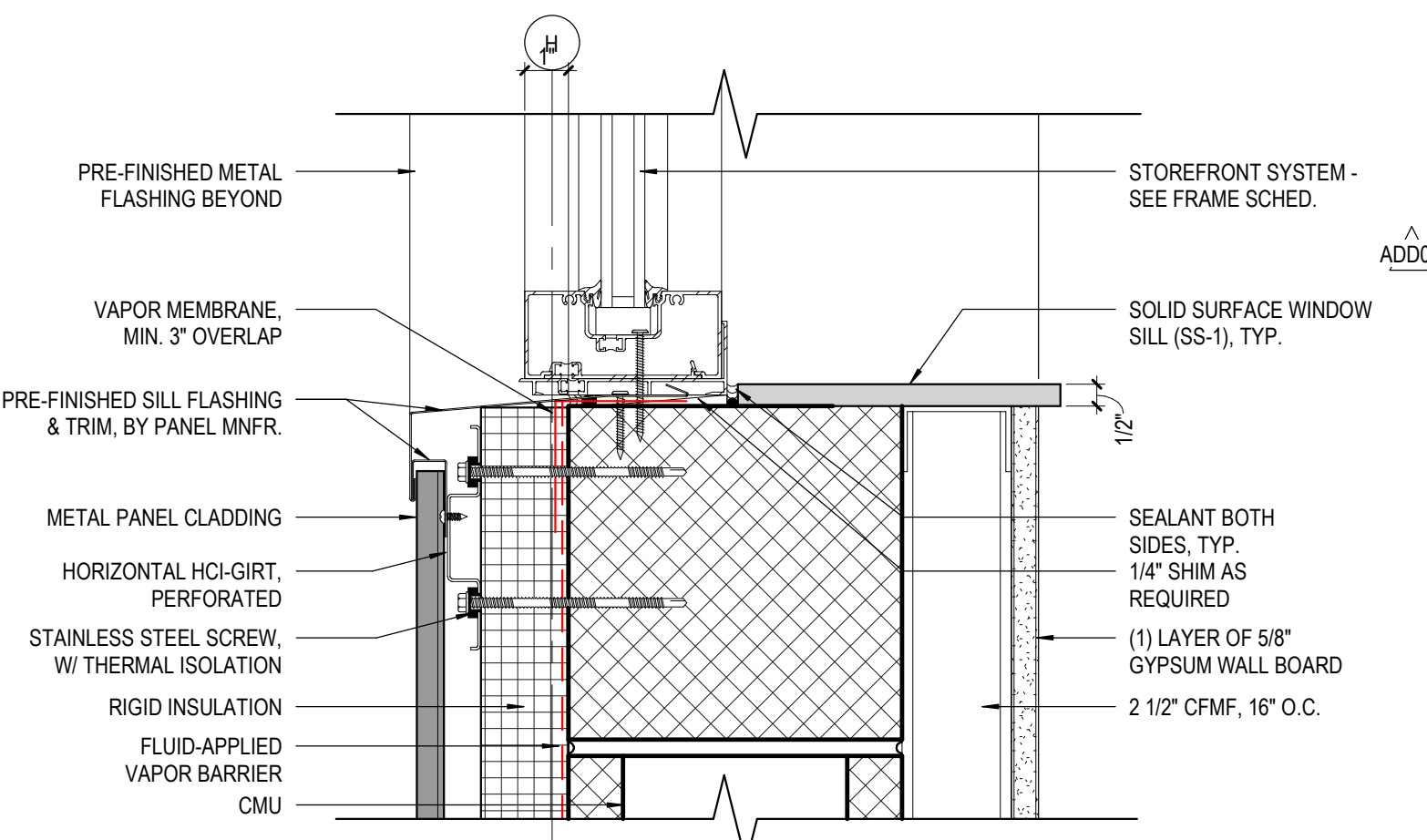
21 DETAIL - STOREFRONT HEAD/TRANSOM
A10.2 SCALE: 3" = 1'-0"



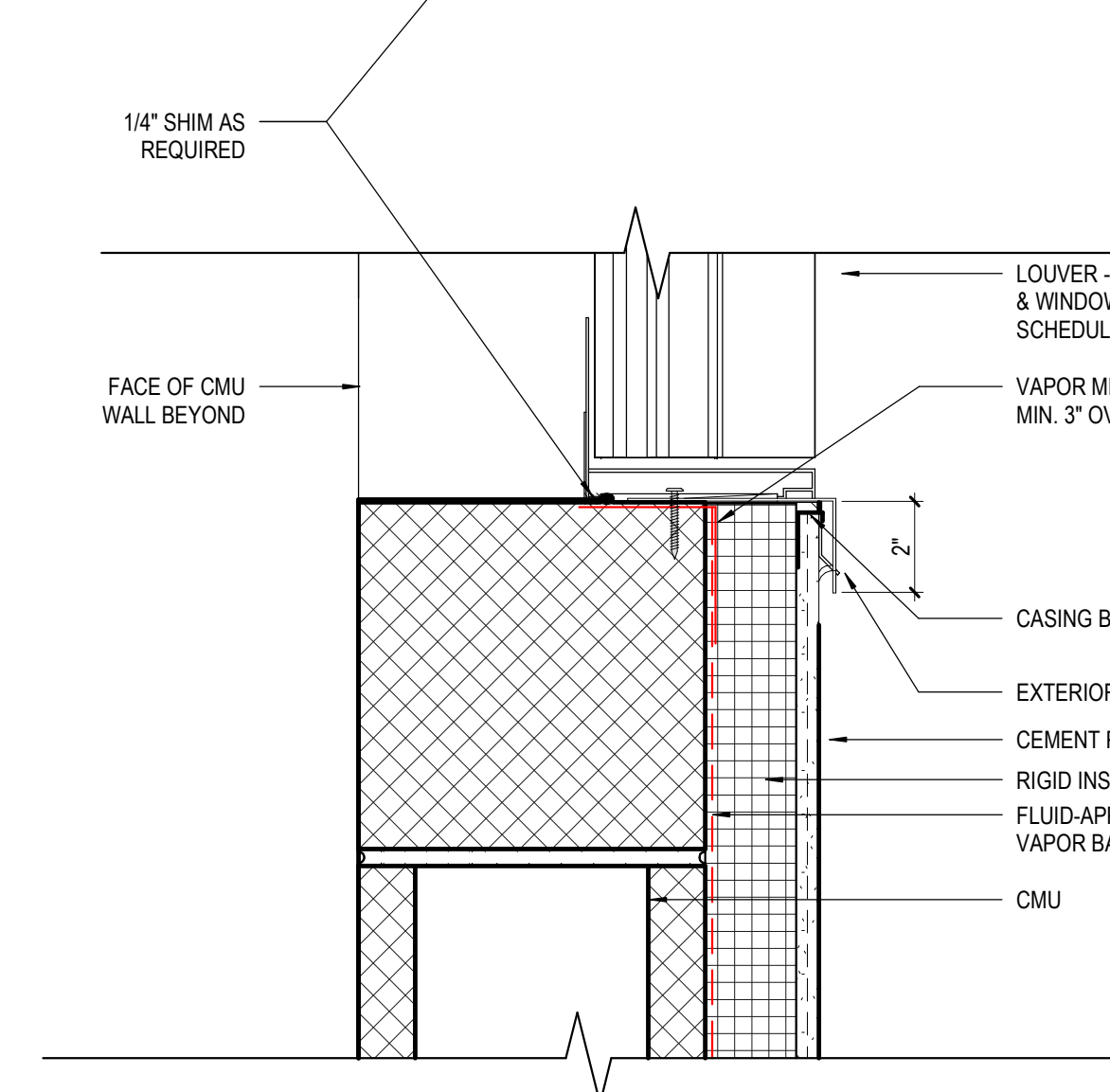
22 DETAIL - TYP. MTL PANEL / CEMENT PLASTER TRANSITION
A10.2 SCALE: 3" = 1'-0"



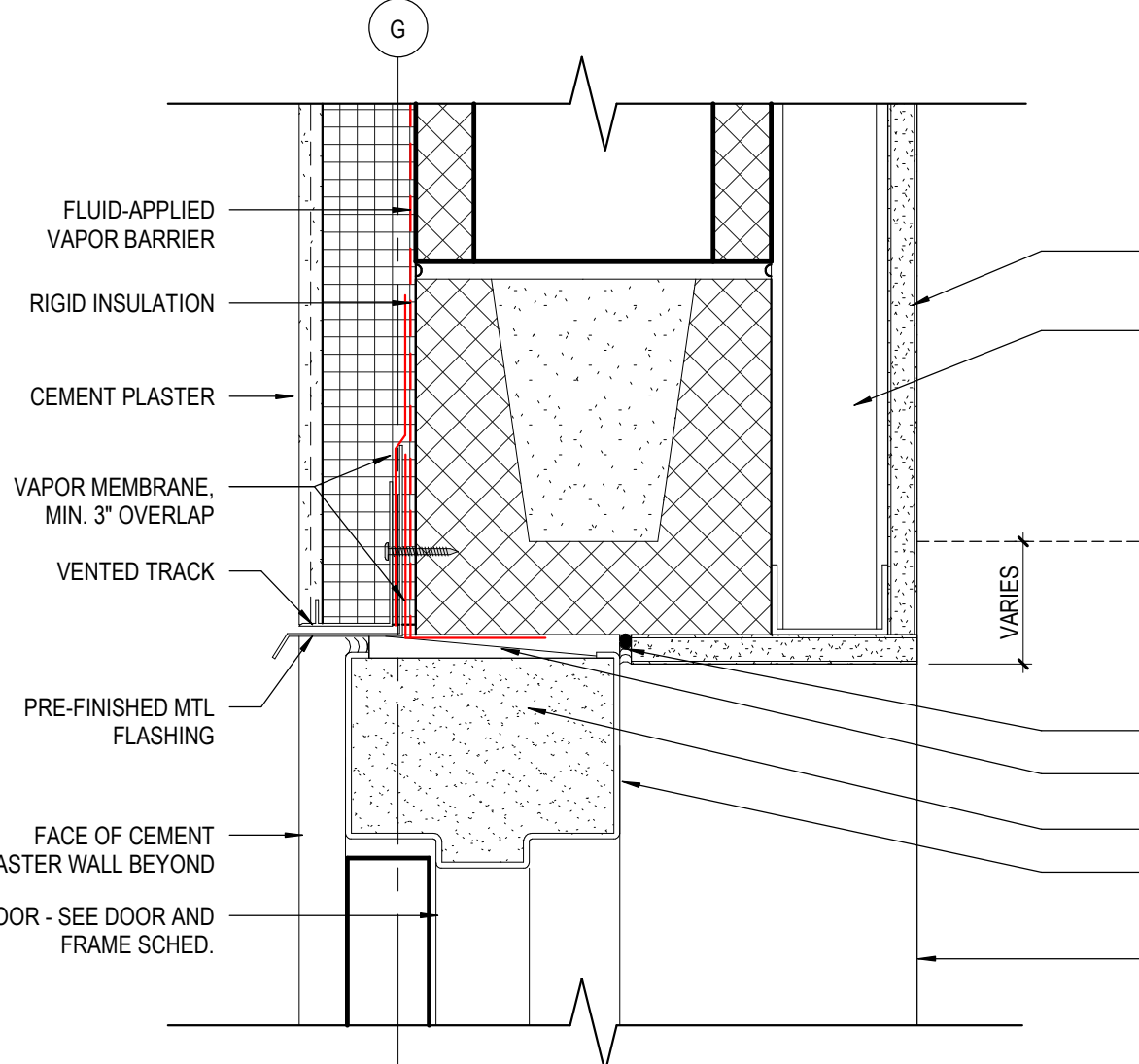
23 DETAIL - STOREFRONT SILL DETAIL @ WOOD CLAD WALL
A10.2 SCALE: 3" = 1'-0"



24 DETAIL - TYP. STOREFRONT SILL @ MTL PANEL
A10.2 SCALE: 3" = 1'-0"



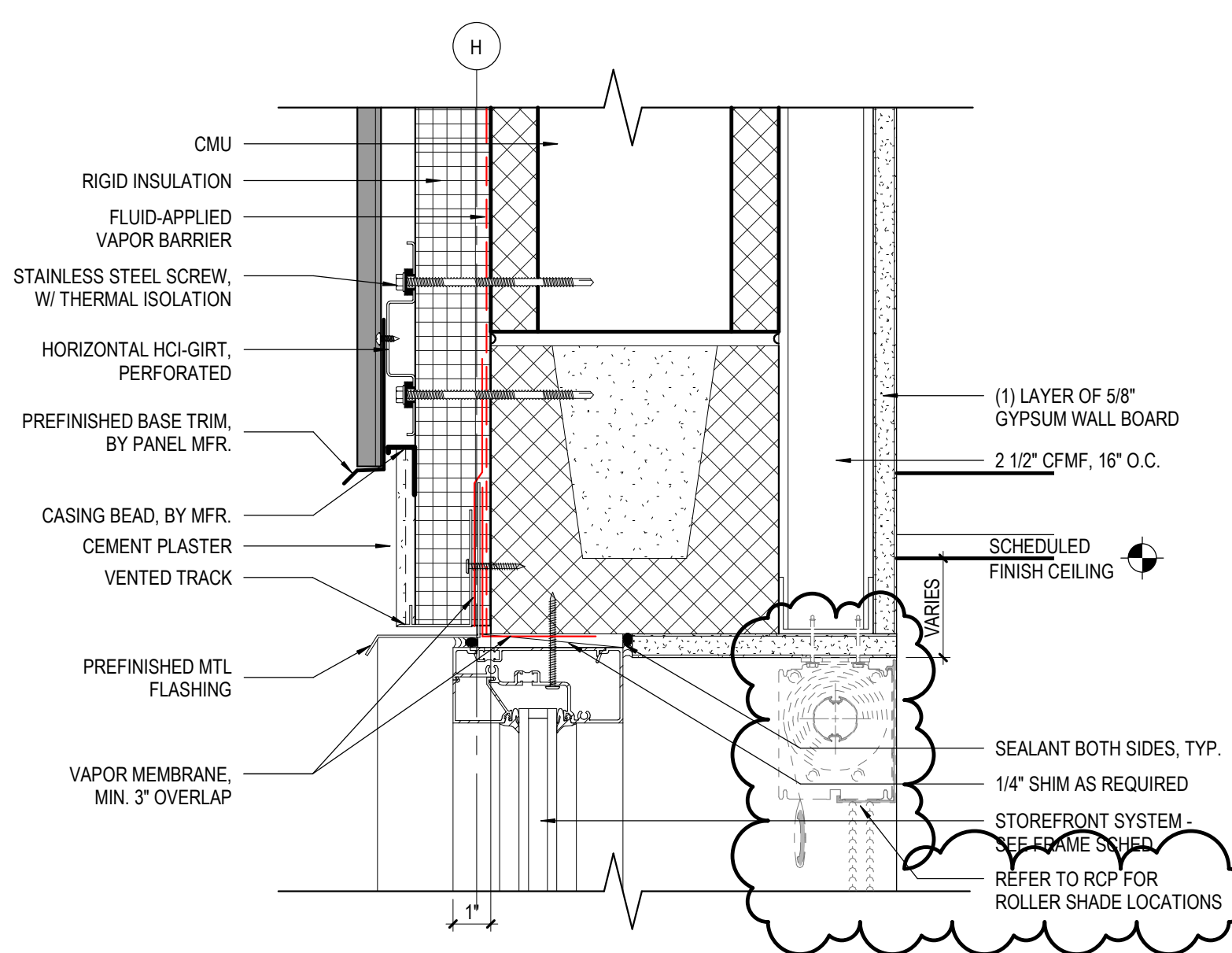
31 SECTION DETAIL - TYP. EXTERIOR LOUVER HEAD & SILL
A10.2 SCALE: 3" = 1'-0"



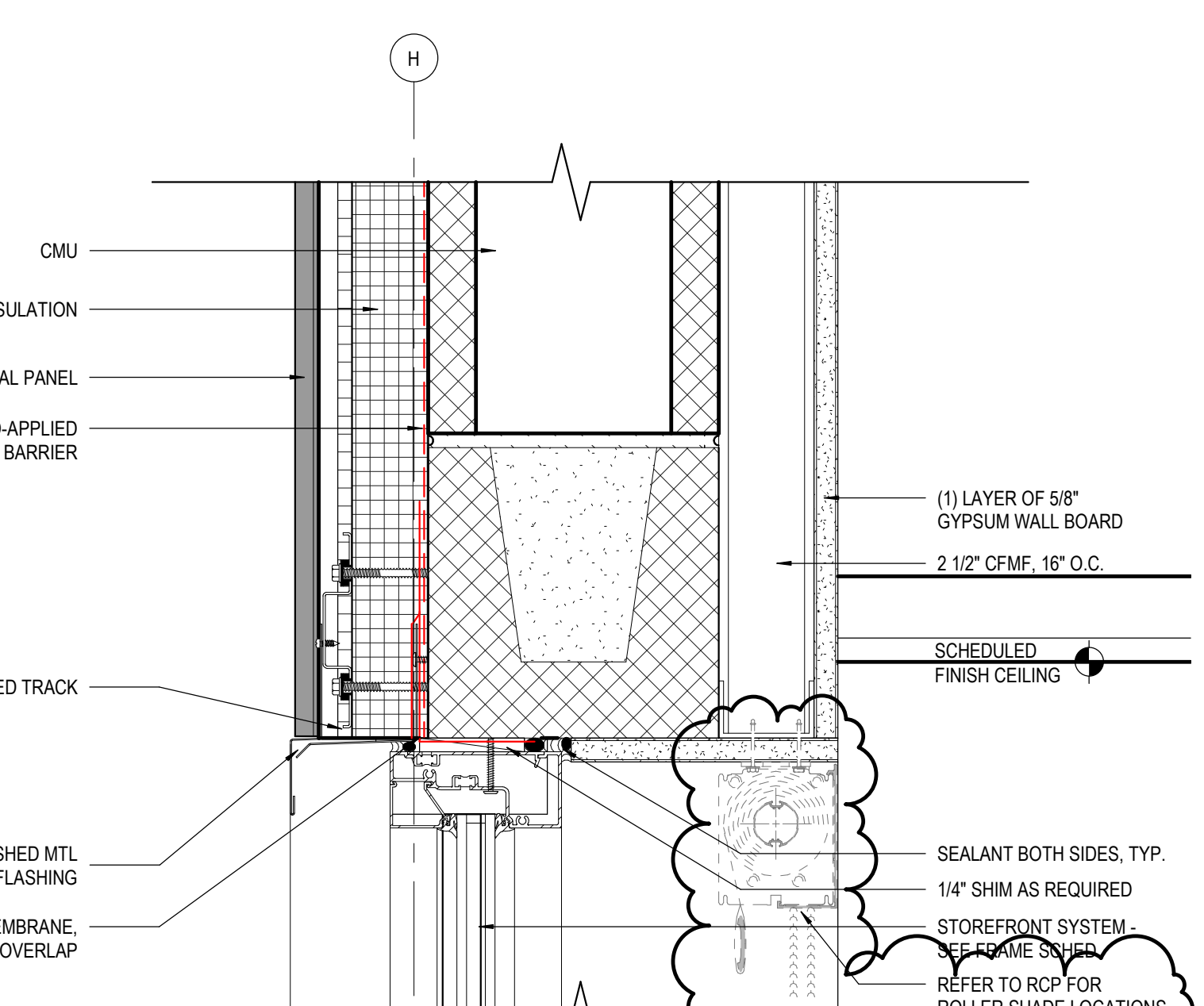
33 DETAIL - TYP. EXTERIOR HM DOOR HEAD
A10.2 SCALE: 3" = 1'-0"



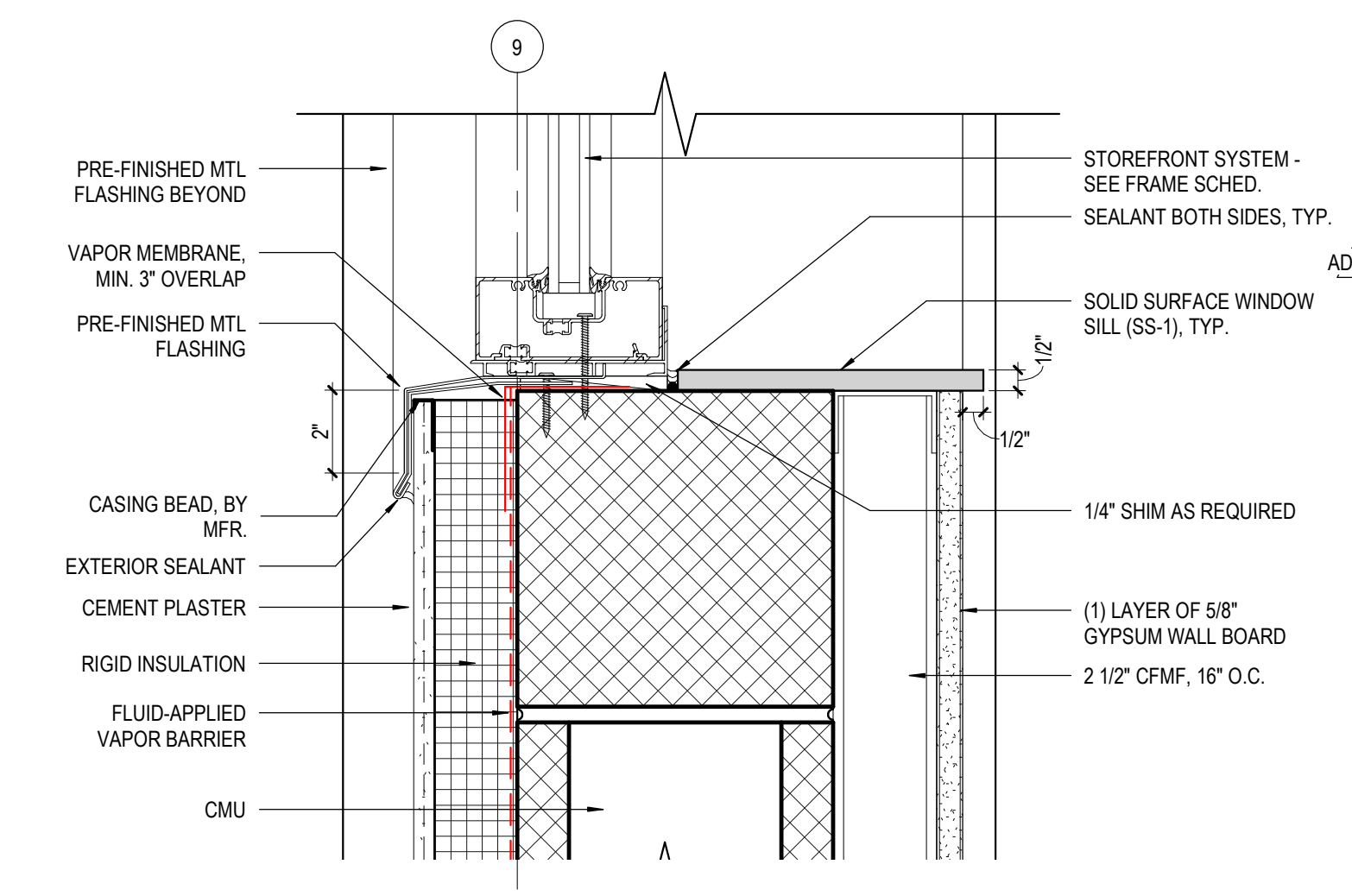
32 DETAIL - STOREFRONT SILL @ LEVEL 2
A10.2 SCALE: 3" = 1'-0"



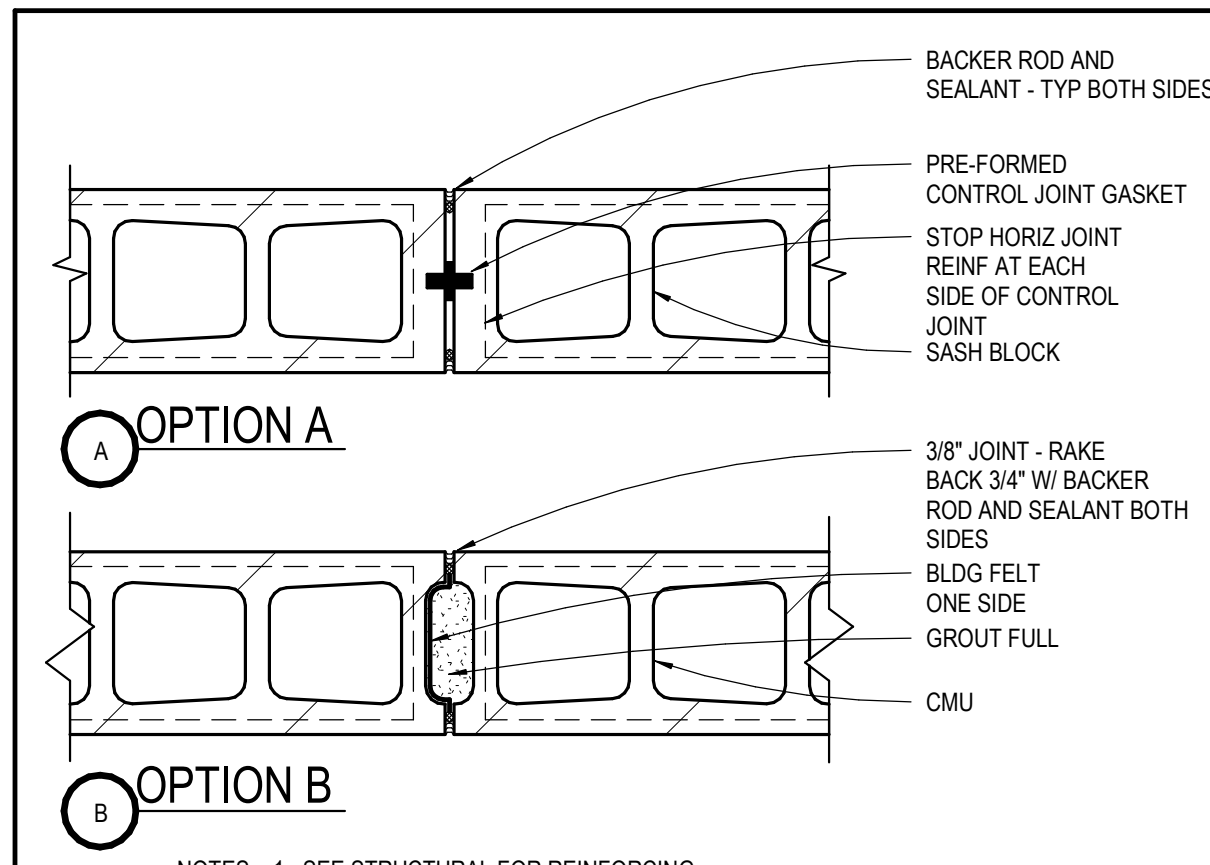
34 DETAIL - TYP. SF HEAD @ MTL/CEMENT PLASTER TRANSITION
A10.2 SCALE: 3" = 1'-0"



42 DETAIL - STOREFRONT HEAD @ MTL PANEL
A10.2 SCALE: 3" = 1'-0"

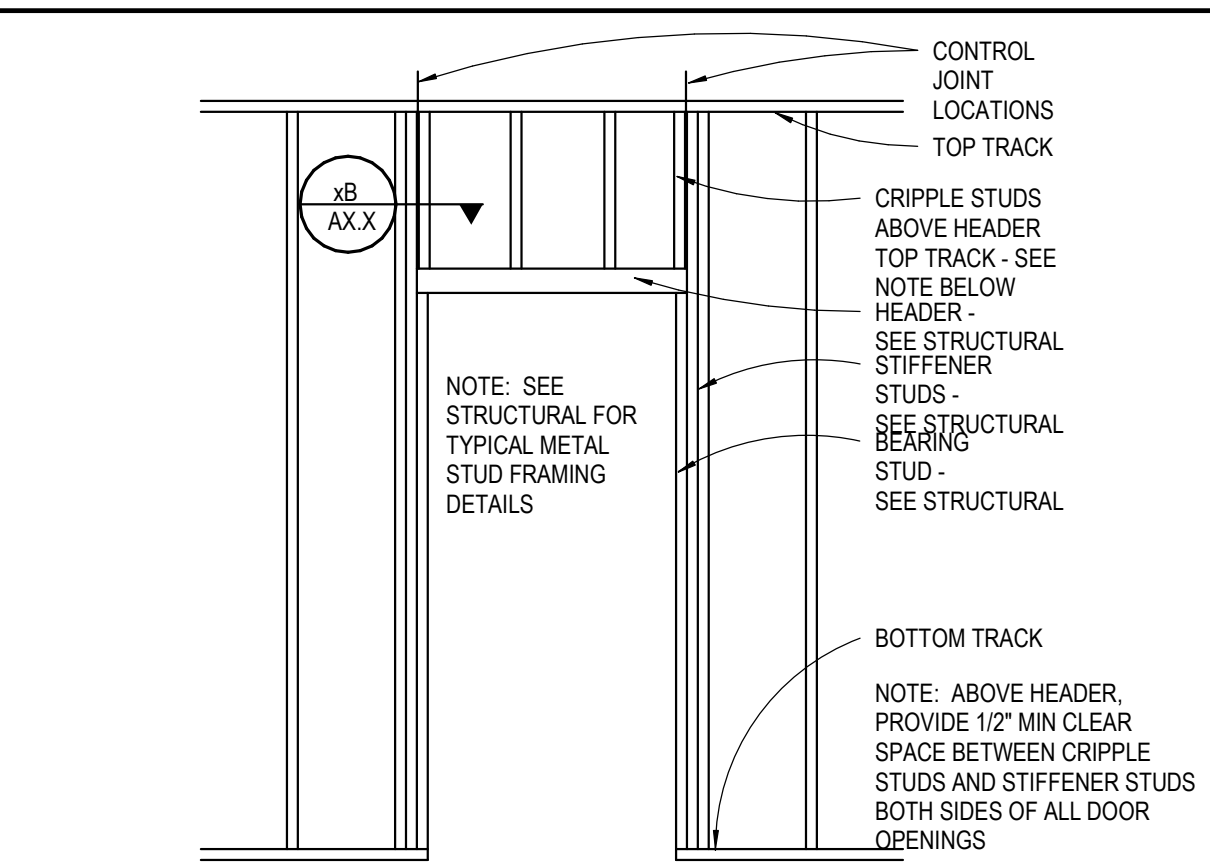


44 DETAIL - TYP. STOREFRONT SILL @ CEMENT PLASTER
A10.2 SCALE: 3" = 1'-0"

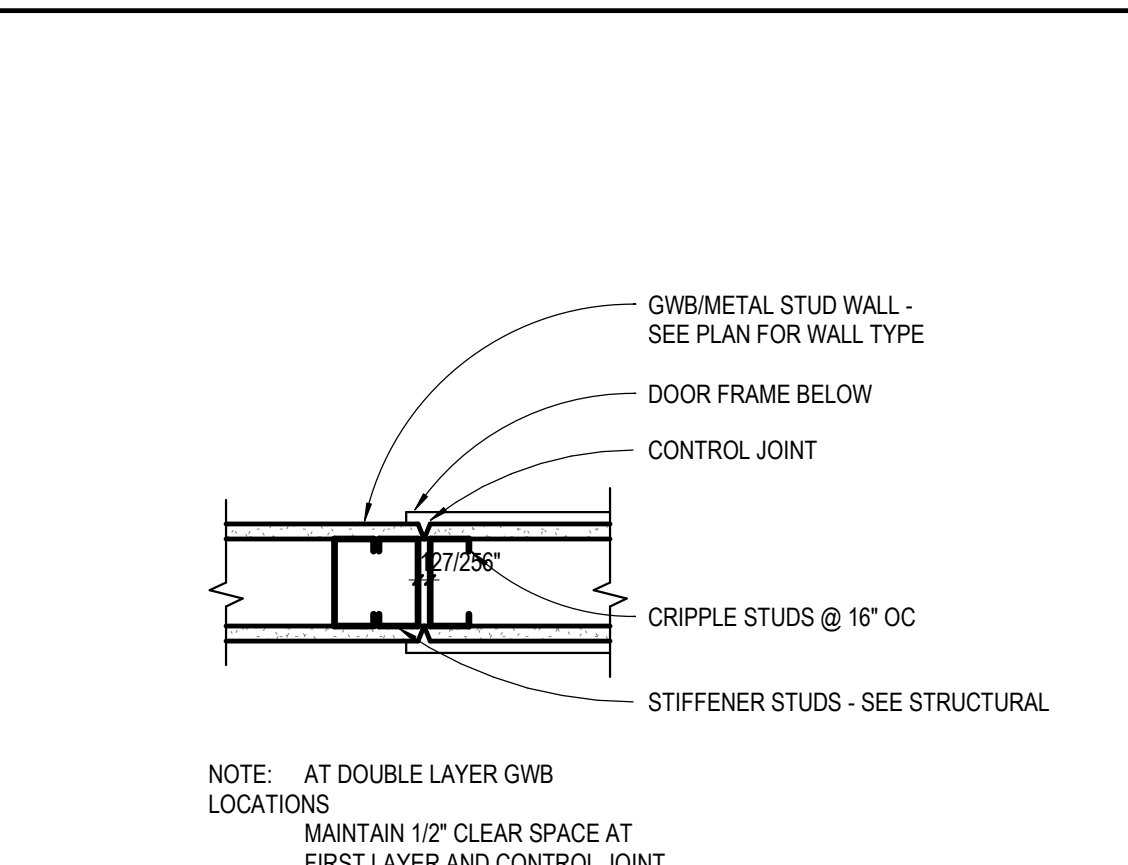


NOTES: 1. SEE STRUCTURAL FOR REINFORCING REQUIREMENTS.
2. EITHER OPTION "A" OR OPTION "B" MAY BE USED AT INTERIOR CONTROL JOINT LOCATIONS.

11 TYP CMU CONTROL JOINT (CJ)
SCALE: 1 1/2" = 1'-0"

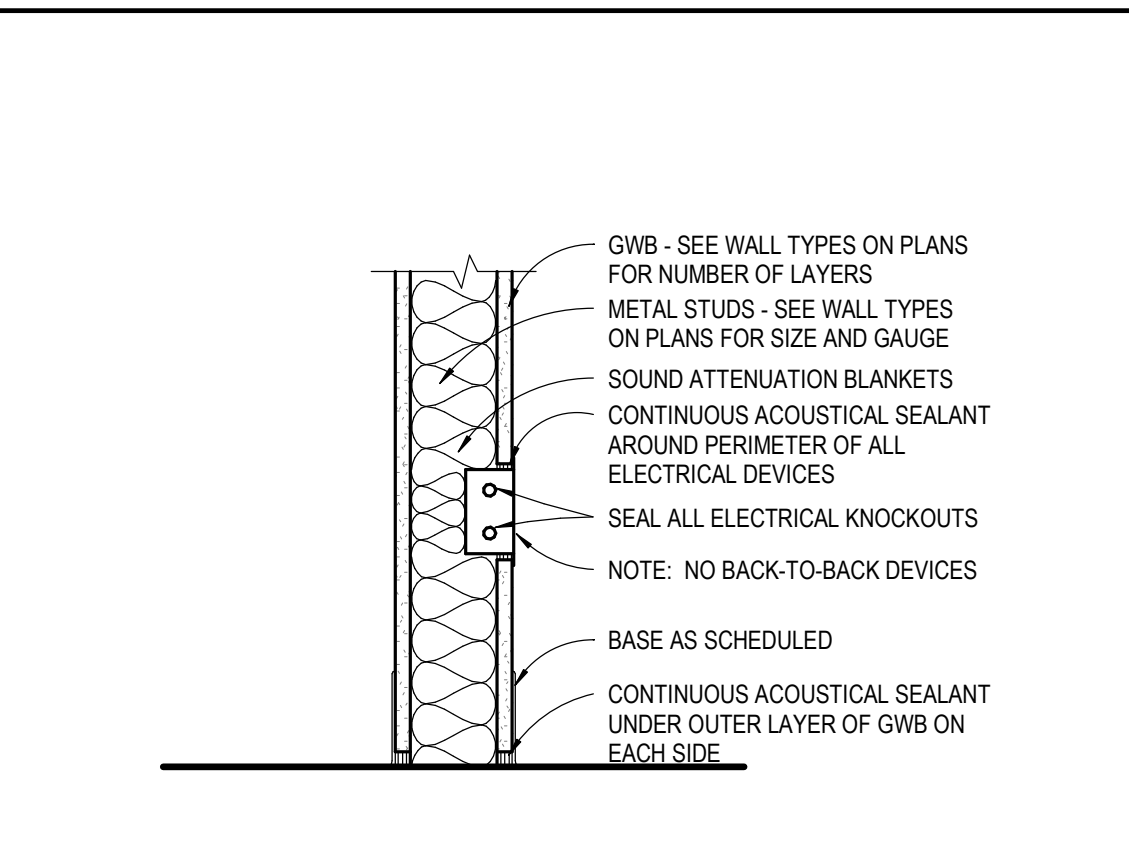


A TYP METAL STUD FRAMING AT DOOR OPENING
NO SCALE

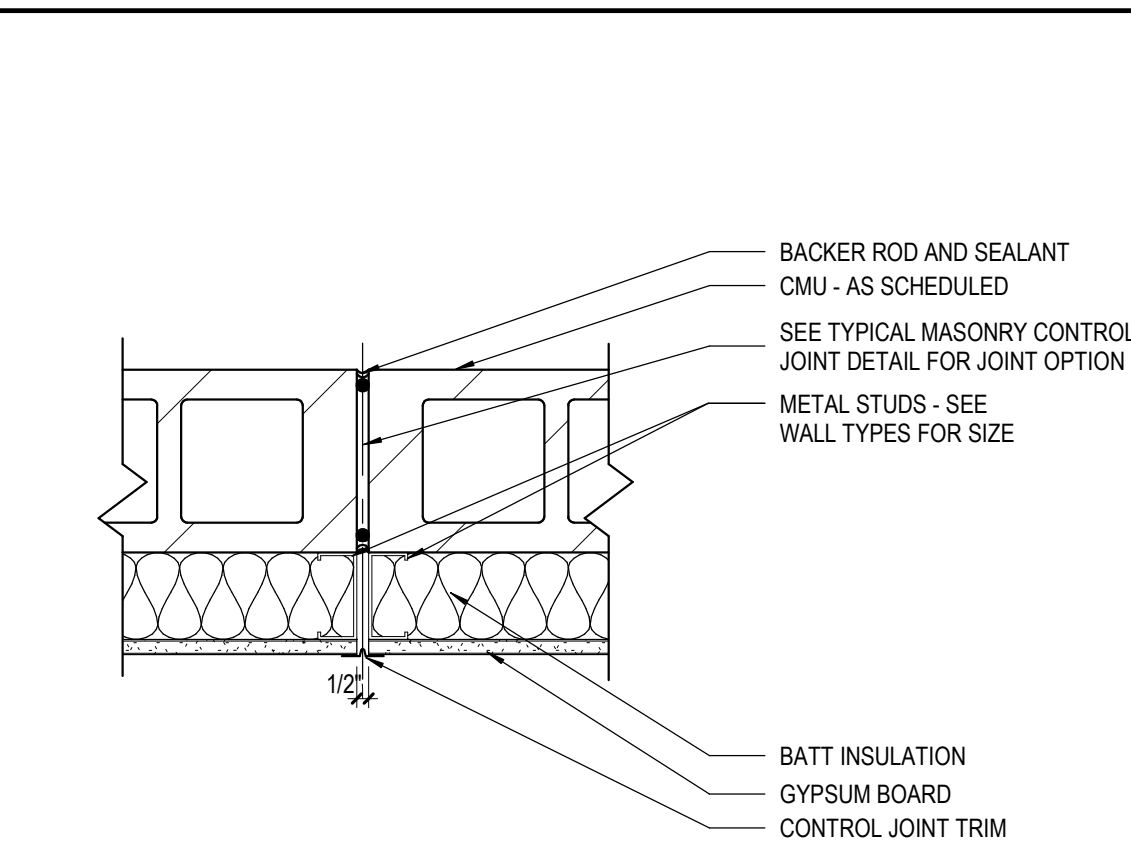


B TYP GWB CONTROL JOINT ABOVE
NO SCALE

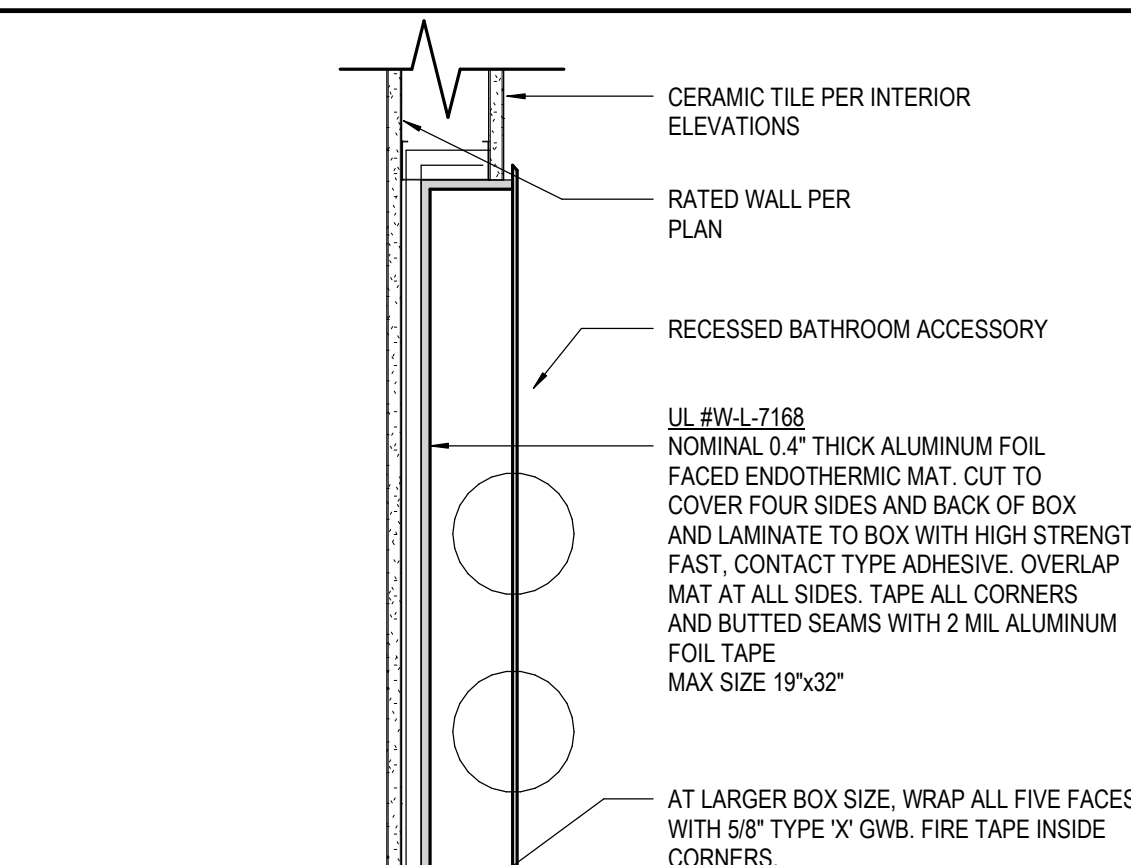
12 GWB CONTROL JOINTS @ DOOR FRAMES
SCALE: 1 1/2" = 1'-0"



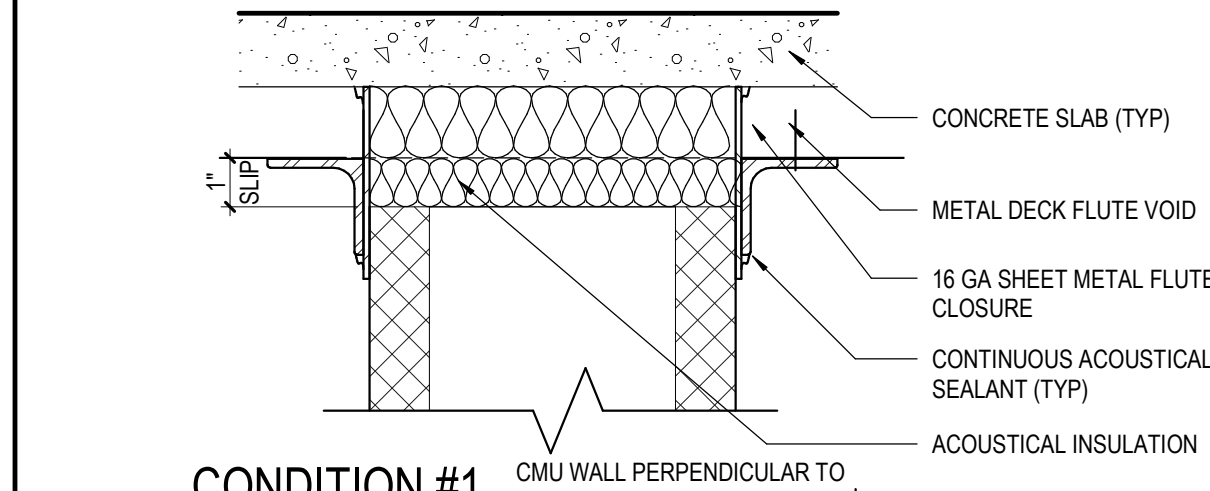
14 SOUND WALL DETAIL
SCALE: 1 1/2" = 1'-0"



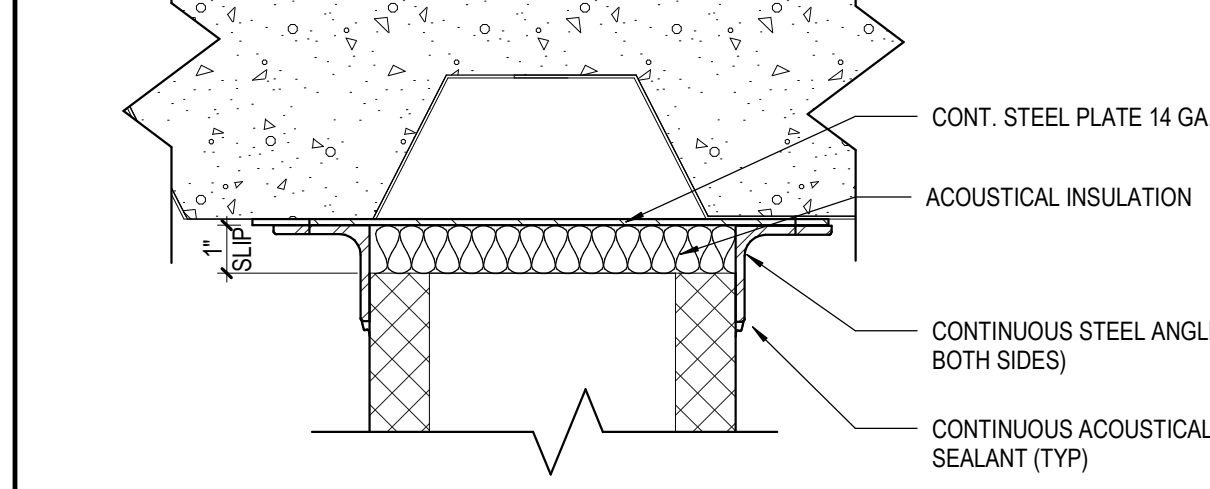
15 CONTROL JOINT AT CMU AND GYPSUM
SCALE: 1 1/2" = 1'-0"



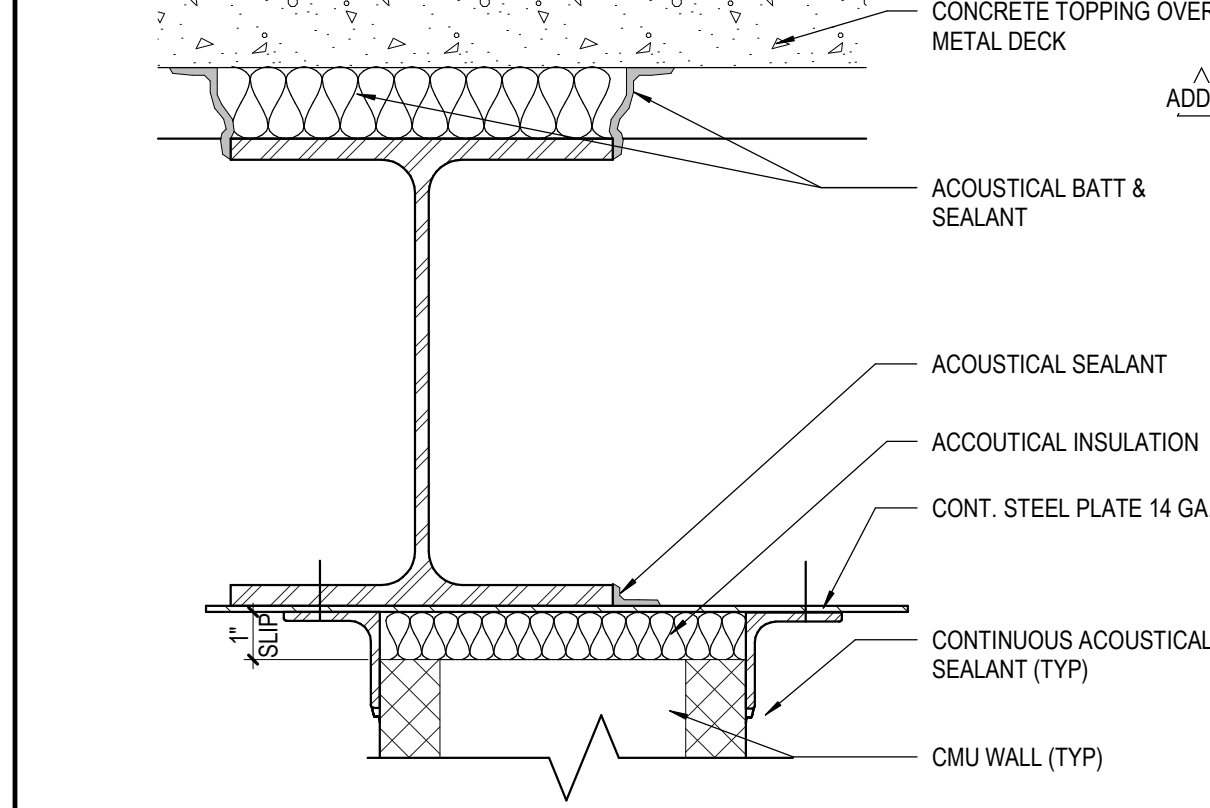
16 FIRESTOP DETAIL @ RESTROOM ACCESSORY
SCALE: 1 1/2" = 1'-0"



CONDITION #1
CMU WALL PERPENDICULAR TO FLUTES

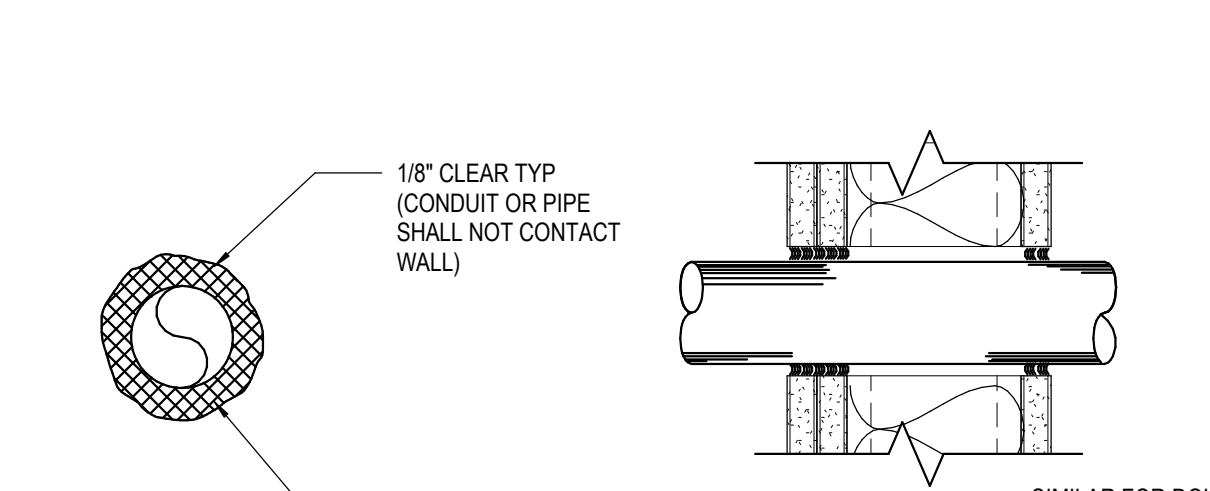


CONDITION #2
CMU WALL PARALLEL TO FLUTES

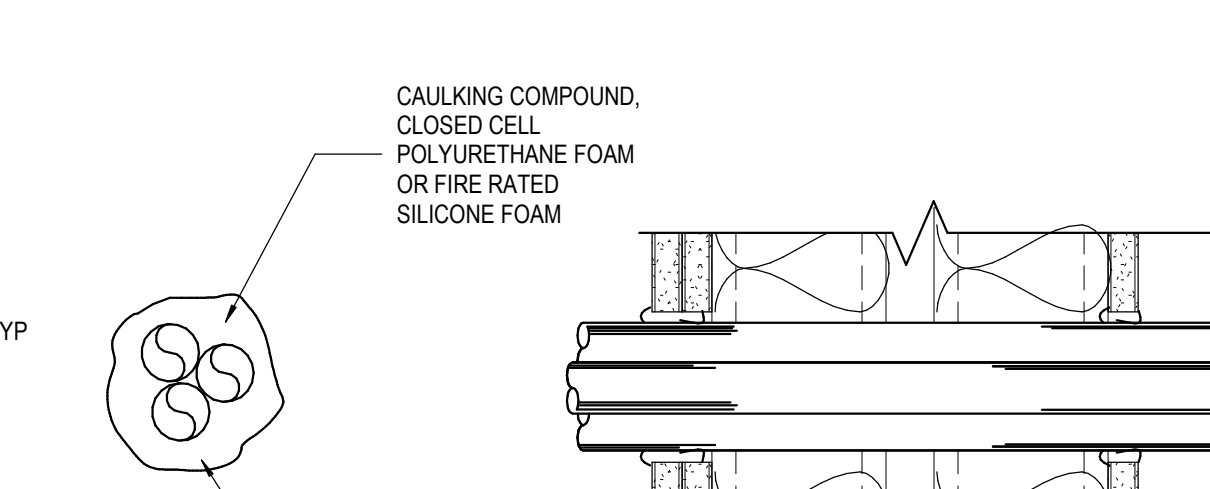


CONDITION #3
CMU WALL UNDER STRUCTURAL FRAMING MEMBER

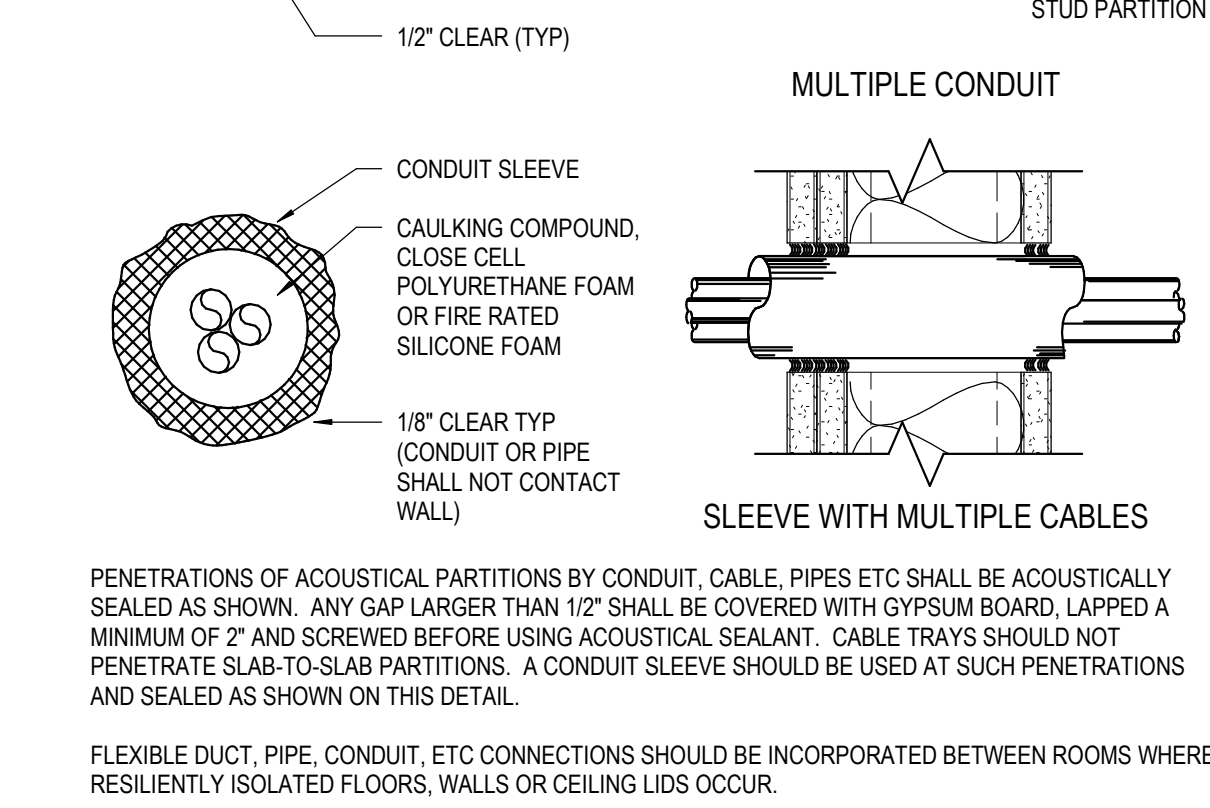
31 FLUTE CLOSURE @ CMU WALLS - NON-RATED
SCALE: 3" = 1'-0"



SINGLE CONDUIT, CABLE OR PIPE

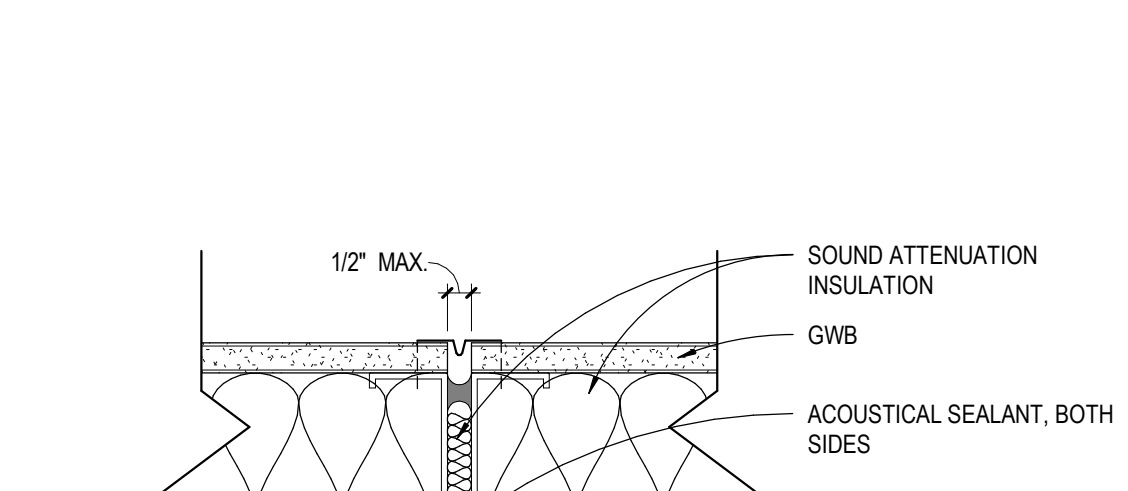


MULTIPLE CONDUIT

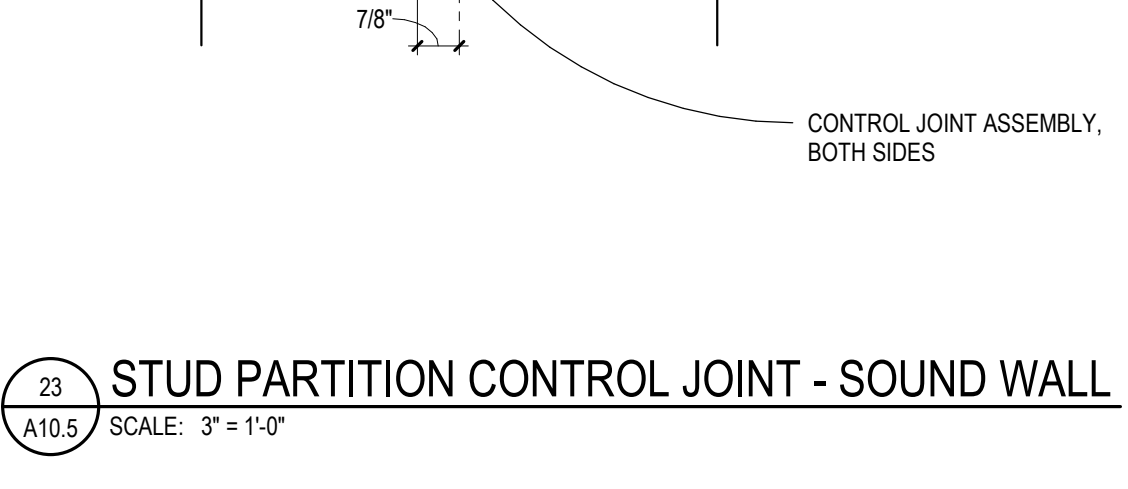


SLEEVE WITH MULTIPLE CABLES

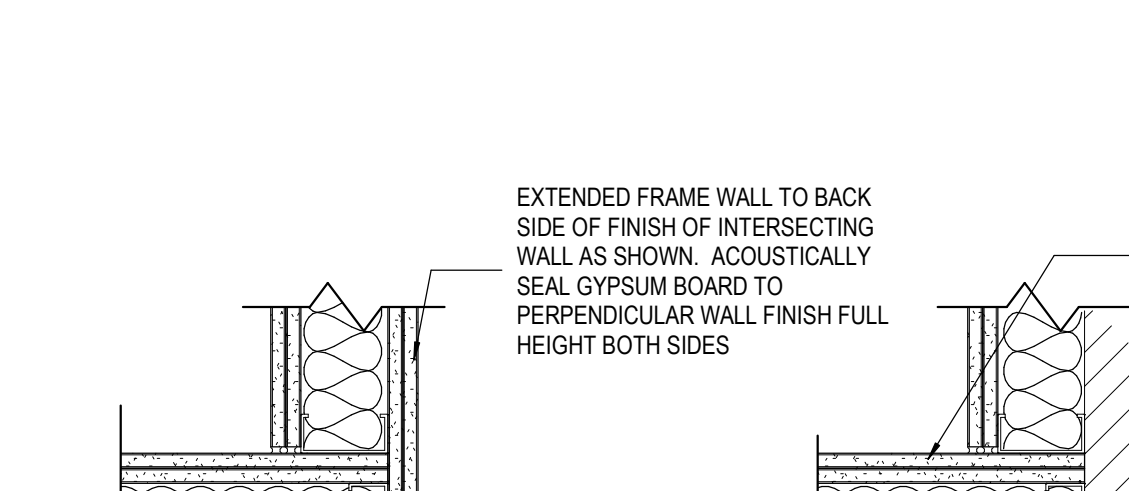
32 ACOUSTIC-TREATED PENETRATIONS AT SOUND WALLS
SCALE: 3" = 1'-0"



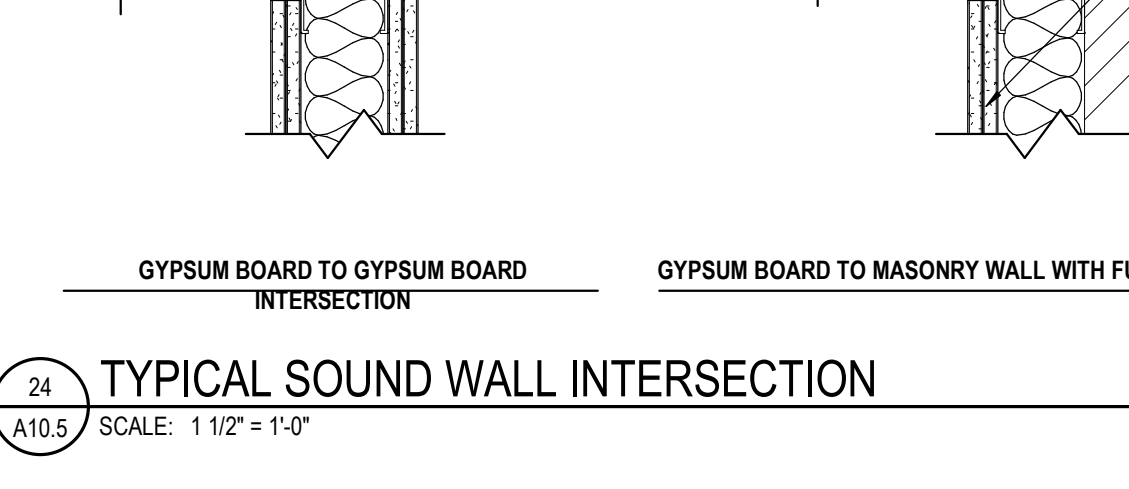
23 STUD PARTITION CONTROL JOINT - SOUND WALL
SCALE: 3" = 1'-0"



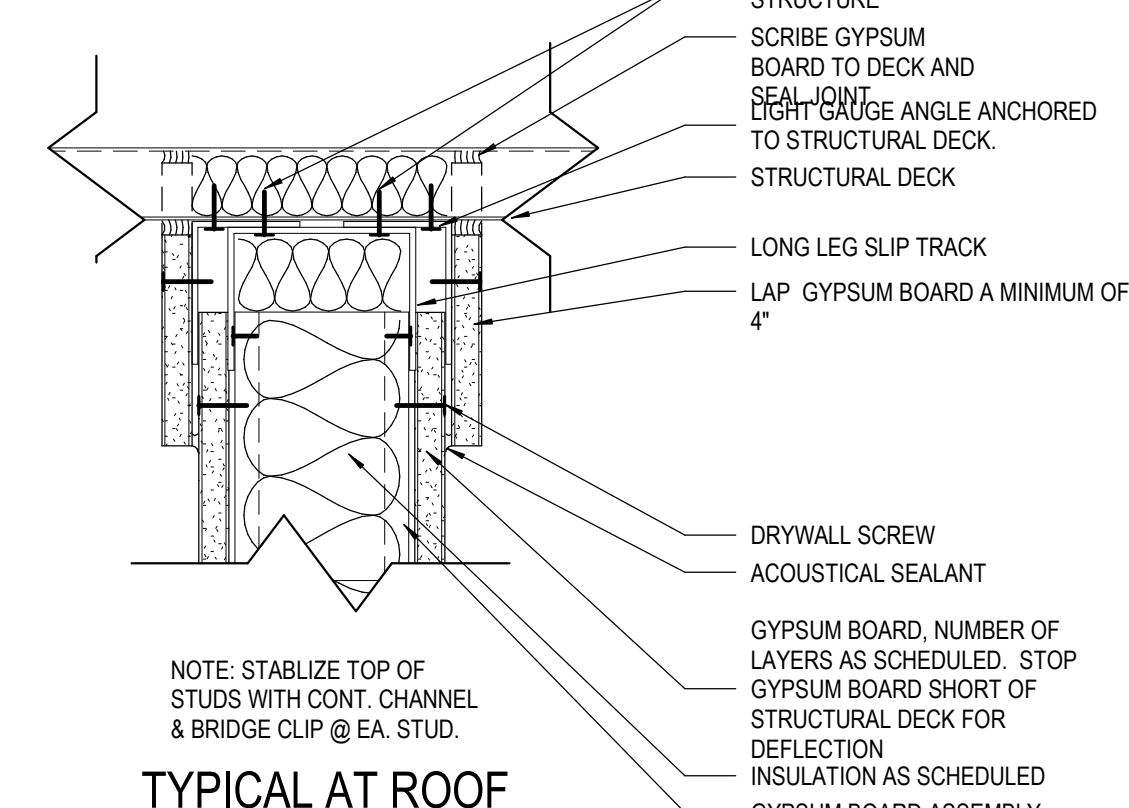
33 GRAB BAR DETAIL
SCALE: 3" = 1'-0"



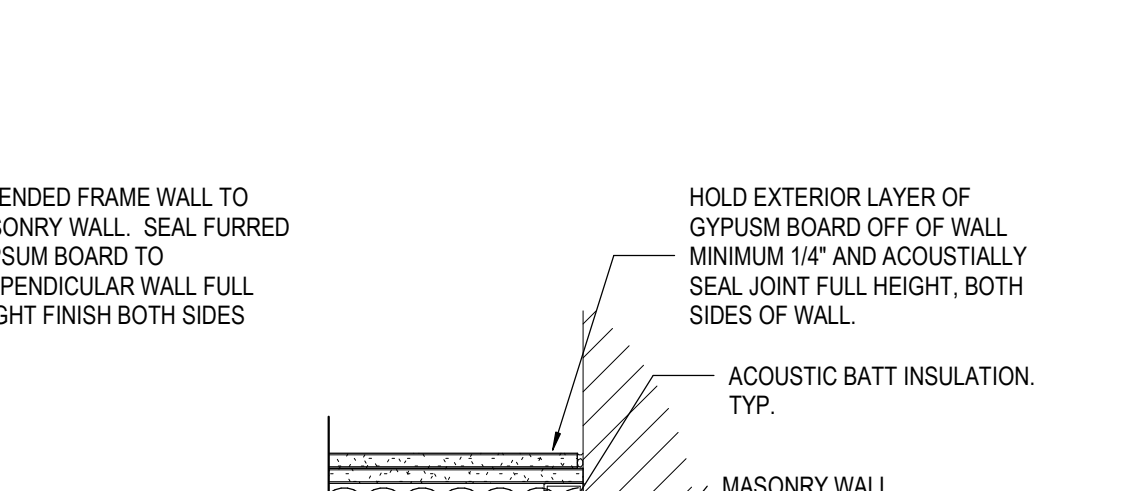
24 TYPICAL SOUND WALL INTERSECTION
SCALE: 1 1/2" = 1'-0"



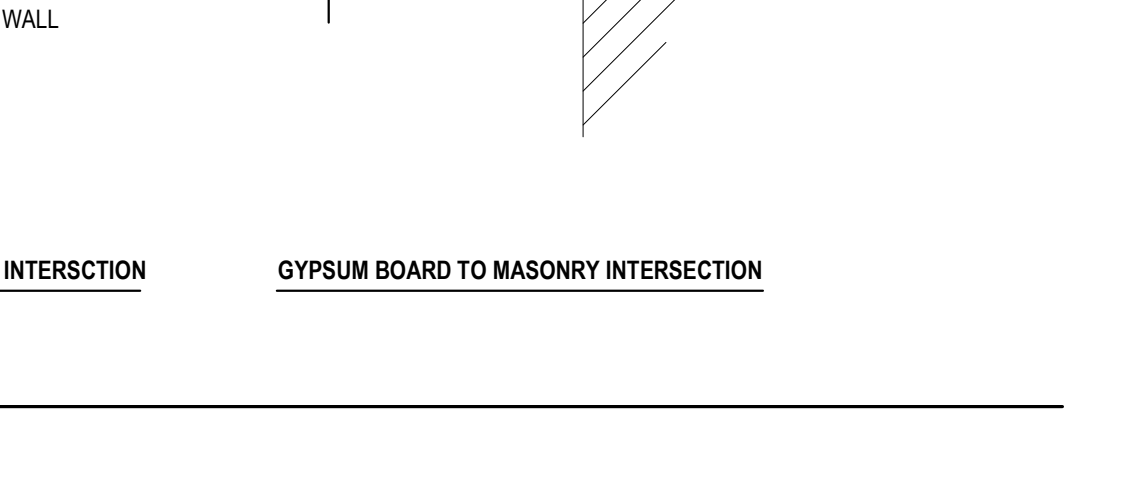
TYPICAL AT ROOF



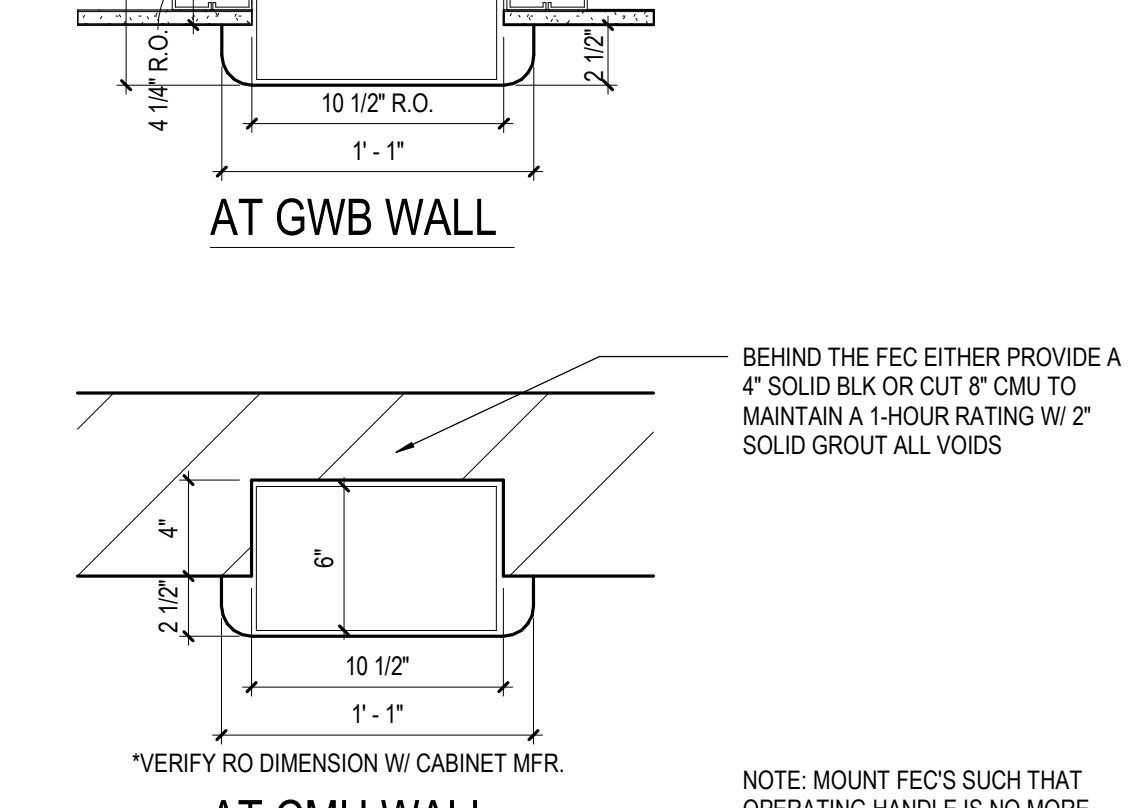
TYPICAL AT UNDERSIDE OF FLOOR



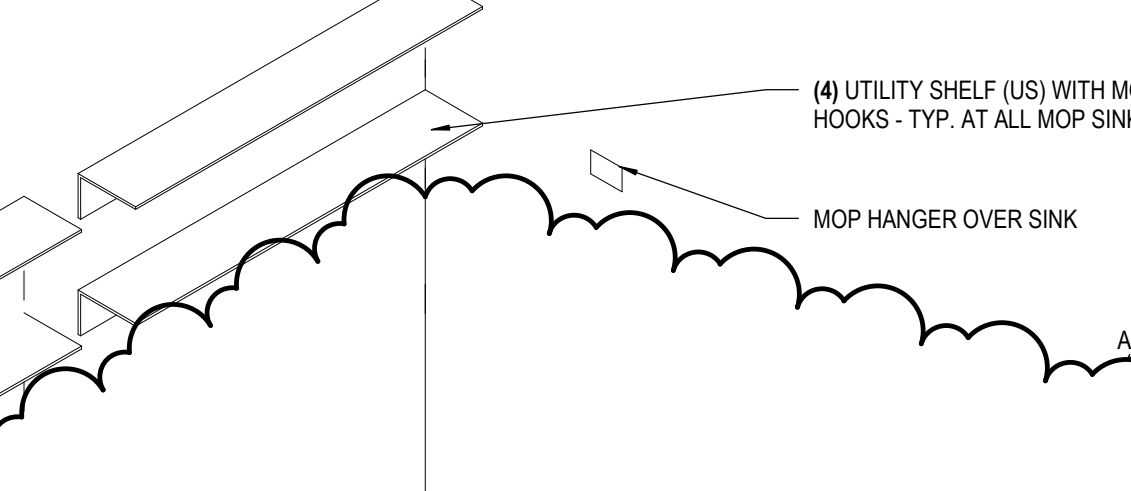
AT GWB WALL



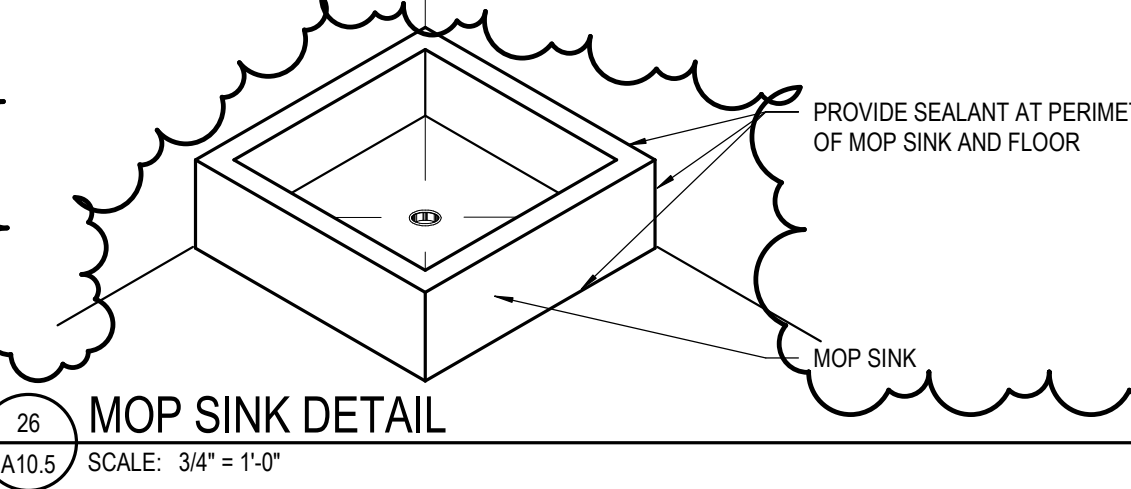
AT CMU WALL



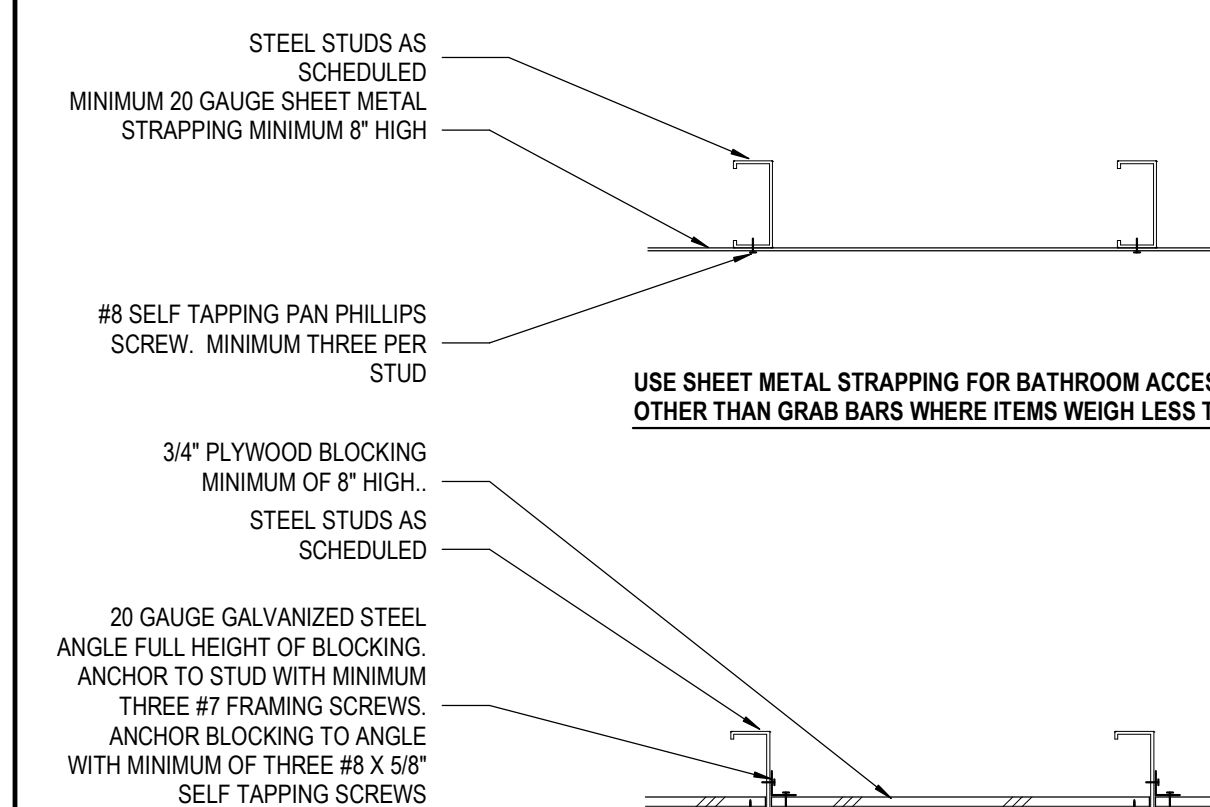
35 FIRE EXTINGUISHER CABINET DETAIL
SCALE: 1 1/2" = 1'-0"



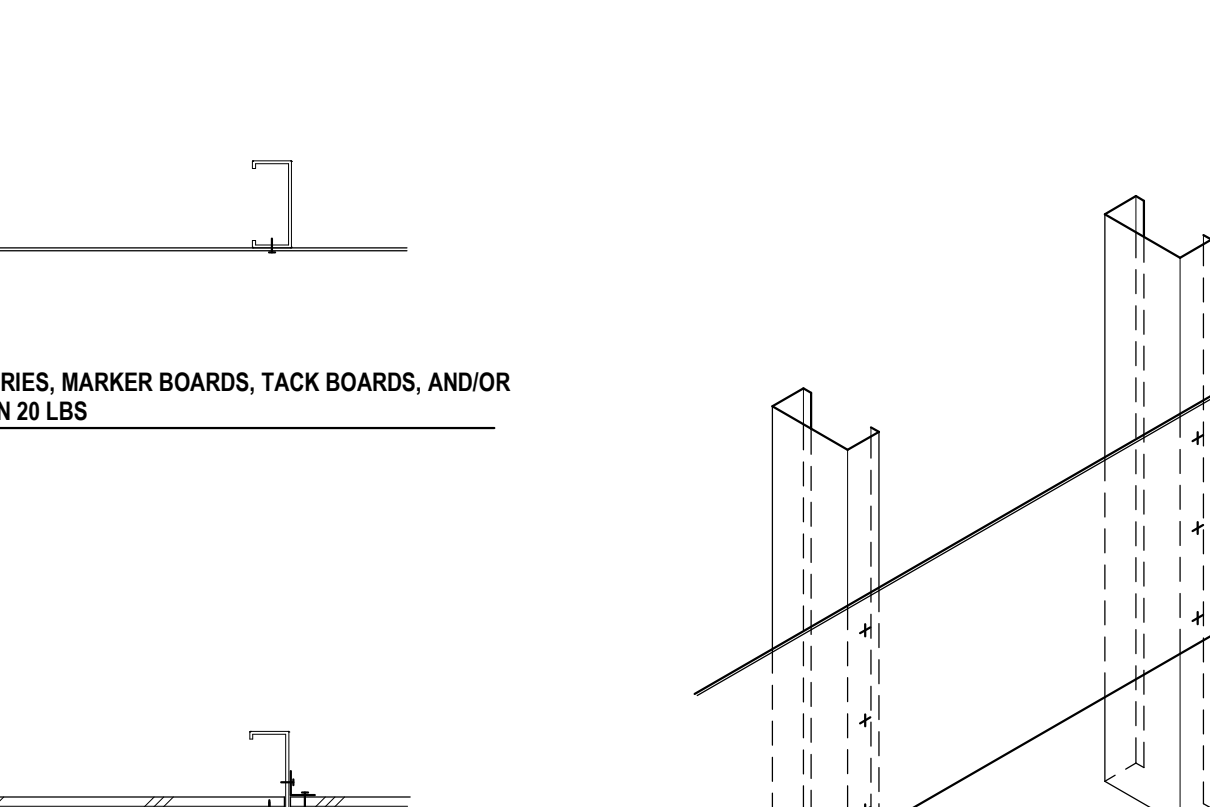
26 MOP SINK DETAIL
SCALE: 3/4" = 1'-0"



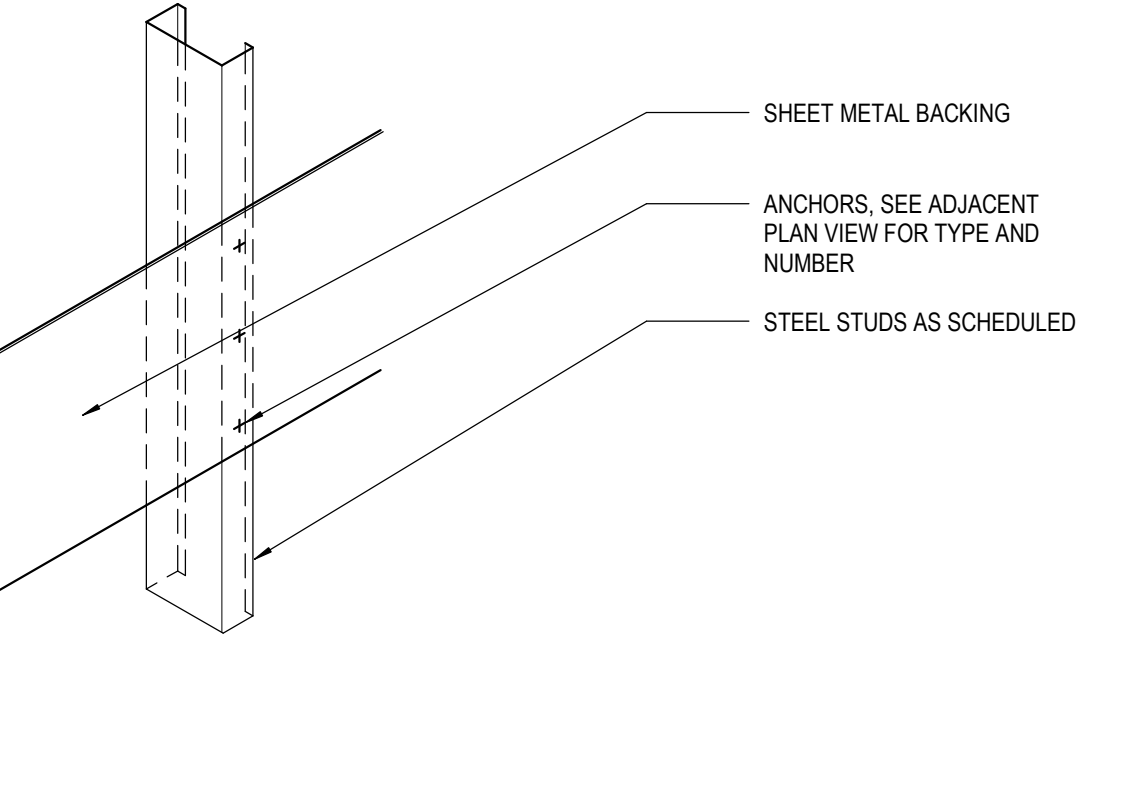
36 TYPICAL PARAPET FRAMING
NO SCALE



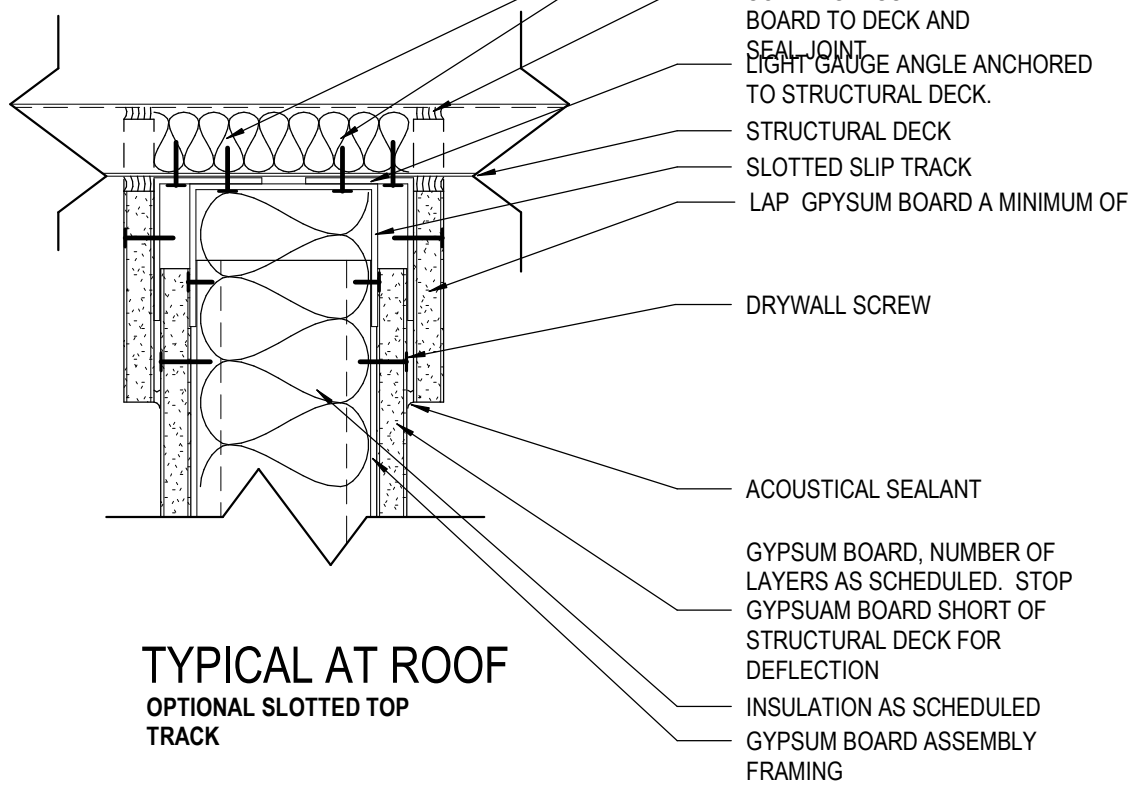
51 TYPICAL BLOCKING IN FRAME WALLS
SCALE: 1 1/2" = 1'-0"



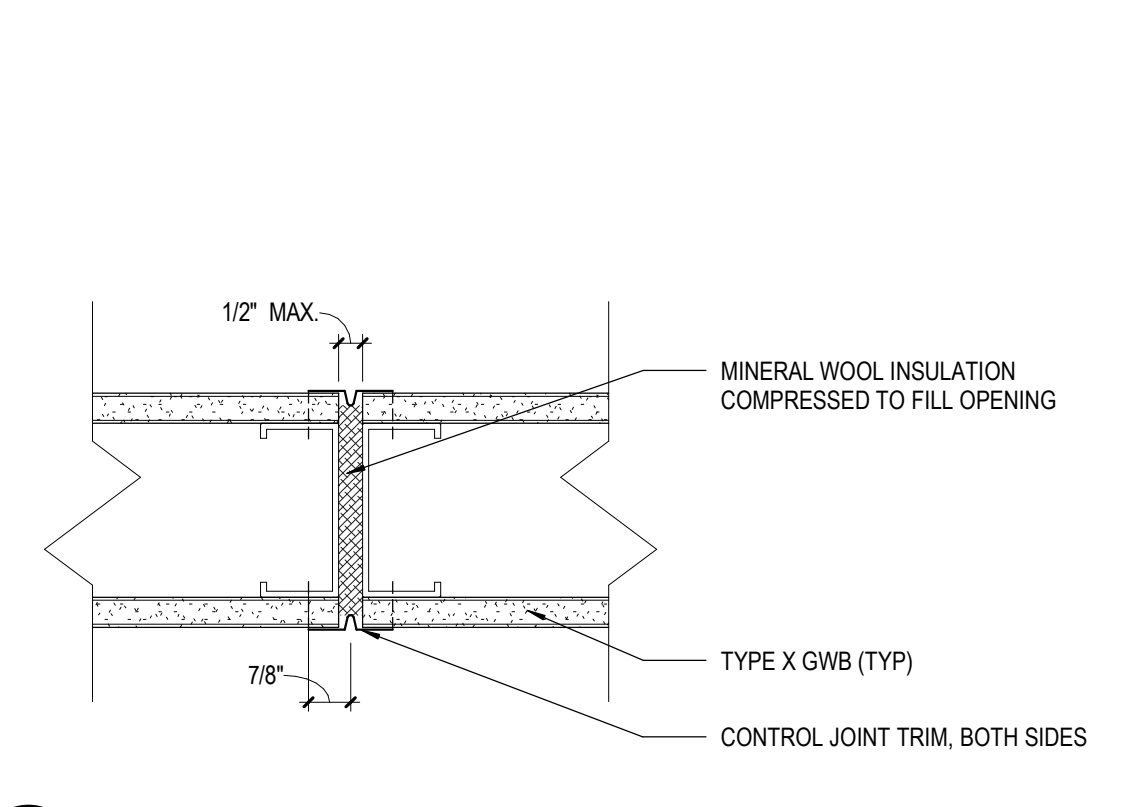
34 TYP SOUND WALL DEFLECTION HEAD OF WALL JOINT
SCALE: 3" = 1'-0"



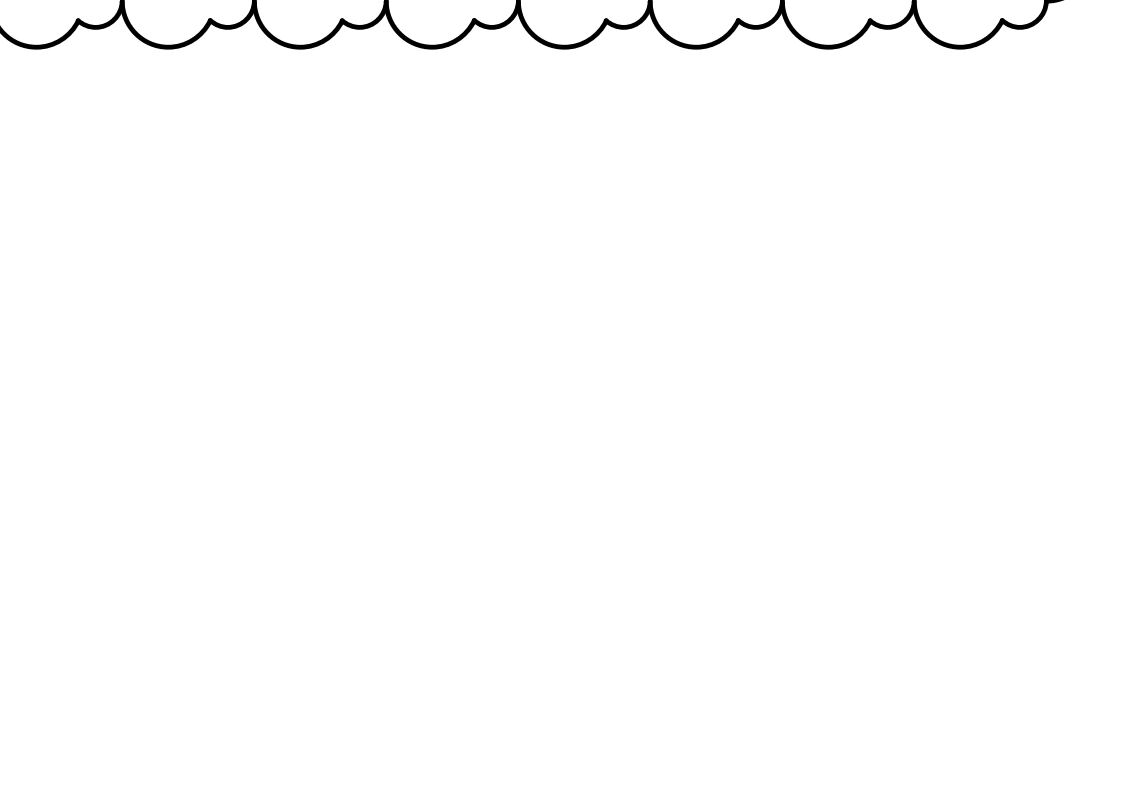
TYPICAL AT ROOF



TYPICAL AT UNDERSIDE OF FLOOR



45 CONTROL JOINT - 1HR WALL
SCALE: 3" = 1'-0"



36 TYPICAL PARAPET FRAMING
NO SCALE

