

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM NO. [1] Date: January 21, 2020

**RE: SCHOOL DISTRICT OF HOLMEN
 VIKING ELEMENTARY SECURE ENTRY
 500 EAST WALL ST.
 HOLMEN, WISCONSIN 54636
 HSR PROJECT NO. 19022**

**FROM: HSR Associates, Inc
 100 Milwaukee Street
 La Crosse, WI 54603
 (608) 784-1830**

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 2020. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] pages, Pre-bid attendance, and [12] 30 x 42 drawings.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

1. Pre-bid attendance attached hereto

CHANGES TO SPECIFICATIONS:

2. Section 07 81 00 APPLIED FIREPROOFING
 - a. 2.03, rated systems as follows:
 - i. 1-hour fire rated spray fire proofing - UL P742 with 1 ½" of thickness.
 - ii. 2-hour fire rated spray fire proofing - UL P742 with 2 ½" of thickness.
3. Section 08 51 13 ALUMINUM WINDOWS
 - a. 2.02, A, 1: Change 4 ½ to 2 ¾.
4. Section 09 30 00 TILING
 - a. 2.02, A: Delete "Satin Brass Anodized". Refer to master Color Schedule for finish of trim.

CHANGES TO DRAWINGS

5. Sheet A090 DEMOLITION PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Keynote 3 should read "REMOVE WALL BELOW WINDOW OPENING TO FOUNDATION."
 - c. Keynote 13 should read "REMOVE EXISTING CASEWORK. SALVAGE TO OWNER."
6. Sheet A300 SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing

7. Sheet A400 ENLARGED PLANS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
8. Sheet A600 WALL TYPES 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Add Wall Type D7.
9. Sheet A601 DOOR SCHEDULE 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. At doors 114A, 114B, 114C, 114D delete Door Schedule Remark 4. There is no work on these doors.
10. Sheet ID101 FINISH FLOOR PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
11. Sheet ID600 MASTER COLOR SCHEDULE 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
12. Sheet M101 MECHANICAL PIPING REMODEL PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
 - b. Revised HWS&R piping going to all Radiant Panels (RP).
 - c. Revised RP-1, RP-3, RP-4 and RP-5 lengths.
13. Sheet M600 HVAC SCHEDULES 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
 - b. Revised Radiant Panel Schedule.
 - c. Revised MBH for Cabinet Unit Heater (CUH-2) in Cab Heater Schedule.
14. Sheet E090 ELECTRICAL REMOVAL PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
15. Sheet E100 ELECTRICAL LIGHTING PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
16. Sheet E101 ELECTRICAL POWER PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.

PRIOR APPROVALS

1. Section 08 33 23 OVERHEAD COILING DOORS: Overhead Door, FireKing.

END OF DOCUMENT 00 90 00

Pre-Bid Meeting Sign-In Sheet

January 14, 2020

PROJECT: SCHOOL DISTRICT OF HOLMEN
 VIKING ELEMENTARY SECURE ENTRY
 500 EAST WALL ST.
 HOLMEN, WISCONSIN 54636
 HSR 19022

BID OPENING: 2:00 PM, January 28, 2020

Name	Company
1. <i>Doug Ramsey</i>	<i>HSR</i>
2. <i>Mike Lorenz</i>	<i>HSR</i>
3. <i>Brad Burke</i>	HSR <i>American</i>
4. <i>Jason Yehrike</i>	<i>Olympic Builders</i>
5. <i>Art Herbst</i>	<i>Mish Electric</i>
6. <i>Kevin Kuderer</i>	<i>B+B Electric</i>
7. <i>Michael Dichtl</i>	<i>Brickl Bros., Inc.</i>
8. <i>MAT LANGE</i>	" " "
9. <i>John Peirce</i>	<i>S Draft Holmen</i>
10. <i>Joe Dwyer</i>	<i>Wieser Brothers</i>
11. <i>Brian Frian</i>	<i>H+R Electric</i>
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	

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Consultant:

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
500 EAST WALL STREET
HOLMEN, WI 54636

Project Title:
Project Number:
Project Date:
Drawn By:

19022

JANUARY 2020

MPL

Key Plan:

Revisions:

Graphic Scale:

VARIES

Last Update:

1/21/2020 10:59:56 AM

A090

REMOVAL GENERAL NOTES:

- A ALL ITEMS SHOWN DASHED ON THIS PLAN SHALL BE COMPLETELY REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE NOTED. REFERENCE MEP SHEETS FOR ALL EQUIPMENT REMOVALS AND MODIFICATIONS. TIME AND METHODS SHALL BE COORDINATED WITH AND AGREED TO BY THE OWNER AND ARCHITECT. THIS SHALL INCLUDE ALL ELECTRICAL, MECHANICAL, OR PLUMBING WITHIN THE REMOVED STRUCTURE. TERMINATE AND CAP MEP AS REQUIRED. DO NOT ABANDON IN PLACE UNUSED CONDUIT, PIPE, ETC. REMOVE COMPLETELY. VERIFY GENERAL CONDITIONS IN FIELD PRIOR TO BIDDING.
- B PREPARATION FOR NEW FINISHES SHALL INCLUDE BUT NOT LIMITED TO REMOVAL OF EXISTING FINISHES, REMOVAL OF TAPE, GLUES (MASTIC), NAILS, ETC. PATCHING OF HOLES AND CRACKS TO PROVIDE AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
- C OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
- D CONTRACTORS SHALL BE REQUIRED TO USE EFFECTIVE MEASURES TO AVOID SPREADING/TRACKING DUST AND DEBRIS OUTSIDE THE WORK SPACE.
- E MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING. COORDINATE WITH LOCAL FIRE MARSHAL AS REQUIRED.
- F CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING, BRACING, ETC. AS REQUIRED FOR THE WORK.
- G SEE MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR ADDITIONAL REMOVAL NOTES AND ITEMS.
- H COORDINATE REMOVAL AND PATCHING WITH MEP DRAWINGS. PATCH TO MATCH EXISTING ADJACENT CONDITIONS.
- J BIDDERS SHALL MAKE EVERY EFFORT TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. INSPECTION HOLES, ETC. CAN BE COORDINATED WITH THE OWNER.
- K COORDINATE STORAGE LOCATIONS FOR SALVAGED EQUIPMENT, ACCESSORIES, ETC. WITH THE OWNER. SALVAGED ITEMS SHALL BE PLACED AT A COMMON LOCATION INDICATED BY OWNER.
- L CONTRACTOR TO INSTALL AND MAINTAIN A DUST ENCLOSURE FOR REMOVAL AND NEW CONSTRUCTION WORK.
- M PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.
- N ALL WALLS SHOWN TO BE REMOVED ARE CONSTRUCTED FROM FLOOR TO DECK ABOVE, UNLESS OTHERWISE NOTED.

REMOVAL PLAN LEGEND:

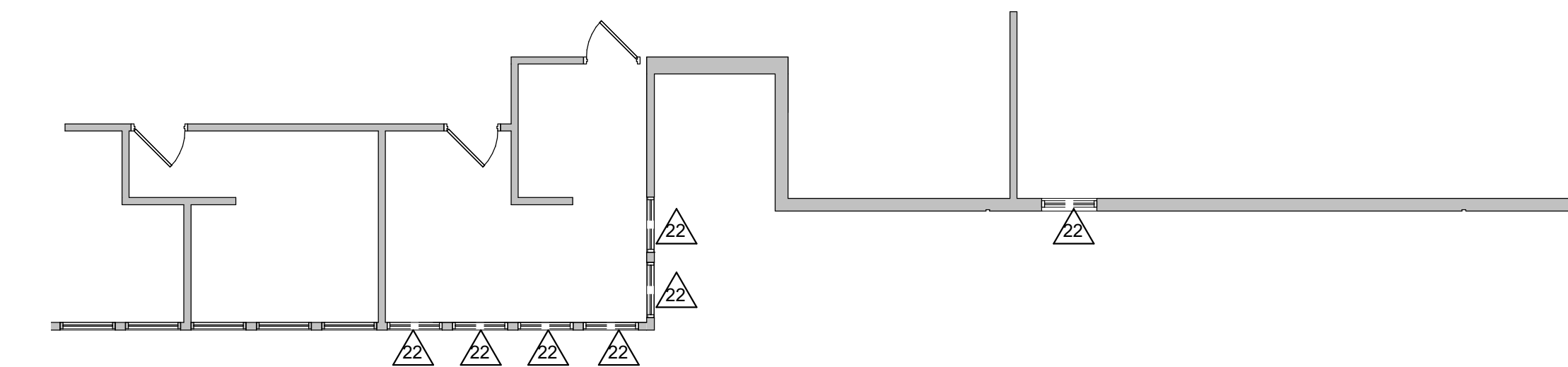
- COL EXISTING COLUMN TO REMAIN
- △ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- ◡ SYMBOL INDICATES FINISH REMOVAL NOTES THIS SHEET
- - - REMOVE ITEMS NOTED WITH DASHED LINES
- - - - - SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE
- ▨ AREA OF CONCRETE SLAB REMOVAL
- VWB VINYL WALL BASE
- VCT VINYL COMPOSITION TILE
- CPT CARPET

KEY NOTES REMOVAL

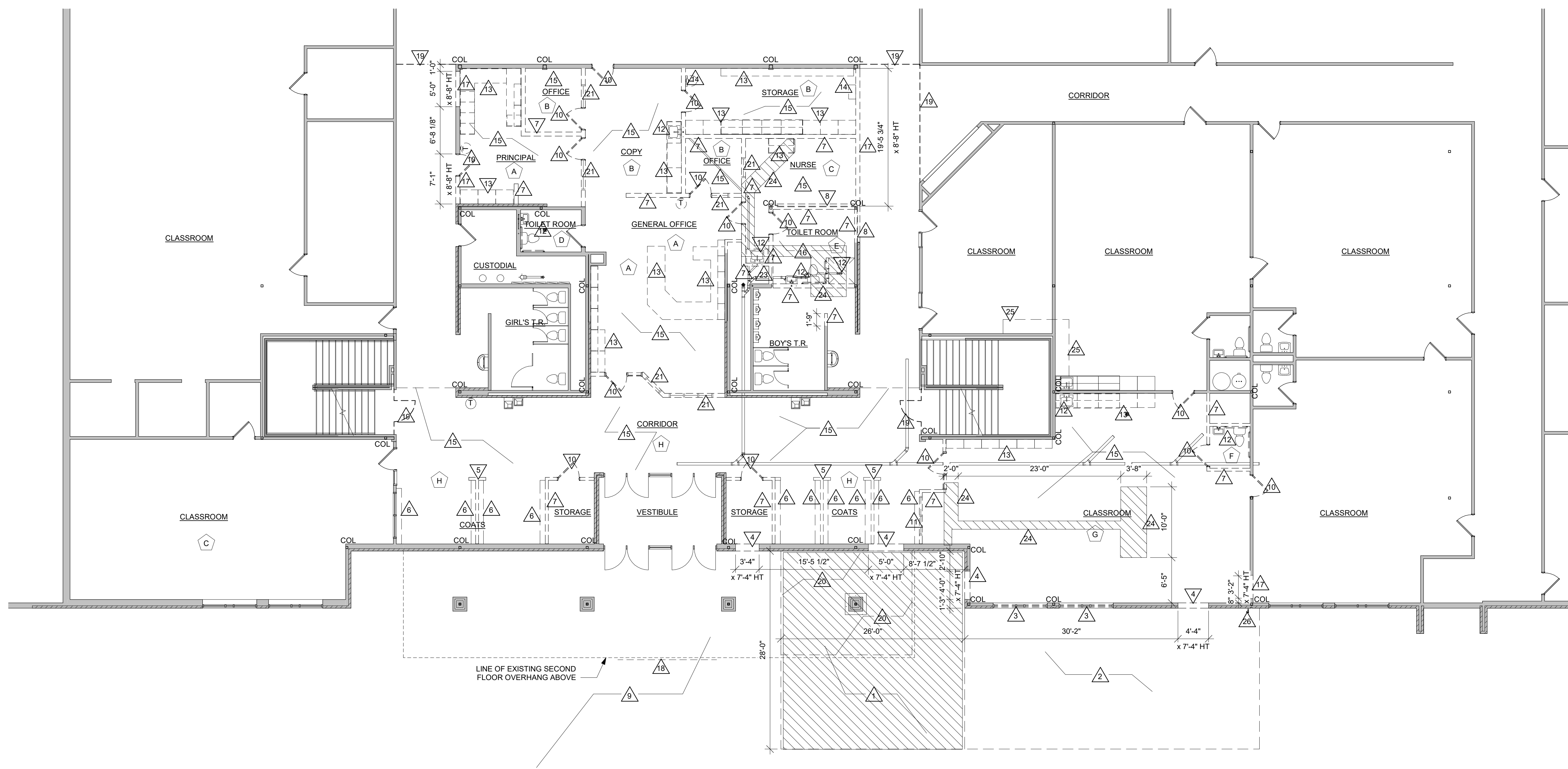
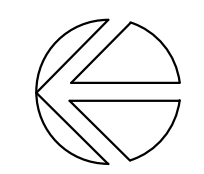
- 1 REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR NEW ADDITION.
- 2 REMOVE EXISTING LANDSCAPING AS REQUIRED FOR NEW ADDITION.
- 3 REMOVE WALL BELOW WINDOW OPENING TO FOUNDATION.
- 4 REMOVE BRICK AND METAL STUD WALL AS INDICATED BY DIMENSIONS SHOWN. REMOVE WALL TO FOUNDATION. SALVAGE BRICK TO TOOTH IN AFTER DOOR INSTALLATION. DIMENSIONS INDICATED ARE R.O. SIZES FOR NEW DOORS/WINDOWS.
- 5 REMOVE PARTIAL HEIGHT WALLS.
- 6 REMOVE EXISTING SHELVES AND BRACKETS.
- 7 REMOVE EXISTING METAL STUD AND GYP BD WALLS FULL HEIGHT.
- 8 REMOVE EXISTING BRICK FULL HT. APPROXIMATELY 10'-0".
- 9 SEE CIVIL FOR EXTENTS OF CONCRETE REMOVAL AT PLAZA.
- 10 REMOVE EXISTING SCWD DOOR AND HM FRAME.
- 11 REMOVE EXISTING HM BORROWED LIGHT.
- 12 REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.
- 13 REMOVE EXISTING CASEWORK. SALVAGE TO OWNER.
- 14 REMOVE ELECTRICAL EQUIPMENT.
- 15 REMOVE EXISTING CEILING TILE AND GRID, LIGHTING, DIFFUSERS, ETC.
- 16 REMOVE EXISTING GYP BD CEILING AND FRAMING.
- 17 REMOVE METAL STUD AND GYP BD WALL TO DIMENSIONS SHOWN AS REQUIRED FOR NEW OPENING.
- 18 REMOVE EXISTING BUILDING LETTERS. SALVAGE TO OWNER.
- 19 TEMPORARY DUST CONTAINMENT WALL. COORDINATE WITH OWNER. PROVIDE EGSS DOORS AT STAIR LOCATIONS.
- 20 REMOVE PLASTER CEILING ABOVE AS REQUIRED FOR NEW EXTERIOR WALLS AND FIRE PROOFING.
- 21 REMOVE EXISTING HM BORROWED LIGHTS.
- 22 REMOVE EXISTING ALUMINUM FRAME WINDOWS AND SILLS.
- 23 REMOVE EXISTING PLUMBING ACCESS PANEL.
- 24 REMOVE EXISTING CONCRETE SLAB FOR TRENCHING. COORDINATE EXACT LOCATIONS WITH PLUMBING.
- 25 CAREFULLY REMOVE EXISTING CEILING TILE AND GRID AS REQUIRED FOR ABOVE CEILING WORK. REPLACE WHEN WORK IS COMPLETE.
- 26 REMOVE EXISTING WALL HYDRANT- SEE PLUMBING.

FINISH REMOVAL NOTES

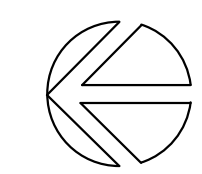
- A CARPET, VWB, BRICK/ GYP BD, 2x2 ACT
- B CARPET, VWB, GYP BD 2x2 ACT
- C VCT, VWB, GYP BD, 2x2 ACT
- D PORCELAIN TILE, PORCELAIN TILE, PORCELAIN TILE, GYP B
- E PORCELAIN TILE, PORCELAIN TILE, GYP BD, GYP BD
- F PORCELAIN TILE, PORCELAIN TILE, PORCELAIN TILE/GYP BD, VINYL GYP
- G GYP/ACT, VWB, GYP BD, 2x4 ACT
- H TERRAZO, BRICK/VWB, GYP BDBRICK, 2x4 ACT



2 DEMOLITION PLAN- SECOND FLOOR
1/8" = 1'-0"



1 DEMOLITION PLAN- FIRST FLOOR
1/8" = 1'-0"





Consultant:

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
500 EAST WALL STREET
HOLMEN, WI 54636
SECTIONS

Project Title:
Project Location:

HSR Project Number:
19022

Project Date:
JANUARY 2020

Drawn By:
MPL

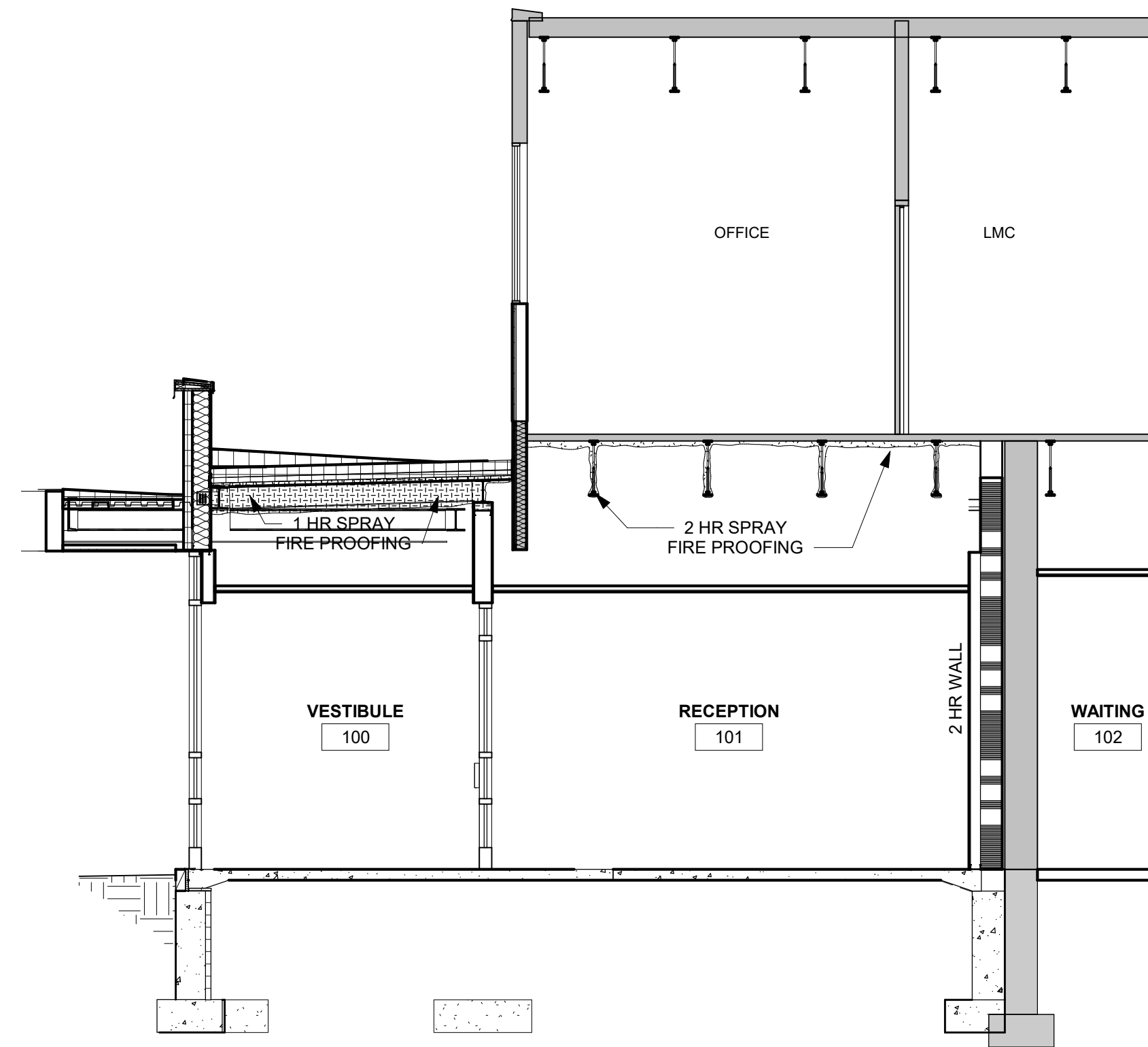
Key Plan:

No.	Description	Date
A01	Addendum 1	01-21-20

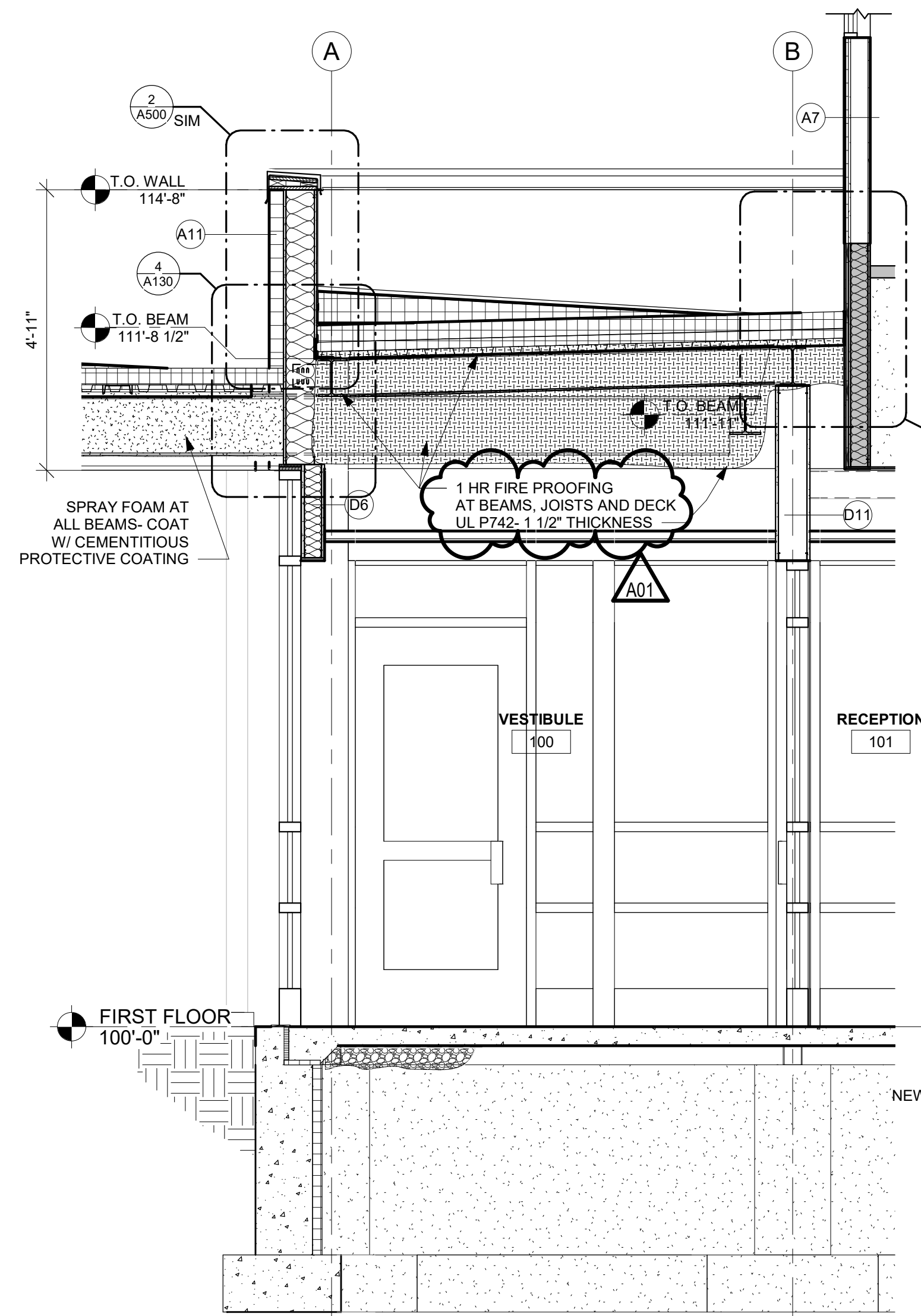
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VARIES

Last Update:
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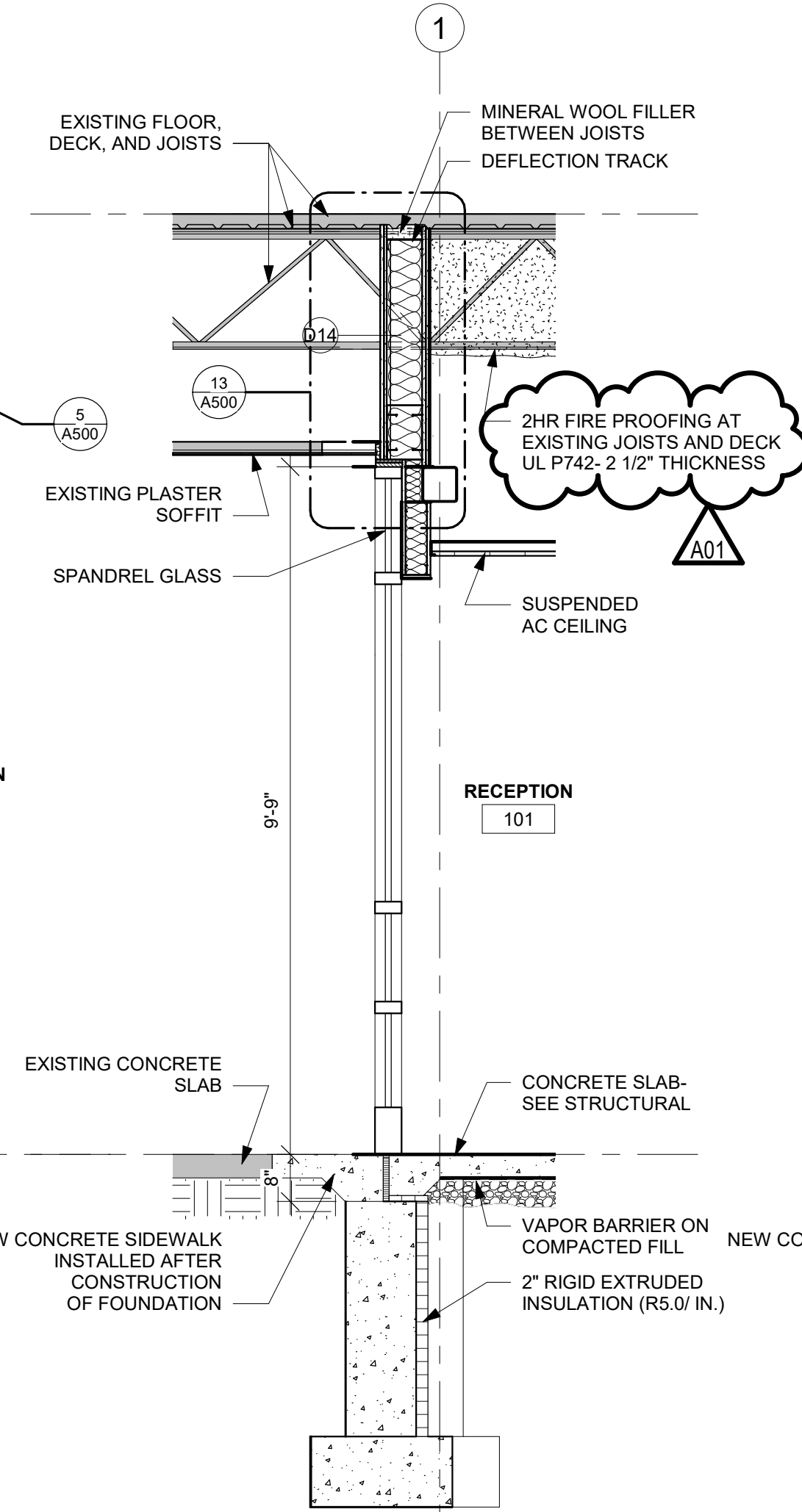
A300



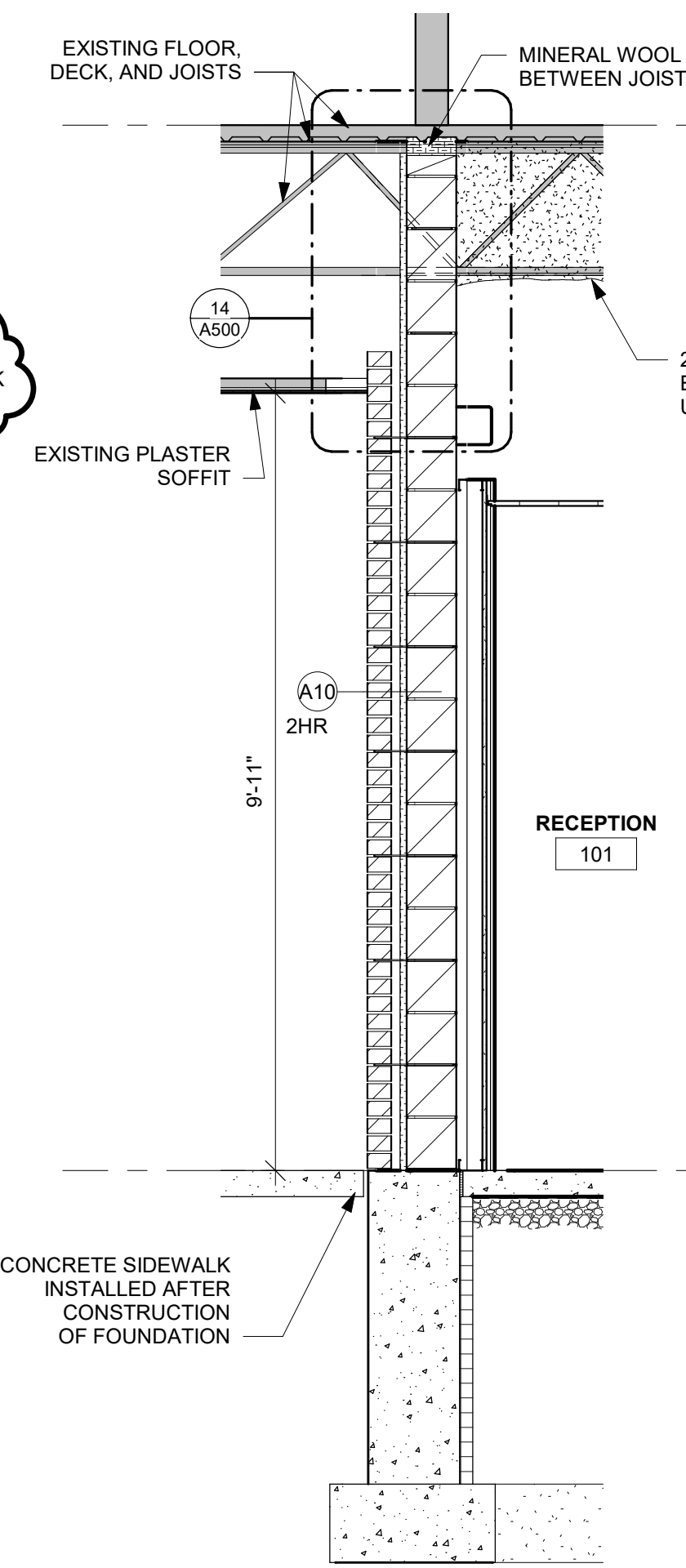
1 BUILDING SECTION
1/4" = 1'-0"



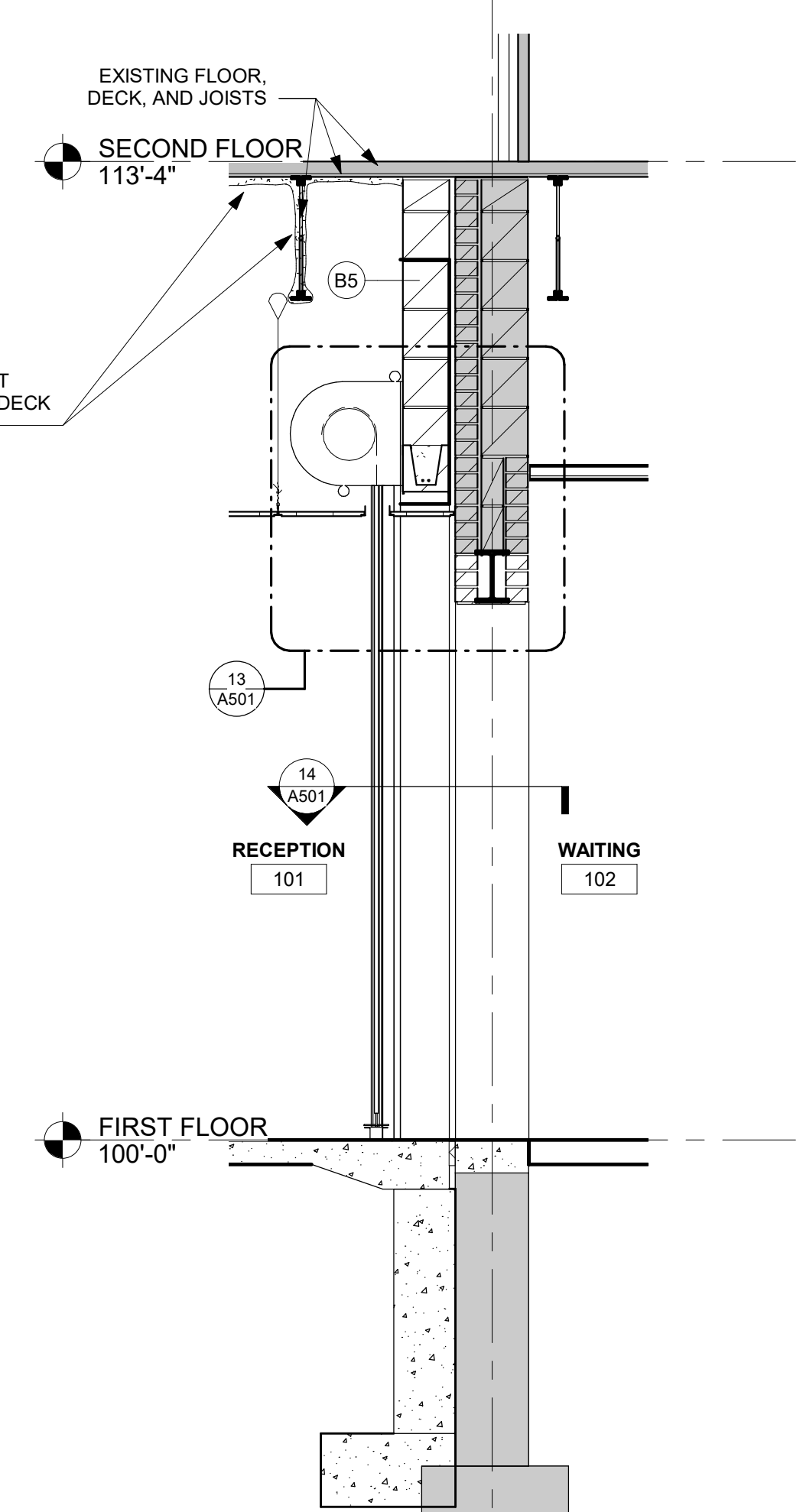
2 WALL SECTION
1/2" = 1'-0"



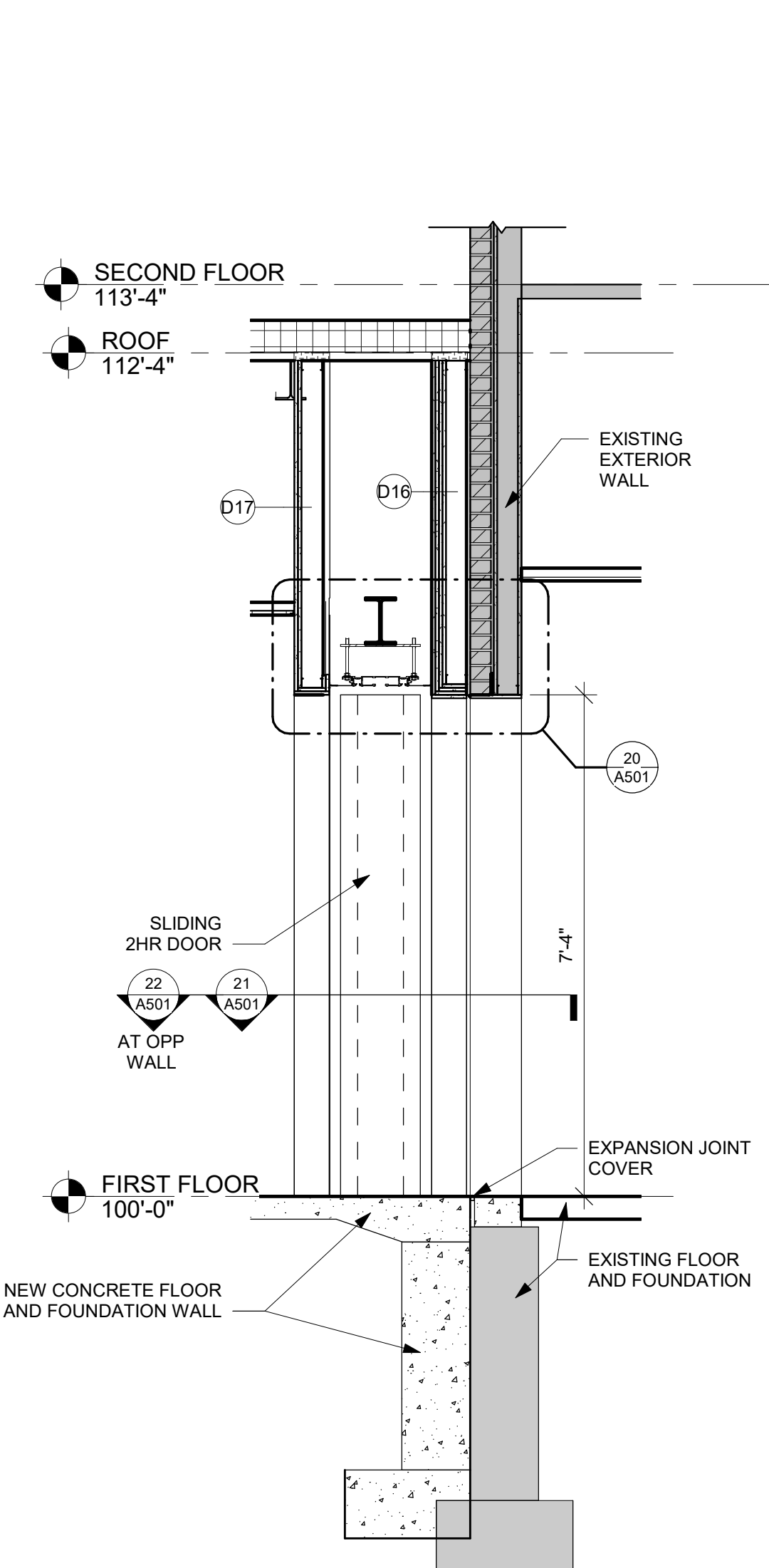
3 WALL SECTION
1/2" = 1'-0"



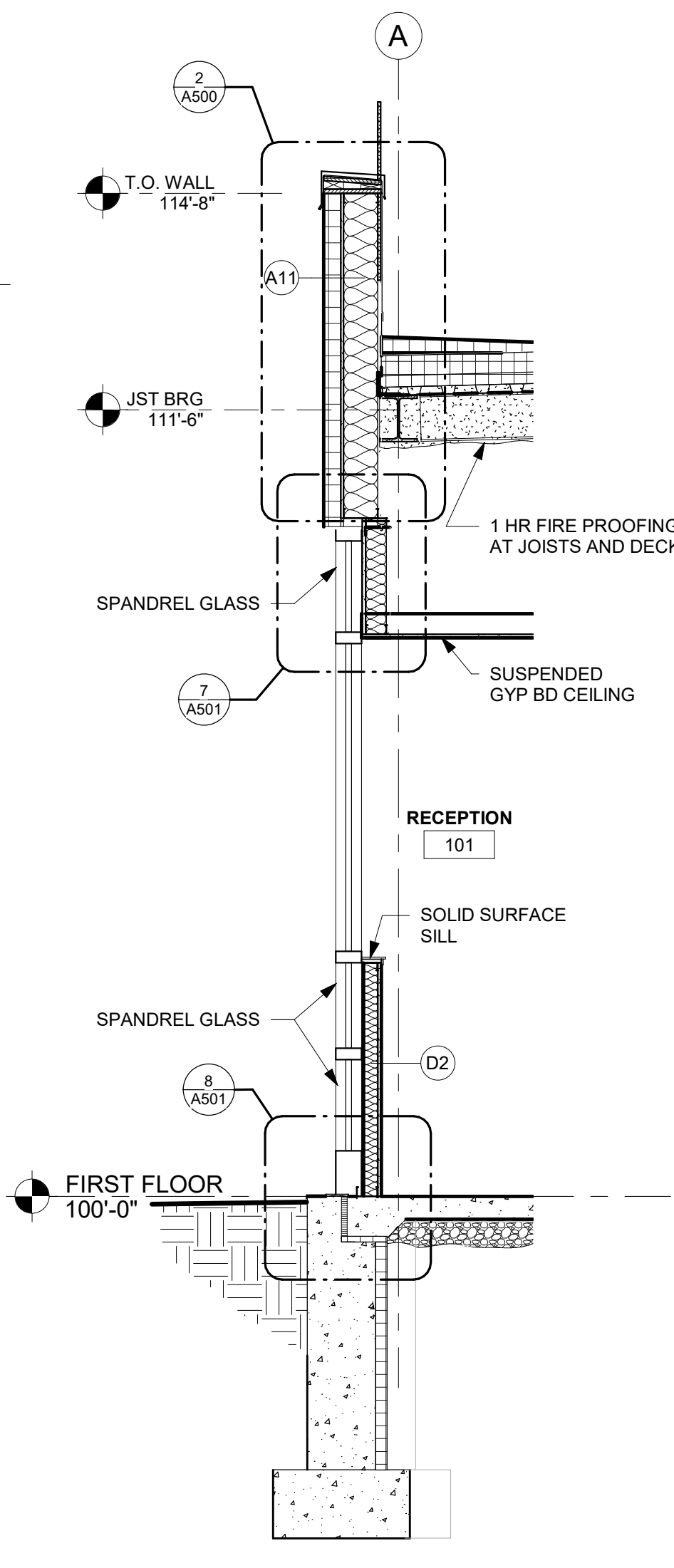
4 WALL SECTION
1/2" = 1'-0"



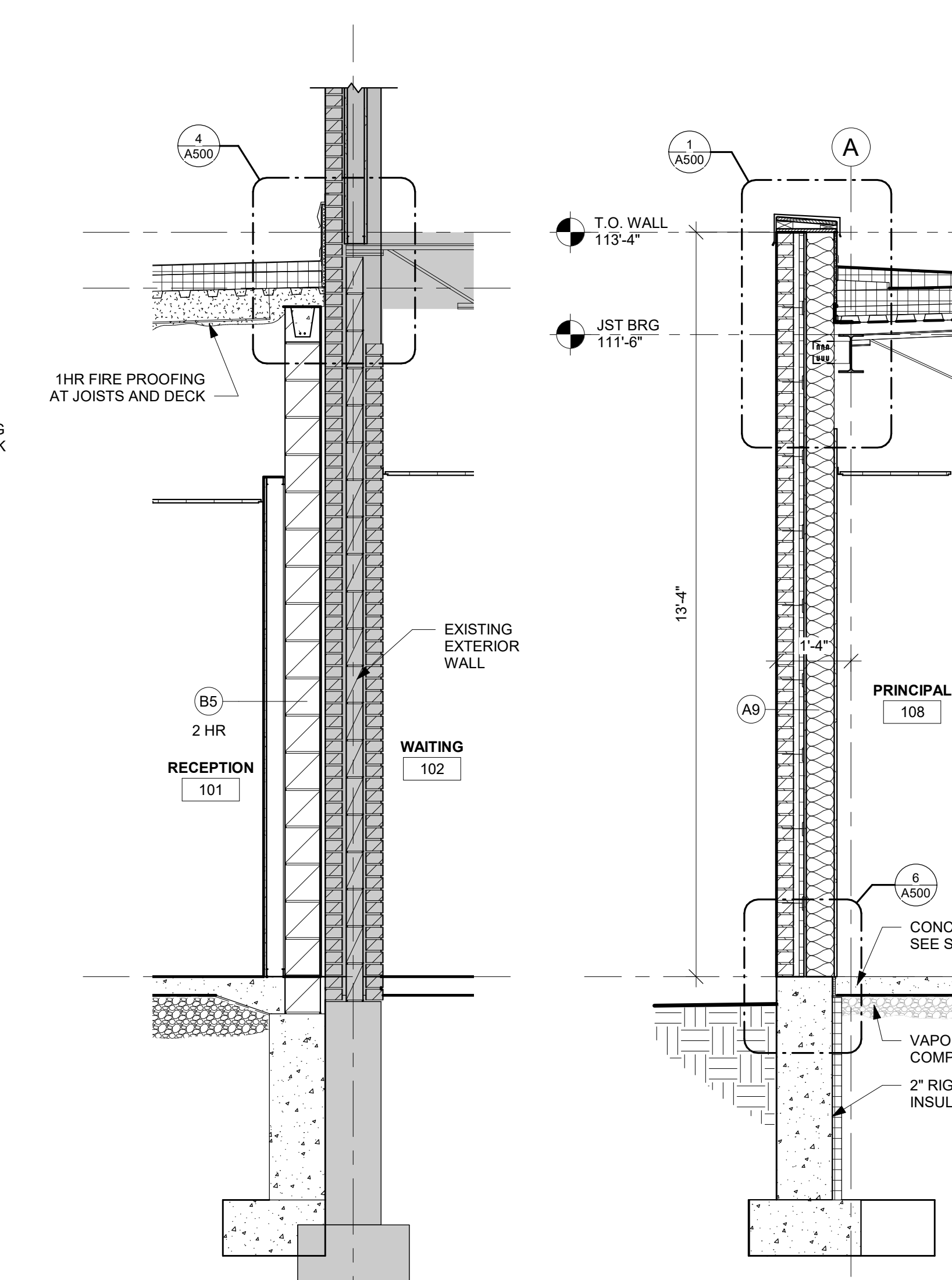
5 WALL SECTION
1/2" = 1'-0"



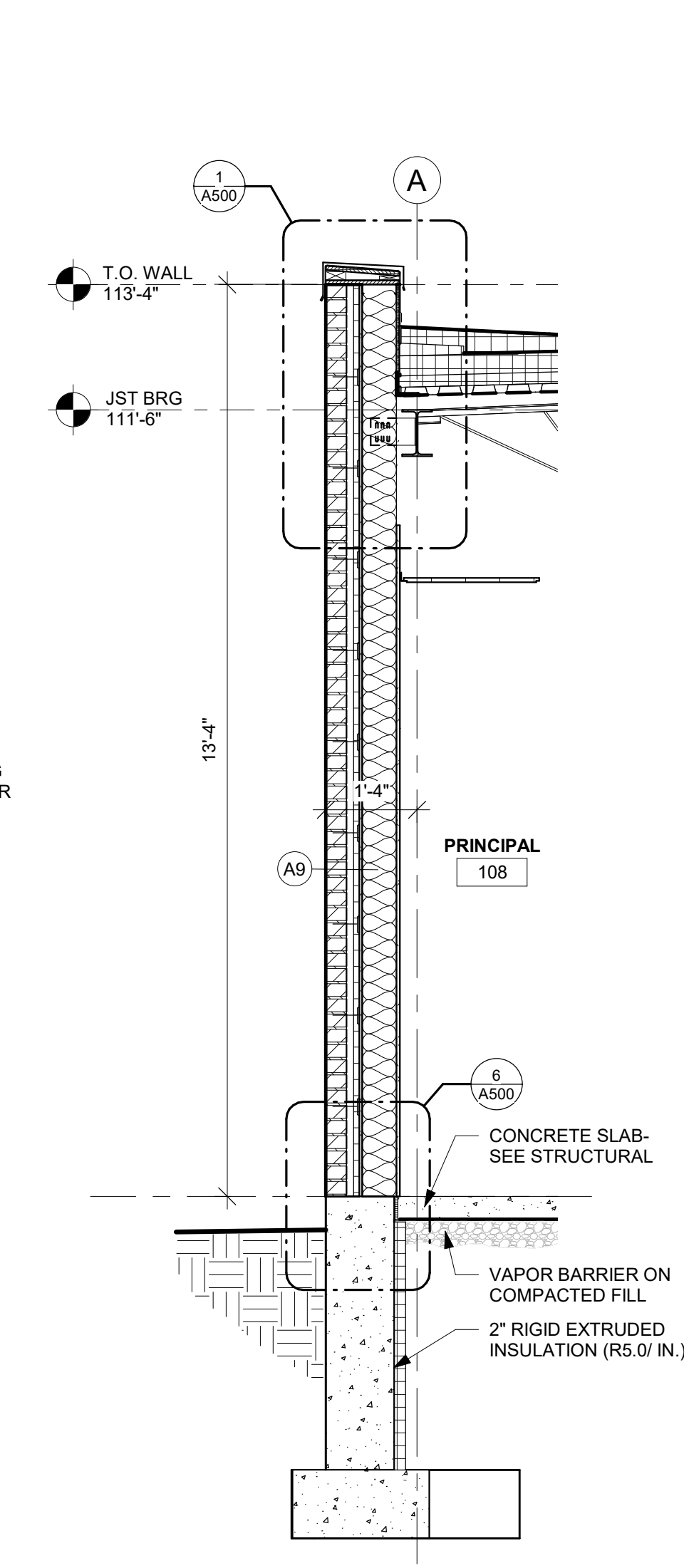
6 WALL SECTION
1/2" = 1'-0"



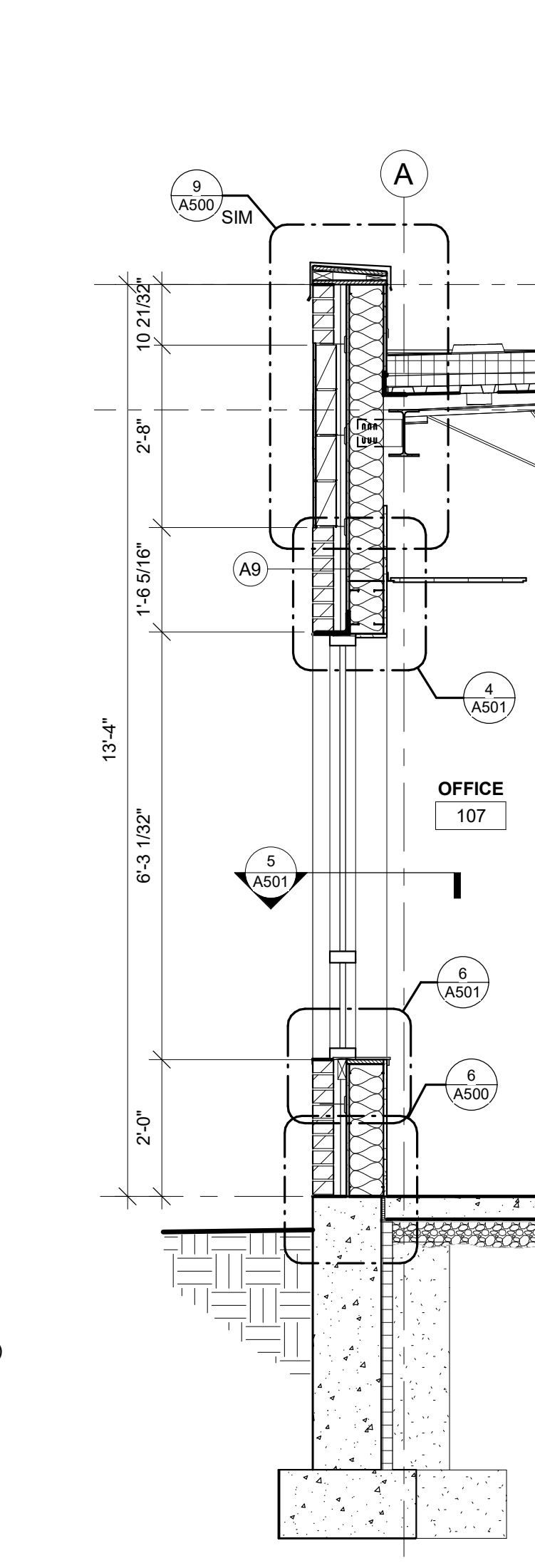
7 WALL SECTION
1/2" = 1'-0"



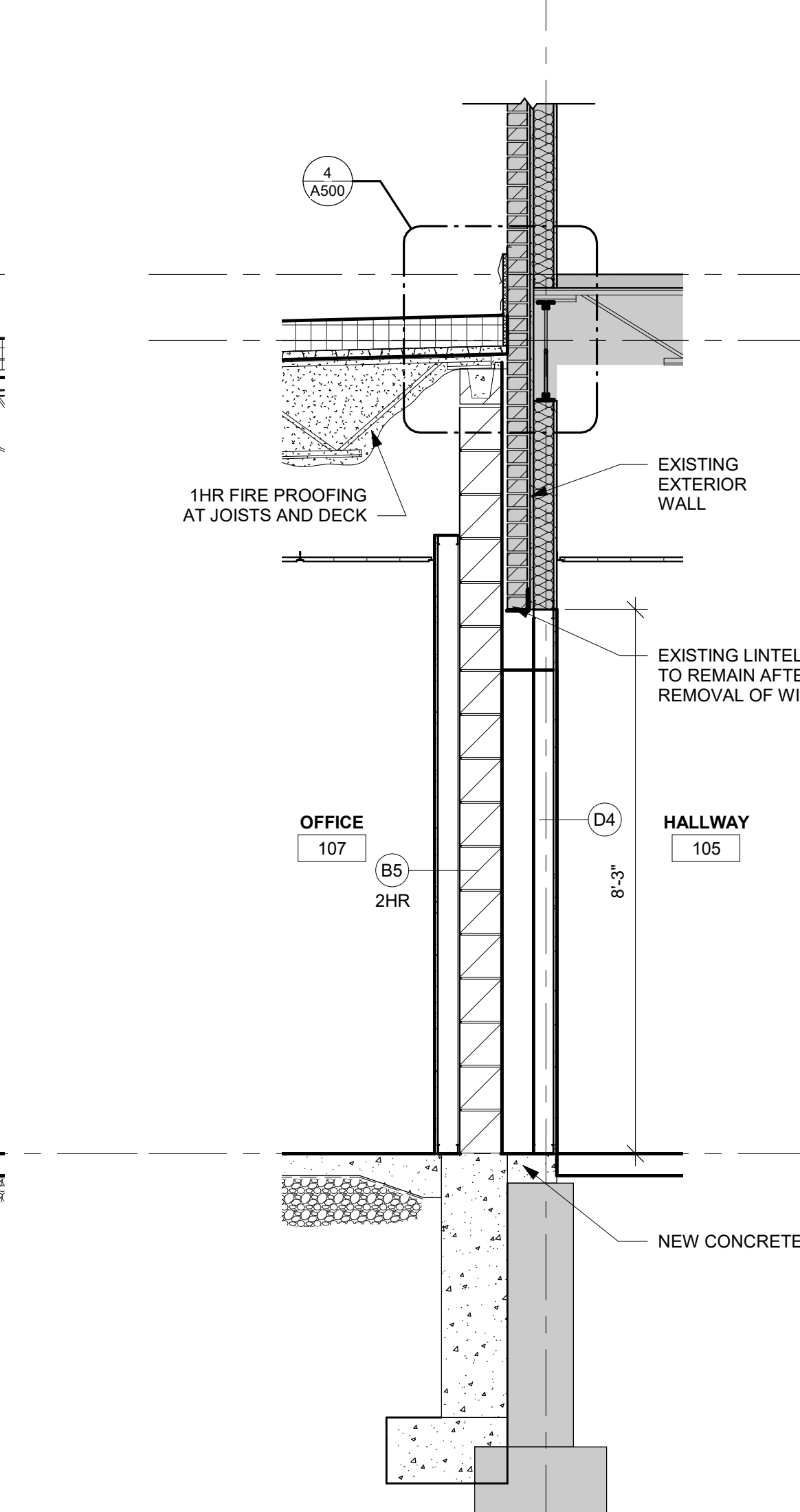
8 WALL SECTION
1/2" = 1'-0"



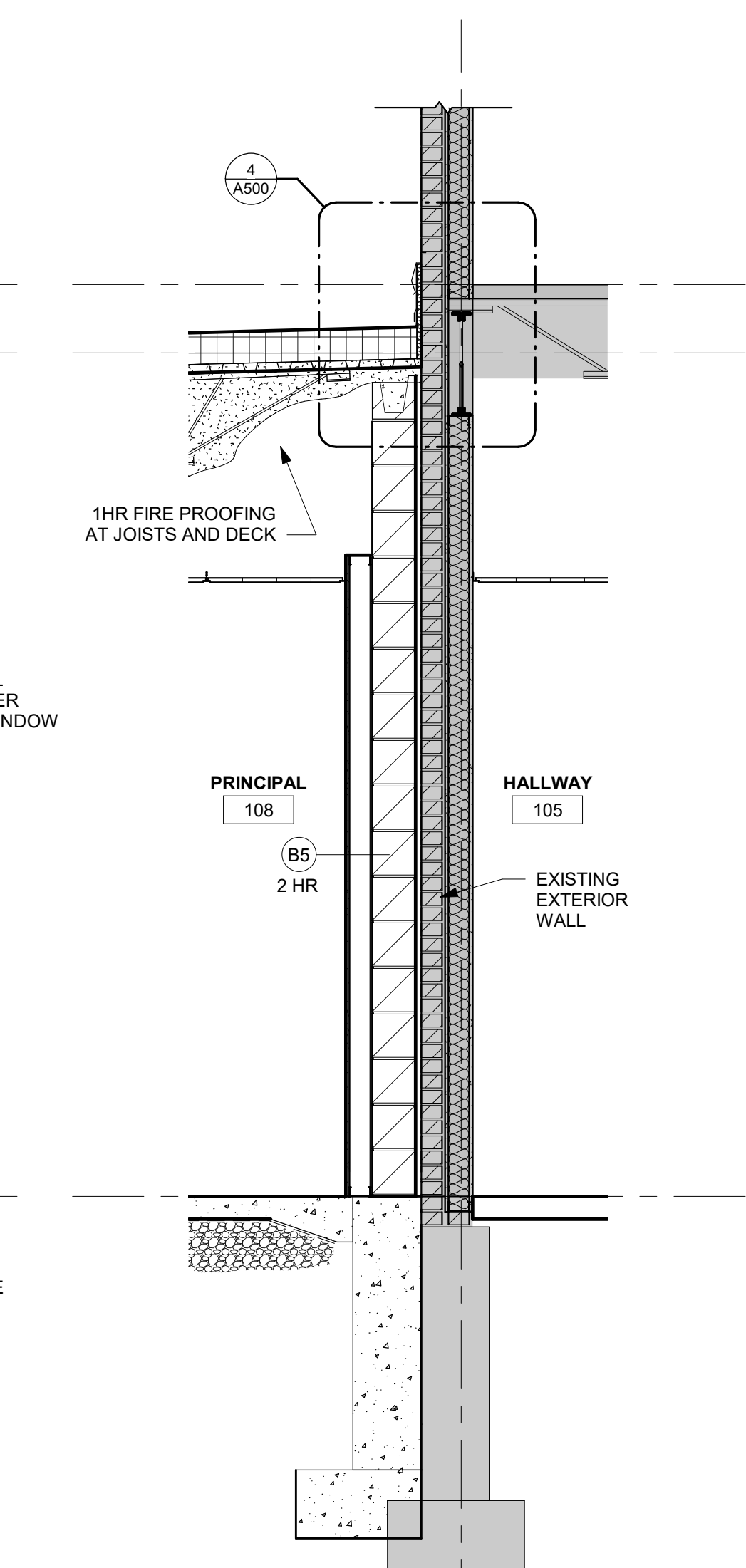
9 WALL SECTION
1/2" = 1'-0"



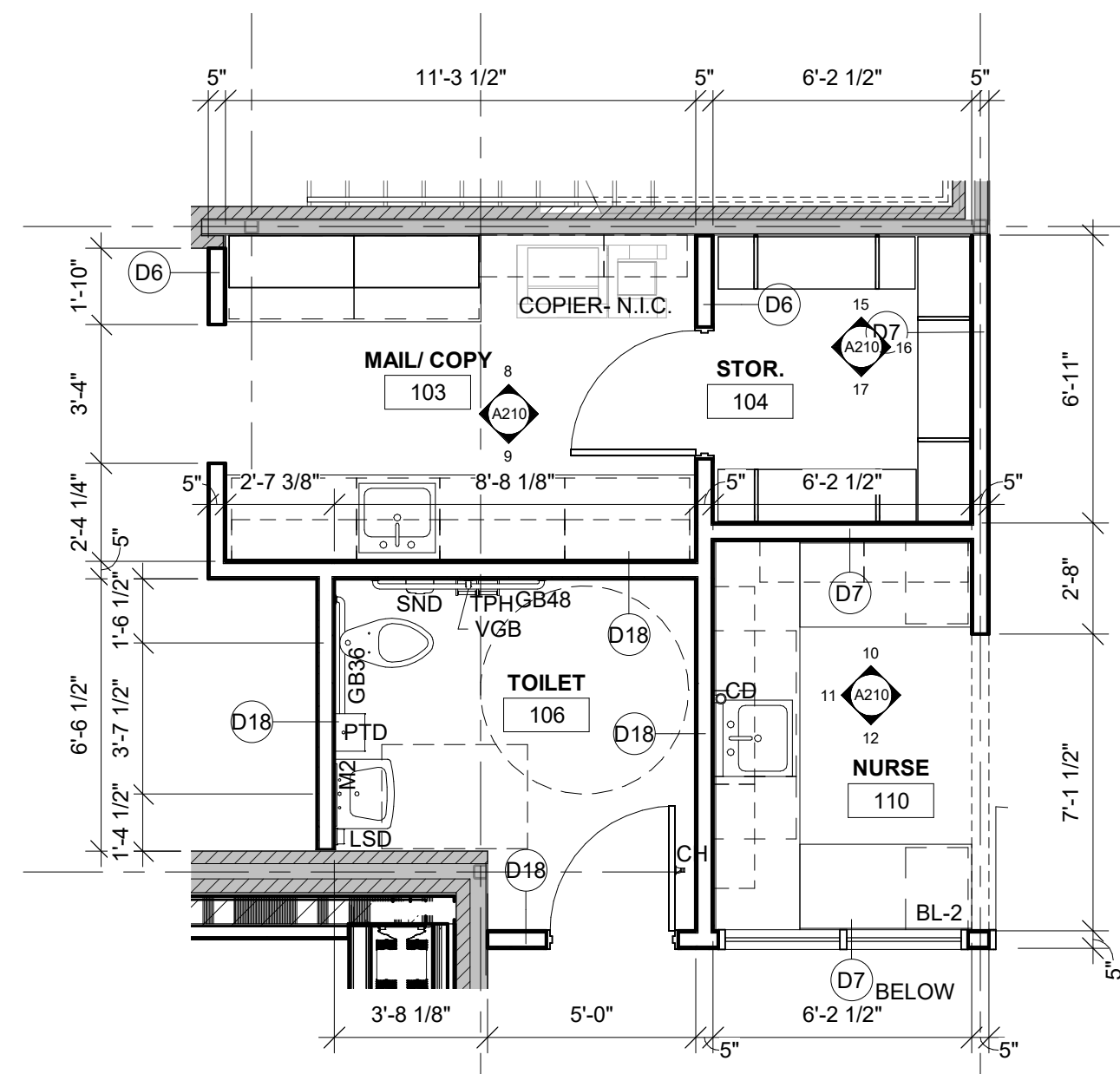
10 WALL SECTION
1/2" = 1'-0"



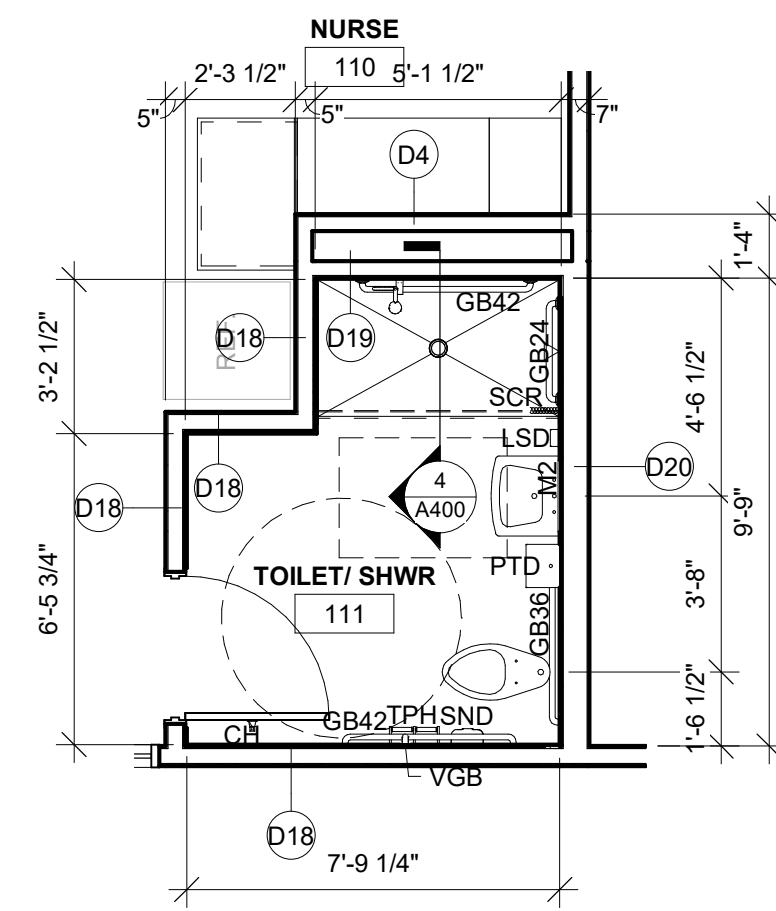
11 WALL SECTION
1/2" = 1'-0"



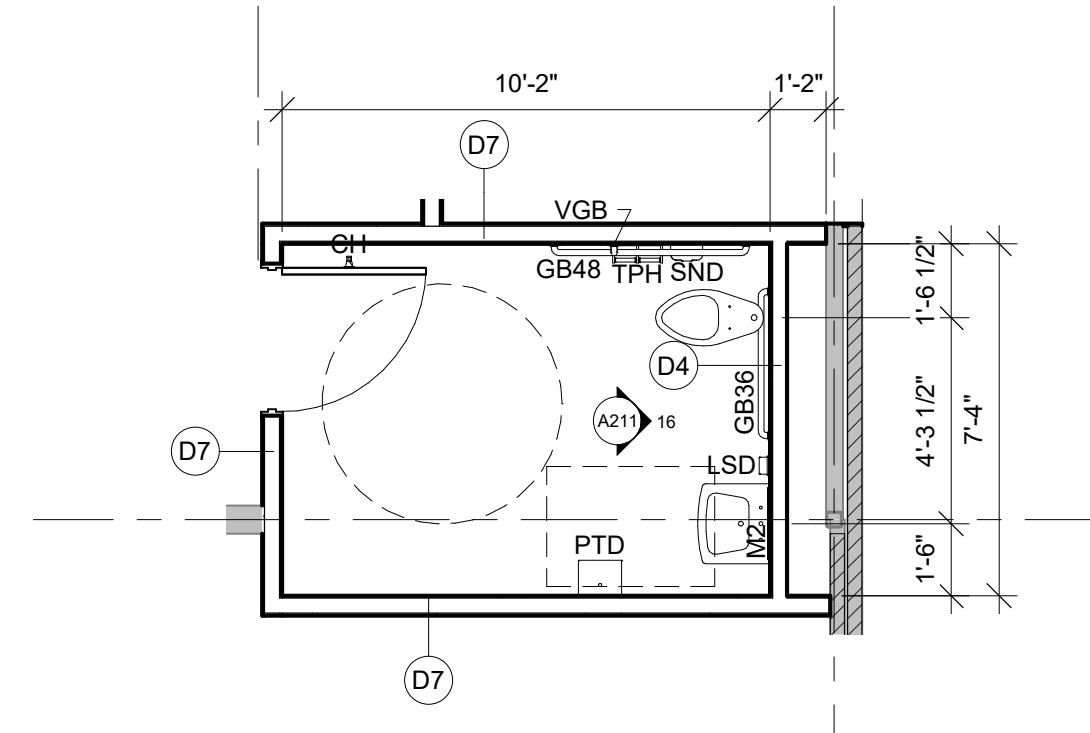
12 WALL SECTION
1/2" = 1'-0"



1 ENLARGED PLAN
1/4" = 1'-0"



2 ENLARGED TOILET ROOM
1/4" = 1'-0"

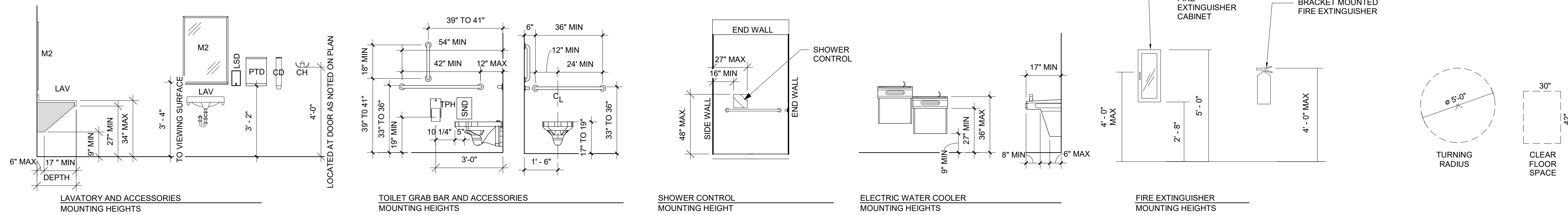


3 ENLARGED TOILET ROOM
1/4" = 1'-0"

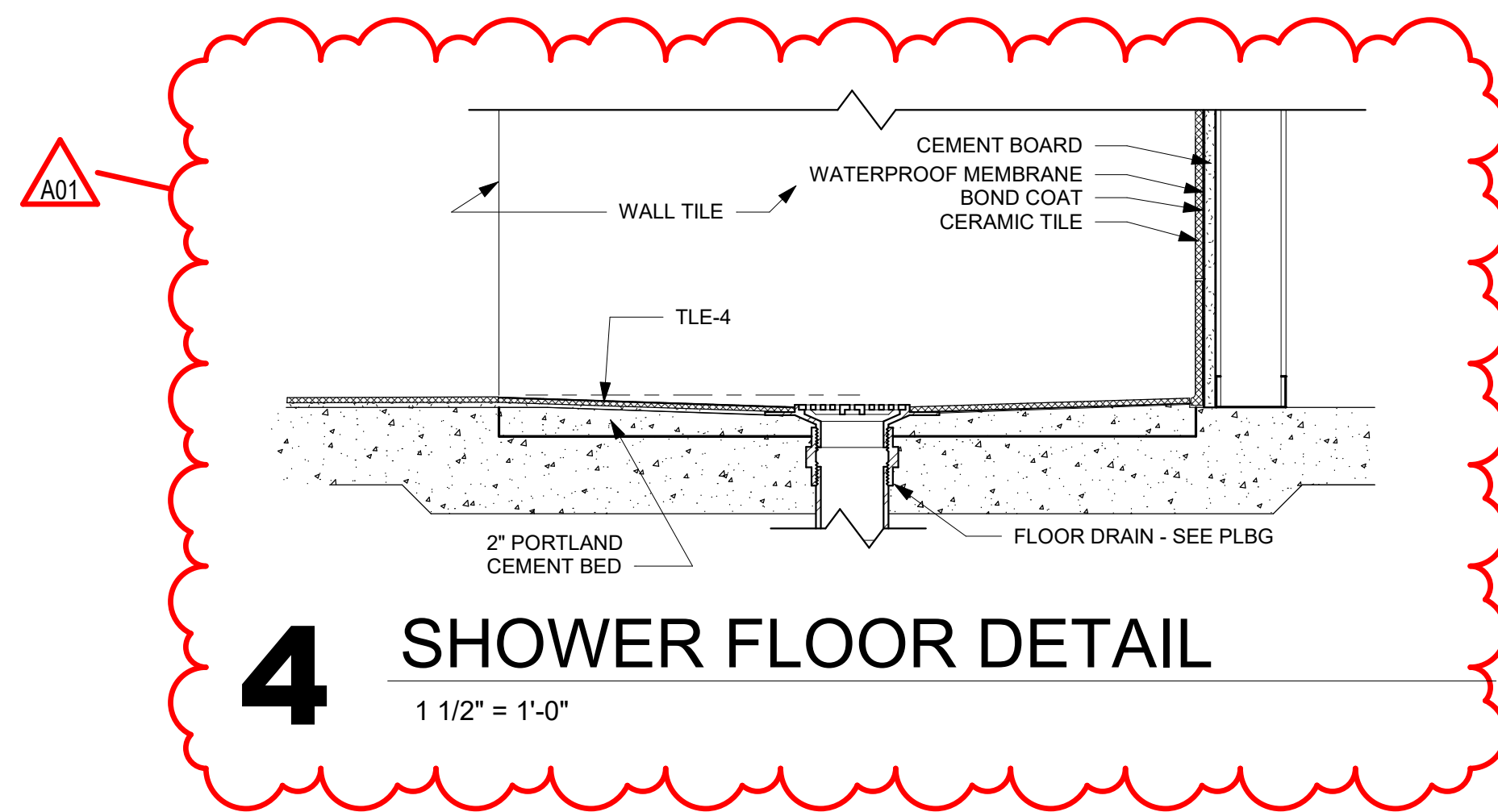
ACCESSORY SCHEDULE

ABBREVIATION	ITEM	OWNER	PROVIDED	PLANNED	INSTALLED	INSTALLED
CD	CUP DISPENSER		X			X
CH	COAT HOOK (DOUBLE)			X		X
GB-36	1 1/2" DIA. GRAB BAR- 36" LONG- SEE PLAN FOR CONFIGURATION			X		X
GB-48	1 1/2" DIA. GRAB BAR- 48" LONG- SEE PLAN FOR CONFIGURATION			X		X
LSD	LIQUID SOAP DISPENSER		X			X
M2	18"W x 36"H MIRROR WITH FRAME			X		X
PTD	PAPER TOWEL DISPENSER		X			X
SCR	SHOWER CURTAIN AND ROD		X			X
SND	SANITARY NAPKIN DISPOSAL- SURFACE MOUNT			X		X
TPH	TOILET PAPER HOLDER		X			X
VGB-18	1 1/2" DIA. VERTICAL GRAB- 18" LONG			X		X

- ACCESSORY SCHEDULE GENERAL NOTES:
- SEE ELEVATIONS FOR MOUNTING HEIGHTS.
 - CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
 - SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
 - PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED.
 - COORDINATE ALL OWNER PROVIDED FIXTURES FOR BLOCKING, MOUNTING HEIGHTS, POWER AND PLUMBING REQUIREMENTS.
 - INSTALL BLOCKING AT ALL WALL MOUNTED ACCESSORIES.



ACCESSIBLE MOUNTING HEIGHTS



4 SHOWER FLOOR DETAIL
1 1/2" = 1'-0"

Consultant:

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
ENLARGED PLANS

Project Title:
Project Location: 500 EAST WALL STREET
HOLMEN, WI 54636

HSR Project Number: 19022
Project Date: JANUARY 2020
Drawn By: MPL

Key Plan:

Revisions:

No.	Description	Date
A01	Addendum 1	01-21-20

Graphic Scale: VARIES
Last Update: 1/21/2020 10:00:11 AM



Consultant:

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
WALL TYPES

Project Location: 500 EAST WALL STREET
HOLMEN, WI 54636

Project Number: 19022

Project Date: JANUARY 2020

Drawn By: MPL

Key Plan:



Revisions:

No.	Description	Date
A01	Addendum 1	01-21-20

Graphic Scale: VARIES

Last Update: 1/21/2020 12:14:00 PM

A600

- GENERAL WALL TYPE NOTES:**
- A REFER TO MASTER COLOR SCHEDULE AND INTERIOR DESIGN SHEETS FOR ADDITIONAL WALL FINISHES.
 - B WHERE INTERIOR DESIGN SHEETS INDICATE WALL TILE, INSTALL BACKER BOARD AT WET AND NON-WET LOCATIONS AS LISTED IN 09 21 16
 - C NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURRING MAY STOP 4" ABOVE CEILING.
 - D EXTEND STUDS, GYP BOARD AND SOUND BLANKET TO DECK ABOVE AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING). LEVEL OF FINISH ABOVE CEILING AS NOTED IN SECTION 09 21 16
 - E AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING) APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT FLOOR/CEILING TRACK STUDS AND STUD AT WALL. APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT PERIMETER OF GYP BOARD HOLDING EDGE OF GYP BOARD AWAY FROM ADJACENT STRUCTURE NO MORE THAN 3/8" SEAL ALL ME/FP/P PENETRATIONS WITH SOUND BLANKET, BACKING, ACOUSTICAL SEALANT AND FIRE STOPPING. AFTER INSTALLING ONE SIDE OF GYP BOARD, APPLY OVERSIZED 2" SOUND BLANKET OVER BACK SIDE OF ELECTRICAL BOXES AND SIMILAR PENETRATIONS, WHERE WALL BOXES OCCUR AT OPPOSITE SIDES, APPLY INSULATION TO BACKSIDE OF WALL BOXES. AT FIRE RATED WALLS REQUIRING SOUND CONTROL, USE PUTTY PADS FOR REQUIRED WALL RATING. REFER TO TOP OF WALL DETAILS FOR INSTALLATION OF ADDITIONAL MATERIALS AT DECK AND APPLICATION OF RATED TOP OF WALL ASSEMBLIES.
 - F INSTALL GYPSUM BOARD CONTROL JOINTS AT TOP OF ALL INTERIOR TOP OF DOOR JAMBS TO TOP OF GYPSUM BOARD WALLS. OTHER CONTROL JOINTS TO BE INSTALLED PER PLAN OR AT 30'-0" O.C. MAX. REVIEW LOCATION REQUIREMENTS WITH A/E PRIOR TO START OF INSTALLATION OF GYPSUM BOARD ASSEMBLIES.
 - G WHERE FIRE RATED WALLS ARE INDICATED BY WALL TYPE, USE UL OR EQUIVALENT APPROVED RATING SYSTEM INCLUDING TOP OF WALL AND PENETRATIONS.

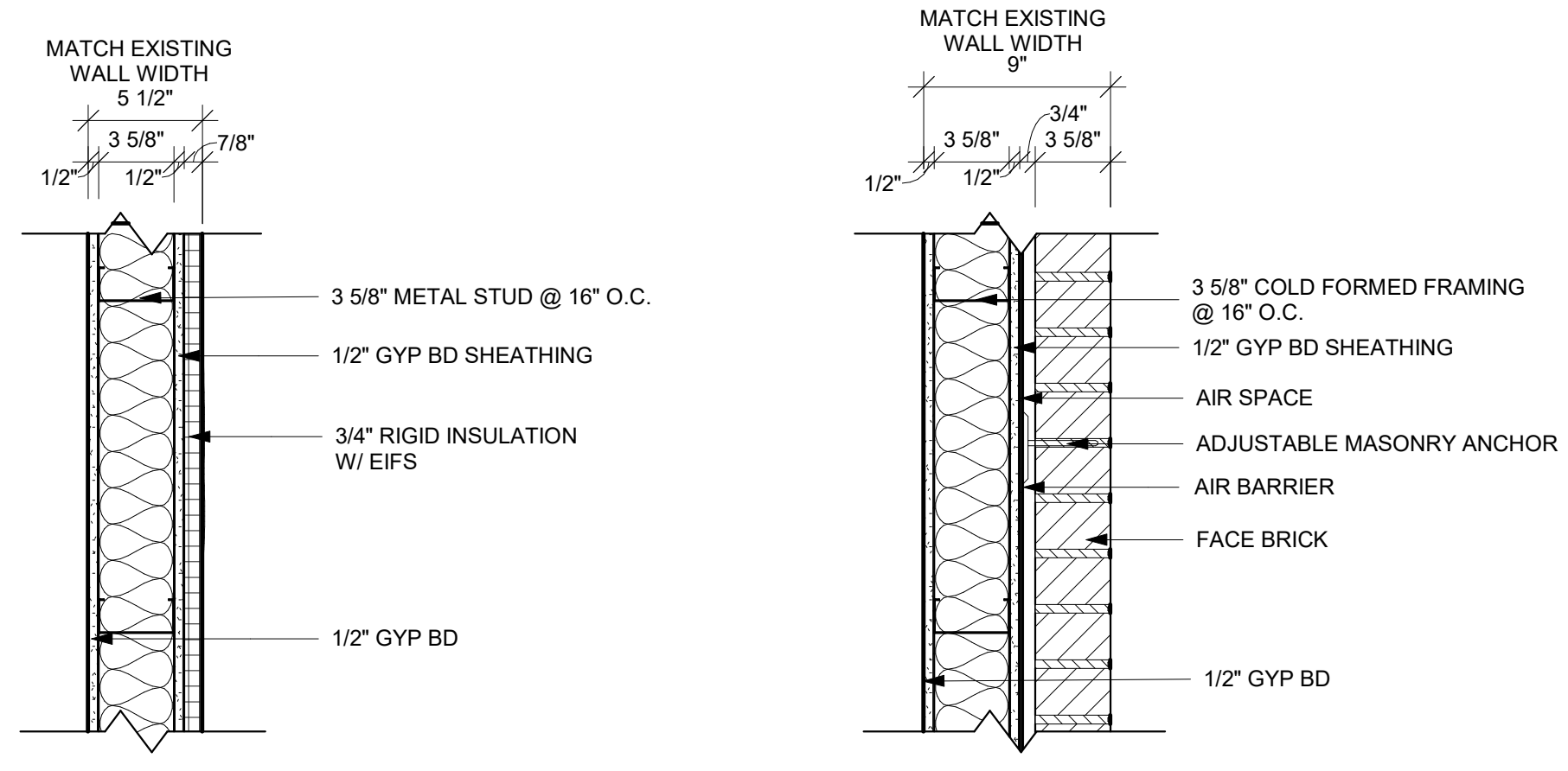
RATED CMU WALL TABLE:

HOURS	MINIMUM 2.8 EQUIVALENT WALL THICKNESS
1 HOUR	MINIMUM 2.8 EQUIVALENT WALL THICKNESS
2 HOUR	MINIMUM 4.2 EQUIVALENT WALL THICKNESS

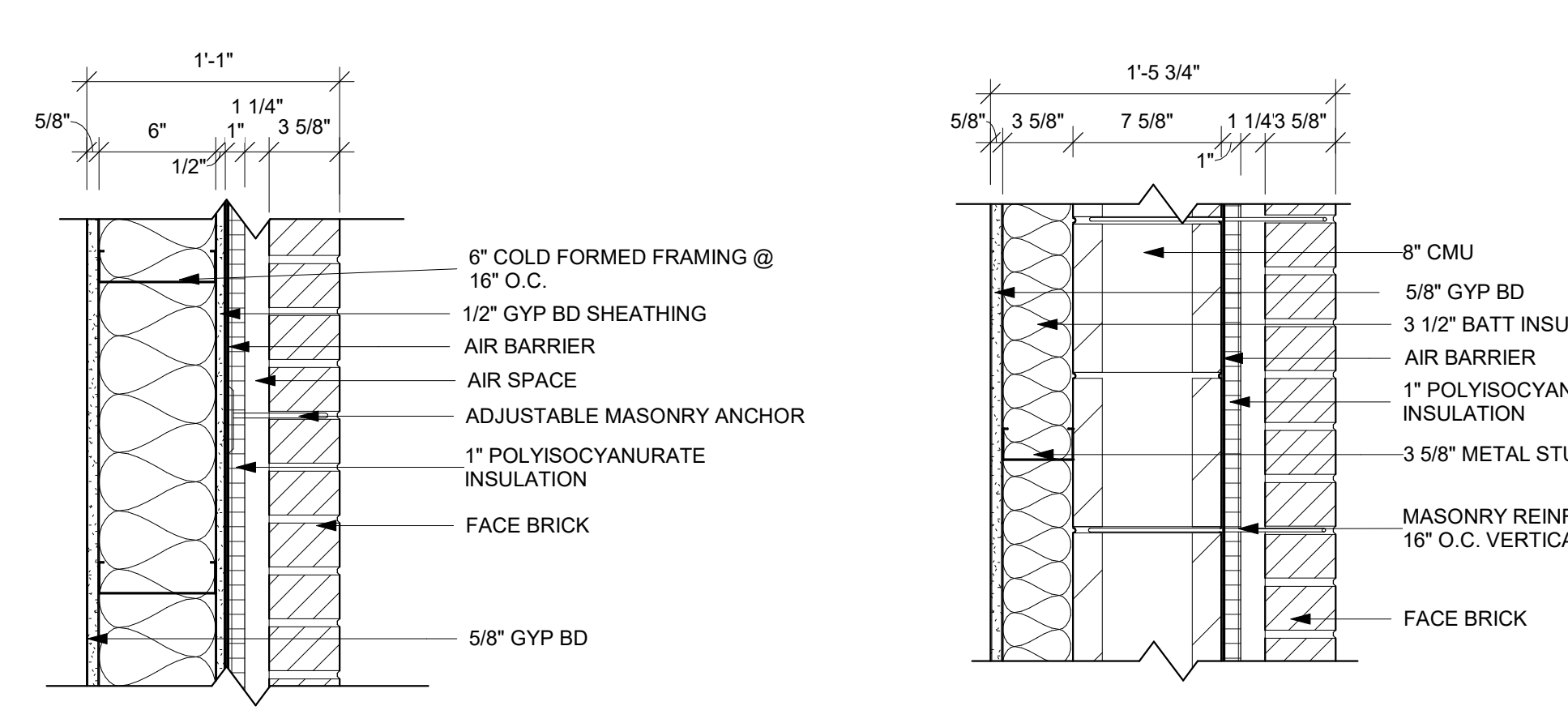
WALL ASSEMBLY R-VALUE COMPONENT TABLE:

COMPONENT	R-VALUE
FILM (INSIDE)	.68
5/8" GYP BOARD	.52
6" MTL STUD	-.1
8" CMU	1.11
CONCRETE	.08 PER INCH (vault), .11 PER INCH (foundation)
5/8" GYP SHEATH	.69
FILM (OUTSIDE)	.17
RIGID FOAM	6 PER INCH
BATTS- 6"	.19
BATTS- 3 1/2"	.13
DEAD AIR	.85
BRICK	.44
STONE	.44
MTL PANEL	.62

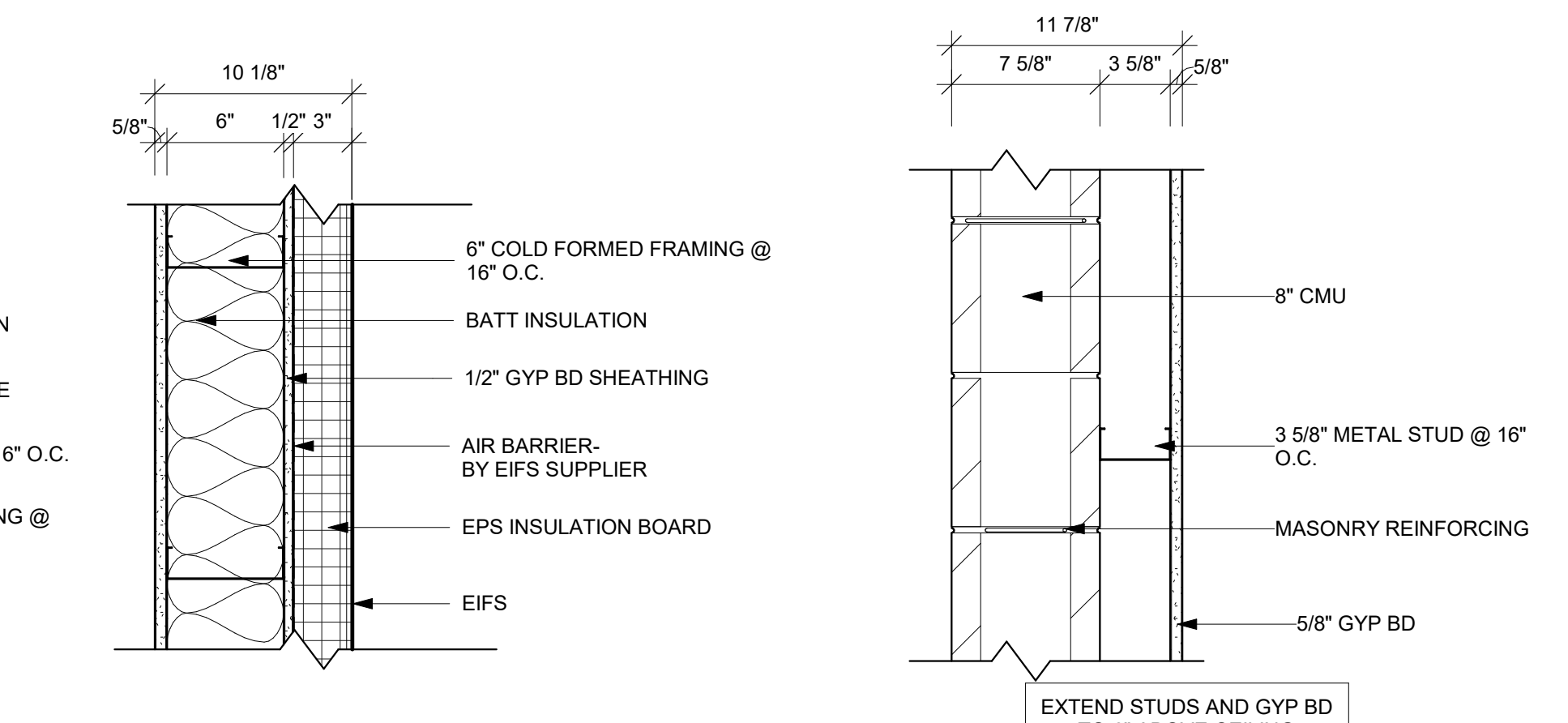
SEE WALL TYPE FOR TOTAL WALL R-VALUE



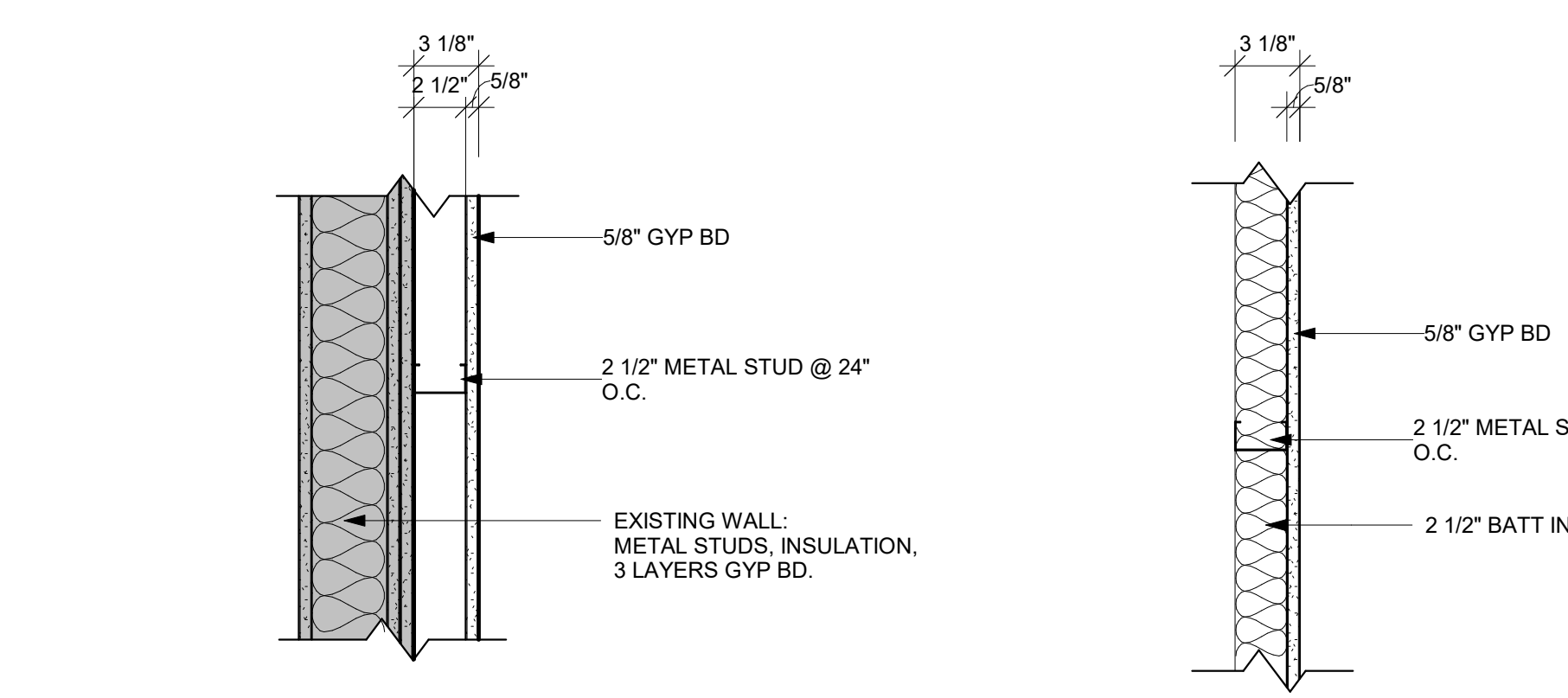
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	R-VALUE	NOTES
		ACTUAL	NOMINAL			
A7	16" O.C.	5 1/2"	6"		16.67	
A8	16" O.C.	9"	9"		16.67	



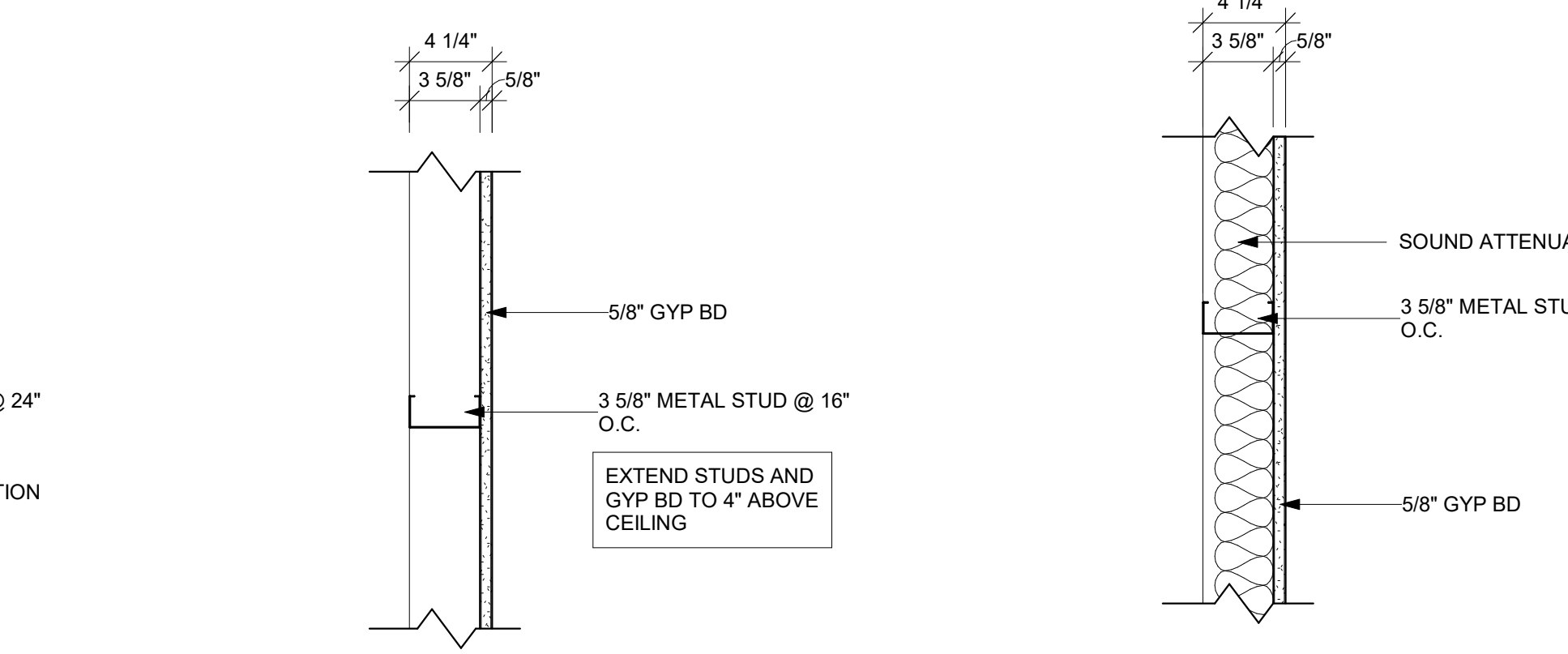
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	R-VALUE	NOTES
		ACTUAL	NOMINAL			
A9	16" O.C.	1'-1"	1'-0"		27.67	
A10	16" O.C.	1'-5 3/4"	1'-6"	2 hr	23.94	



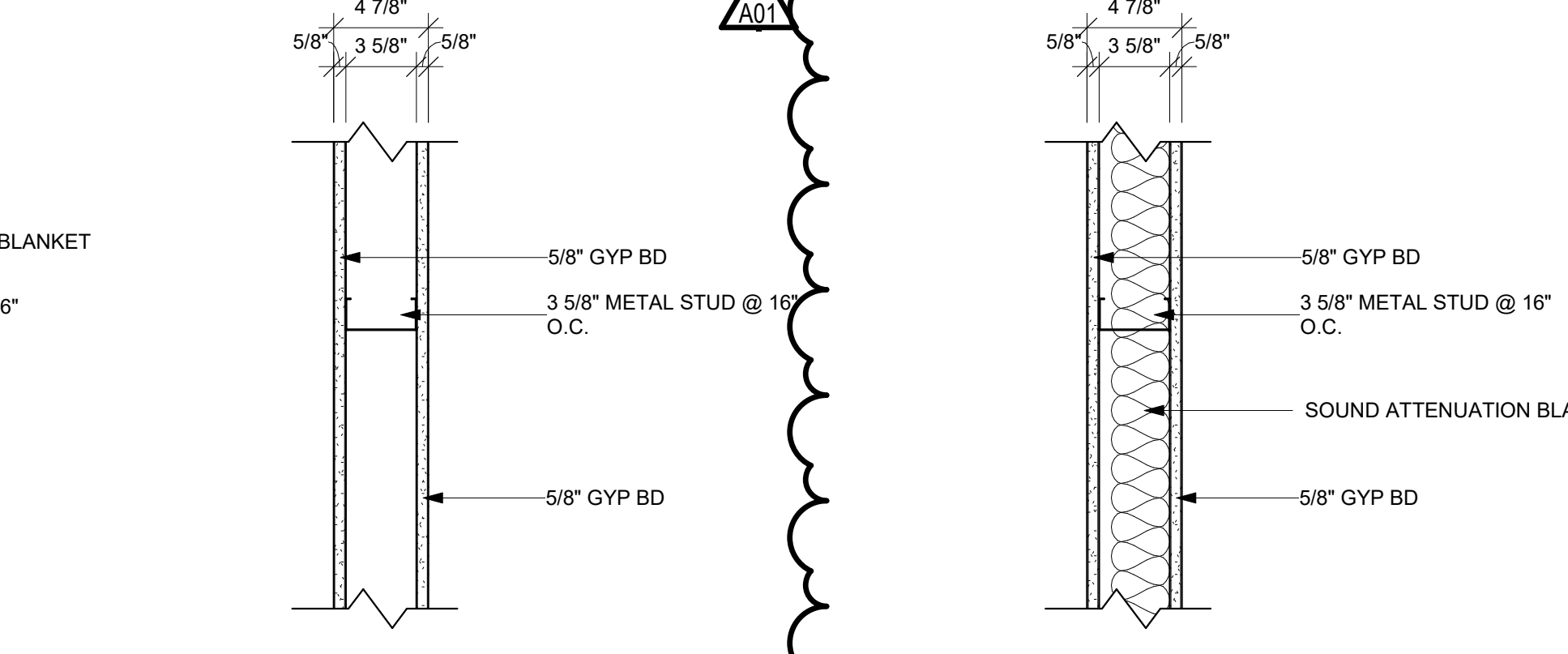
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	R-VALUE	UL #	STC RATING
		ACTUAL	NOMINAL				
A11	16" O.C.	10 1/8"	10"		29.6		
B5	16" O.C.	11 7/8"	12"	2 hr			



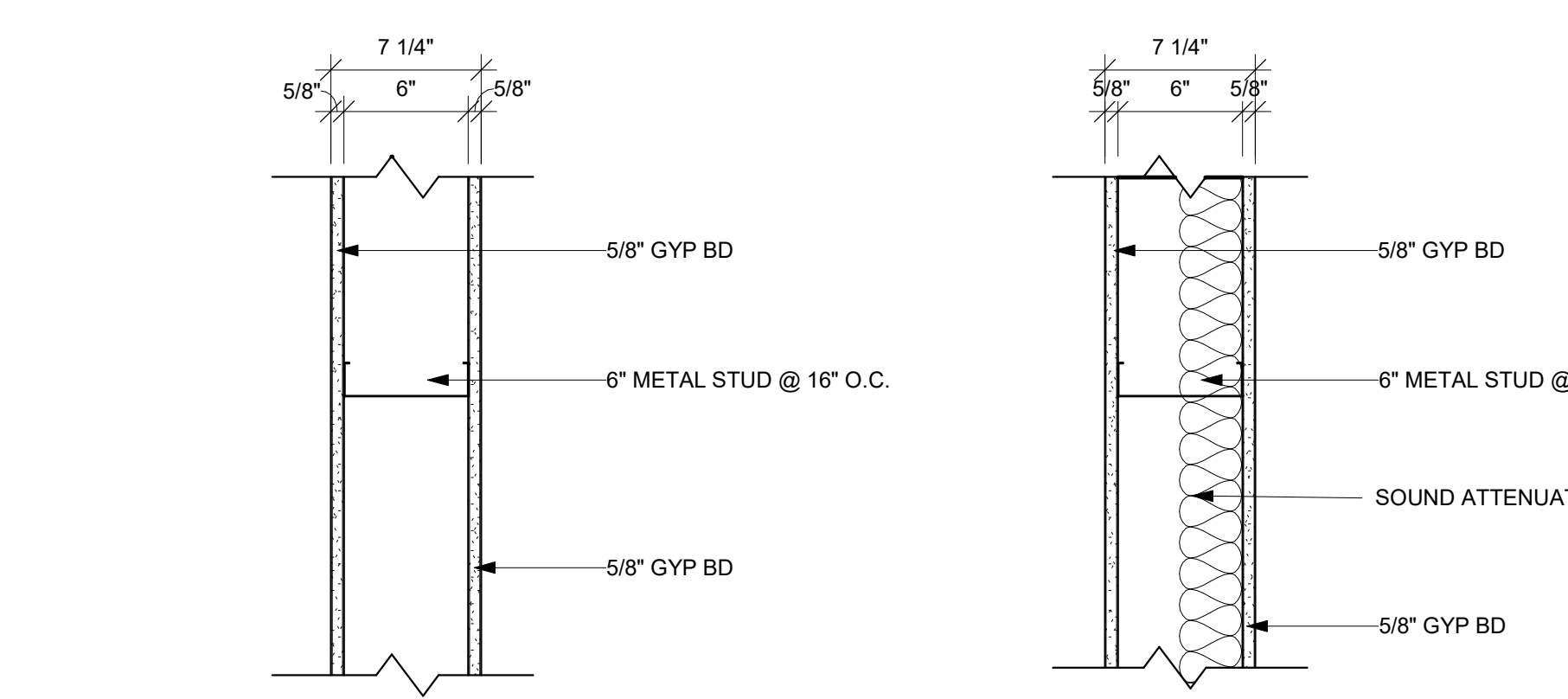
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D2	16" O.C.	3 1/8"	3"			84
D3	16" O.C.	3 1/8"	3"			



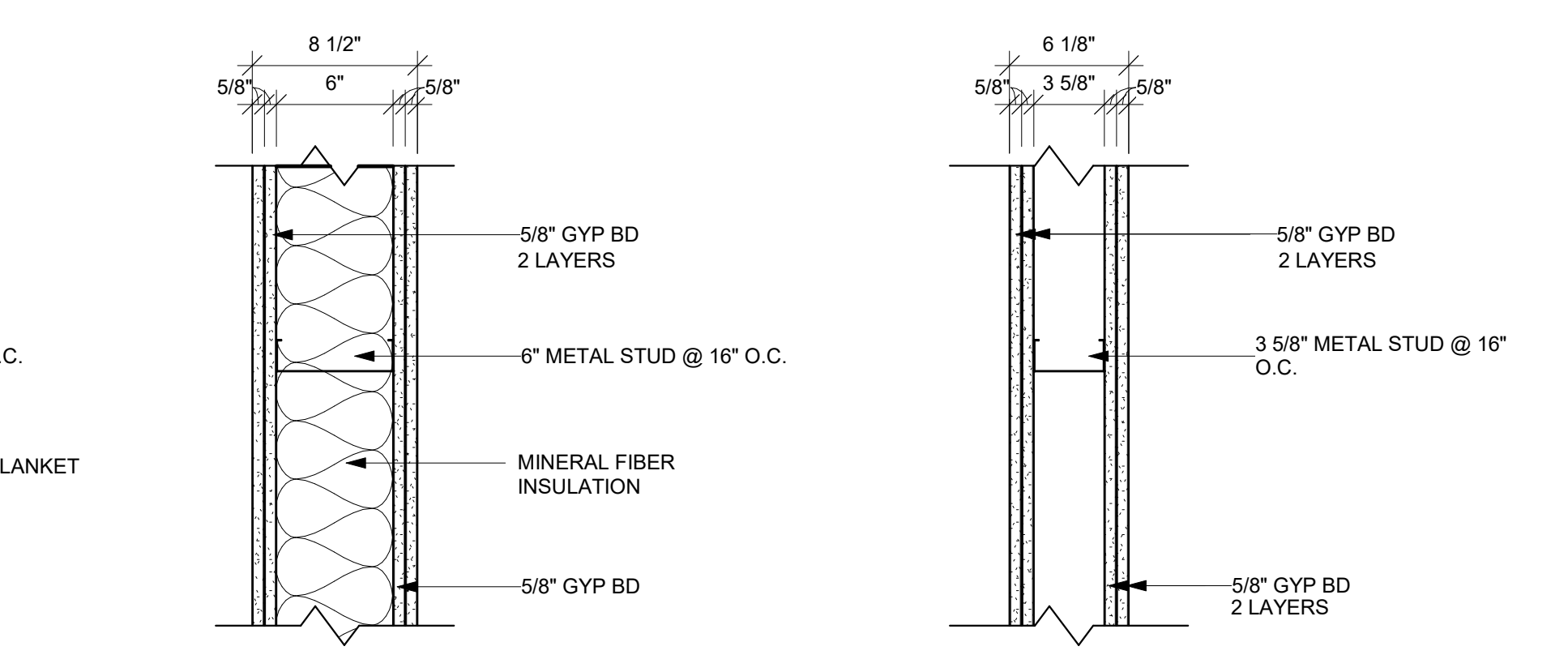
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D4	16" O.C.	4 1/4"	4"			
D5	16" O.C.	4 1/4"	4"			



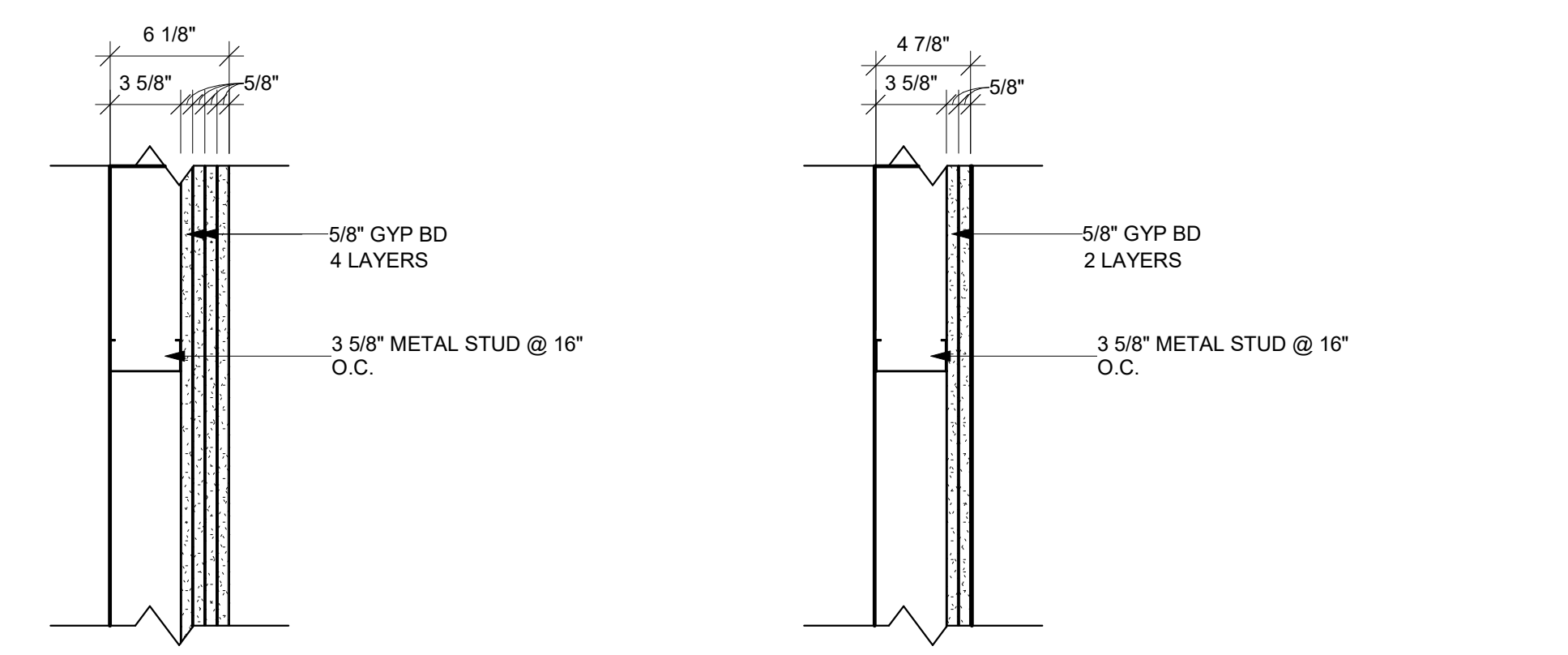
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D6	16" O.C.	4 7/8"	5"			
D7	16" O.C.	4 7/8"	5"			



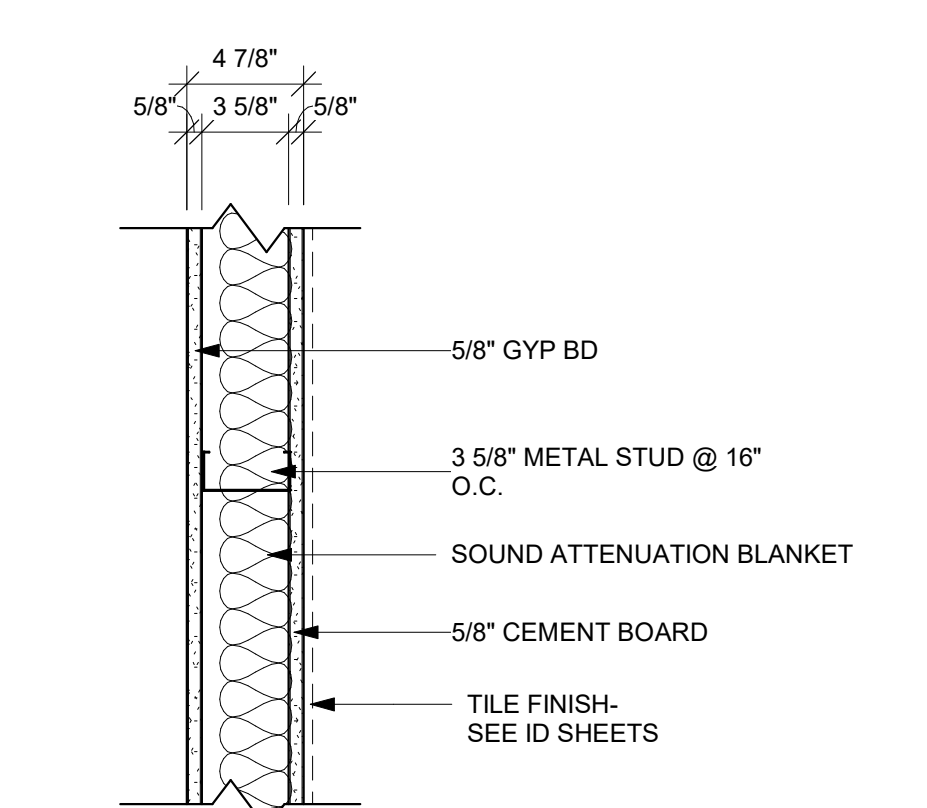
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D10	16" O.C.	7 1/4"	7"			
D11	16" O.C.	7 1/4"	7"			47



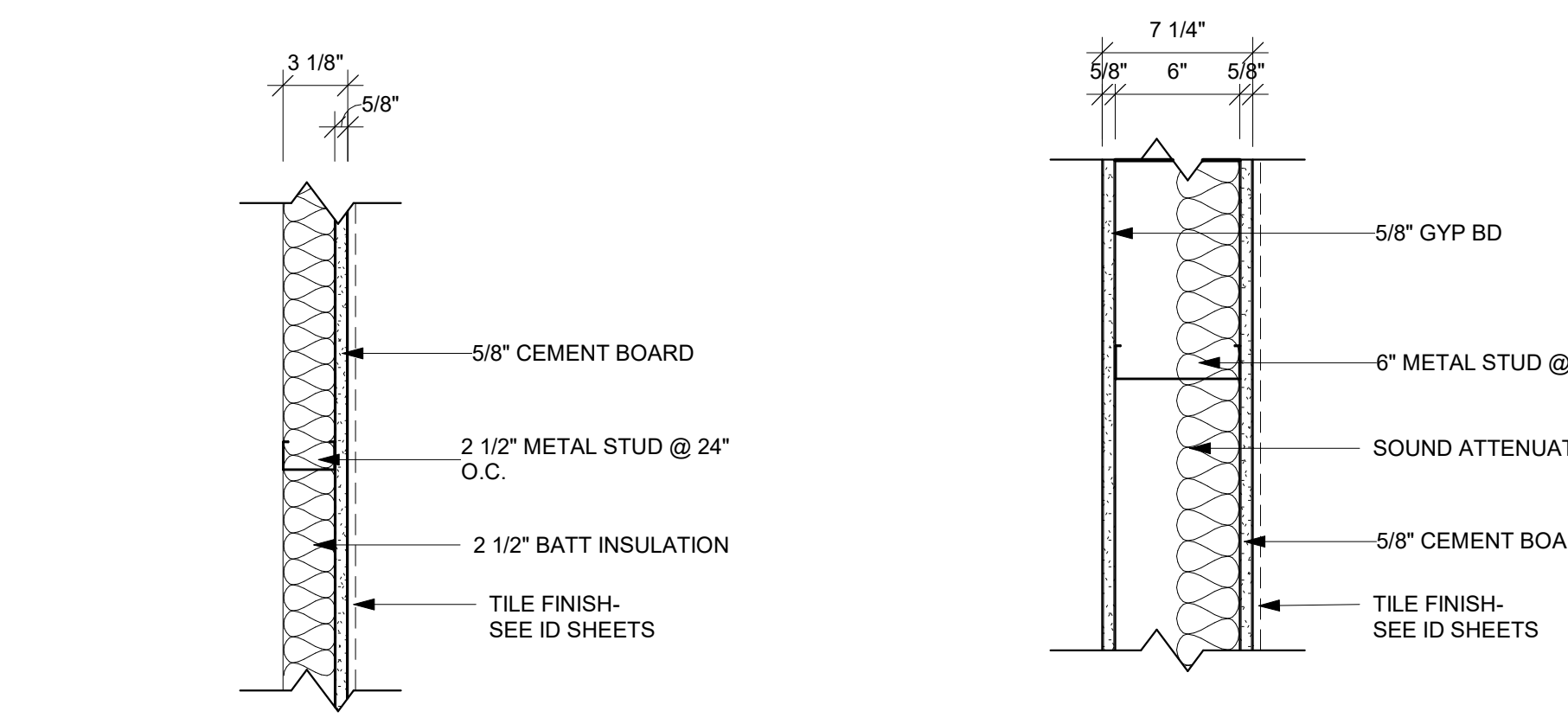
PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	R-VALUE
		ACTUAL	NOMINAL		
D14	16" O.C.	8 1/2"	8"	2 hr UL-V419	21.93
D15	16" O.C.	6 1/8"	6"	2 hr UL-V419	



PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	R-VALUE
		ACTUAL	NOMINAL		
D16	16" O.C.	6 1/8"	6"	2 hr UL-V497	
D17	16" O.C.	4 7/8"	5"		

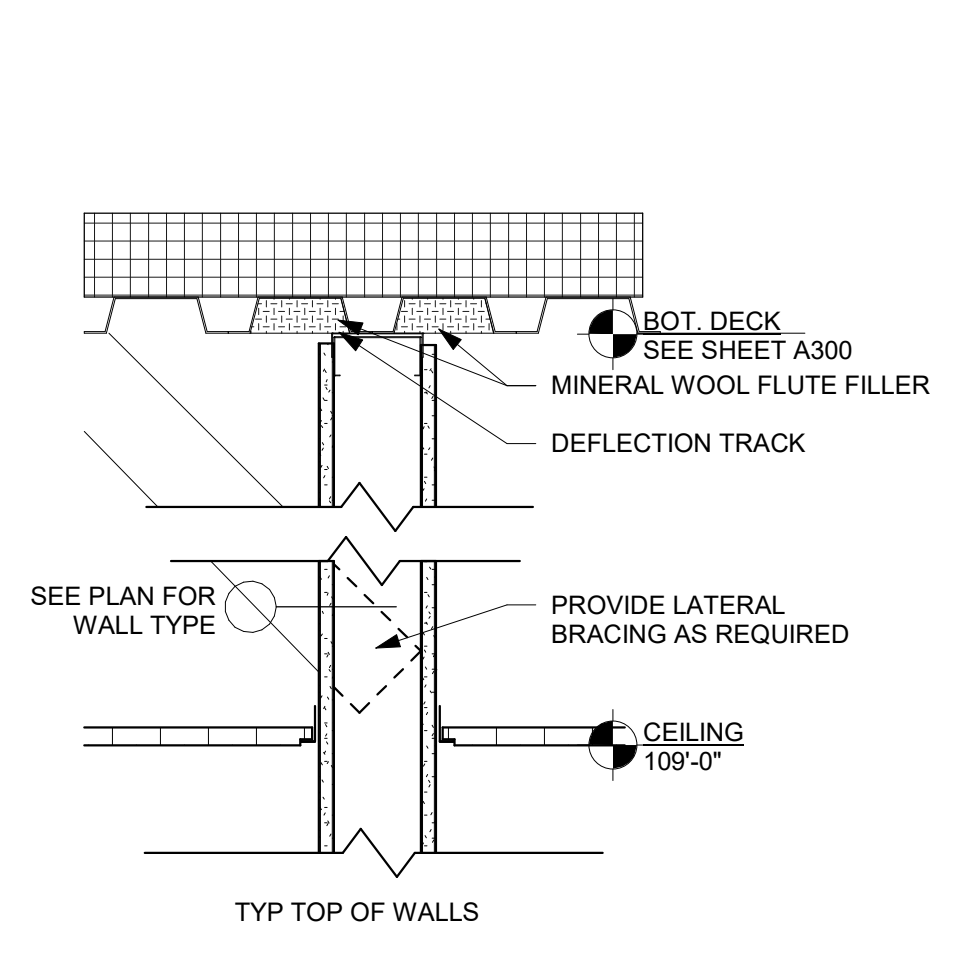


PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D18	16" O.C.	4 7/8"	5"			47

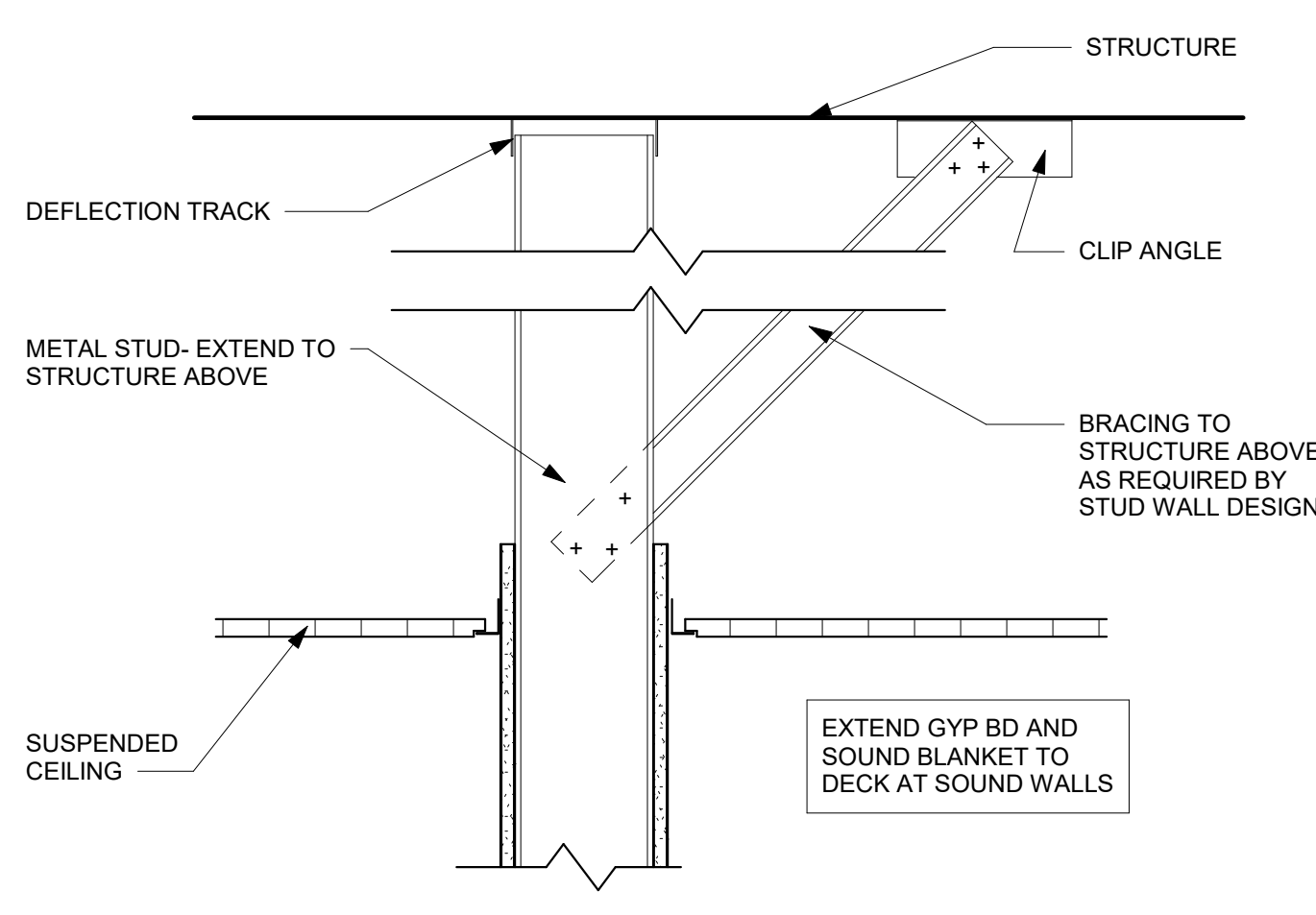


PARTITION TYPE	STUD WIDTH / SPACING	PARTITION WIDTH		FIRE RESISTANCE RATING	UL #	STC RATING
		ACTUAL	NOMINAL			
D19	16" O.C.	3 1/8"	3"			
D20	16" O.C.	7 1/4"	7"			47

1 TOP OF WALL DETAIL
1 1/2" = 1'-0"



2 WALL BRACING DETAIL
1 1/2" = 1'-0"





HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

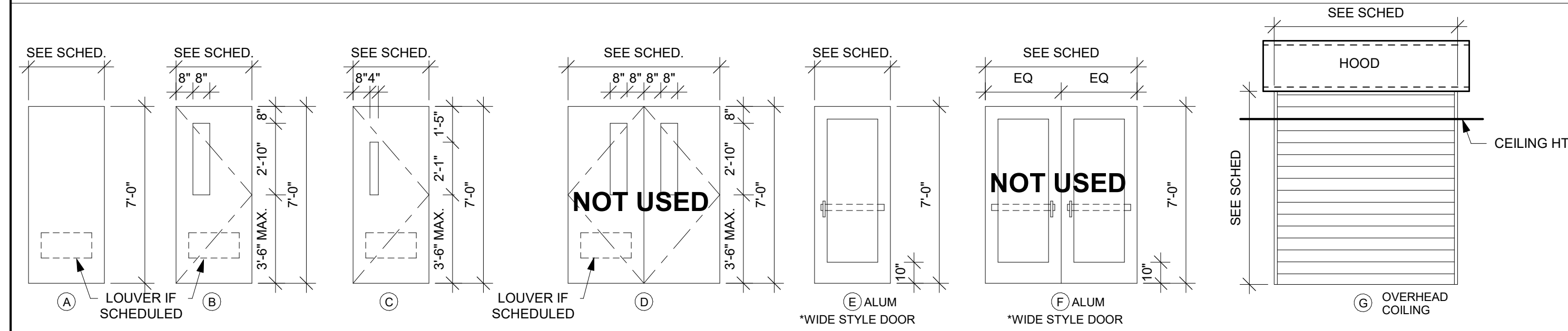
Consultant:

DOOR NO.	DOOR					FRAME					FIRE LABEL	HDWR GROUP	REMARKS			
	SIZE			MAT'L	DOOR TYPE	GLASS TYPE	U-CUT OR LOUVER	MAT'L	FRAME ELEV	DEPTH				DETAILS		
	W	H	T											HEAD	JAMB	SILL
100A	3'-0"	7'-0"	1 3/4"	ALUM	E	GLT-12		ALUM	7A200	4 1/2"				1	1,2	
100B	3'-0"	7'-0"	1 3/4"	ALUM	E	GLT-4		ALUM	9A200	4 1/2"				1	1,2	
101A	5'-0"	8'-6"		COLING FIRE DR	G			STL						6,7		
101B	4'-0"	7'-4"	1'-2"	ACCORDIAN FIRE DR										3		
102	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	JJ					2		
104	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	AA	5 7/8"	1A501			3		
105	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	AA	6 3/4"	2A501			4	5	
106	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	AA	5 7/8"	1A501			5		
107A	3'-0"	7'-0"	1 3/4"	SCWD	C		3/4" U-CUT	HM	BB	5 3/4"	9A501	10811A501	12A501	90 MIN	6	8
107B	3'-0"	7'-0"	1 3/4"	SCWD	B			HM	AA	8 1/4"	1A501			12		
108	3'-0"	7'-0"	1 3/4"	SCWD	C		GLT-21	HM	BB	5 3/4"	9A501	10811A501	12A501	90 MIN	6	8
109	3'-0"	7'-0"	1 3/4"	SCWD	C		GLT-21	HM	GG	5 7/8"	1A501			6	8	
110	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	GG	5 7/8"	1A501			7		
111	3'-0"	7'-0"	1 3/4"	SCWD	A		3/4" U-CUT	HM	AA	5 7/8"	1A501			5		
112	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	KK	5 7/8"	1A501			7		
113A	3'-0"	7'-0"	1 3/4"	IHM	A			HM	BB	5 3/4"	15A501			9		
113B	3'-0"	7'-0"	1 3/4"	SCWD	A			HM	AA	5 7/8"	1A501			8		
114A	3'-0"	7'-0"	1 3/4"	EXISTG ALUM										10		
114B	3'-0"	7'-0"	1 3/4"	EXISTG ALUM										10		
114C	3'-0"	7'-0"	1 3/4"	EXISTG ALUM										10		
114D	3'-0"	7'-0"	1 3/4"	EXISTG ALUM										10		
119	3'-0"	7'-0"	1 3/4"	SCWD	A			PNT 6000	GG	5 7/8"	1A501			7		
120	3'-0"	7'-0"	1 3/4"	SCWD	A		3/4" U-CUT	HM	AA	5 7/8"	1A501			5		
121	3'-0"	7'-0"	1 3/4"	EXISTG SCWD	A			EXISTG HM	AA					11	4	

DOOR SCHEDULE GENERAL NOTES

IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR
 A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
 B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED

DOOR TYPES



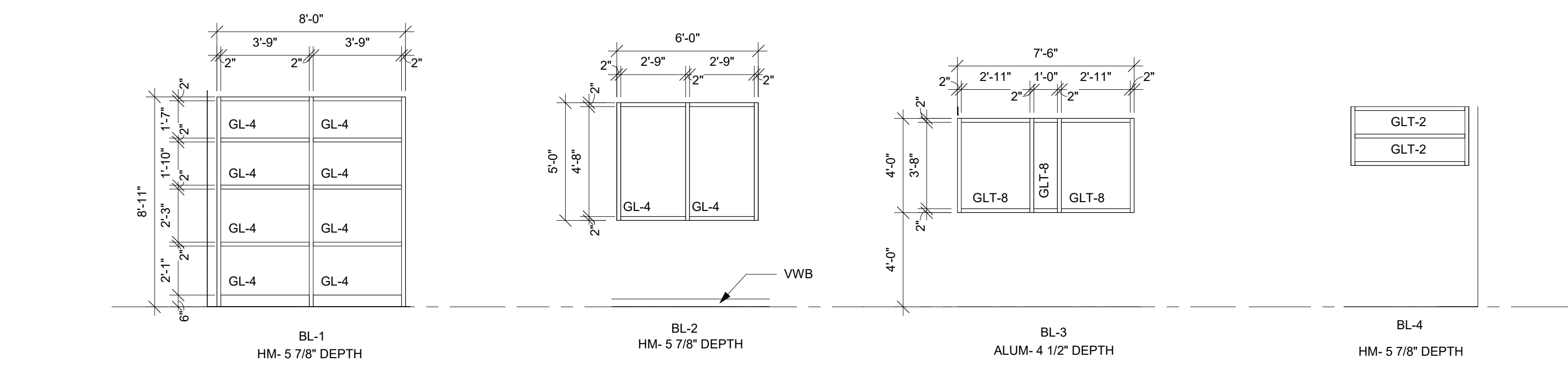
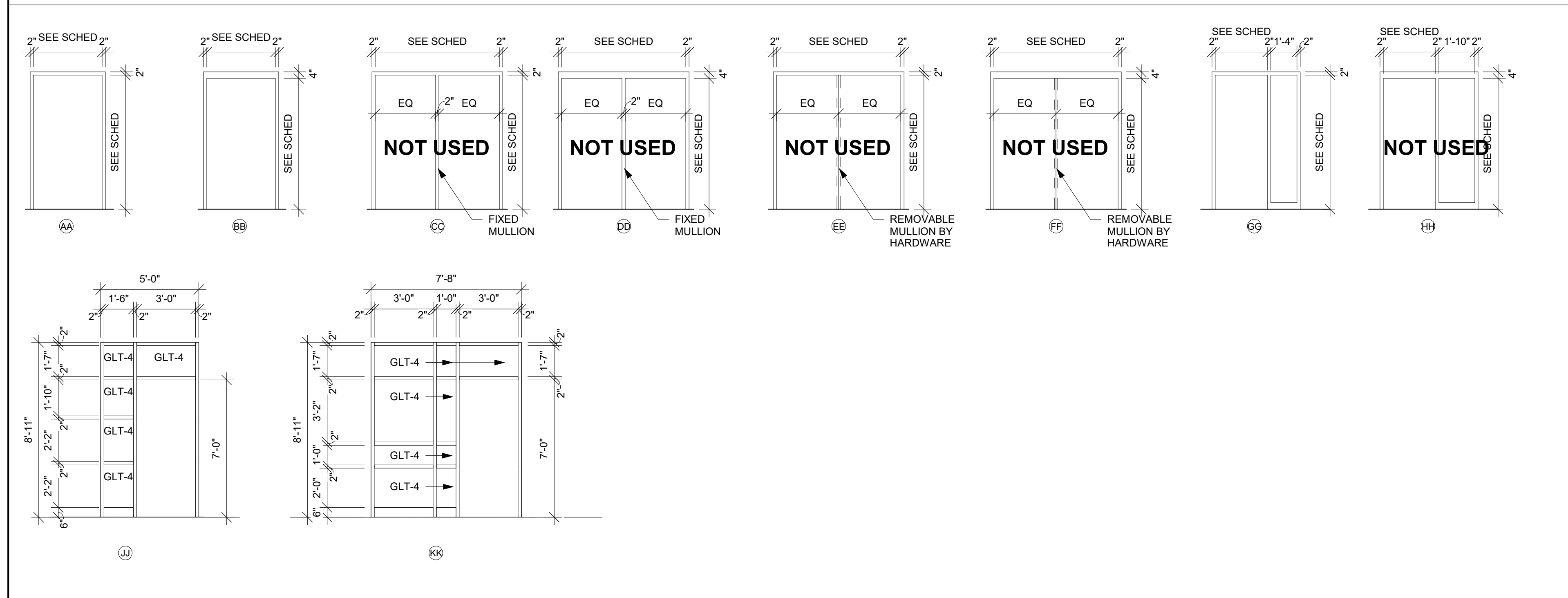
DOOR SCHEDULE REMARKS

- ELECTRONIC CARD ACCESS AND ELECTRONIC STRIKE REQUIRED.
- AUTO OPERATOR.
- HORIZONTAL ACCORDION FIRE DOOR.
- EXISTING DOOR WITH NEW HARDWARE.
- SOUND CONTROL DOOR.
- RATED COILING FIRE DOOR WITH FUSIBLE LINK.
- HOOD IS MOUNTED ABOVE CEILING. HEIGHT INDICATED IS TO BOTTOM OF HOOD.
- GLASS LIMITED TO 100 SQ IN MAX.

DOOR FRAME GENERAL NOTES

HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM
 A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES
 B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) FRAMES SHALL BE PAINTED.

DOOR FRAME TYPES



1 BORROWED LITES
1/4" = 1'-0"

Project Title: SCHOOL DISTRICT OF HOLMEN VIKING ELEMENTARY SECURE ENTRY
 Project Location: 500 EAST WALL STREET HOLMEN, WI 54636
 Sheet Title: DOOR SCHEDULE

HSR Project Number: 19022
 Project Date: JANUARY 2020
 Drawn By: MPL

Key Plan:

No.	Description	Date
A01	Addendum 1	01-21-20

Graphic Scale: VARIES

Last Update: 1/21/2020 11:00:03 AM

A601



Consultant:

INTERIOR GENERAL NOTES:

- REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYPE SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.
- PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHEETS.
- REFER TO MASTER COLOR SCHEDULE ON ID600 FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION.
- TOILET ROOM WALL AND FLOOR GROUT LINES SHALL ALIGN TO CONTINUE PATTERN THROUGHOUT. SEE AXXX FOR ELEVATED PATTERNING.
- VINYL COMPOSITE EDGE (VCE) TO BE INSTALLED AT DISSIMILAR FINISH AREAS. REFER TO ID SHEETS. INSTALL APPROPRIATE EDGE PROFILE TO PROTECT FINISH EDGES. COLOR AS SELECTED BY A/E.
- AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT.

FINISH KEY PLAN:

- SEE ROOM FINISH REMARKS
- WALL BASE
- ACCENT PAINT

FINISH LEGEND:

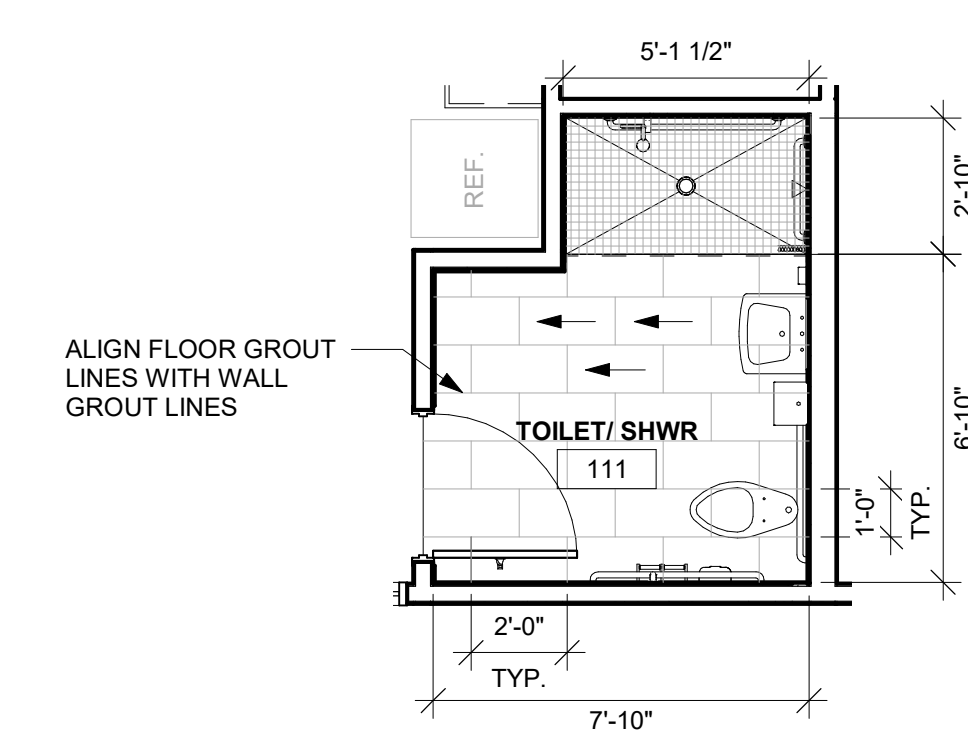
	TLE-1		LVT-1		CPT-1, CPT-2
	TLE-4		WCPT-1		

ROOM FINISH REMARKS

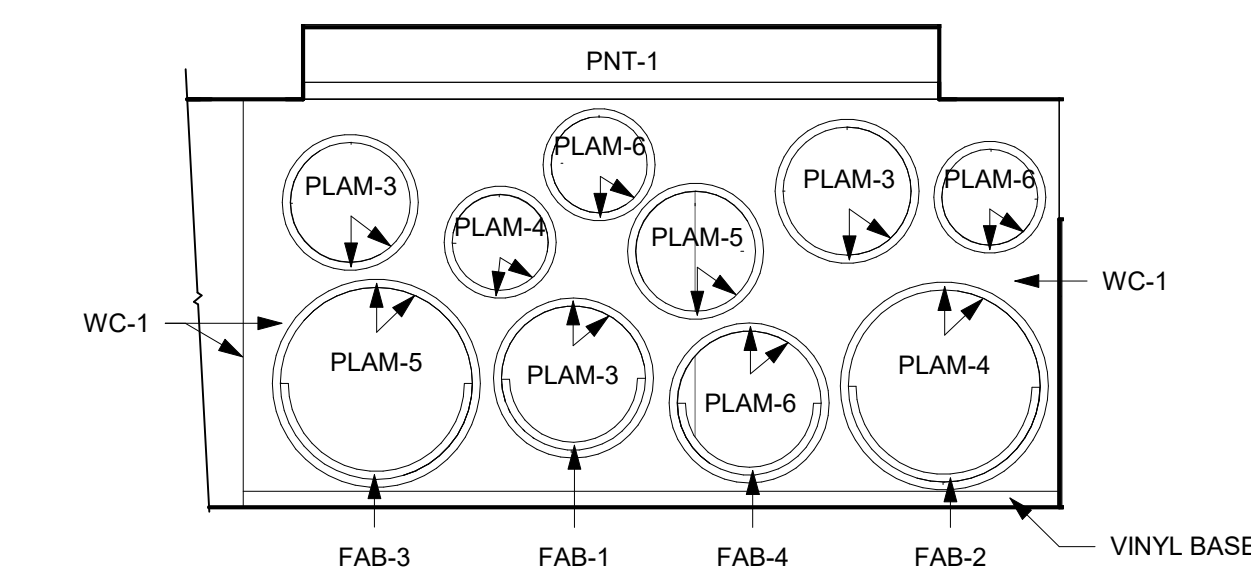
- PAINT ALL WALLS PNT-1 - ACCENT AS INDICATED ON PLANS
- FULL HEIGHT TILE AT ALL WALLS
- FLOORING TO CONTINUE UNDER CASEWORK



1 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"



2 ENLARGED TILE PATTERN
1/4" = 1'-0"



3 READING NOOK FINISHES
1/4" = 1'-0"

Project Title: SCHOOL DISTRICT OF HOLMEN
 VIKING ELEMENTARY SECURE ENTRY
 Project Location: 500 EAST WALL STREET
 HOLMEN, WI 54636
 Sheet Title: FINISH FLOOR PLAN

HSR Project Number: 19022
 Project Date: JANUARY 2020
 Drawn By: SB

Key Plan:

Revisions:

No.	Description	Date
A01	Addendum 1	01-21-20

Graphic Scale: VARIES
 Last Update: 1/21/2020 8:29:12 AM

ID101



Consultant:

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
500 EAST WALL STREET
HOLMEN, WI 54636

Project Title:
Project Location:
Sheet Title:

HSR Project Number:
19022
Project Date:
JANUARY 2020
Drawn By:
SB

Key Plan:

No.	Description	Date
A01	Addendum 1	01-21-20

Revisions:

No.	Description	Date
A01	Addendum 1	01-21-20

Graphic Scale:

VARIES

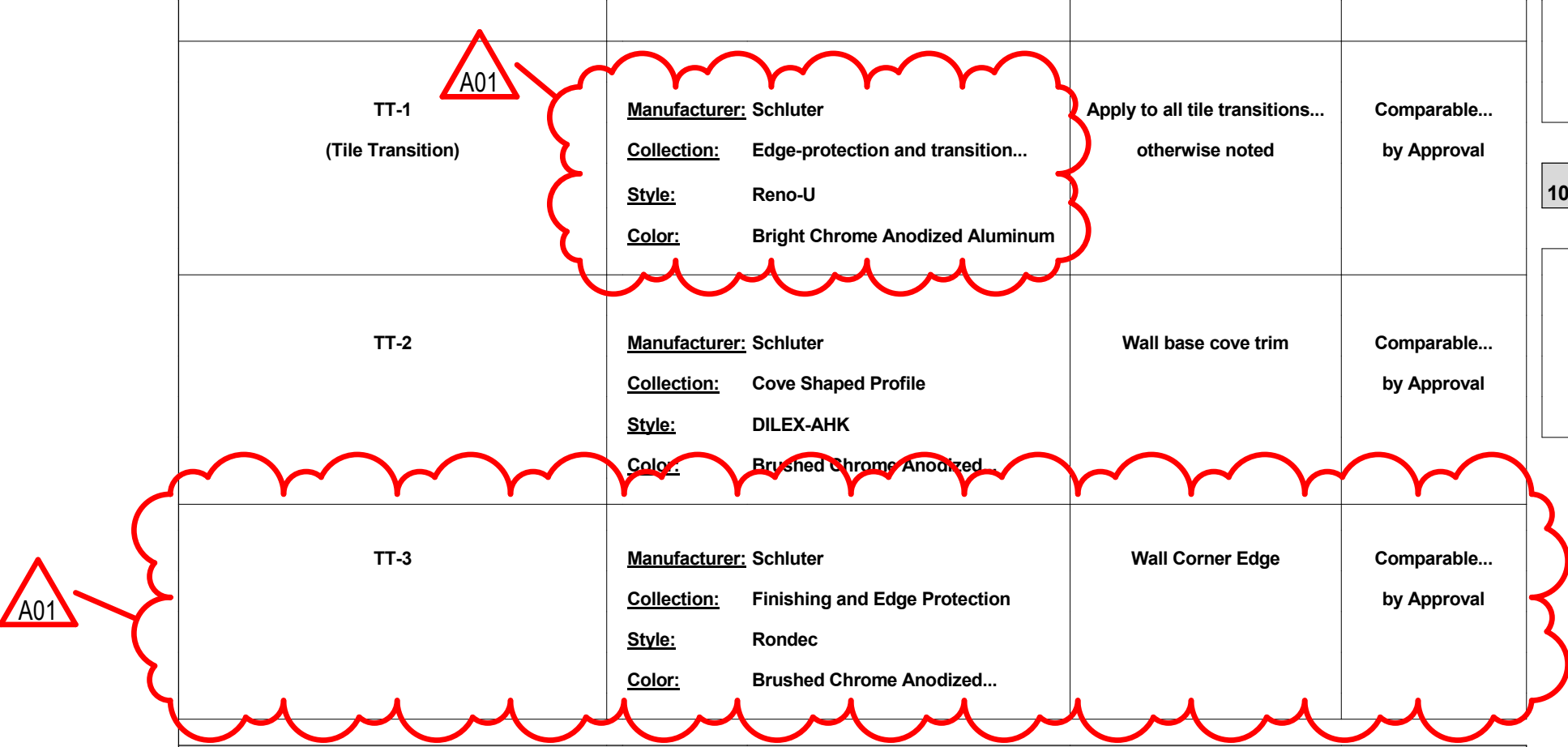
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1/21/2020 10:01:31 AM

ID600

MASTER COLOR SCHEDULE

MANUFACTURER / COLOR	GENERAL LOCATION	REMARKS	MANUFACTURER / COLOR	GENERAL LOCATION	REMARKS	MANUFACTURER / COLOR	GENERAL LOCATION	REMARKS											
06 41 00 CUSTOM CABINETS			09 68 50 CARPETING			10 21 23 CUBICLE CURTAIN													
PLAM-1 (Plastic Laminate)	Manufacturer: Nevamar Color: Clear Maple Finish: Armored Protection	Casework See Casework Elevations	Comparable... by Approval	CPT-1 (Carpet Tile)	Manufacturer: Shaw Contract Collection: Assembly Style Name: Convene Color Name: Dynamic Interaction Construction: Multi-level pattern... Size: 12"x48" Installation: Ashlar	See ID Sheet Field Carpet Tile	Comparable... by Approval	Privacy Curtains & Track	Manufacturer: DL Couch Product: Privacy Curtain Color: As selected by... Pattern: As selected by... Contents: 100% polyester...	Nurse RM 110	Comparable... by Approval								
PLAM-2	Manufacturer: Nevamar Color: Crown Cherry Finish: Armored Protection	Countertops See Casework Elevations	Comparable... by Approval	CPT-2	Manufacturer: Shaw Contract Collection: Assembly Style Name: Establiish Color Name: Interaction Construction: Multi-level pattern cutloop Size: 12"x48" Installation: Ashlar	See ID Sheet Field Carpet Tile	Comparable... by Approval	10 26 01 WALL AND DOOR PROTECTION											
PLAM-3	Manufacturer: Nevamar Color: Sunray S4022T Finish: Armored Protection	Reading Nook See ID Sheets	Comparable... by Approval	WCPT-1 (Walk Off Carpet)	Manufacturer: EF Contract Collection: Access Style Name: Access AX Color Name: Channel AX903 Construction: Textured Loop Pattern Size: 24"x24" Gauge: 1/10 in Installation: Monolithic	See ID Sheet Vestibules	Comparable... by Approval	CG-1 (Corner Guards)	Manufacturer: InPro Product: Corner Guard 160 Color: TBD Size: 4' high, 2" wing	See ID sheets Install on top of wall...	Comparable... by Approval								
PLAM-4	Manufacturer: Nevamar Color: Passionfruit SR5240-T Finish: Armored Protection	Reading Nook See ID Sheets	Comparable... by Approval	09 90 00 PAINTS AND COATINGS			12 05 00 FABRICS												
PLAM-5	Manufacturer: Formica Color: Matrix Blue 8795-58 Finish: Matte finish	Reading Nook See ID Sheets	Comparable... by Approval	PNT-1 (Paint)	Manufacturer: Sherwin Williams Color: Colonnade Gray 7641 Color Code: 283-C2	Field Paint	*Or Equal	FAB-1 (Fabric)	Manufacturer: Carnegie Style: Vibe Color: 51	See ID sheets Reading Nook (yellow)	Comparable... by Approval								
PLAM-6	Manufacturer: Formica Color: Spectrum Green 7897-58 Finish: Matte Finish	Reading Nook See ID Sheets	Comparable... by Approval	PNT-2	Manufacturer: Sherwin Williams Color: Brittebush 6884 Color Code: 135-C6	Accent Rms 118, 122	*Or Equal	FAB-2	Manufacturer: Carnegie Style: Vibe Color: 54	See ID sheets Reading Nook (pink)	Comparable... by Approval								
06 61 00 SIMULATED STONE...			09 30 00 TILE			12 24 00 WINDOW SYSTEMS													
SS-1 (Solid Surface)	Manufacturer: Avonite Color: Sandstorm F1-9036 Finish: Satin	Window Sills	Comparable... by Approval	TLE-1 (Tile)	Manufacturer: Ceramic Tile Works Product: Modern Color: Black Size: 12"x24" Installation:	See ID Sheet Floor Tile	Comparable... by Approval	PNT-3	Manufacturer: Sherwin Williams Color: Custom Color Match Color Code: 5 gal formula B20w2653 Pro Mar 200 0 ES Deep... CCE Color Cast Mix Formula as on recor... Holmen Sherwin Williams	Accent Blue color Prophetic Sea Match (Accent blue color at Holmen... Office)	*Or Equal	WS-1 (Window Shades)	Manufacturer: Mecho Product: Mecho'S System Color: TBD Openness: 5%	See ID Sheet Exterior Windows	Comparable... by Approval				
09 65 00 RESILIENT FLOORING/BASE			TT-1 (Tile Transition)			TT-2			TT-3			WS-2							
LVT-1 (Luxury Vinyl Tile)	Manufacturer: Patcraft Collection: Mark Making Color: Almond Size: 5.96"x48" Thickness: 5 mm Wear Layer: 20 mil Install: Stagger / Glue Down	See ID Sheet Field LVT	Comparable... by Approval	TT-1 (Tile Transition)	Manufacturer: Schluter Collection: Edge-protection and transition... Style: Reno-U Color: Bright Chrome Anodized Aluminum	Apply to all tile transitions... otherwise noted	Comparable... by Approval	TT-2	Manufacturer: Schluter Collection: Cove Shaped Profile Style: DILEX-AHK Color: Bright Chrome Anodized...	Wall base cove trim	Comparable... by Approval	TT-3	Manufacturer: Schluter Collection: Finishing and Edge Protection Style: Rondec Color: Brushed Chrome Anodized...	Wall Corner Edge	Comparable... by Approval	WS-3	Manufacturer: Mecho Product: Mecho'S System Color: TBD Openness: 1%	See ID Sheet Conference Room	Comparable... by Approval
VWB-1 (Vinyl Wall Base)	Manufacturer: Johnsonite Size: 4" Color: Brown 47	Field Base Apply to all walls calling for... unless otherwise noted	Comparable... by Approval	10 11 24 TACKABLE WALL...			WC-1 (Wall Covering)			10 11 24 TACKABLE WALL...			WS-1						
VCE-1 (Vinyl Carpet Edge)	Manufacturer: Johnsonite Tarkett Product: Slim Line Transitions Color: Brown 47 Size: varies by location, see ID sheets	See ID Sheet	Comparable... by Approval	WC-1 (Wall Covering)	Manufacturer: Koroseal Product: Walltalkers Tac-Wall Color: Sandalwood	Reading Nook, Classroom 119 Floor to Ceiling	Comparable... by Approval	10 11 24 TACKABLE WALL...			WS-2			WS-3					



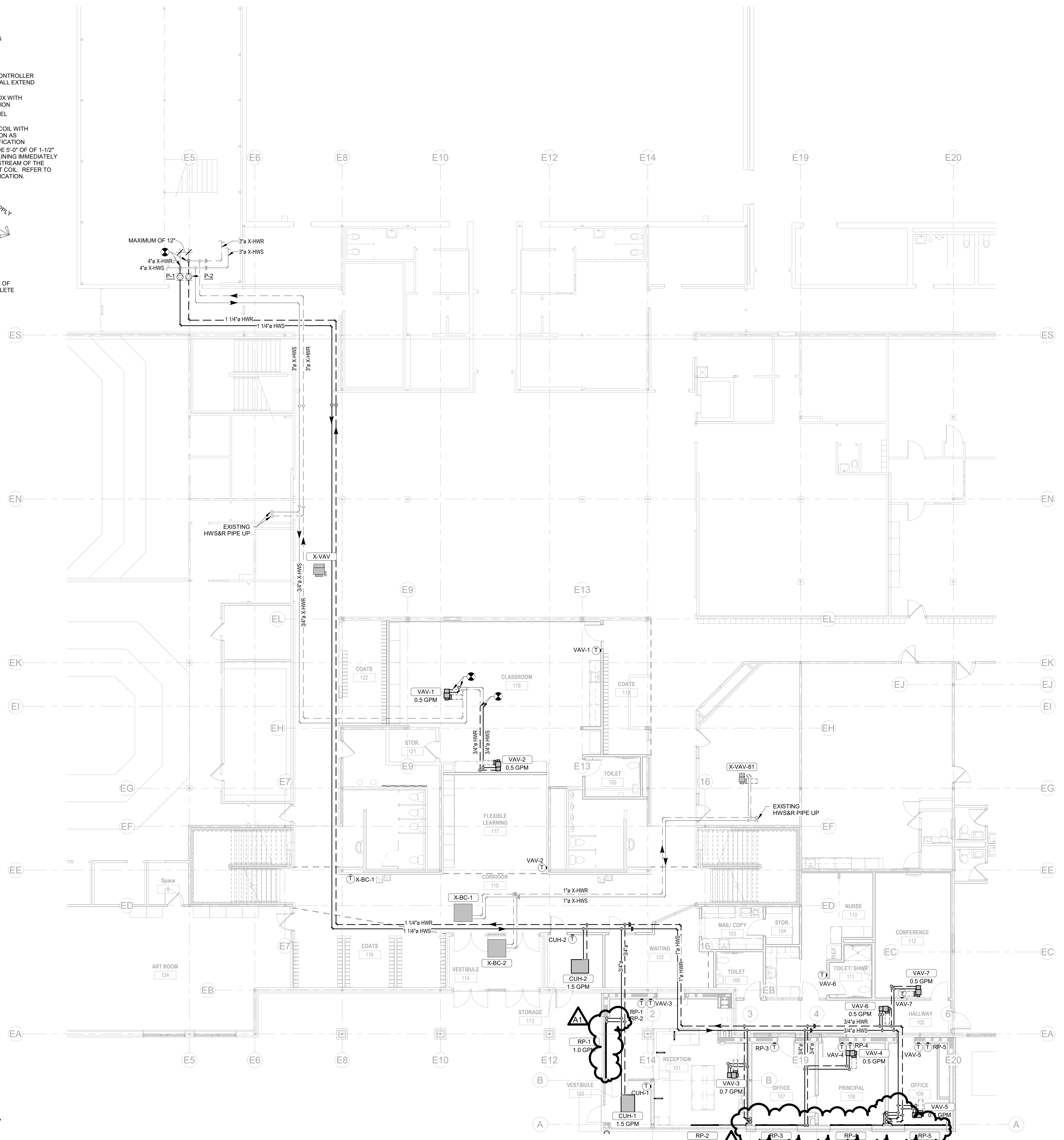


No.	Description	Date
A1	ADDENDUM 1	1/21/2020

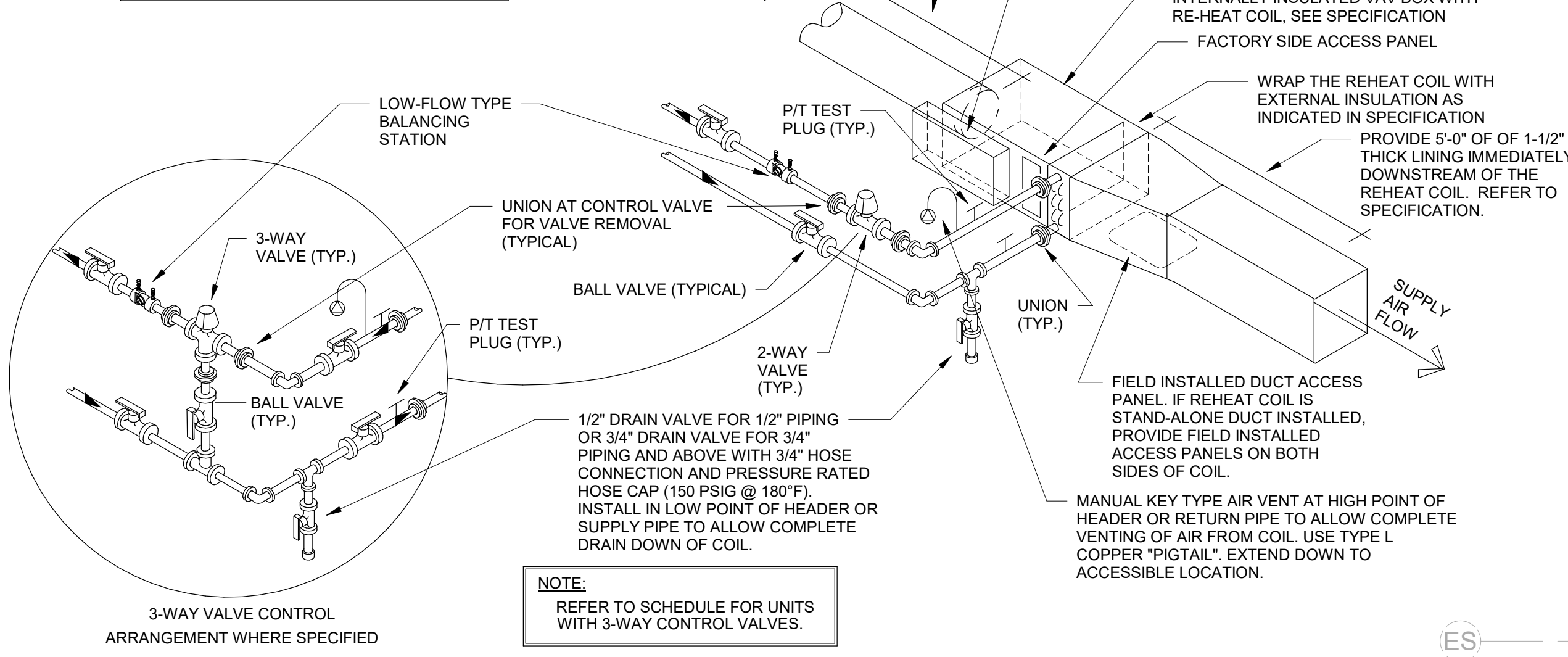
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1/20/2020 11:21:41 AM

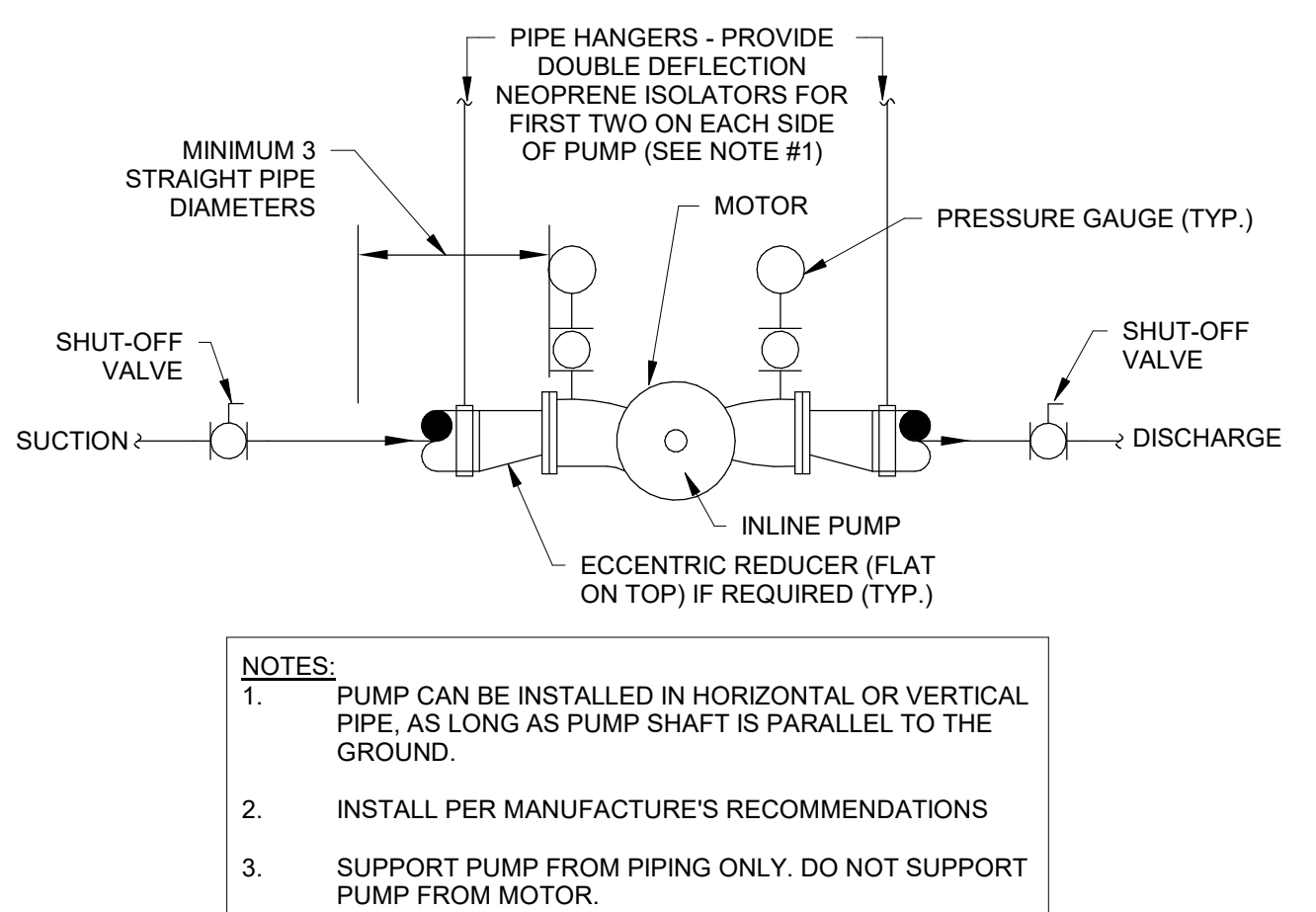
M101



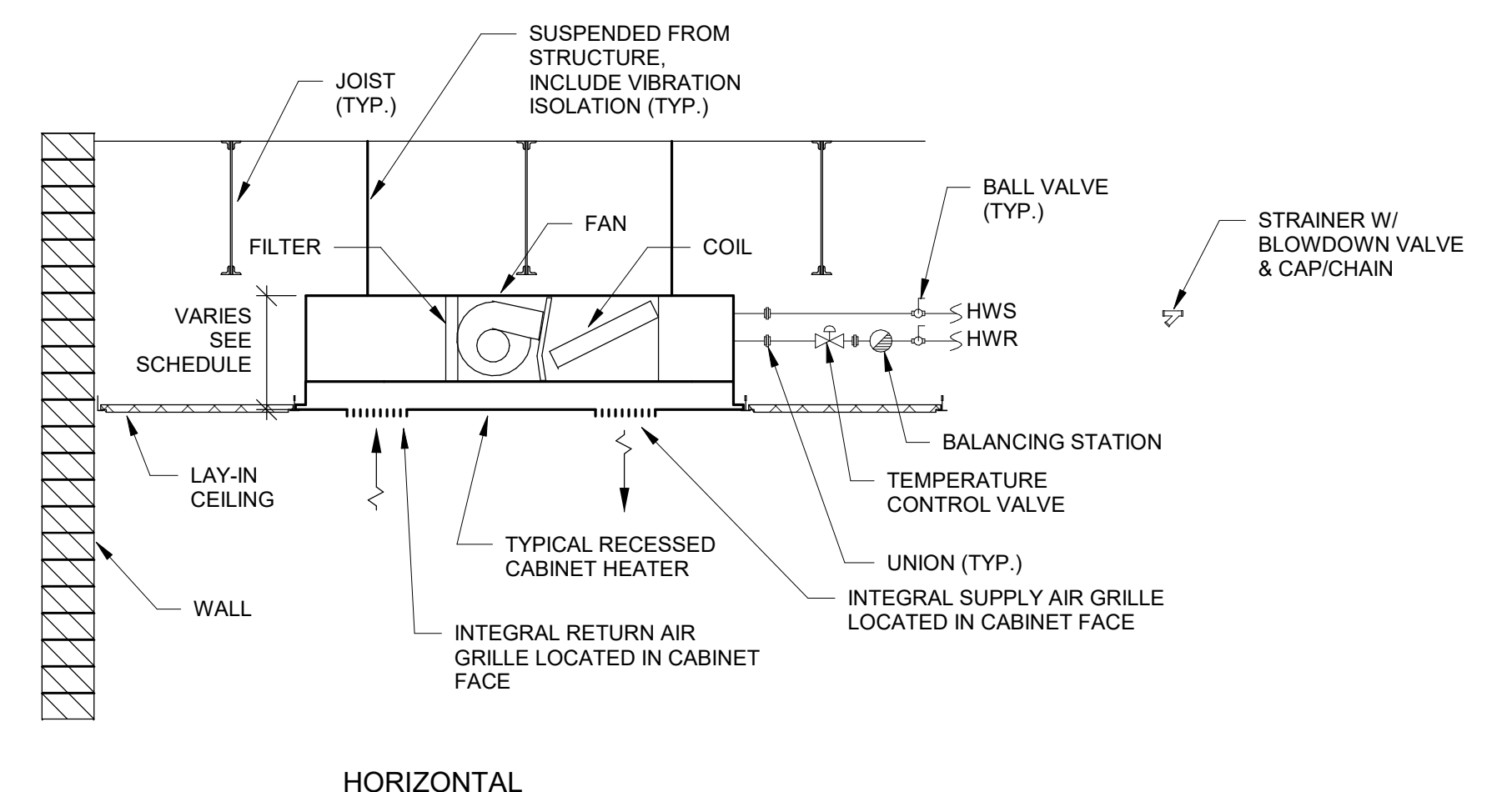
NOTE:
DO NOT INSTALL NEW VAV BOX ABOVE NEW WALLS OR PARTITIONS. LOCATE VAV BOX, CONTROL, AND SHUT-OFF VALVES AND ALL OTHER SERVICEABLE COMPONENTS SO THEY ARE COMPLETELY ACCESSIBLE. PROVIDE ADEQUATE CLEARANCE TO REMOVE REHEAT COIL WITHOUT DISRUPTING VAV BOX, DUCTWORK OR PIPING.



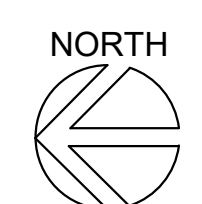
4 TYPICAL TAKE-OFF TO VAV BOX - HW COIL
N.T.S.



3 INLINE PUMP DETAIL
N.T.S.



2 HOT WATER CABINET HEATER RECESSED DETAIL
N.T.S.



1 HVAC PIPING LEVEL 1 REMODEL PLAN
1/8" = 1'-0"



Consultant:

AIR DISTRIBUTION DEVICES								
UNIT NO.	SYSEM CLASSIFICATION	SIZES	LOCATION	DAMPER	INLET SIZE	MODEL NUMBER	MOUNTING	COMMENTS
G-1	Supply Air	24"x24"	CEILING	-	6"Ø	SERIES PLQ 4-WAY	LAY-IN	1 & 2
G-2	Supply Air	24"x24"	CEILING	-	8"Ø	SERIES PLQ 4-WAY	LAY-IN	1 & 2
G-3	Supply Air	24"x24"	CEILING	-	10"Ø	SERIES PLQ 4-WAY	LAY-IN / SURFACE	1 & 2
G-4	Supply Air	24"x24"	CEILING	-	12"Ø	SERIES PLQ 4-WAY	LAY-IN	1 & 2
G-5	Supply Air	48" LINEAR	CEILING	-	6"Ø	DFL-10-1	LAY-IN	1 & 2
G-6	Return Air	24"x6"	CEILING	-	22"x4"	EGC-5 1/2" EGG CRATE	LAY-IN	1 & 2
G-7	Return Air	24"x12"	CEILING	-	22"x10"	EGC-5 1/2" EGG CRATE	LAY-IN	1 & 2
G-8	Exhaust Air	12"x12"	CEILING	-	REFER TO PLANS	S580	LAY-IN	1 & 2

COMMENTS:
1. SELECTION BASED ON PRODUCT BY KRUEGER.
2. COLOR TO BE SELECTED BY ARCHITECT.

RADIANT PANELS									
Mark	LOCATION	TOTAL MBH INSTALLED	GPM	PANEL		MITERED CORNER	TEMPERATURE CONTROL	REMARKS	
				NUMBER OF TUBES	WIDTH				
RP-1	RECEPTION 101	6.2	1.0	2	5"	10'-0"	T-STAT	1, 2, 4, 6	
RP-2	RECEPTION 101	2.4	1.0	2	5"	4'-0"	T-STAT	1, 2, 4, 5	
RP-3	OFFICE 107	4.5	1.0	2	5"	7'-6"	T-STAT	1, 2, 4, 5	
RP-4	PRINCIPAL 108	4.5	1.0	2	5"	7'-6"	T-STAT	1, 2, 4, 5	
RP-5	OFFICE 109	4.5	1.0	2	5"	7'-6"	T-STAT	1, 2, 4, 5	

COMMENTS:
1. SELECTION BASED ON PRODUCT BY TRANE.
2. BASED ON ENTERING WATER TEMPERATURE OF 60°F WITH 60° TEMPERATURE DIFFERENTIAL.
3. INCLUDE END TRIM, CAPS, CORNERS, WALL TRIM AT INTERMEDIATE COLUMNS, AND RETURN UNDER COVER AS REQUIRED FOR COMPLETE INSTALLATION.
4. REFER TO DETAIL 7M500 FOR INSTALLATION.
5. PROVIDE WALL MOUNTING COMPONENTS.
6. PROVIDE FEDESTAL MOUNTING COMPONENTS.

VAV BOXES (HOT WATER REHEAT)																	
Mark	SERVES ROOM	MODEL NO.	MAX CFM	MINIMUM COOLING CFM	MINIMUM HEATING CFM	MAX UNIT STATIC PRESSURE DROP	MINIMUM INLET STATIC PRESSURE	INLET DUCT SIZE	NO LEVEL (BOX) RADIATED	COIL SIZING AND CAPACITY DATA					ROOM HEAT LOSS (MBH)	REMARKS	
										COIL TYPE	MAX GPM	COIL PRESSURE DROP	ENTERING HOT WATER TEMPERATURE	ENTERING AIR TEMPERATURE (DRY BULB)			TOTAL MBH INSTALLED
VAV-1	CLASSROOM 119	VCWF08	680	205	260	0.250		8"Ø	26	1 ROW	0.50	0.67	180°F	55°F	8.45	4.82	1 & 2
VAV-2	GALLERY 117	VCWF06	280	85	200	0.140		6"Ø	26	1 ROW	0.50	0.50	180°F	55°F	6.62	3.80	1 & 2
VAV-3	RECEPTION 101, WAITING 102 & MAIL / COPY 103	VCWF08	690	210	280	0.440		8"Ø	26	2 ROW	0.70	0.05	180°F	55°F	11.14	7.20	1 & 2
VAV-4	OFFICE 107 & PRINCIPAL 108	VCWF08	480	145	225	0.230		8"Ø	22	2 ROW	0.50	0.03	180°F	55°F	8.67	5.50	1 & 2
VAV-5	OFFICE 109	VCWF06	240	75	180	0.110		6"Ø	26	1 ROW	0.70	0.87	180°F	55°F	6.84	4.30	1 & 2
VAV-6	HALLWAY 105 & NURSE 110	VCWF06	200	60	200	0.07		6"Ø	24	1 ROW	0.50	0.50	180°F	55°F	6.62	3.80	1 & 2
VAV-7	CONFERENCE 112	VCWF06	270	80	200	0.130		6"Ø	26	1 ROW	0.50	0.50	180°F	55°F	6.62	3.80	1, 2, 3

COMMENTS:
1. SELECTION BASED ON PRODUCT BY TRANE.
2. REFER TO DETAIL 4M101 FOR INSTALLATION.
3. PROVIDE 3-WAY CONTROL VALVE.

CAB HEATERS												
UNIT NO.	ROOM NUMBER	QUANTITY	MBH	MODEL	SIZE	FULL DEPTH	CABINET HEIGHT	LENGTH	GPM	CFM	HP (VOLT/PHASE)	COMMENTS
CUH-1	VESTIBULE 100	1	17.58	FFEB040	040	11"	30"	38"	1.5	300	58W (115/1)	1, 2, 3
CUH-2	STORAGE 113	1	17.58	FFEB040	040	11"	30"	33"	1.5	220	58W (115/1)	1, 2, 3

COMMENTS:
1. SELECTION BASED ON PRODUCT BY TRANE.
2. COLOR TO BE SELECTED BY ARCHITECT.
3. ENTERING WATER TEMPERATURE BASED ON 180°F.

ROOFTOP HEATING/COOLING UNITS															
UNIT NO.	MANUFACTURER	MODEL	TONS	TOTAL SEN CLG MBH NET	AMB. TEMP.	ENT. TEMP. DBWB	REFR. TYPE	CFM	E.S.P.	FILTER TYPE	SUPPLY FAN HP	INPUT MBH	OUTPUT MBH	MIN. O.A. %	COMMENTS
RTU-1	Trane	YZC072F4M4*KE	6.0	71.56	95°F	80°F / 67°F	R-410A	2220 CFM	0.250	MERV 8	2.75	120	97.20	10%	1, 2, 3, 4, 5

COMMENTS:
1. OUTSIDE AIR ECONOMIZER (MODULATION 0-100%)
2. UNIT SHALL BE A SIDE-FLOW CONFIGURATION.
3. UNIT SHALL INCLUDE POWERED CONVENIENCE OUTLET, CLOGGED FILTER/FAN FAILURE SWITCH AND HINGED ACCESS DOOR.
4. INCLUDE FUSED DISCONNECT SWITCH.
5. HOUSEKEEPING PAD PROVIDED BY GENERAL CONTRACTOR.

FANS										
UNIT NO.	SERVES ROOM	LOCATION	MODEL	SOUND LEVEL MAX SPEED	CFM	S.P. DROP INCHES W.G.	FULL LOAD AMPS	WATTS (VOLT/PHASE)	WEIGHT	COMMENTS
EF-1	TOILET ROOMS	CEILING (INLINE)	CSP-B150	2.0 SONES	150	0.1	1.7	142 W (115/1)	11 LBS	1

COMMENTS:
1. SELECTION BASED ON PRODUCT BY GREENHECK.

PUMPS									
UNIT NO.	LOCATION	SERVES	TYPE		MODEL	GPM	TOTAL HEAD	HP (VOLTS/PHASE)	COMMENTS
			INLINE	FLOOR MOUNTED					
P-1	CUSTODIAN	REFER TO PLANS	YES	---	CRE 3-5	11.0 GPM	80	1 HP (200-240/1)	1
P-2	CUSTODIAN	REFER TO PLANS	YES	---	CRE 3-5	11.0 GPM	80	1 HP (200-240/1)	1

COMMENTS:
1. SELECTION BASED ON PRODUCT BY GRUNDFOS.

SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY

500 EAST WALL STREET
HOLMEN, WI 54636
HVAC SCHEDULES

Project Title:
Project Location:
Sheet Title:

HSR Project Number:
19022

Project Date:
JANUARY 2020

Drawn By:
LESCHER

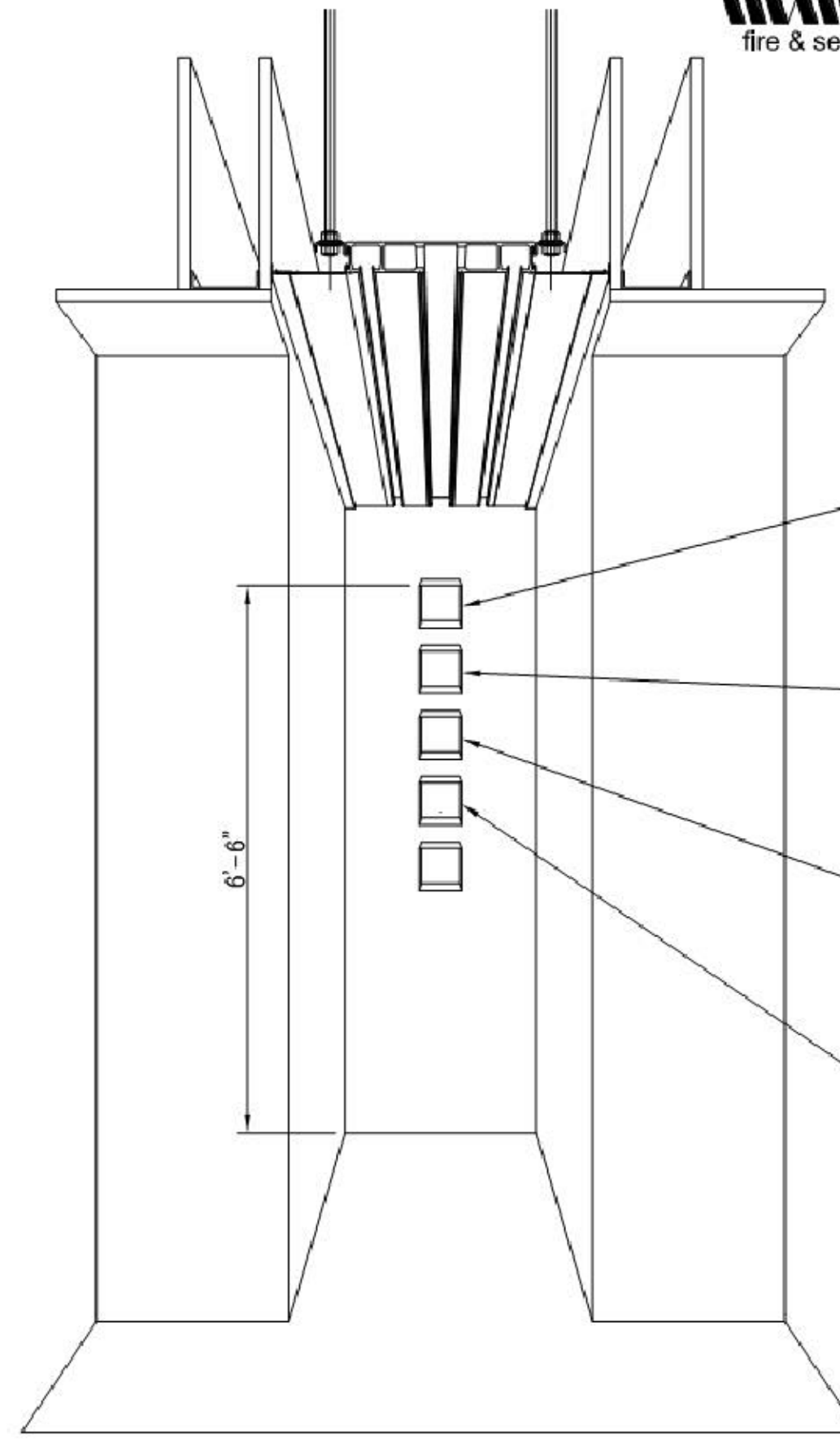
Key Plan:

No.	Description	Date
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Last Update:
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PERSPECTIVE
SCALE: NO SCALE

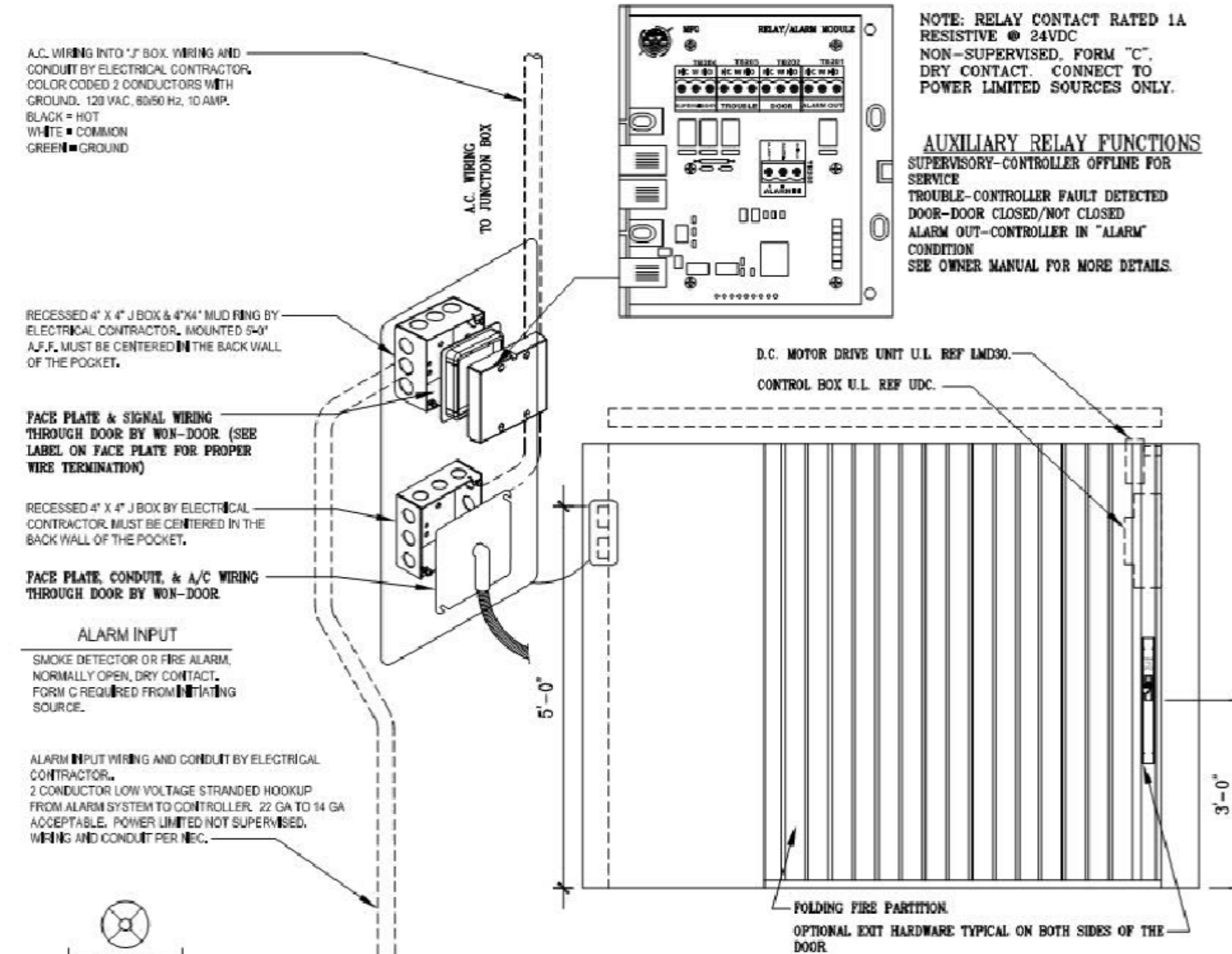
2 FIRE DOOR DETAIL
NTS

(1) 4" x 4" "J" BOXES RECESS MOUNTED 8-6" A.F.F. IN THE CENTER OF POCKET BY ELECTRICAL CONTRACTOR (ONLY FOR USE WITH OPTIONAL MODBUS ENABLED DOORS.)

(1) 4" x 4" "J" BOXES RECESS MOUNTED 5-0" A.F.F. CENTER OF POCKET BY ELECTRICAL CONTRACTOR (ONLY FOR USE WITH OPTIONAL SINGLE DOOR DISPLAY)

(1) 4" x 4" "J" BOXES RECESS MOUNTED 5-4" MAX. A.F.F. CENTER OF POCKET BY ELECTRICAL CONTRACTOR (ONLY FOR USE WITH KEY SWITCH AND OPTICAL OBSTRUCTION DETECTOR)

(2) 4" x 4" "J" BOXES RECESS MOUNTED 5-0" A.F.F. BY OTHERS



ADDITIONAL FEATURES AVAILABLE UPON REQUEST:

1. KEY SWITCH (ADD ADDITIONAL "J" BOX IN BACK OF POCKET WITH 2"x4" MUD RING AND CONDUIT TO "J" BOX LOCATED WITHIN LINE-OF-SIGHT OF THE PARTITION WITH 3 CONDUCTOR LOW VOLTAGE STRANDED WIRE 18ga MIN. 14ga MAX. BY ELECTRICAL CONTRACTOR)
2. SINGLE DOOR DISPLAY (ADD ADDITIONAL "J" BOX IN BACK OF POCKET WITH 2"x4" MUD RING AND CONDUIT TO "J" BOX LOCATED IN WALL NEAR DOOR LOCATION WITH CAT 3 CABLE OR BETTER BY ELECTRICAL CONTRACTOR)
3. OPTICAL OBSTRUCTION DETECTOR (ADD ADDITIONAL "J" BOX IN BACK OF POCKET WITH 4 CONDUCTOR 18ga WIRE BY ELECTRICAL CONTRACTOR)
4. MODELS (ADD ADDITIONAL "J" BOX IN BACK OF POCKET WITH 2"x4" MUD RING AND USOC RJ45 6 PINS 4 CONTACT JACK CONDUIT TO COM+/COM- INTERFACE WITH TWISTED PAIR COMMUNICATION CABLE BY ELECTRICAL CONTRACTOR)

3 FIRE DOOR WIRING DIAGRAM
NTS

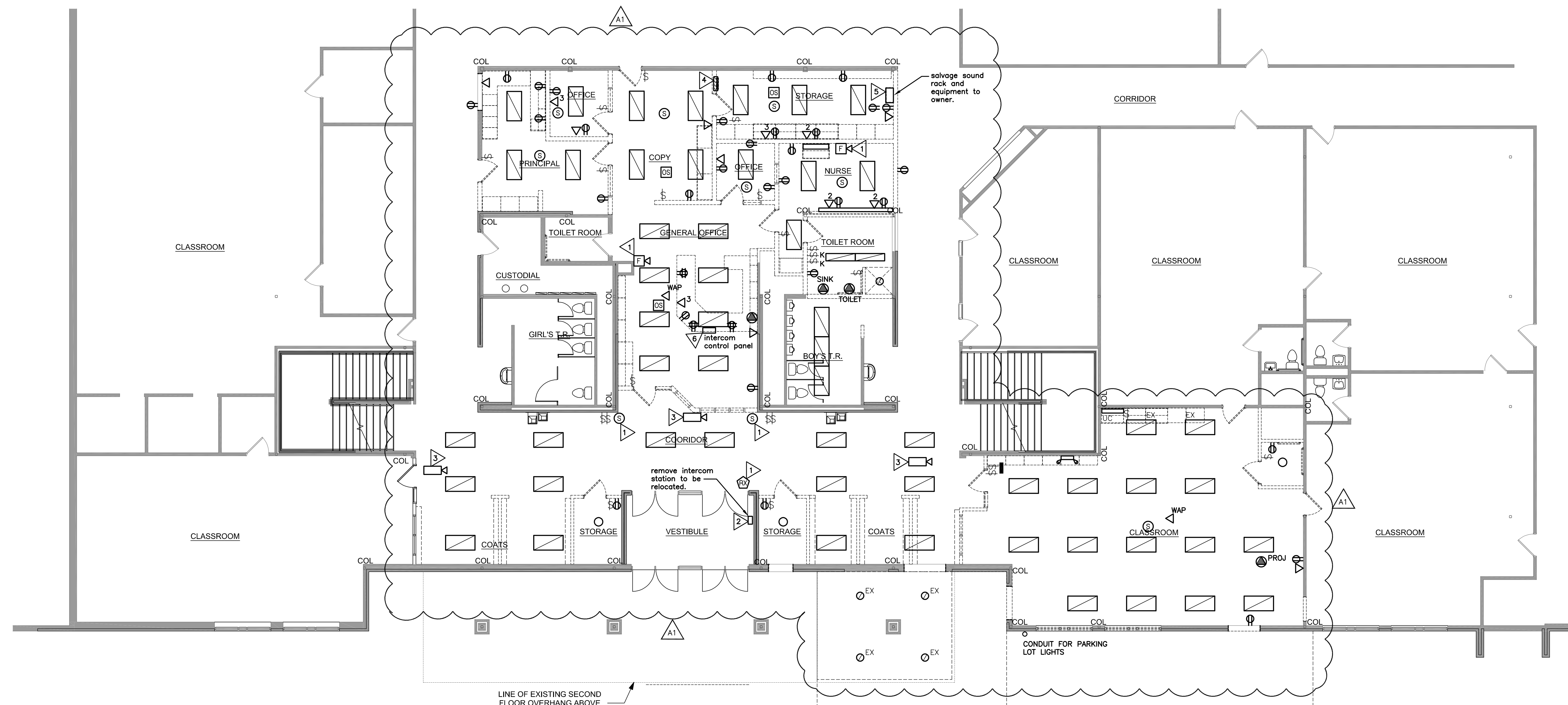
ELECTRICAL SYMBOLS

- LIGHTING FIXTURE DOWNLIGHT- RECESSED *
- ⊗ LIGHTING FIXTURE(S) - EMERGENCY CIRCUIT/BATTERY BODINE #B74CST*
- ⊙ LIGHTING FIXTURE (2'x2') - RECESSED *
- ⊠ LIGHTING FIXTURE (2'x2') - EMERGENCY CIRCUIT/BATTERY, BODINE #B50ST*
- ⊡ LIGHTING FIXTURE (2'x4') - RECESSED *
- ⊢ LIGHTING FIXTURE (2'x4') - EMERGENCY CIRCUIT/BATTERY, BODINE #B50ST *
- EXIT SIGN
- EMERGENCY LIGHTING UNIT *
- OCCUPANCY SENSOR *
- occ - DEVICE IS SET OR OPERATING AS OCCUPANCY SENSOR
vac - DEVICE IS SET OR OPERATING AS VACANCY SENSOR
- PC PHOTO CONTROLLER *
- RLM ROOM LIGHTING CONTROLLER *
- SWITCH - SINGLE POLE
3 - 3-WAY SWITCH
4 - 4-WAY SWITCH
D - DIMMER SWITCH
- ⊕ STANDARD SINGLE RECEPTACLE *
- ⊕ STANDARD DUPLEX RECEPTACLE - TAMPER RESISTANT *
- ⊕ "GFI" GROUND FAULT INTERRUPTING
- ⊕ DOUBLE DUPLEX RECEPTACLE - TAMPER RESISTANT *
- ⊕ FLUSH FLOOR BOX W/ DEVICE OR FITTING SPECIFIED *
- DISCONNECT SWITCH
- MOTOR STARTER
- MOTOR CONNECTION (NUMBER REFERS TO SCHEDULE)
- EQUIPMENT CONNECTION OR PROVISION (NUMBER REFERS TO SCHEDULE)
- PANELBOARD, TERMINAL CABINET
- ⊕ (VOICE) COMBINATION VOICE/DATA OUTLET **
- ⊕ (DATA) COMPUTER DATA OUTLET **
- CAMERA
- FACP FIRE CONTROL PANEL
- FAS FIRE ALARM MANUAL STATION
- FAS FIRE ALARM HORN/STROBE
- FAS FIRE ALARM STROBE UNIT ONLY
- S SMOKE DETECTOR
- H HEAT DETECTOR
- S₂ DUCT SMOKE DETECTOR WITH TWO AUXILIARY CONTACTS
- SDC SECURITY DOOR CONTACT
- SDM SECURITY MOTION DETECTOR
- KAS KEYCARD ACCESS STATION
- TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- JB JUNCTION BOX OR PULL BOX
- PS PUSHBUTTON STATION
- TO TELEVISION OUTLET
- C CLOCK
- MO MICROPHONE OUTLET
- SPEAKER *
- VOLUME CONTROL
- LEG TO PANEL
- NOTE NUMBER (REMOVAL)
- NOTE NUMBER (REMODEL)

* TYPE AS INDICATED WITH LETTER/NUMBER, REFER TO SPECIFICATIONS OR SCHEDULES.
** QUANTITIES OF CABLE DROPS AS INDICATED WITH NUMBER, REFER TO DRAWINGS, HEIGHTS AND LOCATIONS AS INDICATED ON DRAWINGS.
*** NUMBER REFERS TO LOW VOLTAGE LIGHTING RELAY, REFER TO SCHEDULE.

CONSTRUCTION NOTES: REMOVAL

- GENERAL NOTES:**
- REMOVE ALL ELECTRICAL DEVICES SHOWN AND ABANDON WIRING/CONDUIT BACK TO ELECTRICAL PANEL, CABINET, OR TERMINATION BOARD.
 - ELECTRICAL CONTRACTOR TO INCLUDE ALL DEVICES REQUIRED FOR REMOVAL. MAINTAIN OPERATION OF ALL EXISTING RECEPTACLES AND DEVICES TO REMAIN. PROVIDE NEW HOMERUNS OF CONDUIT/WIRING WHERE REQUIRED.
 - SALVAGE SPEAKERS AND VOLUME CONTROLS FOR REINSTALLATION, PROVIDE ADDITIONAL NEW SPEAKERS AND VOLUME CONTROLS IF REQUIRED.
 - PROVIDE COVER PLATES AT ALL OPEN DEVICES AND JUNCTION BOXES.
 - SALVAGE CLOCKS TO OWNER.
 - SALVAGE ALL SECURITY DEVICES, MOTION SENSORS, DOOR ACCESS DEVICES, CARD READERS, CAMERAS AND WIRELESS ACCESS DEVICES (WIFI) TO OWNER.
 - REMOVE DATA CABLES BACK TO RACK.
 - SALVAGE FIRE ALARM DEVICES FOR REINSTALLATION; VERIFY CANDELA RATINGS OF EXISTING STROBES AND PROVIDE NEW IF REQUIRED.
- SPECIFIC NOTES:**
- SALVAGE EXISTING DEVICE FOR REINSTALLATION.
 - SALVAGE INTERCOM STATION FOR REINSTALLATION BY THE OWNER.
 - SALVAGE CAMERAS FOR REINSTALLATION BY THE OWNER. EXISTING CAMERA CABLES TO REMAIN.
 - REMOVE EXISTING PANELBOARD AND FEEDER BACK TO SOURCE. CONTRACTORS OPTION TO SALVAGE PANEL FOR REINSTALLATION OR PROVIDE NEW PANELBOARD AND TVSS.
 - SALVAGE SOUND SYSTEM RACK AND EQUIPMENT TO OWNER.
 - SALVAGE EXISTING HONEYWELL CONTROL/POWER SUPPLY BOX FOR REINSTALLATION.



1 ELECTRICAL REMOVAL PLAN
1/8" = 1'-0"



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SCHOOL DISTRICT OF HOLMEN
VIKING ELEMENTARY SECURE ENTRY
ELECTRICAL REMOVAL PLAN
Project Location: 500 EAST WALL STREET
HOLMEN, WI 54636

Project Title:
HSR Project Number:
19022

Project Date:
JANUARY 2020

Drawn By:
SMG

Key Plan:

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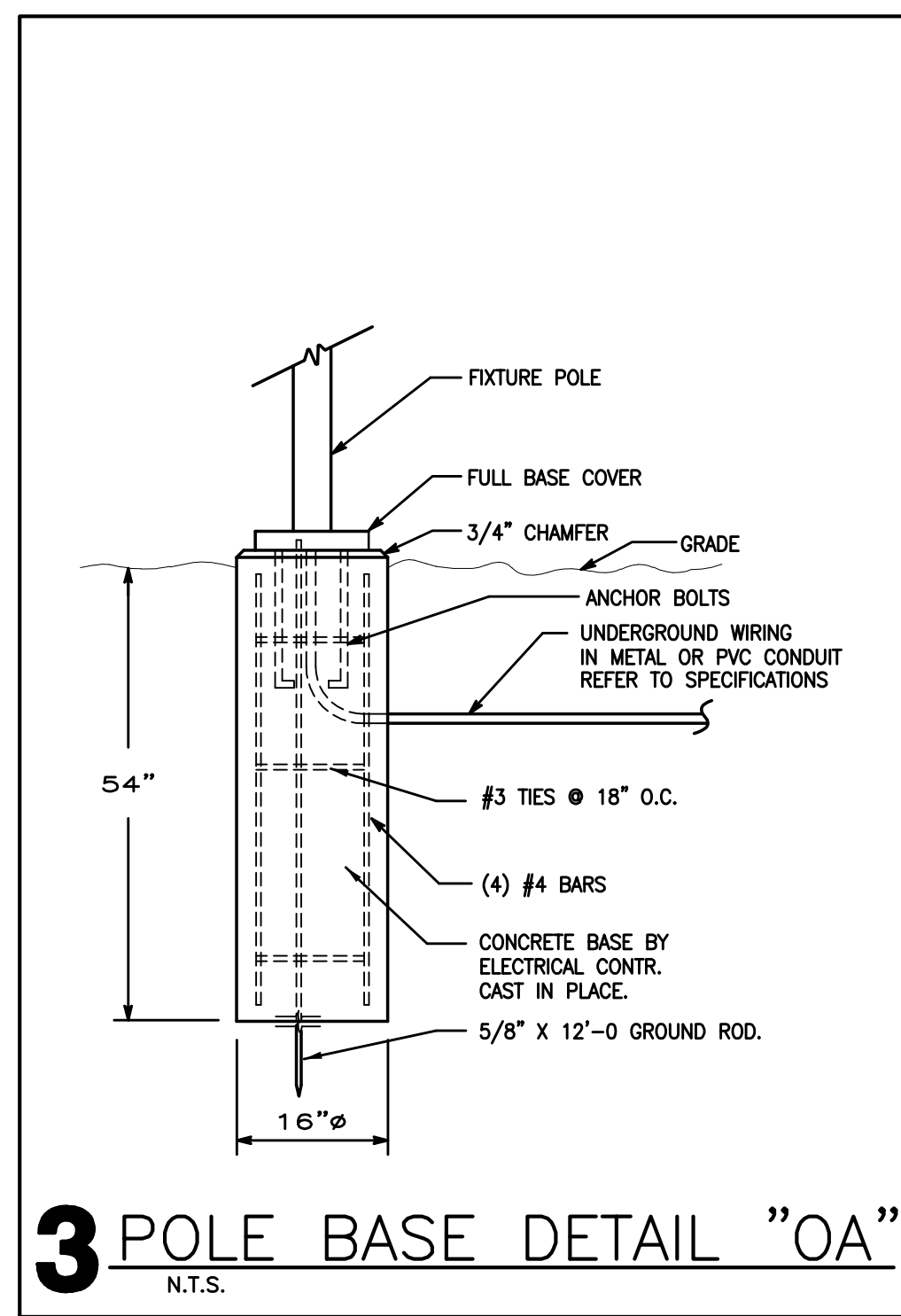
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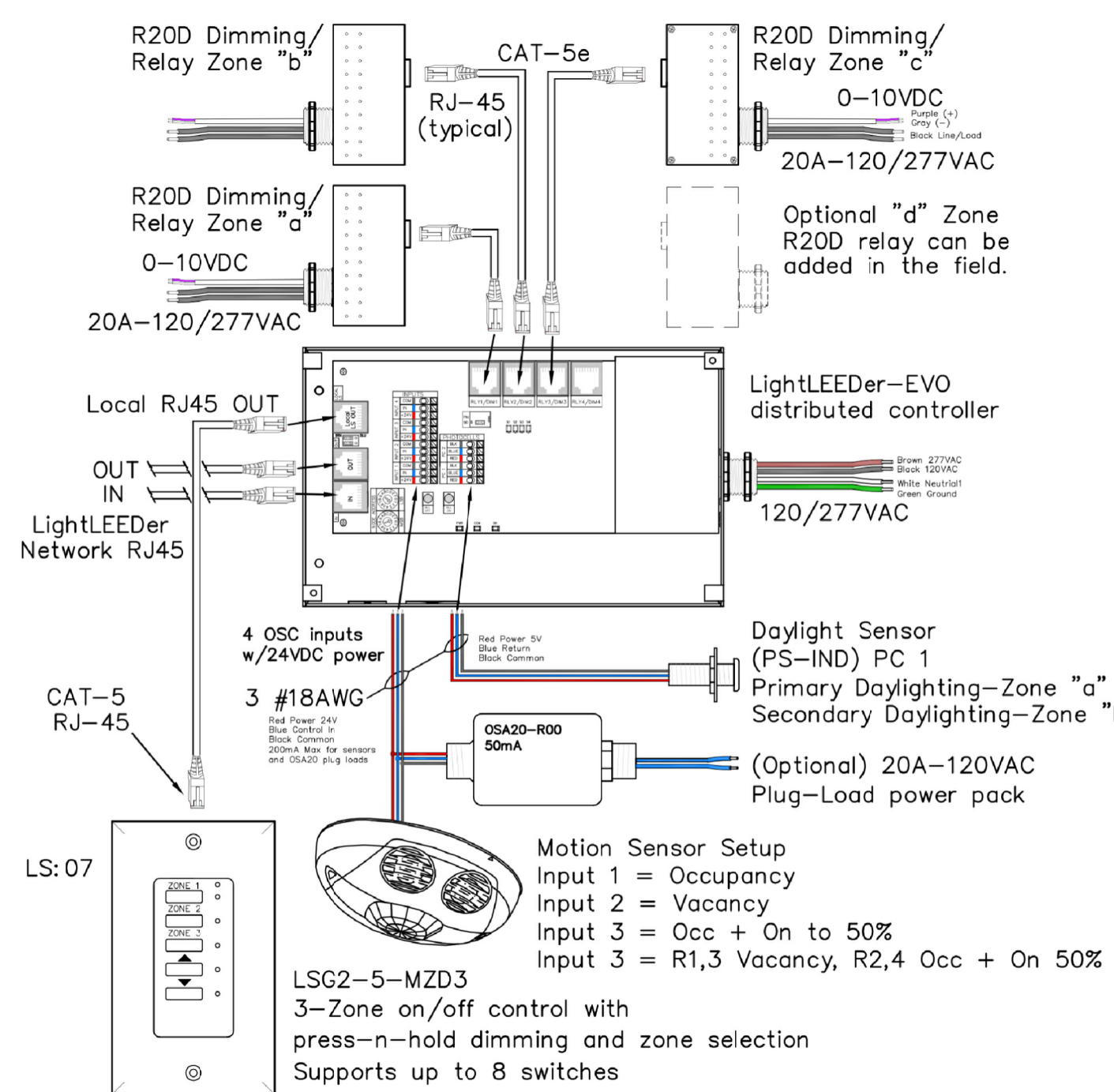
E090



4 LIGHT POLE "OA"
N.T.S.



3-Zone, 2-Daylight Zone



2 ROOM LIGHTING CONTROLLER
N.T.S.

LIGHTING FIXTURE SCHEDULE

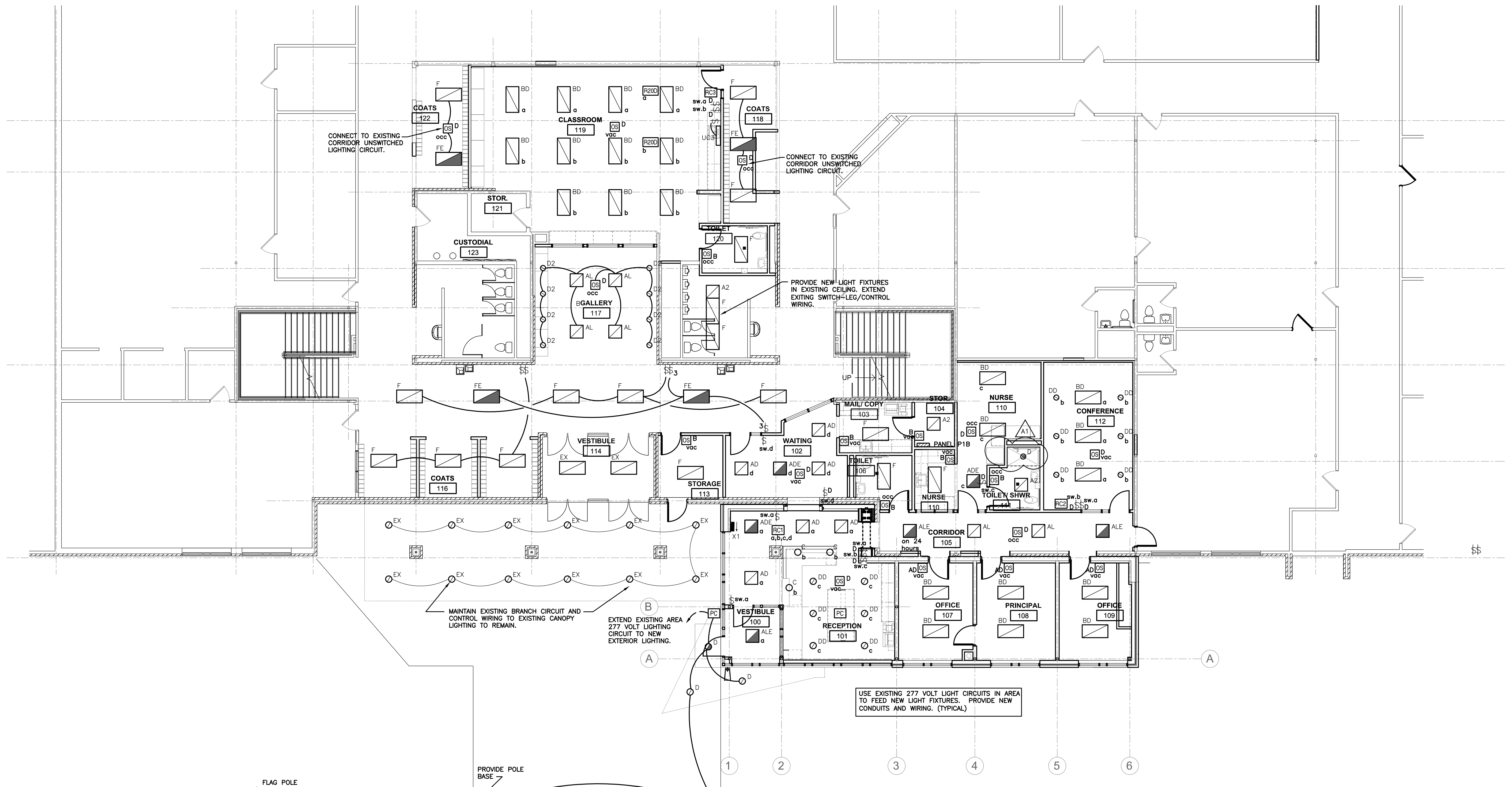
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	VOLT	MOUNTING **				LAMPS		REMARK NUMBER
					F	S	P	O	NO.	WATT	
A2	COLUMBIA	LJT22-40MWG-FSA12EU	2' X 2' LAY IN TROFFER	MVOLT	*				18	LED 4000K	1,4
AD	COLUMBIA	LSER22-40MLGC-ED1	2' X 2' LAY IN TROFFER, DIMMING TO 1%	MVOLT	*				31	LED 4000K	1,4
ADE	COLUMBIA	LSER22-40MLGC-ED1-ELL14	2' X 2' LAY IN TROFFER, DIMMING/EMERG. BATTERY	MVOLT	*				24	LED 4000K	1
AL	COLUMBIA	LSER22-40LWGC-F	2' X 2' LAY IN TROFFER, EMERGENCY BATTERY	MVOLT	*				24	LED 4000K	1
ALE	COLUMBIA	LSER22-40LWGC-F-ELL14	2' X 2' LAY IN TROFFER, EMERGENCY BATTERY	MVOLT	*				24	LED 4000K	1
BD	COLUMBIA	LSER24-40MLGC-ES1	2' X 4' LAY IN TROFFER, DIMMING TO 1%	MVOLT	*				42	LED 4000K	2,4
C	HALO	H25CN4HWH	PENDANT WITH FIELD ADJUSTABLE CORD	120/24		*			10	10MR16 4000K	5
D	PRESCOLITE	LF4LS-4LFS11L40K	4" LED DOWNLIGHT	MVOLT	*				15.5	4000K	6
D2	PRESCOLITE	D2LED-EDM-2D9LED940KFL45	2" LED DOWNLIGHT	MVOLT	*				13	4000K	6
DD	PRESCOLITE	LF4LSDM1-4LFS11L40K	4" LED DOWNLIGHT, DIMMING TO 1%	MVOLT	*				15.5	4000K	6,4
EM	DUAL-LITE	PGR-Z	EMERGENCY EGRESS LIGHT	MVOLT	*				445LU	4000K	
F	COLUMBIA	LJT24-40MWG-FSA12EU	2' X 4' LAY IN TROFFER	MVOLT	*				31	LED 4000K	2
FE	COLUMBIA	LJT24-40MWG-FSA12EU-ELL14	2' X 4' LAY IN TROFFER WITH EMERG. BATTERY	MVOLT	*				31	LED 4000K	2
UC3	FAIL-SAFE	UOL3LD4-40A12125	UNDER CABINET LIGHT	MVOLT	*				18,3	4000K	
X1	COMPASS	CER	EXIT LIGHT, RED LETTERS AND BATTERY	MVOLT	*				2.6	LED	7
EX	EXISTING		EXISTING LIGHT FIXTURE TO REMAIN								3
OA	STERNBERG LIGHTING	SL660 SOLONA-12L40TMDL018	AREA LIGHT WITH 10' POLE AND BRONZE FINISH	MVOLT	*				61	4000K	8
OB	BEACON	CDT24NB-554K-SX3-HV-YK-BZT	FLAG POLE LIGHTING	MVOLT	*				55	4000K	9

* SEE REMARKS
** (F) FLUSH MOUNT; (S) SURFACE MOUNT; (P) PENDANT HUNG; (O) OTHER-SEE REMARKS IN REGARDS TO FIXTURE MOUNTING.

LIGHTING FIXTURE SCHEDULE REMARKS:

- 2' X 2' LENSED LED LAY-IN TROFFER.
- 2' X 4' LENSED LED LAY-IN TROFFER.
- EXISTING LIGHT FIXTURE TO REMAIN. EXTEND BRANCH CIRCUIT WIRING AND SWITCH-LEG WIRING AS REQUIRED TO KEEP LIGHTS ACTIVATED.
- PROVIDE WITH DIMMING DRIVER DOWN TO 1%.
- WHITE GLASS PENDANT WITH LED MR16 LAMP AND FIELD ADJUSTABLE CORD.
- LED DOWNLIGHT.
- EXIT LIGHT, WITH EMERGENCY BATTERY, RED LETTERS, WHITE FINISH.
- SL660-12L40TMDL018-5V1-UB. PROVIDE 10' POLE WITH MATCHING FINISH.
- PROVIDE WITH HALF VISOR AND BRONZE FINISH. YOKE MOUNTED TO TOP OF CAST BOX AS REQUIRED.

EQUAL FIXTURES BY COOPER LIGHTING, HUBBELL LIGHTING, LITHONIA AND PHILLIPS/DAY-BRITE ARE ACCEPTABLE.



1 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

Revisions:	No.	Description	Date
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VIKING ELEMENTARY SECURE ENTRY
ELECTRICAL POWER PLAN

Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

19022

JANUARY 2020

SMG

Key Plan:

Revisions:	No.	Description	Date
	A1	ADDENDUM 1	1/21/20

Last Update: 1/7/2020

E101

PANELBOARD SCHEDULE																
PANEL TYPE	ROOM NO.	MFR. TYPE	MOUNT	SIZE	MAINS					BRANCHES					REMARK NUMBER	
					ELECTRICAL SERVICE	AMP.	LUSS	SWITCH	FEED THRU LUGS	NO.	AMP.	POLE	CIRCUIT NUMBERS	SPACE		
P1B	ELEC. E100	SQ. D NQ	X	20"	5.75"	120/208 VOLT 3 PH. 4 WIRE	100	X			16	20	1	P1B-1, 2-32		1
											6	20	1	SPARES		

* SEE REMARKS

PANELBOARD SCHEDULE REMARKS:
1. PROVIDE NEW 42 SPACE PANELBOARD WITH THIS PROTECTION; OR REUSE EXISTING GE PANEL TO BE REMOVED AND REINSTALL AT NEW LOCATION. PROVIDE NEW SURFACE BACKBOX NEW FRONT PANEL COVER/DOOR AND ADDITIONAL CIRCUIT BREAKERS. CONTRACTORS OPTION TO PROVIDE NEW PANEL OR REUSE EXISTING.

EQUIPMENT SCHEDULE									
MARK NUMBER	EQUIPMENT DESCRIPTION	LOCATION ROOM NUMBER	RATING				WIRING		REMARK NUMBER
			K.W.	H.P.	VOLT	PH.	SIZE CONDUCTORS	GROUND	
DO	DOOR OPERATORS	SEE DRWGS.	.80		120	1	2 #12	#12	
PS	PADDLE STATION	SEE DRWGS.	.25		120/24	1	2 #12	#12	1
ES	ELECTRIC DOOR STRIKE	SEE DRWGS.	.25		120/24	1	2 #12	#12	2
FD	FIRE DOOR	SEE DRWGS.	1.20		120	1	2 #12	#12	3
CHU-1	CABINET HEATER	VEST. 100	.25		120	1	2 #12	#12	
CHU-2	CABINET HEATER	STOR.113	.25		120	1	2 #12	#12	
EF-1	EXHAUST FAN	CORR. 105	.25		120	1	2 #12	#12	
RTU-1	ROOF TOP UNIT	EXTERIOR	15.0		480	3	3 #10	#10	

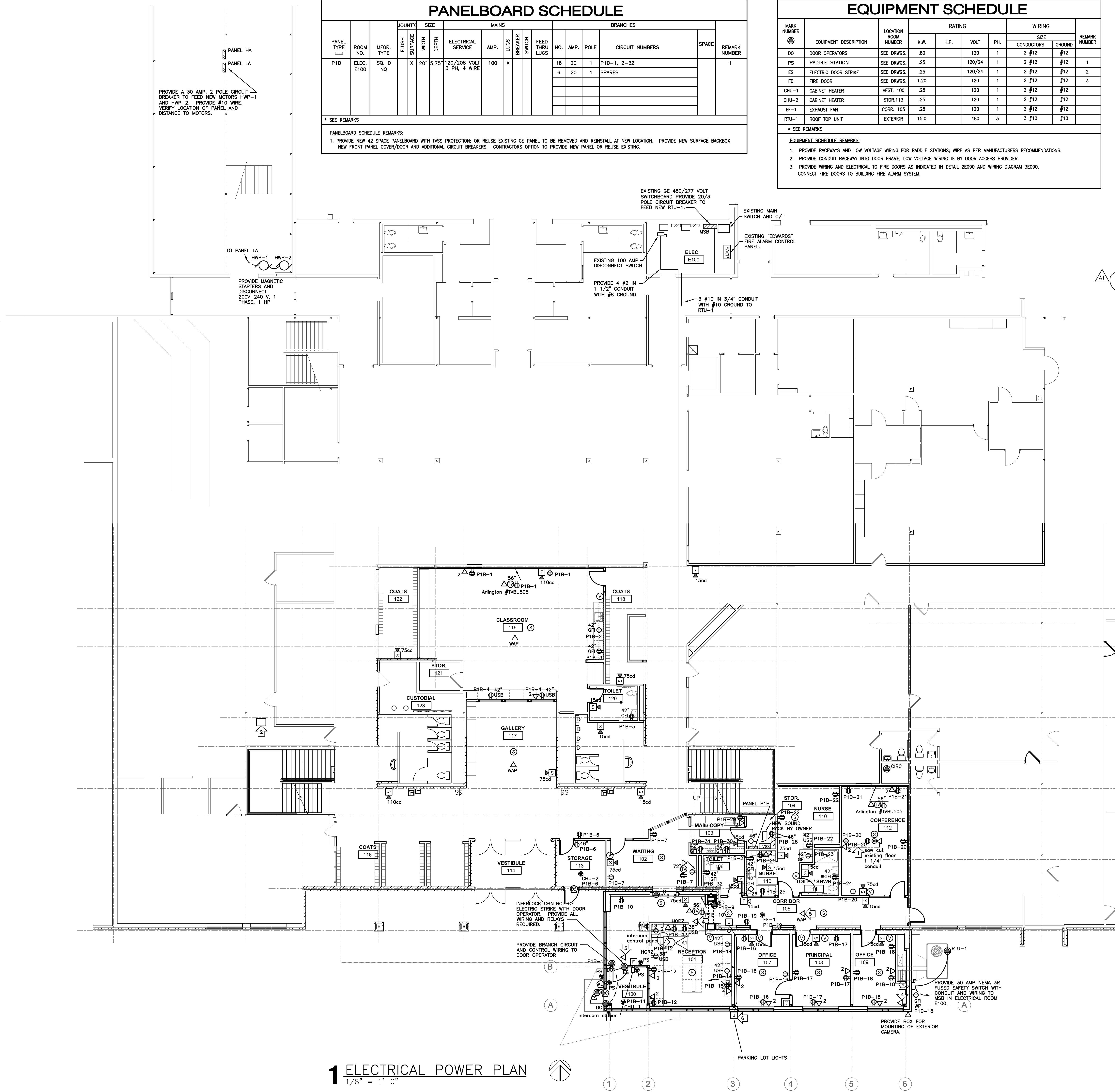
* SEE REMARKS

EQUIPMENT SCHEDULE REMARKS:
1. PROVIDE RACEWAYS AND LOW VOLTAGE WIRING FOR PADDLE STATIONS, WIRE AS PER MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE CONDUIT RACEWAY INTO DOOR FRAME. LOW VOLTAGE WIRING IS BY DOOR ACCESS PROVIDER.
3. PROVIDE WIRING AND ELECTRICAL TO FIRE DOORS AS INDICATED IN DETAIL 20290 AND WIRING DIAGRAM 3E090, CONNECT FIRE DOORS TO BUILDING FIRE ALARM SYSTEM.

CONSTRUCTION NOTES: REMODEL

GENERAL NOTES:
a. ALL ELECTRICAL DEVICES SHOWN TO BE NEW, UNLESS INDICATED OTHERWISE.
b. MAINTAIN OPERATION OF ALL EXISTING ELECTRICAL DEVICES, EXTEND WIRING/CONDUIT TO LIGHTS, RECEPTACLES, CLOCKS, INTERCOM, SPEAKERS, ETC.
c. PROVIDE GROUND CONDUCTOR IN ALL NEW CONDUITS.
d. REINSTALL EXISTING SMOKE DETECTORS, SPEAKERS, AND FIRE ALARM HORN/STROBES WHERE INDICATED. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED.
e. PROVIDE FIRE STOPPING AND SMOKE DRAFT STOPPING AT ALL CONDUIT PENETRATIONS. REFER TO SPECIFICATION SECTION 07840 FOR FIRE RESISTIVE AND NON-FIRE RESISTIVE ASSEMBLIES.
f. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR EACH BRANCH CIRCUIT. (NO COMMON NEUTRALS)
g. PROVIDE CONDUIT RACEWAYS INTO DOOR FRAMES FOR OWNER WIRING OF ELECTRIC STRIKES AND DOOR CONTACTS.
h. PROVIDE BOXES AND RACEWAYS FOR CARD READERS TO BE INSTALLED BY THE OWNER.
i. CAMERAS AND MOTION DETECTION DEVICES TO BE INSTALLED AND WIRED BY THE OWNER.

SPECIFIC NOTES:
1. SAW-CUT EXISTING CONCRETE FLOOR FOR INSTALLATION OF NEW FLOOR BOX AND CONDUIT RACEWAYS.
2. EXISTING DATA RACK ON SECOND FLOOR. ROUTE ALL NEW DATA CABLES TO THIS LOCATION. VERIFY ROUTING AND DISTANCE. OWNER TO PROVIDE AN ADDITIONAL PATCH IF REQUIRED.
3. PROVIDE DATA CABLE ABOVE CEILING WITH 10' OF SLACK FOR OWNER SECURITY/MONITORING EQUIPMENT.
4. PROVIDE DATA CABLE ABOVE CEILING WITH 10' OF SLACK FOR OWNER CAMERA.
5. PROVIDE DATA CABLE ABOVE CEILING WITH 10' OF SLACK FOR OWNER WIRELESS ACCESS POINT.
6. EXTEND EXISTING CONDUIT AND CONDUCTORS FOR EXISTING PARKING LOT LIGHTS. PROVIDE ALL TRENCHING REQUIRED, JUNCTION BOXES AND FEEDINGS AS REQUIRED.
7. REINSTALL EXISTING INTERCOM CONTROL PANEL AND STATION. PROVIDE INTERCONNECTING RACEWAY AND WIRING, MATCH EXISTING WIRES AND CABLING.



1 ELECTRICAL POWER PLAN
1/8" = 1'-0"