

PROJECT OVERVIEW & PHASING PLAN
1
CS12 1/8" = 1'-0"

NOTE:
GENERAL CONTRACTOR MUST MAINTAIN, AT ALL TIMES, CONSTANT ACCESS TO ALL APPARATUS BAYS AND ROUTES FROM THE BAYS TO THE PUBLIC STREET. ANY DISRUPTION MUST BE COORDINATED WITH THE FIRE DEPARTMENT PRIOR TO ANY DISRUPTION.

DURING RENOVATION PHASE 4 - COORDINATE WITH BOTETOURT COUNTY FIRE DEPARTMENT ON DAY TO DAY OPERATIONS AND PUBLIC INTERACTION- PROVIDE TEMPOERARY SIGNAGE AS NEEDED.

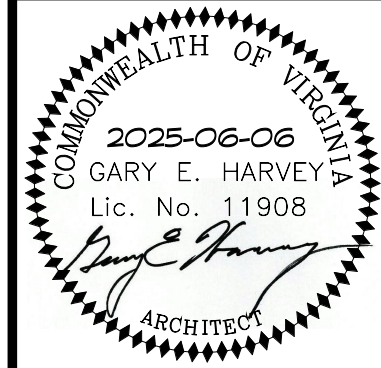


ARCHITECTURAL PARTNERS

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**BOTETOURT COUNTY
RMFDE - 911 COMPLEX**
43 EASTPARK DRIVE, ROANOKE, VA 24019 PROJECT NO.: 24100

BID SET



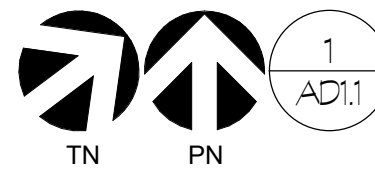
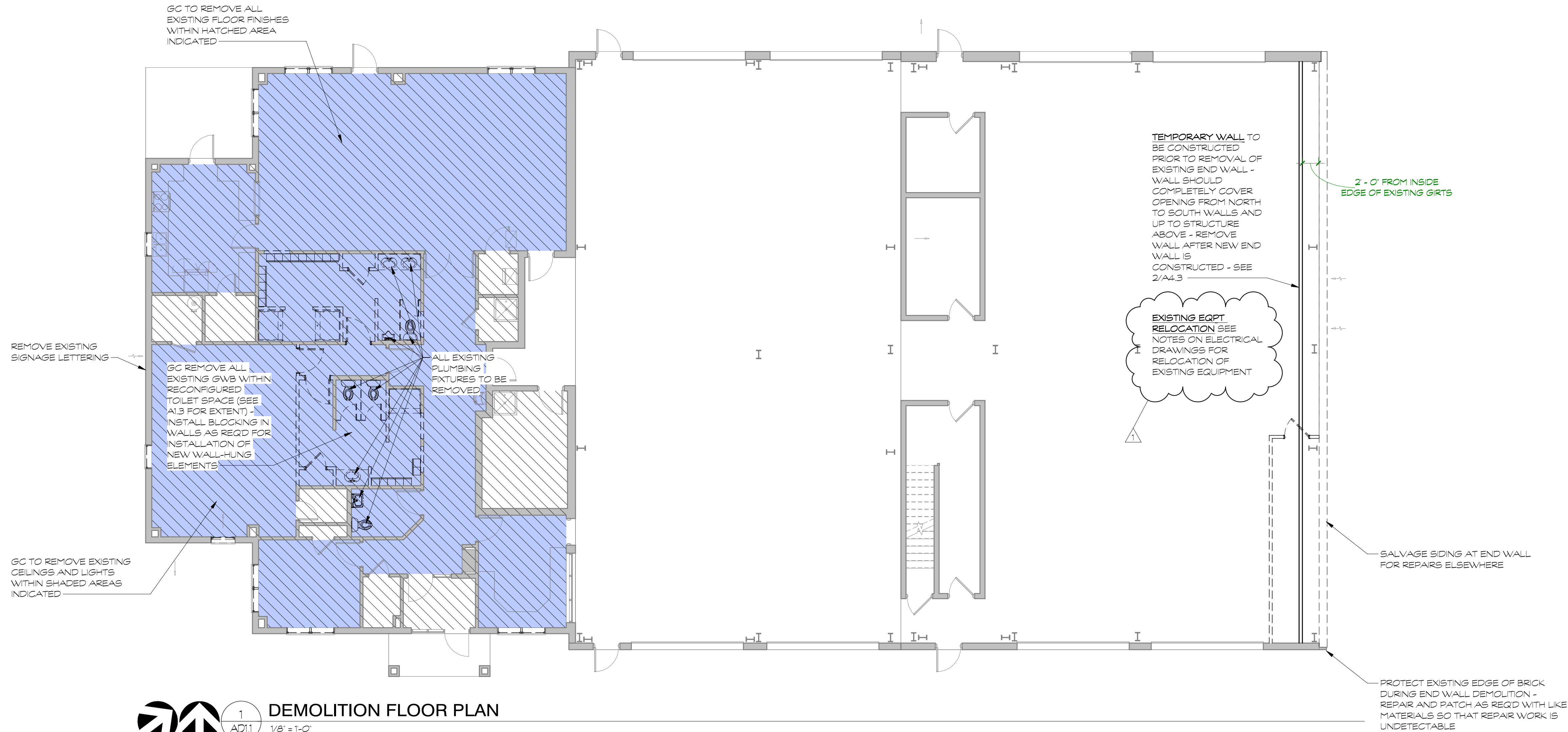
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DATE: 2025-06-06
DESIGNED:
DRAWN:
CHECKED:
REVISIONS:

No.	Date
1	2025/06/13

PROJECT OVERVIEW & PHASING

CS1.2



1 DEMOLITION FLOOR PLAN

AD1.1 1/8" = 1'-0"

DEMOLITION PLAN LEGEND			
	EXISTING WALL TO REMAIN		EXISTING WALL TO BE REMOVED
	EXISTING FLOORING TO BE REMOVED		EXISTING DOOR & FRAME TO BE REMOVED, U.N.O.
	EXISTING SLAB TO BE REMOVED		EXISTING FIXTURE TO BE REMOVED
	EXISTING CEILING TO BE REMOVED		

DEMOLITION PLAN GENERAL NOTES

1. ANY INDICATIONS OF DEMOLITION ON THIS SHEET ARE TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
2. ANY DEMOLITION NOT INDICATED, BUT REQUIRED FOR CONDITIONS DESCRIBED AND DEPICTED ON THIS SHEET OR ELSEWHERE IN THE DRAWINGS AND SPECIFICATIONS, SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
3. SEE STRUCTURAL, MECHANICAL, PLUMBING, & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. EXISTING FIXTURES, CASEWORK, EQUIPMENT, ETC. TO BE REMOVED BY THE GENERAL CONTRACTOR ARE TO BE DISPOSED OF OFF-PREMISES UNLESS NOTED OTHERWISE BY THE OWNER.
5. NOTIFY ARCHITECT OF ANY UNCOVERED OR DISCOVERED CONDITIONS THAT MAY APPEAR TO BE STRUCTURALLY UNSOUND BEFORE PROCEEDING WITH RELATED WORK.
6. GC TO REMOVE ALL EXISTING FLOOR FINISHES AND ADHESIVES DOWN TO BARE CONCRETE SLAB WITHIN HATCHED AREA SHOWN. ALL EXISTING PLUMBING LINES FOR REMOVED FIXTURES TO BE CAPPED BELOW SLAB LEVEL. PATCH AND REPAIR CONCRETE SLAB AS REQUIRED AND PREPARE FOR NEW FINISHES AS SCHEDULED.
7. GC TO REMOVE ALL EXISTING CEILINGS AND LIGHTING WITHIN SHADED AREA SHOWN. PATCH AND REPAIR ANY DAMAGE TO WALLS AS REQUIRED.
8. PROTECTION OF EXISTING FINISHES TO REMAIN FREE FROM DAMAGE BY CONSTRUCTION ACTIVITY IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ANY EXISTING FINISHES THAT ARE MARRED OR PERMANENTLY DISCOLORED BY CONSTRUCTION ACTIVITY ARE TO BE REPLACED AND/OR REFINISHED AT THE OWNER'S DISCRETION WITH MATERIALS AND FINISHES EXACTLY MATCHING THE EXISTING. THE EXTENT OF REFINISHED AREA IS TO BE SUCH THAT WITHIN ANY PLANE OF WALL, FLOOR, OR CEILING, THE NEW IS TO BE INDISTINGUISHABLE FROM THE EXISTING.
9. ALL EXISTING LOCKERS TO BE REMOVED BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.



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DEMOLITION FLOOR PLAN



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WRITTEN DIMENSIONS ON THESE DRAWINGS
SHALL TAKE PRECEDENCE OVER SCALE.
PURSUING CONTRACTORS SHALL VERIFY
AND BE RESPONSIBLE FOR ALL
DIMENSIONS AND CONDITIONS ON THE JOB.
AND THIS OFFICE MUST BE ADVISED OF
ANY VARIATION FROM THE DIMENSIONS AND
CONDITIONS SHOWN BY THESE DRAWINGS.

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ADDITION
FIRST FLOOR
PLAN

A1.1

A1.1 NOTES

No.	Note Text
101	6" CMU OFFSET FROM FACE OF BRICK VENEER TO ACCOMMODATE 8" CMU AT DOOR OPENINGS - SEE 10/A1.40 AND 15/A1.40
102	EAST FACE OF CMU TO BE 5/8" EAST OF MTL. BLDG GIRT LINE - SEE DTL 16/A1.40
315	RAISED CONCRETE PAD - SEE STRUCTURAL DRAWINGS
2201	FLOOR TRENCH DRAIN - SEE PLUMBING DRAWINGS

SECURITY DEVICES

Designation	Device
CA	CAMERA
CR	CARD ACCESS - CARD READER
RC	REMOTELY CONTROLLED

FIRST FLOOR AREA

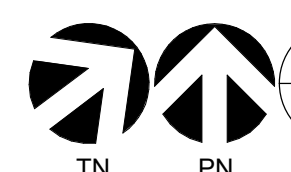
Rm No.	Room Name	Area
101	TRANSITION	426 SF
102	DECON	283 SF
103	DECON SHOWER	80 SF
104	DECON SHOWER ADA	81 SF
105	TURNOUT GEAR	387 SF
106	STORAGE	222 SF
107	CORRIDOR	303 SF
108	BUNK	101 SF
109	BUNK	98 SF
110	BUNK	98 SF
111	BUNK	98 SF
112	BUNK	98 SF
113	BUNK	99 SF
114	BUNK	85 SF
115	BUNK	84 SF
116	BUNK	82 SF
117	BUNK	100 SF
118	BUNK	113 SF
119	KITCHEN / DAYROOM	1,100 SF
120	SHOWER	93 SF
121	SHOWER	93 SF
122	TOILET	53 SF
123	CORRIDOR	314 SF
124	SHOWER	107 SF
125	ADA SHOWER	105 SF
126	LAUNDRY / JAN	118 SF
128	STORAGE	29 SF
129	OPEN BUNK	32 SF
129A	OPEN BUNK	85 SF
129B	OPEN BUNK	85 SF
129C	STORAGE	10 SF
130	BUNK	113 SF
131	MECHANICAL	460 SF
131B	STORAGE	98 SF
132	CORRIDOR	133 SF
51	STAIR	130 SF
Total Rooms: 36		5,989 SF

FLOOR PLAN GENERAL NOTES

- ALL INTERIOR DIMENSIONS ARE TO FACE OF CMU OR FACE OF FRAMING, UNLESS NOTED OTHERWISE.
- ALL EXTERIOR DIMENSIONS ARE TO FACE OF BRICK, EDGE OF WINDOW/DOOR, OR COLUMN LINE, UNLESS NOTED OTHERWISE. DIMENSIONS TO OPENINGS ON SECOND FLOOR ARE TO FACE OF BRICK, NOT FACE OF SIDING.
- ALL NEW WALLS ARE TYPE 'A' UNLESS NOTED OTHERWISE. (SEE A1.0 FOR WALL TYPE DETAILS)
- ALL OUTSIDE CMU CORNERS TO BE BULLNOSED.

THIS LOCATION:
7/8" FURRING IN
PLACE OF 3 5/8"
STUDS

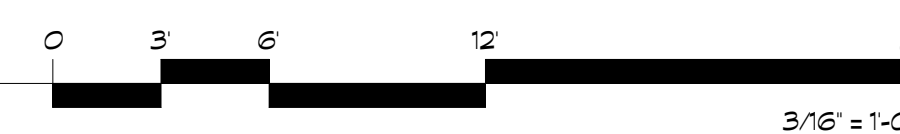
NOTE: ALL WALLS CONTINUE TO DECK ABOVE, UNLESS NOTED OTHERWISE



ADDITION FIRST FLOOR PLAN

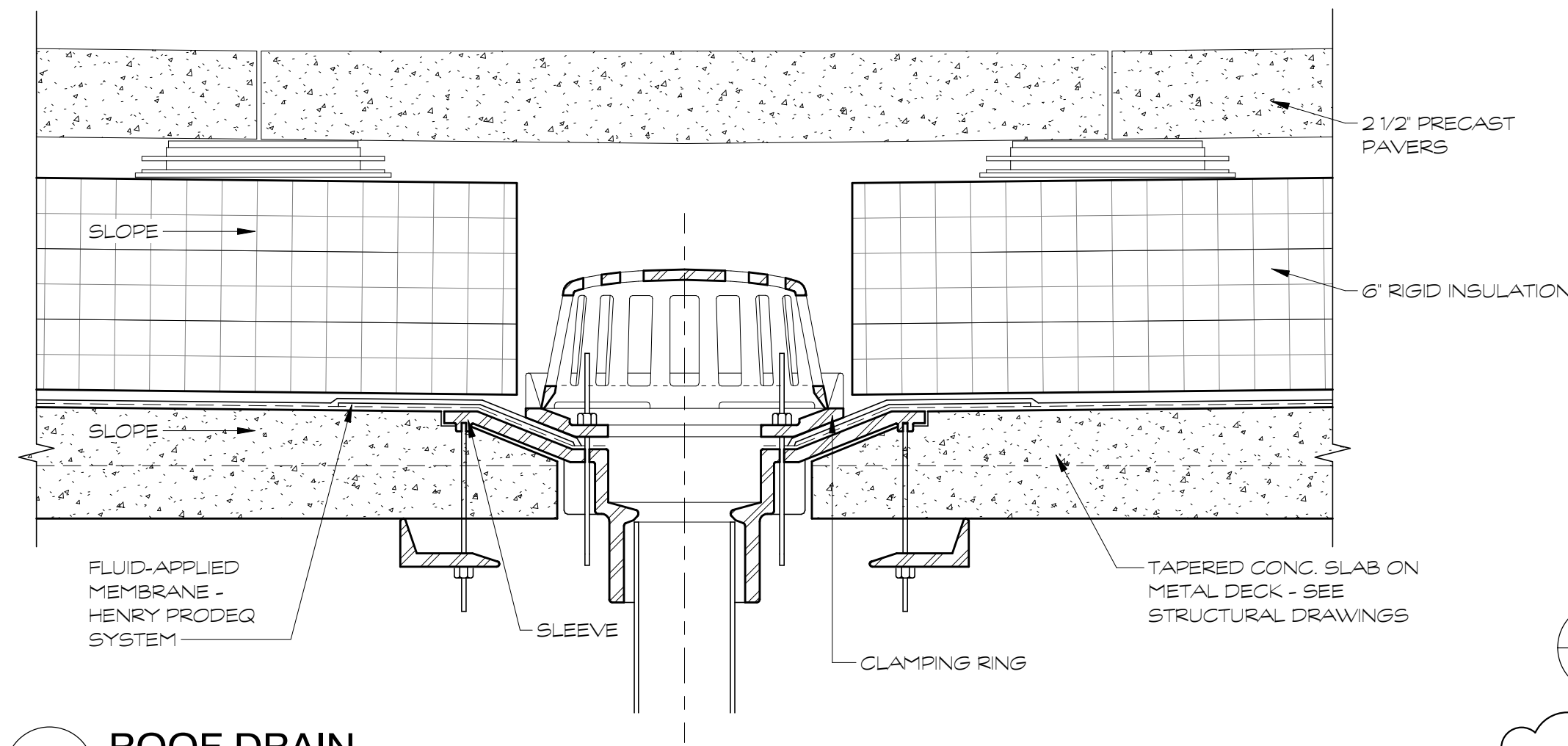
3/16" = 1'-0"

SEE EQUIPMENT PLAN 1/A13.1

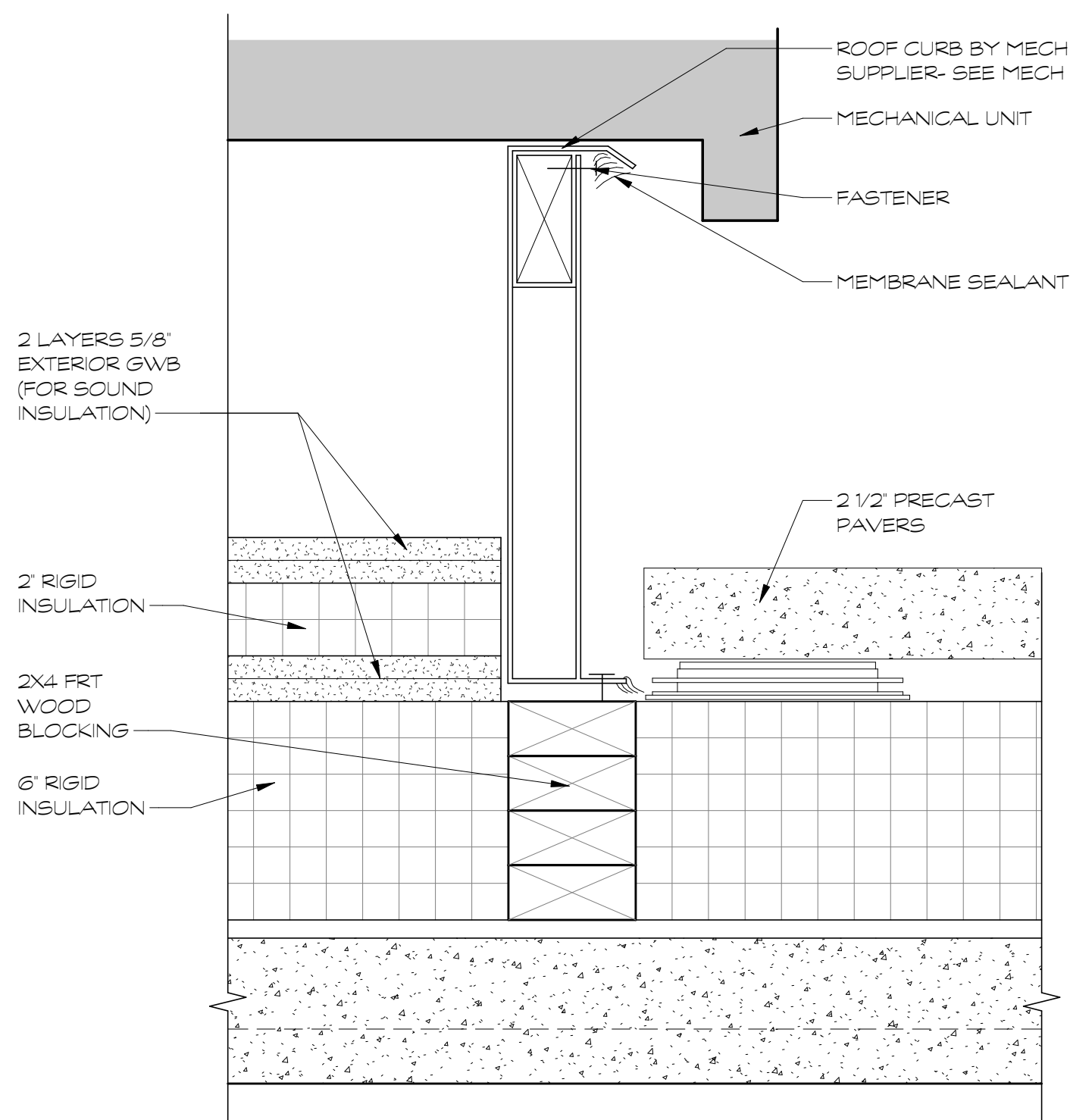


STUDIOS
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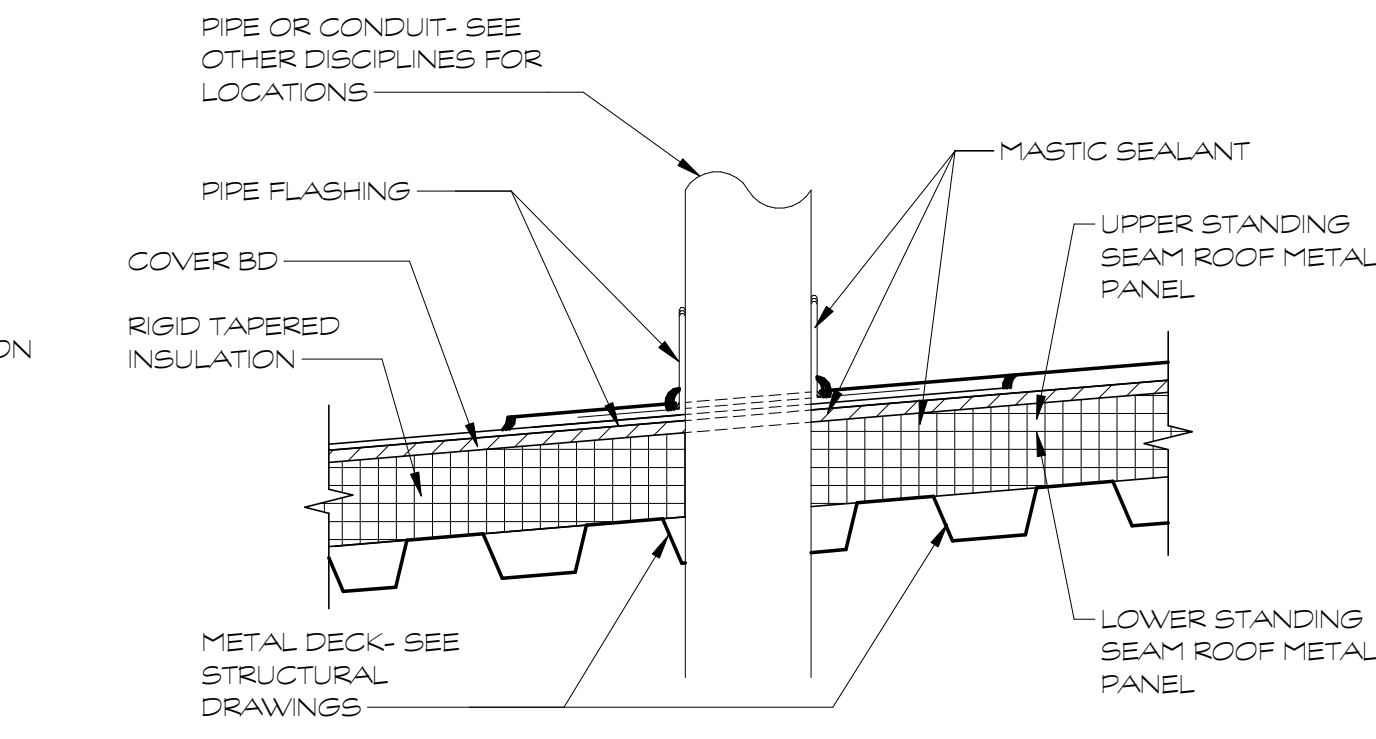
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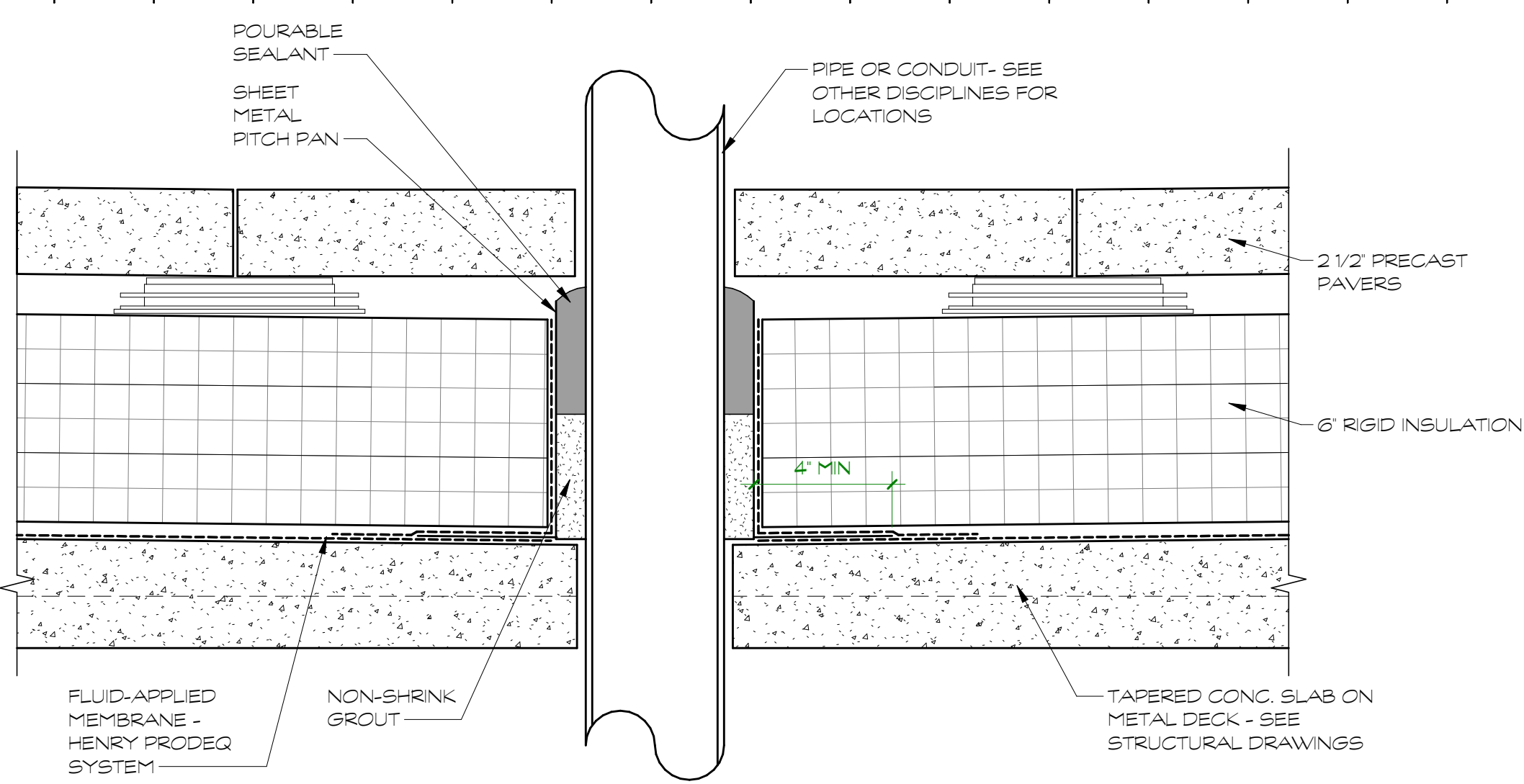
1
A1.7
ROOF DRAIN
3' = 1'-0"



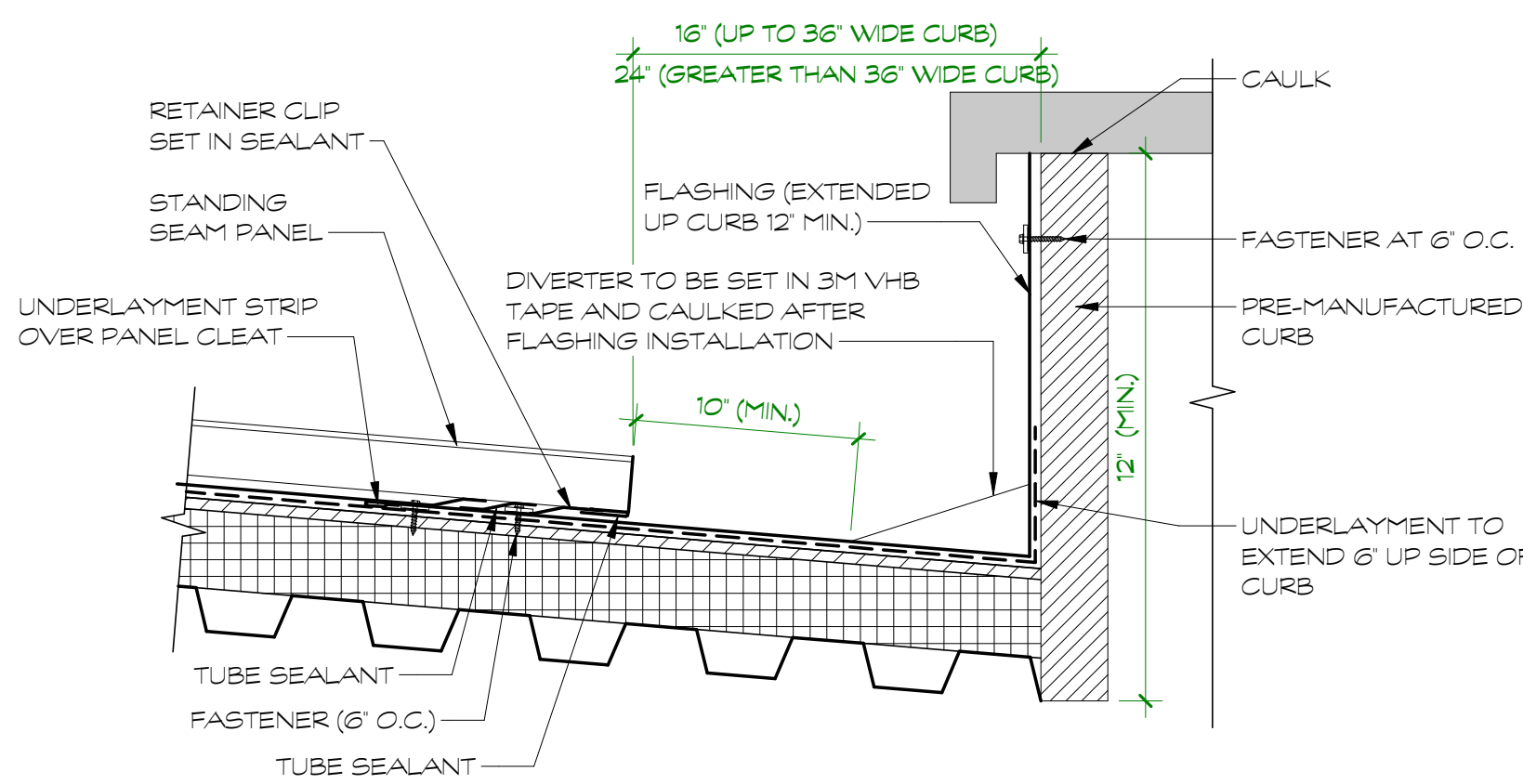
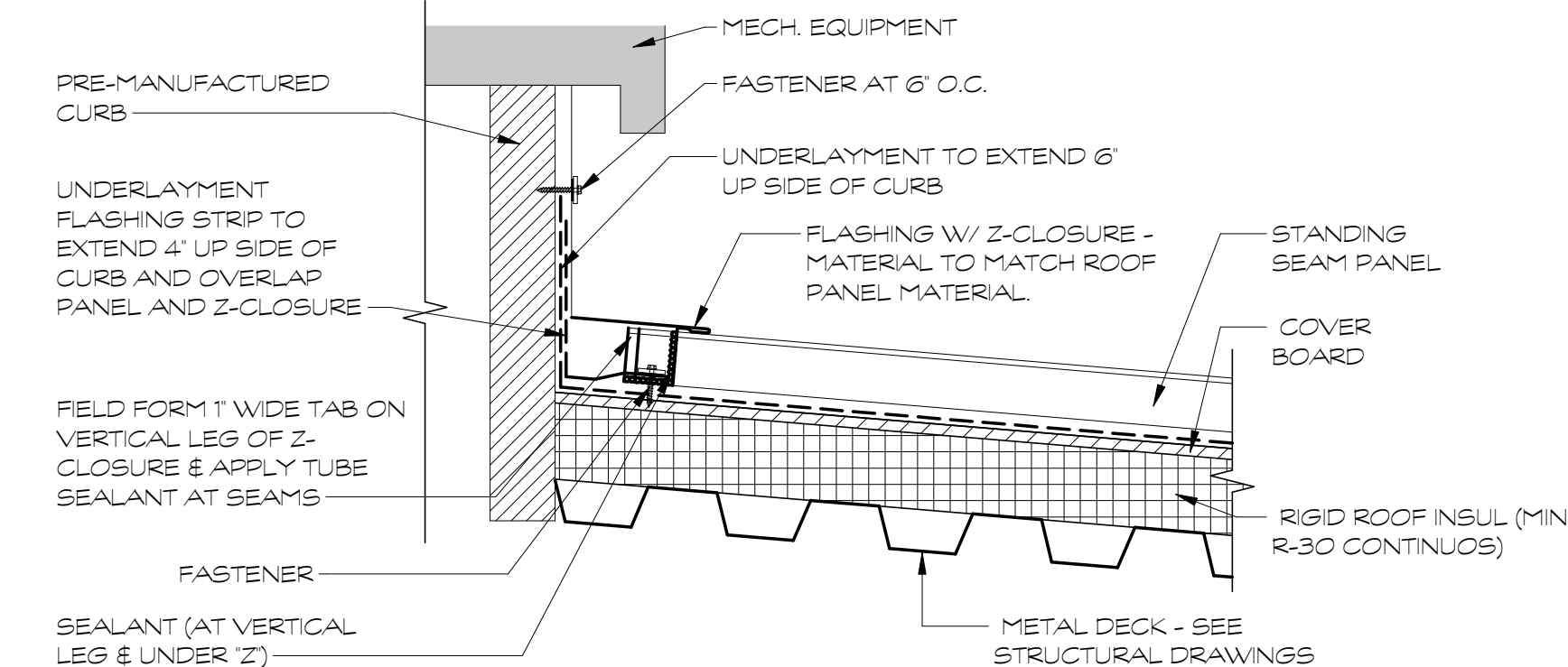
2
A1.7
EQUIPMENT CURB
3' = 1'-0"



3
A1.7
TYP. ROOF PIPE PENETRATION DETAIL
1 1/2' = 1'-0"



4
A1.7
ROOF PENETRATION - PITCH POCKET
3' = 1'-0"



5
A1.7
EXHAUST FAN CURB DETAIL
1 1/2' = 1'-0"

A1.7 NOTES

No.	Note Text
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TYPICAL
ROOFING
DETAILS

ES

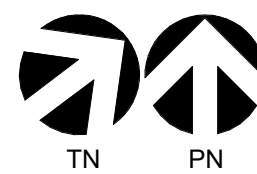
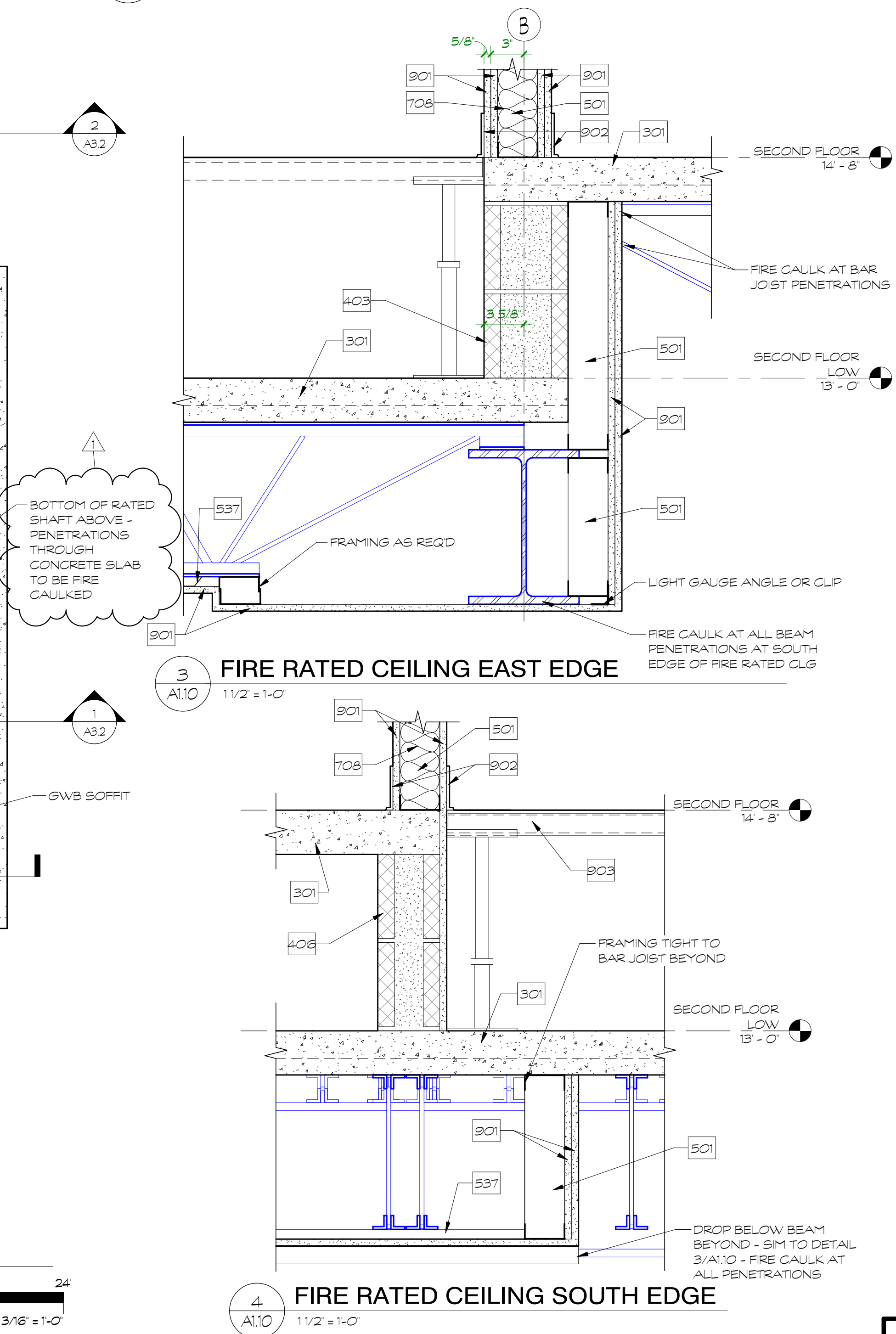
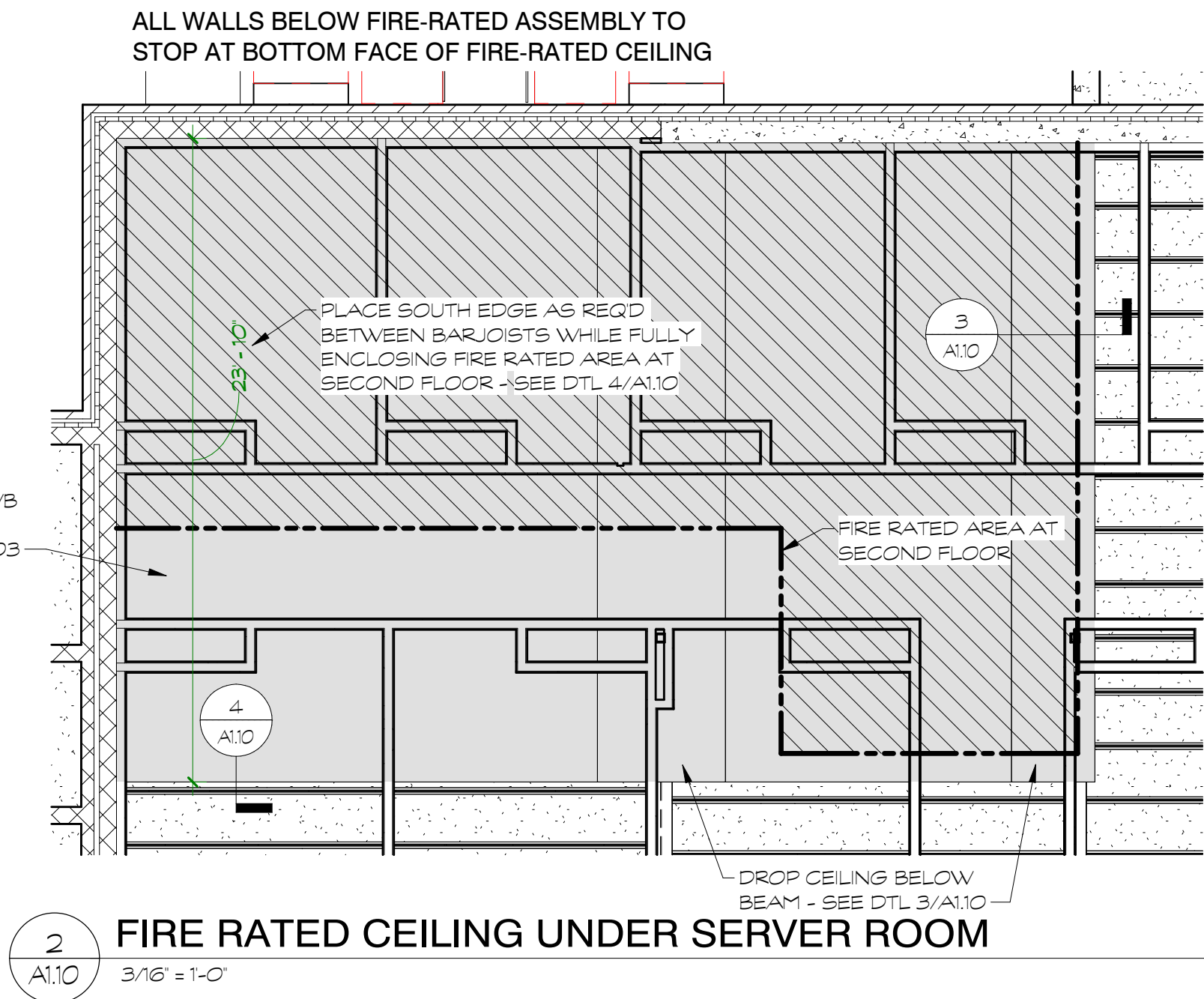
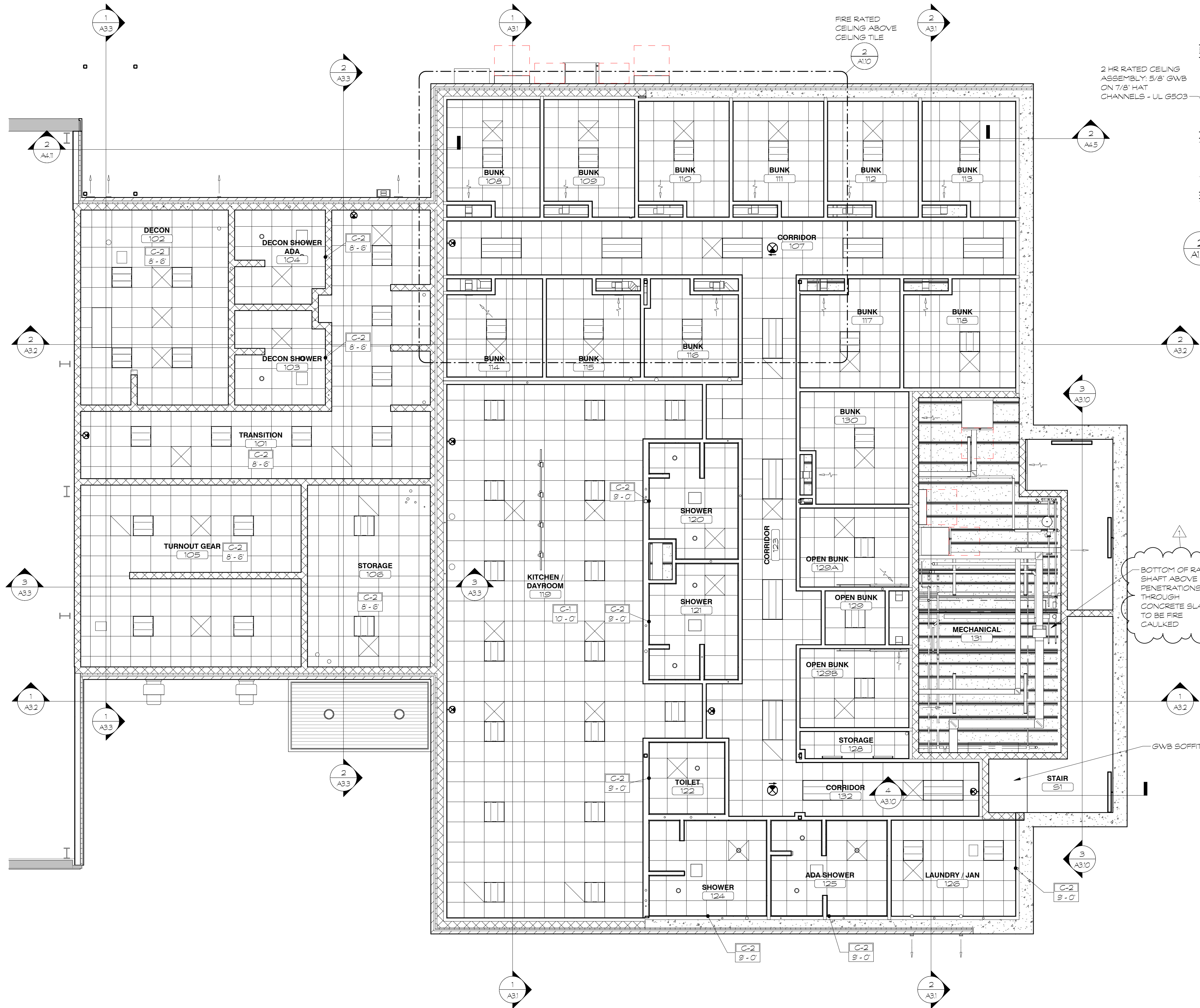
A1.7

CEILING LEGEND

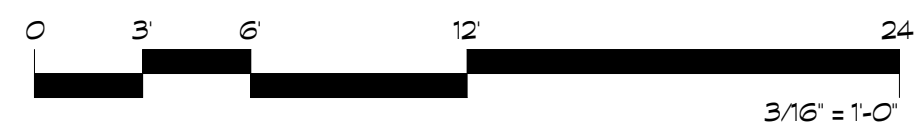
C-1 2x2 ACT CEILING

C-2 2x2 ACT CEILING - VINYL FACED

ALL CEILINGS ARE TYPE C-1 (9' - 0" AFF) UNLESS NOTED OTHERWISE



1 FIRST FLOOR REFLECTED CEILING PLAN
3/16" = 1'-0"

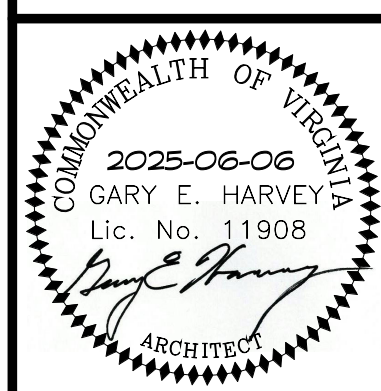


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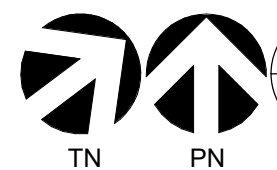
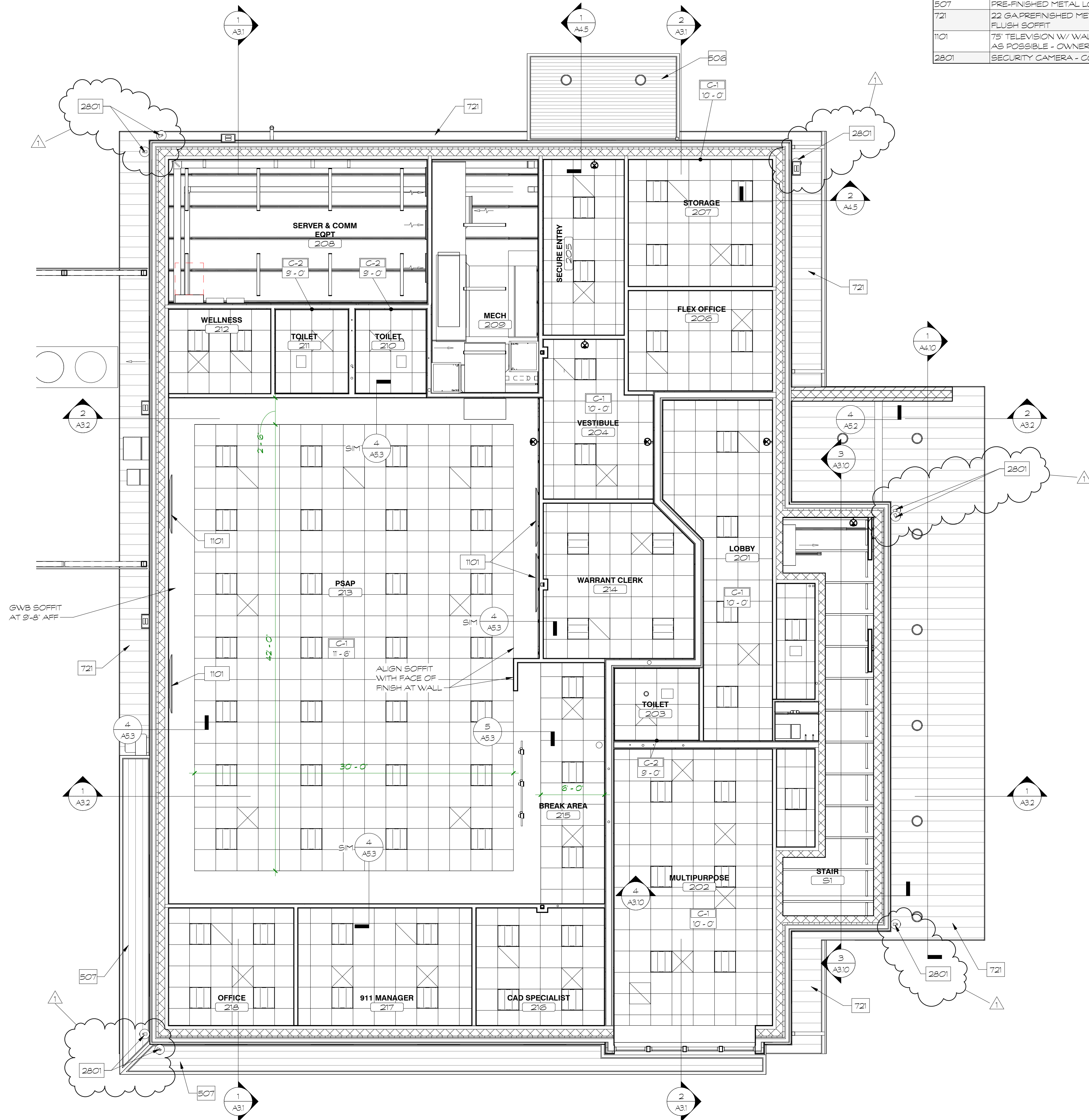
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ADDITION
FIRST FLOOR
REFLECTED
CEILING PLAN

A1.10

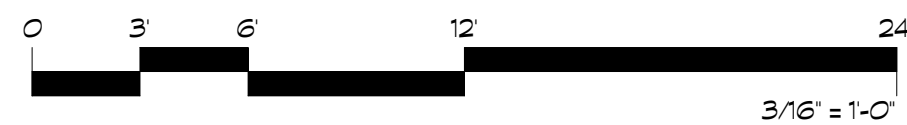
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SECOND FLOOR REFLECTED CEILING PLAN

1 A1.11 3/16" = 1'-0"

CEILING LEGEND	
	C-1 2x2 ACT CEILING
	C-2 2x2 ACT CEILING - VINYL FACED
ALL CEILINGS ARE TYPE C-1 (9' - 0" AFF) UNLESS NOTED OTHERWISE	



A1.11 NOTES	
No.	Note Text
506	PRE-FINISHED METAL CANOPY
507	PRE-FINISHED METAL LOUVERED SHADE CANOPY
721	22 GA PREFINISHED METAL SOFFIT PANELS - BASIS OF DESIGN: PAC-CLAD FLUSH SOFFIT
1101	75" TELEVISION W/ WALL MOUNT HARDWARE - MOUNT AS CLOSE TO CEILING AS POSSIBLE - OWNER PROVIDED/CONTRACTOR INSTALLED
2801	SECURITY CAMERA - COORDINATE LOCATION WITH OWNER



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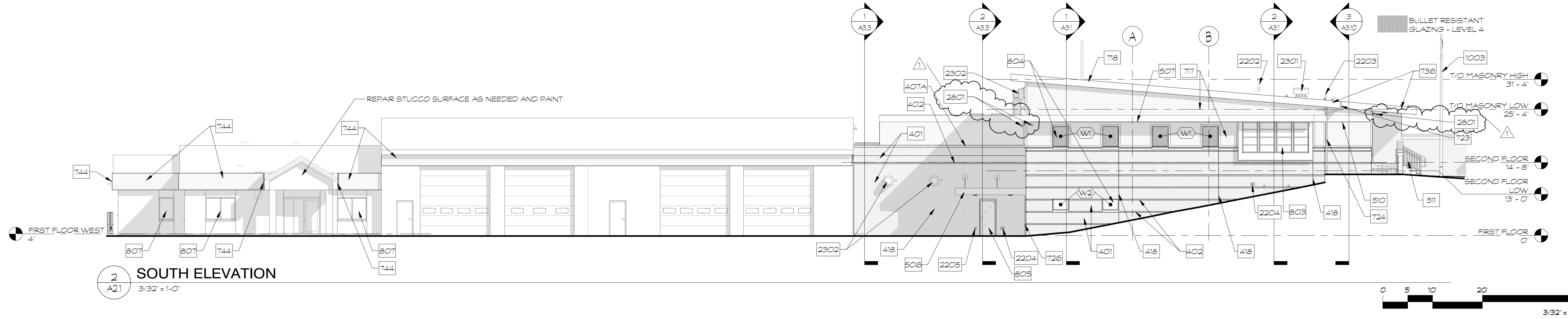
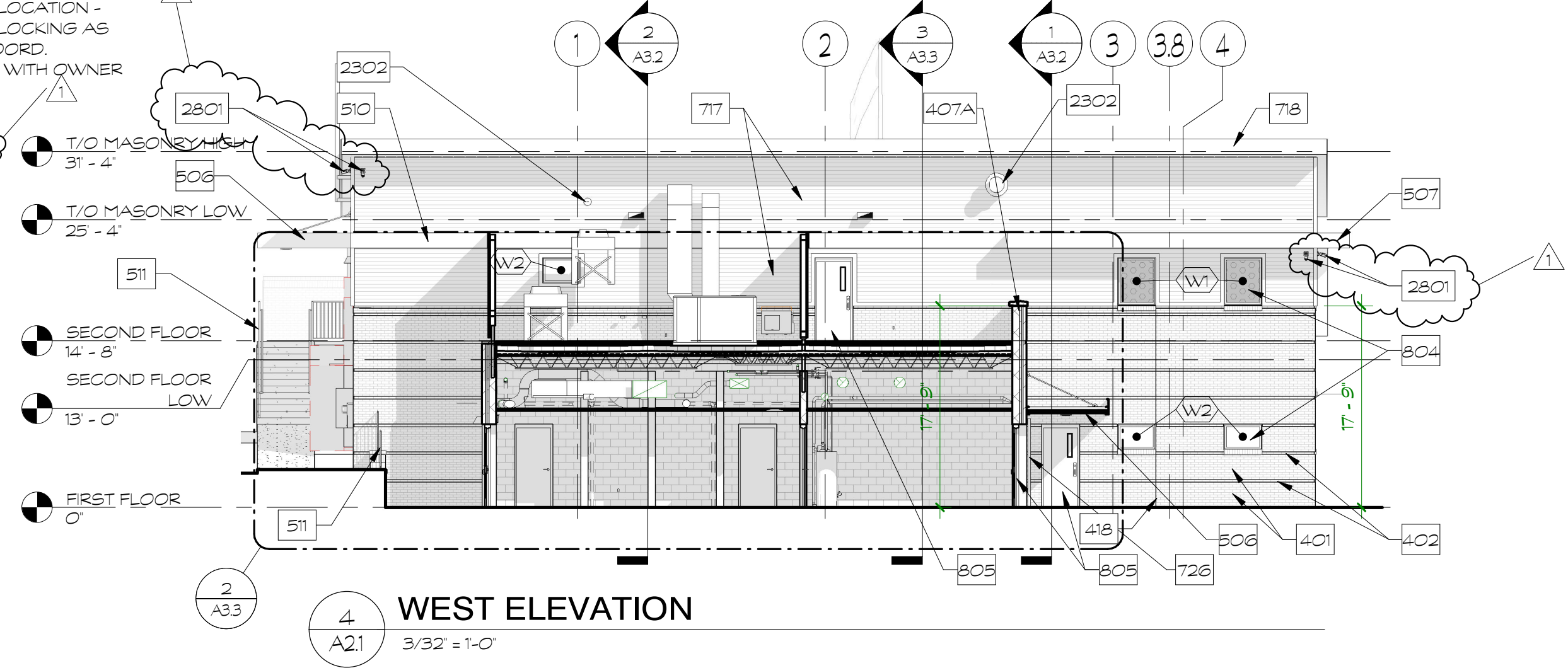
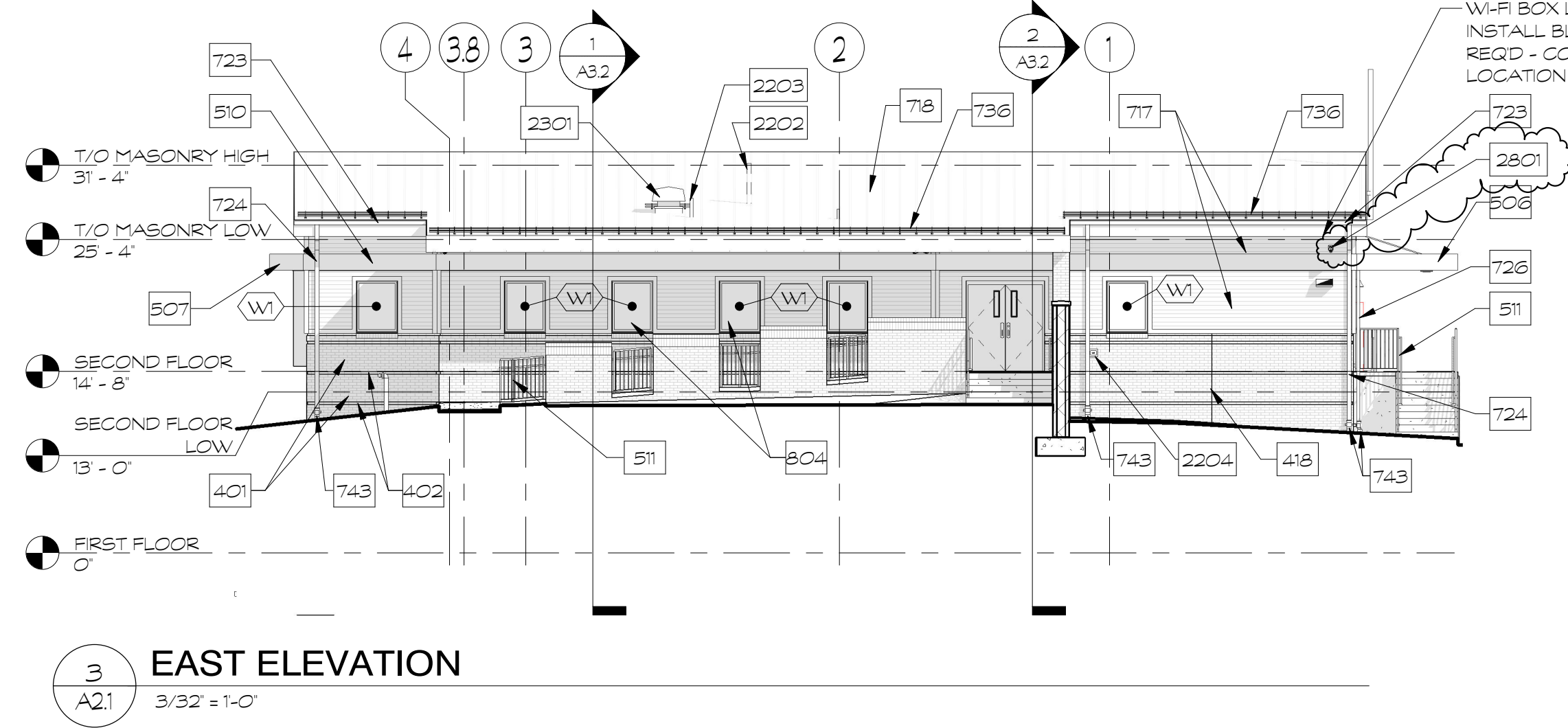
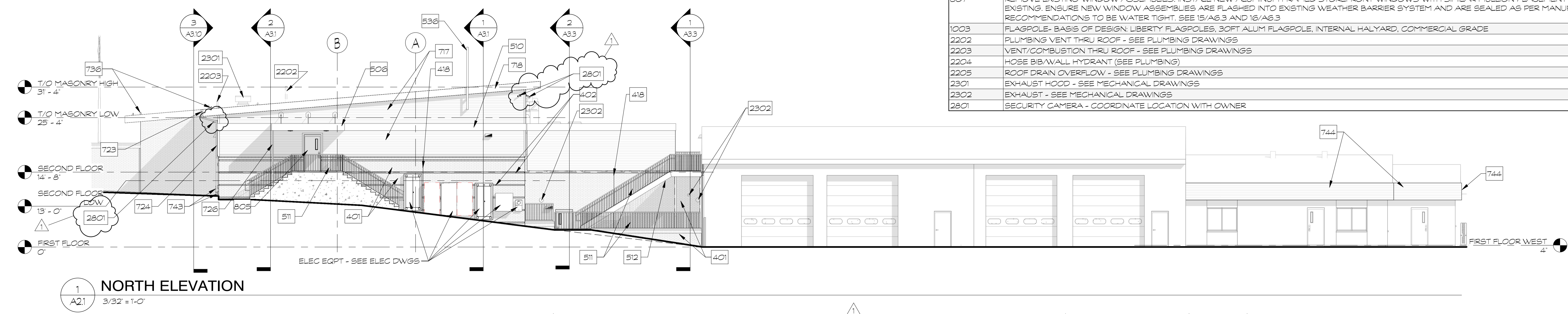
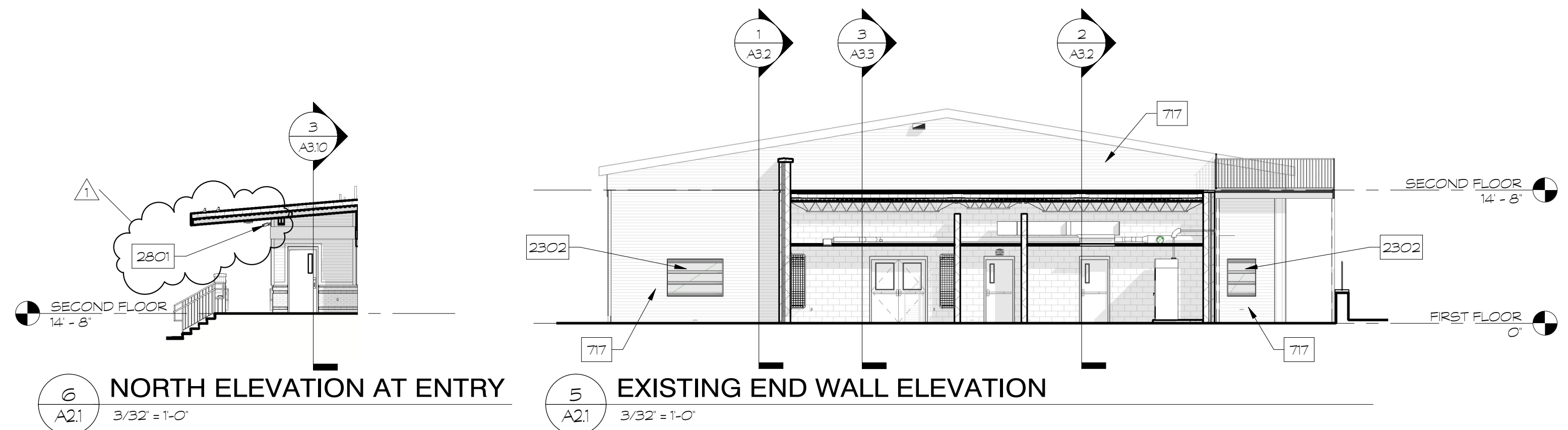
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ADDITION
SECOND
FLOOR
REFLECTED
CEILING PLAN

A1.11



A2.1 NOTES	
No.	Note Text
401	BRICK VENEER - FIELD BRICK COLOR 1
402	BRICK RECESS - 3/4" - COLOR 2
407A	CAST STONE PARAPET CAP - PROFILE A - SEE 4/A1.5
418	BRICK CONTROL JOINTS AT NO MORE THAN 20 FEET SPACING
506	PRE-FINISHED METAL CANOPY
507	PRE-FINISHED METAL LOUVERED SHADE CANOPY
510	PRE-FINISHED METAL BAND - SEE 7/A5.1
511	PAINTED METAL RAILING
512	PAINTED STEEL PAN STAIR
536	MAST FOR MICROWAVE DISH - SEE STRUCTURAL DRAWINGS - COORDINATE INSTALLATION OF DISH WITH OWNER
717	22 GA. METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
718	22 GA. PRE-FINISHED METAL ROOF PANELS WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD TITE-LOC PLUS PANEL
723	PRE-FINISHED 5x5 METAL GUTTER
724	PRE-FINISHED METAL DOWNSPOUT
726	PRE-FINISHED METAL CANOPY OVERFLOW DRAIN DOWNSPOUT AS PER MANUFACTURER
736	SNOW GUARD
743	CAST IRON DOWNSPOUT BOOT - SEE CIVIL DRAWINGS FOR CONNECTION TO STORM DRAINAGE
744	REMOVE EXISTING VERTICAL RIB PANELS, TRIM, AND COPING. INSTALL LOWER METAL DRIP EDGE TRIM AND 7/8" HAT CHANNEL OVER EXISTING WALL FRAMING. INSTALL 22 GA. METAL WALL PANELS (HORIZONTAL - MATCH PANELS AT ADDITION) WITH CONCEALED CLIP FASTENERS AND ASSOCIATED METAL COPING AND TRIM - BASIS OF DESIGN: PAC-CLAD HWP
803	ALUMINUM STOREFRONT
804	ALUMINUM STOREFRONT WINDOW
805	PAINTED STEEL DOOR
807	REMOVE EXISTING WINDOW ASSEMBLIES. INSTALL NEW ALUMINUM FRAMED STOREFRONT WINDOWS WITH SIMILAR MULLION PLACEMENT TO EXISTING. ENSURE NEW WINDOW ASSEMBLIES ARE FLASHED INTO EXISTING WEATHER BARRIER SYSTEM AND ARE SEALED AS PER MANUFACTURER RECOMMENDATIONS TO BE WATER TIGHT. SEE 15/A6.3 AND 16/A6.3
1003	FLAGPOLE - BASIS OF DESIGN: LIBERTY FLAGPOLES, SOFT ALUM. FLAGPOLE, INTERNAL HALLYARD, COMMERCIAL GRADE
2202	PLUMBING VENT THRU ROOF - SEE PLUMBING DRAWINGS
2203	VENT/COMBUSTION THRU ROOF - SEE PLUMBING DRAWINGS
2204	HOSE BIB/WALL HYDRANT (SEE PLUMBING)
2205	ROOF DRAIN OVERFLOW - SEE PLUMBING DRAWINGS
2301	EXHAUST HOOD - SEE MECHANICAL DRAWINGS
2302	EXHAUST - SEE MECHANICAL DRAWINGS
2801	SECURITY CAMERA - COORDINATE LOCATION WITH OWNER



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PROJECT NO.: 24100

BID SET

COMMONWEALTH OF VIRGINIA

2025-06-06

GARY E. HARVEY

Lic. No. 11908

ARCHITECT

DATE: 2025-06-06

DESIGNED: GEH

DRAWN: TMT

CHECKED: GEH

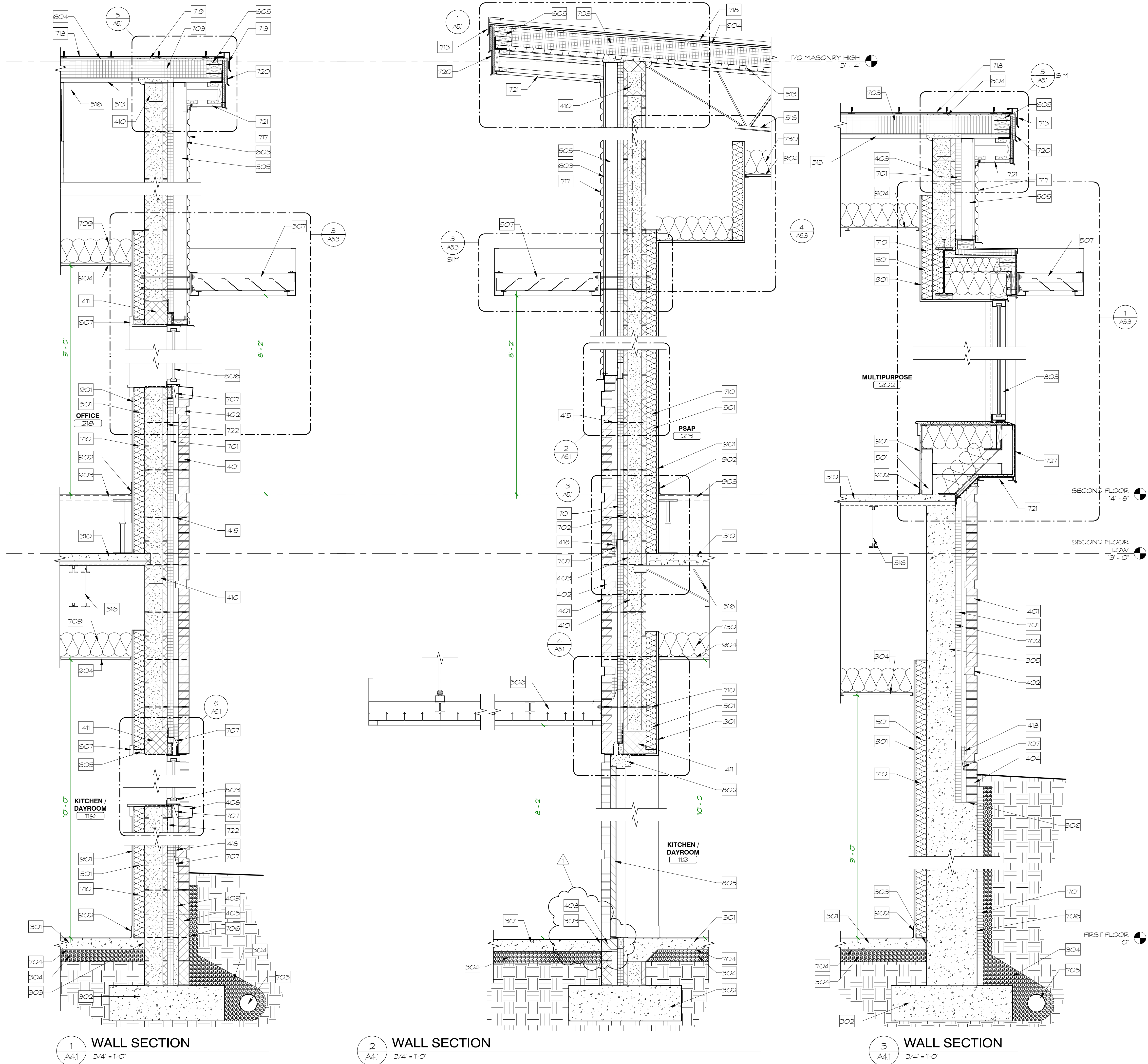
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BUILDING ELEVATIONS

A2.1

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A4.1 NOTES

No.	Note Text
301	CONCRETE SLAB - SEE STRUCTURAL DRAWINGS
302	CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
303	EXPANSION JOINT WHERE ALL CONCRETE POURS AGAINST MASONRY
304	CRUSHED STONE
305	CONCRETE WALL - SEE STRUCTURAL DRAWINGS
306	BRICK SHELF IN CONCRETE WALL - SEE STRUCTURAL DRAWINGS
310	CONCRETE SLAB ON DECK - SEE STRUCTURAL DRAWINGS
401	BRICK VENEER - FIELD BRICK COLOR 1
402	BRICK RECESS - 3/4" - COLOR 2
403	8" CMU - GROUT SOLID
404	CONTINUE BRICK MIN 3 COURSES BELOW GRADE
405	SOLID 4" CMU
408	SLOPED BRICK SILL
409	SOLID FILL BELOW GRADE GAVITY WITH GROUT
410	8" CMU BOND BEAM - SEE STRUCTURAL DRAWINGS
411	CMU LINTEL - SEE STRUCTURAL DRAWINGS
415	MASONRY TIES AT 16" VERTICALLY
418	MORTAR NET - MIN 8"
501	3 5/8" METAL STUDS AT 16" O.C.
505	4" Z GIRT - VERTICAL - ATTACHED TO HORIZONTAL Z GIRTS
506	PRE-FINISHED METAL CANOPY
507	PRE-FINISHED METAL LOUVERED SHADE CANOPY
513	CORRUGATED METAL DECK - SEE STRUCTURAL DRAWINGS
516	STRUCTURAL STEEL JOIST/BEAM - SEE STRUCTURAL DRAWINGS
603	5/8" GYPSUM SHEATHING
604	5/8" GYPSUM COVER BOARD
605	2X TREATED WOOD BLOCKING
607	WOOD CASING AND TRIM
701	2" RIGID INSULATION
702	WEATHER BARRIER
703	6" RIGID INSULATION
704	VAPOR BARRIER
705	DRAIN TILE - PIPE TO DAYLIGHT, SEE CIVIL DRAWINGS
706	WATERPROOFING BELOW GRADE
707	THRU-WALL FLASHING WITH WEEPS AT 32" O.C.
709	5 1/2" SOUND BATT INSULATION
710	3 1/2" BATT INSULATION, R-13 MINIMUM
713	FLASHING WITH DRIP EDGE
717	22 GA. METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
718	22 GA. PREFINISHED METAL ROOF PANELS WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD TITE-LOC PLUS PANEL
719	ROOF UNDERLAYMENT WEATHER BARRIER - ICE AND WATER SHIELD
720	REFINISHED 22 GA. BRAKE METAL TRIM
721	22 GA. PREFINISHED METAL SOFFIT PANELS - BASIS OF DESIGN: PAC-CLAD FLUSH SOFFIT
722	FLEXIBLE FLASHING
727	BENT METAL PANELS TO MATCH STOREFRONT FINISH
730	6" SOUND BATT INSULATION ABOVE CEILING TILE
802	HOLLOW METAL FRAME
803	ALUMINUM STOREFRONT
805	PAINTED STEEL DOOR
806	ALUMINUM STOREFRONT - BULLET RESISTANT, LEVEL 4
901	5/8" GWS
902	BASE - SEE FINISH SCHEDULE
903	RAISED ACCESS FLOOR - SET HEIGHT SO THAT FINAL FINISHED SURFACES ARE FLUSH WITH ADJACENT SURFACES
904	2x2 ACOUSTIC CEILING TILE - SEE REFLECTED CEILING PLANS



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BOTETOURT COUNTY
RMFDE - 911 COMPLEX
43 EASTPARK DRIVE, ROANOKE, VA 24019
PROJECT NO.: 24100

BID SET



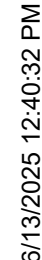
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WALL SECTIONS

A4.1



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COMMONWEALTH OF VIRGINIA
2025-06-06
GARY E. HARVEY
Lic. No. 11908
Architect

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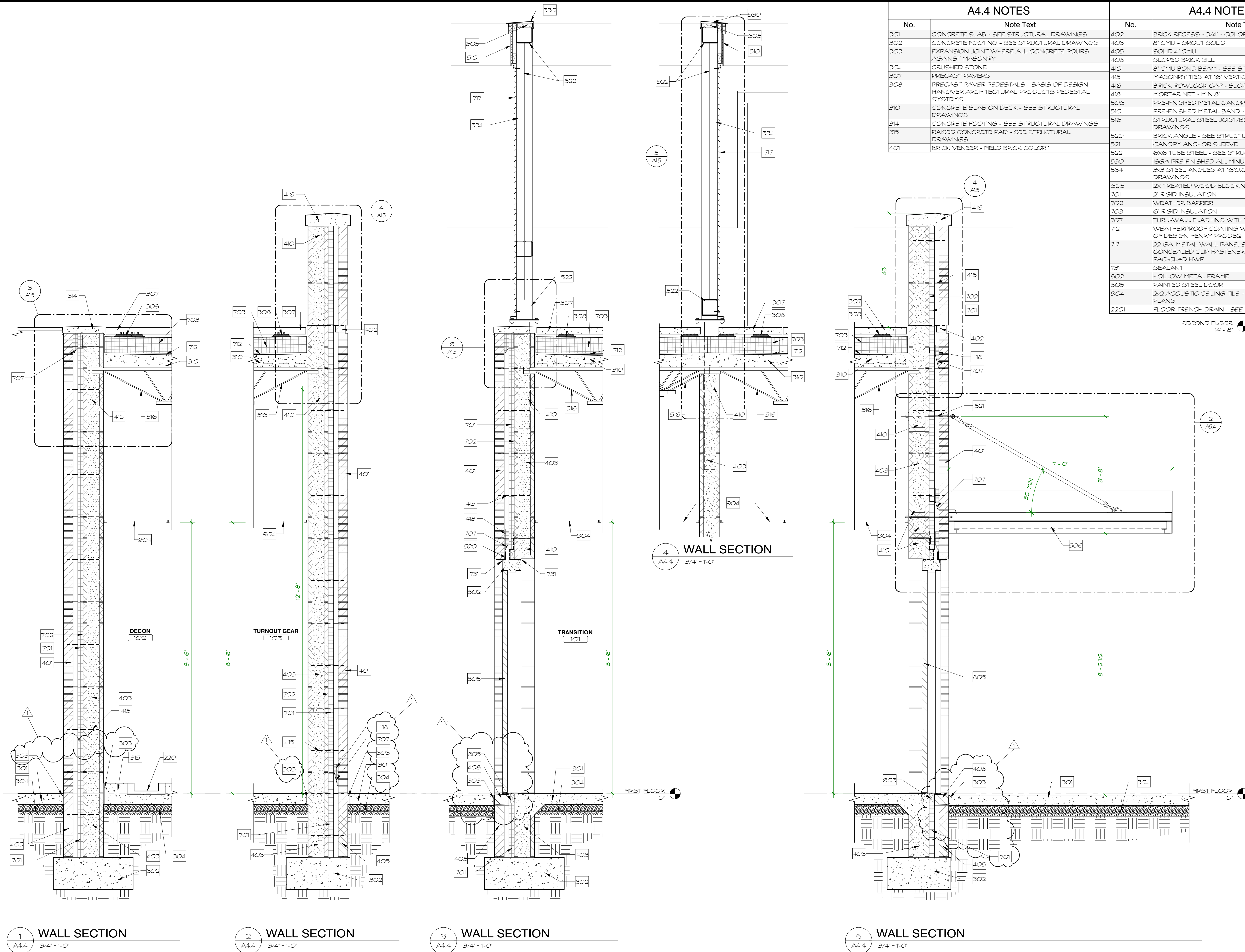
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WALL SECTIONS

A4.3

6/13/2025 12:40:43 PM



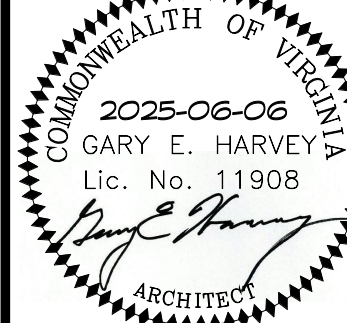
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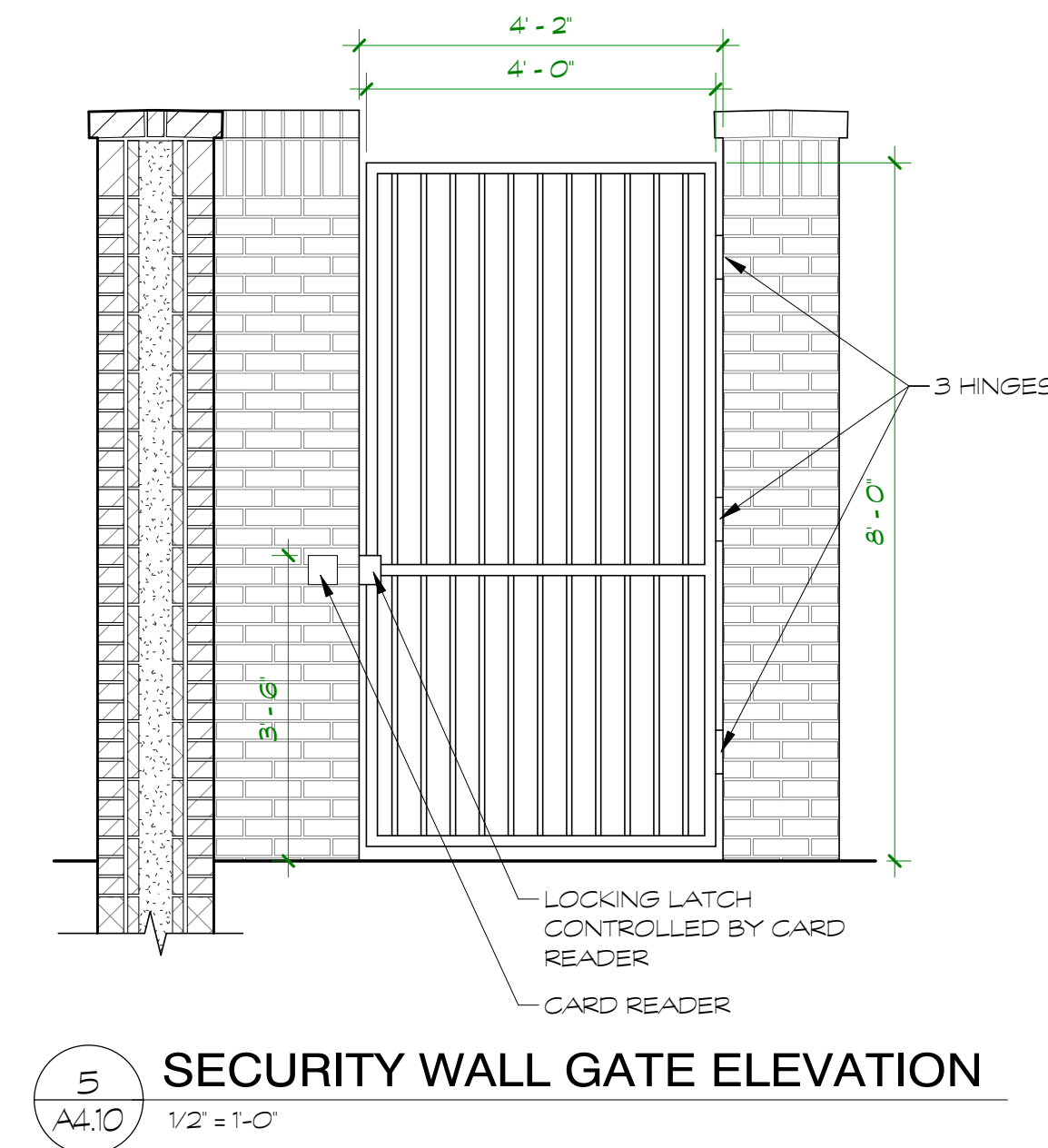
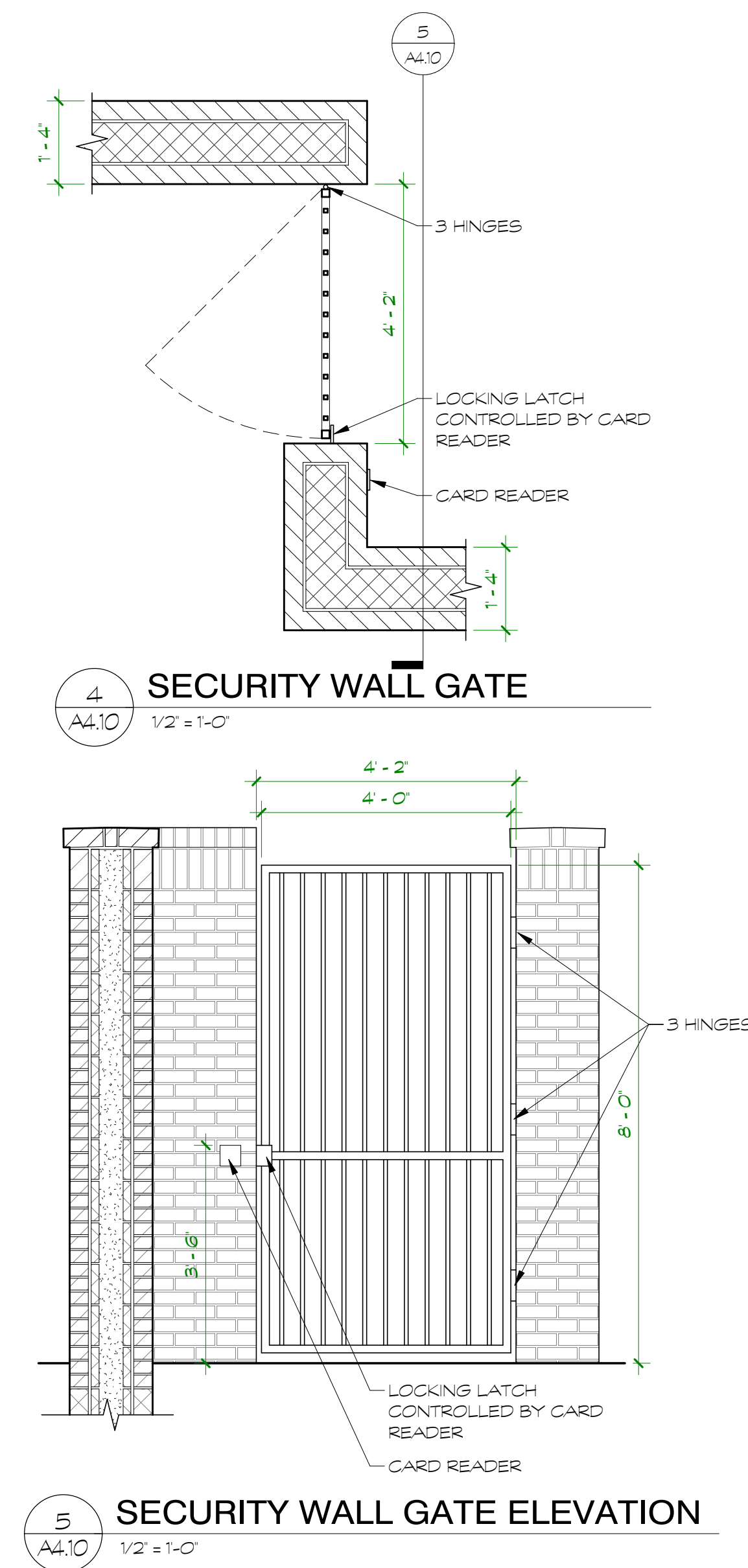
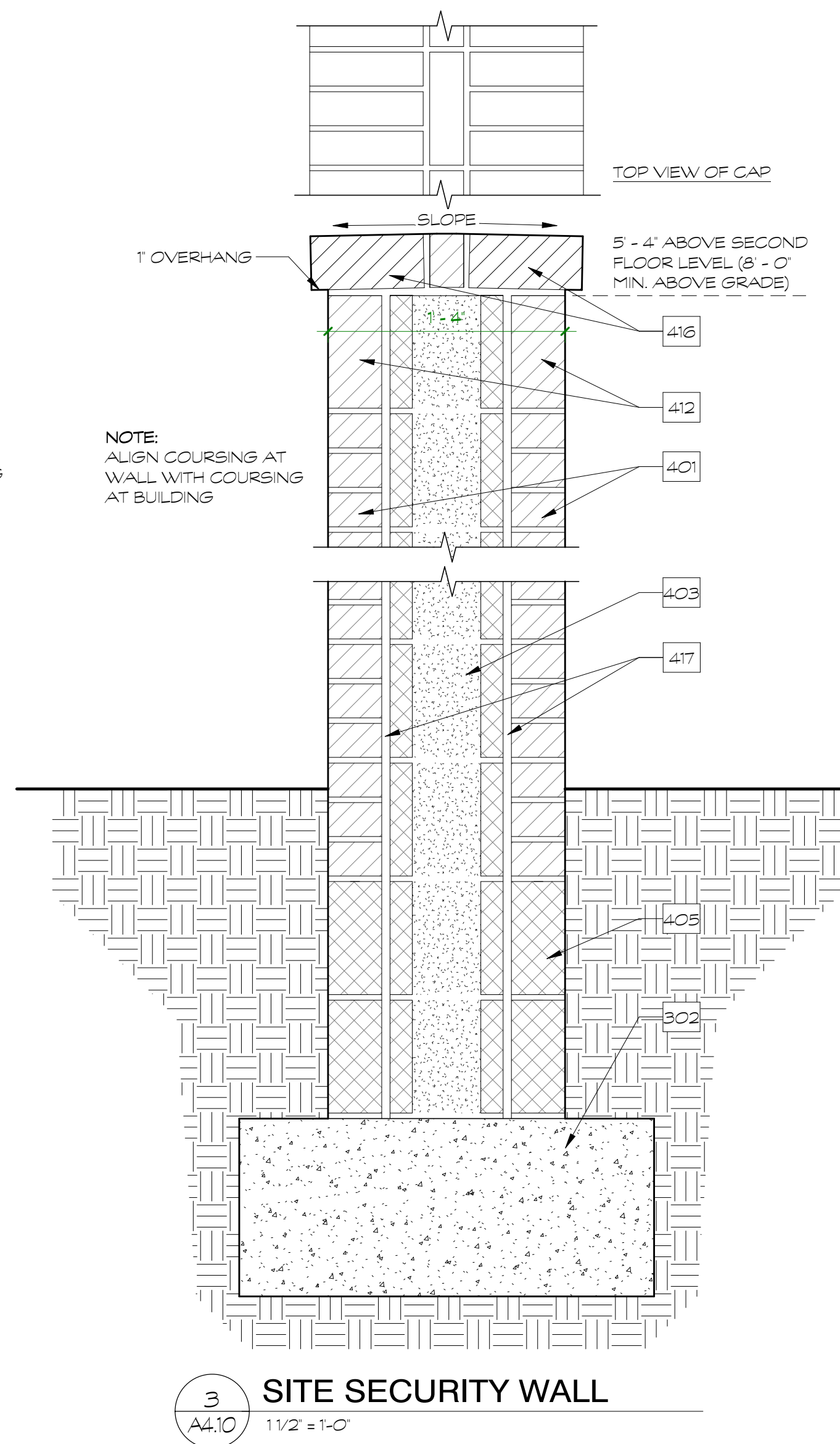
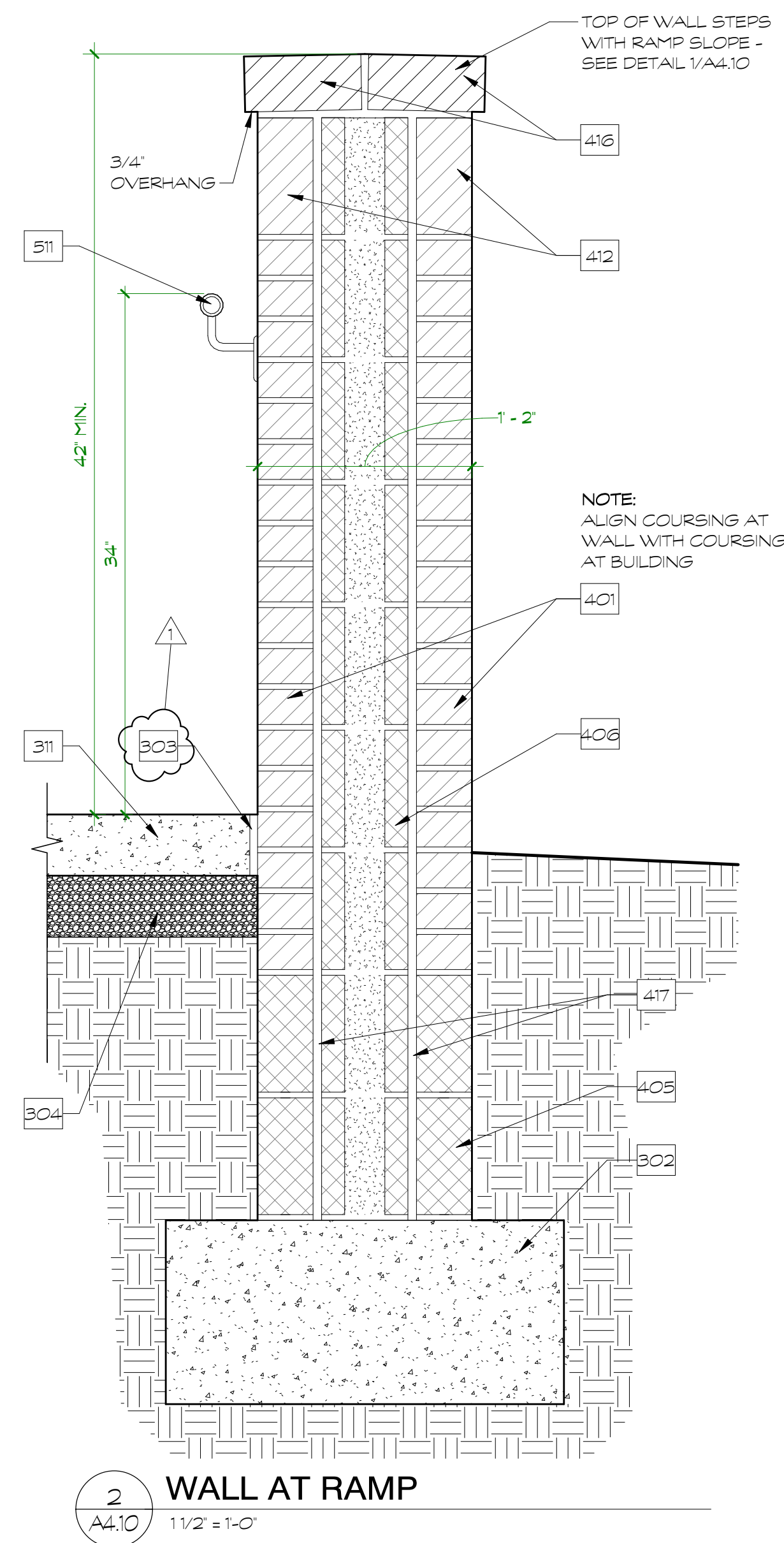
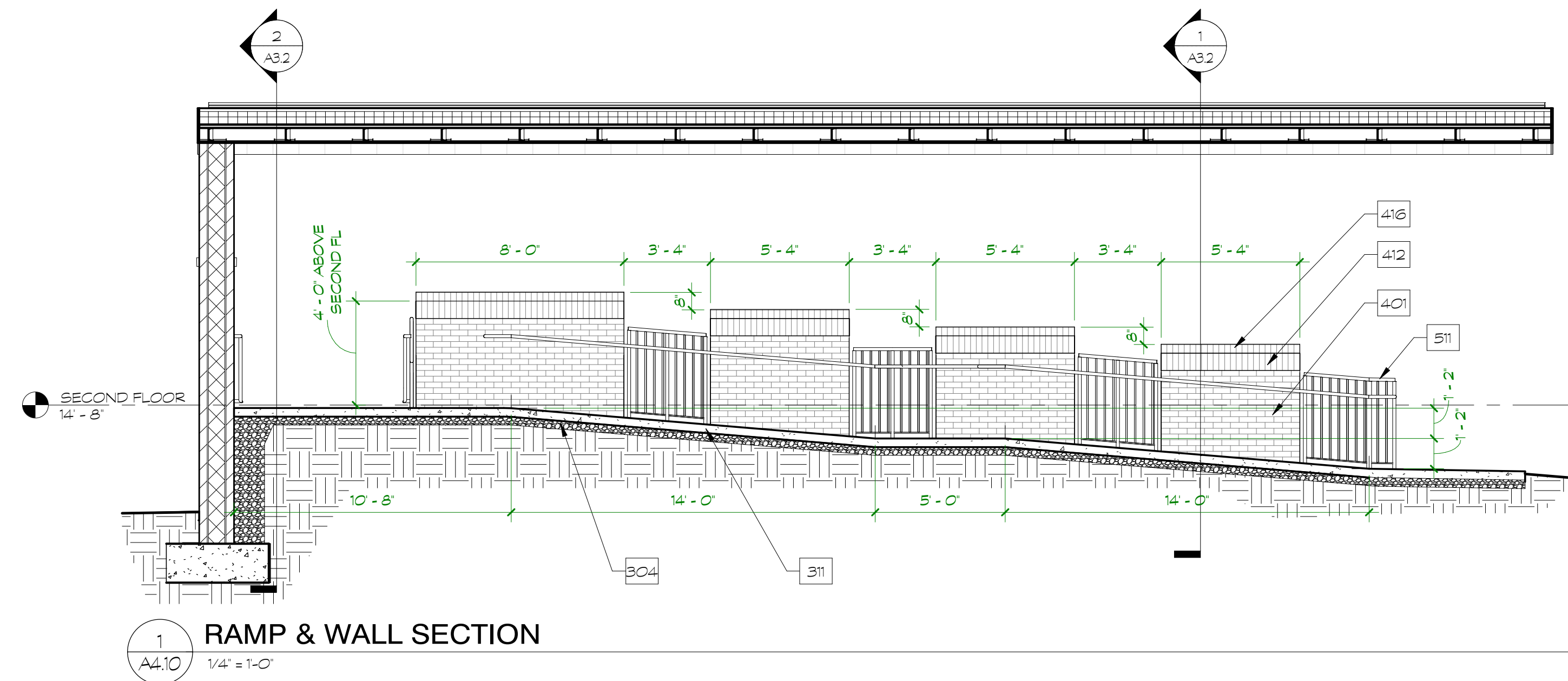
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WALL
SECTIONS

A4.4

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A4.10 NOTES	
No.	Note Text
302	CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
303	EXPANSION JOINT WHERE ALL CONCRETE POURS AGAINST MASONRY
304	CRUSHED STONE
311	CONCRETE RAMP
401	BRICK VENEER - FIELD BRICK COLOR 1
403	6" CMU - GROUT SOLID
405	SOLID 4" CMU
406	6" CMU - GROUT SOLID
412	BRICK SOLDIER COURSE - COLOR 1
416	BRICK ROWLOCK CAP - SLOPED 1/4":12 - COLOR 1
417	GROUT ALL WALL CAVITIES SOLID
511	PAINTED METAL RAILING

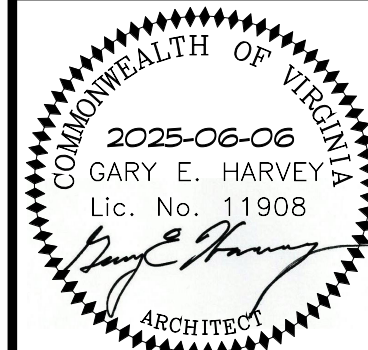


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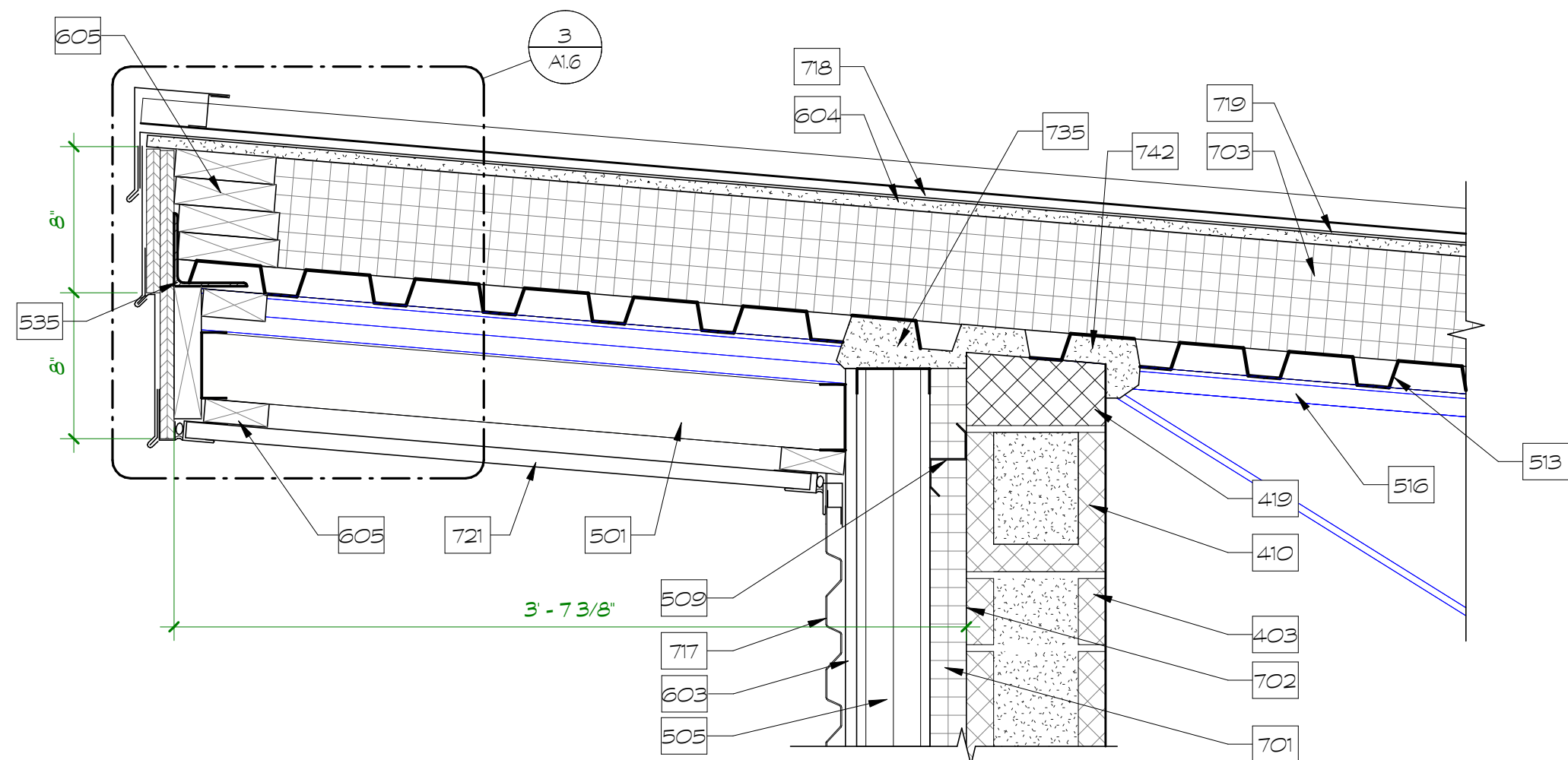
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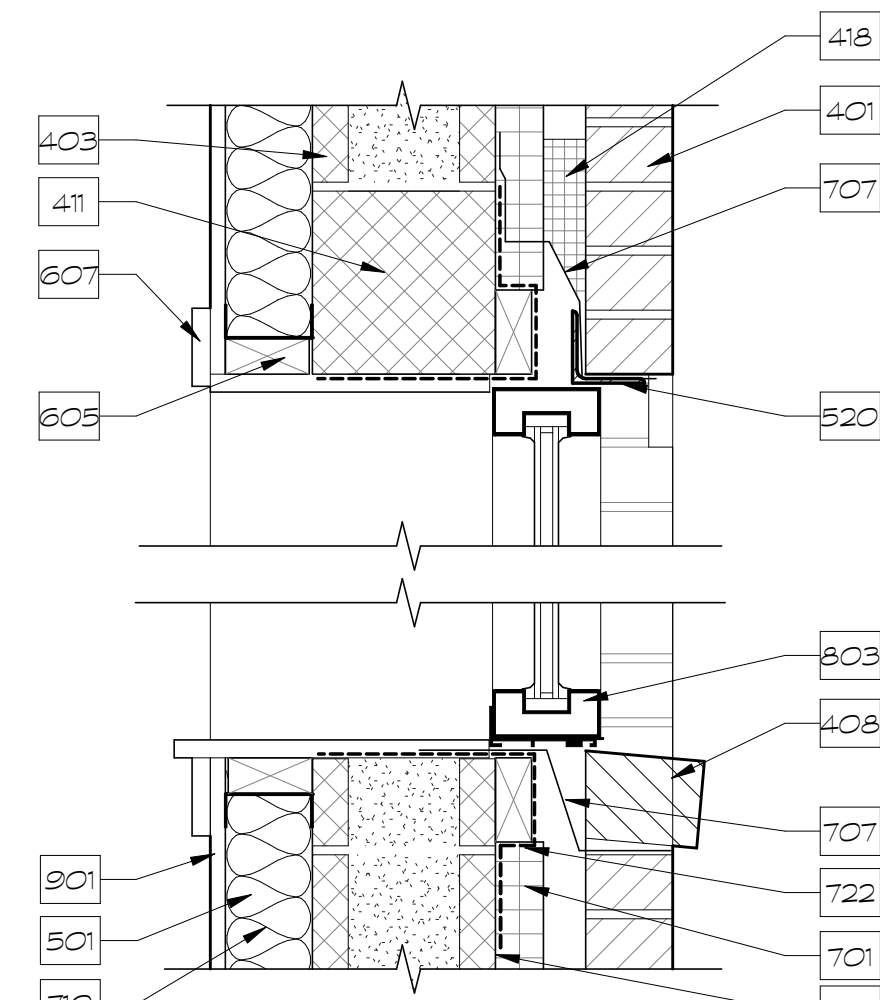
SITE WALLS SECTIONS & DETAILS

A4.10

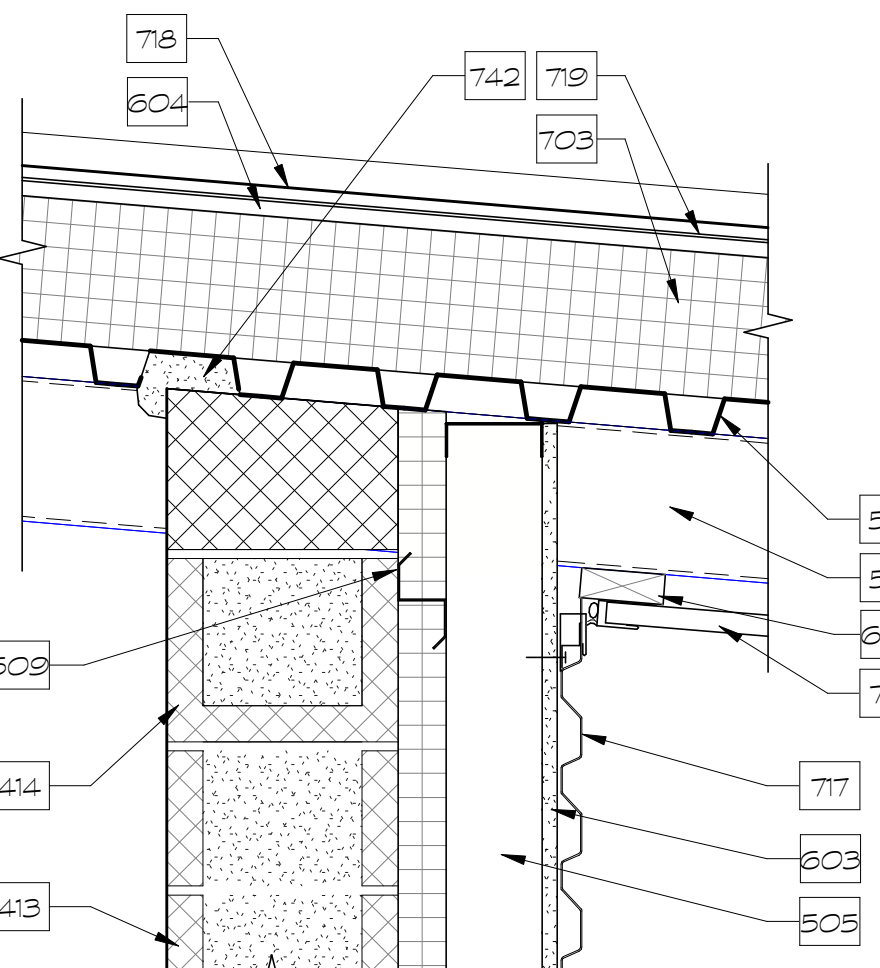
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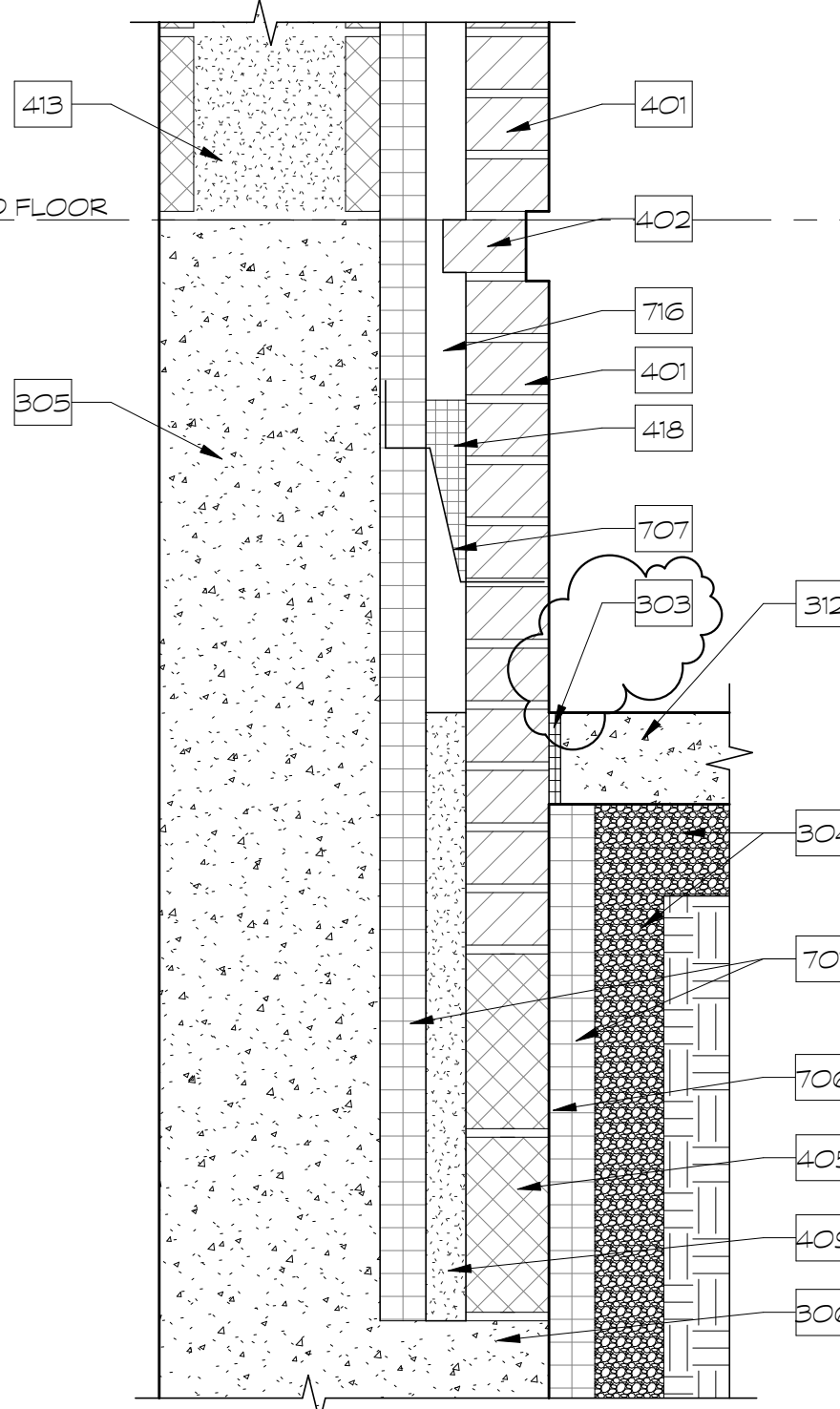
1 METAL ROOF HIGH EAVE AND SOFFIT
1 1/2" = 1'-0"



8 FIRST FLOOR WINDOW HEAD / SILL
1 1/2" = 1'-0"

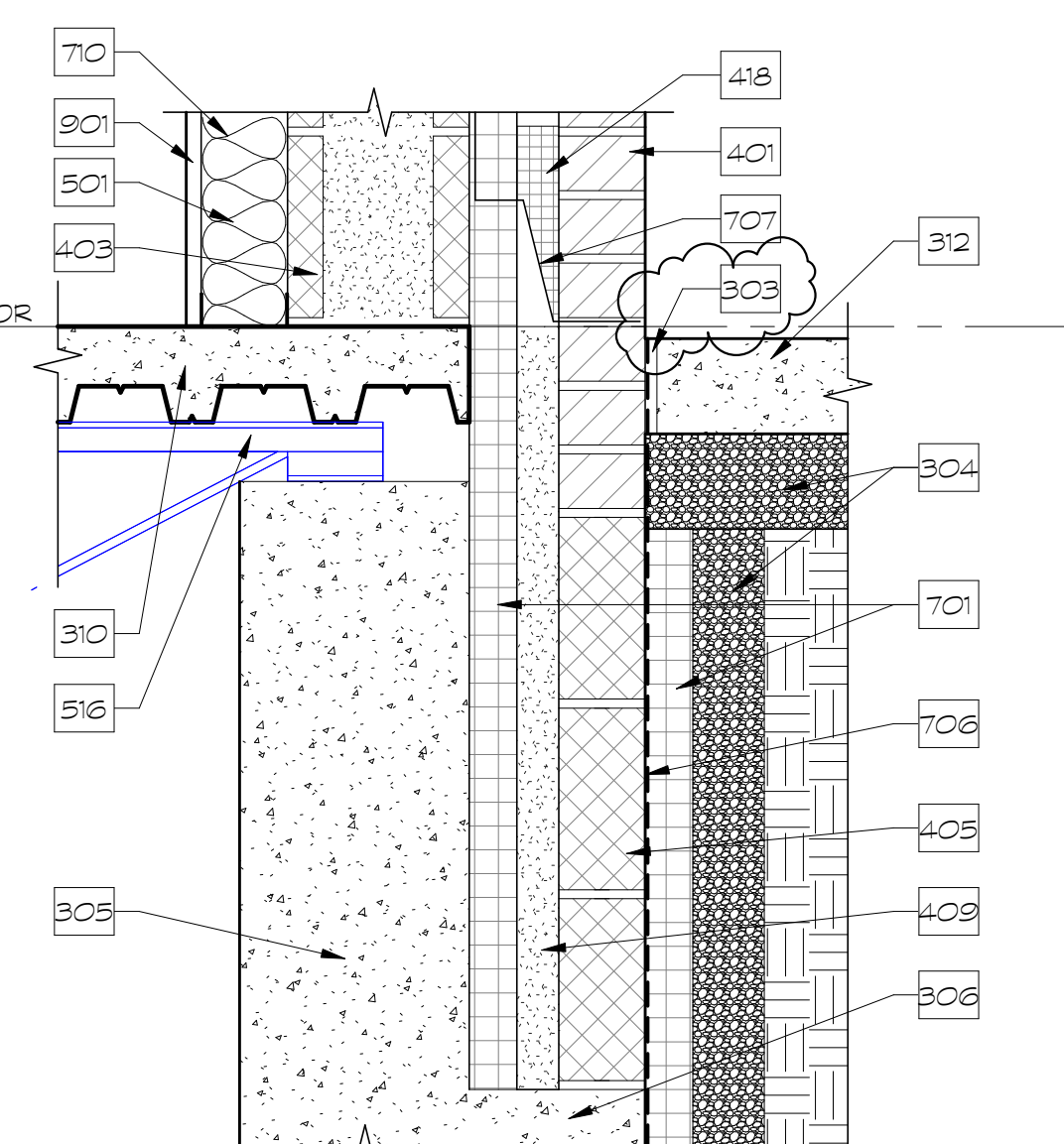


9 EXTERIOR WALL TO BOTTOM OF DECK
1 1/2" = 1'-0"

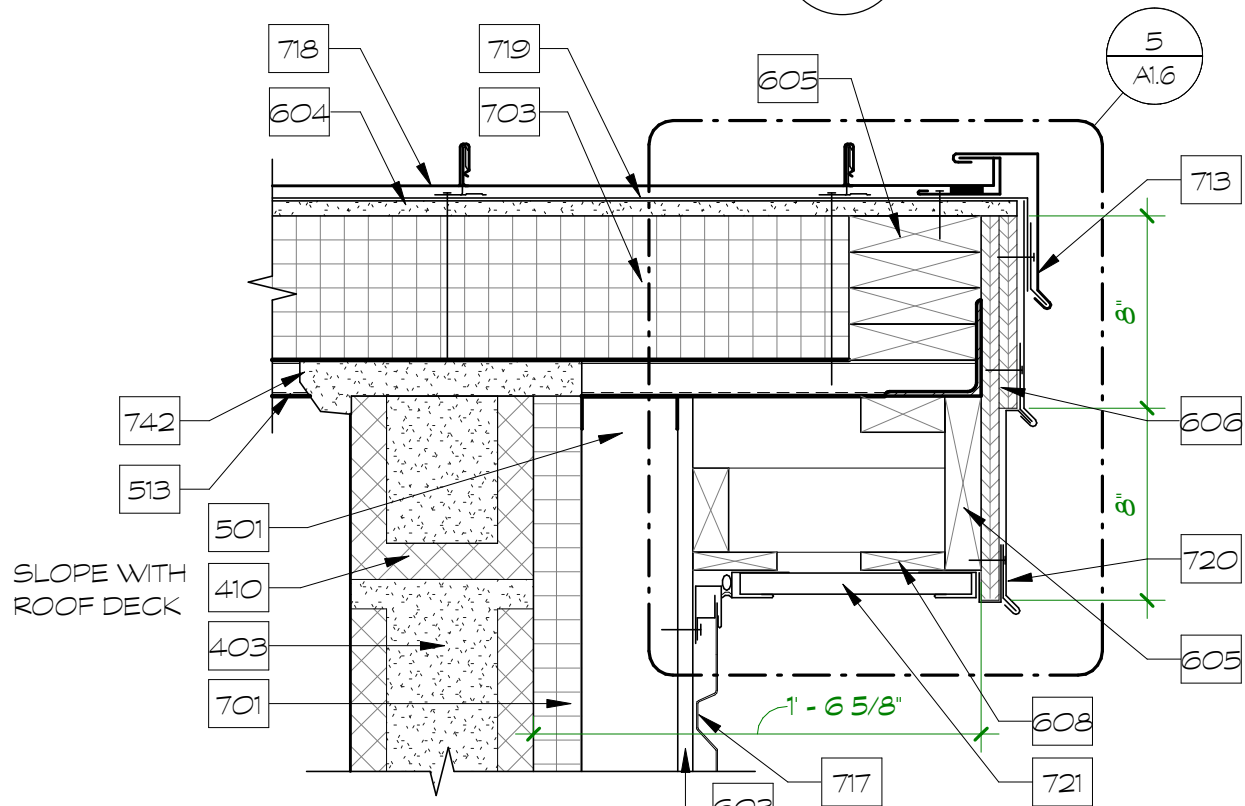


10 STAIR WALL TO EXT SIDEWALK
1 1/2" = 1'-0"

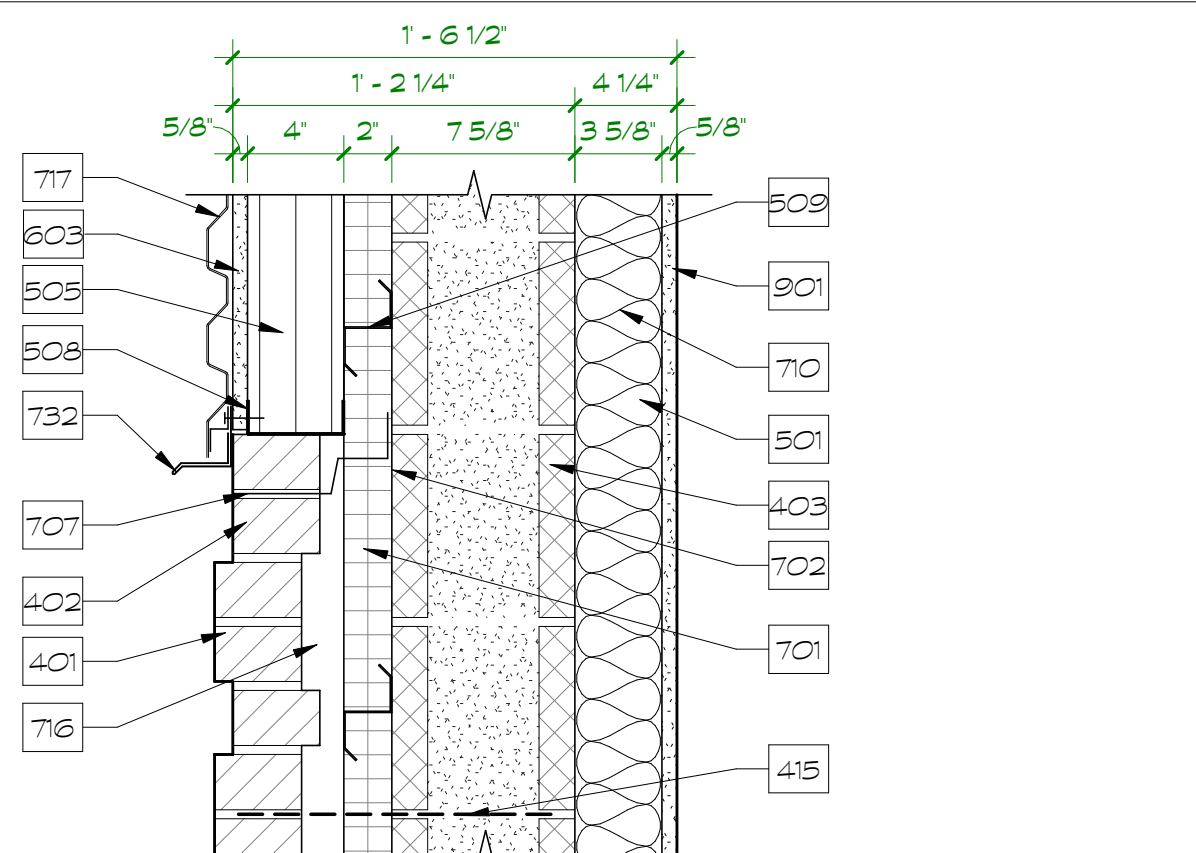
A5.1 NOTES	
No.	Note Text
303	EXPANSION JOINT WHERE ALL CONCRETE POURS AGAINST MASONRY
304	CRUSHED STONE
305	CONCRETE WALL - SEE STRUCTURAL DRAWINGS
306	BRICK SHELF IN CONCRETE WALL - SEE STRUCTURAL DRAWINGS
310	CONCRETE SLAB ON DECK - SEE STRUCTURAL DRAWINGS
312	CONCRETE SIDEWALK - SEE CIVIL DRAWINGS
401	BRICK VENEER - FIELD BRICK COLOR 1
402	BRICK RECESS - 3/4" - COLOR 2
403	8" CMU - GROUT SOLID
405	SOLID 4" CMU
408	SLOPED BRICK SILL
409	SOLID FILL BELOW GRADE CAVITY WITH GROUT
410	8" CMU BOND BEAM - SEE STRUCTURAL DRAWINGS
411	CMU LINTEL - SEE STRUCTURAL DRAWINGS
413	10" CMU - GROUT SOLID
414	10" CMU BOND BEAM - SEE STRUCTURAL DRAWINGS
415	MASONRY TIES AT 16" VERTICALLY
418	MORTAR NET - MIN 8"
419	CUT BLOCK AT TOP OF WALL TO MEET BOTTOM OF METAL DECK
501	3 5/8" METAL STUDS AT 16" O.C.
505	4" Z GIRT - VERTICAL - ATTACHED TO HORIZONTAL Z GIRTS
506	PRE-FINISHED METAL CANOPY
508	4" COLD FORM METAL FRAME TRACK - ATTACH TO END OF 4" Z GIRT
509	2" Z GIRT - HORIZONTAL - ATTACHED TO CMU
513	CORRUGATED METAL DECK - SEE STRUCTURAL DRAWINGS
515	COLD-FORMED FRAMING - SEE STRUCTURAL DRAWINGS
516	STRUCTURAL STEEL JOIST/BEAM - SEE STRUCTURAL DRAWINGS
520	BRICK ANGLE - SEE STRUCTURAL DRAWINGS
530	18GA PRE-FINISHED ALUMINUM
535	4x4 ANGLE - SEE STRUCTURAL DRAWINGS
601	3/4" FIRE RATED PLYWOOD
603	5/8" GYPSUM SHEATHING
604	5/8" GYPSUM COVER BOARD
605	2X TREATED WOOD BLOCKING
606	PRESSURE TREATED 3/4" PLYWOOD
607	WOOD CASING AND TRIM
608	1X TREATED WOOD BLOCKING
612	PRESSURE TREATED 1/2" PLYWOOD
701	2" RIGID INSULATION
702	WEATHER BARRIER
703	6" RIGID INSULATION
706	WATERPROOFING BELOW GRADE
707	THRU-WALL FLASHING WITH WEEPS AT 32" O.C.
710	3 1/2" BATT INSULATION, R-13 MINIMUM
713	FLASHING WITH DRIP EDGE
716	AIR SPACE WALL CAVITY
717	22 GA METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
718	22 GA PRE-FINISHED METAL ROOF PANELS WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD TITE-LOG PLUS PANEL
719	ROOF UNDERLAYMENT WEATHER BARRIER - ICE AND WATER SHIELD
720	PRE-FINISHED 22 GA. BRAKE METAL TRIM
721	22 GA PRE-FINISHED METAL SOFFIT PANELS - BASIS OF DESIGN: PAC-CLAD FLUSH SOFFIT
722	FLEXIBLE FLASHING
725	PRE-FINISHED METAL 'J' TRIM
730	6" SOUND BATT INSULATION ABOVE CEILING TILE
731	SEALANT
732	METAL PANEL SILL FLASHING
735	SPRAY FOAM INSULATION - FILL CAVITIES
742	ROCK WOOL BETWEEN TOP OF CMU AND METAL DECK - WHERE CAVITIES ARE NOT EXPOSED, CAULK JOINT BETWEEN CMU AND METAL DECK
802	HOLLOW METAL FRAME
803	ALUMINUM STOREFRONT
901	5/8" GWB
902	BASE - SEE FINISH SCHEDULE
903	RAISED ACCESS FLOOR - SET HEIGHT SO THAT FINAL FINISHED SURFACES ARE FLUSH WITH ADJACENT SURFACES
904	2X2 ACOUSTIC CEILING TILE - SEE REFLECTED CEILING PLANS



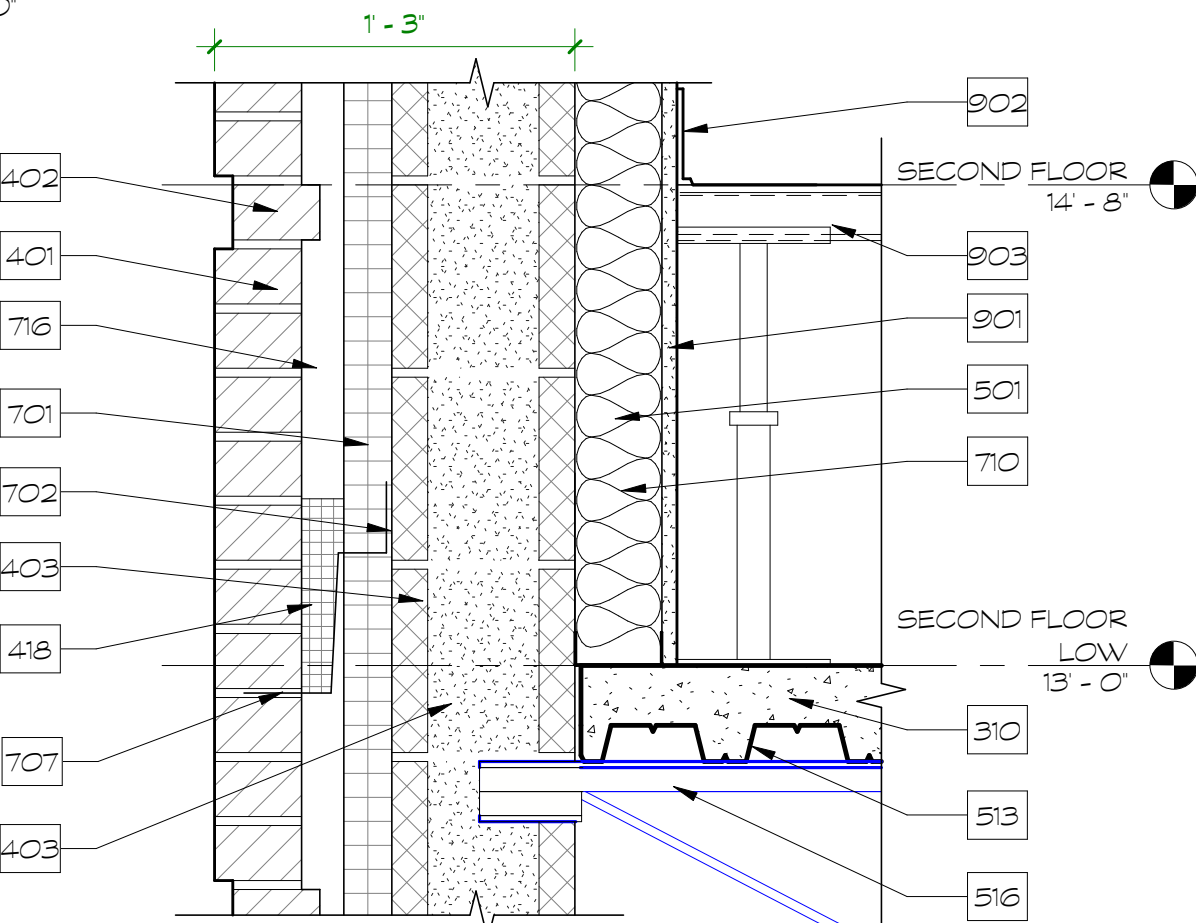
11 SECOND FLOOR AT SIDEWALK
1 1/2" = 1'-0"



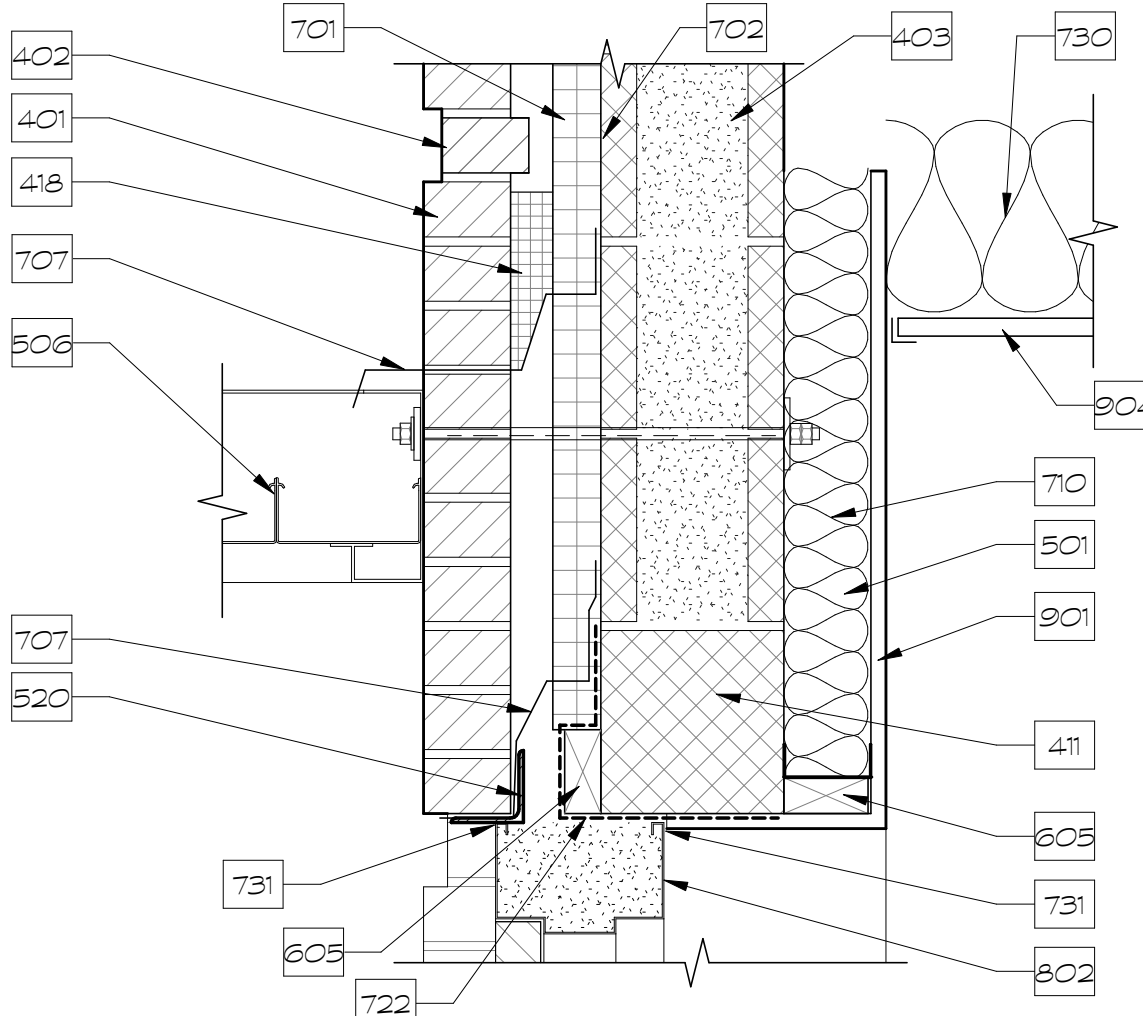
5 METAL ROOF SLOPING EAVE
1 1/2" = 1'-0"



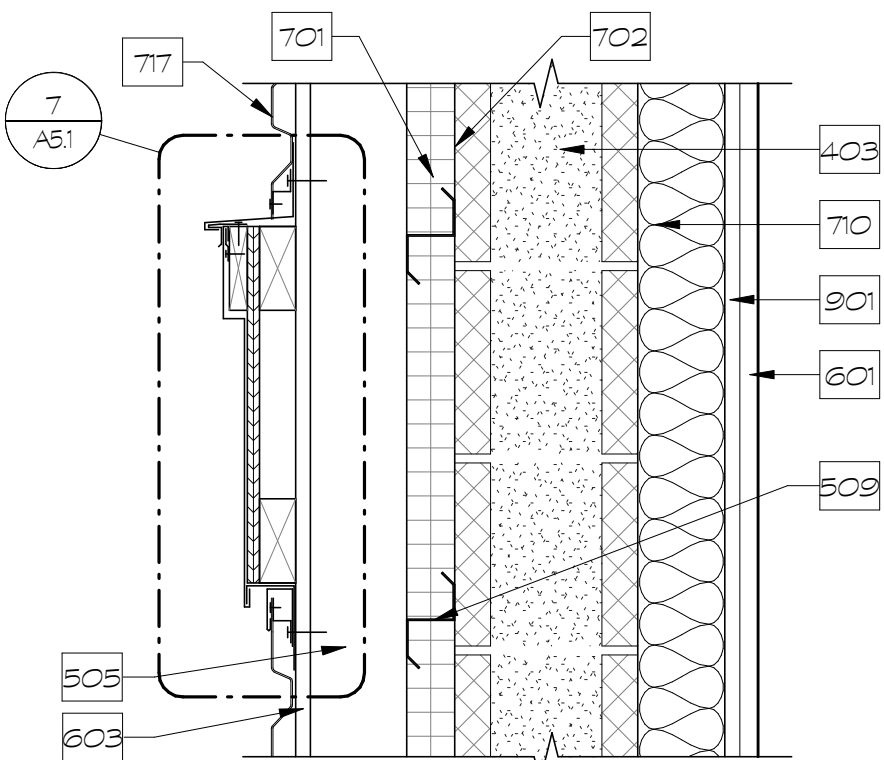
2 TYPICAL BRICK TO METAL PANEL TRANSITION
1 1/2" = 1'-0"



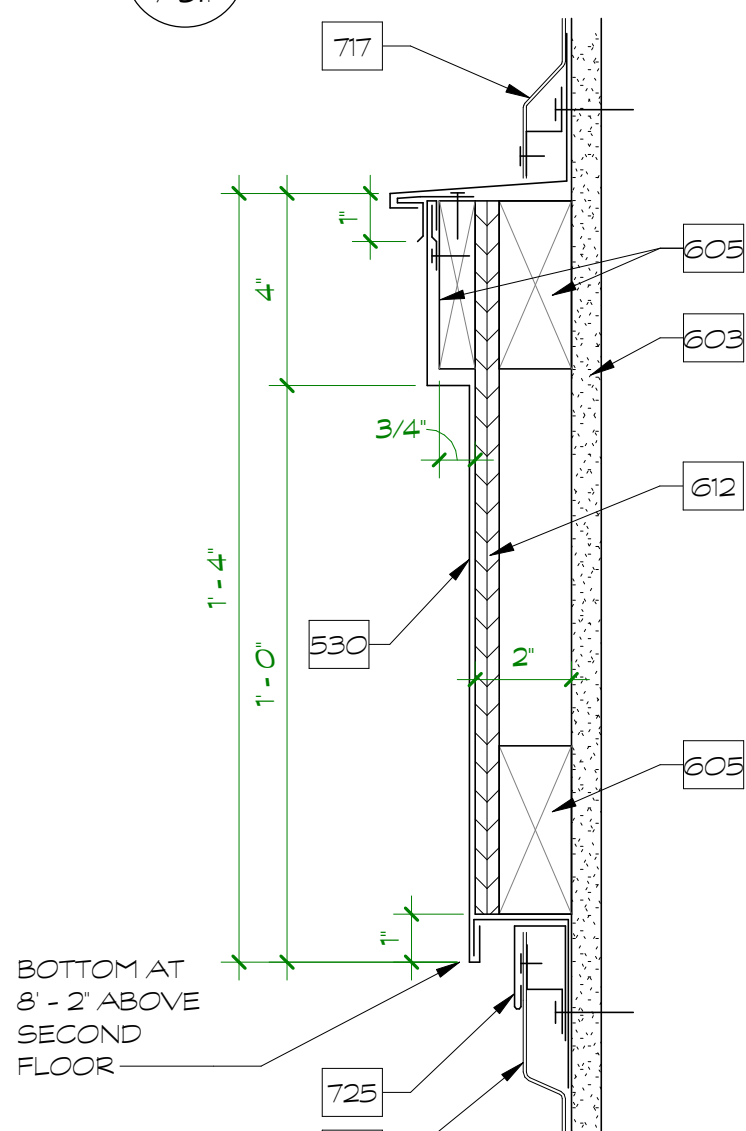
3 CMU-BRICK-2ND FL - RAF ON SLAB
1 1/2" = 1'-0"



4 DOOR HEAD UNDER CANOPY
1 1/2" = 1'-0"



6 METAL BAND
1 1/2" = 1'-0"



7 METAL BAND DETAIL
3' = 1'-0"



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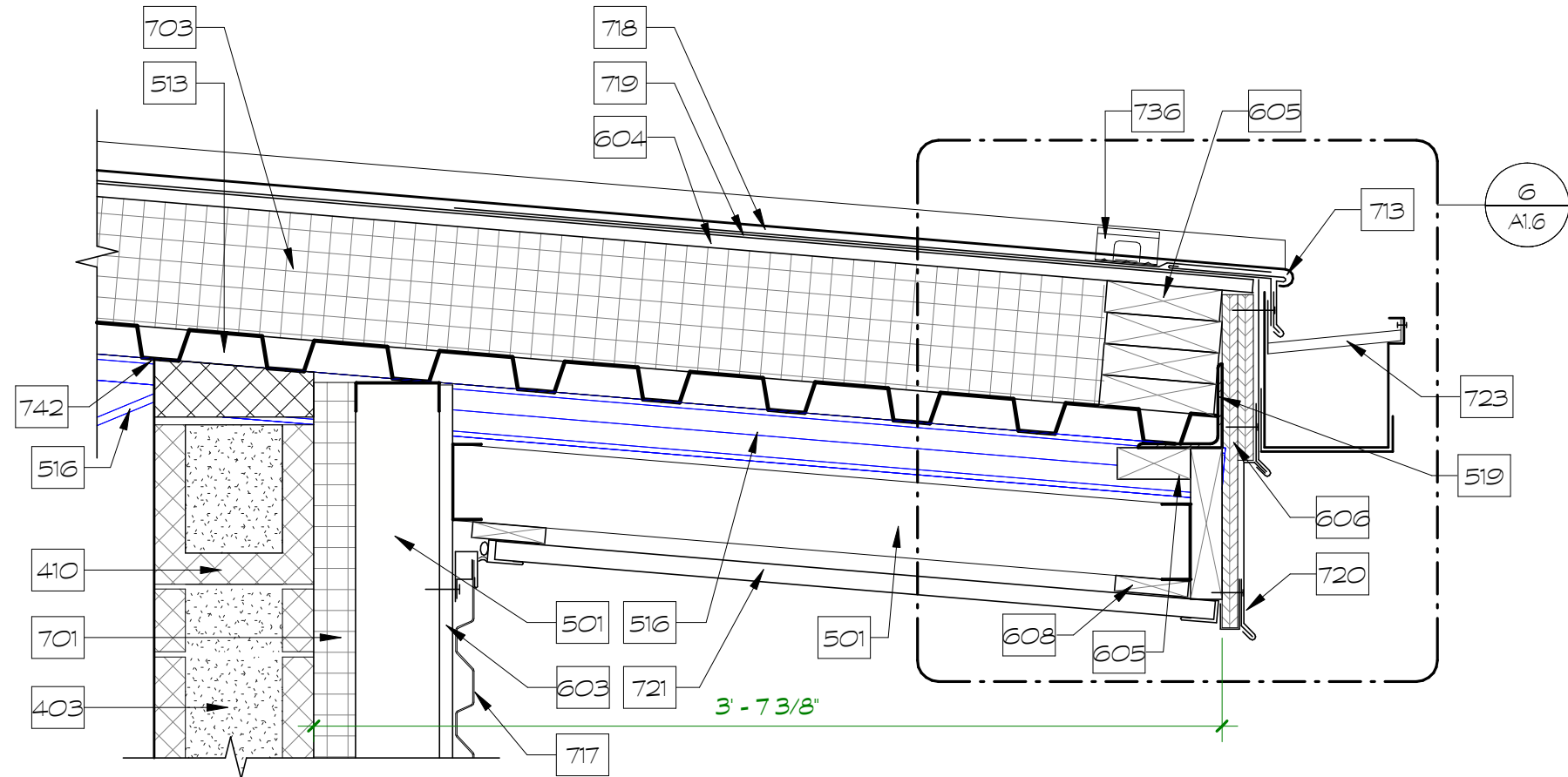
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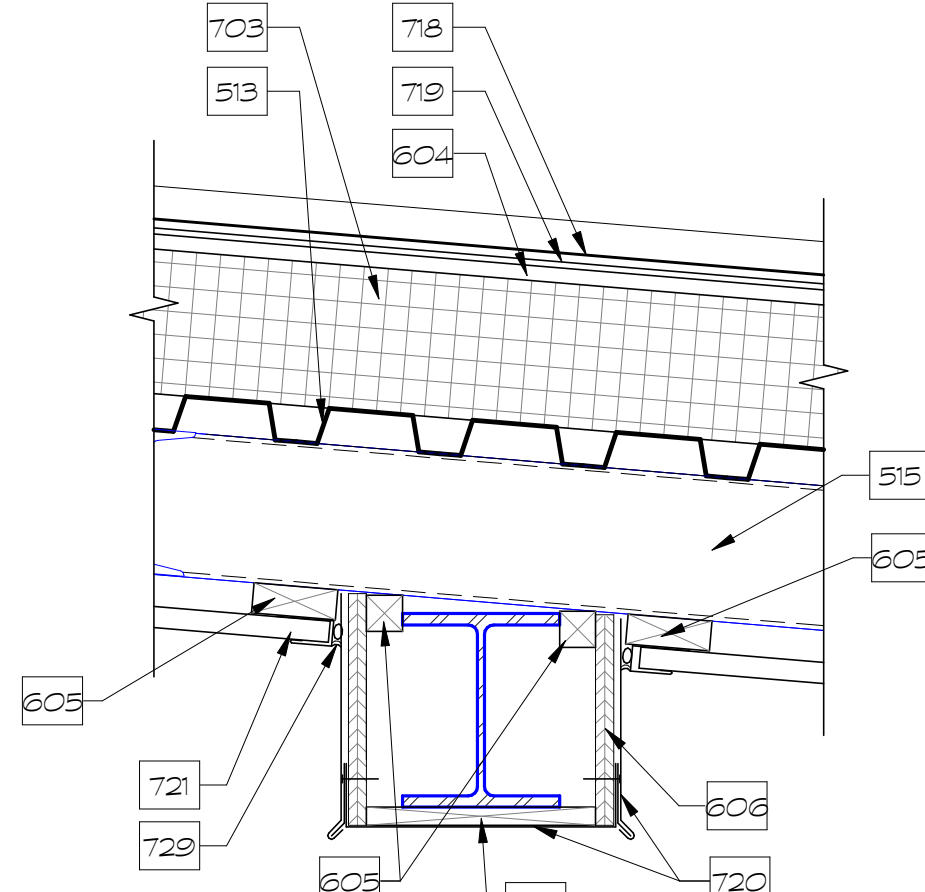
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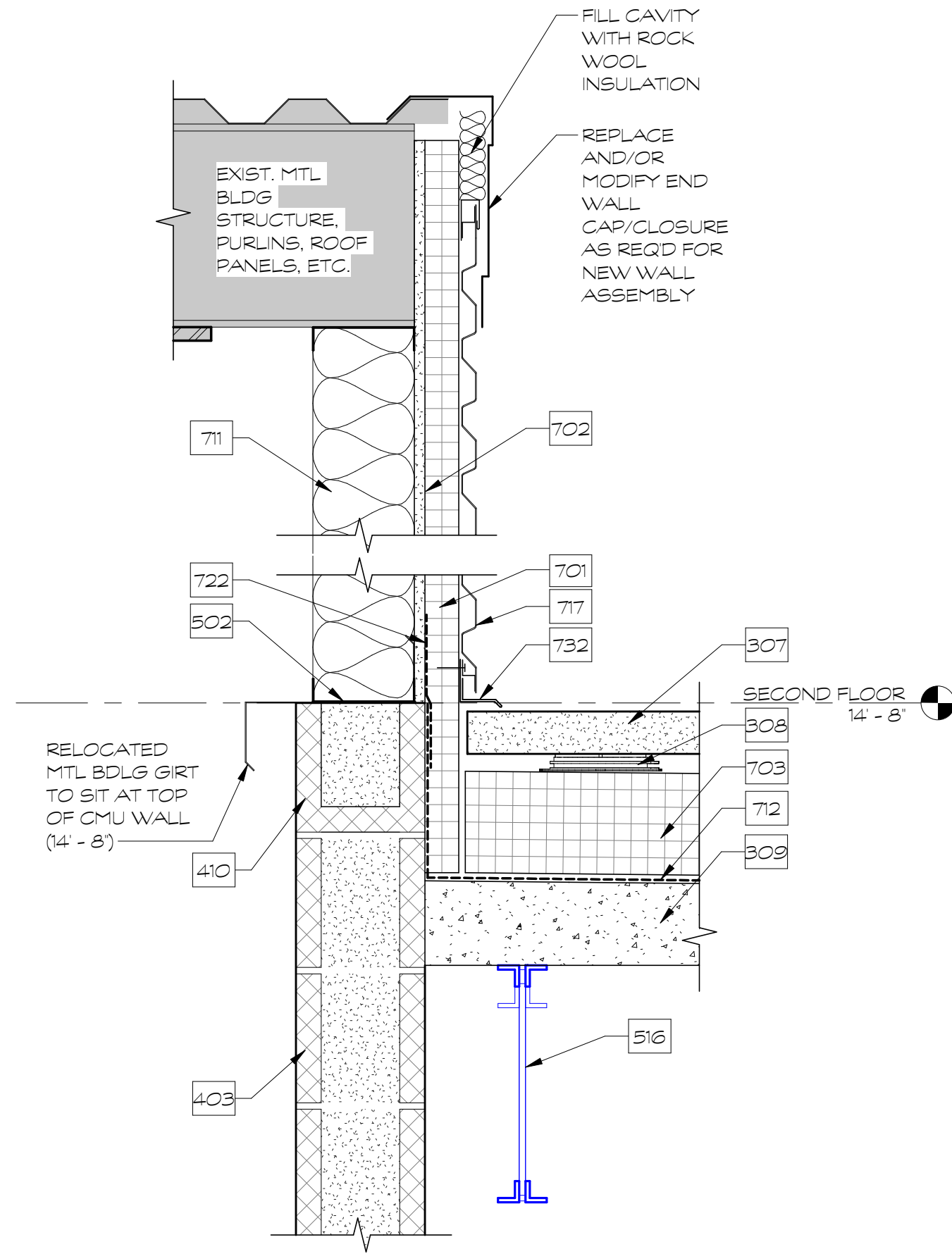
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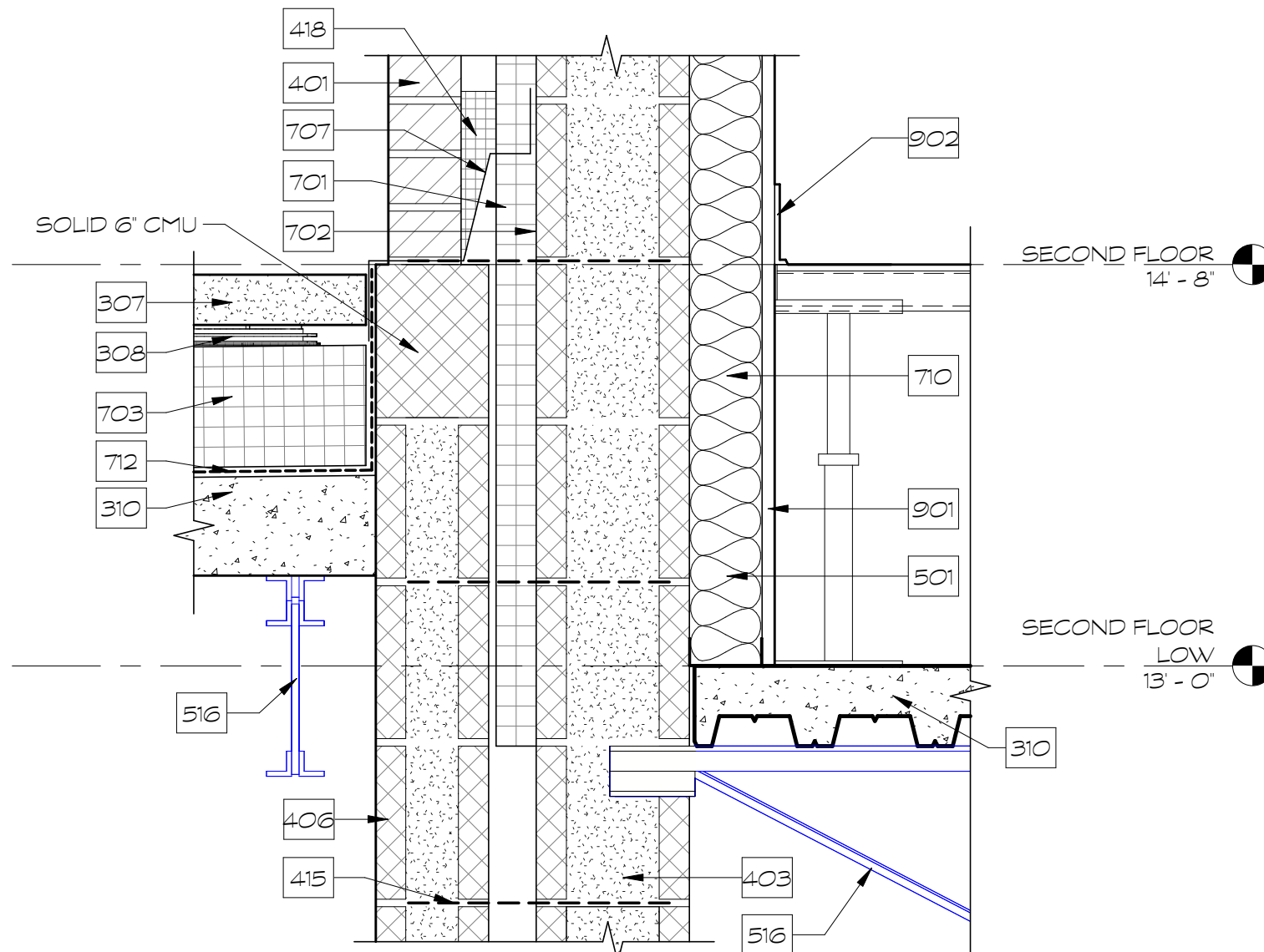
1
A5.2 METAL ROOF LOW EAVE AND SOFFIT
1 1/2" = 1'-0"



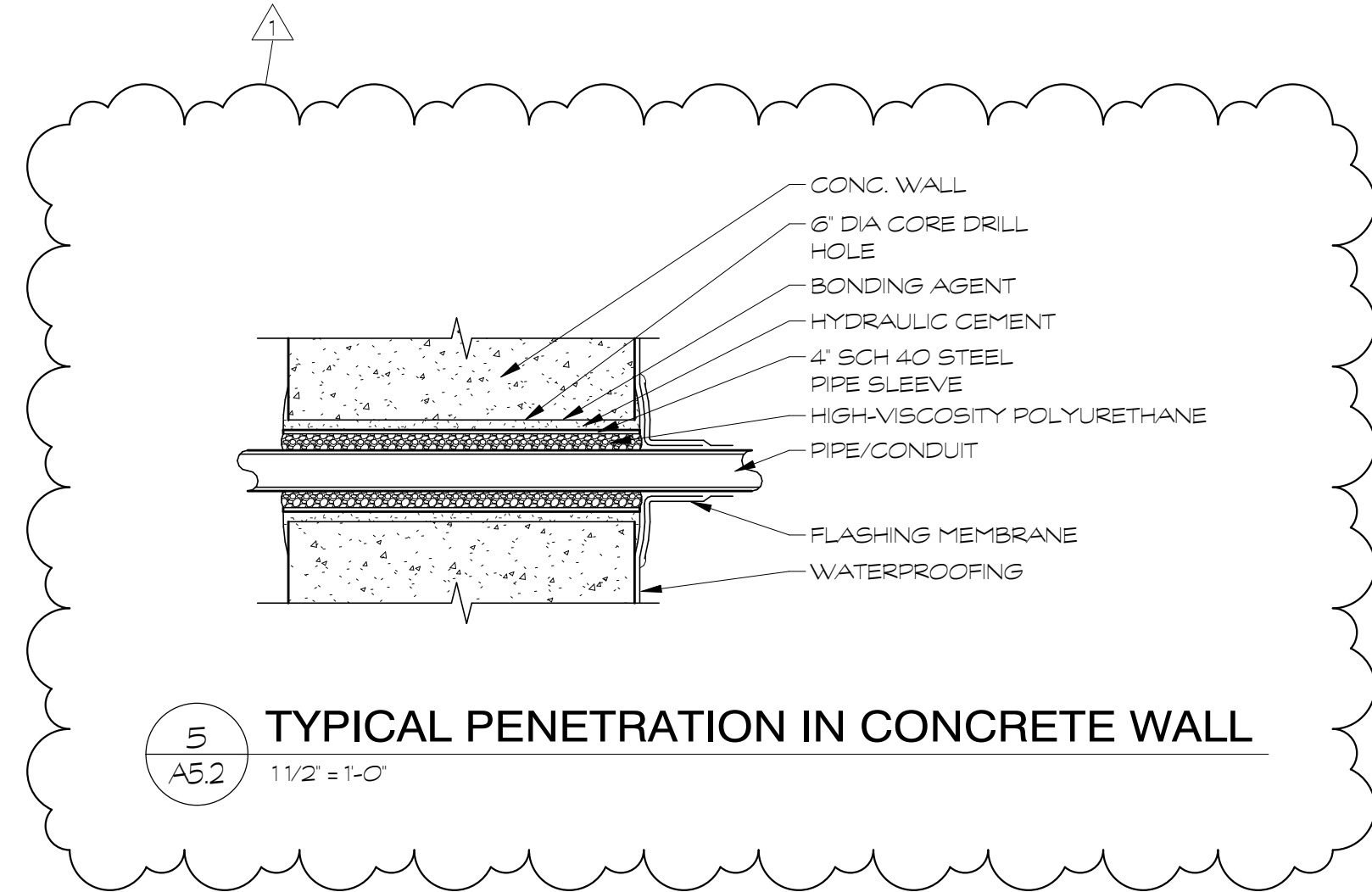
4
A5.2 BEAM AT ROOF SOFFIT
1 1/2" = 1'-0"



3
A5.2 ROOF PATIO TO EXISTING BUILDING CONNECTION
1 1/2" = 1'-0"



2
A5.2 SECOND FLOOR RAF TO ROOF PATIO
1 1/2" = 1'-0"



5
A5.2 TYPICAL PENETRATION IN CONCRETE WALL
1 1/2" = 1'-0"

A5.2 NOTES

No.	Note Text
307	PRECAST PAVERS
308	PRECAST PAVER PEDESTALS - BASIS OF DESIGN HANOVER ARCHITECTURAL PRODUCTS PEDESTAL SYSTEMS
309	TAPERED CONCRETE SLAB ON DECK - SEE STRUCTURAL DRAWINGS
310	CONCRETE SLAB ON DECK - SEE STRUCTURAL DRAWINGS
401	BRICK VENEER - FIELD BRICK COLOR 1
403	8" CMU - GROUT SOLID
406	8" CMU - GROUT SOLID
410	8" CMU BOND BEAM - SEE STRUCTURAL DRAWINGS
415	MASONRY TIES AT 16" VERTICALLY
418	MORTAR NET - MIN 8"
501	3 5/8" METAL STUDS AT 16" O.C.
502	6" METAL STUDS AT 16" O.C.
513	CORRUGATED METAL DECK - SEE STRUCTURAL DRAWINGS
515	COLD-FORMED FRAMING - SEE STRUCTURAL DRAWINGS
516	STRUCTURAL STEEL JOIST/BEAM - SEE STRUCTURAL DRAWINGS
519	3x3 ANGLE - SEE STRUCTURAL DRAWINGS
603	5/8" GYPSUM SHEATHING
604	5/8" GYPSUM COVER BOARD
605	2X TREATED WOOD BLOCKING
606	PRESSURE TREATED 3/4" PLYWOOD
608	1X TREATED WOOD BLOCKING
701	2" RIGID INSULATION
702	WEATHER BARRIER
703	6" RIGID INSULATION
707	THRU-WALL FLASHING WITH WEEPS AT 32" O.C.
710	3 1/2" BATT INSULATION, R-13 MINIMUM
711	6" BATT INSULATION, R-19 MINIMUM
712	WEATHERPROOF COATING WITH WEAR COAT - BASIS OF DESIGN HENRY PRODEQ
713	FLASHING WITH DRIP EDGE
717	22 GA. METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
718	22 GA. PREFINISHED METAL ROOF PANELS WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD TITE-LOC PLUS PANEL
719	ROOF UNDERLAYMENT WEATHER BARRIER - ICE AND WATER SHIELD
720	PREFINISHED 22 GA. BRAKE METAL TRIM
721	22 GA PREFINISHED METAL SOFFIT PANELS - BASIS OF DESIGN: PAC-CLAD FLUSH SOFFIT
722	FLEXIBLE FLASHING
723	PRE-FINISHED 5X5 METAL GUTTER
729	SEALANT WITH BACKER ROD
732	METAL PANEL SILL FLASHING
736	SNOW GUARD
742	ROCK WOOL BETWEEN TOP OF CMU AND METAL DECK - WHERE GAVITIES ARE NOT EXPOSED. CAULK JOINT BETWEEN CMU AND METAL DECK
901	5/8" GWB
902	BASE - SEE FINISH SCHEDULE



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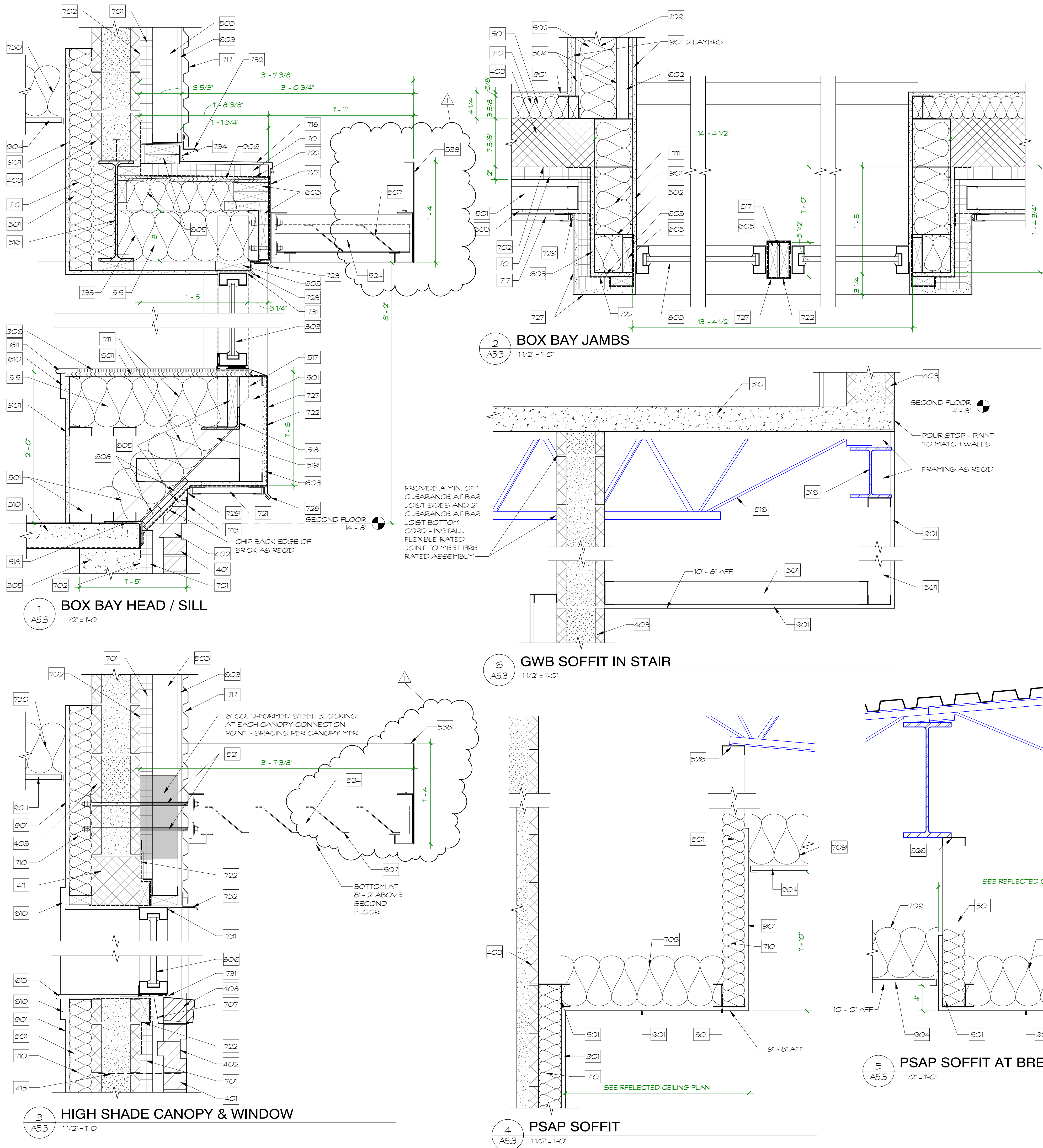
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WALL
DETAILS

A5.2



A5.3 NOTES	
No.	Note Text
305	CONCRETE WALL - SEE STRUCTURAL DRAWINGS
310	CONCRETE SLAB ON DECK - SEE STRUCTURAL DRAWINGS
401	BRICK VENEER - FIELD BRICK COLOR 1
402	BRICK RECESS - 3/4" - COLOR 2
403	8" CMU - GROUT SOLID
408	SLOPED BRICK SILL
411	CMU LINTEL - SEE STRUCTURAL DRAWINGS
415	MASONRY TIES AT 16" VERTICALLY
501	3 5/8" METAL STUDS AT 16" O.C.
502	6" METAL STUDS AT 16" O.C.
504	1/2" RESILIENT CHANNELS
505	4" Z GIRTS - VERTICAL - ATTACHED TO HORIZONTAL Z GIRTS
507	PRE-FINISHED METAL LOUVERED SHADE CANOPY
515	COLD-FORMED FRAMING - SEE STRUCTURAL DRAWINGS
516	STRUCTURAL STEEL JOIST/BEAM - SEE STRUCTURAL DRAWINGS
517	FITCH PLATE - SEE STRUCTURAL DRAWINGS
518	3X6 ANGLE - SEE STRUCTURAL DRAWINGS
519	3X3 ANGLE - SEE STRUCTURAL DRAWINGS
521	CANOPY ANCHOR SLEEVE
524	3.31" X 3.31" X .25X EXTR. ALUM. CANOPY SUPPORT T BEAM
526	SECURE HEAD TRACK TO STRUCTURAL STEEL FRAMING ABOVE, WHERE CONNECTION TO STRUCTURAL FRAMING IS NOT FEASIBLE SECURE HEAD TRACK TO STRUCTURAL DECKING.
538	CUSTOM SIZE FASCIA EXTENSION FOR METAL CANOPY - SIZE AS DIMENSIONED - TO BE PRE-FABRICATED BY CANOPY MANUFACTURER
601	3/4" FIRE RATED PLYWOOD
602	BULLET RESISTANT PANEL
603	5/8" GYPSUM SHEATHING
605	2X TREATED WOOD BLOCKING
608	1X TREATED WOOD BLOCKING
610	PAINTED WOOD 1x4 - EASE EXPOSED EDGES WITH A 3/8" ROUNDOVER
611	PAINTED WOOD NOSING
613	PAINTED WOOD 1x SILL - EASE EXPOSED EDGES WITH A 3/8" ROUNDOVER
701	2" RIGID INSULATION
702	WEATHER BARRIER
707	THRU-WALL FLASHING WITH WEEPS AT 32" O.C.
709	5 1/2" SOUND BATT INSULATION
710	3 1/2" BATT INSULATION, R-13 MINIMUM
711	6" BATT INSULATION, R-19 MINIMUM
713	FLASHING WITH DRIP EDGE
717	22 GA. METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
718	22 GA. PREFINISHED METAL ROOF PANELS WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD TITE-LOC PLUS PANEL
721	22 GA. PREFINISHED METAL SOFFIT PANELS - BASIS OF DESIGN: PAC-CLAD FLUSH SOFFIT
722	FLEXIBLE FLASHING
727	BENT METAL PANELS TO MATCH STOREFRONT FINISH
728	DRIP EDGE
729	SEALANT WITH BACKER ROD
730	6" SOUND BATT INSULATION ABOVE CEILING TILE
731	SEALANT
732	METAL PANEL SILL FLASHING
733	8" BATT INSULATION, R-30 MINIMUM
734	COUNTER FLASHING
803	ALUMINUM STOREFRONT
806	ALUMINUM STOREFRONT - BULLET RESISTANT, LEVEL 4
901	5/8" GWB
904	2X2 ACOUSTIC CEILING TILE - SEE REFLECTED CEILING PLANS
906	CARPET TILE



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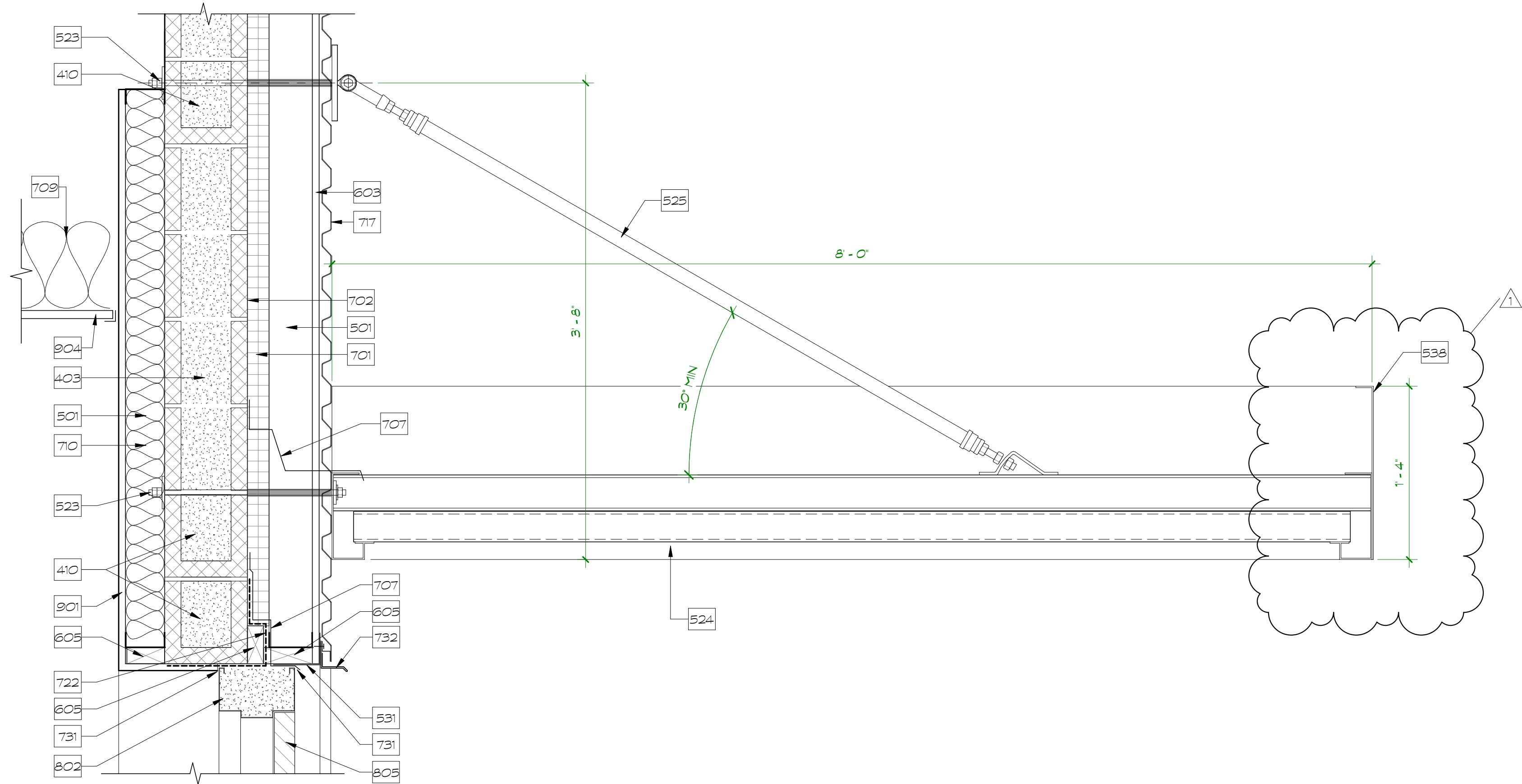
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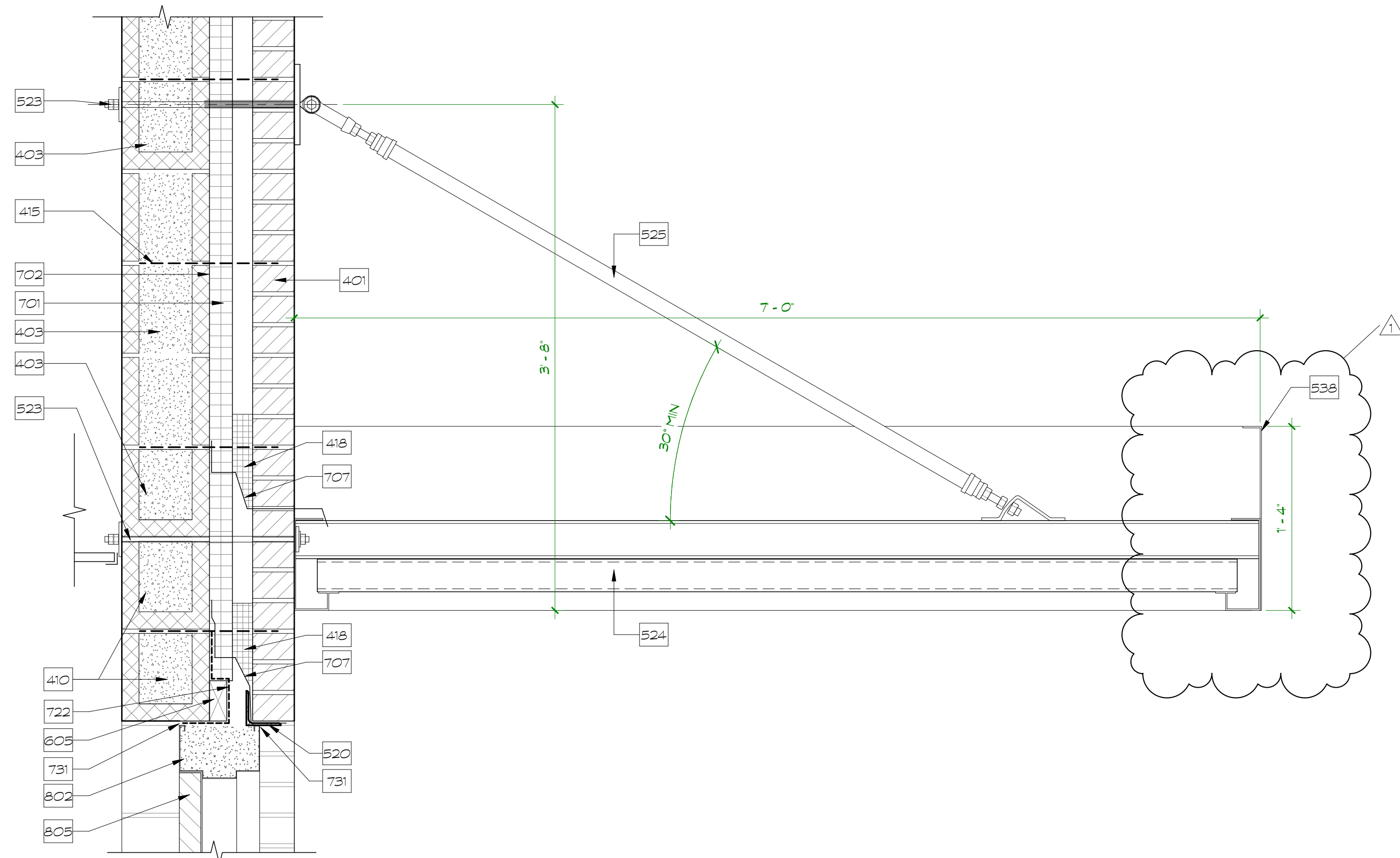
WALL DETAILS

A5.3

ES



1 NORTH CANOPY
1 1/2" = 1'-0"



2 SOUTH CANOPY
1 1/2" = 1'-0"

A5.4 NOTES

No.	Note Text
401	BRICK VENEER - FIELD BRICK COLOR 1
403	8' CMU - GROUT SOLID
410	8' CMU BOND BEAM - SEE STRUCTURAL DRAWINGS
415	MASONRY TIES AT 16\"/>
418	MORTAR NET - MIN 8'
501	3 5/8\"/>
520	BRICK ANGLE - SEE STRUCTURAL DRAWINGS
523	CANOPY ANCHOR BOLT
524	3.31\"/>
525	CANOPY HANGER ROD
531	BREAK METAL CLOSURE - FINISH TO MATCH SIDING
538	CUSTOM SIZE FASCIA EXTENSION FOR METAL CANOPY - SIZE AS DIMENSIONED - TO BE PRE-FABRICATED BY CANOPY MANUFACTURER
603	5/8\"/>
605	2\"/>
701	2\"/>
702	WEATHER BARRIER
707	THRU-WALL FLASHING WITH WEEPS AT 32\"/>
709	5 1/2\"/>
710	3 1/2\"/>
717	22 GA. METAL WALL PANELS (HORIZONTAL) WITH CONCEALED CLIP FASTENERS - BASIS OF DESIGN: PAC-CLAD HWP
722	FLEXIBLE FLASHING
731	SEALANT
732	METAL PANEL SILL FLASHING
802	HOLLOW METAL FRAME
805	PAINTED STEEL DOOR
901	5/8\"/>
904	2x2 ACOUSTIC CEILING TILE - SEE REFLECTED CEILING PLANS



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BOTETOURT COUNTY
RMFDE - 911 COMPLEX

43 EASTPARK DRIVE, ROANOKE, VA 24019 PROJECT NO.: 24100

BID SET



WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

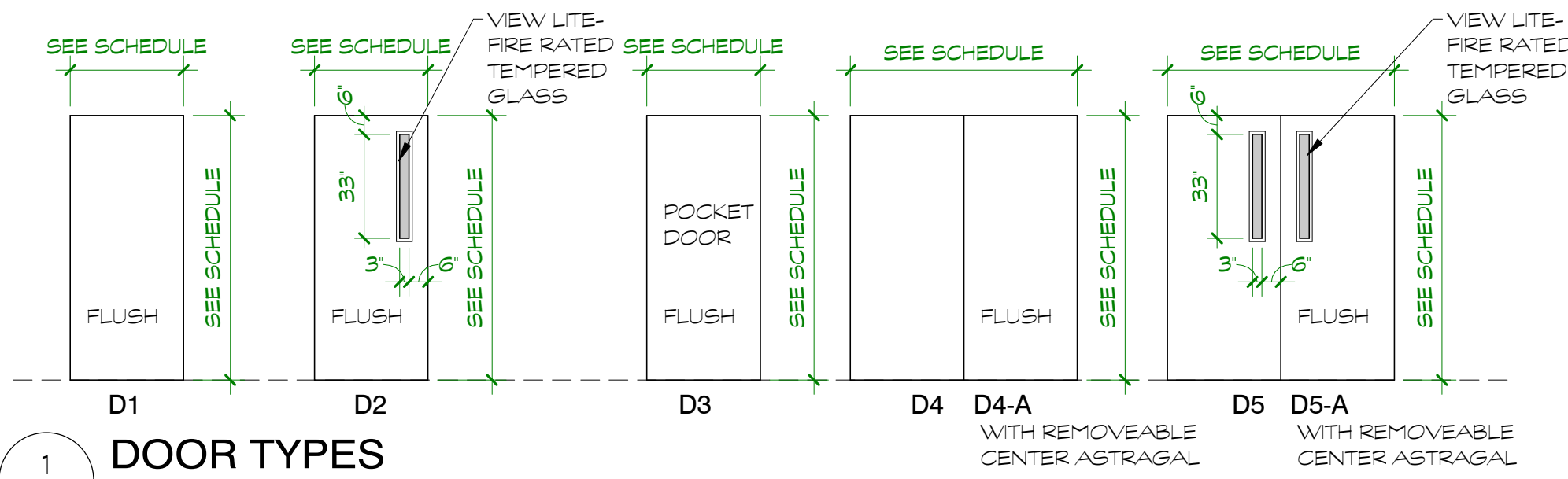
DATE: 2025-06-06
DESIGNED: GEH
DRAWN: TMT, JMT
CHECKED: GEH
REVISIONS:

No.	Date
1	2025/06/13

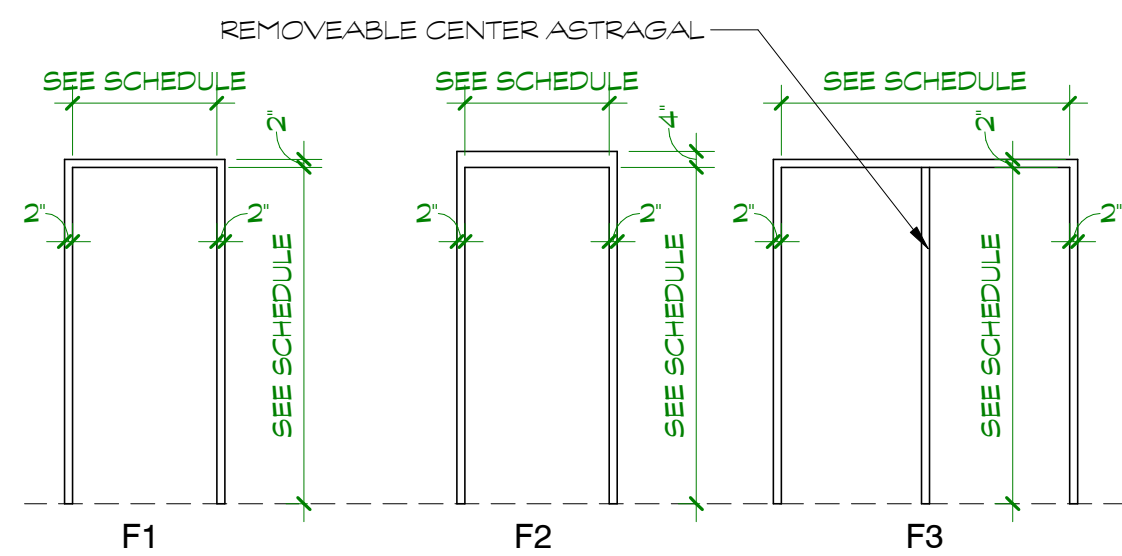
WALL
DETAILS

A5.4

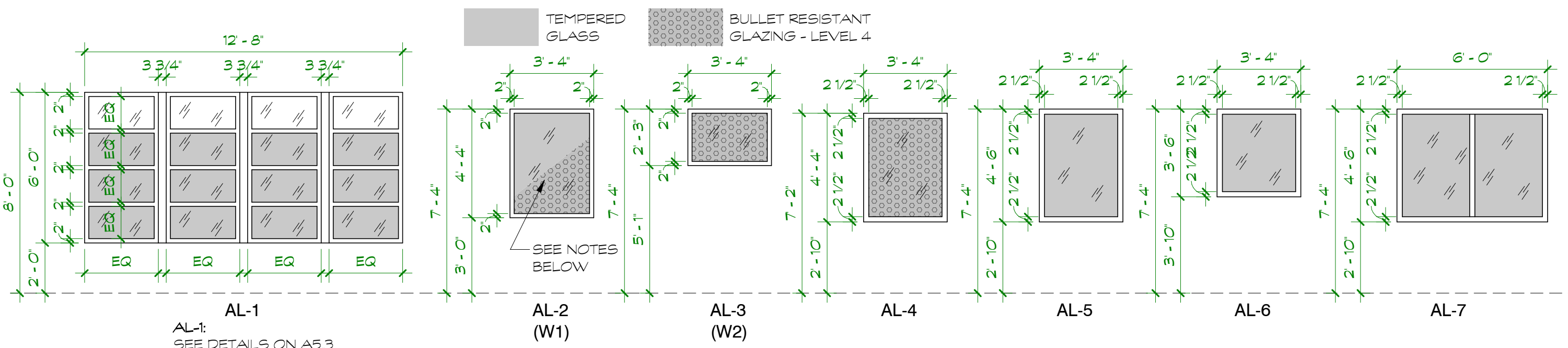
DOOR SCHEDULE																		
No.		Door					Frame		Closer	Egress Hardware	Fire Rating	Glazing	Hardware Set	Details			Remarks	
		Pair	Width	Height	Thickness	Material	Type	Material						Type	Head	Jamb		Sill
FIRST FLOOR																		
101A		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	1	H2/A6.2	J2/A6.2	S10/A6.2		
101B		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	10	H4/A6.2	J4/A6.2	3/A6.3	ENTRY	
101C		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	7	H5/A6.2	J5/A6.2	S10/A6.2	PASSAGE W/ PANIC BAR	
102A		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	2	H2/A6.2	J2/A6.2	S10/A6.2		
102B		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	11	H2/A6.2	J2/A6.2	S11/A6.2	PASSAGE	
103		3'-0"	7'-0"	1 3/4"	PNTD STL	D1	HMTL	F2					6	H2/A6.2	J2/A6.2	S11/A6.2	PRIVACY	
104		3'-0"	7'-0"	1 3/4"	PNTD STL	D1	HMTL	F2					6	H2/A6.2	J2/A6.2	S11/A6.2	PRIVACY	
105	PR	3'-0"	7'-0"	1 3/4"	PNTD STL	D5	HMTL	F2				SEE ELEV	3	H2/A6.2	J2/A6.2	S10/A6.2	STOREROOM	
106A		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	10	H4/A6.2	J4/A6.2	3/A6.3	STOREROOM	
106B		3'-0"	7'-0"	1 3/4"	PNTD STL	D1	HMTL	F2					5	H2/A6.2	J2/A6.2	S11/A6.2	STOREROOM	
107		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	8	H5/A6.2	J5/A6.2	S10/A6.2	PASSAGE W/ PANIC BAR	
108		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
109		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
110		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
111		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
112		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
113		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
114		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
115		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
116		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
117		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
118		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
119A		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	17	H4/A6.2	J4/A6.2	3/A6.3 SIM	ENTRY	
119B		3'-0"	7'-0"	1 3/4"	STND WD	D2	HMTL	F				SEE ELEV	14	H1/A6.2	J1/A6.2	S4/A6.2	PASSAGE W/ PANIC BAR	
119C		3'-0"	7'-0"	1 3/4"	STND WD	D2	HMTL	F				SEE ELEV	14	H1/A6.2	J1/A6.2	S4/A6.2	PASSAGE W/ PANIC BAR	
120		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY W/ OCCUPANCY DIAL	
121		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY W/ OCCUPANCY DIAL	
122		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY W/ OCCUPANCY DIAL	
124		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY W/ OCCUPANCY DIAL	
125		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY W/ OCCUPANCY DIAL	
126		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					15	H1/A6.2	J1/A6.2	S9/A6.2	PASSAGE	
128A	PR	2'-0"	7'-0"	1 3/4"	STND WD	D4	HMTL	F					13	H1/A6.2	J1/A6.2	S4/A6.2	PASSAGE	
128B	PR	2'-0"	7'-0"	1 3/4"	STND WD	D4	HMTL	F					13	H1/A6.2	J1/A6.2	S4/A6.2	PASSAGE	
129		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PASSAGE	
129A		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					---	13/A6.3	14/A6.3	S5/A6.2		
129B		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					---	13/A6.3	14/A6.3	S5/A6.2		
129C	PR	2'-0"	7'-0"	1 3/4"	STND WD	D4	HMTL	F					13	H1/A6.2	J1/A6.2	S5/A6.2	PASSAGE	
130		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					9	H1/A6.2	J1/A6.2	S7/A6.2	PRIVACY W/ OCCUPANCY DIAL	
131A		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F2					16	H6/A6.2	J6/A6.2	S12/A6.2	STOREROOM	
131B		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F2					16	H2/A6.2	J2/A6.2	S4/A6.2	STOREROOM	
S1-1		3'-0"	7'-0"	1 3/4"	STND WD	D2	HMTL	F2			60 MIN.	SEE ELEV	12	H6/A6.2	J6/A6.2	S4/A6.2	ENTRY	
41																		
FIRST FLOOR WEST																		
O07		3'-0"	6'-8"	1 3/4"	STND WD	D1	HMTL	F					5	H1/A6.2	J1/A6.2	S1/A6.2	STOREROOM	
O08		3'-0"	6'-8"	1 3/4"	STND WD	D1	HMTL	F					6	H1/A6.2	J1/A6.2	S2/A6.2	PRIVACY W/ OCCUPANCY DIAL	
O14A		3'-0"	6'-8"	1 3/4"	STND WD	D1	HMTL	F					11	H1/A6.2	J1/A6.2	S6/A6.2	PASSAGE	
O14B		3'-0"	6'-8"	1 3/4"	STND WD	D1	HMTL	F					11	H1/A6.2	J1/A6.2	S5/A6.2	PASSAGE	
4																		
SECOND FLOOR																		
201	PR	3'-0"	7'-0"	1 3/4"	PNTD STL	D5	HMTL	F2					30	H3EH4/A6.2	J3EH4/A6.2	2/A6.3		
201B	PR	3'-0"	7'-0"	1 3/4"	STND WD	D4	HMTL	F					23	H1/A6.2	J1/A6.2	S4/A6.2	STOREROOM	
202A		3'-0"	7'-0"	1 3/4"	STND WD	D2	HMTL	F				SEE ELEV	21	H7/A6.2	J7/A6.2	S7/A6.2	CLASSROOM	
202B	PR	3'-0"	7'-0"	1 3/4"	STND WD	D4	HMTL	F					23	H1/A6.2	J1/A6.2	S5/A6.2	PASSAGE	
203		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					19	H1/A6.2	J1/A6.2	S9/A6.2	PRIVACY	
204	PR	3'-0"	7'-0"	1 3/4"	STND WD	D5-A	HMTL	F3				SEE ELEV	29	H7/A6.2 SIM	J7/A6.2 SIM	S4/A6.2	ENTRY - REMOVEABLE CENTER ASTRAGAL	
205A	PR	3'-0"	7'-0"	1 3/4"	STND WD	D5	HMTL	F				SEE ELEV	24	H1/A6.2	J1/A6.2	S4/A6.2	ENTRY	
205B		3'-0"	7'-0"	1 3/4"	PNTD STL	D5	HMTL	F2				SEE ELEV	25	H3EH4/A6.2	J3EH4/A6.2	2/A6.3	ENTRY	
206		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					20	H1/A6.2	J1/A6.2	S7/A6.2	ENTRY	
207		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					26	H1/A6.2	J1/A6.2	S3/A6.2	STOREROOM	
208		4'-0"	7'-0"	1 3/4"	STND WD	D3	HMTL	F3					31	H1/A6.2	J1/A6.2	S15/A6.2	STOREROOM	
209	PR	2'-0"	7'-0"	1 3/4"	STND WD	D3	HMTL	F3			90 MIN.		34	H1/A6.2	J1/A6.2	S13/A6.2	STOREROOM	
210		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					19	H1/A6.2	J1/A6.2	S8/A6.2	PRIVACY	
211		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					19	H1/A6.2	J1/A6.2	S8/A6.2	PRIVACY	
212		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					19	H1/A6.2	J1/A6.2	S5/A6.2	PRIVACY	
213A	PR	3'-0"	7'-0"	1 3/4"	STND WD	D5	HMTL	F				SEE ELEV	18	H1/A6.2	J1/A6.2	S7/A6.2	ENTRY	
213B		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2				SEE ELEV	28	H3EH4/A6.2	J3EH4/A6.2	1/A6.3	ENTRY	
214		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					20	H1/A6.2	J1/A6.2	S5/A6.2	ENTRY	
215		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					22	H7/A6.2 SIM	J7/A6.2 SIM	S6/A6.2	CLASSROOM	
216		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					20	H1/A6.2	J1/A6.2	S5/A6.2	ENTRY	
217		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					20	H1/A6.2	J1/A6.2	S5/A6.2	ENTRY	
218		3'-0"	7'-0"	1 3/4"	STND WD	D1	HMTL	F					20	H1/A6.2	J1/A6.2	S5/A6.2	ENTRY	
S1-2A		3'-0"	7'-0"	1 3/4"	PNTD STL	D2	HMTL	F2			60 MIN.	SEE ELEV	27	H3EH4/A6.2	J3EH4/A6.2	2/A6.3	ENTRY	
S1-2B		3'-0"	7'-0"	1 3/4"	STND WD	D2	HMTL	F2			60 MIN.		33	H6/A6.2	J6/A6.2	S12/A6.2	PASSAGE	
24																		
TOTAL DOORS: 69																		



1 DOOR TYPES
1/4" = 1'-0"



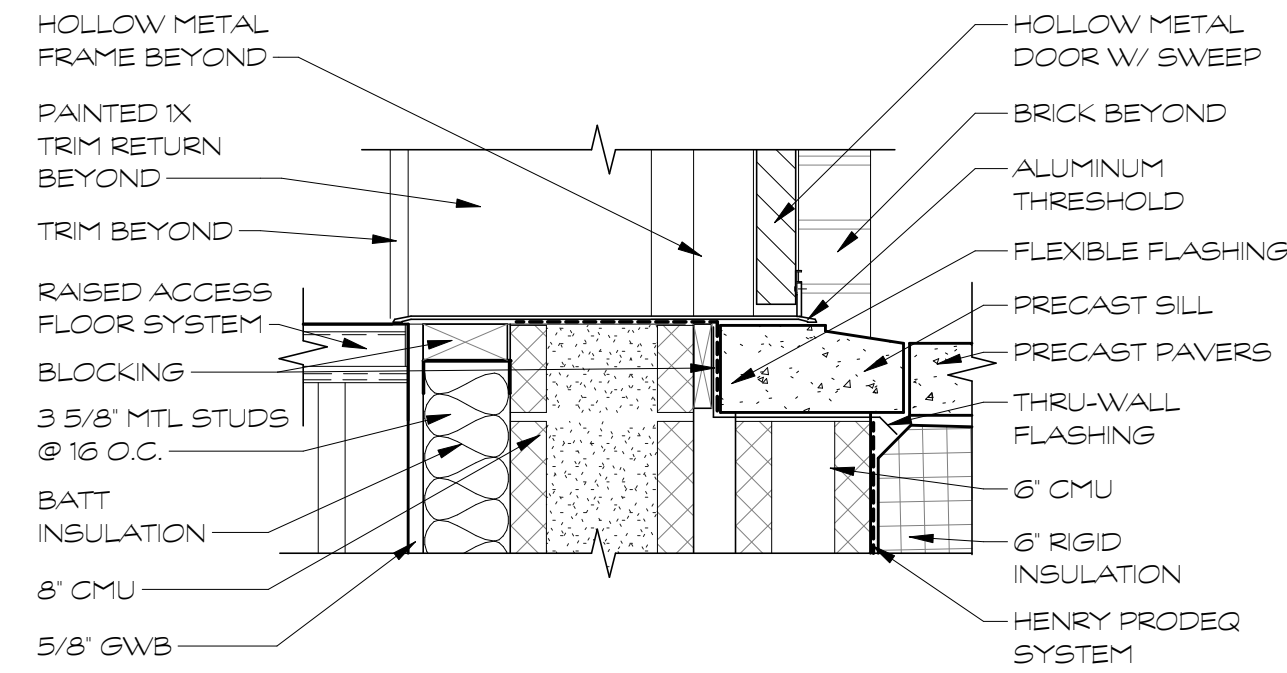
2 FRAME TYPES
1/4" = 1'-0"



3 ALUM STOREFRONT TYPES
1/4" = 1'-0"

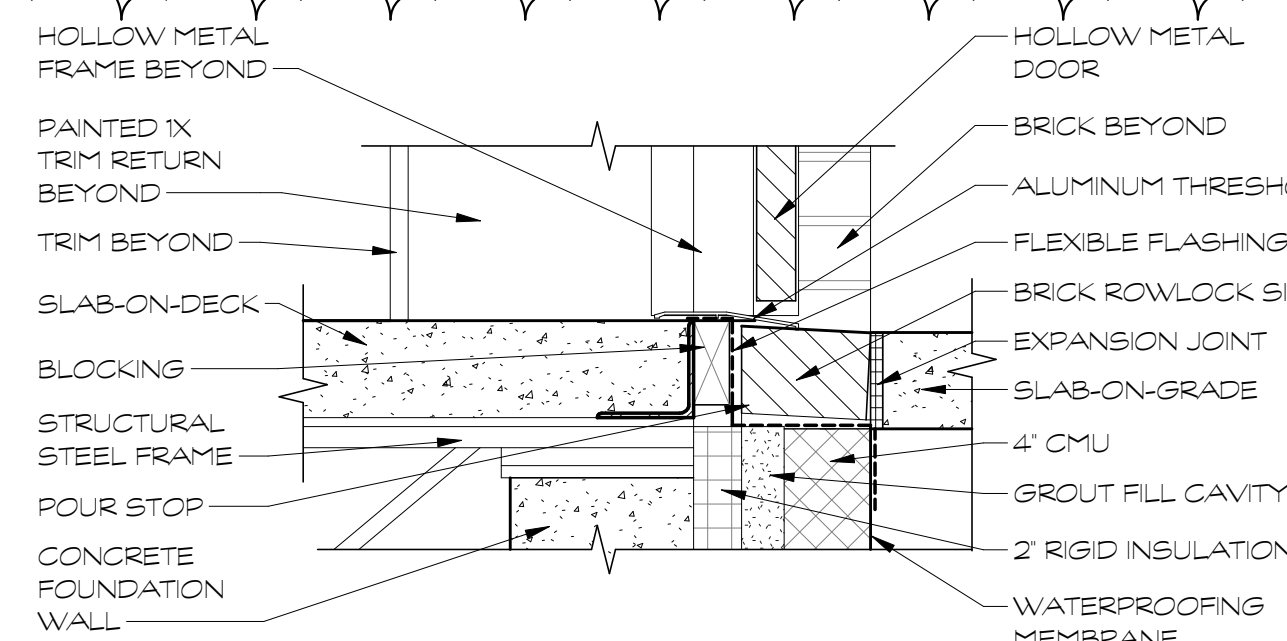
BULLET RESISTANT APPLICATIONS: SEE A2.1 FOR LOCATIONS OF BULLET RESISTANT GLAZING/FRAMES AT EXTERIOR WINDOWS. BULLET RESISTANT GLAZING TO BE ~2" THICK. BULLET RESISTANT FRAMES TO BE 6" x 2.5" - SEE SPECIFICATIONS. BULLET RESISTANT AND STANDARD FRAMES WILL HOLD THE SAME EXTERIOR LINE (3" FROM FACE OF BRICK)

AL-2, AL-3:
SEE HEAD, JAMB, SILL DETAILS:
FIRST FLOOR (BRICK VENEER) -
4/A6.3, 5/A6.3, 6/A6.3
SECOND FLOOR (METAL



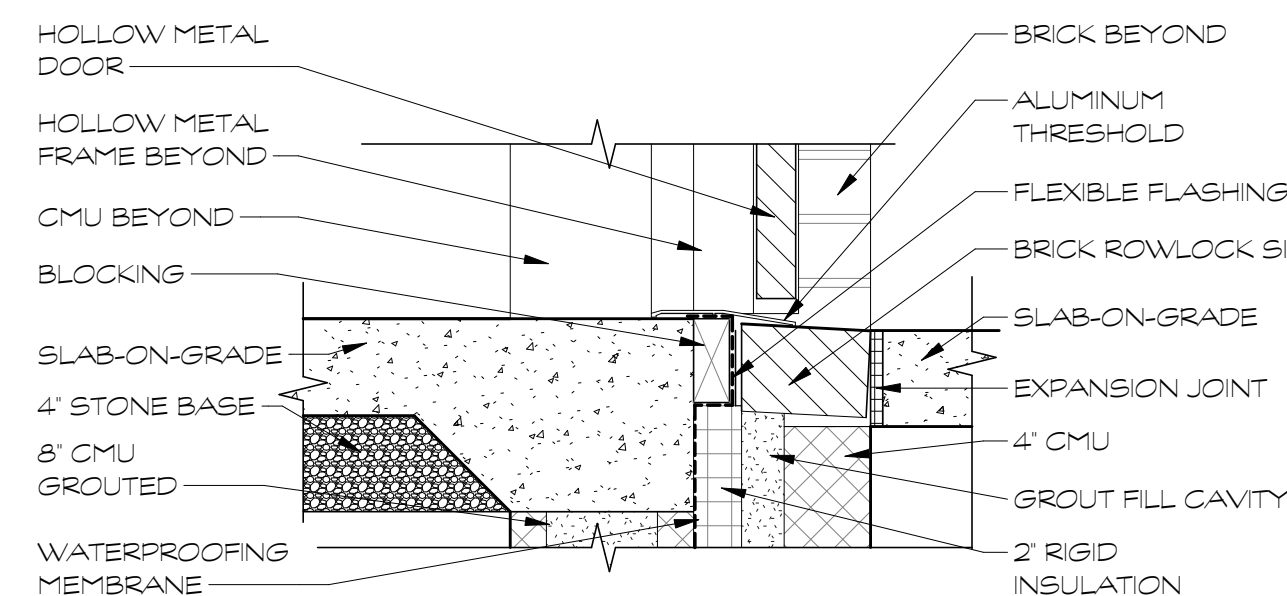
1
A6.3 1 1/2" = 1'-0"

DOOR SILL AT ROOFTOP PATIO



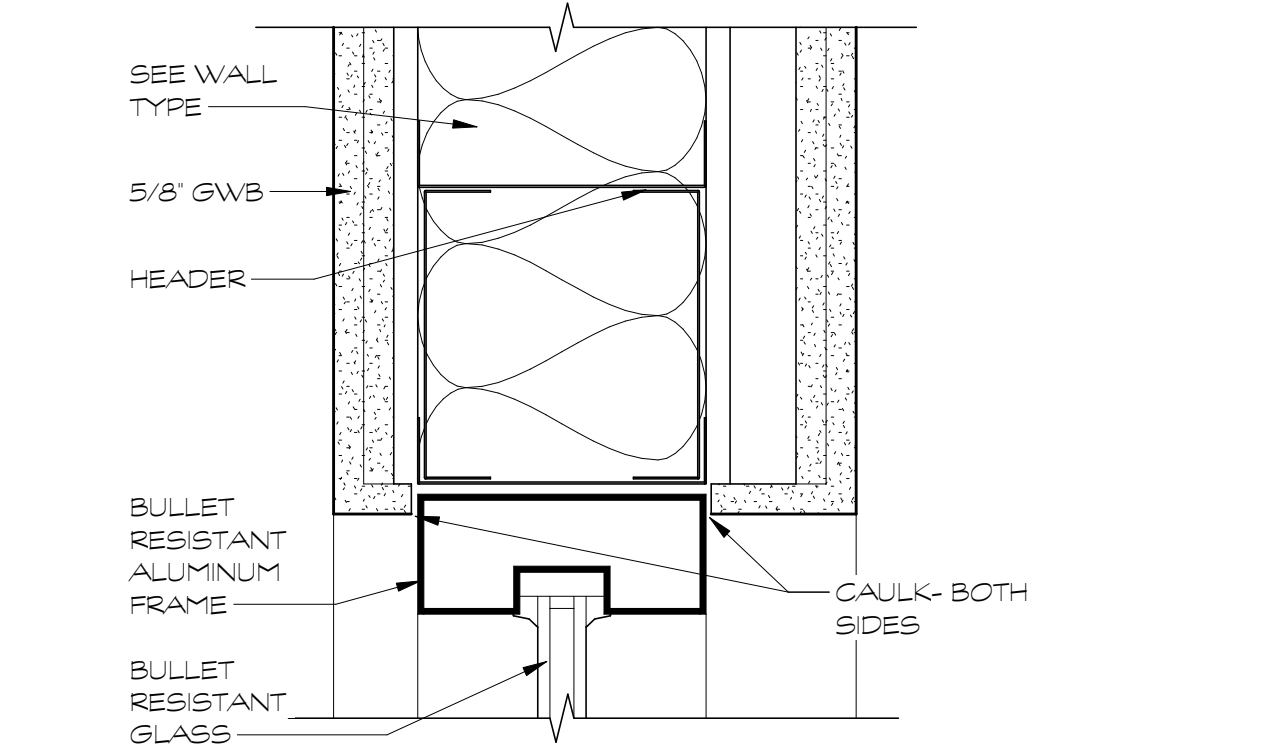
2
A6.3 1 1/2" = 1'-0"

EXTERIOR DOOR SILL S.O.D. TYPICAL



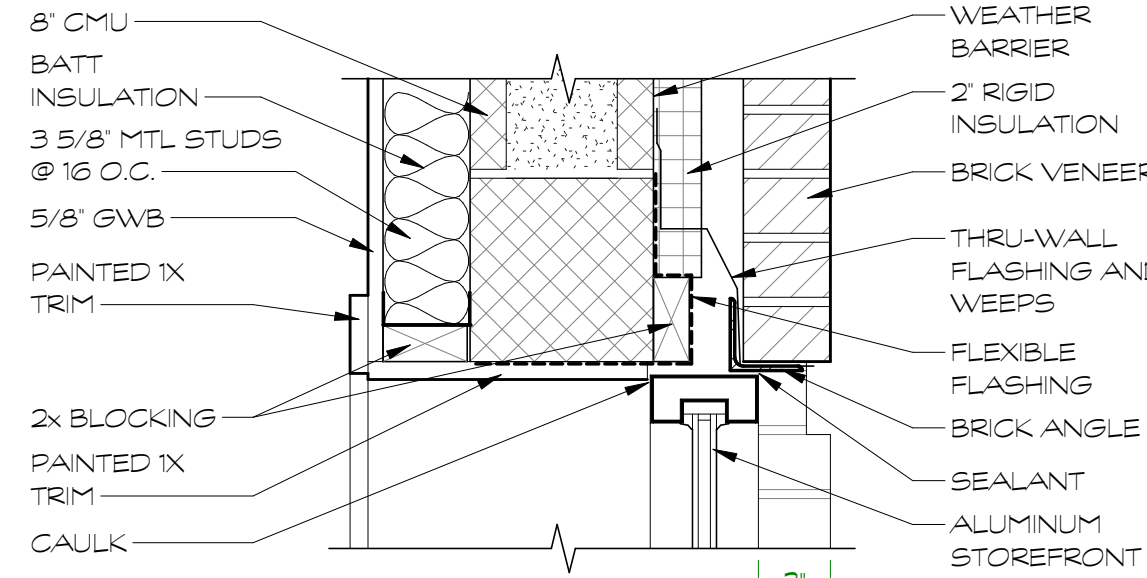
3
A6.3 1 1/2" = 1'-0"

EXTERIOR DOOR SILL S.O.G. TYPICAL



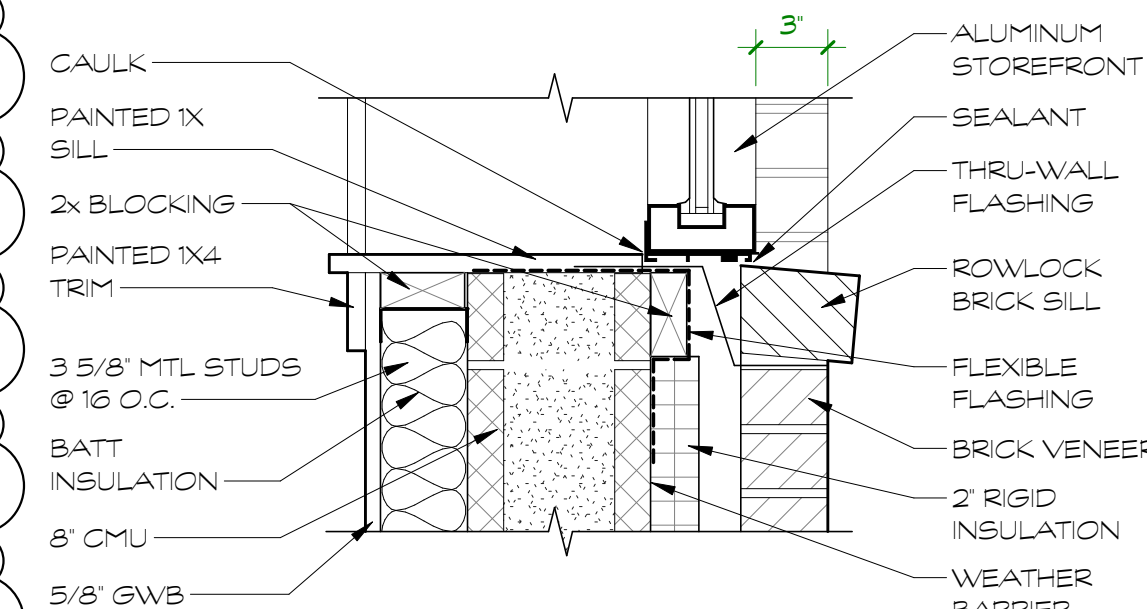
10
A6.3 3" = 1'-0"

ALUM. WINDOW HEAD AT MSTUD



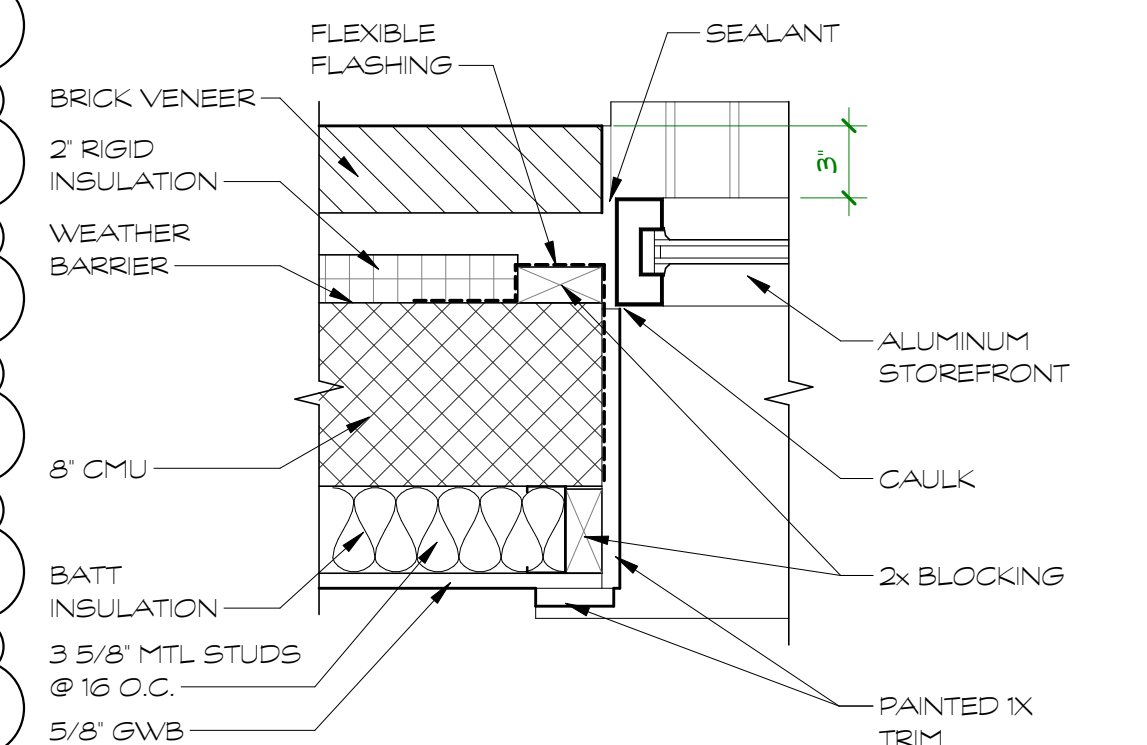
4
A6.3 1 1/2" = 1'-0"

WINDOW HEAD AT BRICK



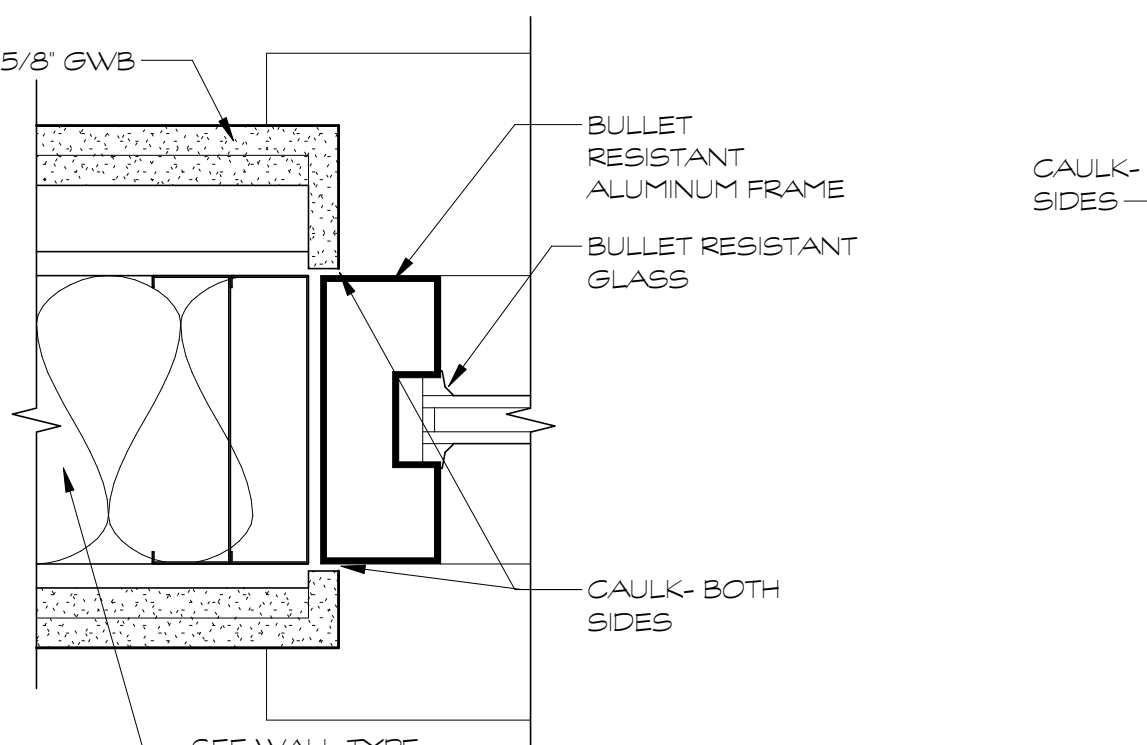
5
A6.3 1 1/2" = 1'-0"

WINDOW SILL AT BRICK



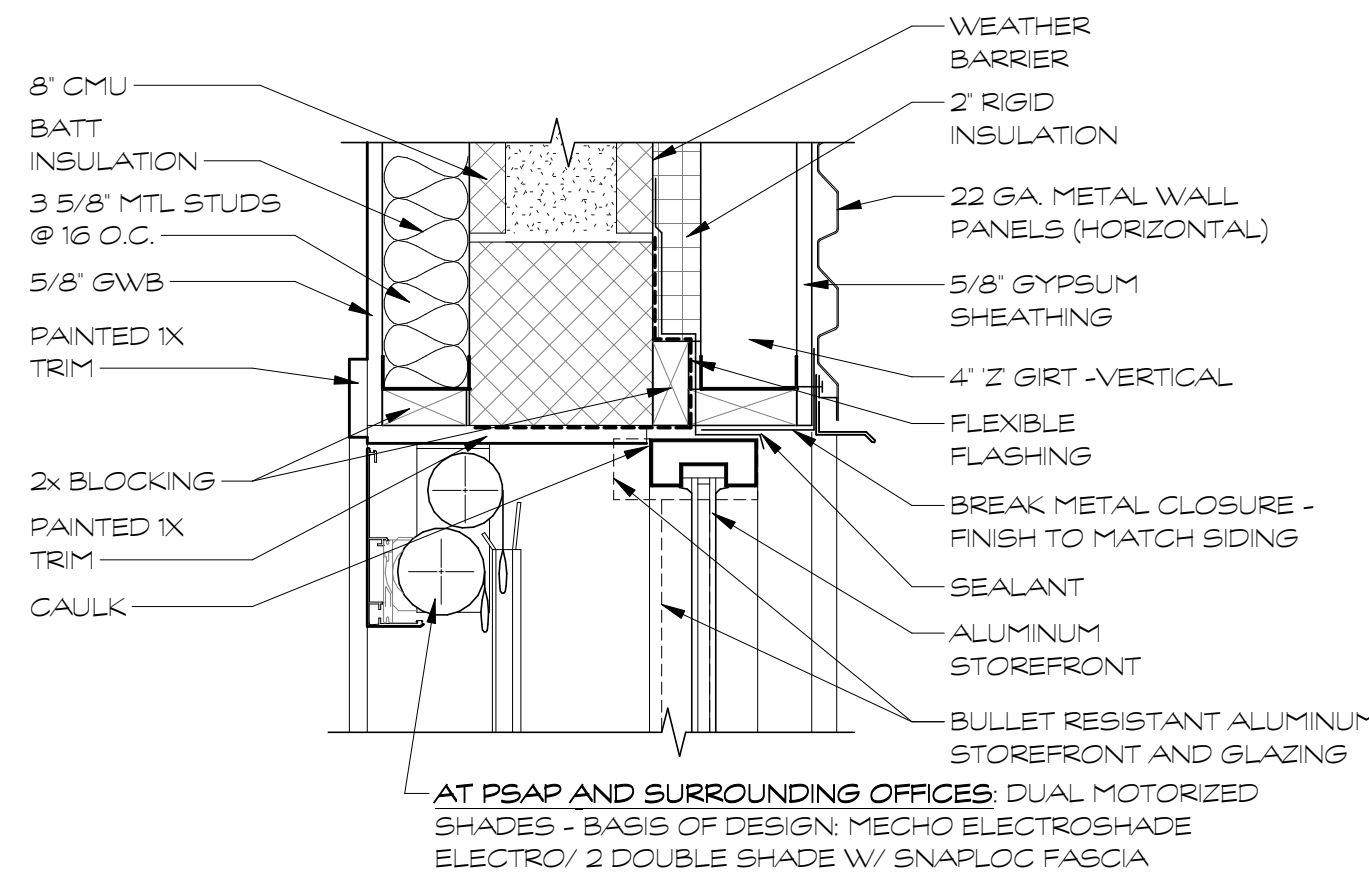
6
A6.3 1 1/2" = 1'-0"

WINDOW JAMB AT BRICK



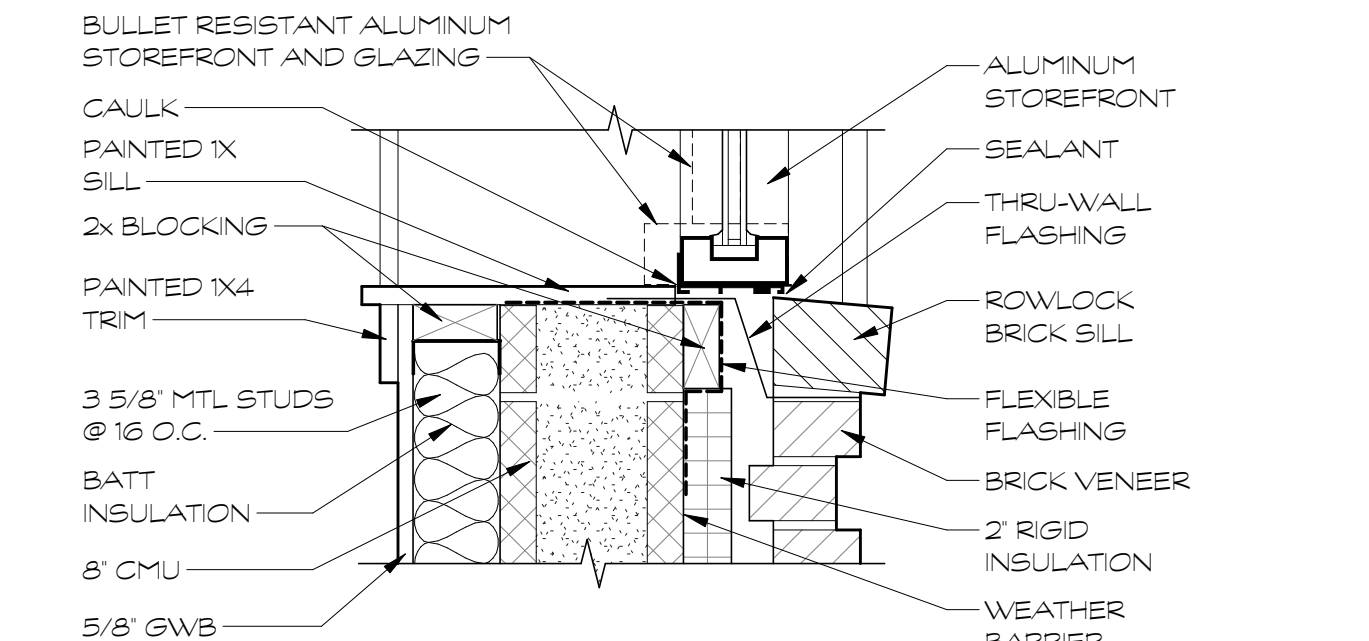
11
A6.3 3" = 1'-0"

ALUM. WINDOW JAMB AT MSTUD



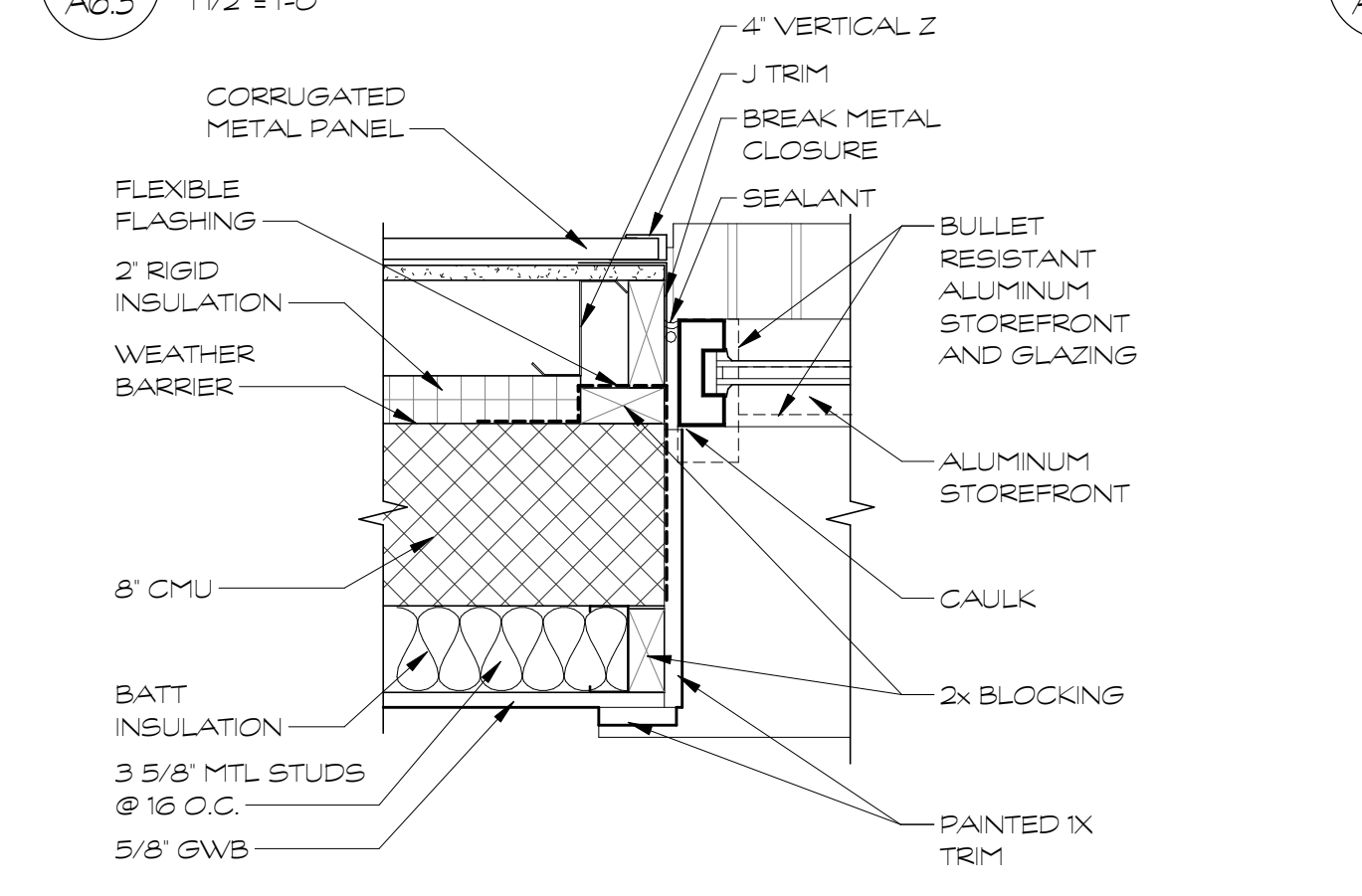
7
A6.3 1 1/2" = 1'-0"

WINDOW HEAD AT METAL PANELS



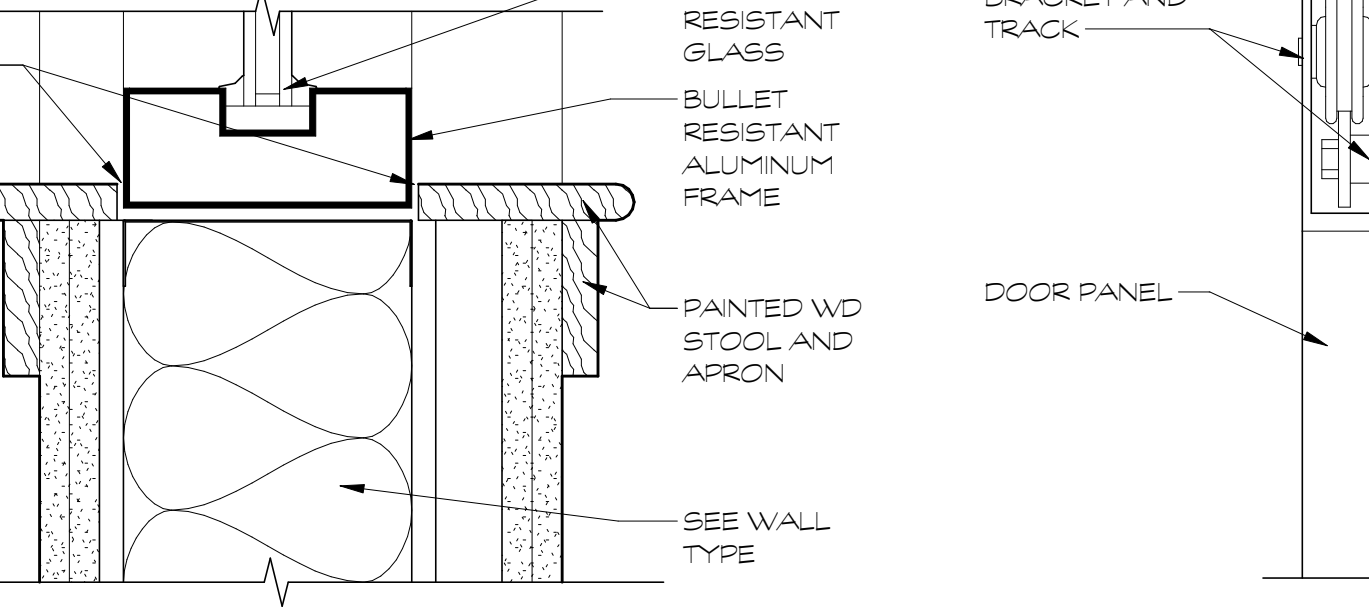
8
A6.3 1 1/2" = 1'-0"

WINDOW SILL AT METAL PANELS



9
A6.3 1 1/2" = 1'-0"

WINDOW JAMB AT METAL PANELS

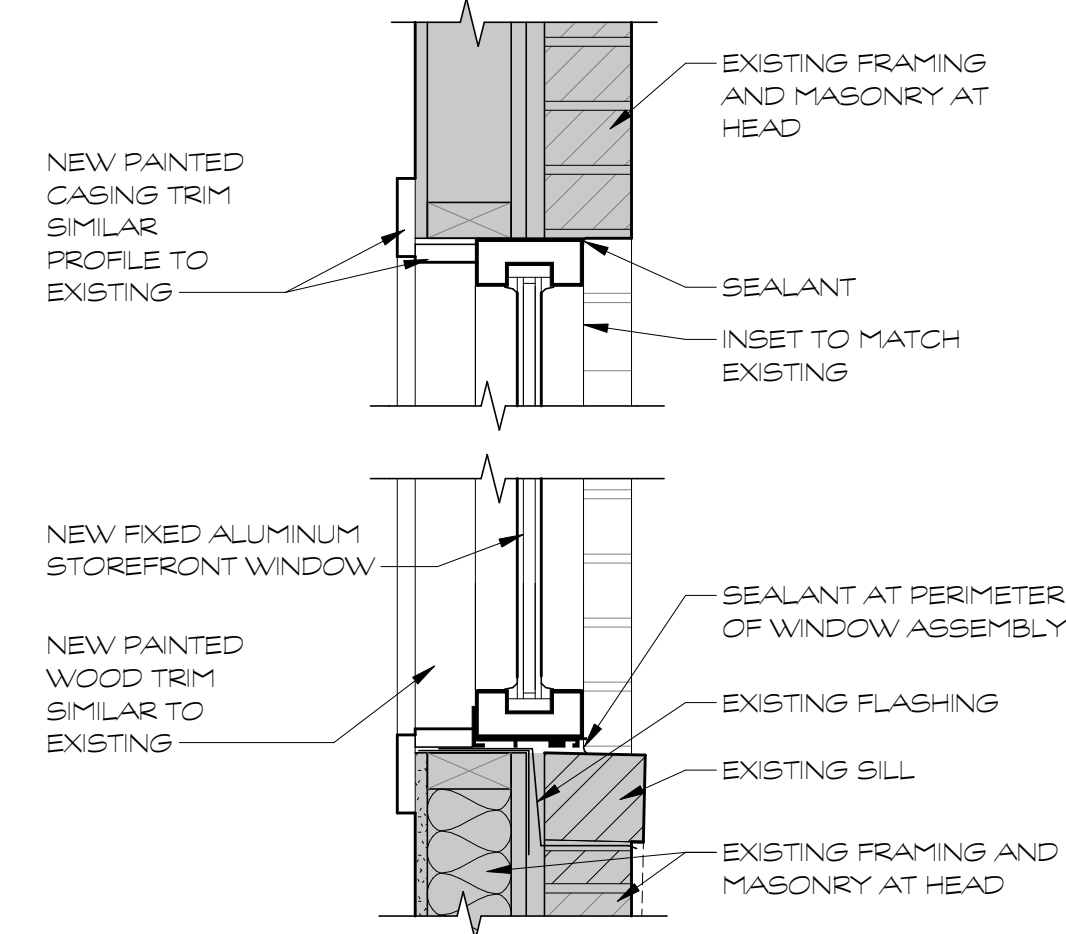


12
A6.3 3" = 1'-0"

ALUM. WINDOW SILL AT MSTUD

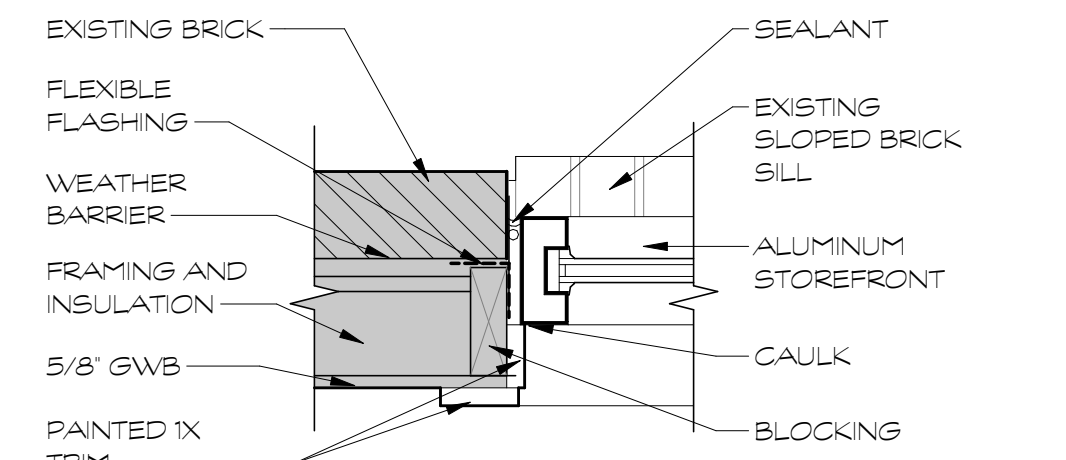
BULLET RESISTANT APPLICATIONS: SEE A2.1 FOR LOCATIONS OF BULLET RESISTANT GLAZING/FRAMES AT EXTERIOR WINDOWS. BULLET RESISTANT GLAZING TO BE ~2" THICK. BULLET RESISTANT FRAMES TO BE 6" x 2.5" - SEE SPECIFICATIONS. BULLET RESISTANT AND STANDARD FRAMES WILL HOLD THE SAME EXTERIOR LINE (3" FROM FACE OF BRICK).

TRIM NOTE: PAINTED 1X SILLS AND TRIM TO HAVE ALL EXPOSED EDGES EASED WITH A 3/8" ROUNDOVER



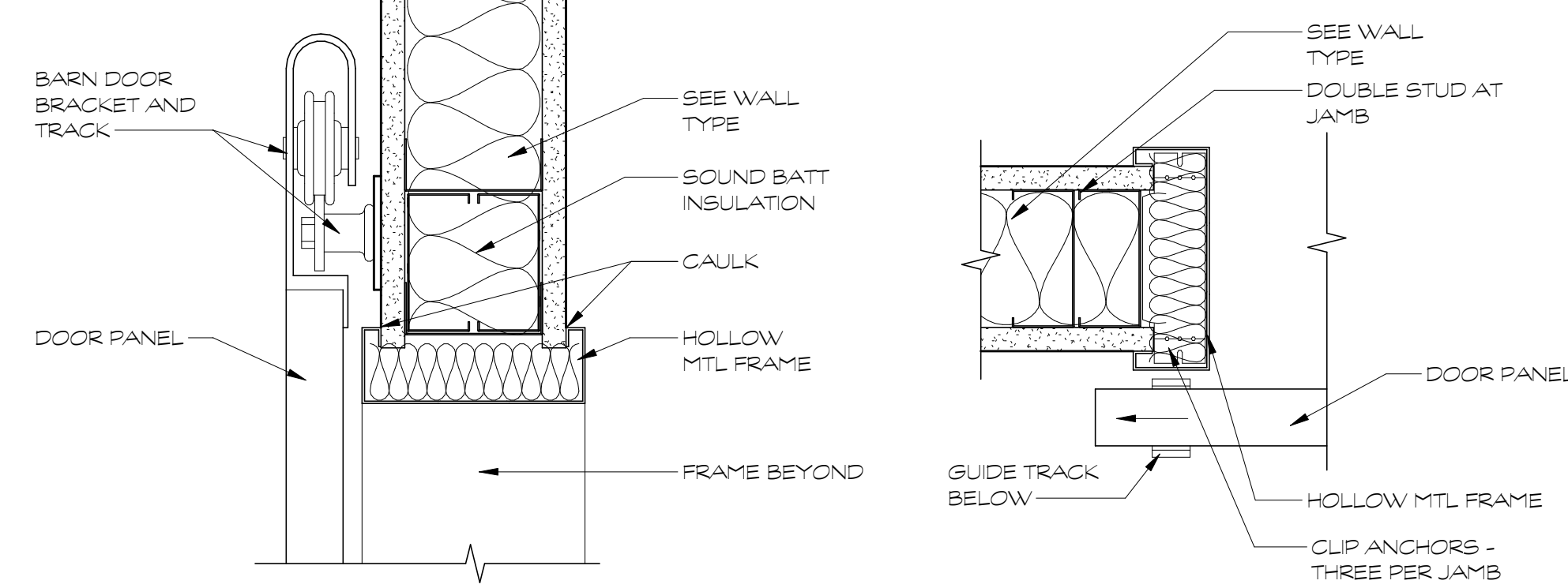
15
A6.3 1 1/2" = 1'-0"

REPLACEMENT WINDOW HEAD AND SILL



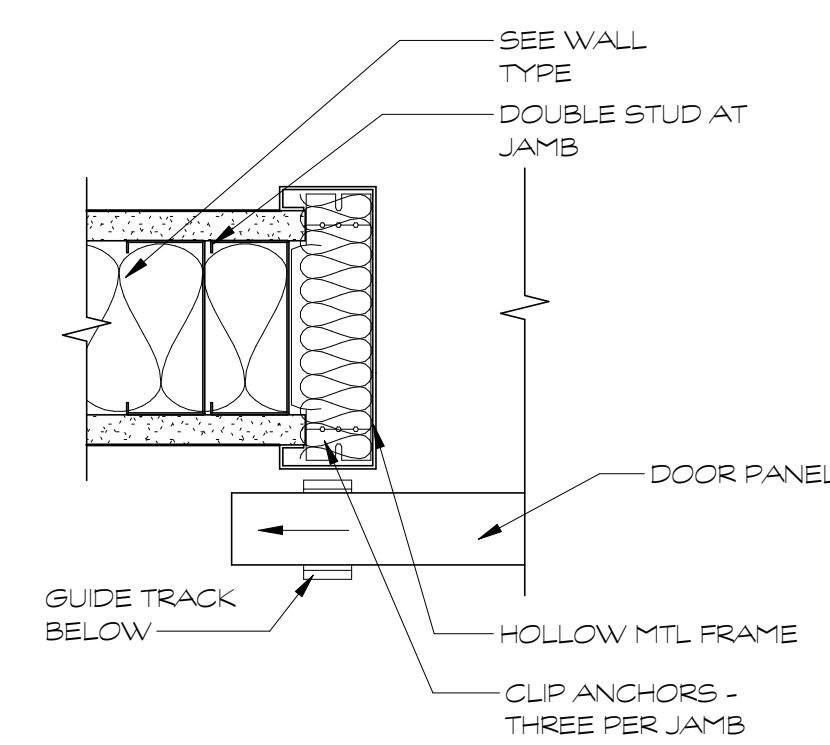
16
A6.3 1 1/2" = 1'-0"

REPLACEMENT WINDOW JAMB



13
A6.3 3" = 1'-0"

BARN DOOR HEAD



14
A6.3 3" = 1'-0"

BARN DOOR JAMB



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RMFDE - 911 COMPLEX**
43 EASTPARK DRIVE, ROANOKE, VA 24019
PROJECT NO.: 24100

BID SET

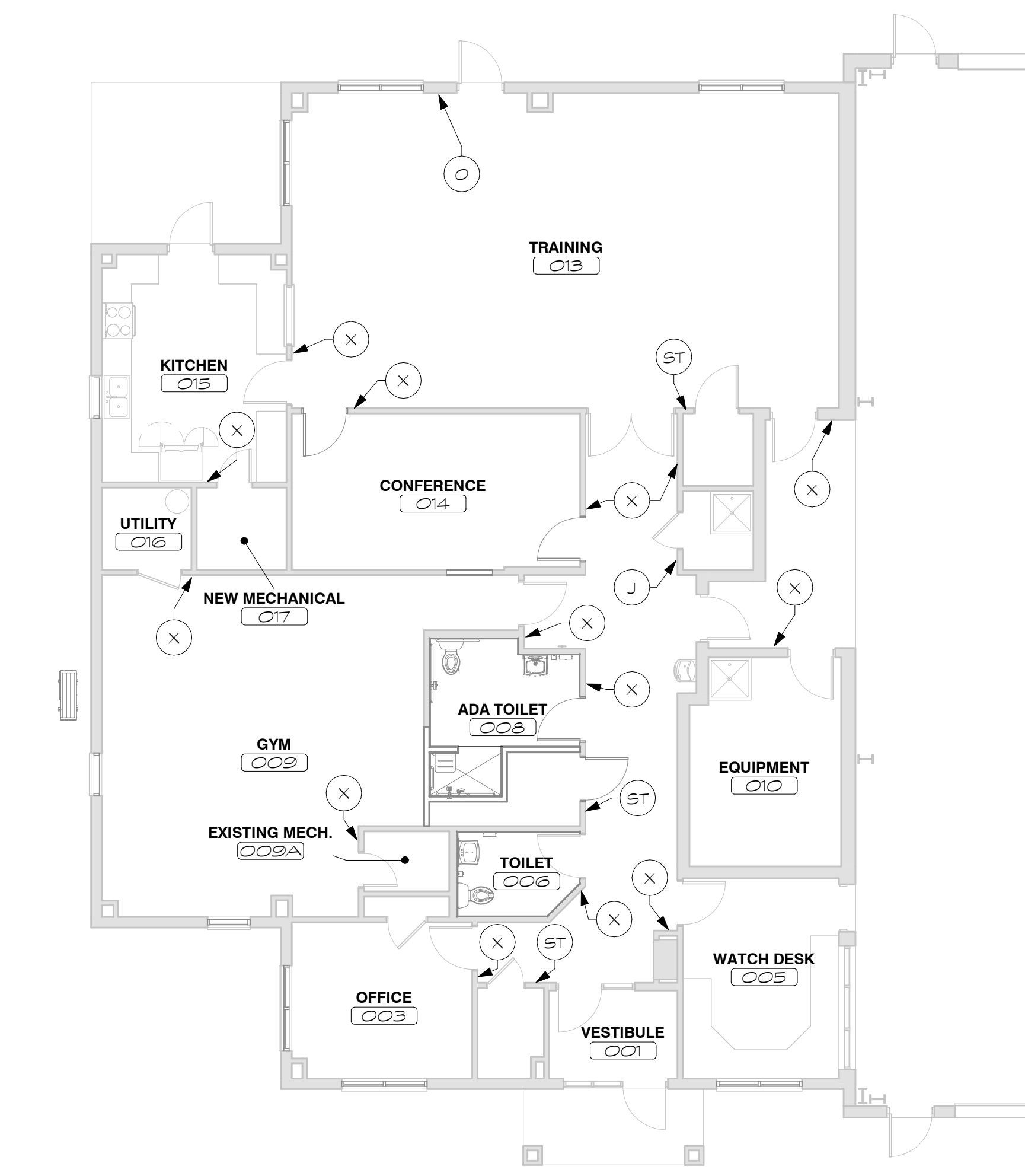


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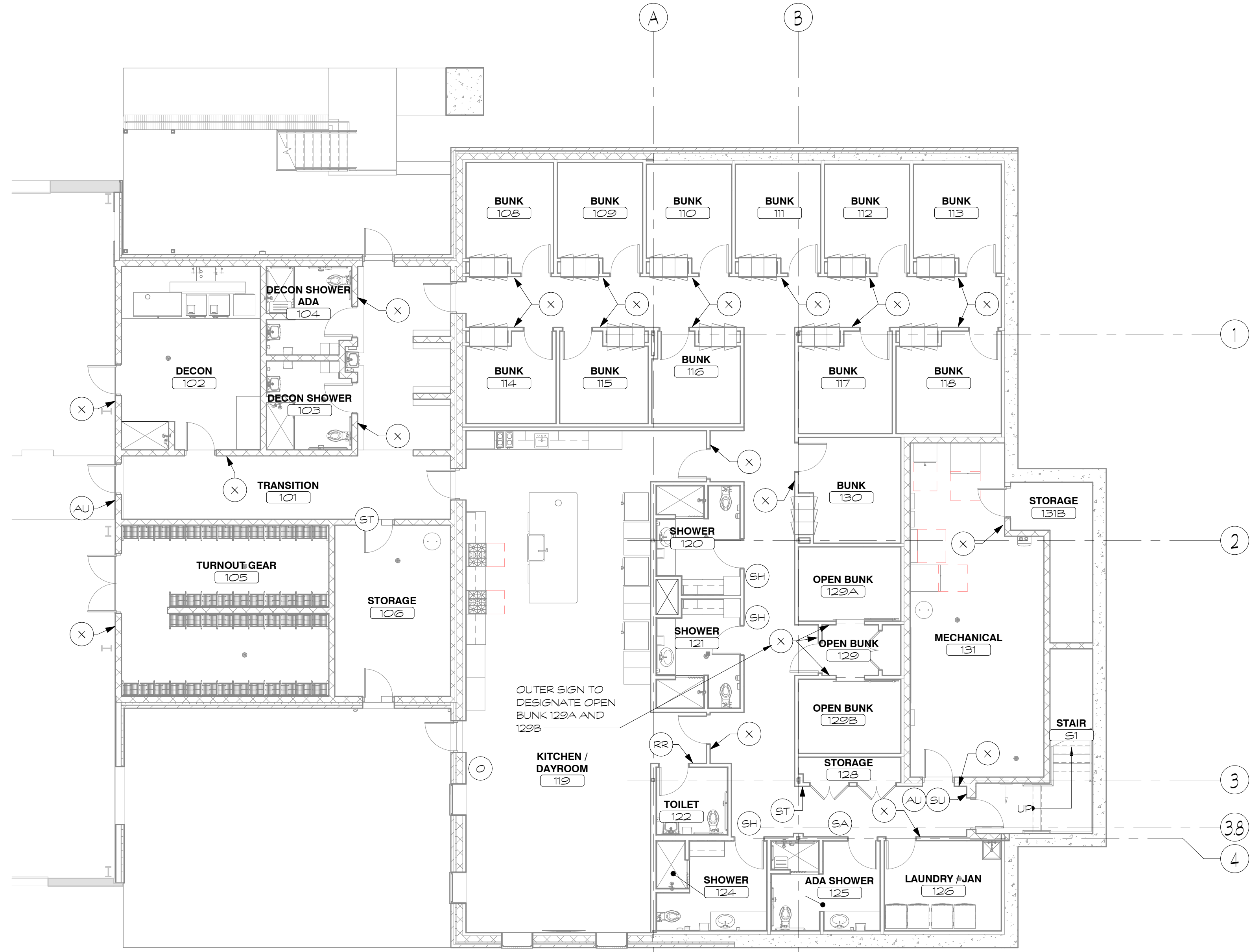
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OPENING DETAILS

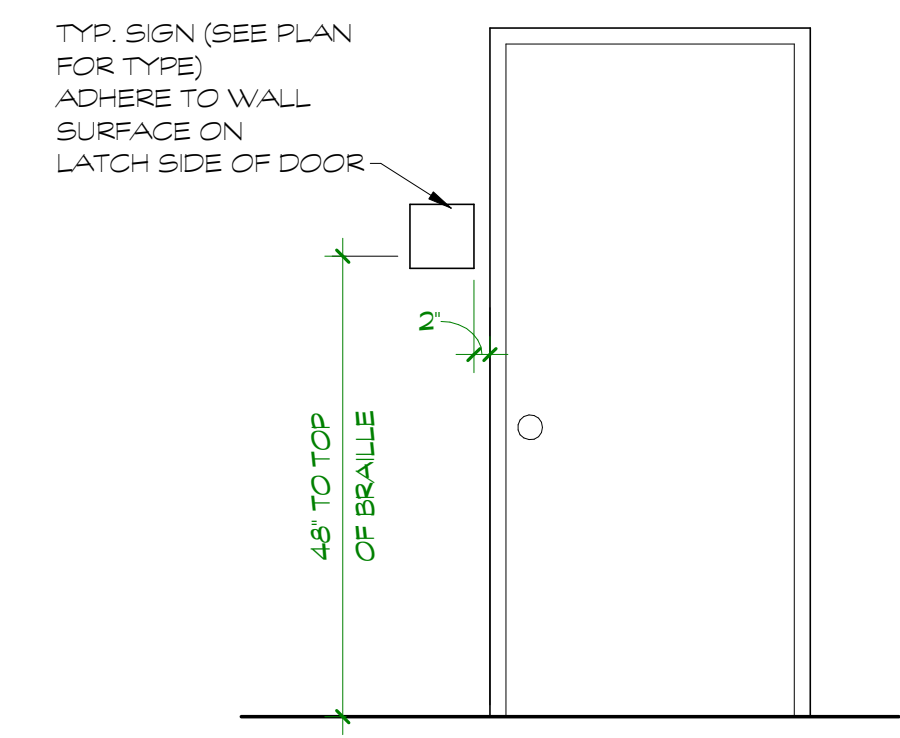
A6.3



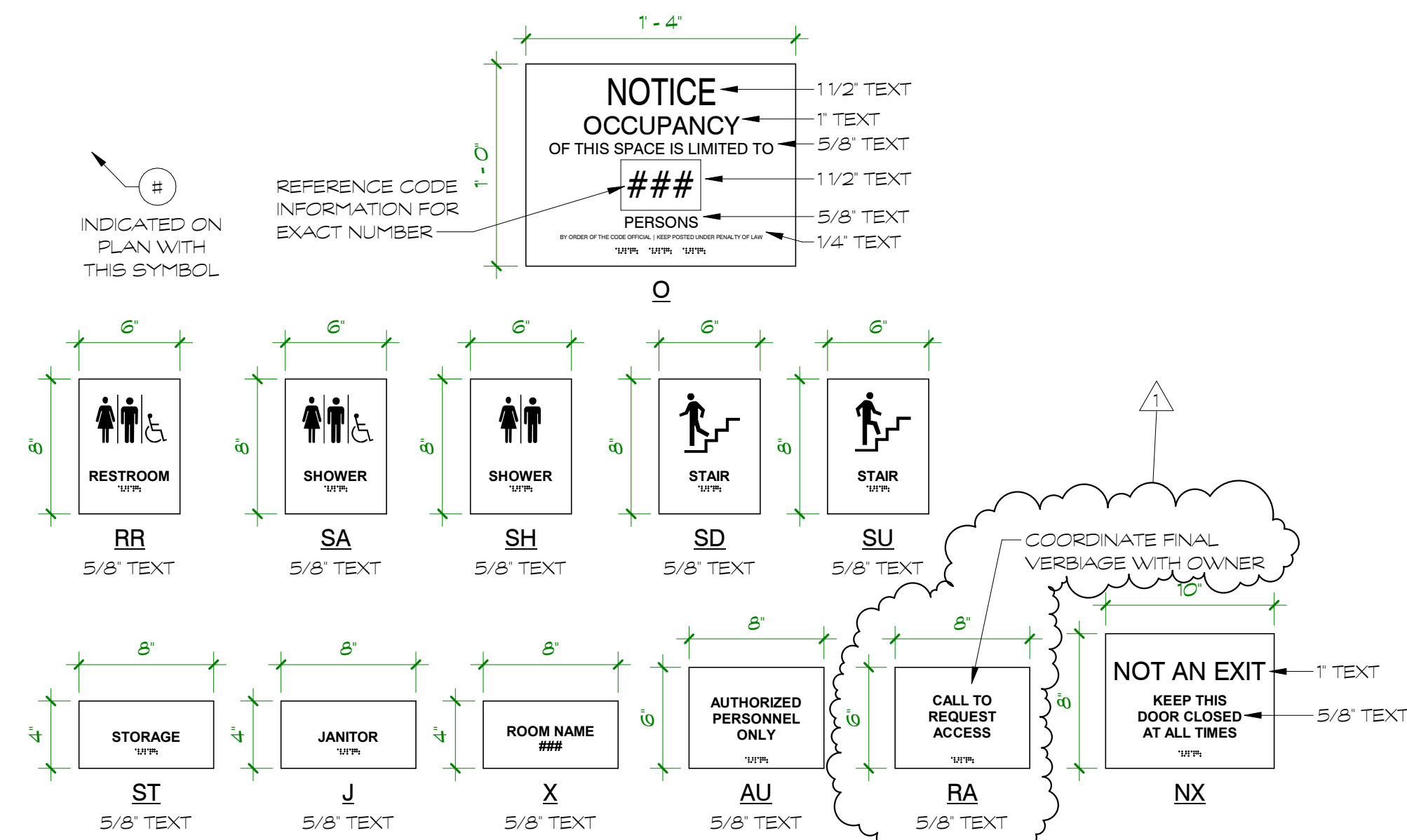
1 FIRST FLOOR SIGNAGE PLAN - RENOVATED AREA
A8.1 1/8" = 1'-0"



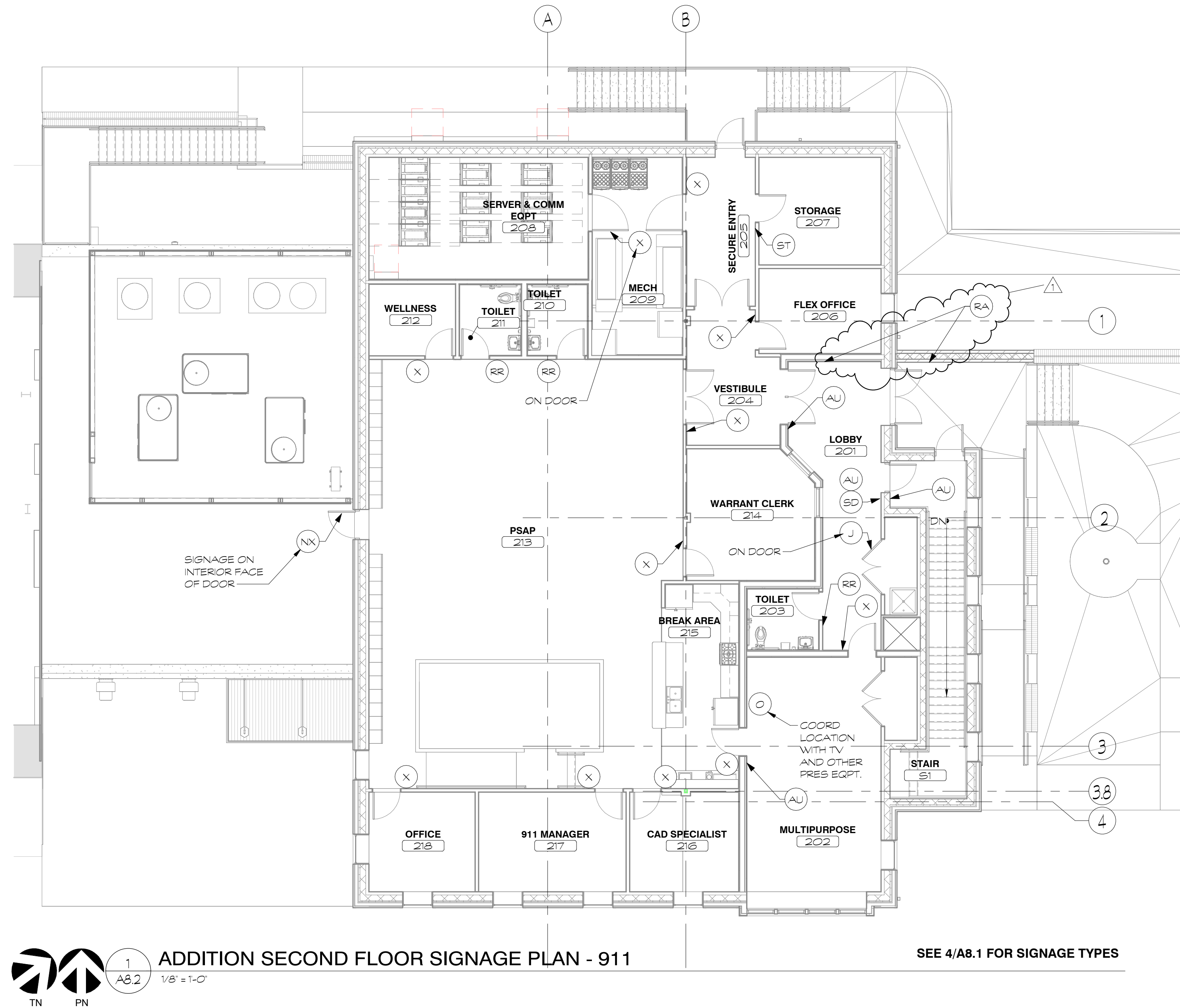
2 ADDITION FIRST FLOOR SIGNAGE PLAN
A8.1 1/8" = 1'-0"



3 TYPICAL SIGN LOCATION
A8.1 1/2" = 1'-0"



4 SIGN TYPES
A8.1 1/2" = 1'-0"



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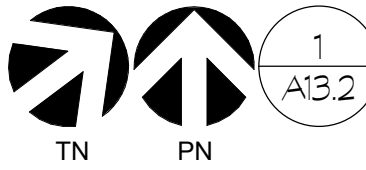
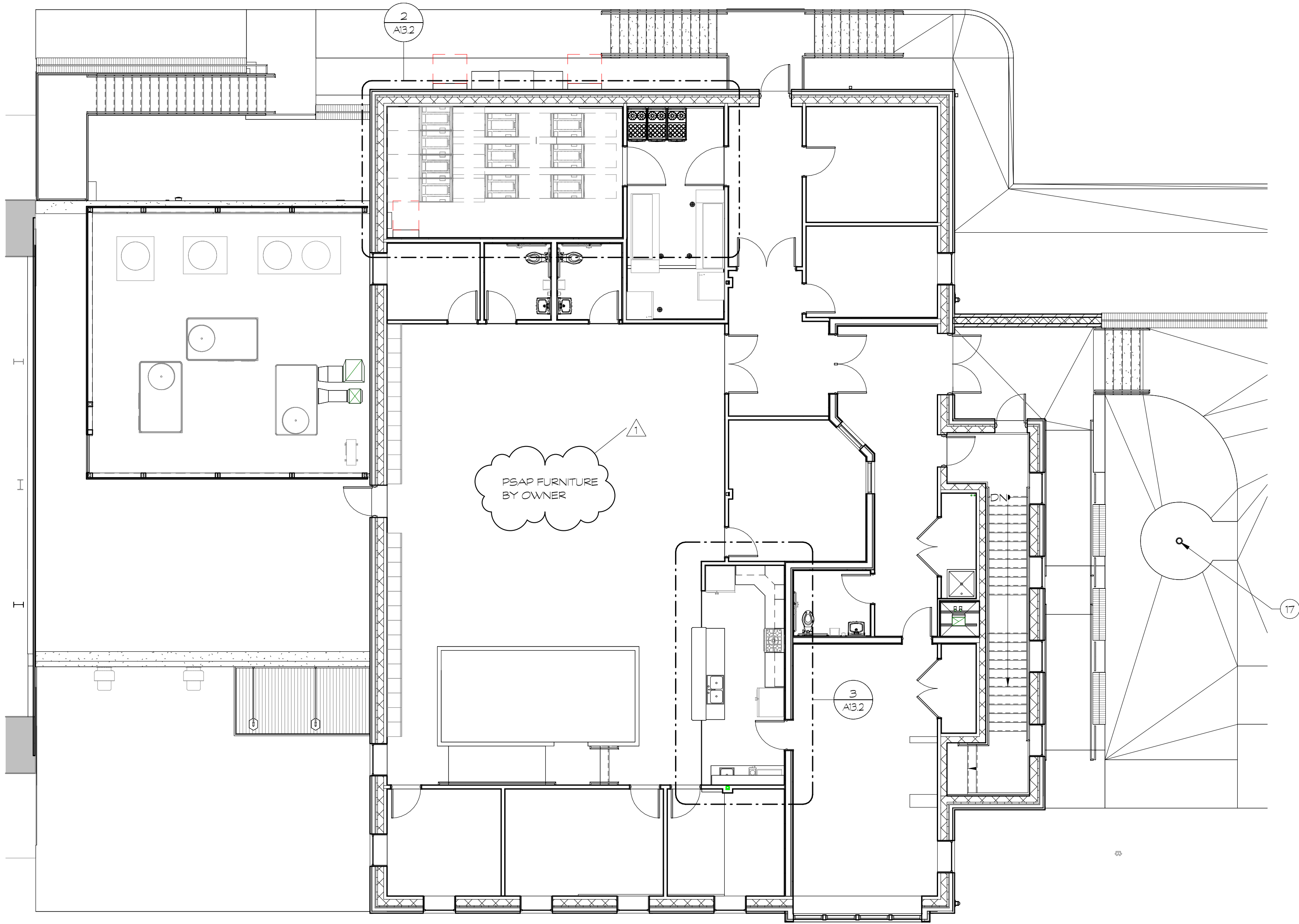
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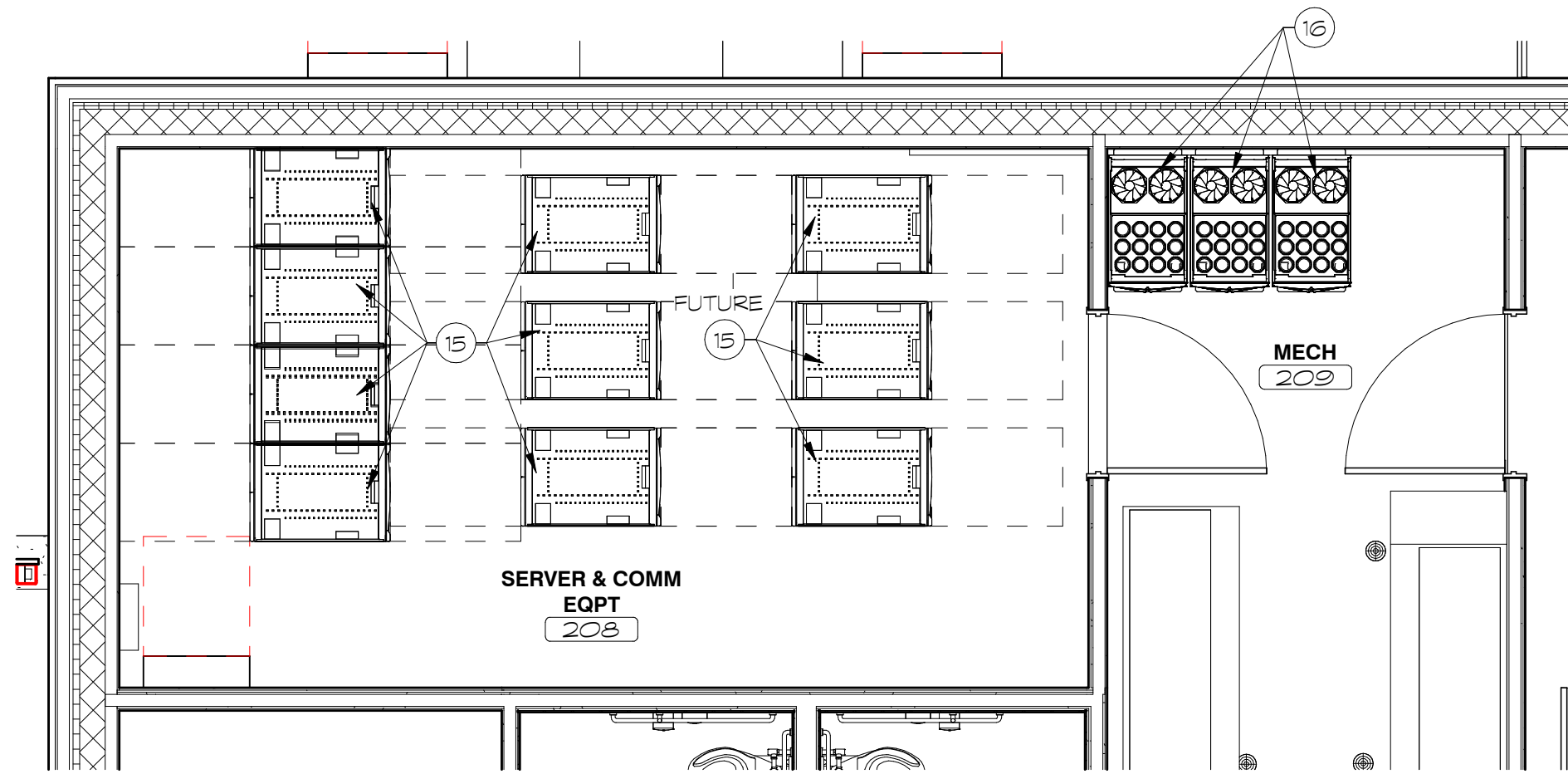
SIGNAGE -
SECOND
FLOOR

FS A8.2



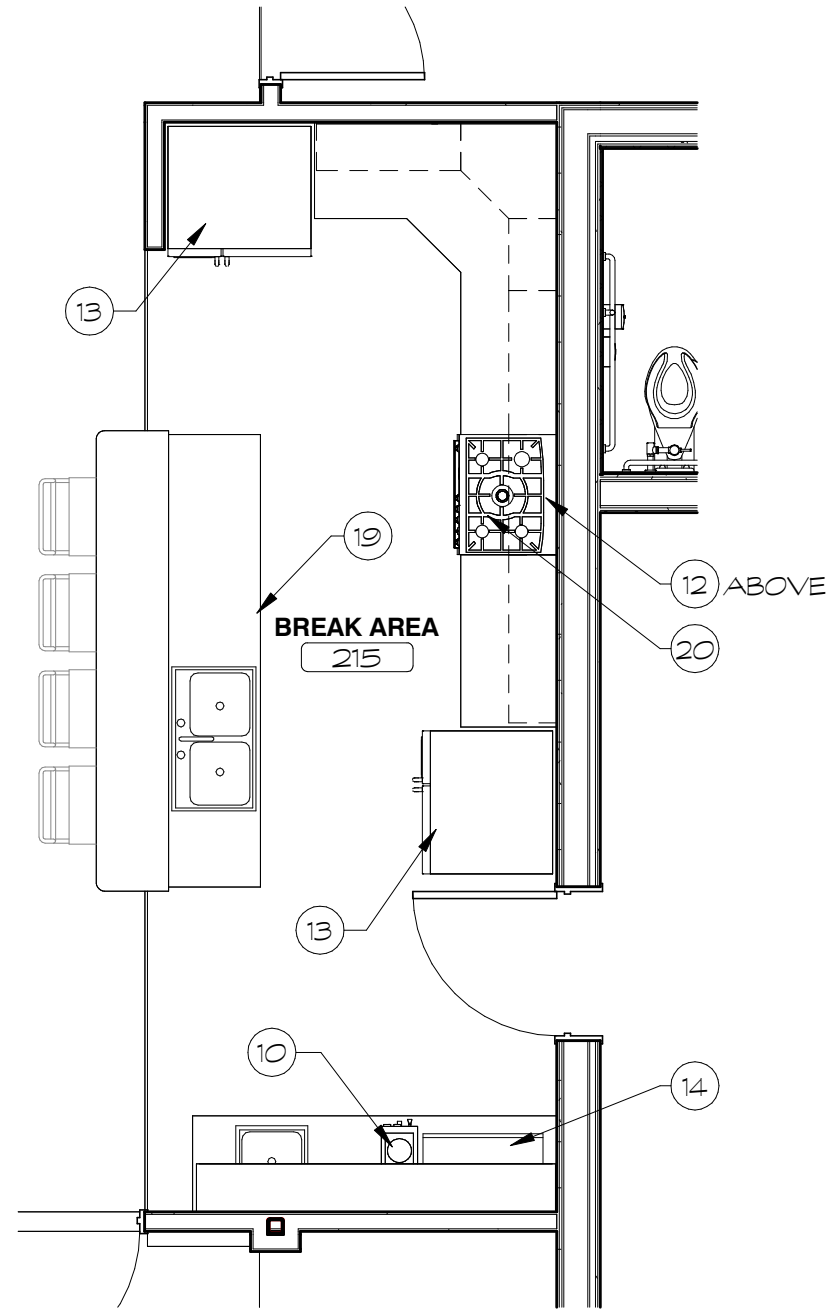
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A13.2
1/8" = 1'-0"

ADDITION SECOND FLOOR EQUIPMENT PLAN - 911



2
A13.2
1/4" = 1'-0"

SERVER ROOM EQUIPMENT PLAN



3
A13.2
1/4" = 1'-0"

BREAKROOM EQUIPMENT PLAN

(X)	EQUIPMENT SCHEDULE
	DESCRIPTION
10	COFFEEMAKER - BASIS OF DESIGN: BUNN AXIOM DV-3 - BY OWNER, CONTRACTOR INSTALLED
12	RANGE HOOD - BASIS OF DESIGN: GREENHECK FIRE READY RESIDENTIAL RANGE HOOD MODEL GRRS
13	REFRIGERATOR - SIDE-BY-SIDE - BASIS OF DESIGN: GE 25.3 CU. FT. SIDE-BY-SIDE REFRIGERATOR MODEL GSS25GYPPS
14	MICROWAVE - BASIS OF DESIGN: GE 1.6 CU. FT. COUNTERTOP MICROWAVE MODEL GCST16SIWSS
15	NETWORK/SERVER RACK - BY OWNER
16	BATTERY BACKUP - SEE ELECTRICAL DRAWINGS
17	FLAGPOLE - BASIS OF DESIGN: LIBERTY FLAGPOLES, 30FT ALUM FLAGPOLE, INTERNAL HALYARD, COMMERCIAL GRADE
19	DISHWASHER - BASIS OF DESIGN: GE STAINLESS STEEL INTERIOR DISHWASHER WITH HIDDEN CONTROLS MODEL GDT226SSLSS
20	GAS RANGE - BASIS OF DESIGN: GE 30" SLIDE-IN FRONT-CONTROL GAS RANGE MODEL JGS76CSPSS



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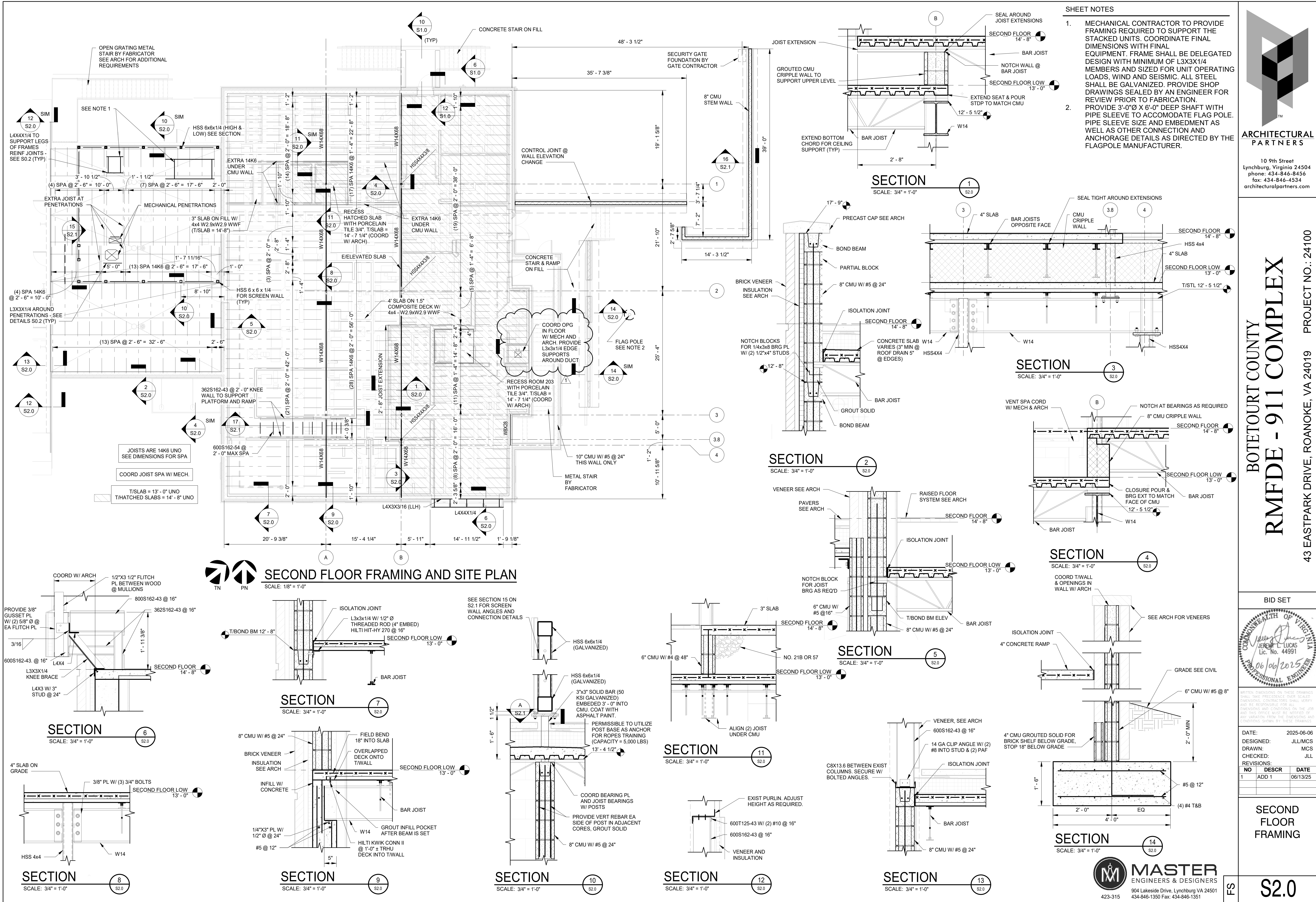
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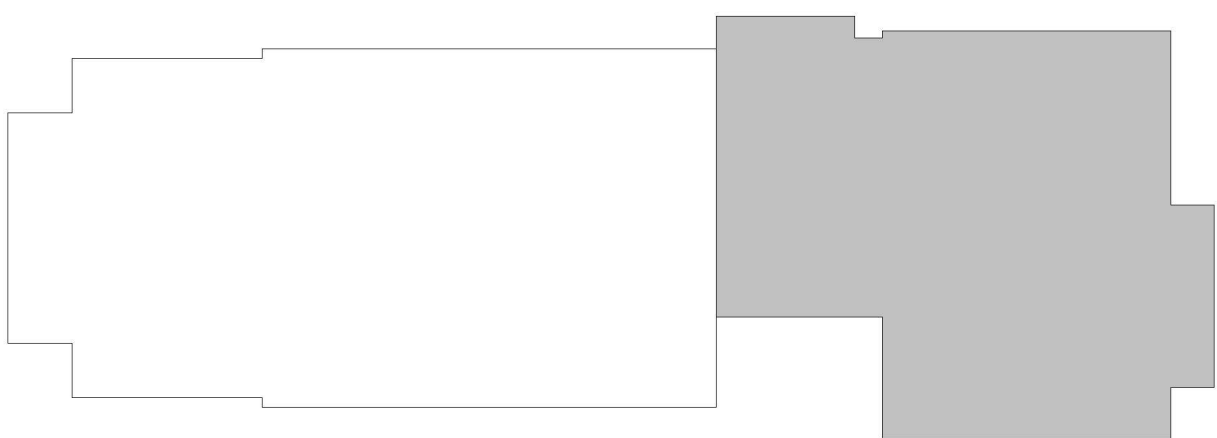
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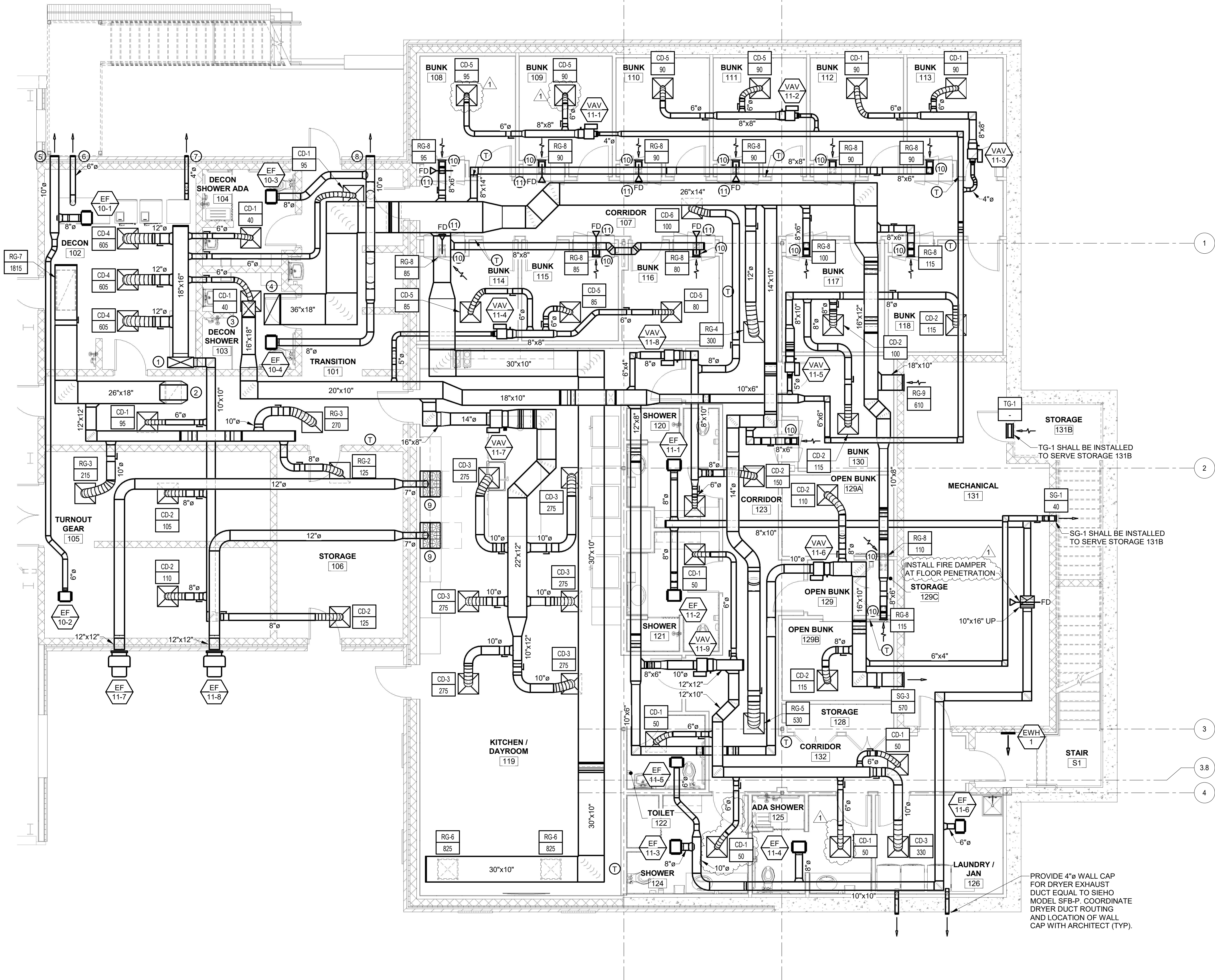
ADDITION
SECOND
FLOOR
EQUIPMENT
PLANS

A13.2



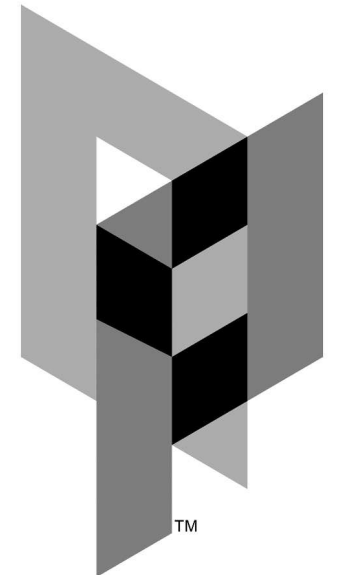


KEY PLAN



PLAN NOTES

- 30"x12" SA DUCT UP. TRANSITION TO 32"x18" INTO RTU-10.
- 26"x18" RA DUCT UP. TRANSITION TO 34"x18" DUCT INTO RTU-11.
- 16"x18" SA DUCT UP. TRANSITION TO 32"x18" DUCT INTO RTU-11.
- 36"x18" RA DUCT UP. TRANSITION TO 34"x18" DUCT INTO RTU-11.
- PROVIDE 10" WALL CAP FOR EXHAUST FROM TURNOUT GEAR 105 AND DECON 102. WALL CAP SHALL BE EQUAL TO SEIHO MODEL SFX. COORDINATE FINAL LOCATION OF WALL CAP WITH ARCHITECT.
- PROVIDE 6" WALL CAP FOR EXHAUST FROM DRYING CABINET IN DECON 102. WALL CAP SHALL BE EQUAL TO SEIHO MODEL SFX. COORDINATE FINAL LOCATION OF WALL CAP WITH ARCHITECT.
- PROVIDE 4" WALL CAP FOR EXHAUST FROM CLOTHES DRYER LOCATED IN DECON 102. WALL CAP SHALL BE EQUAL TO SEIHO MODEL SFB-P. COORDINATE FINAL LOCATION OF WALL CAP WITH ARCHITECT.
- PROVIDE 10" WALL CAP FOR EXHAUST FROM DECON SHOWER 103 AND DECON SHOWER 104. WALL CAP SHALL BE EQUAL TO SEIHO MODEL SFX. COORDINATE FINAL LOCATION OF WALL CAP WITH ARCHITECT.
- RANGE HOOD SHALL BE GREENHECK MODEL GRRS-W-30-T-G-D-N. GREASE DUCT SHALL BE JEREMIAS ZERO CLEARANCE & FIRE-RATED GREASE DUCT MODEL DWFL-ZC. SEE MANUFACTURER'S SPECIFICATIONS FOR GREASE DUCT CONNECTION/INSTALLATION DETAILS, UL AND ULC LISTINGS, MATERIALS, ROUTING, FITTINGS, AND ACCESSORIES. INSTALL HOOD FAN IN DUCT AS REQUIRED. CONNECT CONTROL PANEL TO AUTOMATIC NATURAL GAS SHUT-OFF VALVE ON BRANCH SERVING COOKING APPLIANCE.
- LINE RETURN DUCT TO MAIN TRUNK FOR BUNK ROOMS AS SHOWN.
- INSTALL FIRE DAMPER IN VERTICAL AT FIRE-RATED HORIZONTAL ASSEMBLY BELOW ESS AREA FOR RETURN DUCT ENTERING BUNK ROOMS 108, 109, 110, 114, 115, AND 116.



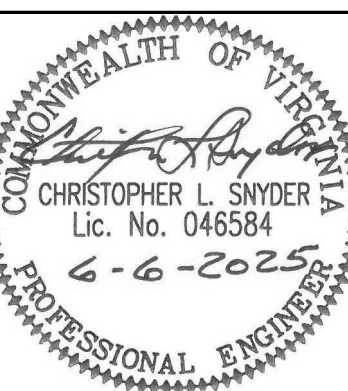
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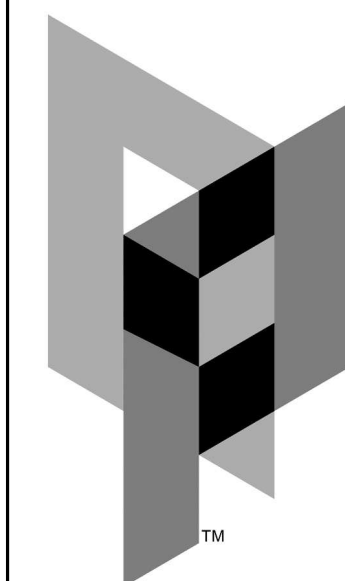


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HVAC FIRST FLOOR NEW WORK PLAN

M3.0

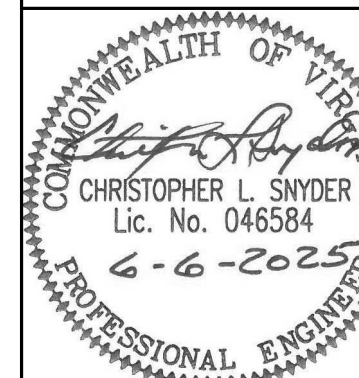


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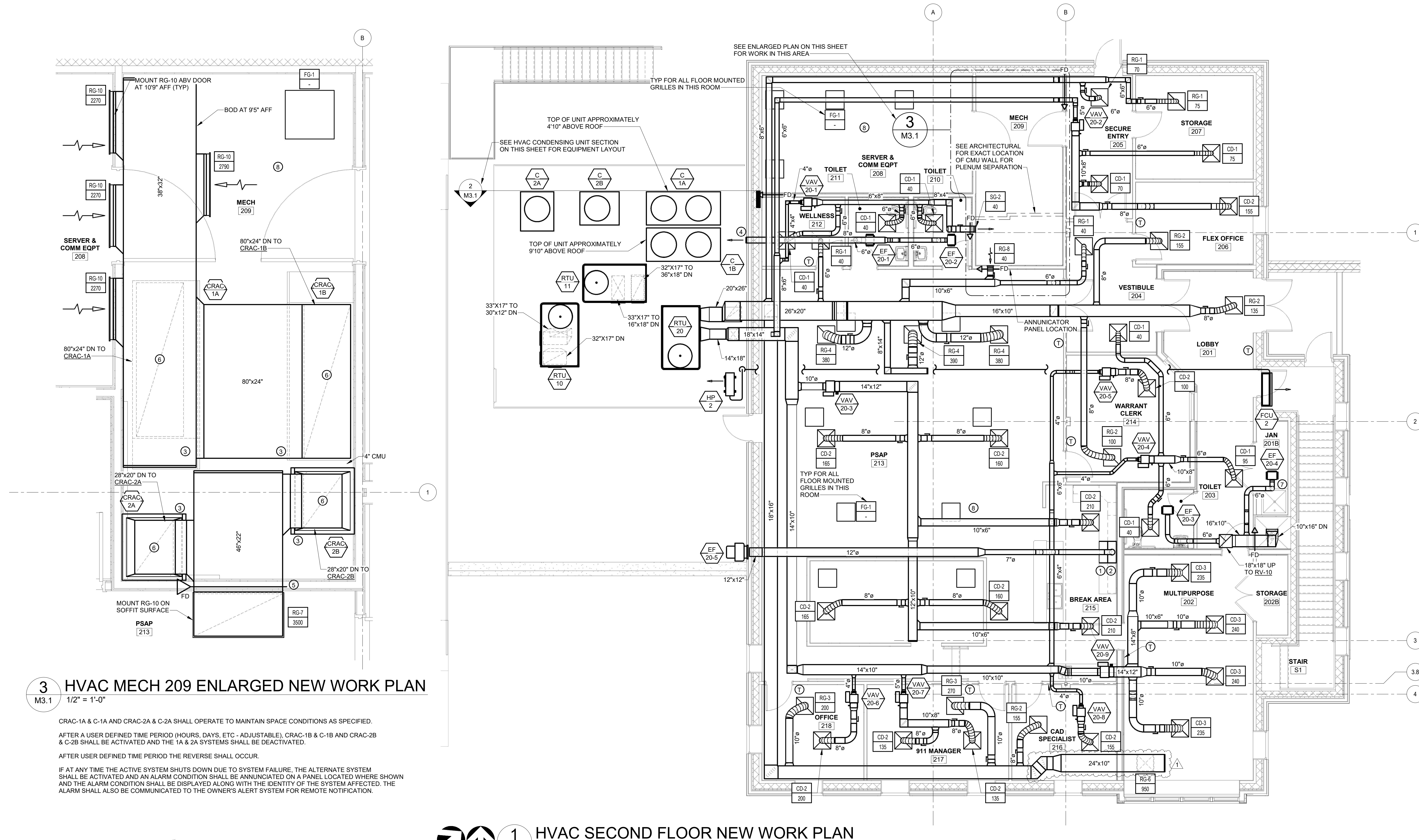
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HVAC
SECOND
FLOOR NEW
WORK PLANS

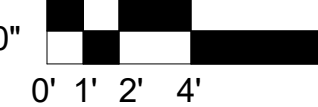
ES

M3.1



KEY PLAN

3/16" = 1'-0"



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1
M3.1

HVAC SECOND FLOOR NEW WORK PLAN

3/16" = 1'-0"

GENERAL NOTES

1. HVAC MECH 209 ENLARGED NEW WORK PLAN SHOWS ONLY MECHANICAL EQUIPMENT SERVING PSAP 213 AND SERVER & COMM EQPT 208, INCLUDING LARGER AIR DISTRIBUTION DEVICES FOR THESE SPACES, AND ANY DUCTWORK FROM THIS EQUIPMENT.

PLAN NOTES

1. RANGE HOOD SHALL BE GREENHECK MODEL GRRS-W-30-T-G-D-N. GREASE DUCT SHALL BE JEREMIAS ZERO CLEARANCE & FIRE-RAID GREASE DUCT MODEL DWFL-2C. SEE MANUFACTURER'S SPECIFICATIONS FOR GREASE DUCT CONNECTION/INSTALLATION DETAILS, UL AND ULC LISTINGS, MATERIALS, ROUTING, FITTINGS, AND ACCESSORIES. INSTALL HOOD FAN IN DUCT AS REQUIRED. CONNECT CONTROL PANEL TO AUTOMATIC NATURAL GAS SHUT-OFF VALVE ON BRANCH SERVING COOKING APPLIANCE.
2. ROUTE 7" EXHAUST DUCT FROM RANGE HOOD IN BREAKROOM AND TERMINATE TO ROOF W/ MANUFACTURER APPROVED DEVICE.
3. CONNECT HUMIDIFIER TO CW PIPING. SEE PLUMBING.
4. PROVIDE 8" WALL CAP FOR EXHAUST FROM TOILET 210 & 211. WALL CAP SHALL BE EQUAL TO SEIHO MODEL SFX. COORDINATE FINAL LOCATION OF WALL CAP WITH ARCHITECT.
5. PROVIDE FIRE DAMPER EQUAL TO RUSKIN VERTICAL, MODEL DFD60-3, 84"x12" WITH STYLE C SLEEVE.
6. INSTALL MOTORIZED DAMPER IN RETURN AIR DUCT AT UNIT TO OPEN WHENEVER SYSTEM IS ENABLED AND CLOSE WHEN DISABLED.
7. ROUTE CONDENSATE FROM FCU-2 TO JANITOR'S SINK IN JAN 201B.
8. COORDINATE FINAL LOCATION OF FLOOR GRILLES WITH EQUIPMENT AND FURNITURE. PROVIDE OWNER WITH FIVE (5) ADDITIONAL GRILLES FOR FUTURE MODIFICATIONS IN ADDITION TO THOSE SHOWN.

3 HVAC MECH 209 ENLARGED NEW WORK PLAN

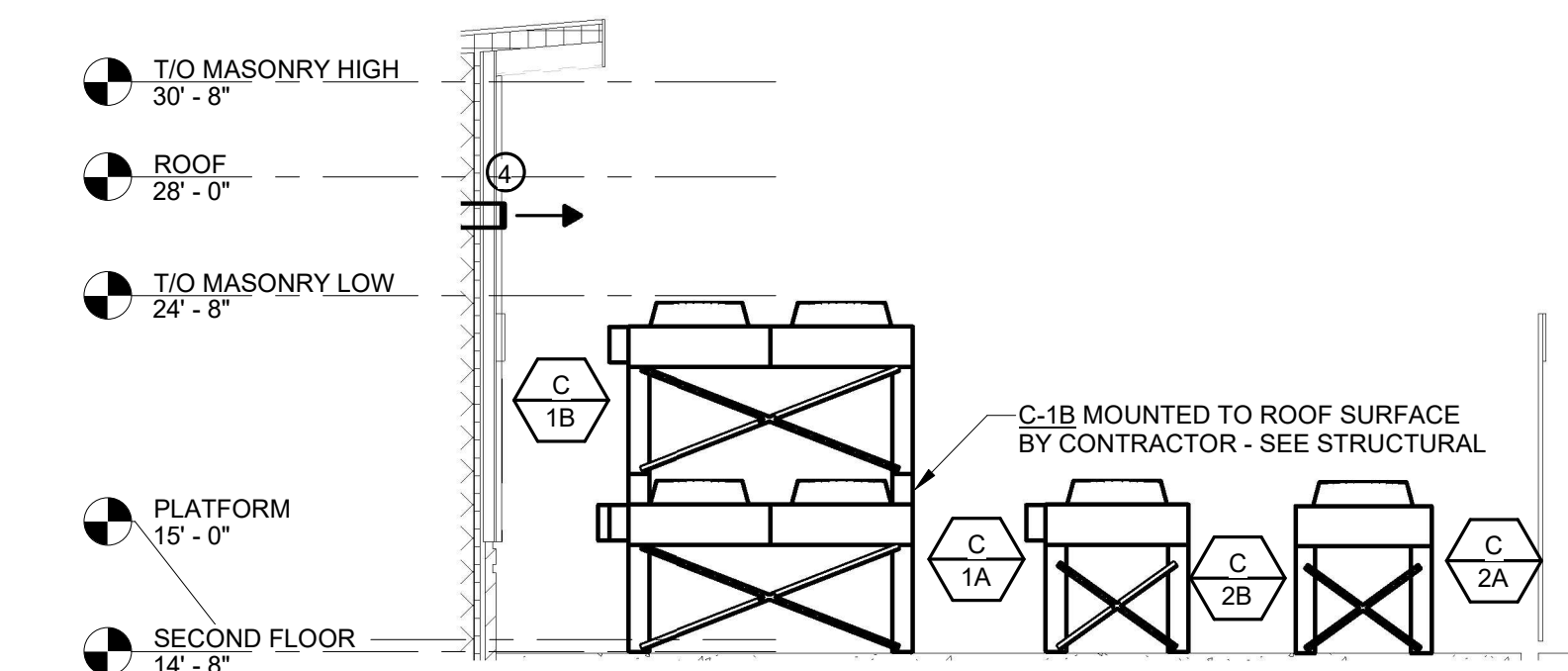
M3.1 1/2" = 1'-0"

CRAC-1A & C-1A AND CRAC-2A & C-2A SHALL OPERATE TO MAINTAIN SPACE CONDITIONS AS SPECIFIED.

AFTER A USER DEFINED TIME PERIOD (HOURS, DAYS, ETC - ADJUSTABLE), CRAC-1B & C-1B AND CRAC-2B & C-2B SHALL BE ACTIVATED AND THE 1A & 2A SYSTEMS SHALL BE DEACTIVATED.

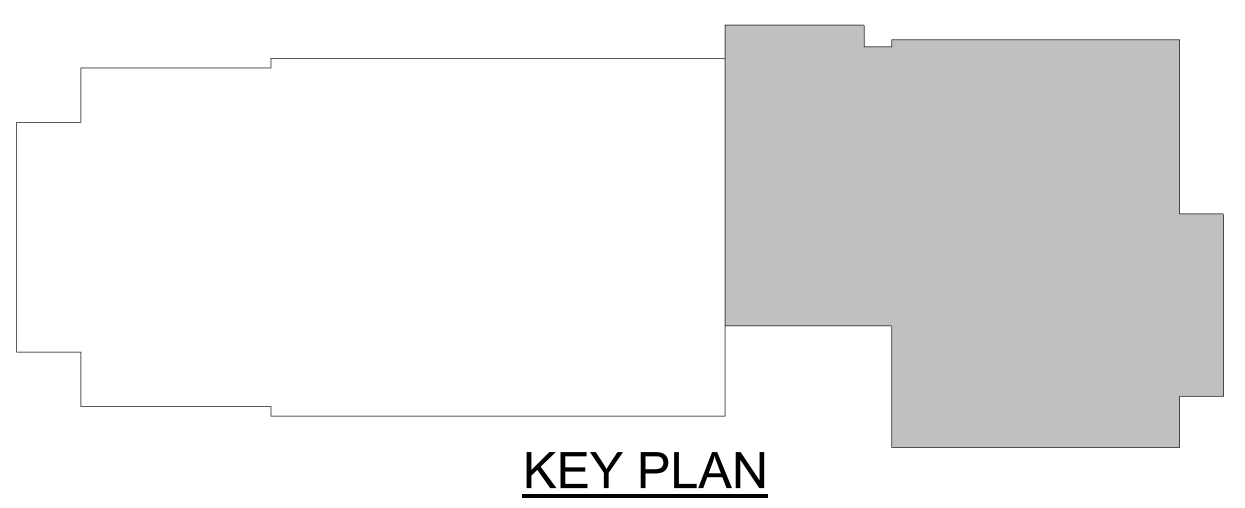
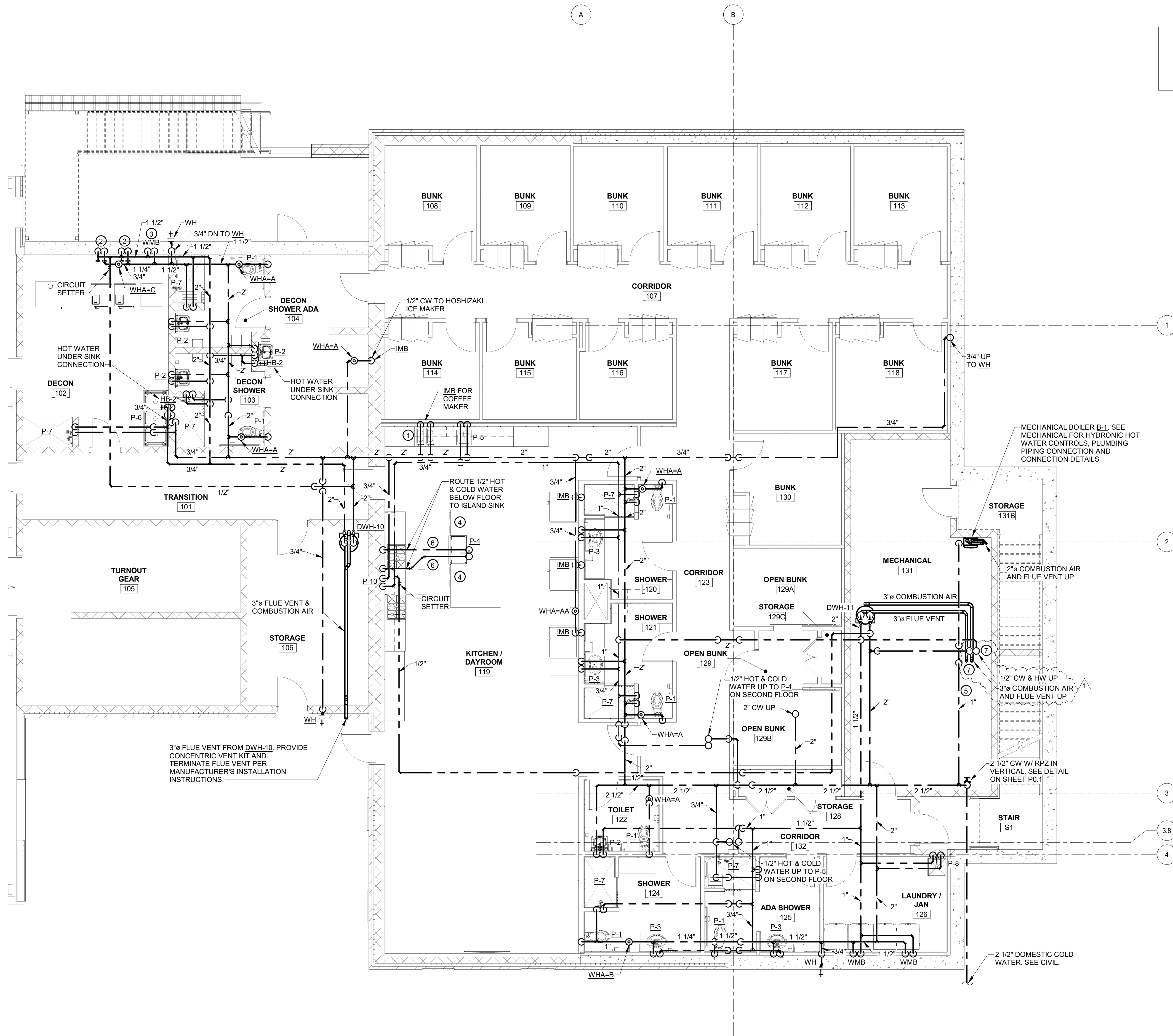
AFTER USER DEFINED TIME PERIOD THE REVERSE SHALL OCCUR.

IF AT ANY TIME THE ACTIVE SYSTEM SHUTS DOWN DUE TO SYSTEM FAILURE, THE ALTERNATE SYSTEM SHALL BE ACTIVATED AND AN ALARM CONDITION SHALL BE ANNUNCIATED ON A PANEL LOCATED WHERE SHOWN AND THE ALARM CONDITION SHALL BE DISPLAYED ALONG WITH THE IDENTITY OF THE SYSTEM AFFECTED. THE ALARM SHALL ALSO BE COMMUNICATED TO THE OWNER'S ALERT SYSTEM FOR REMOTE NOTIFICATION.



2 HVAC CONDENSING UNIT SECTION

M3.1 3/16" = 1'-0"



1 PLUMBING FIRST FLOOR NEW WORK HOT & COLD WATER PLAN
P3.0 3/16" = 1'-0"

- ### PLAN NOTES
- CONFIRM FINAL LOCATION OF OWNER SPECIFIED EQUIPMENT PRIOR TO INSTALLATION.
 - INSTALL HB-1 HOSE BIBBS FOR HOT AND COLD WATER CONNECTIONS TO GEAR EXTRACTORS IN THIS LOCATION. COORDINATE FINAL LOCATION WITH OWNER SPECIFIED EQUIPMENT. SEE PLUMBING MISCELLANEOUS EQUIPMENT SCHEDULE FOR HOSE BIBB DETAILS.
 - INSTALL SURFACE MOUNTED WASHING MACHINE BOX IN THIS LOCATION. COORDINATE FINAL LOCATION WITH OWNER SPECIFIED EQUIPMENT. SEE PLUMBING MISCELLANEOUS SCHEDULE FOR WASHING MACHINE BOX DETAILS.
 - ROUTE DOMESTIC WATER PIPING FROM SINK P-4 TO DISHWASHERS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - 1" BOILER MAKE-UP. SEE DETAIL ON SHEET P0.2.
 - INSULATE UNDERSLAB PIPING USING 3/4" CLOSED CELL FOAM.
 - FIRE-STOP COMBUSTION AIR, FLUE VENT, AND DOMESTIC WATER PIPING AT PENETRATION INTO CHASE. SEE PIPE PENETRATION DETAIL ON SHEET P0.2.

3/16" = 1'-0"

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CHRISTOPHER L. SNYDER
Lic. No. 046584
6-6-2025
PROFESSIONAL ENGINEER

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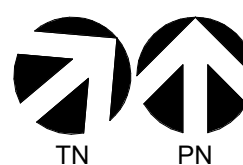
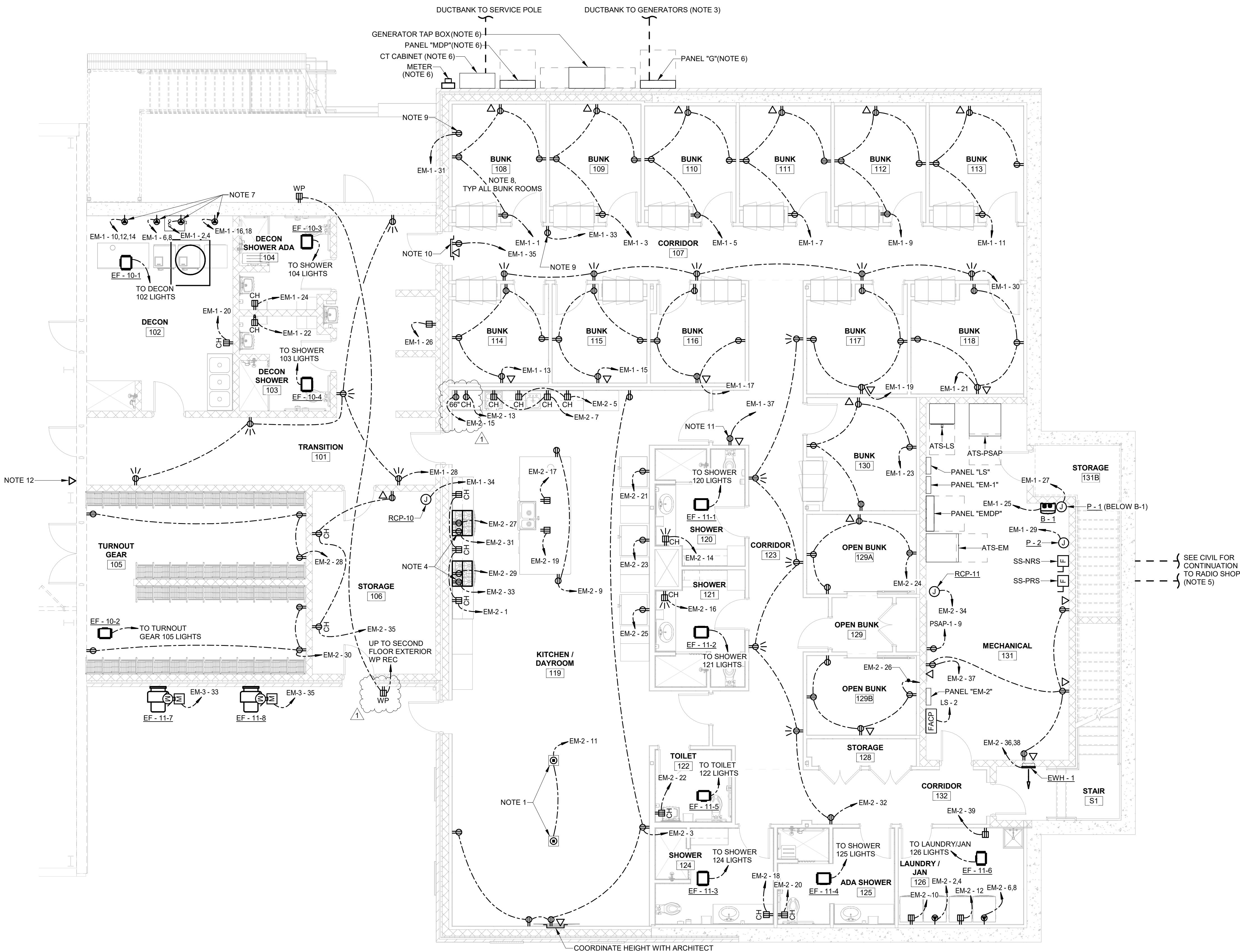
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**PLUMBING
FIRST FLOOR
NEW WORK
HOT & COLD
WATER PLAN**

P3.0

NOTES (SHEET E3.1)

- COORDINATE LOCATION OF FLOOR BOXES WITH OWNER.
- READ MOUNTAIN RADIO SHOP MUST BE OPERABLE BY APRIL 2026. ALL SERVICES MUST BE COMPLETED FOR NORMAL POWER CONDITIONS UPSTREAM OF PANELS "NRS", "LSRS", AND "PRS" BY THIS DATE.
- COORDINATE LOCATION OF GENERATORS AND ATS-GEN WITH CIVIL. ATS-GEN IS SHOWN BETWEEN THE TWO GENERATORS ON CIVIL PLANS.
- COORDINATE RECEPTACLE HEIGHT WITH FINAL RANGE HOOD LOCATION AND DIMENSIONS.
- CONTINUE POWER CONDUITS SHOWN ON ONE LINE DIAGRAM TO RADIO SHOP, ALONG WITH (1) SPARE 4" CONDUIT, STUBBED UP AND CAPPED 4'-6" ABOVE FLOOR LEVEL. FOR COMMUNICATIONS CONDUITS, PROVIDE (4) 4" CONDUITS. ON FIRE STATION END, CONTINUE CONDUITS (RSC) THROUGH A PULL BOX AND TO RAISED FLOOR AREA IN PSAP, SIMILAR TO THE (6) 4" CONDUITS SHOWN ON DETAIL ON SHEET E5.1.
- ALL CONDUITS EXTENDING INTO AND FROM THIS EQUIPMENT SHALL BE ROUTED UNDER GRADE, UNDERSLAB, OR CONCEALED WITHIN WALLS. NO CONDUITS SHALL BE ROUTED OVERHEAD ON THE BUILDING EXTERIOR.
- COORDINATE FINAL EQUIPMENT CONNECTION TYPE WITH FINAL EQUIPMENT SELECTIONS PER MANUFACTURER INSTRUCTIONS.
- COORDINATE SPECIFIC LOCATIONS OF ALL DATA RECEPTACLES IN BUNK ROOMS WITH OWNER. QUANTITIES SHOWN ARE ACCURATE, BUT MAY BE AT DIFFERENT LOCATIONS WITHIN ROOM DUE TO FURNITURE LAYOUT.
- INDICATED RECEPTACLES ARE FOR DISPATCH SYSTEM LED CONTROLLERS (PROVIDED BY OTHERS) AND ARE INSTALLED ABOVE THE DROP CEILING. COORDINATE WITH OWNER AND DISPATCH SYSTEM PROVIDER FOR EXACT LOCATION.
- FOR DISPATCH SYSTEM INCIDENT DISPLAY BOARD. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER AND DISPATCH SYSTEM PROVIDER.
- FOR DISPATCH SYSTEM PRINTER. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER AND DISPATCH SYSTEM PROVIDER.
- FOR DISPATCH SYSTEM TURNOUT GEAR TIMER. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER AND DISPATCH SYSTEM PROVIDER.



1
E3.1

POWER FIRST FLOOR PLAN
3/16" = 1'-0"

3/16" = 1'-0"
0' 1' 2' 4' 8'



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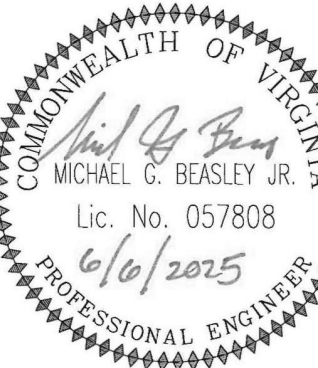


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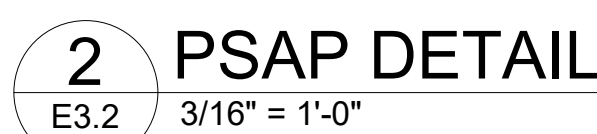
**POWER
ADDITION
FIRST FLOOR
PLAN**

E3

E3.1



1. COORDINATE QUANTITY AND LOCATION OF FLOOR BOXES WITH ARCHITECT. PROVIDE MINIMUM OF TWO DUPLEX AND TWO DATA RECEPTACLES IN EACH FLOOR BOX. COORDINATE CONNECTION TO CONFERENCE ROOM TABLE WITH OWNER. FURNITURE WILL LIKELY REQUIRE HARDWIRED FEED INSTEAD OF RECEPTACLES.
2. COORDINATE EXACT QUANTITY, LOCATION, AND HEIGHT OF TV BOXES WITH OWNER.
3. ELECTRICIAN SHALL BE RESPONSIBLE FOR COORDINATION WITH CASEWORK PROVIDER FOR TERMINATION OF POWER FOR WORKSTATIONS. TYPICAL INSTALLATIONS ARE SHOWN IN THE ATTACHED PHOTOS FOR THE BUILDING DESIGN WORKSTATION PROVIDER FOR POWER. ELECTRICIAN SHALL BE RESPONSIBLE FOR BRINGING POWER UP THROUGH RAISED FLOOR AND TERMINATING IN BOX/CONDUIT AND RECEPTACLE OF APPROPRIATE COLOR (NOT SHOWN IN DETAIL). FOR DATA, ELECTRICIAN SHALL BE RESPONSIBLE FOR PROVIDING BOX AND PULL STRING.
4. COORDINATE RECEPTACLE HEIGHT WITH FINAL RANGE HOOD LOCATION AND DIMENSIONS.
5. PROVIDE POWER AND DATA FOR A COPIER IN WARRANT CLERK 214 AND PSAP 215. CIRCUIT FROM PANEL "EM-3". COORDINATE WITH OWNER FOR EXACT LOCATIONS.
6. FOR TIMECLOCK COMPUTER. COORDINATE EXACT LOCATION WITH OWNER.
7. INDICATED RECEPTACLE IS FOR OWNER'S DISPATCH SYSTEM. COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER. INSTALL DISPATCH SYSTEM LED CONTROLLERS AT THIS LOCATION AS WELL, PROVIDED BY OTHERS.
8. DATA RECEPTACLE FOR CCTV CAMERA. RECESS RECEPTACLE IN WALL AND PROVIDE CONDUIT BACK TO NEAREST ACCESSIBLE CEILING. COORDINATE HEIGHT WITH ARCHITECT.



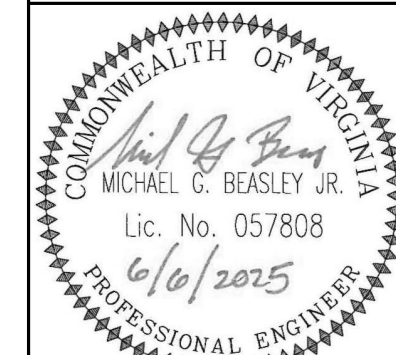
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POWER
ADDITION
SECOND
FLOOR PLAN

ES

E3.2