

ADDENDUM NO. 02

PROJECT: **VIGO COUNTY SECURTY CENTER**
Terre Haute, Indiana 47807

TO: All Prospective Bidders and others to whom Plans and Specifications for the above referenced Project have been issued.

OWNER: **VIGO COUNTY BOARD OF COMMISSIONERS**
650 South 1st Street
Terre Haute, IN 47807
812.231.6200

ARCHITECT: **DLZ INDIANA, LLC**
157 East Maryland Street
Indianapolis, Indiana 46204
317.633.4120
DLZ Project Number: 1663-1190-90

CONSTRUCTION **GARMONG CONSTRUCTION SERVICES**
MANAGER: 3050 Poplar Street
Terre Haute, IN 47803
812.234.1403

DATE: **September 19, 2019**

The items included in this Addendum are to become a part of the original Contract Documents including Drawings and Project Manual dated September 05, 2019 as if included herein. Only these items are to be altered. The remainder of the original Drawings and Project Manual remain valid in their entirety. Bidders must acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject the Bidder to disqualification.

PROJECT MANUAL – VOLUME 1

ITEM NO. 1. TABLE OF CONTENTS

- a. Revise Section “007226 General Conditions” to read “007216 General Conditions”.
- b. Delete Section “014551 Testing Facilities and Controls”.
- c. Add Section “014510 Testing Laboratory Services”.
- d. Add Section “017329 Cutting and Patching”.
- e. Add Section “115313 Laboratory Fume Hood”.
- f. Change Section “230523 Globe Valves” for HVAC Piping to “230523.11”.
- g. Change Section “230548 Vibration Controls for HVAC Piping and Equipment” to “230548.13”.
- h. Change Section “316400 STONE COLUMNS” to “316400 ENGINEERED AGGREGATE PIERS”

ITEM NO. 2. 004313 BID SECURITY

- a. Paragraph 1.1.B; revise the bid security amount to 5%

ITEM NO. 3. 011200 BP GENERAL TRADES

- a. Replace Bid Package No. 1 Scope of Work in its entirety with the attached.

- b. Replace Bid Package No. 3 Scope of Work in its entirety with the attached.
- c. Replace Bid Package No. 4 Scope of Work in its entirety with the attached.
- d. Replace Bid Package No. 6 Scope of Work in its entirety with the attached.
- e. Replace Bid Package No. 9 Scope of Work in its entirety with the attached.
- f. Replace Bid Package No. 10 Scope of Work in its entirety with the attached.
- g. Replace Bid Package No. 11 Scope of Work in its entirety with the attached.
- h. Replace Bid Package No. 13 Scope of Work in its entirety with the attached

ITEM NO. 4. SECTION 012300 – ALTERANTES

- a. Alternate No.5 - Square D Electrical Panels – Add sentence “Alternate maybe ignored if Square D panels are base bid.”
- b. Alternate No.6 - Honeywell Fire Alarm System – Add sentence “Alternate maybe ignored if Honeywell Fire Alarm products are base bid.”

PROJECT MANUAL – VOLUME 2**ITEM NO. 5. SECTION 033000 – CAST-IN-PLACE CONCRETE**

- c. Paragraph 2.3.A.1.c. Revise to read “ISO Building Products; Viper II 15 mil”

ITEM NO. 6. SECTION 034100 – PRECAST STRUCTURAL CONCRETE

- a. Sentence 1.2.B.12: Added this specification section “Interior Painting”.
- b. Sentence 1.2.B.12: This sentence becomes 1.2.B.13.
- c. Sentence 1.2.B.13: This sentence becomes 1.2.B.14.
- d. Sentence 1.2.B.14: This sentence becomes 1.2.B.15.
- e. Sentence 1.2.B.15: This sentence becomes 1.2.B.16.
- f. Section 1.7.I.4: Added this sentence.
- g. Section 2.2.B, 1 and 2: Revised this section.
- h. Section 2.2.C: Delete this sentence add “Not Used”.
- i. Section 2.4.A.1: Revised this sentence.
- j. Section 2.4.A.2: Added this sentence.
- k. Section 2.6: “Stainless-Steel Connection Materials” delete this section add “Not Used”.
- l. Section 2.9.B and 1: Added these sentences.
- m. Section 2.10.A: “Concrete Mixtures” added this section.
- n. Section 2.10.A: Becomes 2.10.B.
- o. Section 2.10.B: Becomes 2.10.C.
- p. Section 2.10.C: Becomes 2.10.D.
- q. Section 2.10.D: Becomes 2.10.E.
- r. Section 2.10.E: Becomes 2.10.F.
- s. Section 2.10.F: Becomes 2.10.G.
- t. Section 2.10.G: Becomes 2.10.H.
- u. Section 2.10.H: Becomes 2.10.I.
- v. Section 2.10.I: Becomes 2.10.J.
- w. Section 2.12.Q.3: Deleted “fiber”.
- x. Section 2.12.Q.3, a, b, and c: Delete these items.
- y. Section 2.16.A.2: Revised this sentence.
- z. Section 2.16.A.3.a: Revised this sentence.
- aa. Section 2.16.A.4, a and b: Added these sentences.

ITEM NO. 7. SECTION 061600 – SHEATHING

- a. Section 2.1.A.3: Revised to 5/8”.

ITEM NO. 8. SECTION 074243 – MODULAR METAL WALL, ROOF AND SOFFIT PANELS

- a. Paragraph 2.2.A.1.e. Add Castle Metal Products as a manufacturer.

ITEM NO. 9. SECTION 075423 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- a. Paragraph 1.11.A.3. Added this sentence for warranty.
- b. Paragraph 2.2.A.3. Added (“or as required for a 30-year warranty”).

ITEM NO. 10. SECTION 114000– FOOD SERVICE EQUIPMENT

1. Equipment. Added Items 43 thru 46.
2. Equipment. Added Items 51 thru 57.

ITEM NO. 11. SECTION 115313– LABORATORY FUME HOODS

- a. Added this specification section.

ITEM NO. 12. SECTION 123216 MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK

- a. Paragraph 2.1.A.10. Add “Euronique, Inc. as a manufacturer.

ITEM NO. 13. SECTION 135500 Prefabricated Modular Steel Cells

- a. Replace specification section in its entirety with attached specifications.

PROJECT MANUAL – VOLUME 3

No changes

PROJECT MANUAL – VOLUME 4

ITEM NO. 14. SECTION 263213 – ENGINE GENERATORS

- a. Delete Subparagraph 2.9.B.2 in its entirety.
- b. Add Subparagraph 2.9.C.6 as follows: “6. Strip Heater.”

ITEM NO. 15. SECTION 271500 – COMMUNICATIONS HORIZONTAL CABLING

- a. Add section with attached in its entirety.

ITEM NO. 16. SECTION 274133 – MASTER ANTENNA TELEVISION SYSTEM

- a. Add section with attached in its entirety.

ITEM NO. 17. SECTION 280500 Common Work Results for Electronic Safety and Security

- a. Revised spec section for Addendum 2. Section 1.5.A.5.c. Added Stanley Convergent Security Solutions.

ITEM NO. 18. SECTION 316400 – STONE COLUMNS

- a. Remove this specification in its entirety and replace with section 316400 “ENGINEERED AGGREGATE PIERS”.

DRAWINGS – VOLUME I

ITEM NO. 19. DRAWING S-103-B – ROOF FRAMING PLAN – AREA B

- a. Remove sheet S-103-B and replace with S-103-B dated 9/19/19. HSS beams added to corridor skylights for support of security screen.

ITEM NO. 20. DRAWING S-103-C – ROOF FRAMING PLAN – AREA C

- a. Remove sheet S-103-C and replace with S-103-C dated 9/19/19. Changes are individually clouded.

ITEM NO. 21. DRAWING S-103-D – ROOF FRAMING PLAN – AREA D

- a. Remove sheet S-103-D and replace with S-103-D dated 9/19/19. Changes are individually clouded.

ITEM NO. 22. DRAWING S-103-E – ROOF FRAMING PLAN – AREA E

- a. Remove sheet S-103-E and replace with S-103-E dated 9/19/19. Changes are individually clouded.

ITEM NO. 23. DRAWING S-540 – TYPICAL MASONRY DETAILS AND SECTIONS - 1

- a. Remove sheet S-540 and replace with S-540 dated 9/19/19. Changes are individually clouded.

ITEM NO. 24. DRAWING S-552 – TYPICAL FRAMING DETAILS AND SECTIONS - 3

- a. Remove sheet S-552 and replace with S-552 dated 9/19/19. Changes are individually clouded.

ITEM NO. 25. DRAWING S-554 – FRAMING DETAILS AND SECTIONS - 5

- a. Remove sheet S-554 and replace with S-554 dated 9/19/19. Changes are individually clouded.

ITEM NO. 26. DRAWING S-701 – LOADING DIAGRAM - 1

- a. Remove sheet S-701 and replace with S-701 dated 9/19/19. Changes are individually clouded.

ITEM NO. 27. DRAWING S-702 – LOADING DIAGRAM - 2

- a. Remove sheet S-701 and replace with S-701 dated 9/19/19. Changes are individually clouded.

ITEM NO. 28. DRAWING S-703 – LOADING DIAGRAMS - 3

- a. Remove sheet S-703 and replace with S-703 dated 9/19/19. Changes are individually clouded.

DRAWINGS – VOLUME 2

ITEM NO. 29. DRAWING A-124 – SKYLIGHT DETAILS

- a. Skylight Detail 3
 - 1. Revise steel framing at security barrier and metal deck.
- Flat Skylight Curb Detail 5.
- 2. Revised steel framing at security barrier and metal deck.

ITEM NO. 30. DRAWING A-324 – WALL SECTIONS

- a. Wall Section 4.
 - 1. Revise steel framing at security barrier and metal deck.

ITEM NO. 31. DRAWING A-331 – WALL SECTIONS

- a. Wall Section 1.
 - 1. Dayroom Frame.
 - a) Delete double rabbeted frame and substitute single rabbeted frame.
 - b) 1-hour fixed DHM panel and 7-guage plate above the ceiling lines corrected.
 - c) Mineral wool insulation added to wall at 1-hour Corridor Assembly.
 - d) UL Design Number I504 added to 1-hour Corridor Assembly.
 - e) Additional dimensions added to clarify frame member size and locations
- b. Wall Section 4.
 - 1. Add notes of “STEEL TUBE” & “STEEL ANGLE”
 - 2. Adjust location of tube steel.
 - 3. Revise FIXED WOVEN ROD SECURITY BARRIER configuration.
 - 4. Add Room Name for “2-D MEZZANINE” & Room Number “E2080”.

ITEM NO. 32. DRAWING A-334 – WALL SECTIONS

- a. Wall Section 4.
 - 1. Revised wall section at skylight.

ITEM NO. 33. DRAWING A-604 – DOOR & WINDOW TYPES

- a. Frame Elevation F-15. Additional dimensions added to clarify frame member size and locations.
 - 1. Extend end frames vertically to bottom of structure above and provide 1” vertical slip connection.
 - 2. Added note for “1 HR RATED DHM PANEL.”
- b. Frame Elevations F-17 and F-17A. Additional dimensions added to clarify frame member size and locations.
 - 1. Extend end frames vertically to bottom of structure above and provide 1” vertical slip connection.
 - 2. Revise the note “METAL PANEL” to read “7 GA STEEL PLATE”.
 - 3. Revise the note “1 HR RATED METAL PANEL SYSTEM” to read “1-HR FIRE-RATED DHM PANEL”.
 - 4. Note location of 18’-6” ceiling line.
- c. Frame Elevation F-17B. Additional dimensions added to clarify frame member size and locations.
 - 1. Extend end frames vertically to bottom of structure above and provide 1” vertical slip connection.
 - 2. Added note for “1 HR RATED DHM PANEL.”

ITEM NO. 34. DRAWING A-605 – DOOR & WINDOW TYPES

- a. Borrowed Lite Elevation BL-7.
 - 1. Extend end frames vertically to bottom of structure above and provide 1” vertical slip connection.
 - 2. Deleted stray lines to clarify frame members.
- b. Borrowed Lite Elevation BL-8.
 - 1. Extend end frames vertically to bottom of structure above and provide 1” vertical slip connection.

ITEM NO. 35. DRAWING FS 112 – FOODSERVICE DUCTWORK SCHEDULE

- a. New Sheet Added
- b. Former Sheet FS 112 is now FS 116

ITEM NO. 36. DRAWING FS 113– FOODSERVICE DUCTWORK ELEVATION

- a. New Sheet Added
- b. Former Sheet FS 113 is now FS 117

ITEM NO. 37. DRAWING FS 114 – FOODSERVICE DUCTWORK ELEVATION

- a. New Sheet Added
- b. Former Sheet FS 114 is now FS 118

ITEM NO. 38. DRAWING FS 115– FOODSERVICE DUCTWORK

- a. New Sheet Added
- b. Former Sheet FS 115 is now FS 119

ITEM NO. 39. DRAWING FS 116 – FOODSERVICE WALK IN DRAWINGS

- a. Sheet Number Change
- b. Was Sheet FS 112 now FS 116

ITEM NO. 40. DRAWING FS 117– FOODSERVICE WALK IN DRAWINGS

- a. Sheet Number Change
- b. Was Sheet FS 113 now FS 117

ITEM NO. 41. DRAWING FS 118 – FOODSERVICE WALK IN DRAWINGS

- a. Sheet Number Change
- b. Was Sheet FS 112 now FS 118

ITEM NO. 42. DRAWING FS 119– FOODSERVICE WALK IN DRAWINGS

- a. Sheet Number Change
- b. Was Sheet FS 113 now FS 119

DRAWINGS – VOLUME 3

Not applicable

DRAWINGS – VOLUME 4**ITEM NO. 43. DRAWING E-202-BC – PENTHOUSE PLAN - ELECTRICAL**

- a. Replace drawing in its entirety with attached.

ITEM NO. 44. DRAWINGS ES-104 - FIRST FLOOR SECURITY ELECTRONICS PLAN - AREA D

- a. Added electric door control to door D1032

QUESTIONS AND ANSWERS

1. Question: Is exterior sheathing all plywood? I do not see where it calls out what type it is. Specs calls out for gypsum sheathing and plywood. Please confirm.

Answer: Plywood sheathing is noted as plywood in details. Sheathing is noted in wall sections. Specification 061600 was revised in Addendum #02 for gyp sheathing to be 5/8" in lieu of 1/2".

ATTACHMENTS:**PROJECT MANUAL – VOLUME 1**

1. 011200 BP GENERAL TRADES

PROJECT MANUAL – VOLUME 2

1. 033000 FL - Cast-In-Place Concrete
2. 074240 Modular Metal Wall Panels
3. 075423 FL - Thermoplastic Polyolefin (TPO) Roofing
4. 114000 - FOOD SERVICE EQUIPMENT
5. 115313 FL - Laboratory Fume Hoods
6. 123216 FL - MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK

PROJECT MANUAL – VOLUME 3

Not applicable

PROJECT MANUAL – VOLUME 4

1. SECTION 271500 COMMUNICATIONS HORIZONTAL CABLING
2. SECTION 274133 MASTER ANTENNA TELEVISION SYSTEM

DRAWINGS – VOLUME 1

1. S-103-B ROOF FRAMING PLAN – AREA B
2. S-103-C ROOF FRAMING PLAN – AREA C
3. S-103-D ROOF FRAMING PLAN – AREA D
4. S-103-E ROOF FRAMING PLAN – AREA E
5. S-540 TYPICAL MASONRY DETAILS AND SECTIONS - 1
6. S-552 TYPICAL FRAMING DETAILS AND SECTIONS - 3
7. S-554 FRAMING DETAILS AND SECTIONS
8. S-701 LOADING DIAGRAM - 1
9. S-702 LOADING DIAGRAM - 2
10. S-703 LOADING DIAGRAM - 3

DRAWINGS – VOLUME 2

1. A-124 SKYLIGHT DETAILS
2. A-324 WALL SECTIONS
3. A-331 WALL SECTIONS
4. A-604 DOOR & WINDOW TYPES
5. A-605 DOOR & WINDOW TYPES
6. FS 112 FOODSERVICE DUCTWORK SCHEDULE
7. FS 113 FOODSERVICE DUCTWORK ELEVATION
8. FS 114 FOODSERVICE DUCTWORK ELEVATION
9. FS 115 FOODSERVICE DUCTWORK
10. FS 116 FOODSERVICE WALK IN DRAWINGS
11. FS 117 FOODSERVICE WALK IN DRAWINGS
12. FS 118 FOODSERVICE WALK IN DRAWINGS
13. FS 119 FOODSERVICE WALK IN DRAWINGS

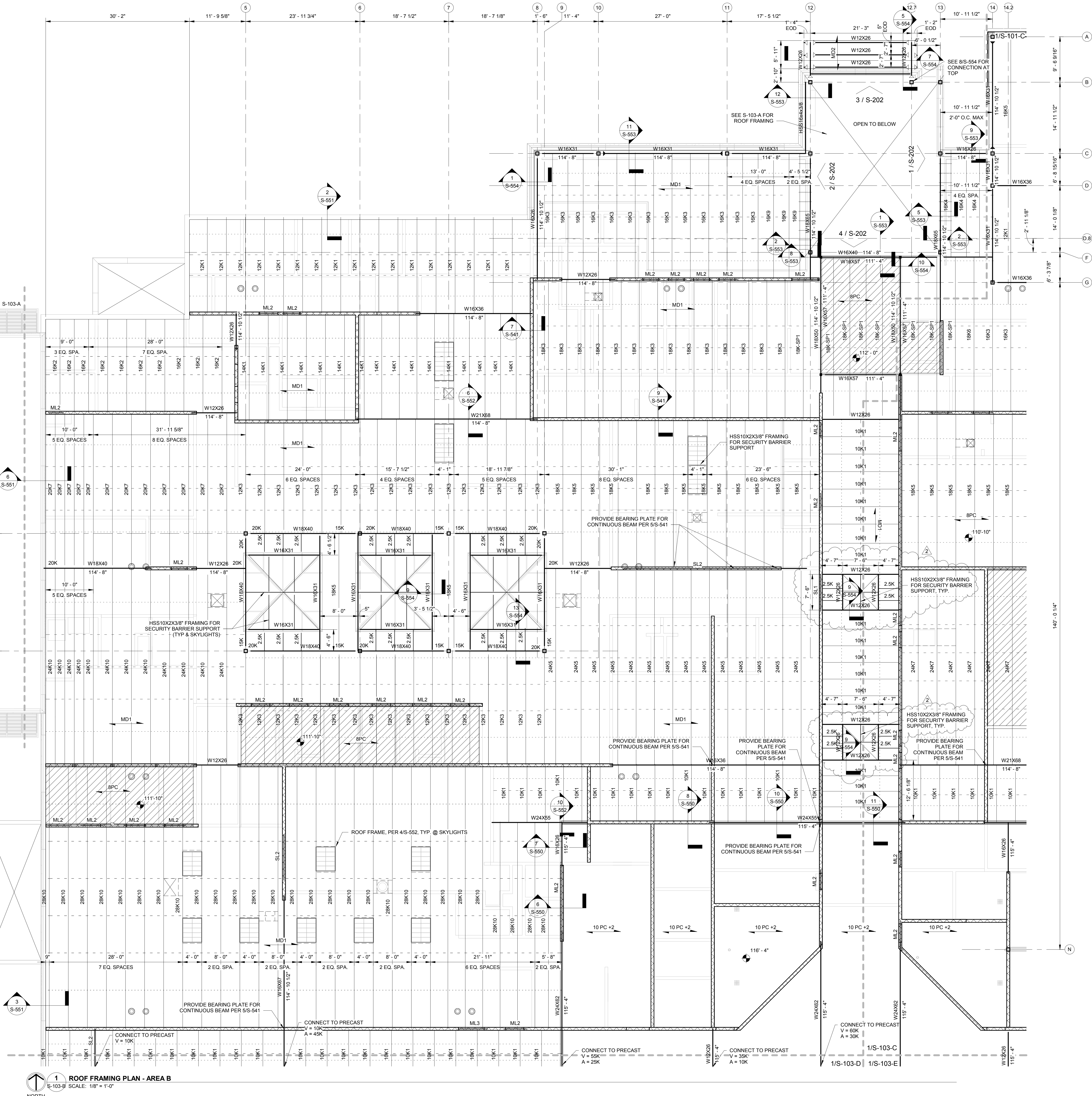
DRAWINGS – VOLUME 3

Not applicable

DRAWINGS – VOLUME

1. E-202-BC PENTHOUSE PLAN - ELECTRICAL
2. ES-104 FIRST FLOOR SECURITY ELECTRONICS PLAN - AREA D

END OF ADDENDUM NO. 02



1 ROOF FRAMING PLAN - AREA B
S-103-B SCALE: 1/8" = 1'-0"

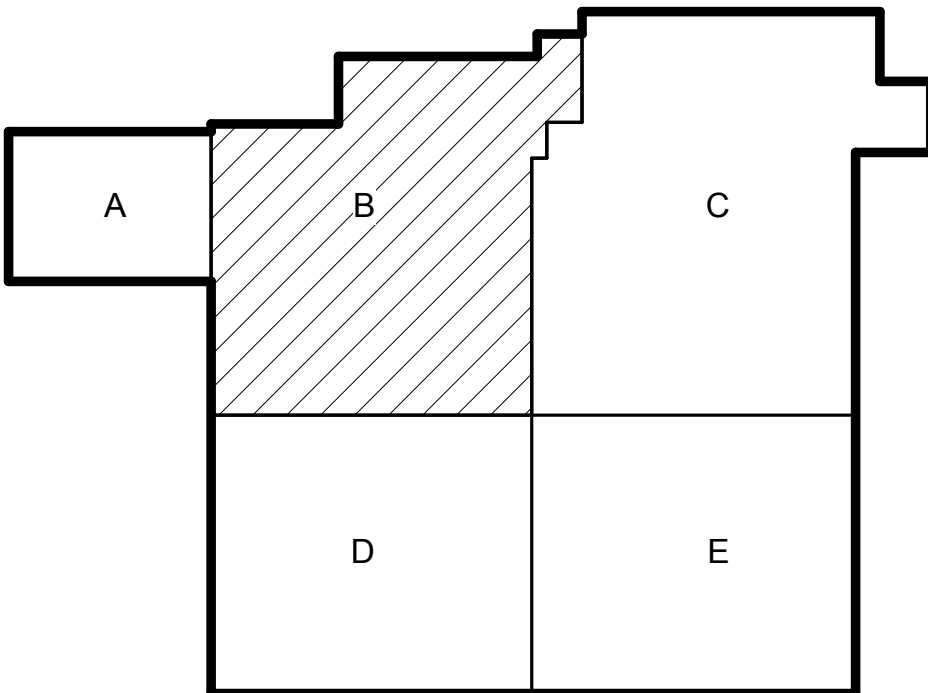
PLAN NOTES:

- REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL GENERAL NOTES.
- JOIST SHOE DEPTHS SHALL BE 2 1/2" FOR K-SERIES JOISTS AND 5" FOR LH-SERIES JOISTS UNO.
- AT AREA D AND E ROOF FRAMING, PROVIDE 5" JOIST SHOE FOR K-SERIES JOIST.
- JOIST BEARING ELEVATION IS 114'-8" UNO.
- JOIST SPACING SHALL BE 4'-0" O.C. MAX UNO.
- JOIST BRIDGING INDICATED IS DIAGNOSTIC IN NATURE. JOIST SEE AND CONTRACTOR TO COORDINATE FINAL NUMBER AND LOCATION OF BRIDGING PER SJI REQUIREMENTS.
- FOR BEAMS WITHOUT END REACTIONS INDICATED, USE 10 KIPS SHEAR.

LEGEND:

- MLX MASONRY LINTEL, REFER TO SCHEDULE ON 7/S-540.
- SLX STEEL LINTEL W/ 3/8" BOTTOM PLATE, REFER TO SCHEDULE ON 7/S-540.
- 8 PC SPAN OF 8" HOLLOWCORE PRECAST CONCRETE SLAB
- 10 PC +2 SPAN OF 10" HOLLOWCORE PRECAST CONCRETE SLAB W/ 2" COMPOSITE TOPPING
- MD# SPAN OF METAL DECK. SEE SCHEDULE ON S-701.
- INDICATES ROOF DECK PENETRATION, COORDINATE EXACT SIZE AND LOCATION. PROVIDE TYPICAL ROOF PENETRATION FRAMING PER DETAIL 4/S-552.
- LIMITS OF STRUCTURAL LOAD BEARING OR SHEAR WALL. SEE REQUIRED REINFORCING ON PAGE S-101.
- JOIST UPLIFT BRIDGING, PER SJI SPECIFICATIONS
- JOIST BRIDGING, PER SJI SPECIFICATIONS
- MOMENT CONNECTION
- CANTILEVER MOMENT CONNECTION
- ROOF/OVERFLOW DRAIN. PROVIDE FRAMING PER 4/S-552
- BEAM SIZE
TOP OF BEAM ELEVATION
- BEAM REACTION
A = REQUIRED AXIAL LOAD IN ADDITION TO BEAM REACTION SHEAR FORCE.

KEY PLAN



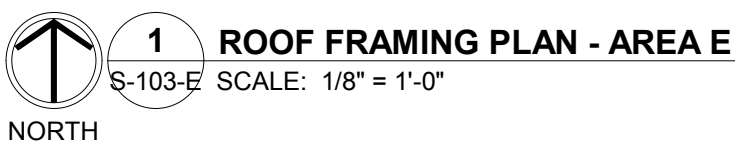
DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
DLZ INDIANA, LLC

Vanna Keshava

NO.	DATE	REVISION
1	09/18/19	Adendum #01
2	09/18/19	Adendum #02

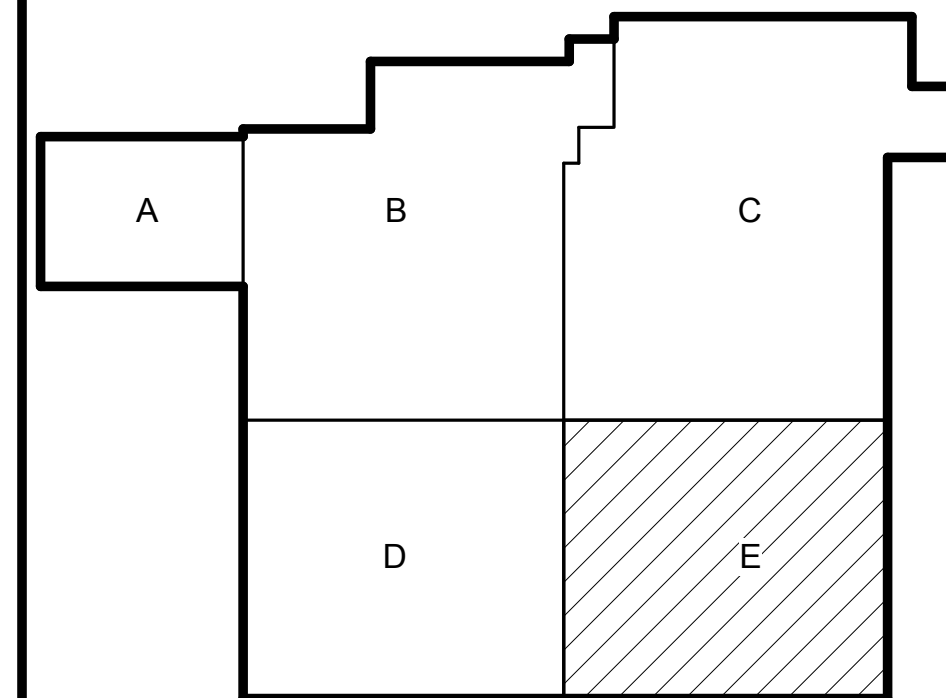
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DATE: September 5, 2019			
PROJECT NUMBER			

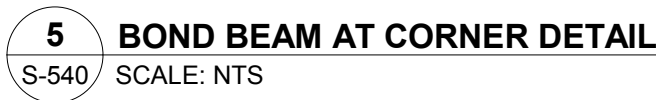
VIGO COUNTY SECURITY CENTER	
TERRE HAUTE, INDIANA	
ROOF FRAMING PLAN - AREA B	
DRAWING NUMBER	1663-1190-90
S-103-B	STRUCTURAL



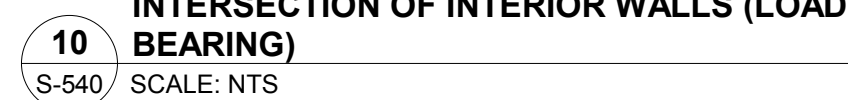
- A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION AND S-001 FOR ADDITIONAL STRUCTURAL GENERAL NOTES.
- B. JOIST SHOE DEPTHS SHALL BE 2 1/2" FOR K-SERIES JOISTS AND 4" FOR LH-SERIES JOISTS UNLESS NOTED.
- C. AT AREA D AND E ROOF FRAMING, PROVIDE 5" JOIST SHOE FOR K-SERIES JOIST.
- D. JOIST BEARING ELEVATION IS 114'-8".
- E. JOIST SPACING SHALL BE 40" O.C. MAX. UNLESS NOTED.
- F. BRIDGING INDICATED IS DIAGRAMMATIC IN NATURE. JOIST SIZE AND CONTRACTOR TO COORDINATE FINAL NUMBER AND LOCATION OF BRIDGING PER SJI REQUIREMENTS.
- G. FOR FAMES WITHOUT END REACTIONS INDICATED, USE 10 KIPS SHEAR.

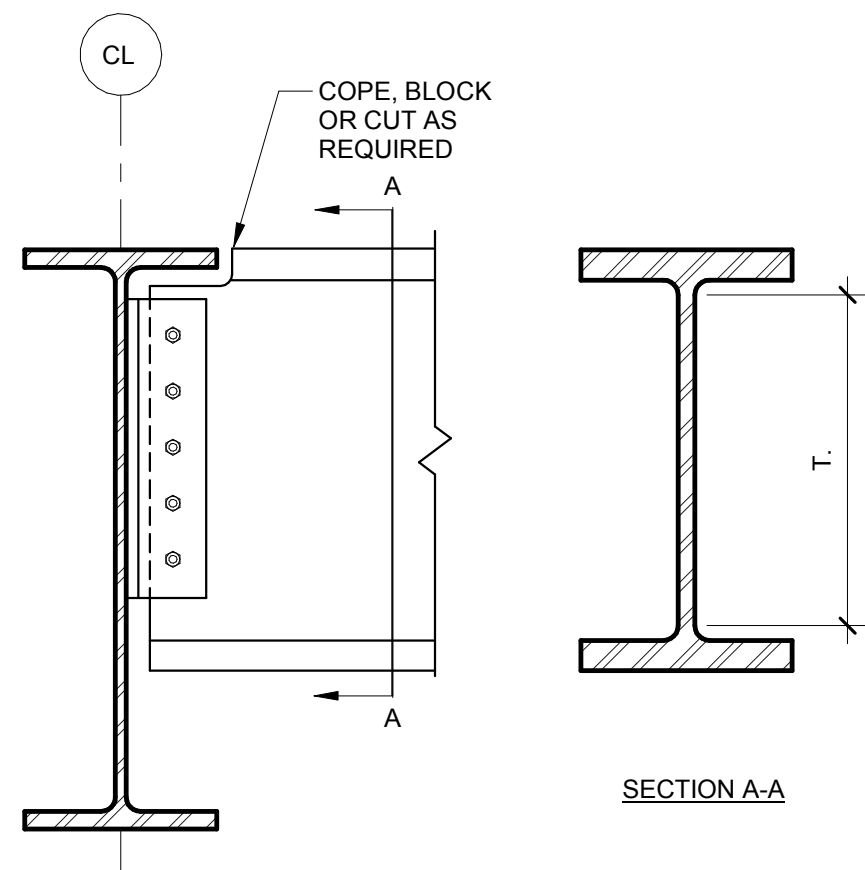
MLX	MASONRY LINTEL, REFER TO SCHEDULE ON 7/5-540.
SLX	STEEL LINTEL W/ 3/8" BOTTOM PLATE, REFER TO SCHEDULE ON 7/5-540.
	SPAN OF 8" HOLLOWCORE PRECAST CONCRETE SLAB
	SPAN OF 10" HOLLOWCORE PRECAST CONCRETE SLAB W/ 2" COMPOSITE TOPPING
	SPAN OF METAL DECK. SEE SCHEDULE ON S-701.
	INDICATES ROOF DECK PENETRATION, COORDINATE EXACT SIZE AND LOCATION, PROVIDE TYPICAL ROOF PENETRATION FRAMING PER DETAIL 4/S-552.
	LIMITS OF STRUCTURAL LOAD BEARING SHEAR WALL. SEE REQUIRED REINFORCEMENT ON PAGE S-101.
.....	JOIST UPLIFT BRIDGING, PER SJI SPECIFICATIONS
- - - - -	JOIST BRIDGING, PER SJI SPECIFICATION
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
	ROOF/OVERFLOW DRAIN. PROVIDE FRAME PER 4/S-552





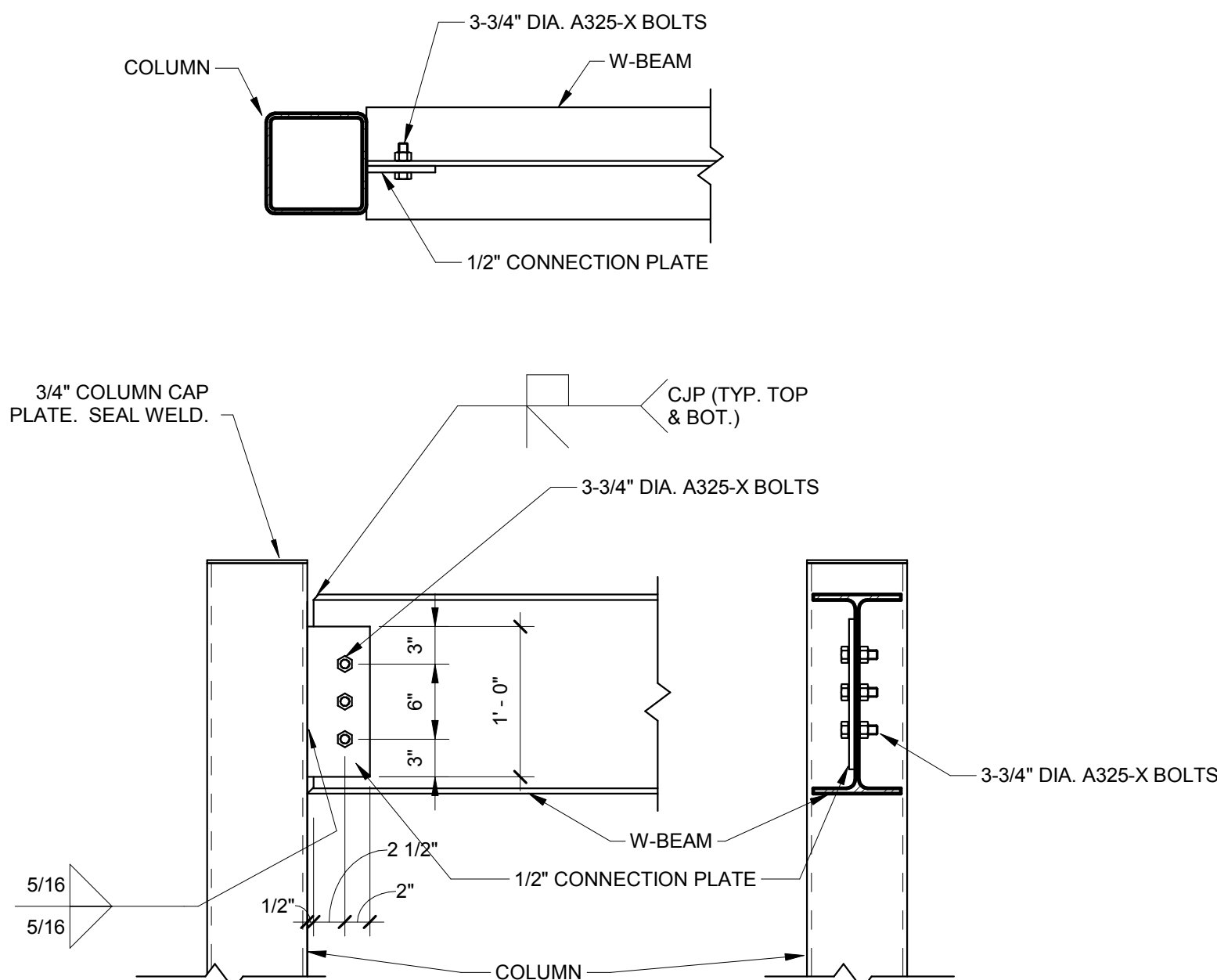
NOTES:
1. ON EXTERIOR WALLS WITH CMU OR BRICK VENEER, LINTEL SHALL INCLUDE L6X4X3/8 (GALV.) WITH 1/2" DIA. 5" (MIN. EMBED) ADHESIVE ANCHORS AT 2'-0" O.C. FOR NON LOAD-BEARING WALLS. USE ML1 FOR OPENINGS UP TO 4'-0" AND ML2 FOR OPENINGS UP TO 10'-0".



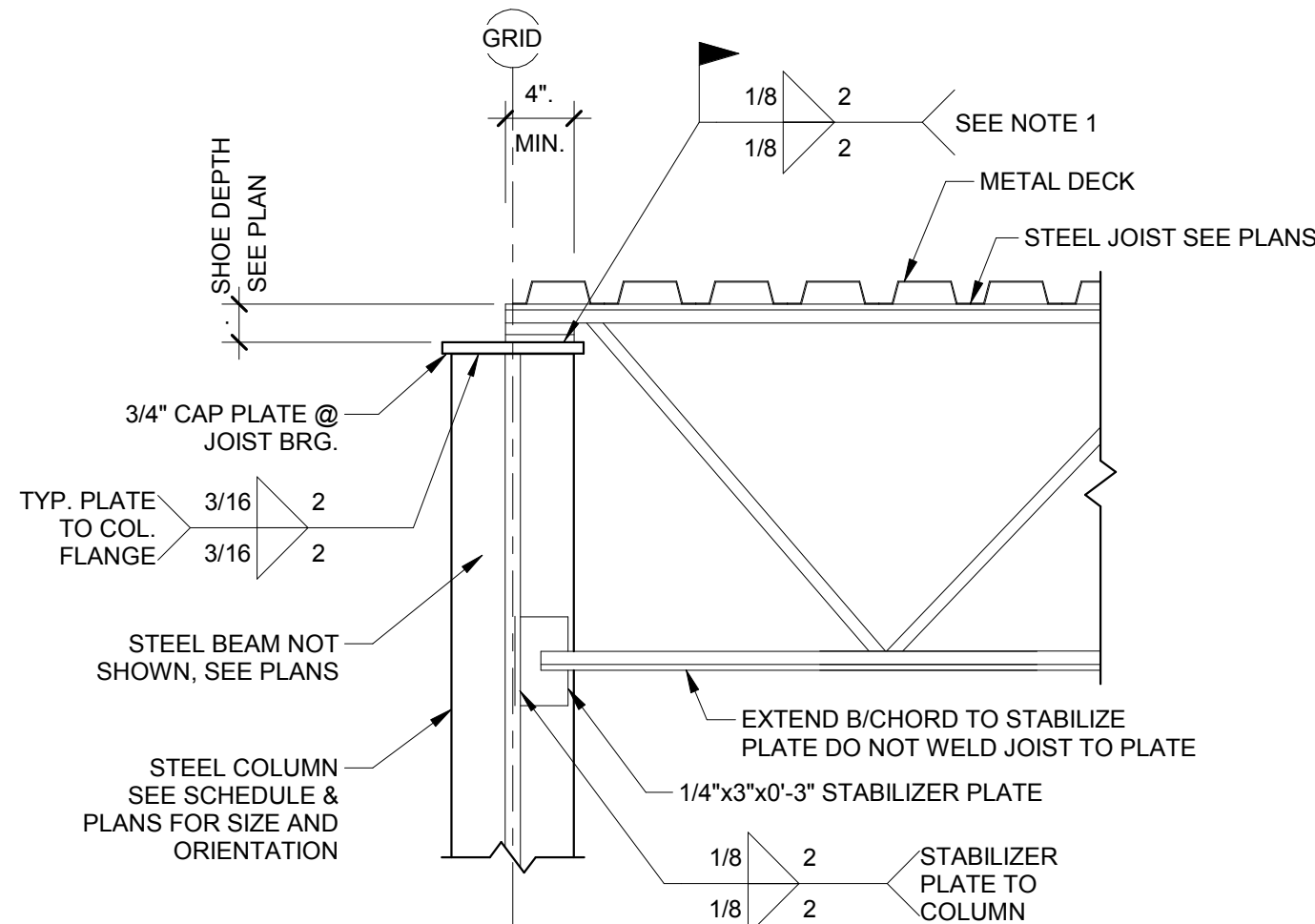


- NOTES:
1. DESIGN CONNECTION AS STANDARD AISC SIMPLE DOUBLE ANGLE TO RESIST 100% OF THE END REACTIONS INDICATED ON THE FLOOR PLANS UNLESS SPECIFICALLY DETAILED.
 2. CONTRACTOR HAS OPTION TO BOLT OR WELD ANGLES UNLESS SPECIFICALLY DETAILED.
 3. SIMILAR DETAIL AT BEAM TO COLUMN CONNECTION.
 4. ANGLE LENGTH TO BE A MINIMUM OF 2/3 T. ANGLE THICKNESS TO BE A MINIMUM OF 1/4".

1 TYPICAL BEAM/GIRDER CONNECTION
S-552 SCALE: NTS

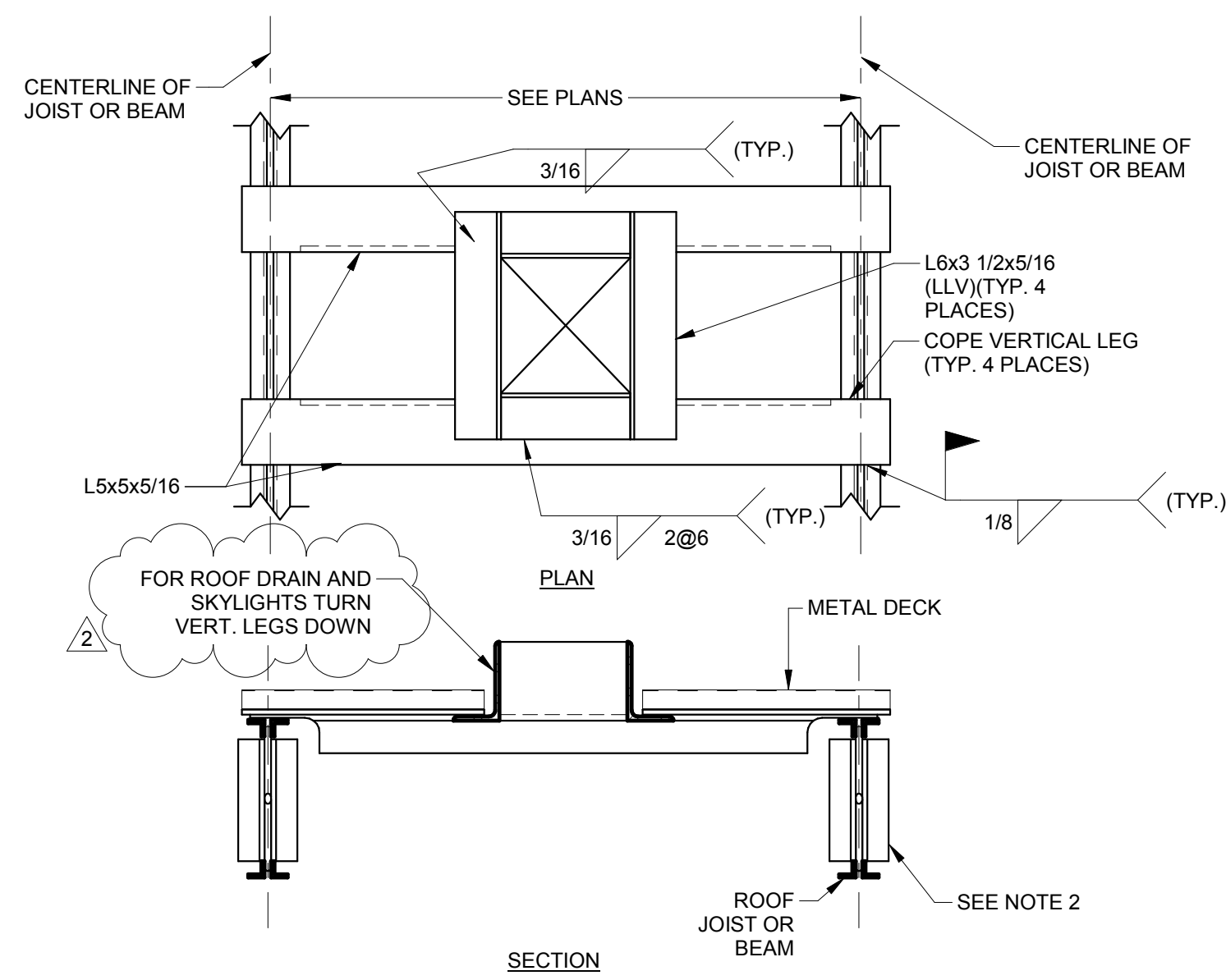


2 TYPICAL MOMENT CONNECTION DETAIL
S-552 SCALE: NTS



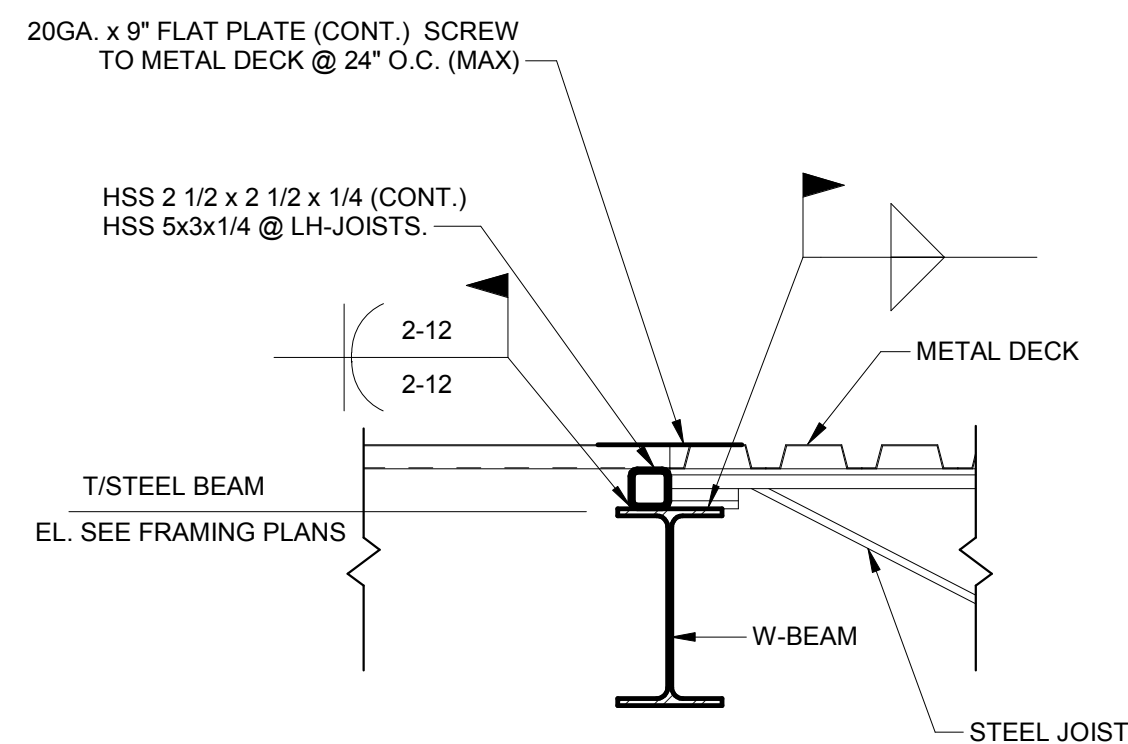
- NOTES:
1. STEEL JOIST DESIGNER MAY USE BOLTED CONNECTION IN LIEU OF WELDED CONNECTION INDICATED.
 2. BOTH ENDS OF JOIST MUST BE CONNECTED (BOLTED CONNECTION TO BE SNUG TIGHT MIN.) PRIOR TO PLACING ANY CONSTRUCTION OR PERMANENT LOADS.

3 TYPICAL STEEL JOIST BEARING AT COLUMN DETAIL
S-552 SCALE: NTS



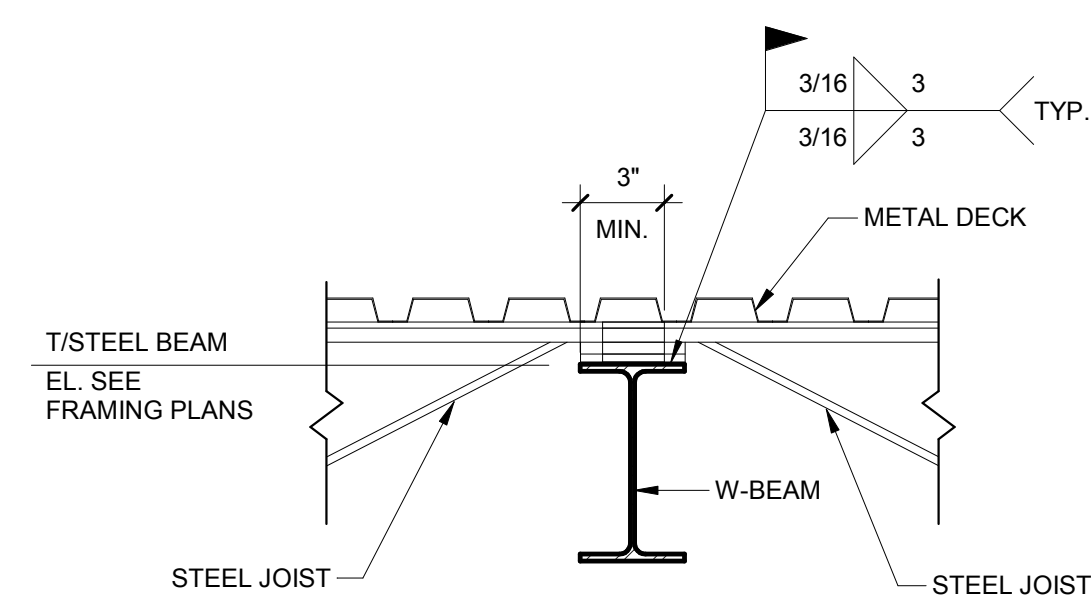
- NOTE:
1. DIM. OF OPENINGS VARY. SEE ARCHITECTURAL ROOF PLAN AND VARIOUS MECH. & KITCHEN PLANS. CONTRACTOR SHALL COORDINATE FRAME NOT REQ'D FOR OPENINGS SMALLER THAN 12"x12". FOR OPENINGS BETWEEN 8" AND 12" REINFORCE OPENINGS WITH 16 GA. MATERIAL, FASTEN TO DECK @ 8" O.C.
 2. WHERE FRAME SUPPORTS EQUIPMENT HEAVIER THAN 400 LBS. PROVIDE ADDITIONAL JOIST WEB REINFORCEMENT PER DETAIL 8/S-552.

4 TYPICAL METAL ROOF OPENING FRAMING
S-552 SCALE: NTS



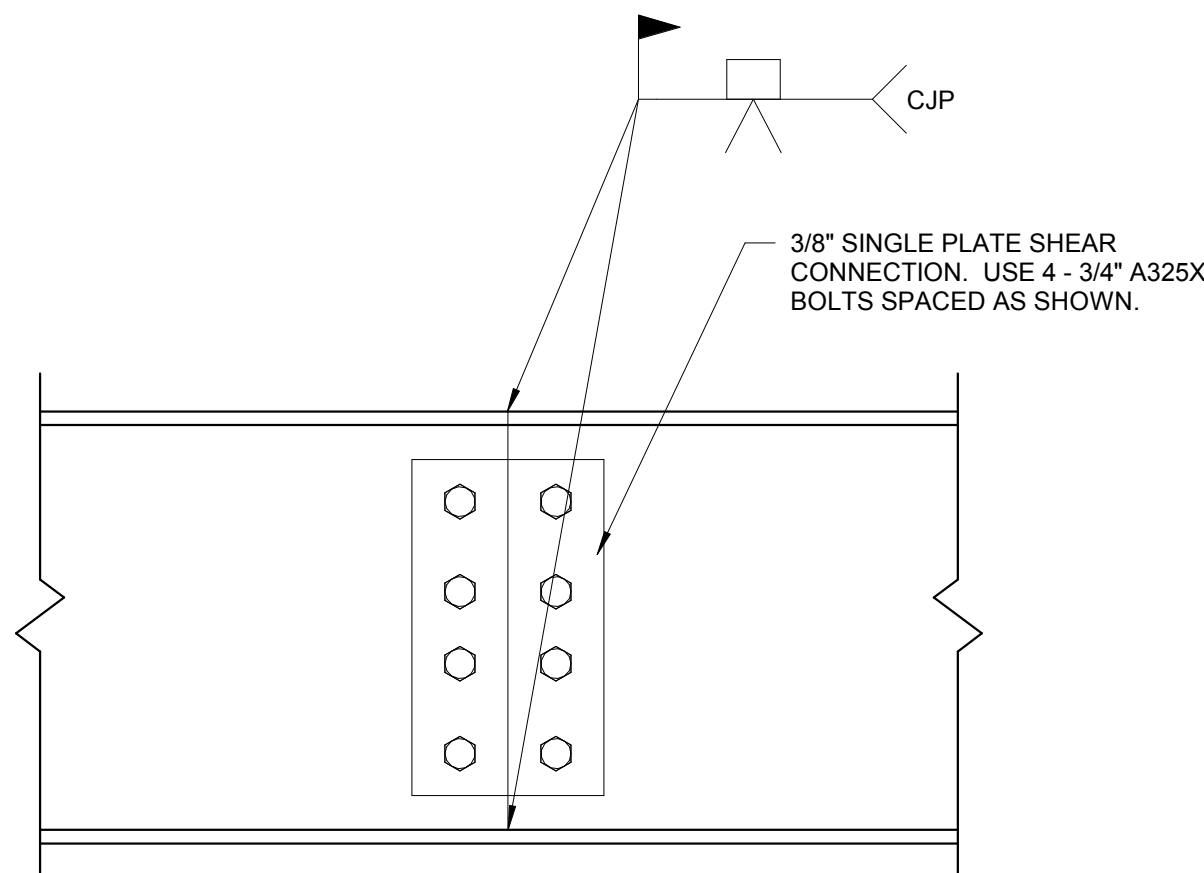
- NOTE:
1. SIMILAR AT TOP OF LOAD-BEARING MASONRY WALL WITH STEEL EMBED PLATE.

5 STEEL ROOF DECK DIRECTION CHANGE
S-552 SCALE: NTS

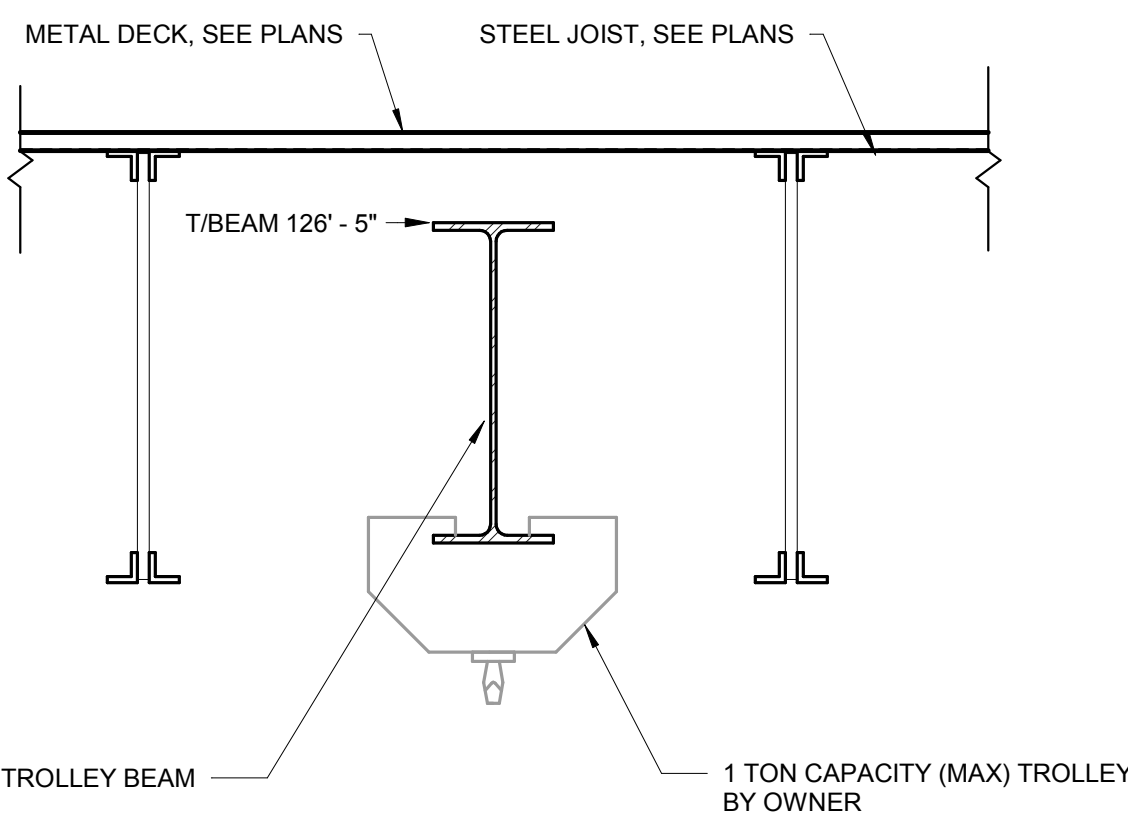


- NOTES:
1. AT DOUBLE LOADED JOIST BEARING STAGGER JOIST AS REQUIRED FOR MIN. 3" BEARING.
 2. SEE PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

6 TYPICAL STEEL JOIST BEARING ON STEEL BEAM DETAIL
S-552 SCALE: NTS

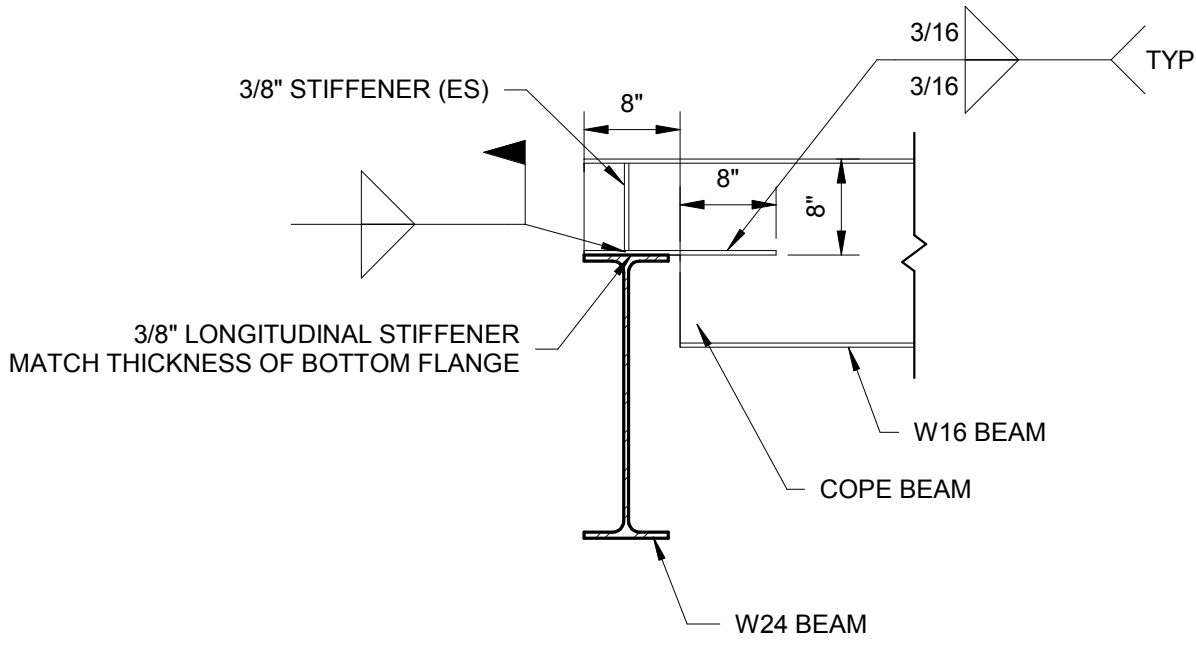


7 TYPICAL W-BEAM SPLICE
S-552 SCALE: NTS

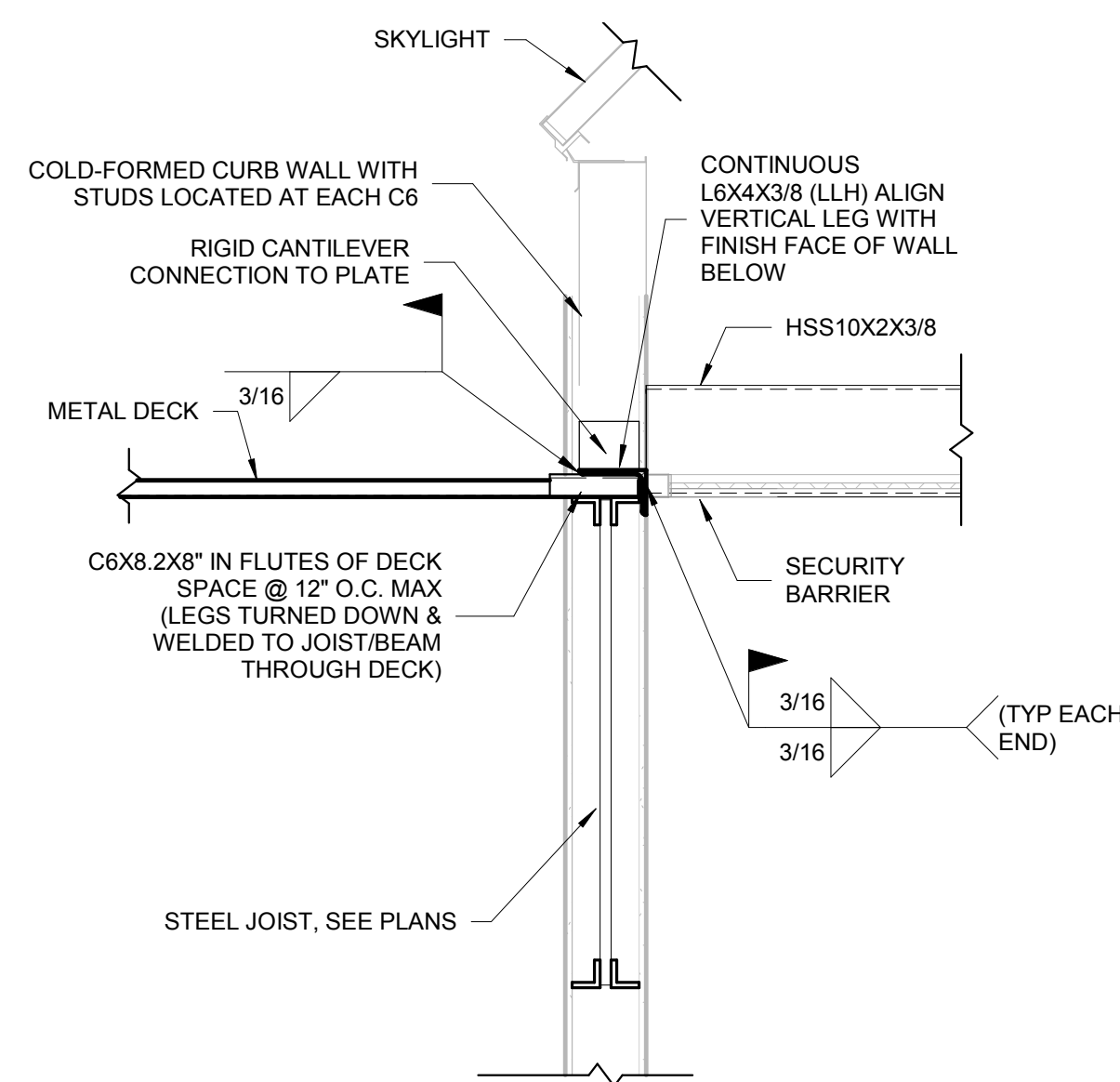


- NOTES:
1. TROLLEY BEAM DOES NOT ATTACH TO ROOF PAINT HOIST BEAM YELLOW AND MARK WITH LOAD CAPACITY OF 1 TON LOAD.
 2. TROLLEY BEAM DOES NOT ATTACH TO ROOF PAINT HOIST BEAM YELLOW AND MARK WITH LOAD CAPACITY OF 1 TON LOAD.

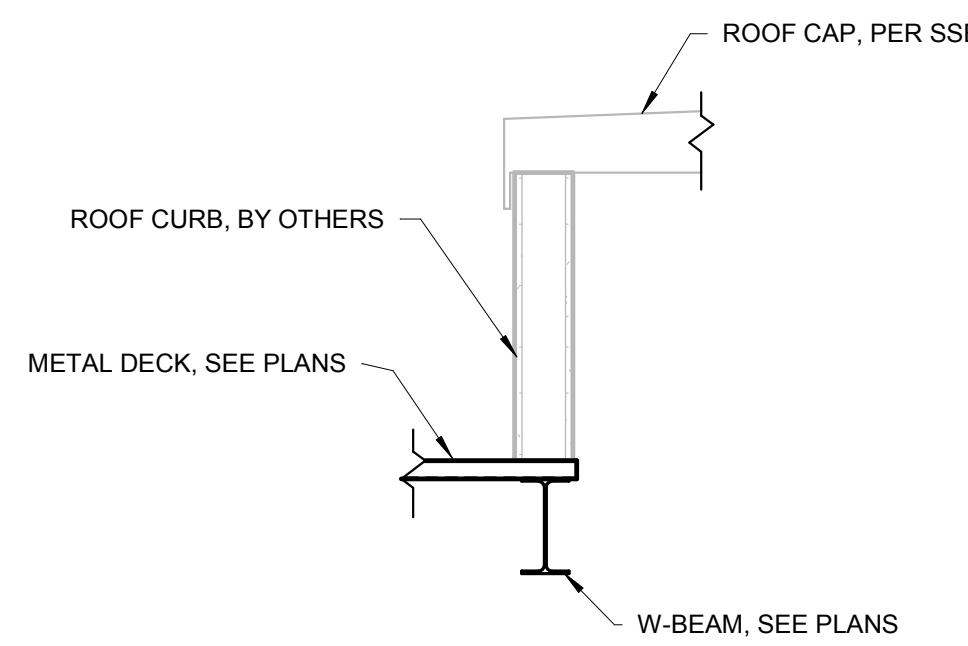
9 TROLLEY BEAM
S-552 SCALE: 3/4" = 1'-0"



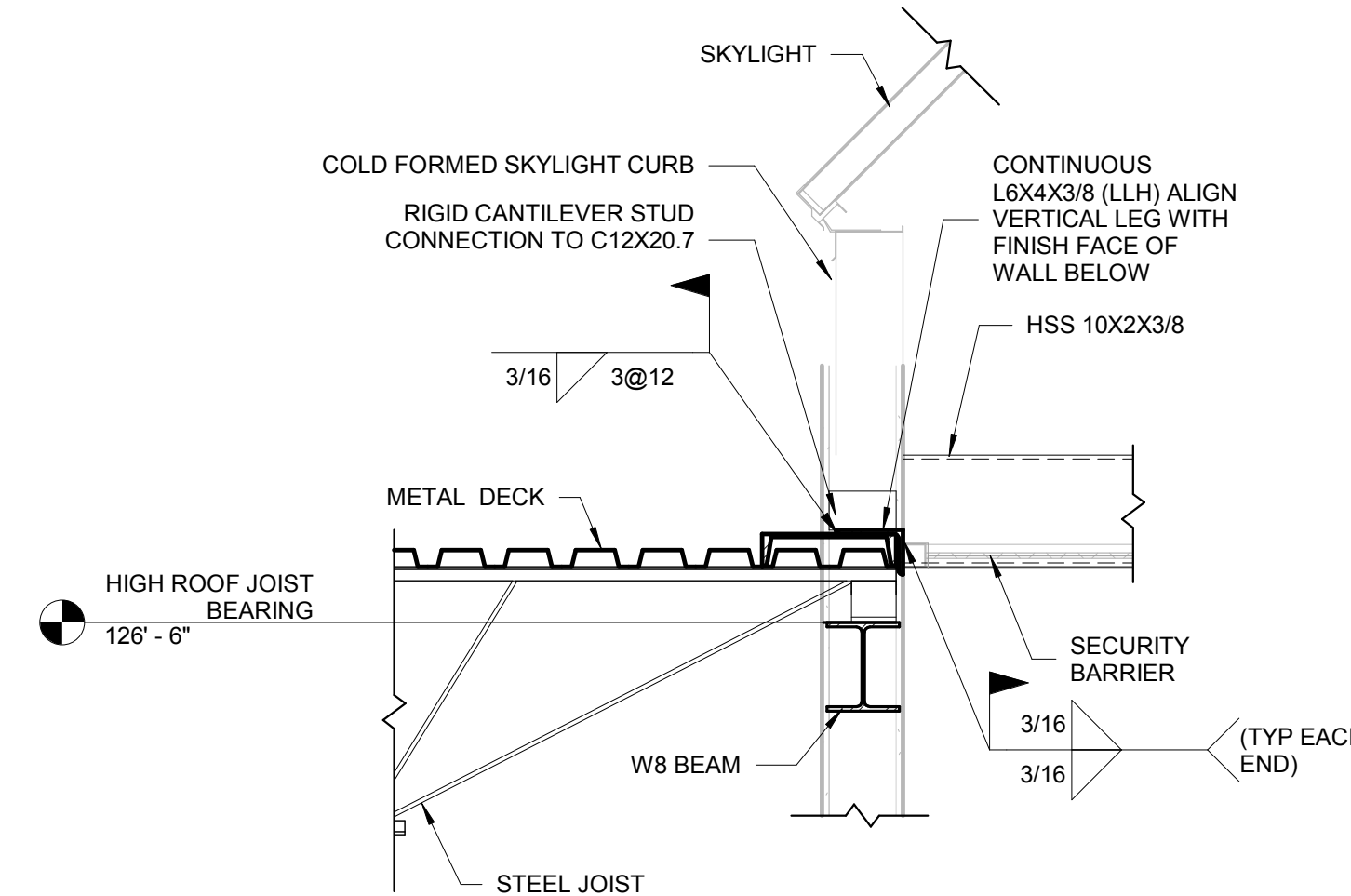
10 MEZZANINE SUPPORT BEAM CONNECTION
S-552 SCALE: 3/4" = 1'-0"



11 TYPICAL SKYLIGHT SUPPORT AREA D & E
S-552 SCALE: 3/4" = 1'-0"



12 SECTION
S-552 SCALE: 3/4" = 1'-0"

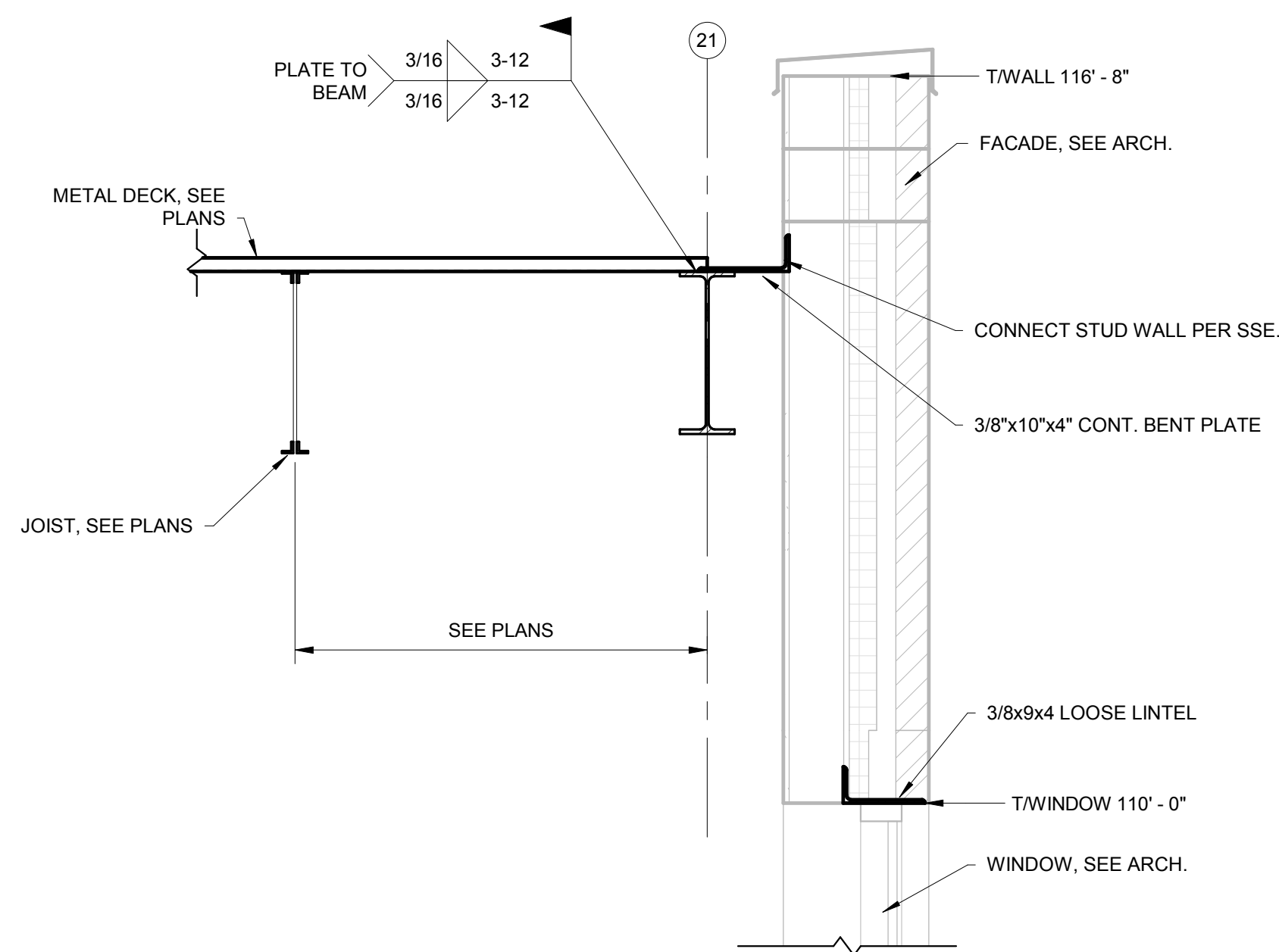


- NOTE:
1. PROVIDE 5" SHOE DEPTH FOR K-SERIES JOISTS.

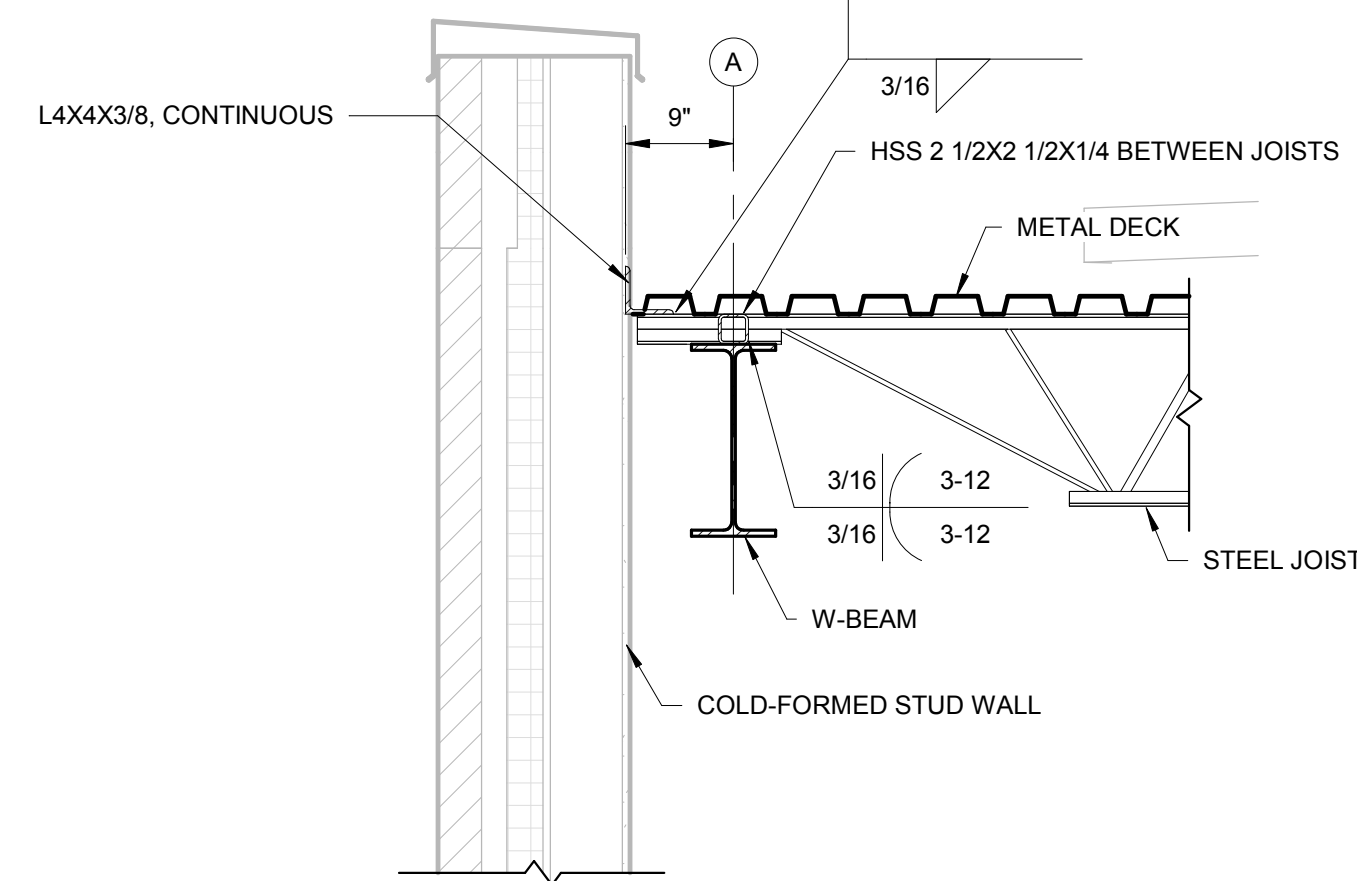
13 TYPICAL SKYLIGHT SUPPORT AREA D & E
S-552 SCALE: 3/4" = 1'-0"

DATE	REVISION	NO.	DRAWN: VMR	CHKD: BMV
09/19/19	2	2	ADDENDUM #02	

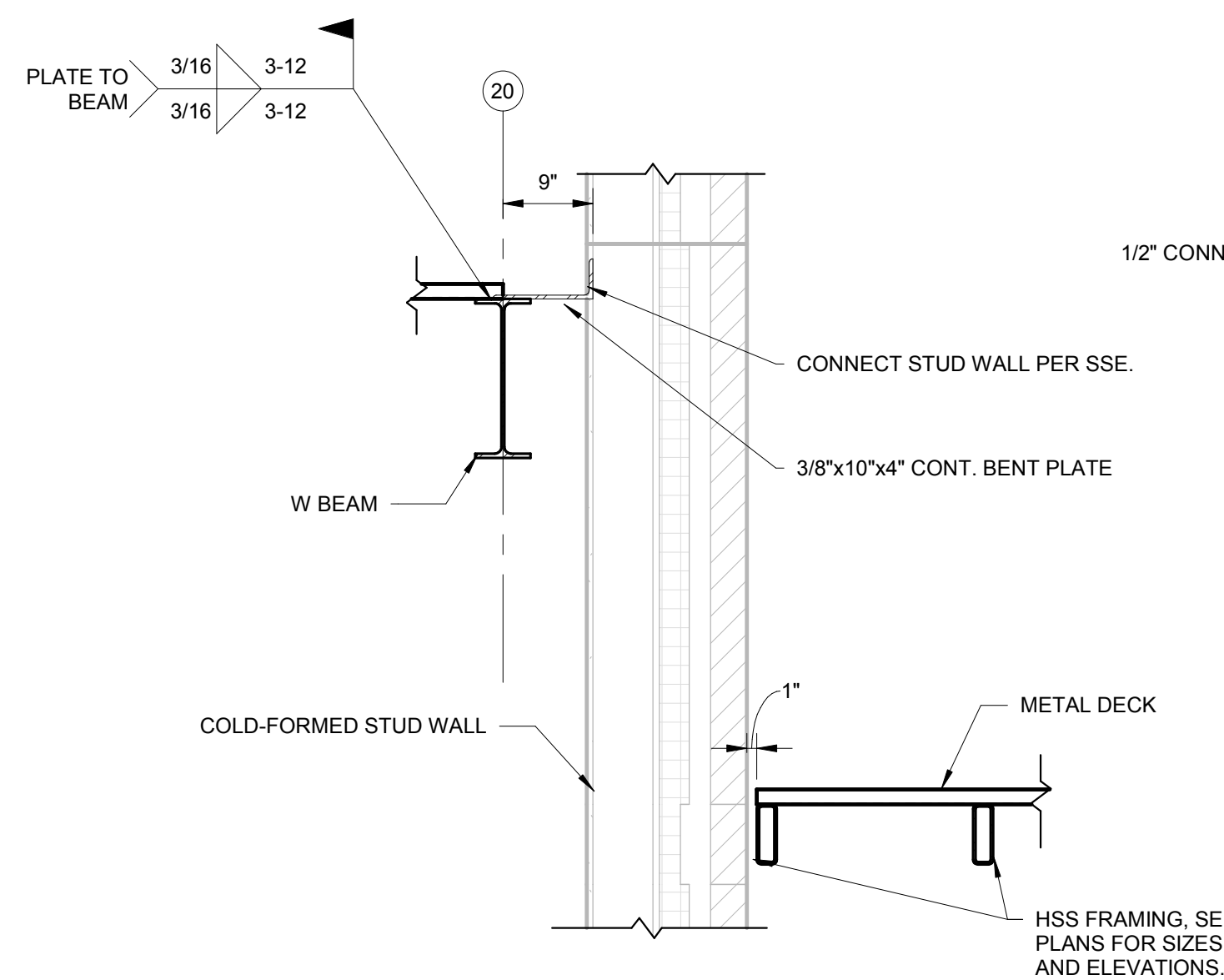
VIGO COUNTY SECURITY CENTER	TYPICAL FRAMING DETAILS AND SECTIONS - 3
S-552	STRUCTURAL



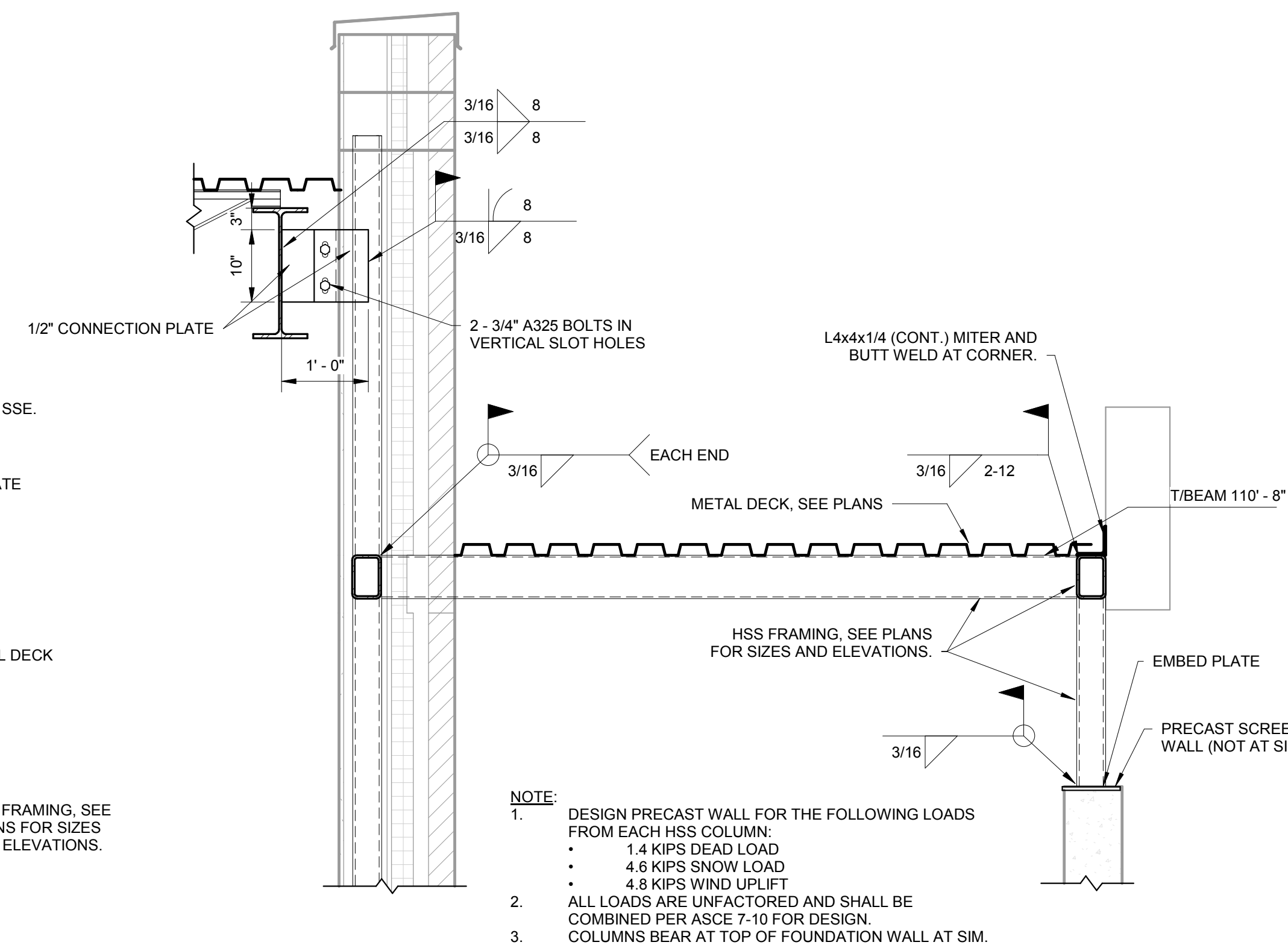
1 SECTION
S-554 SCALE: 3/4" = 1'-0"



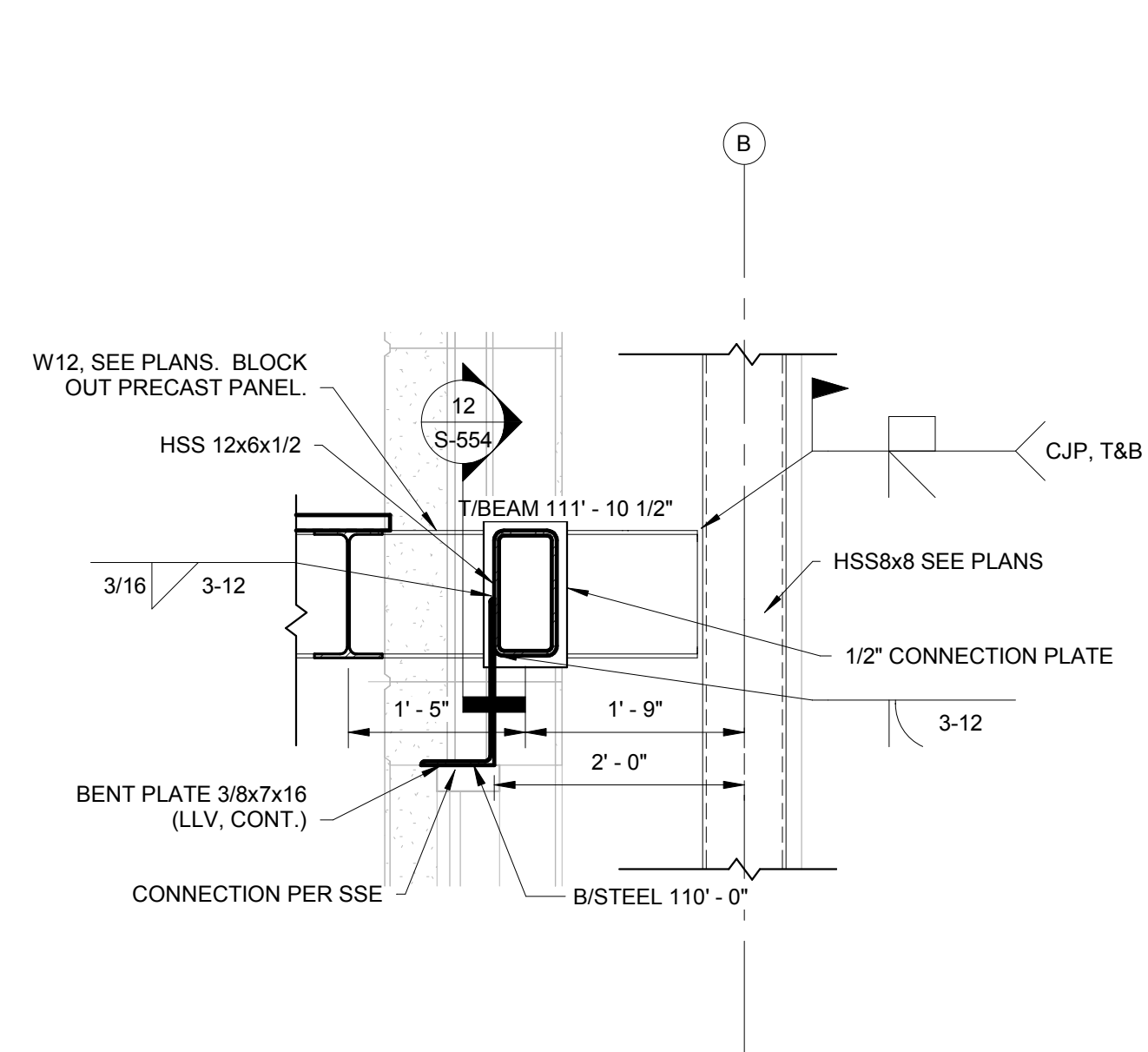
2 SECTION
S-554 SCALE: 3/4" = 1'-0"



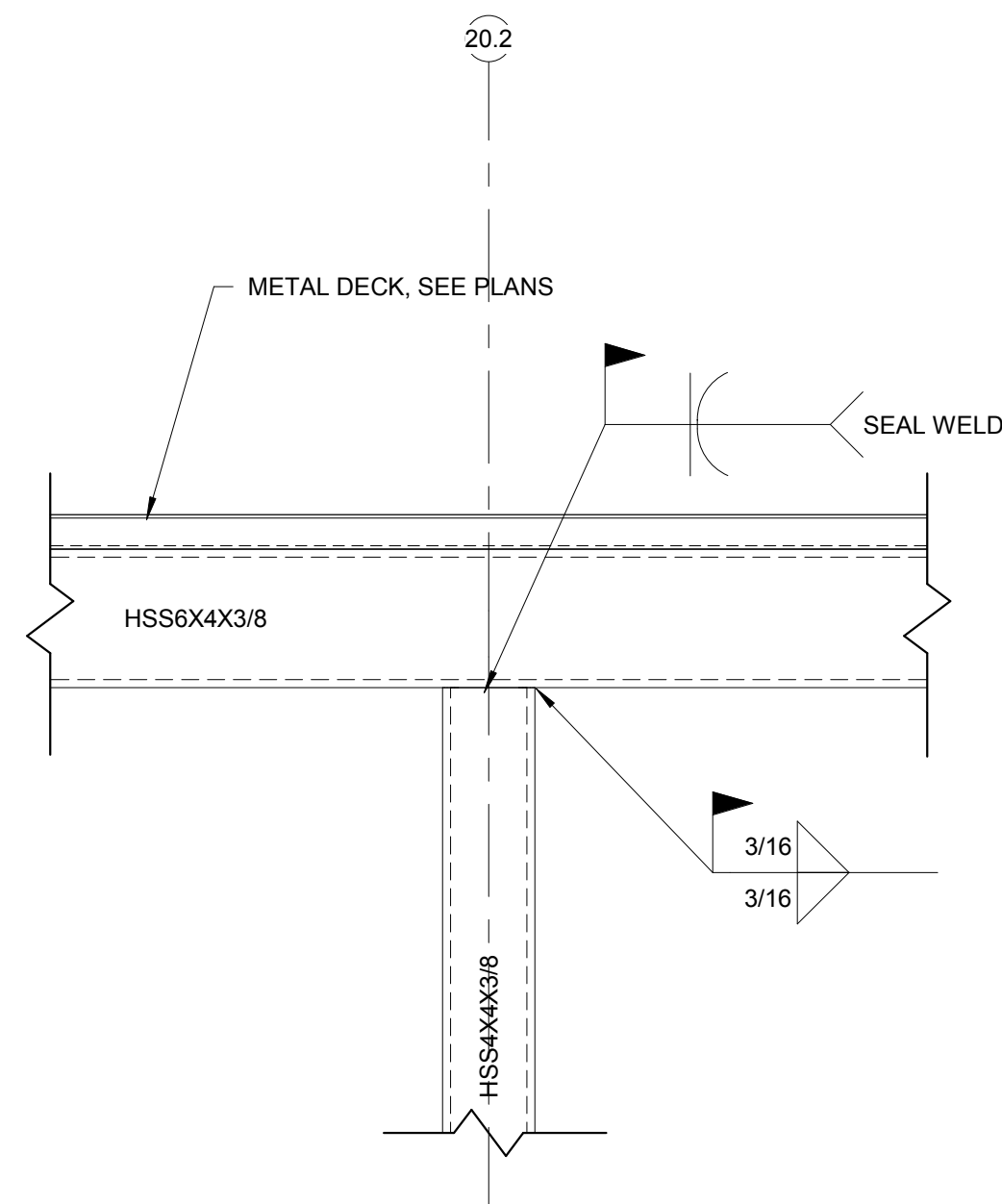
3 SECTION AT CANOPY
S-554 SCALE: 3/4" = 1'-0"



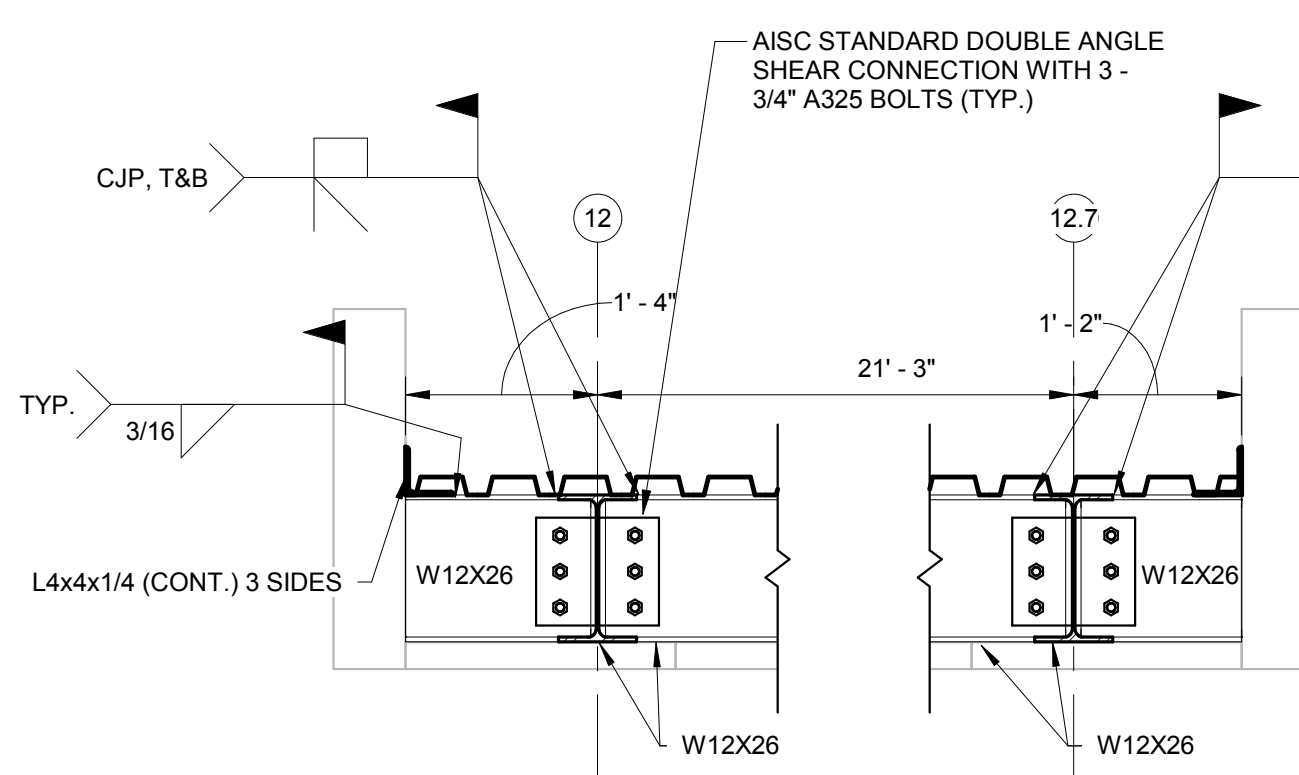
4 SECTION AT CANOPY
S-554 SCALE: 3/4" = 1'-0"



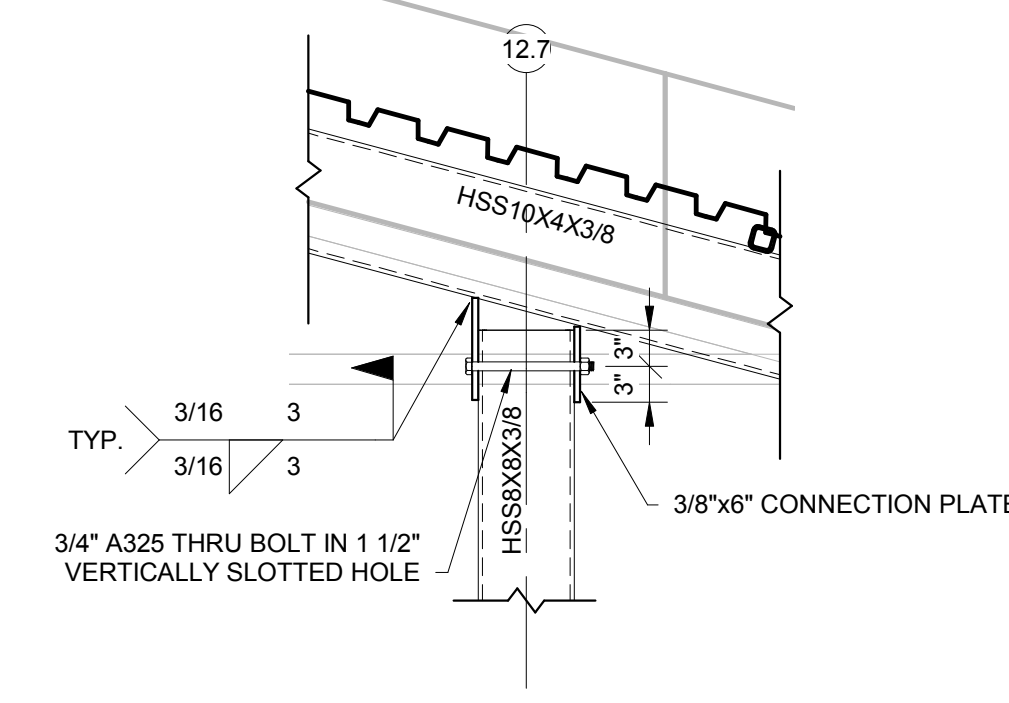
5 SECTION AT CANOPY
S-554 SCALE: 3/4" = 1'-0"



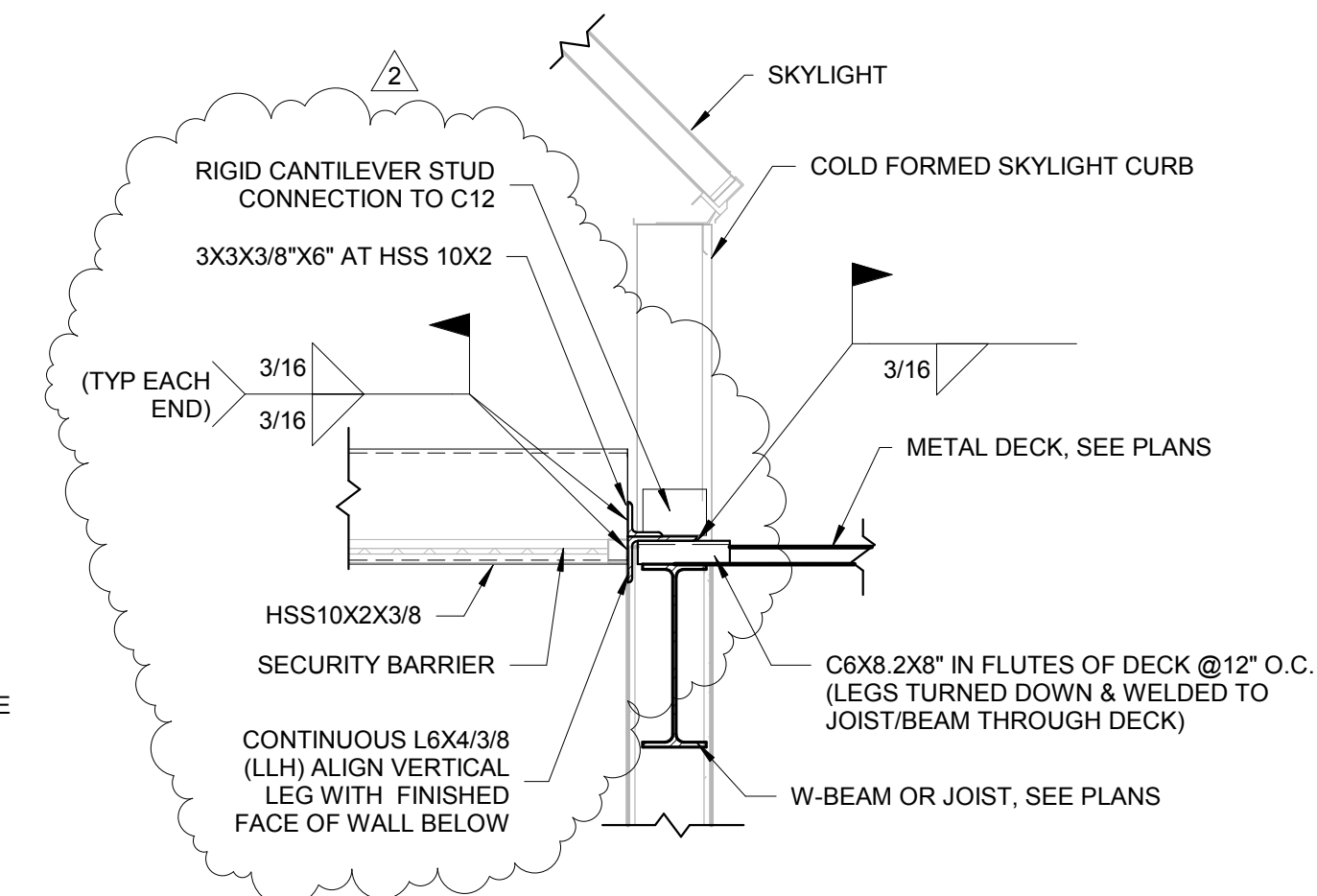
6 COLUMN CAP DETAIL
S-554 SCALE: 1 1/2" = 1'-0"



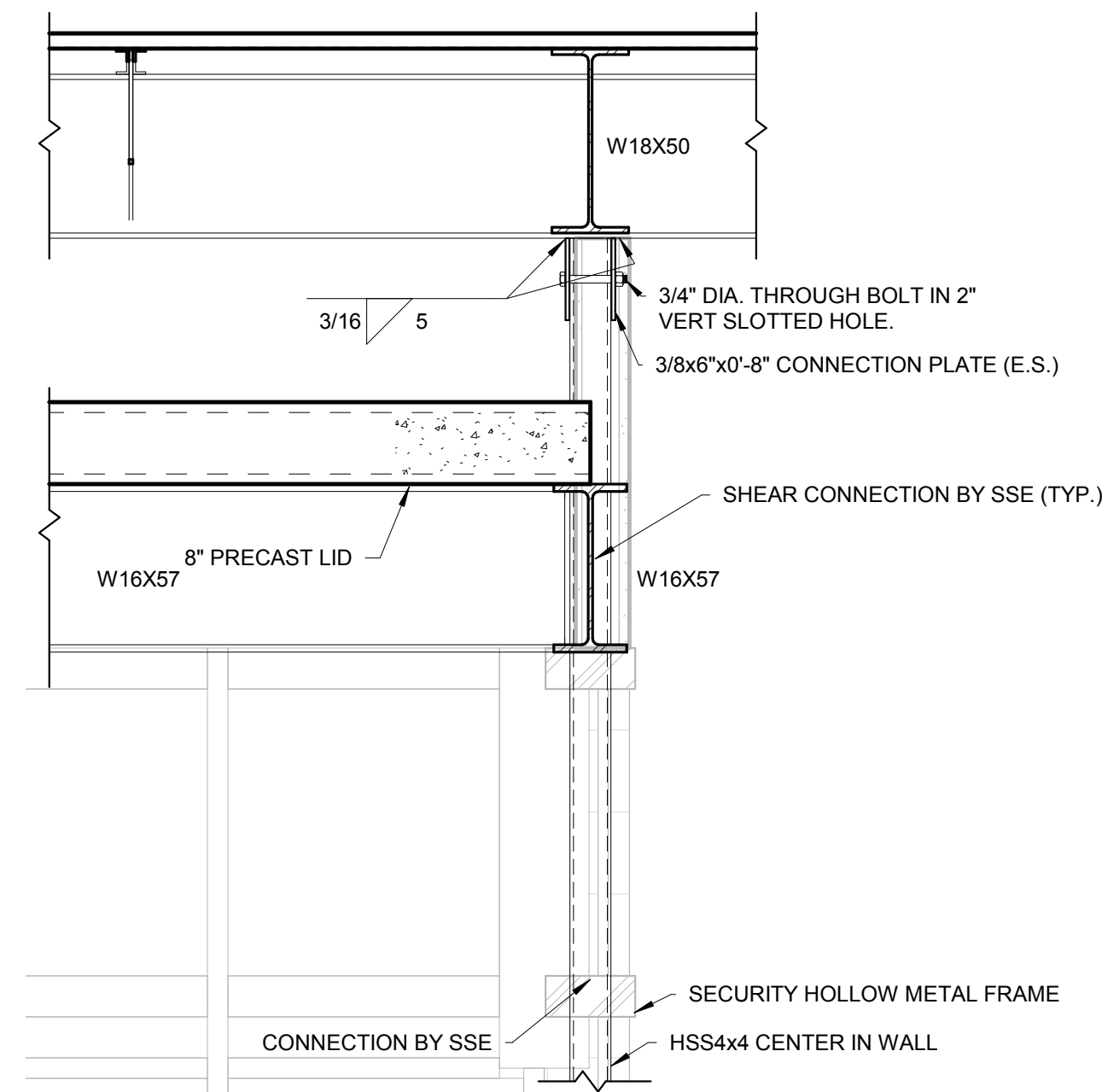
7 SECTION AT CANOPY
S-554 SCALE: 3/4" = 1'-0"



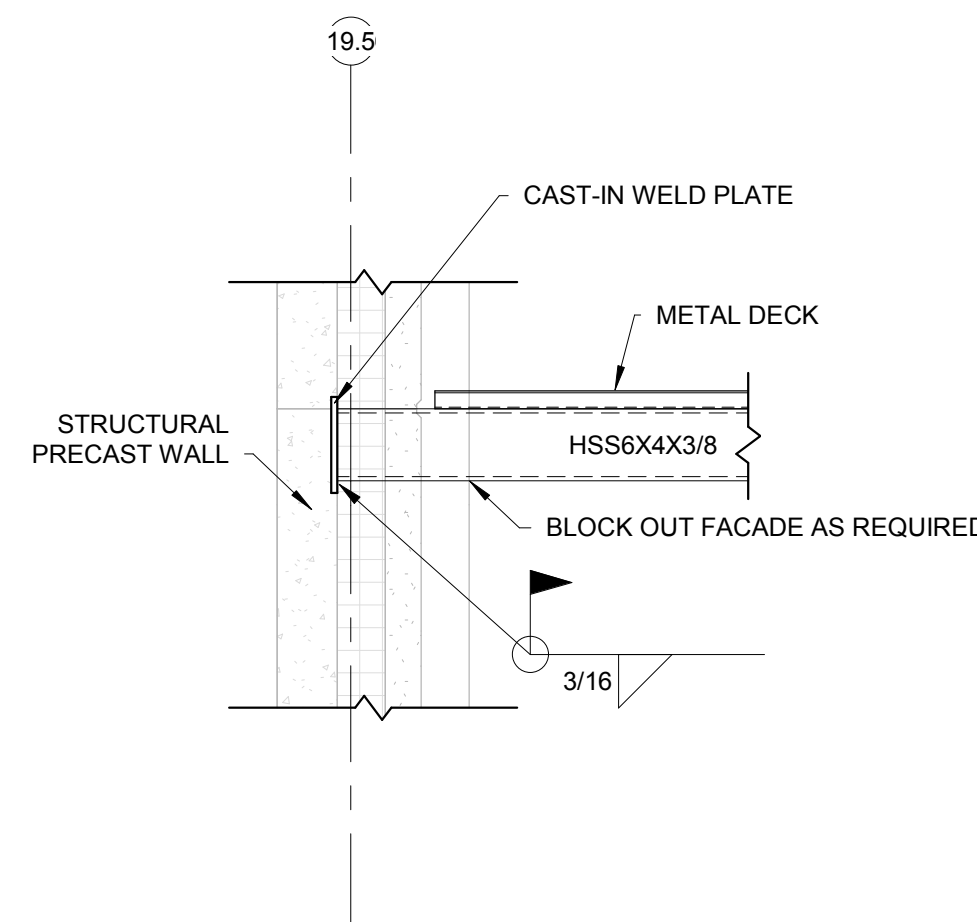
8 CONNECTION DETAIL
S-554 SCALE: 3/4" = 1'-0"



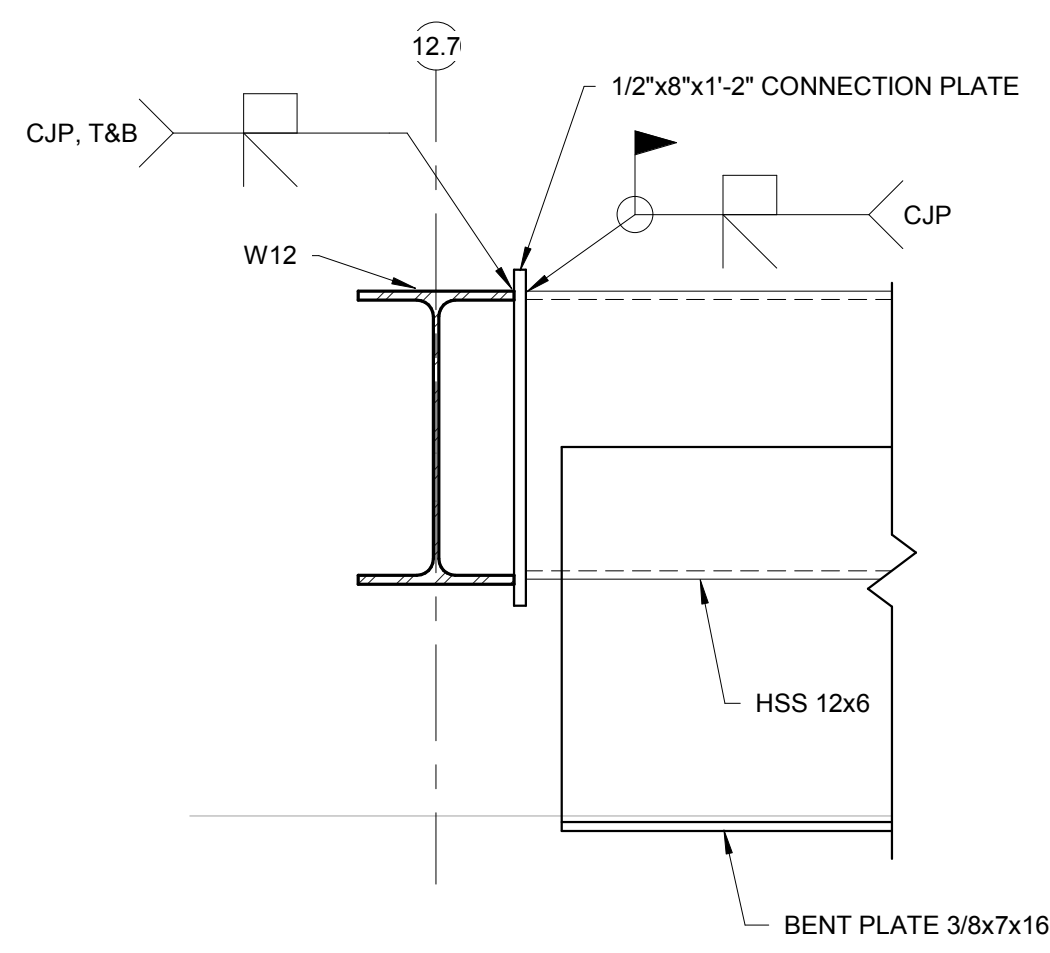
9 TYPICAL SKYLIGHT SUPPORT AREA B
S-554 SCALE: 3/4" = 1'-0"



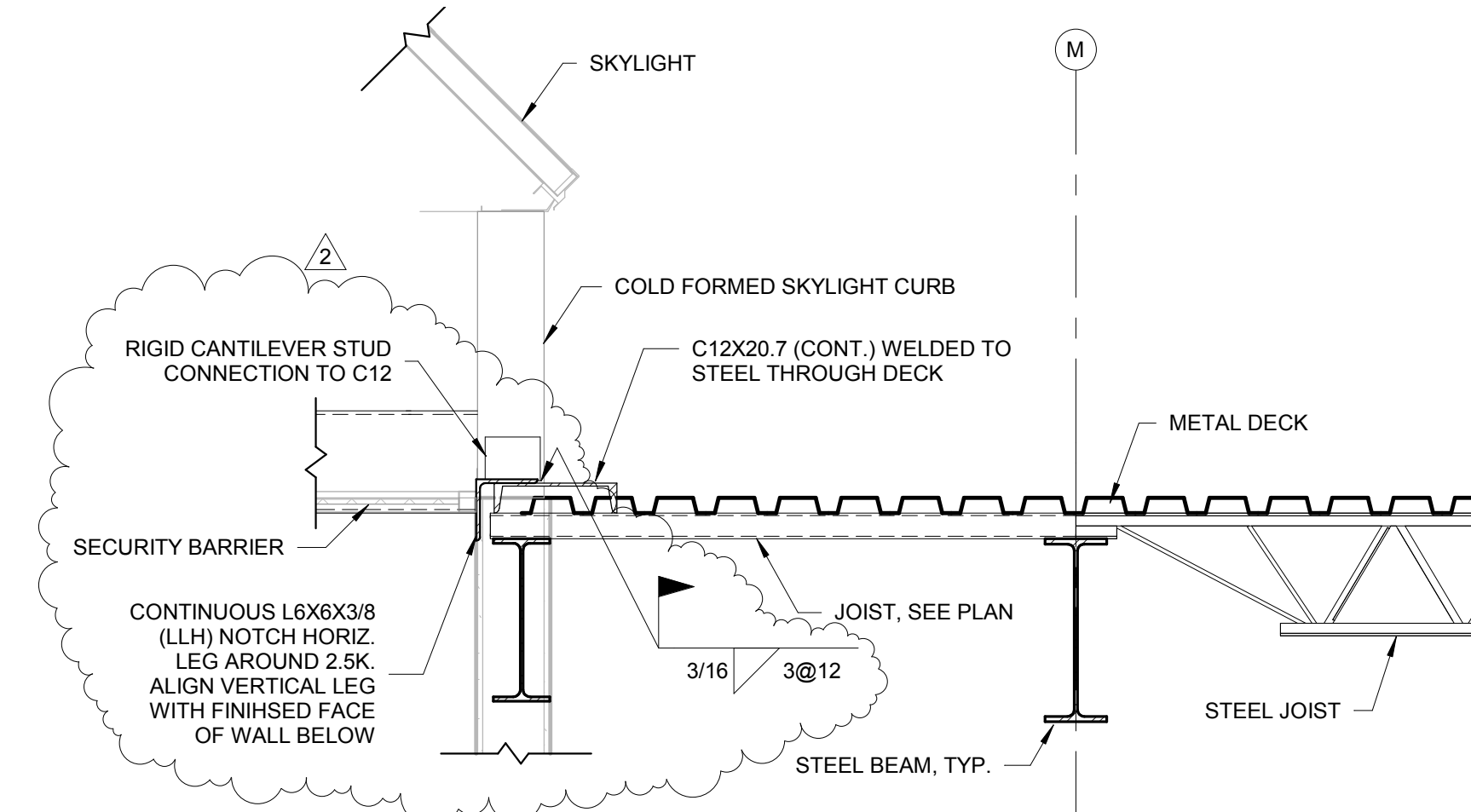
10 SECTION AT MASTER CONTROL
S-554 SCALE: 3/4" = 1'-0"



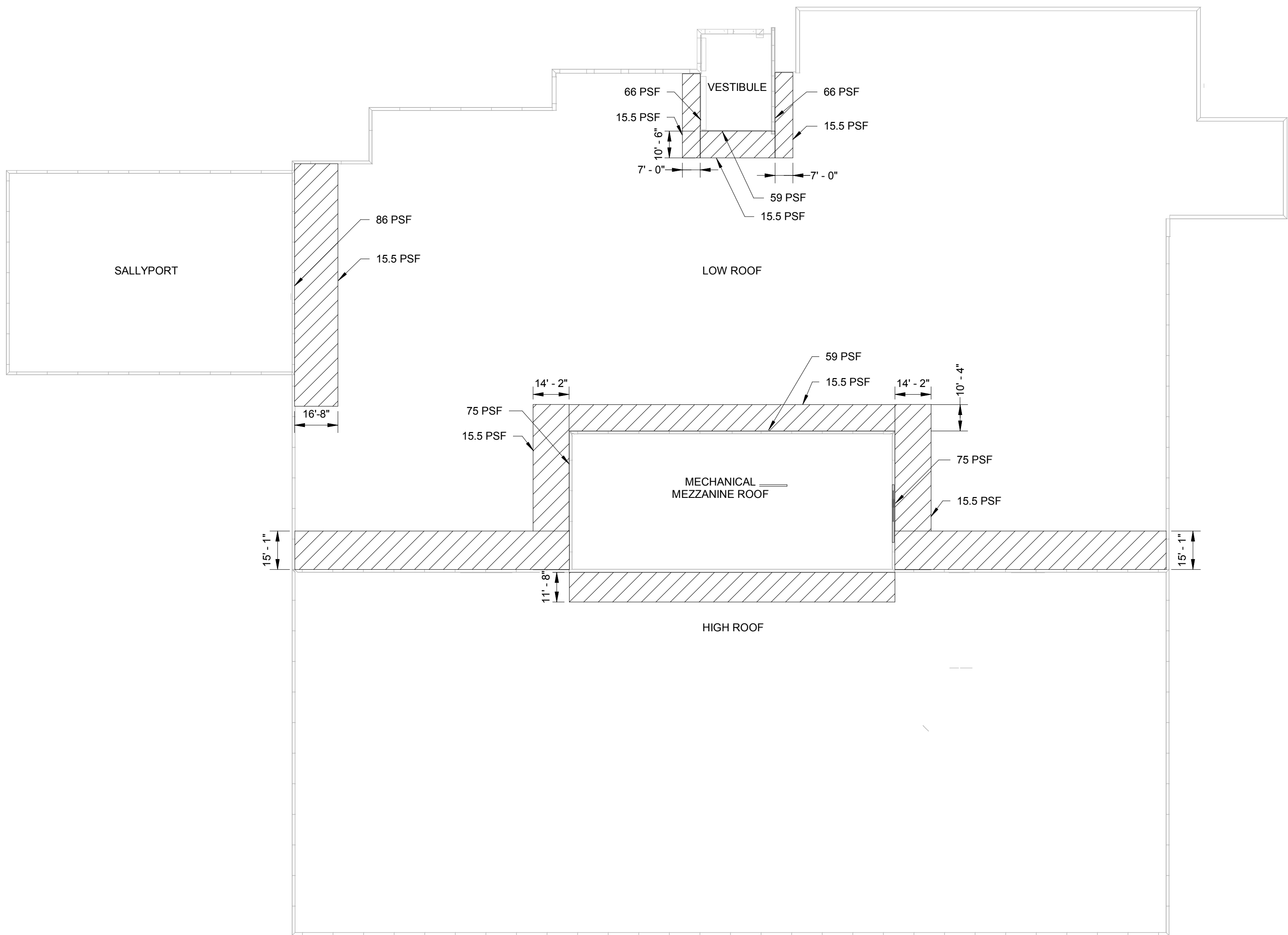
11 SECTION AT CANOPY
S-554 SCALE: 3/4" = 1'-0"



12 CONNECTION DETAIL
S-554 SCALE: 1 1/2" = 1'-0"

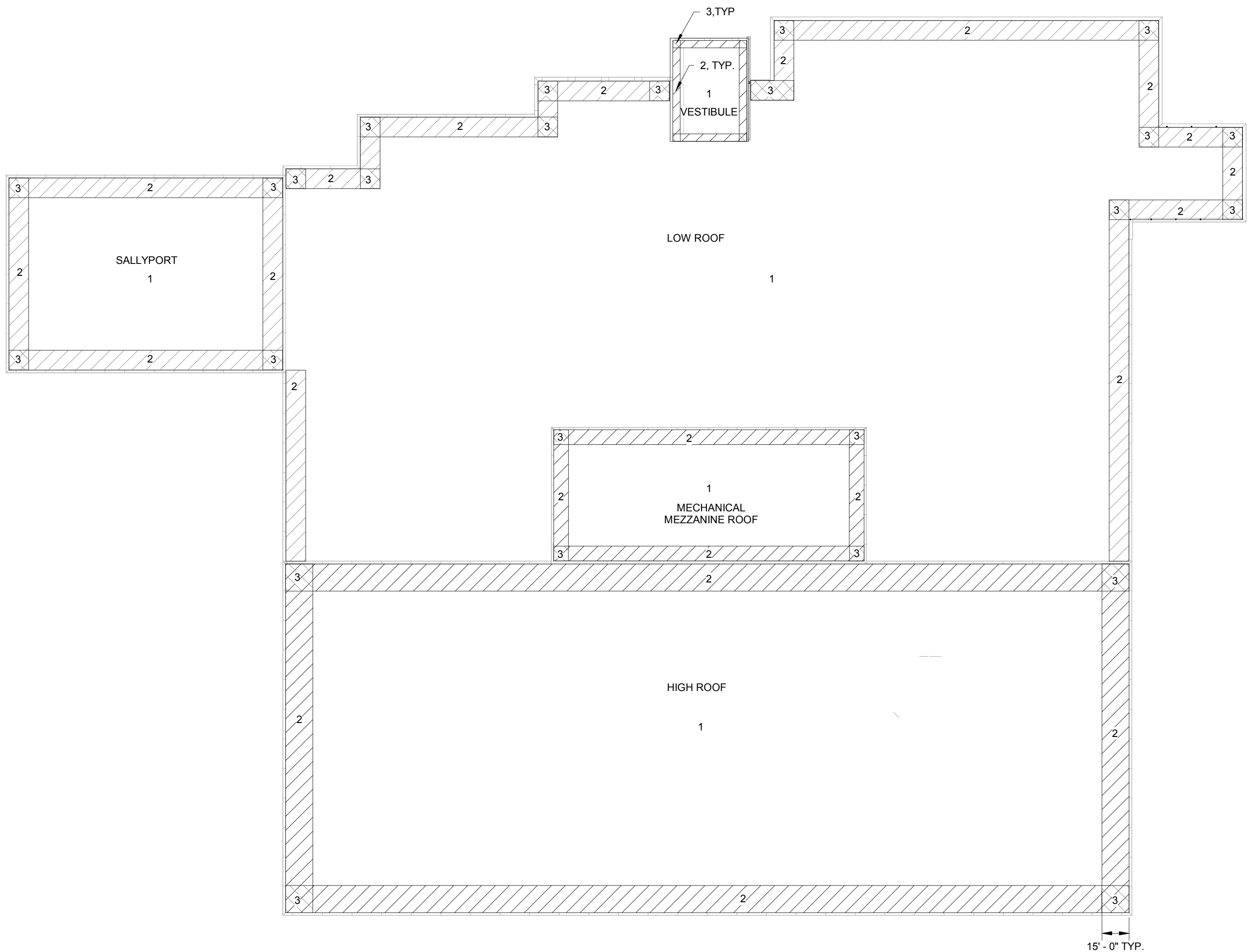


13 TYPICAL SKYLIGHT SUPPORT AREA B
S-554 SCALE: 3/4" = 1'-0"



- NOTES:
1. SNOW DRIFTS ARE TO BE COMBINED WITH FLAT ROOF SNOW LOAD, PER ASCE 7-10.
 2. BALANCED ROOF SNOW LOAD CASE IS 22 PSF. THIS IS NOT REQUIRED TO BE COMBINED WITH THE SNOW DRIFTS INDICATED.

1 SNOW LOAD DIAGRAM
S-701 SCALE: NTS



6 WIND LOAD DIAGRAM
S-701 SCALE: NTS

EFFECTIVE AREA	ZONE 4.5	ZONE 4 (SUCTION)	ZONE 5 (SUCTION)
10 SF	35	-37	-46
50 SF	35	-34	-39
200 SF	35	-31	-33
>500 SF	35	-29	-29

NOTE:
LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.

2 WIND DESIGN WALL PRESSURES - WALL COMPONENTS & CLADDING
S-701 SCALE: 3/4" = 1'-0"

EFFECTIVE AREA	ZONE 1,2,3	ZONE 1 (UPLIFT)	ZONE 2 (UPLIFT)	ZONE 3 (UPLIFT)
10 SF	16	-38	-63	-95
25 SF	16	-37	-54	-73
50 SF	16	-36	-48	-57
>100 SF	16	-35	-41	-41

NOTE:
LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.

4 WIND DESIGN ROOF PRESSURES - ROOF COMPONENTS & CLADDING
S-701 SCALE: 3/4" = 1'-0"

PRIMARY LOCATION	DECK MARK	TYPE	SUPPORT FASTENER LAYOUT	SUPPORT FASTENER TYPE	SIDELAP FASTENERS TYPE	SIDELAP FASTENERS QUANTITY
LOW ROOF	MD1	1.5B20	36/7	5/8" PUDDLE WELDS	#10 TEK SCREWS	6
SALLYPORT	MD2	1.5B20	36/4	#12 TEK SCREWS	#10 TEK SCREWS	3
VESTIBULE	MD3	1.5BPA ¹	36/3	5/8" PUDDLE WELDS	N/A	0
HIGH ROOF	MD4	1.5B18	36/7	5/8" PUDDLE WELDS	WELDED	7
MECHANICAL MEZZANINE ROOF	MD5	1.5B20	36/7	#12 TEK SCREWS	#10 TEK SCREWS	6

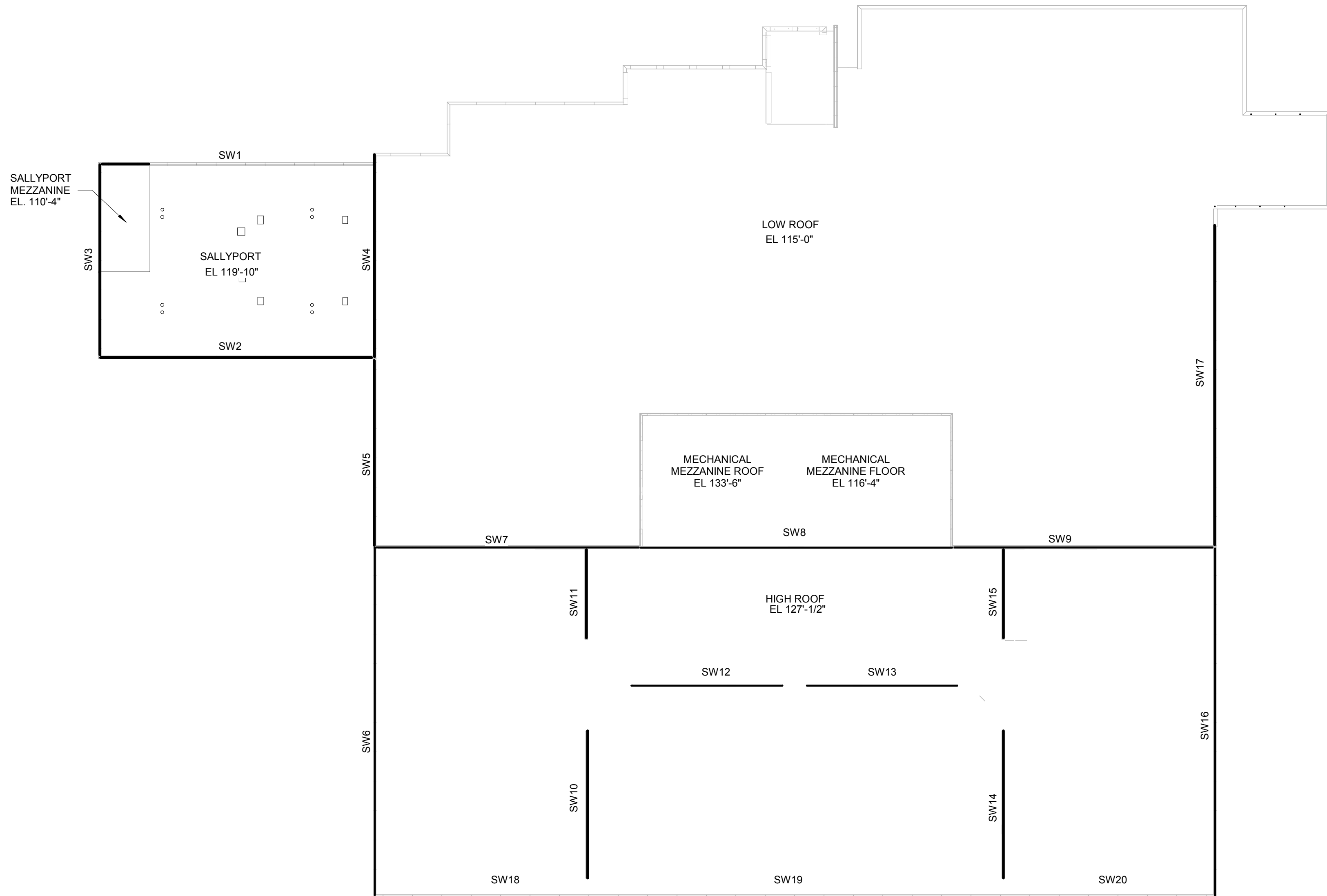
- NOTES:
1. PROVIDE 1.5BPA INSULATED CELLULAR ROOF DECK (GALV.) WITH HAT/PAN 20/18 GAGE.
 2. MD3 SHALL RECEIVE INTUMESCENT PAINT FIREPROOFING IN VESTIBULE.

3 STEEL DECK & ATTACHMENT SCHEDULE
S-701 SCALE: 3/4" = 1'-0"

SHEAR WALL MARK	LOW ROOF	SALLYPORT ROOF	SALLYPORT MEZZANINE	HIGH ROOF	MECHANICAL MEZZANINE	MECHANICAL MEZZANINE ROOF
SW1	---	330 PLF	630 PLF ⁵	---	---	---
SW2	---	330 PLF	---	---	---	---
SW3	---	460 PLF	285 PLF ⁵	---	---	---
SW4	480 PLF	460 PLF	---	---	---	---
SW5	480 PLF	---	---	---	---	---
SW6	---	---	---	680 PLF	---	---
SW7	275 PLF	---	---	1100 PLF	---	---
SW8	---	---	---	440 PLF	1050 PLF	375 PLF
SW9	275 PLF	---	---	1100 PLF	---	---
SW10	---	---	---	2000 PLF	---	---
SW11	---	---	---	2000 PLF	---	---
SW12	---	---	---	1100 PLF	---	---
SW13	---	---	---	1100 PLF	---	---
SW14	---	---	---	2000 PLF	---	---
SW15	---	---	---	2000 PLF	---	---
SW16	---	---	---	680 PLF	---	---
SW17	580 PLF	---	---	---	---	---
SW18	---	---	---	1100 PLF	---	---
SW19	---	---	---	675 PLF	---	---
SW20	---	---	---	1100 PLF	---	---

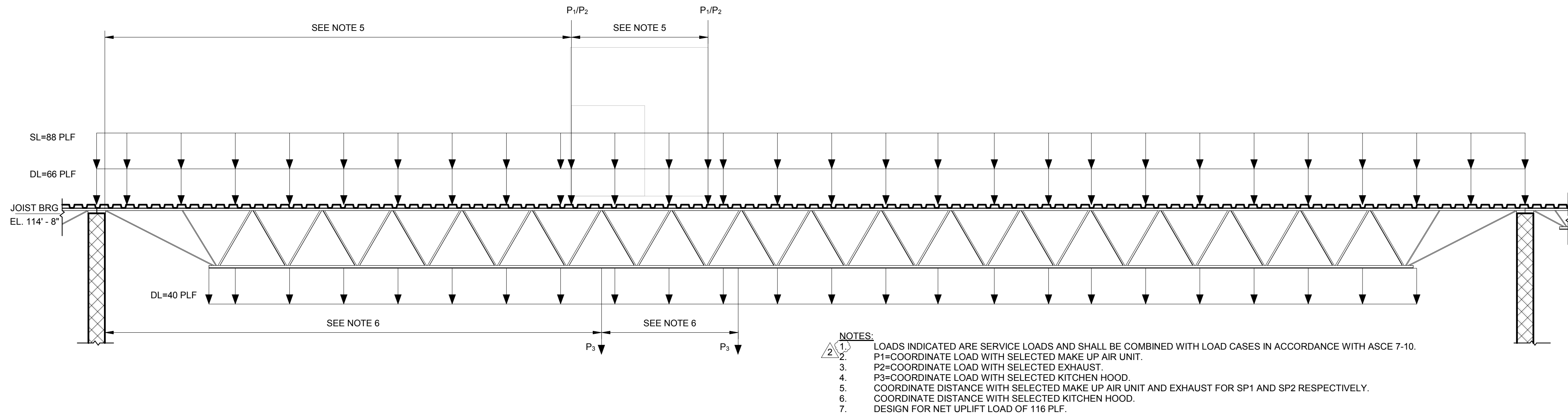
- NOTES:
1. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH ADDITIONAL LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
 2. REFERENCE FRAMING PLANS FOR ADDITIONAL BEAM LOADS SUPPORTED BY PRECAST WALL.
 3. UNITS SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE SUPERIMPOSED DEAD, SNOW AND WIND LOADS.
 4. SUPERIMPOSED LOADS:
 - a. ROOF DL = 25 PSF; INCLUDES SELFWEIGHT OF JOISTS.
 - b. ROOF SL = AS INDICATED ON 1/S-701.
 - c. ROOF WL = AS INDICATED ON 6/S-701.
 5. LOADS SHALL BE APPLIED TO THE PRECAST WALLS AT THE ELEVATIONS STATED IN DETAIL 7/S-701.
 6. THIS LOAD APPLIED ONLY WHERE MEZZANINE ATTACHES TO PRECAST WALL.

5 PRECAST WALL LOADING
S-701 SCALE: 3/4" = 1'-0"

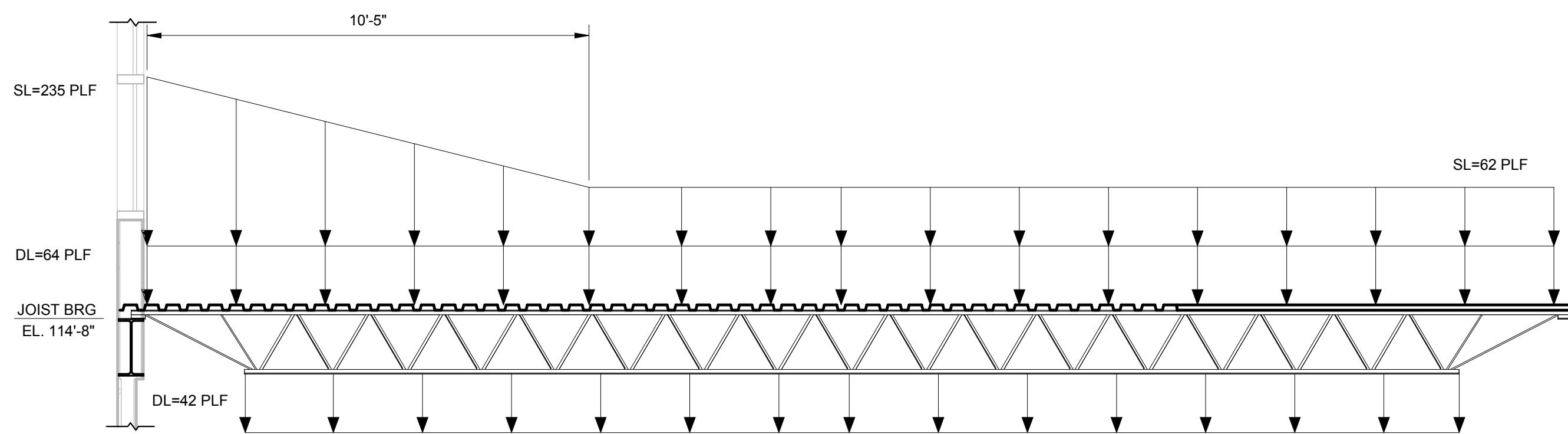


NOTE:
REFERENCE PRECAST WALL LOADING TABLE ON DETAIL 5/S-701.

7 PRECAST SHEAR WALL LOADS
S-701 SCALE: NTS

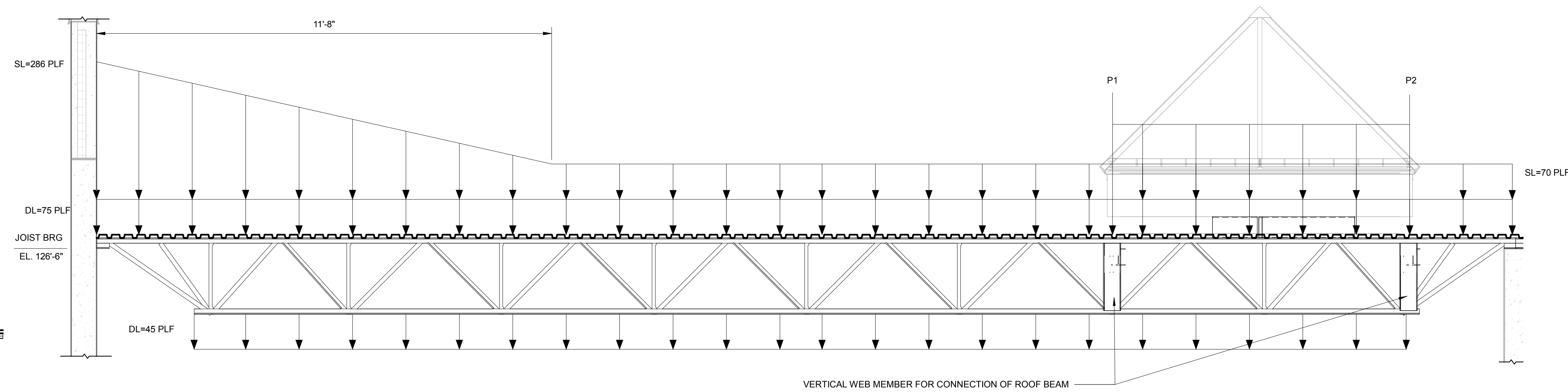


1 28K-SP1 AND SP2
S-702 SCALE: 3/8" = 1'-0"



NOTES:
1. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
2. BALANCED SNOW LOAD IS 88 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
3. DESIGN FOR NET UPLIFT LOAD OF 116 PLF.

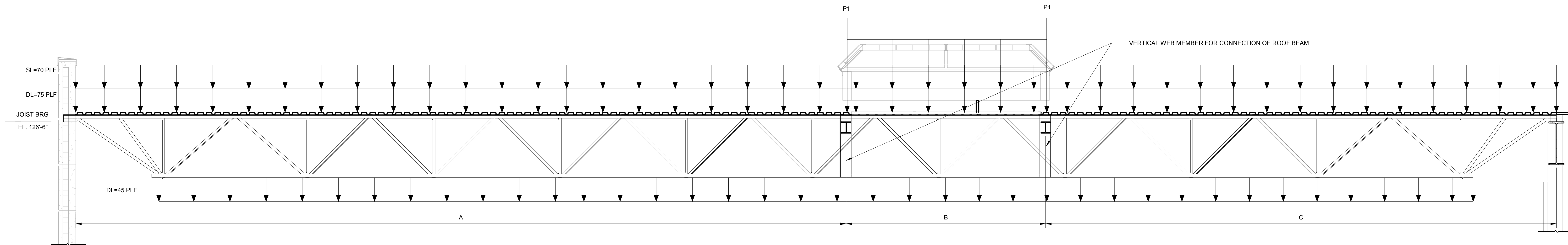
3 18K-SP1
S-702 SCALE: 3/8" = 1'-0"



NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
4. DESIGN FOR NET UPLIFT LOAD OF 131 PLF.
5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

LOADS	P1	P2
DL	4.1 K	1.3 K
SL _{flat}	2.4 K	0.8 K
SL _{slo}	3.4 K	1.1 K
WL _{down}	2.5 K	0.8 K
WL _{up}	-6.3 K	-2.0 K

4 36LH-SP1 AND SP2
S-702 SCALE: 3/8" = 1'-0"

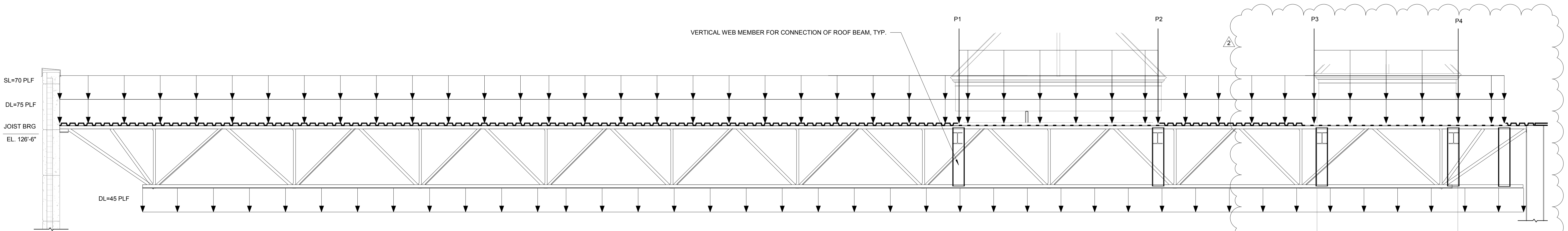


NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
4. DESIGN FOR NET UPLIFT LOAD OF 131 PLF.
5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

LOADS	P1
DL	4.5 K
SL _{flat}	2.7 K
SL _{slo}	3.8 K
WL _{down}	2.8 K
WL _{up}	-7.0 K

5 44LH-SP1, SP2, SP3, AND SP4
S-702 SCALE: 3/8" = 1'-0"

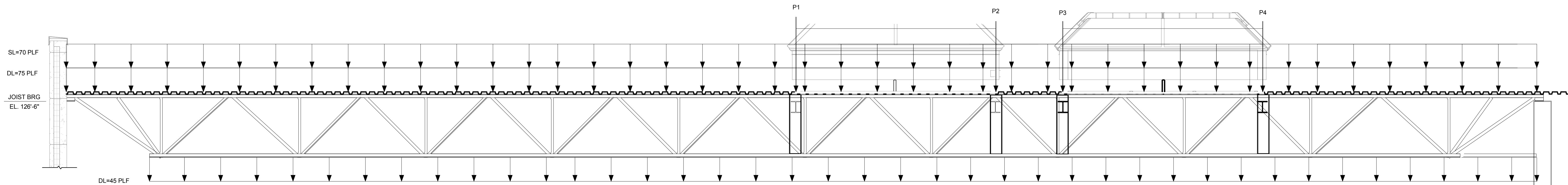
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- NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
 2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
 3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
 4. DESIGN FOR NET UPLIFT LOAD OF 131 PLF.
 5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
 6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
 7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
 8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

LOADS	P1	P2	P3	P4
DL	5.3 K	1.7 K	1.7 K	1.3 K
SL _{FLAT}	3.1 K	1.0 K	1.0 K	0.7 K
SL _{SNOW}	4.4 K	1.5 K	1.5 K	1.1 K
WL _{DOWN}	3.2 K	1.1 K	1.1 K	0.8 K
WL _{UP}	-8.1 K	-2.7 K	-2.7 K	-1.9 K

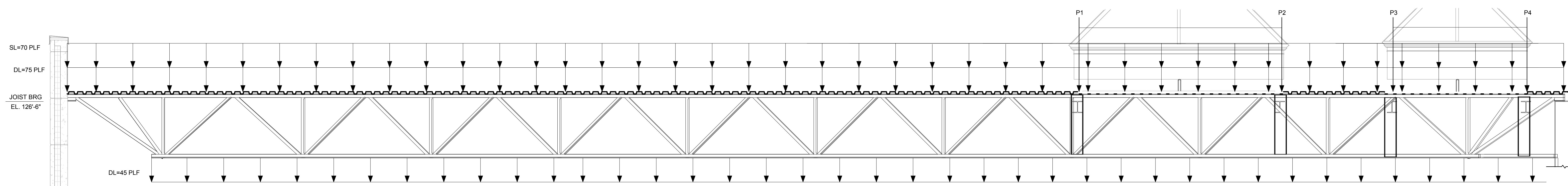
1 44LH-SP5
S-703 SCALE: 3/8" = 1'-0"



- NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
 2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
 3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
 4. DESIGN FOR NET UPLIFT LOAD OF 131 PLF.
 5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
 6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
 7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
 8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

LOADS	P1	P2	P3	P4
DL	4.5 K	1.4 K	1.4 K	2.2 K
SL _{FLAT}	2.6 K	0.8 K	0.8 K	1.3 K
SL _{SNOW}	3.7 K	1.2 K	1.2 K	1.8 K
WL _{DOWN}	2.7 K	0.9 K	0.9 K	1.3 K
WL _{UP}	-6.8 K	-2.2 K	-2.2 K	-3.4 K

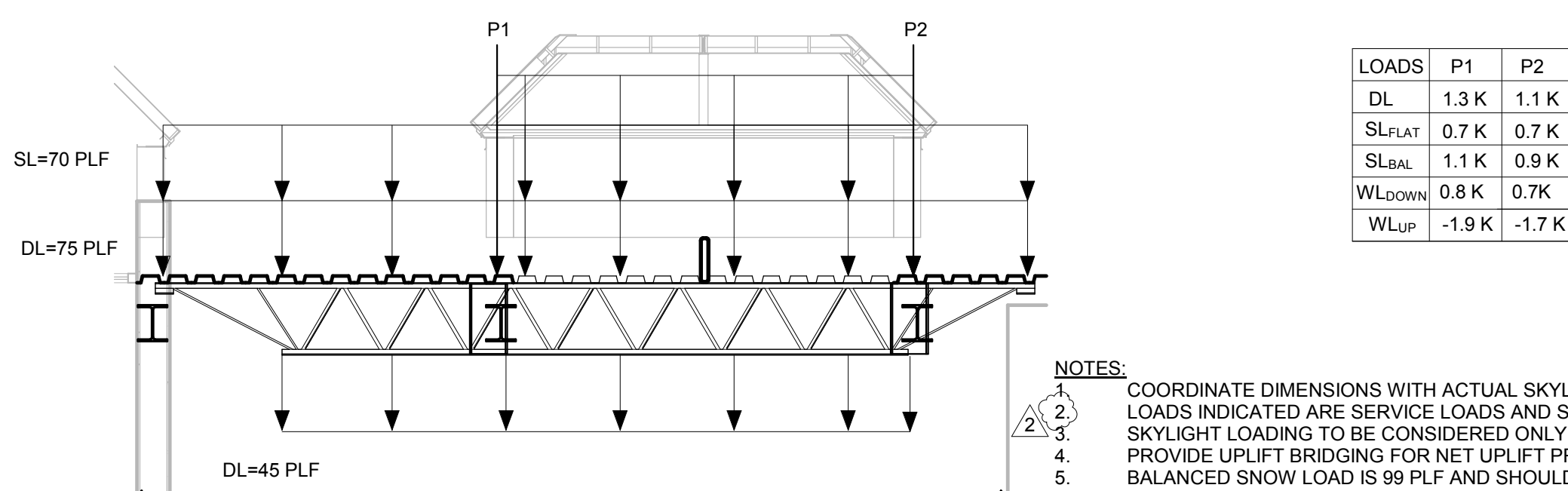
2 44LH-SP6
S-703 SCALE: 3/8" = 1'-0"



- NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
 2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
 3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
 4. DESIGN FOR NET UPLIFT LOAD OF 131 PLF.
 5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
 6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
 7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
 8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

LOADS	P1	P2	P3	P4
DL	5.6 K	1.4 K	1.1 K	1.0 K
SL _{FLAT}	3.3 K	0.8 K	0.7 K	0.7 K
SL _{SNOW}	4.6 K	1.2 K	0.9 K	0.9 K
WL _{DOWN}	3.4 K	0.9 K	0.7 K	0.6 K
WL _{UP}	-8.5 K	-2.2 K	-1.7 K	-1.6 K

3 44LH-SP7
S-703 SCALE: 3/8" = 1'-0"

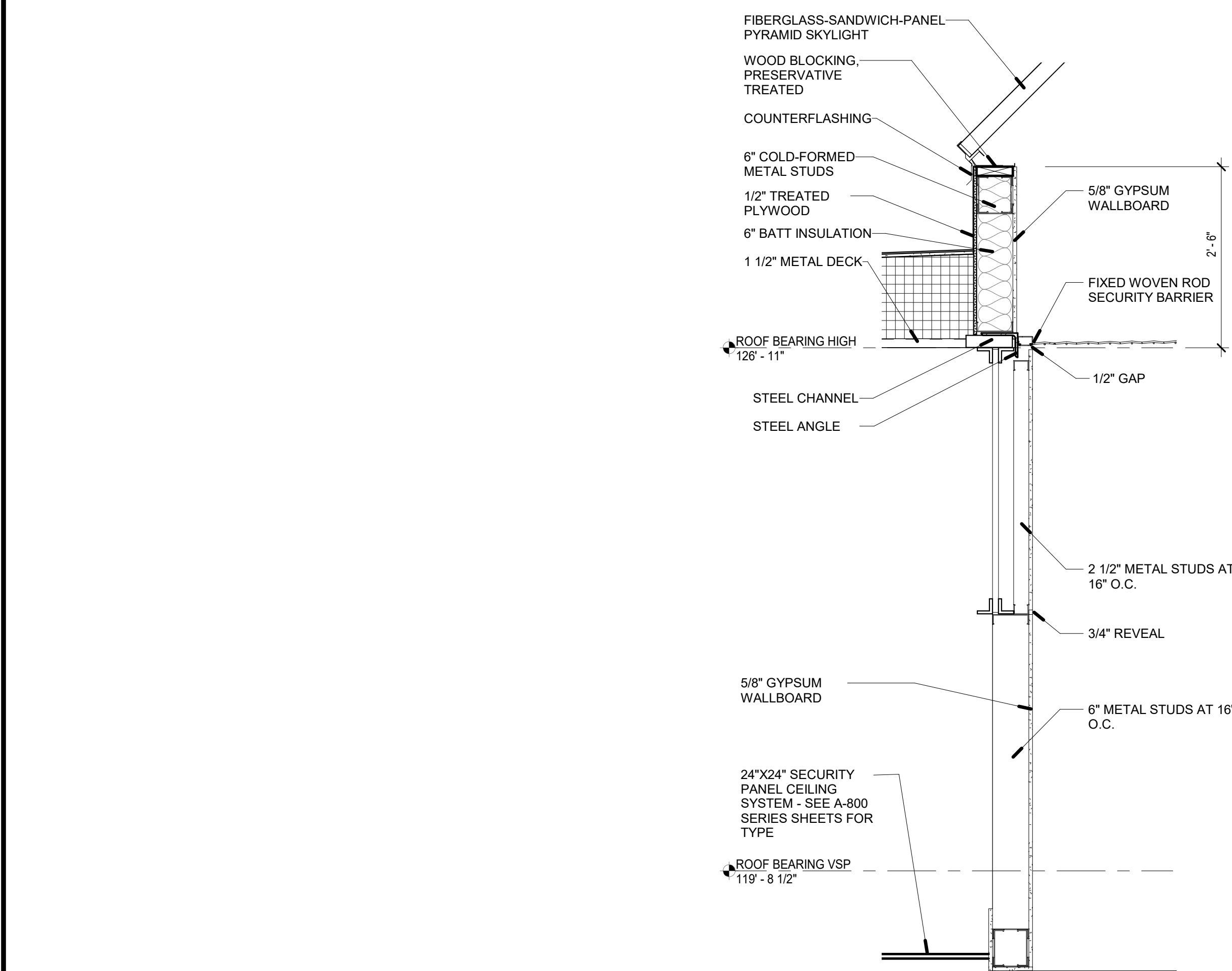


- NOTES:
1. COORDINATE DIMENSIONS WITH ACTUAL SKYLIGHTS PROVIDED.
 2. LOADS INDICATED ARE SERVICE LOADS AND SHALL BE COMBINED WITH LOAD CASES IN ACCORDANCE WITH ASCE 7-10.
 3. SKYLIGHT LOADING TO BE CONSIDERED ONLY AT SP2.
 4. PROVIDE UPLIFT BRIDGING FOR NET UPLIFT PRESSURE OF 131 PLF.
 5. BALANCED SNOW LOAD IS 99 PLF AND SHOULD BE CONSIDERED AS A SEPARATE LOAD CASE FROM SNOW DRIFT.
 6. AT SKYLIGHT, DEAD LOAD TOP AND BOTTOM CHORD SHALL CHANGE TO 140 PLF AND 40 PLF RESPECTIVELY.
 7. AT SKYLIGHT, FLAT SNOW LOAD SHALL INCREASE TO 130 PLF.
 8. AT SKYLIGHT, BALANCED SNOW LOAD SHALL BE TAKEN AS 182 PLF.

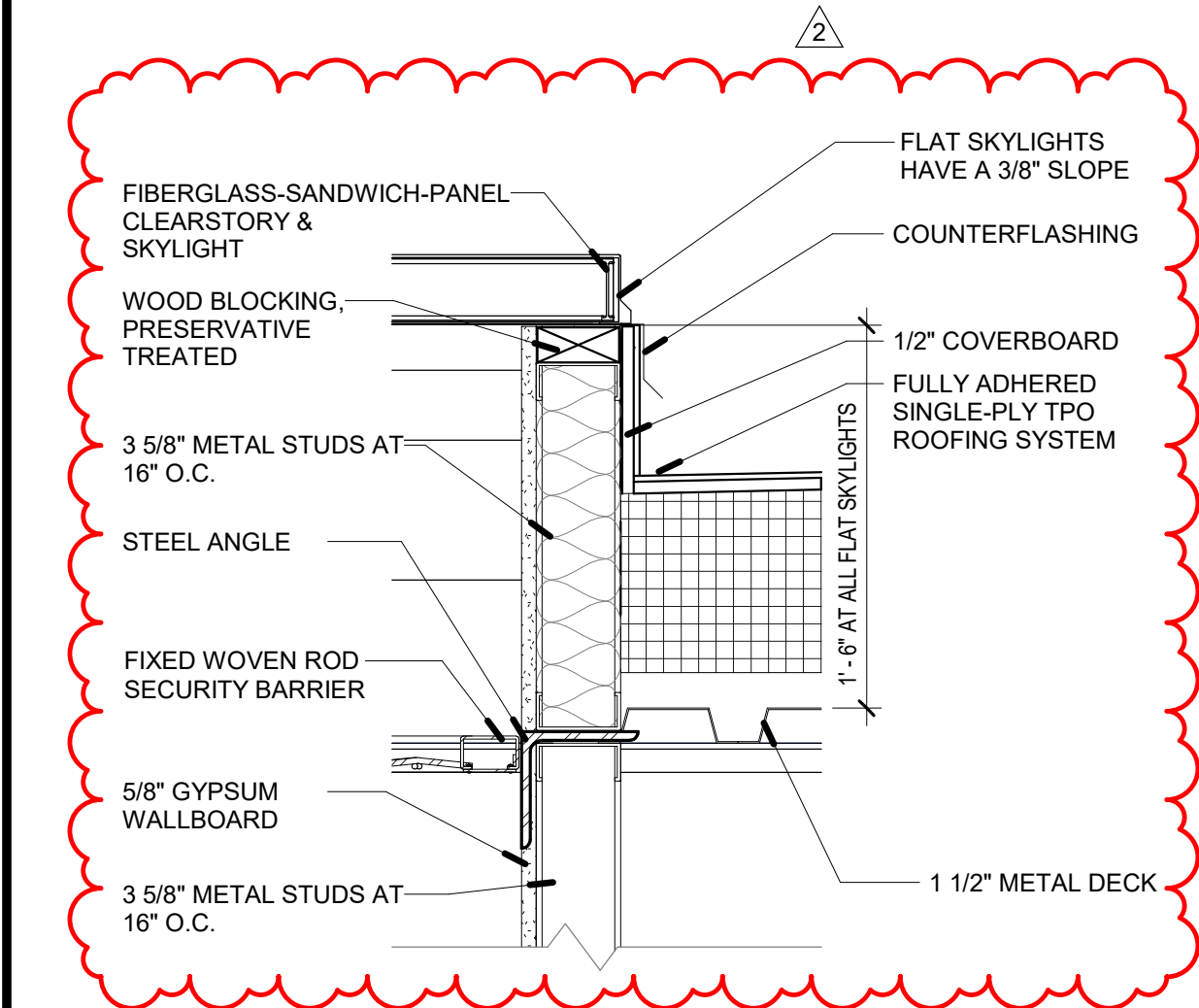
LOADS	P1	P2
DL	1.3 K	1.1 K
SL _{FLAT}	0.7 K	0.7 K
SL _{SNOW}	1.1 K	0.9 K
WL _{DOWN}	0.8 K	0.7 K
WL _{UP}	-1.9 K	-1.7 K

4 16K-SP1
S-703 SCALE: 3/8" = 1'-0"

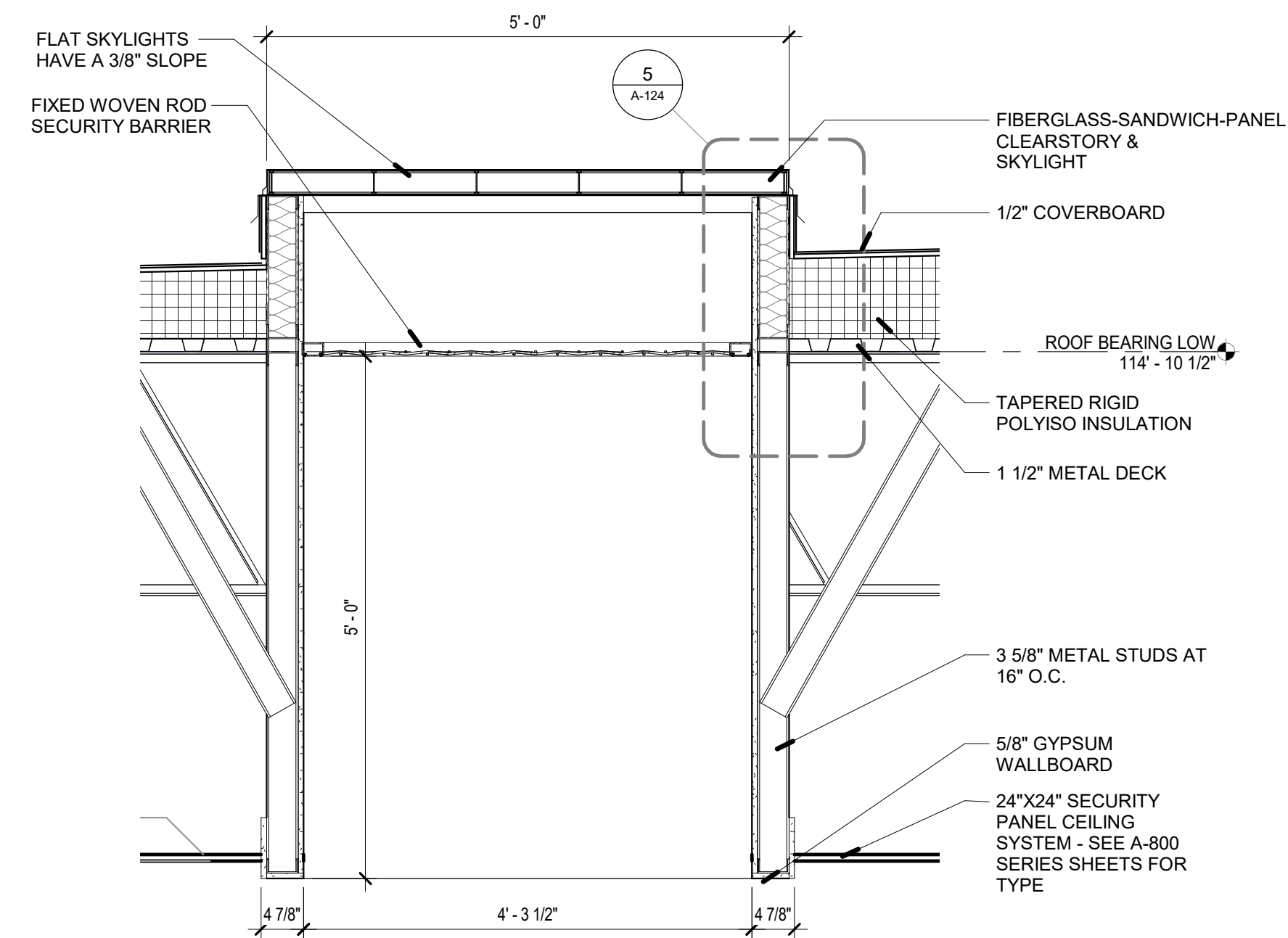
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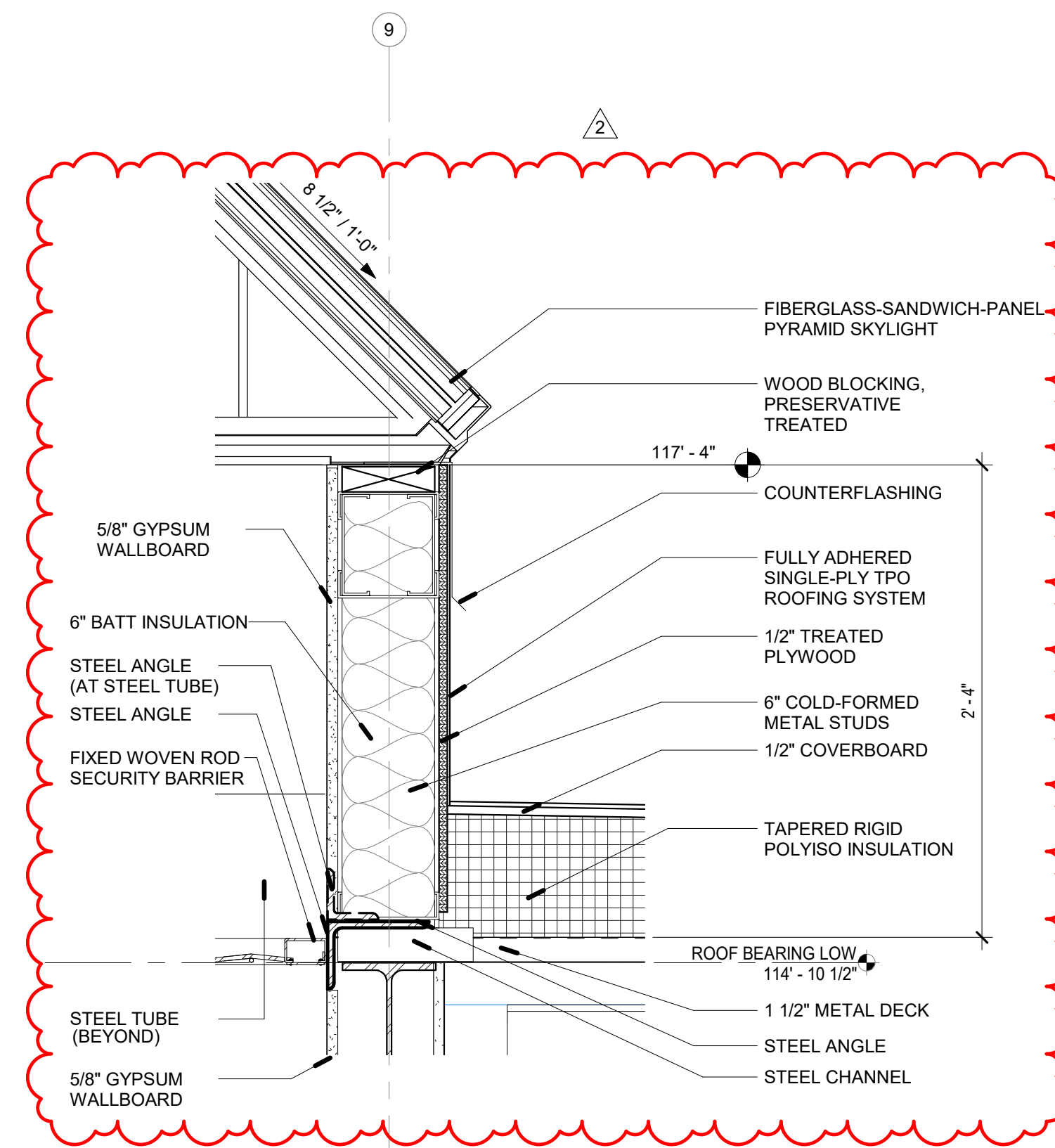
8 SKYLIGHT SECTION - DAYROOMS
SCALE: 3/4" = 1'-0"



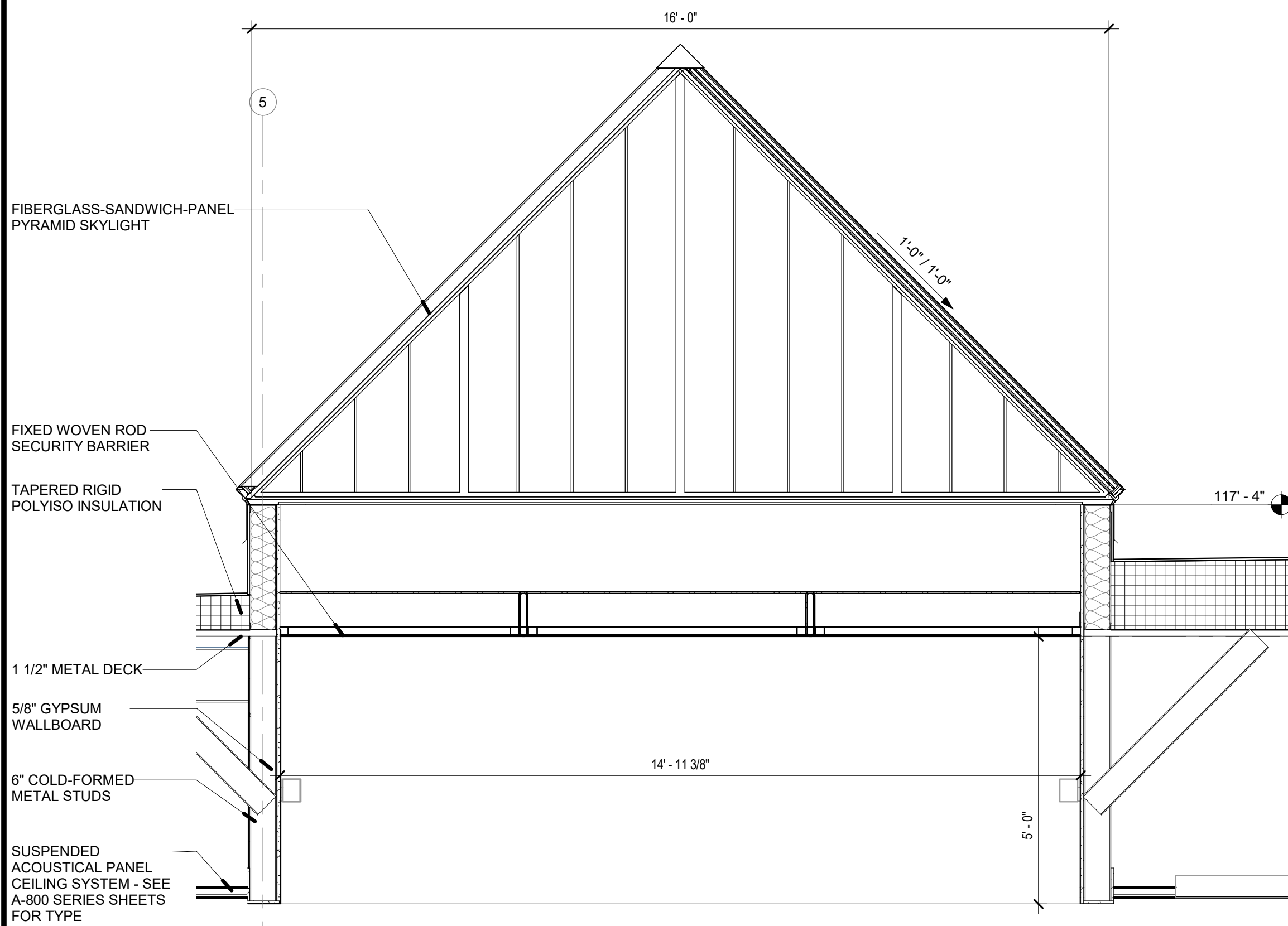
5 FLAT SKYLIGHT CURB DETAIL
SCALE: 1 1/2" = 1'-0"



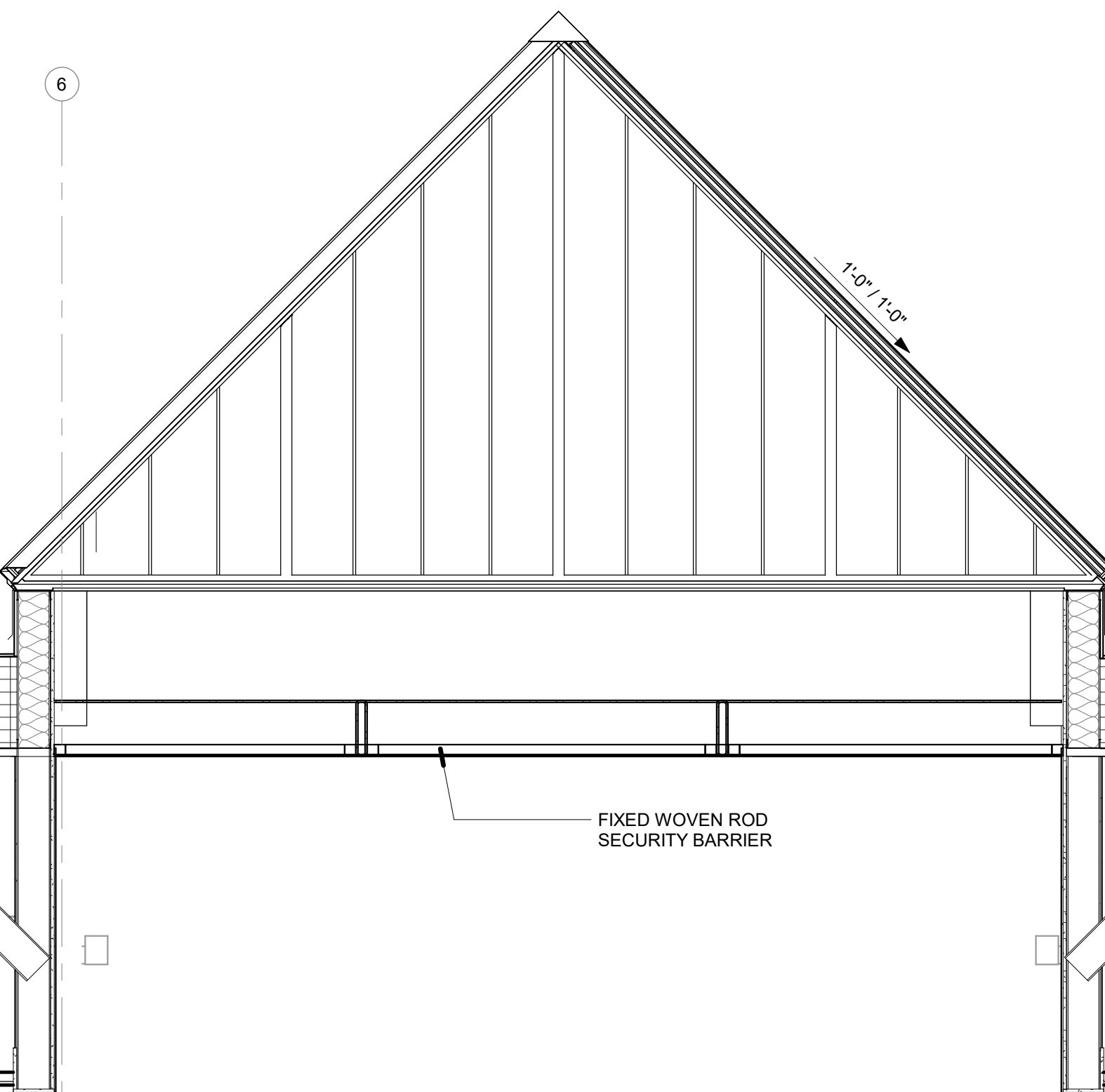
4 FLAT SKYLIGHT SECTION
SCALE: 3/4" = 1'-0"



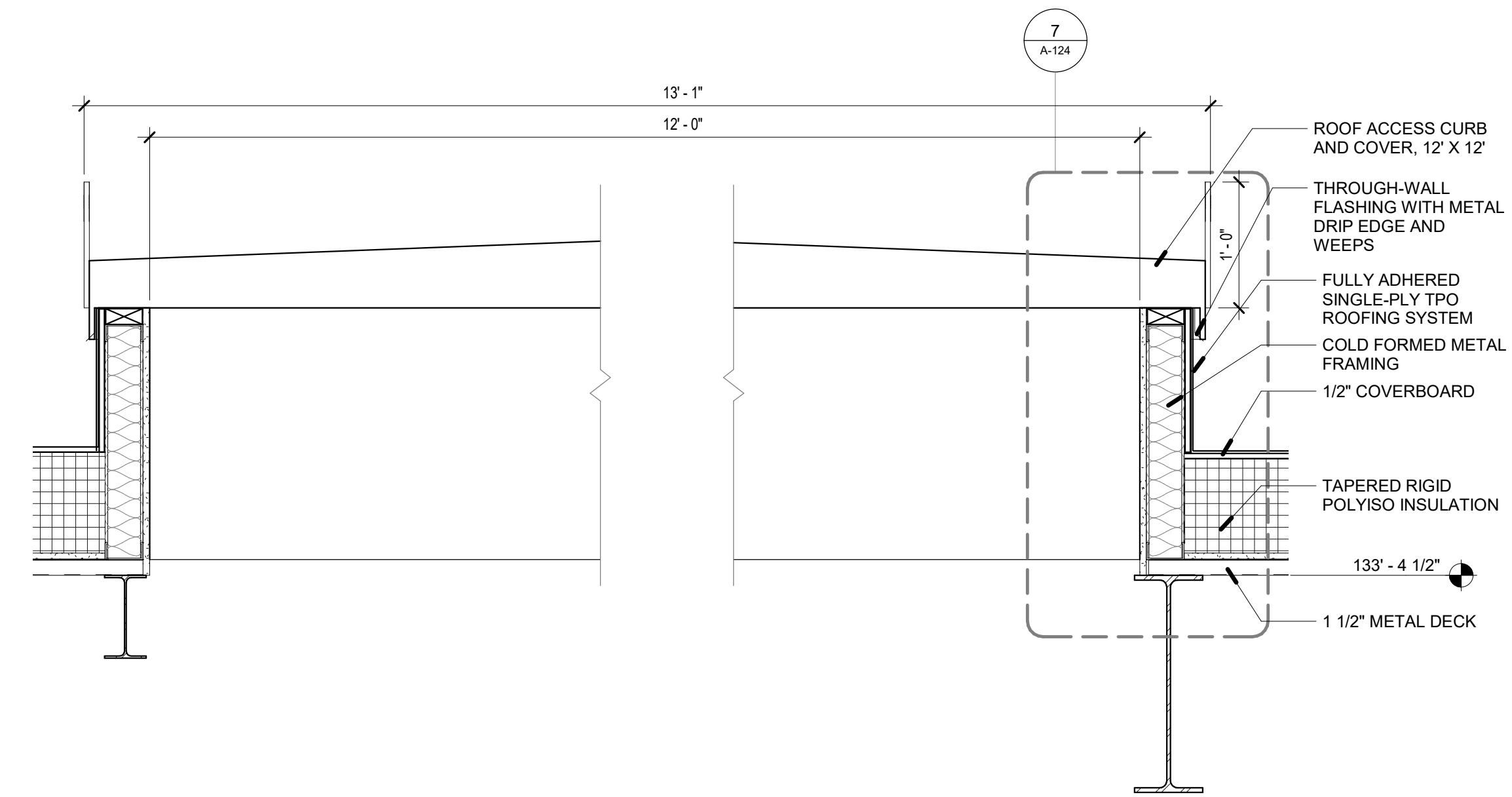
3 SKYLIGHT DETAIL
SCALE: 1 1/2" = 1'-0"



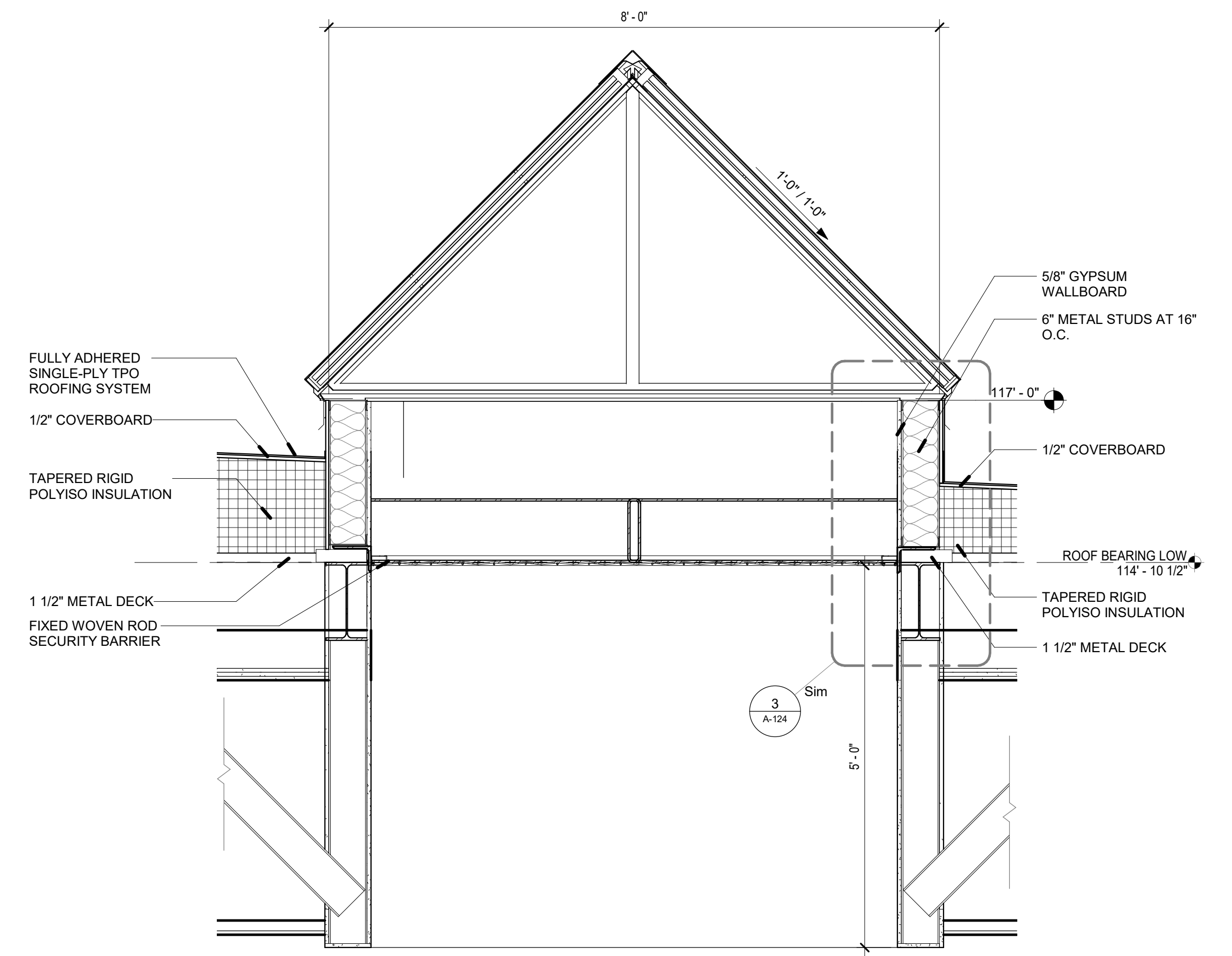
1 SKYLIGHT SECTION
SCALE: 1/2" = 1'-0"



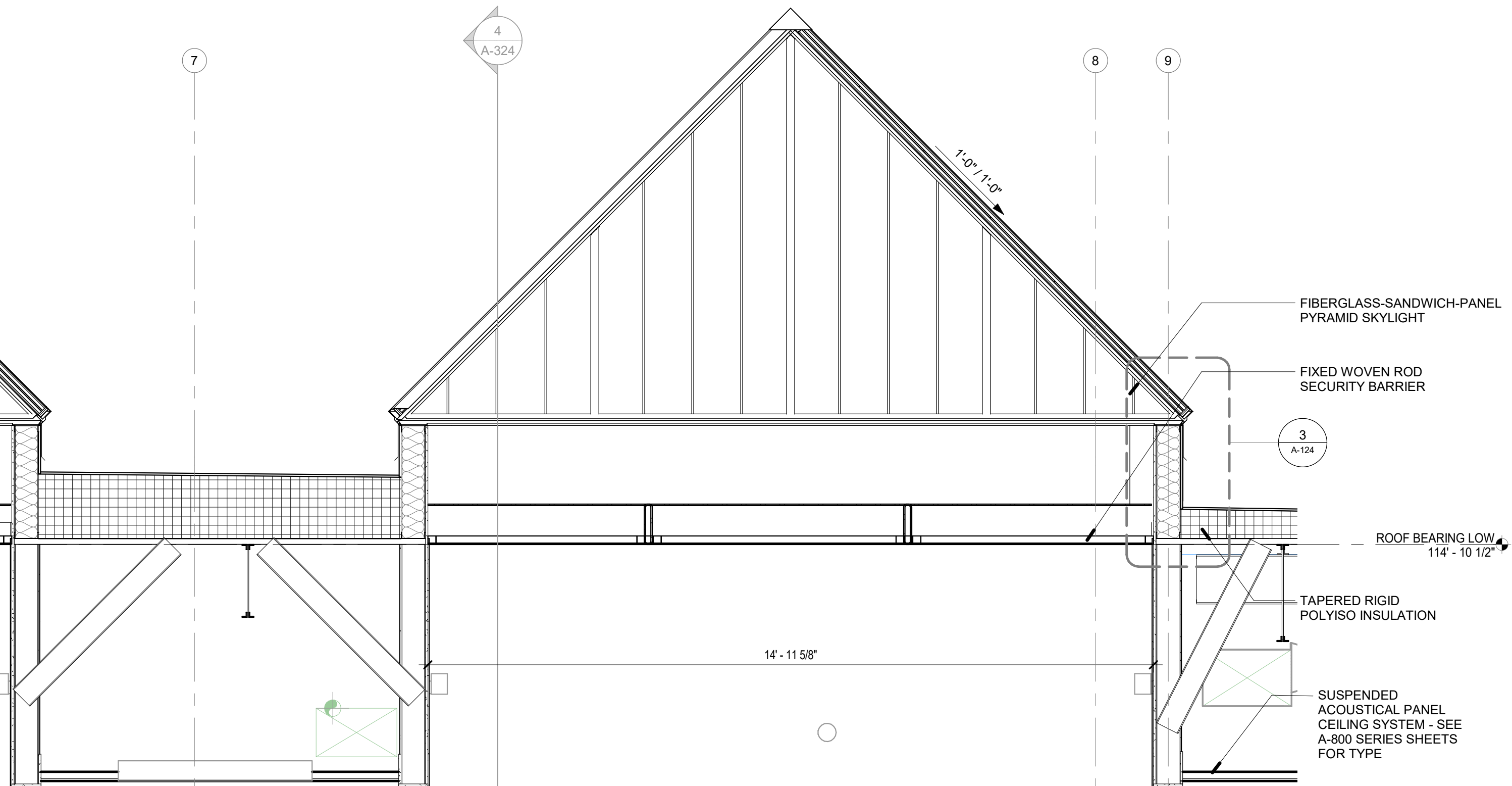
7 ROOF HATCH DETAIL
SCALE: 1 1/2" = 1'-0"



6 ROOF HATCH SECTION
SCALE: 1" = 1'-0"



2 SKYLIGHT SECTION
SCALE: 3/4" = 1'-0"



DRAWING NUMBER

A-124

ARCHITECTURE

VIGO COUNTY SECURITY CENTER

TERRE HAUTE, INDIANA

SKYLIGHT DETAILS

DRAWN: WCS

DESIGNED: EER

APPROVED: EER

DATE: September 5, 2019

PROJECT NUMBER

1663-1190-90

DATE

09/19/19

REVISION

2

Addendum #02

NO.

2

CHKD: SAC

DESIGNED: EER

APPROVED: EER

DATE: September 5, 2019

PROJECT NUMBER

1663-1190-90

VIGO COUNTY SECURITY CENTER

TERRE HAUTE, INDIANA

SKYLIGHT DETAILS

DRAWING NUMBER

A-124

ARCHITECTURE

DATE

09/19/19

REVISION

2

Addendum #02

NO.

2

CHKD: SAC

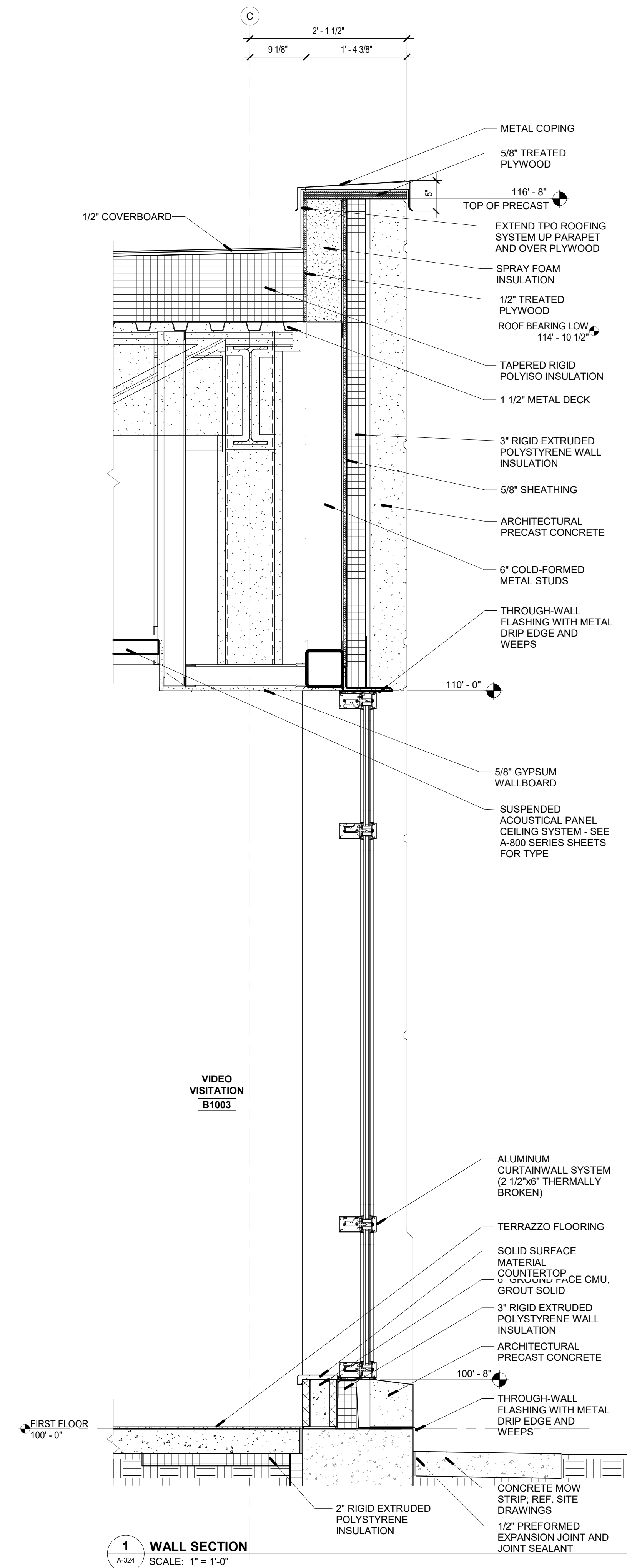
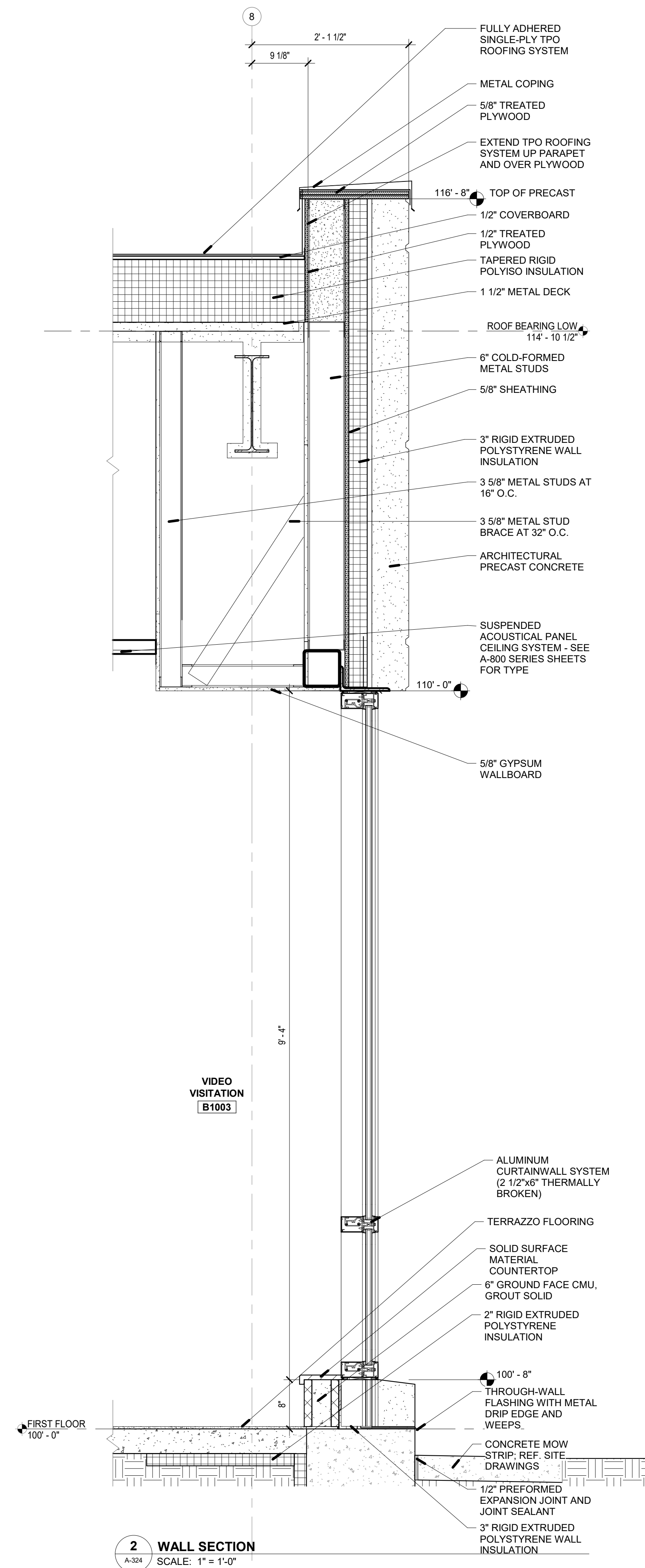
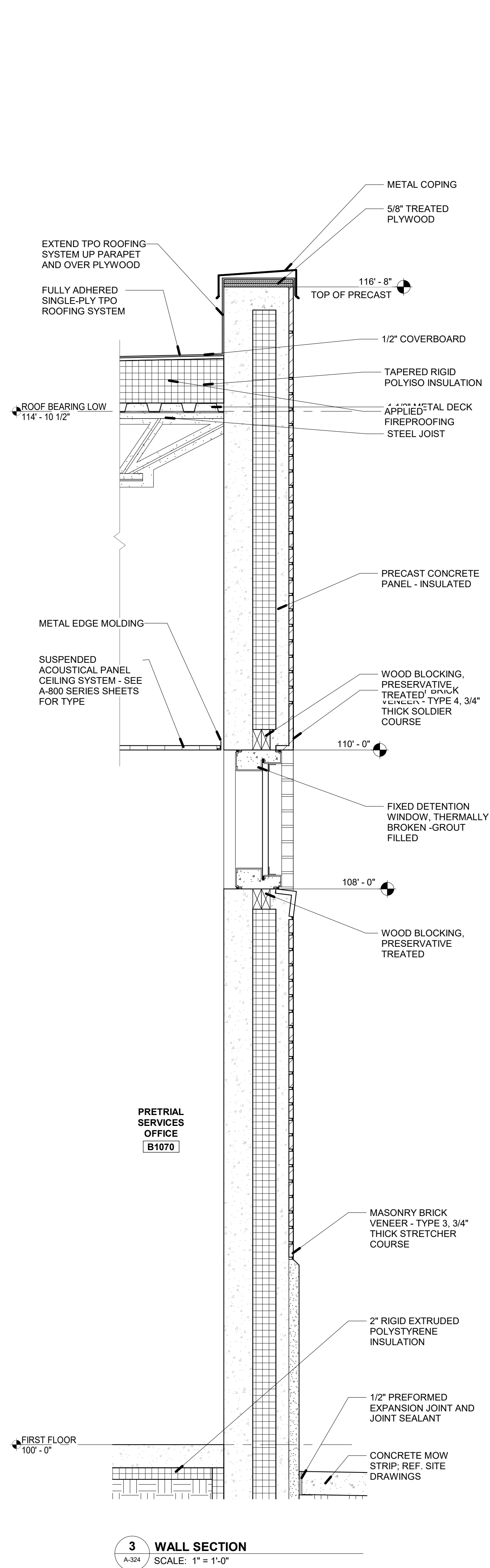
DESIGNED: EER

APPROVED: EER

DATE: September 5, 2019

PROJECT NUMBER

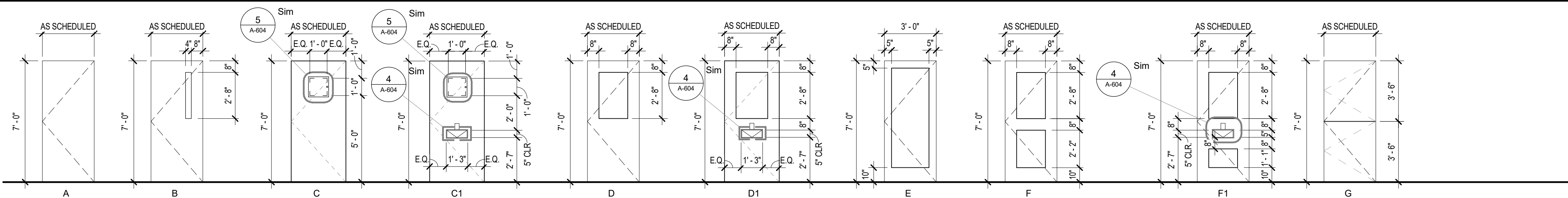
1663-1190-90



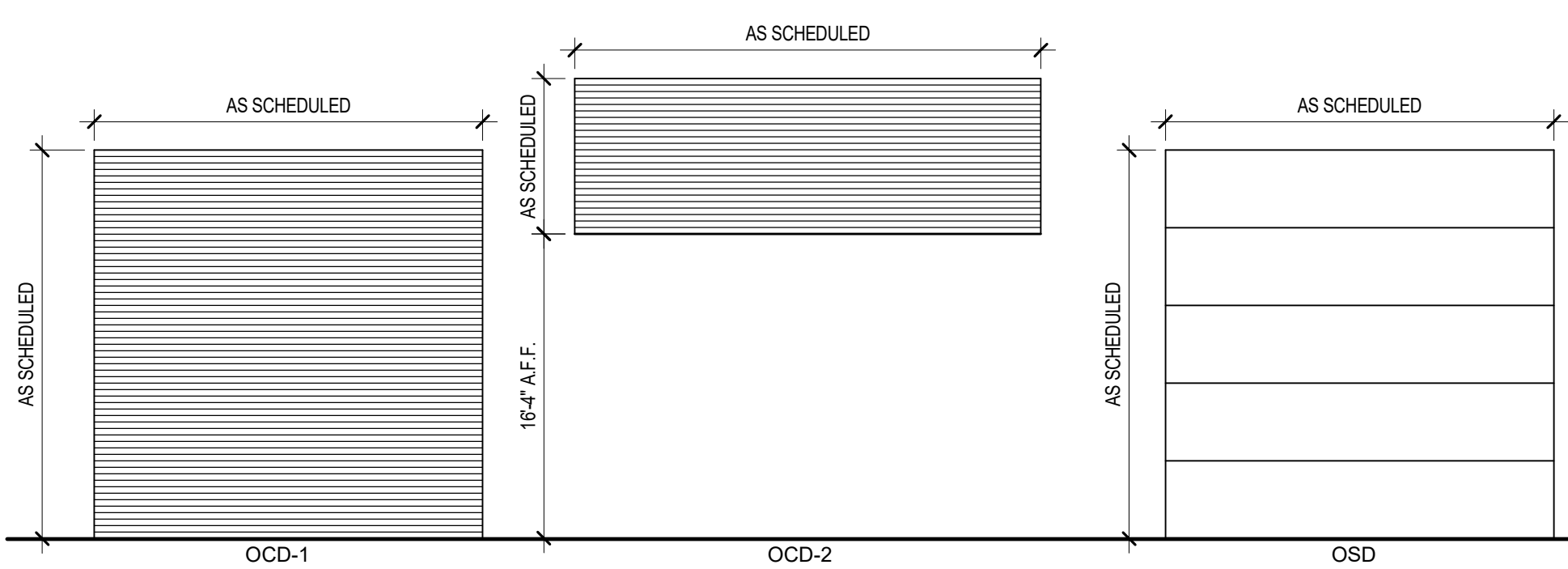


A. REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.

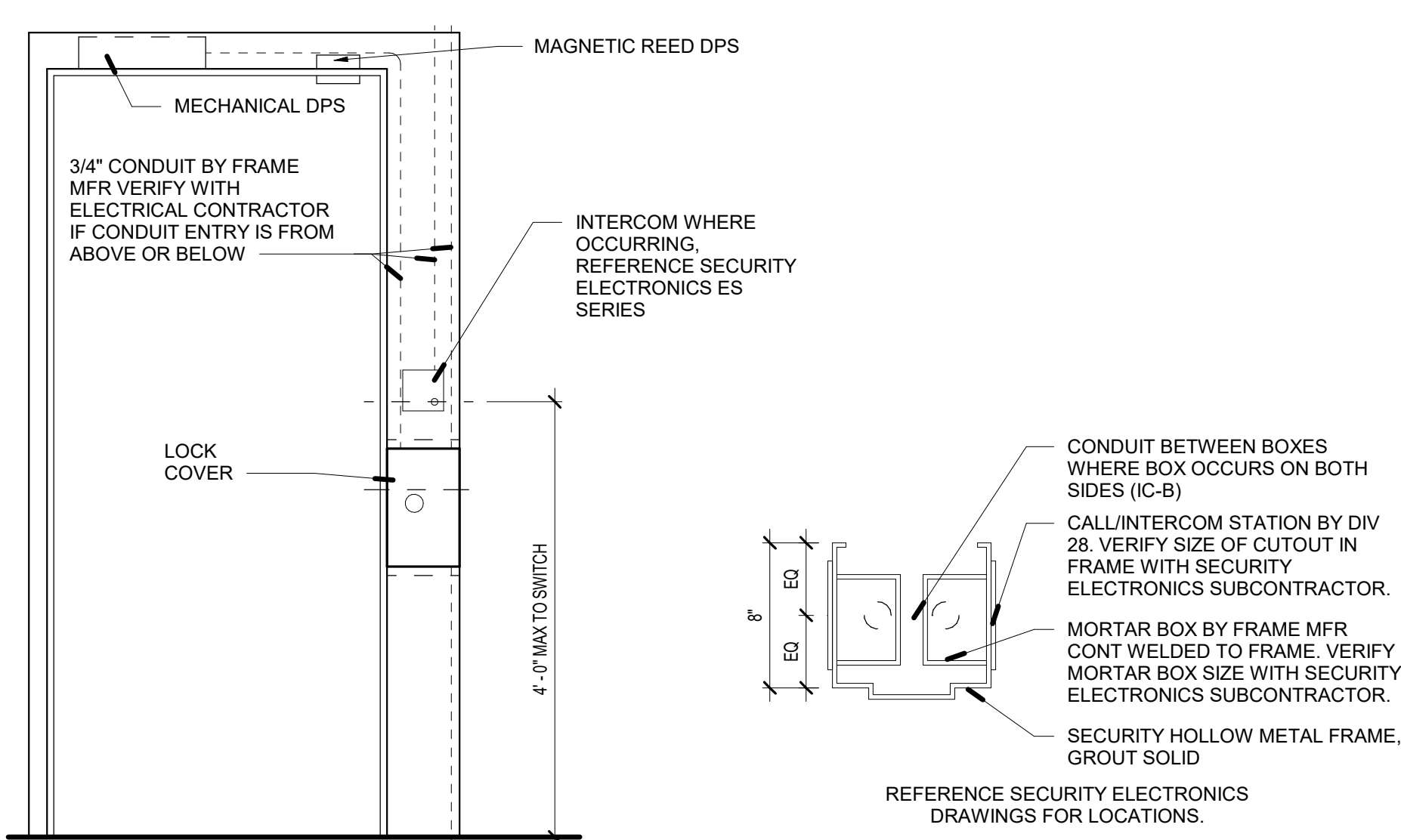
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DOOR ELEVATIONS - 1' - 0" = 1/4"



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



1 DETENTION DOOR ELEVATION
SCALE: 3/4" = 1'-0"

2 FRAME MOUNTED INTERCOM DETAIL
SCALE: 1 1/2" = 1'-0"

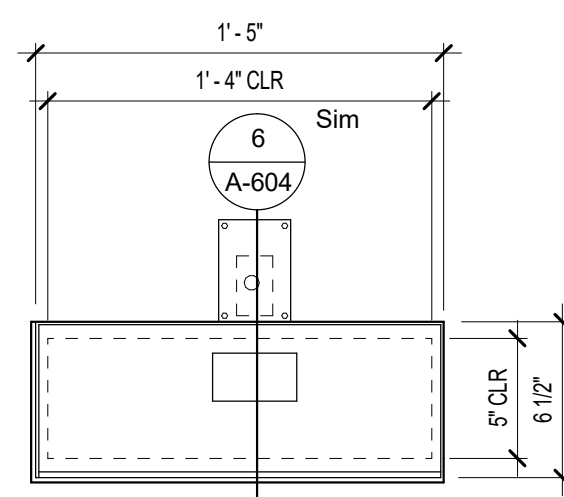
SECTION 083113
AD-1 ACCESS DOOR
AD-1F ACCESS DOOR
(FIRE RATED)

SECTION 083119
SAD-1 SECURITY ACCESS DOOR
SAD-1F SECURITY ACCESS DOOR
(FIRE RATED)

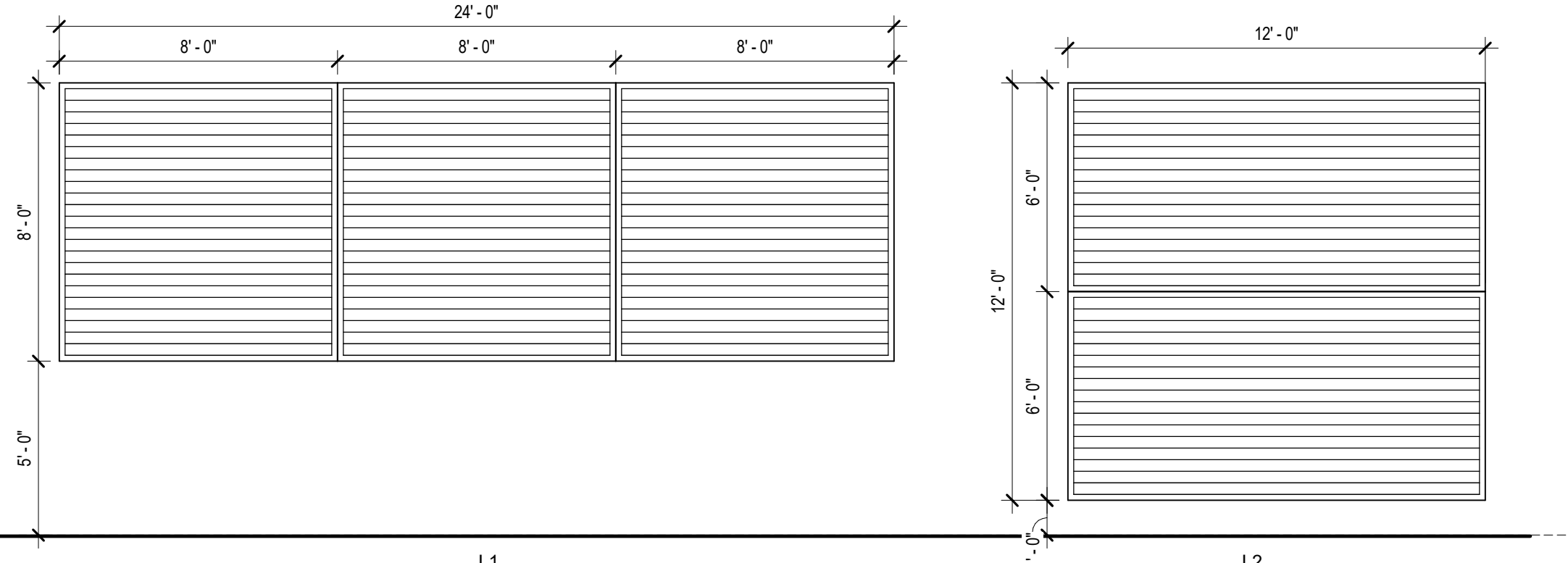
SECTION 083113
AD-2 ACCESS DOOR
AD-2F ACCESS DOOR
(FIRE RATED)

SECTION 083119
SAD-2 SECURITY ACCESS DOOR
SAD-2F SECURITY ACCESS DOOR
(FIRE RATED)

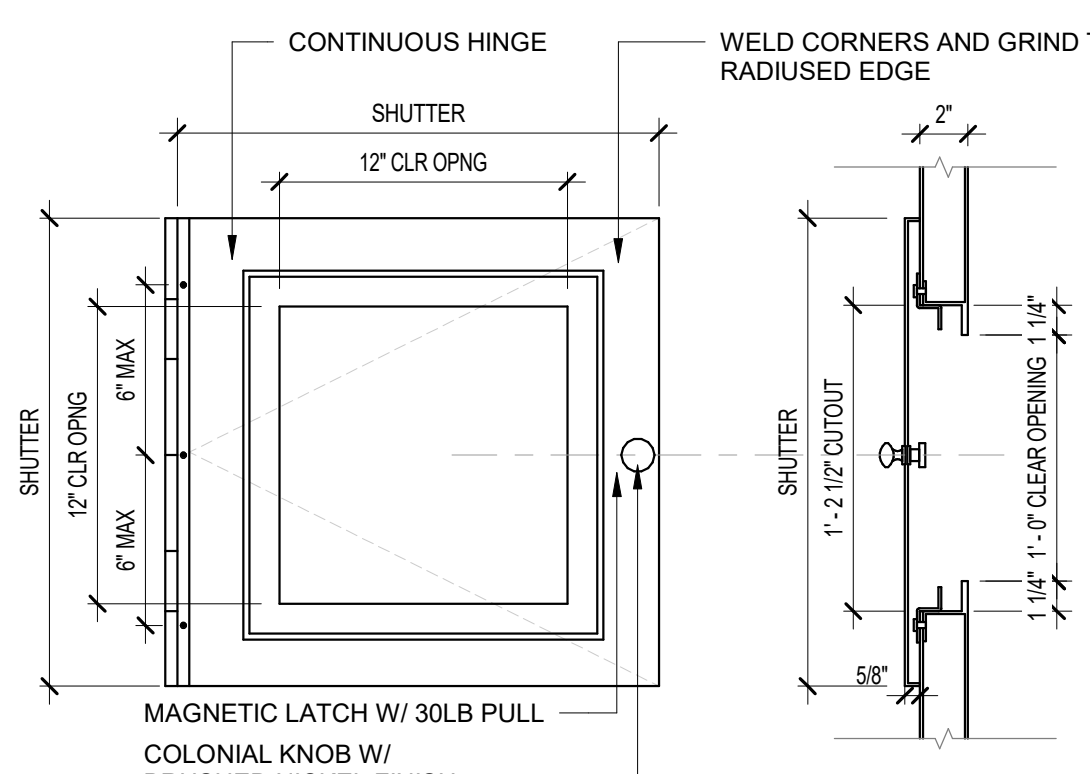
ACCESS DOOR ELEVATIONS



4 FOOD PASS DETAIL
SCALE: 1 1/2" = 1'-0"

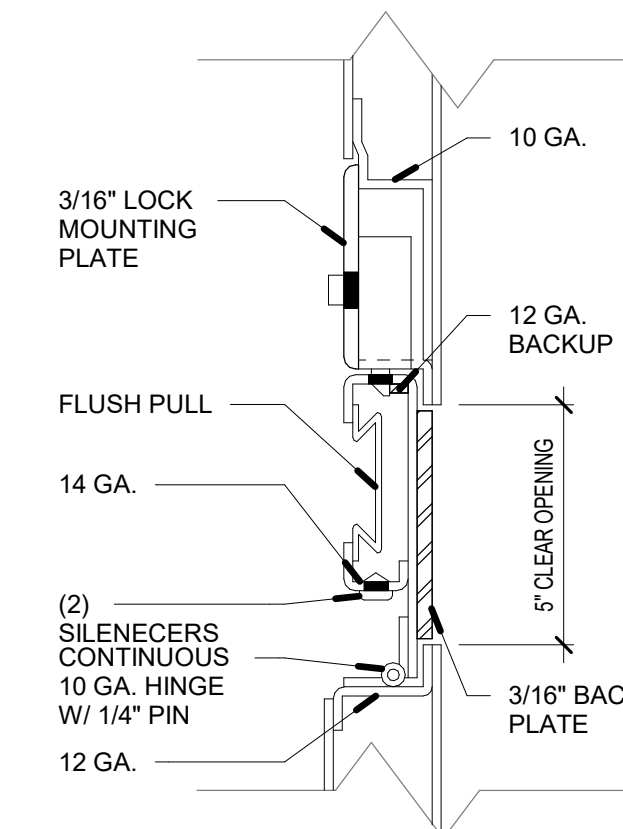


LOUVER ELEVATIONS



5 DOOR SHUTTER DETAIL
SCALE: 1 1/2" = 1'-0"

6 FOOD PASS SECTION
SCALE: 3" = 1'-0"



GENERAL NOTES:

- REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- ALL HOLLOW METAL DOORS AND FRAMES ARE TO BE PAINTED.
- EXTERIOR HOLLOW METAL DOORS AND FRAMES ARE TO BE GALVANIZED AND PAINTED.
- ALL EXTERIOR DOORS SHALL BE INSULATED.
- COORDINATE DOORS AND FRAMES WITH ACCESS CONTROL SYSTEM HARDWARE AND ELECTRICAL REQUIREMENTS INCLUDING ALL WIRING AND CONNECTIONS.
- ALL WOOD DOORS TO BE FACTORY-FINISHED.
- PROVIDE A ROOM IDENTIFICATION PANEL SIGN FOR EACH INTERIOR DOOR LOCATION OUTSIDE THE SECURE PERIMETER OF THE FACILITY AS SHOWN ON A-070 AND A-071.
- PROVIDE INCLUDING MALE/FEMALE/UNISEX AND ADA GRAPHICS WHERE APPLICABLE. FINAL ROOM NAMES, ROOM NUMBERS, AND LOCATIONS TO BE DETERMINED PRIOR TO FABRICATION. MOUNTING FOR PANEL SIGNS TO BE ON THE WALL ADJACENT TO THE DOOR APPROXIMATELY 48" S4" A.F.F.
- REFER TO SECURITY ELECTRONIC DRAWINGS FOR DOOR CONTROLS, MONITORING AND ACCESS CONTROL.
- OPENING WIDTH SCHEDULED FOR SLIDING DOORS IS CLEAR OPENING WIDTH NOT ACTUAL WIDTH OF DOOR LEAF. CLEAR OPENING WIDTH DOES NOT INCLUDE MECHANICAL RELEASE COLUMN AND RECEIVER.

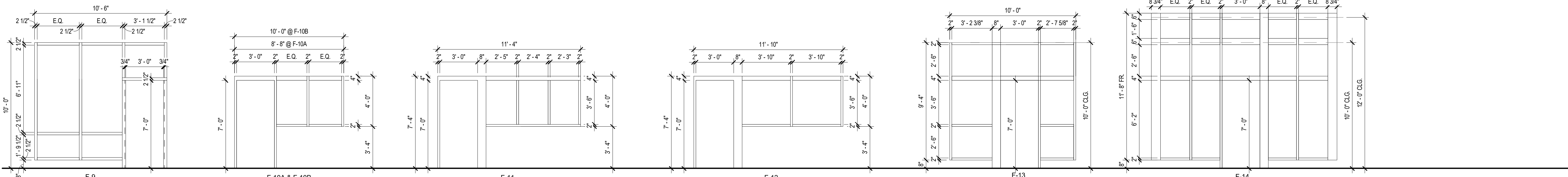
GLAZING SCHEDULE - COMMERCIAL

- IG-1 1" CLEAR INSULATING LOW-E GLAZING
IG-2 1" INSULATED SPANDREL GLASS
LG-1 LAMINATED GLASS
LG-1F LAMINATED FIRE-RATED GLASS

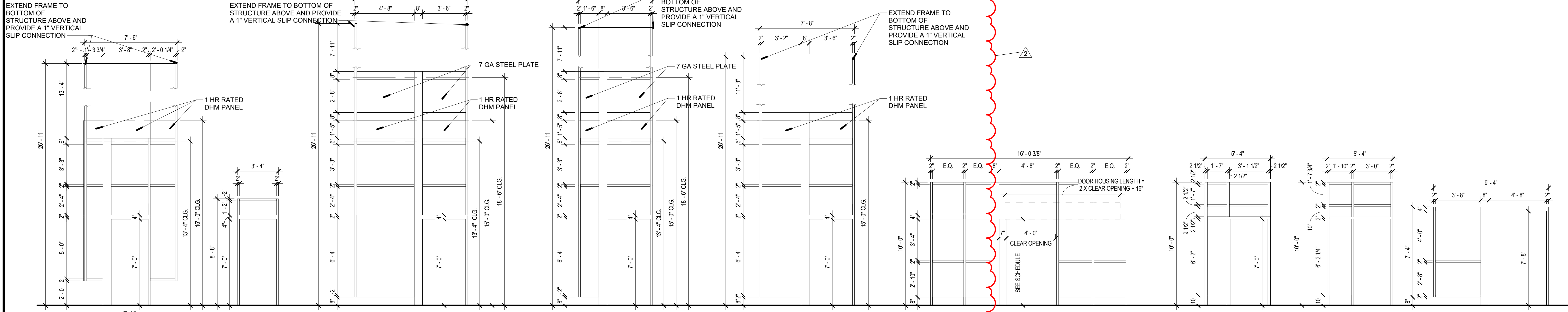
GLAZING SCHEDULE - DETENTION

- BR-3M MIRRORRED (ONE WAY) LAMINATED BULLET-RESISTANT GLAZING
GCP-1 60 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-1F 60 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY SP029)
GCP-1M 60 MINUTE PHYSICAL ATTACK; MIRRORRED (SECURE-TEM + POLY SP029)
GCP-1MF 60 MINUTE PHYSICAL ATTACK; MIRRORRED, FIRE RATED (SECURE-TEM + POLY)
GCP-2 40 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-2F 40 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY)
GCP-2M 40 MINUTE PHYSICAL ATTACK; MIRRORRED (SECURE-TEM + POLY SP029)
GCP-2MF 40 MINUTE PHYSICAL ATTACK; MIRRORRED, FIRE-RATED (SECURE-TEM + POLY SP029)
GCP-3 20 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-3F 20 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY)
LP-3 CLEAR LAMINATED POLYCARBONATE
SIG-2 40 MINUTE LOW-E COATED, CLEAR INSULATING GLASS POLYCARBONATE UNIT
STL 7 GAUGE STEEL PANEL INFILL

DOOR FRAME ELEVATIONS - 1' - 0" = 1/4"



DOOR FRAME ELEVATIONS - 1' - 0" = 1/4"



DOOR FRAME ELEVATIONS - 1' - 0" = 1/4"

GLAZING SCHEDULE - DETENTION

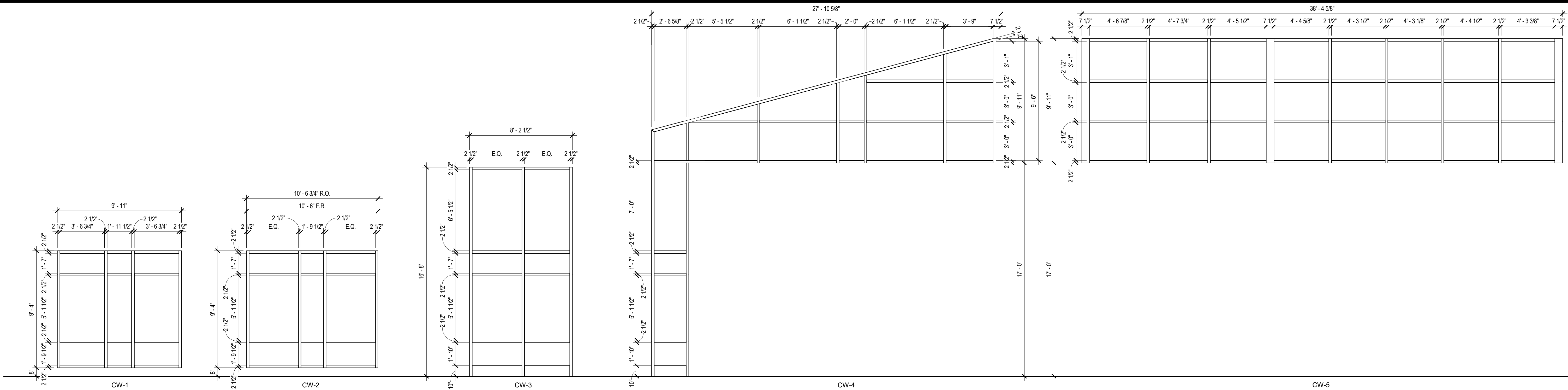
- IG-1 1" CLEAR INSULATING LOW-E GLAZING
IG-2 1" INSULATED SPANDREL GLASS
LG-1 LAMINATED GLASS
LG-1F LAMINATED FIRE-RATED GLASS

GLAZING SCHEDULE - DETENTION

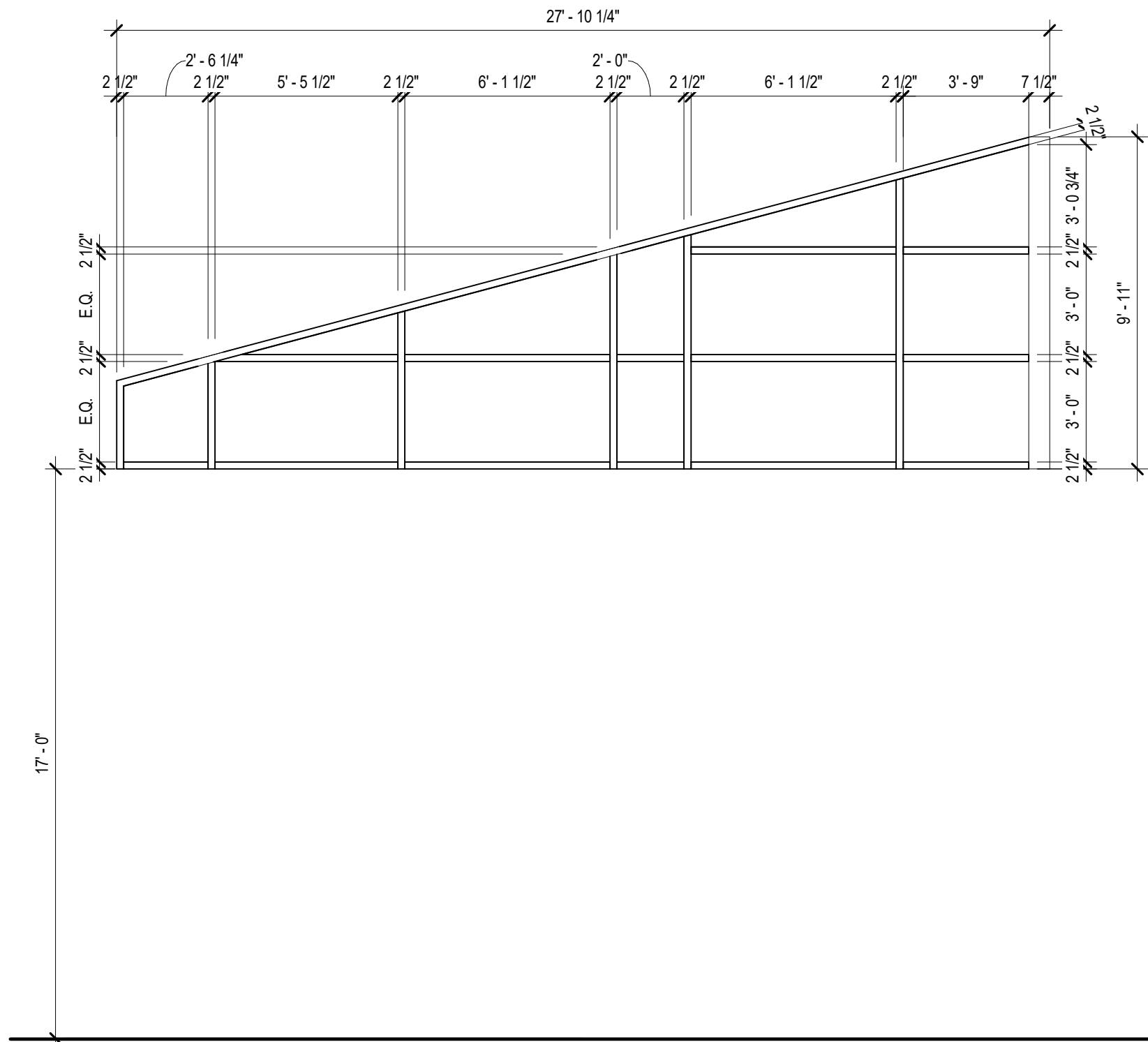
- BR-3M MIRRORRED (ONE WAY) LAMINATED BULLET-RESISTANT GLAZING
GCP-1 60 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-1F 60 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY SP029)
GCP-1M 60 MINUTE PHYSICAL ATTACK; MIRRORRED (SECURE-TEM + POLY SP029)
GCP-1MF 60 MINUTE PHYSICAL ATTACK; MIRRORRED, FIRE RATED (SECURE-TEM + POLY)
GCP-2 40 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-2F 40 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY)
GCP-2M 40 MINUTE PHYSICAL ATTACK; MIRRORRED (SECURE-TEM + POLY SP029)
GCP-2MF 40 MINUTE PHYSICAL ATTACK; MIRRORRED, FIRE-RATED (SECURE-TEM + POLY SP029)
GCP-3 20 MINUTE PHYSICAL ATTACK (SECURE-TEM + POLY SP029)
GCP-3F 20 MINUTE PHYSICAL ATTACK, FIRE-RATED (SECURE-TEM + POLY)
LP-3 CLEAR LAMINATED POLYCARBONATE
SIG-2 40 MINUTE LOW-E COATED, CLEAR INSULATING GLASS POLYCARBONATE UNIT
STL 7 GAUGE STEEL PANEL INFILL

NO.	REVISION	DATE
2	Addendum #02	09/19/19

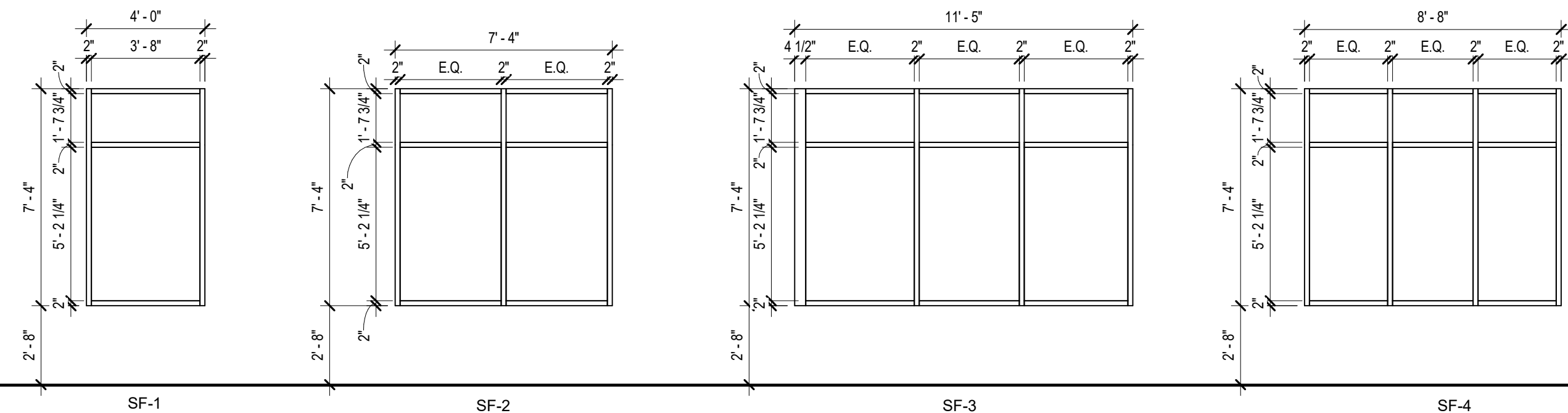
DRAWN: WSGT	CHKD: CAG
DESIGNED: EBR	APPRVD: EBR
DATE: September 5, 2019	PROJECT NUMBER
1663-1190-90	



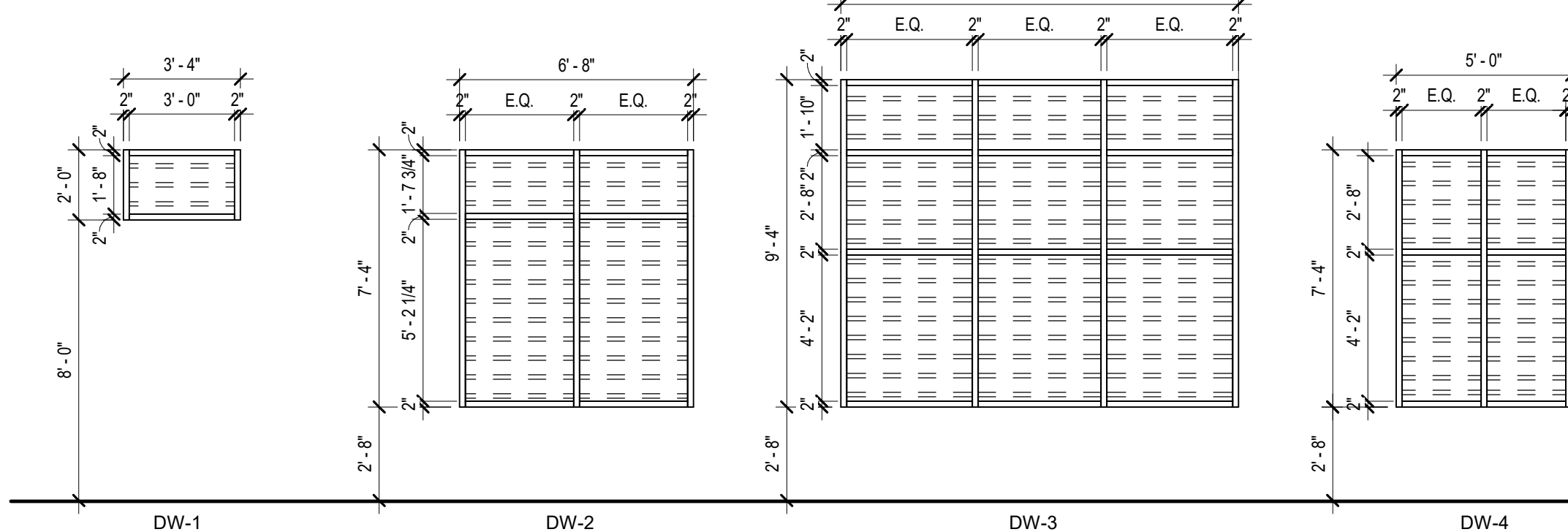
STOREFRONT ELEVATIONS - 1' - 0" = 1/4"



EXTERIOR FRAME ELEVATIONS - 1' - 0" = 1/4"



STORE FRONT ELEVATIONS

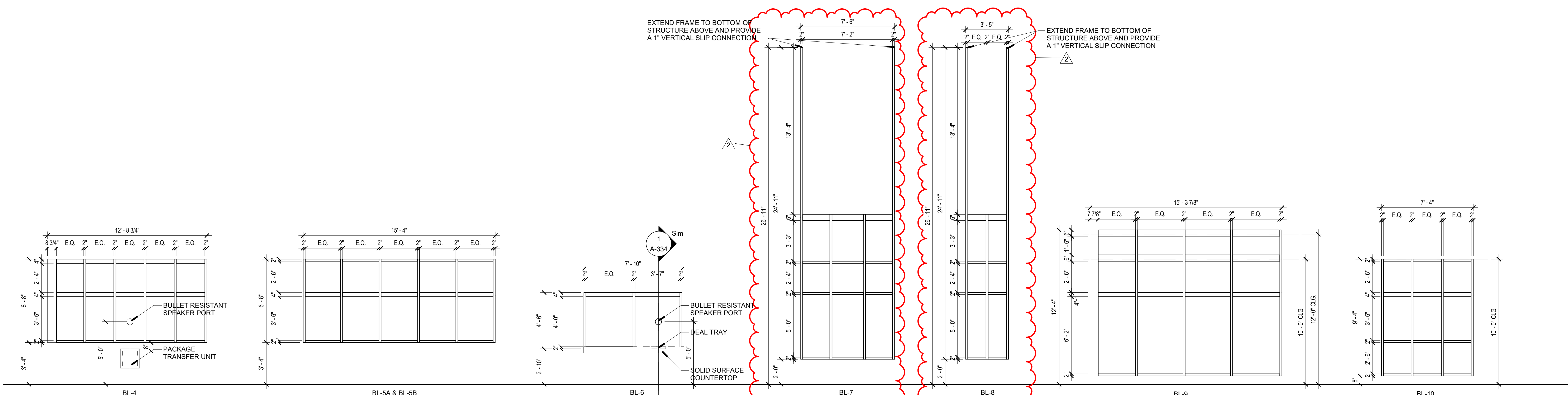


DETENTION WINDOW ELEVATIONS - 1' - 0" = 1/4"

BORROWED LITE ELEVATIONS

EXTEND FRAME TO BOTTOM OF STRUCTURE ABOVE AND PROVIDE A 1" VERTICAL SLIP CONNECTION

EXTEND FRAME TO BOTTOM OF STRUCTURE ABOVE AND PROVIDE A 1" VERTICAL SLIP CONNECTION



BORROWED LITE ELEVATIONS - 1' - 0" = 1/4"

GENERAL NOTES:

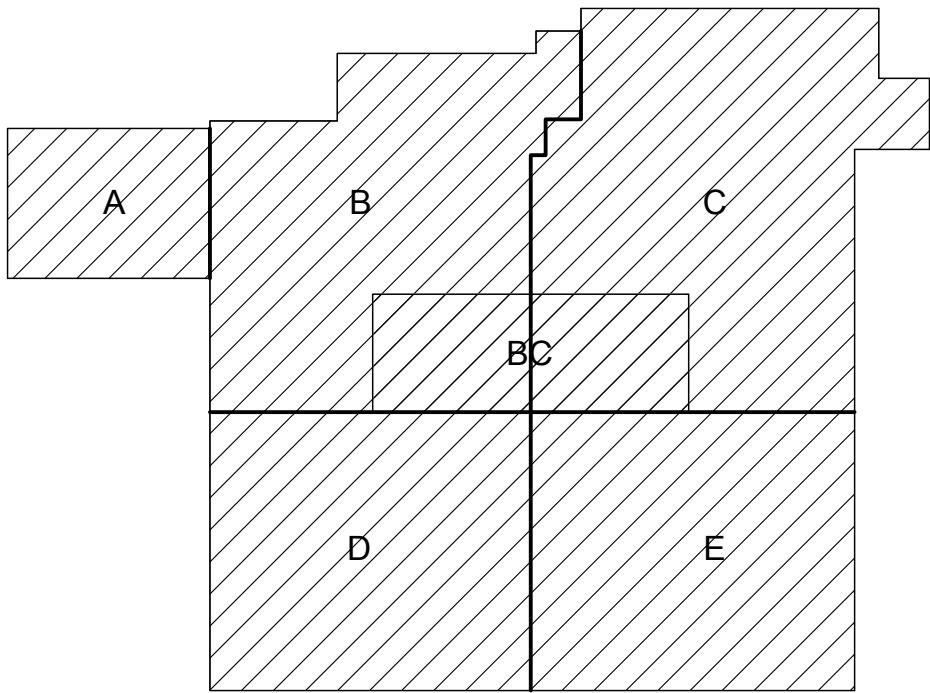
- REFER TO G-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
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- PROVIDE INCLUDING MALE/FEMALE/UNISEX AND ADA GRAPHICS WHERE APPLICABLE. FINAL ROOM NAMES, ROOM NUMBERS, AND LOCATIONS TO BE DETERMINED PRIOR TO FABRICATION. MOUNTING FOR PANEL SIGNS TO BE ON THE WALL ADJACENT TO THE DOOR.
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- OPENING WIDTH SCHEDULED FOR SLIDING DOORS IS CLEAR OPENING WIDTH NOT ACTUAL WIDTH OF DOOR LEAF. CLEAR OPENING WIDTH DOES NOT INCLUDE MECHANICAL RELEASE COLUMN AND RECEIVER.

DuctWork #1 Parts

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description	Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1645DWASY-3R-S	2600	-0.056	25.69	1862.11	1	Double Wall Duct - 16" Inner 45 Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.		DW22DWRISER-3R-S			10.01		1	Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
P2 Assembled w/ P3	DW16DWTEASY-3R-S	2600	-0.206	52.66	1862.11	1	Double Wall Duct - 16" Inner Tee Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.		DW22DWRISER-3R-S			10.01		1	Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
P3 Assembled w/ P2	DW16DWACCDOORCOV-3R-S			27.61		1	Double Wall Duct - 16" Inner Access Door & 22" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.		DW22DWRISER-3R-S			10.01		1	Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
P4	DW1620DWRNDADPEC3ASY-3R-S	2600	-0.035	27.37	1862.11	1	Double Wall Duct - 16" X 20" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 22" X 26" Stainless Steel Outer Shell.		DW22DWRISER-3R-S			10.01		1	Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
P5	DW2045DWASY-3R-S	2600	-0.1007	34.37	1191.75	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.		3M-2000PLUS			0.80		14	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
P6	DW20DWYTEASY-3R-S	5200	-0.3825	89.22	2383.5	1	Double Wall Duct - 20" Inner Y Tee Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.		DW16DWCLASY-3R-S			9.61		8	Duct - 16" Duct - 22" Double "V" Clamp - 3R Insulation & Single "V" Clamp Included - Reduced Clearance.
P7	DW2045DWASY-3R-S	2600	-0.0715	34.37	1191.75	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.		DW20DWCLASY-3R-S			11.34		10	Duct - 20" Duct - 26" Double "V" Clamp - 3R Insulation & Single "V" Clamp Included - Reduced Clearance.
P8	DW2047DWAJD-3R-S	2600	-0.003	133.40	1191.75	1	Double Wall Adjustable Duct - 20" Inner Duct, 47" long - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.		DW24DWCLASY-3R-S			13.06		5	Duct - 24" Duct - 30" Double "V" Clamp - 3R Insulation & Single "V" Clamp Included - Reduced Clearance.
P9	DW2630SADKIT			10.46		1	Duct - Horizontal Saddle Support Kit, Used With 26" OD - Includes Uni-Strut Cut To Length, DW2630SAD, & Hardware Bag 4.	Total Weight				2695.15			
P10	DW1620DWRNDADPEC3ASY-3R-S	2600	-0.035	27.37	1862.11	1	Double Wall Duct - 16" X 20" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 22" X 26" Stainless Steel Outer Shell.								
P11 Assembled w/ P13	DW16DWTEASY-3R-S	2600	-0.206	52.66	1862.11	1	Double Wall Duct - 16" Inner Tee Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P12	DW1645DWASY-3R-S	2600	-0.056	25.69	1862.11	1	Double Wall Duct - 16" Inner 45 Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P13 Assembled w/ P11	DW16DWACCDOORCOV-3R-S			27.61		1	Double Wall Duct - 16" Inner Access Door & 22" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P14	DW2045DWASY-3R-S	5200	-0.2525	34.37	2383.5	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.								
P15	DW2024DWRNDADPEC3ASY-3R-S	5200	-0.035	31.17	2383.5	1	Double Wall Duct - 20" X 24" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 26" X 30" Stainless Steel Outer Shell.								
P16	DW2427DWAJD-3R-S	5200	-0.002	88.36	1655.21	1	Double Wall Adjustable Duct - 24" Inner Duct, 27" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 24.5" / Adjustment = 13.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.								
System at P16		5200	-2.0327												
P17	DW1645DWASY-3R-S	2600	-0.056	25.69	1862.11	1	Double Wall Duct - 16" Inner 45 Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P18 Assembled w/ P19	DW16DWTEASY-3R-S	2600	-0.206	52.66	1862.11	1	Double Wall Duct - 16" Inner Tee Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P19 Assembled w/ P18	DW16DWACCDOORCOV-3R-S			27.61		1	Double Wall Duct - 16" Inner Access Door & 22" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P20	DW1620DWRNDADPEC3ASY-3R-S	2600	-0.035	27.37	1862.11	1	Double Wall Duct - 16" X 20" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 22" X 26" Stainless Steel Outer Shell.								
P21	DW2047DWAJD-3R-S	2600	-0.003	133.40	1191.75	1	Double Wall Adjustable Duct - 20" Inner Duct, 47" long - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.								
P22	DW2630SADKIT			10.46		1	Duct - Horizontal Saddle Support Kit, Used With 26" OD - Includes Uni-Strut Cut To Length, DW2630SAD, & Hardware Bag 4.								
P23	DW2045DWASY-3R-S	2600	-0.0715	34.37	1191.75	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.								
P24	DW20DWYTEASY-3R-S	5200	-0.3825	89.22	2383.5	1	Double Wall Duct - 20" Inner Y Tee Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.								
P25	DW2045DWASY-3R-S	2600	-0.1007	34.37	1191.75	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.								
P26	DW1620DWRNDADPEC3ASY-3R-S	2600	-0.035	27.37	1862.11	1	Double Wall Duct - 16" X 20" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 22" X 26" Stainless Steel Outer Shell.								
P27 Assembled w/ P29	DW16DWTEASY-3R-S	2600	-0.206	52.66	1862.11	1	Double Wall Duct - 16" Inner Tee Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P28	DW1645DWASY-3R-S	2600	-0.056	25.69	1862.11	1	Double Wall Duct - 16" Inner 45 Duct - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P29 Assembled w/ P27	DW16DWACCDOORCOV-3R-S			27.61		1	Double Wall Duct - 16" Inner Access Door & 22" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 22" Stainless Steel Outer Shell.								
P30	DW2045DWASY-3R-S	5200	-0.2525	34.37	2383.5	1	Double Wall Duct - 20" Inner 45 Duct - 3 Layers Reduced Clearance - 26" Stainless Steel Outer Shell.								
P31	DW2024DWRNDADPEC3ASY-3R-S	5200	-0.035	31.17	2383.5	1	Double Wall Duct - 20" X 24" RND2RND Eccentric Adapter - 3 Layers Reduced Clearance - 26" X 30" Stainless Steel Outer Shell.								
P32	DW2427DWAJD-3R-S	5200	-0.002	88.36	1655.21	1	Double Wall Adjustable Duct - 24" Inner Duct, 27" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 24.5" / Adjustment = 13.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.								
P33	DW24DWYTEASY-3R-S			109.65		1	Double Wall Duct - 24" Inner Y Tee Duct - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P34 Assembled w/ P35	DW24DWTEASY-3R-S			92.92		1	Double Wall Duct - 24" Inner Tee Duct - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P35 Assembled w/ P34	DW24DWACCDOORCOV-3R-S			47.92		1	Double Wall Duct - 24" Inner Access Door & 30" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P36	DW2435DWLT-3R-S	0		81.60	0	1	Double Wall Duct - 24" Inner Duct, 35" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P37	DW2447DWAJD-3R-S	0		154.99	0	1	Double Wall Adjustable Duct - 24" Inner Duct, 47" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.								
P38	DW2490DWASY-3R-S			79.06		1	Double Wall Duct - 24" Inner 90 Duct - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P39 Assembled w/ P42	DW24DWTEASY-3R-S			92.92		1	Double Wall Duct - 24" Inner Tee Duct - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P40	DW2435DWLT-3R-S	0		81.60	0	1	Double Wall Duct - 24" Inner Duct, 35" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								
P41	DW2447DWAJD-3R-S	0		154.99	0	1	Double Wall Adjustable Duct - 24" Inner Duct, 47" long - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.								
P42 Assembled w/ P39	DW24DWACCDOORCOV-3R-S			47.92		1	Double Wall Duct - 24" Inner Access Door & 30" Access Door Cover With Clamps - 3 Layers Reduced Clearance - 30" Stainless Steel Outer Shell.								

NOTE:
ELEMENTS ON THIS DRAWING ARE IDENTIFIED BY VARIOUS COLORS; IF THIS NOTE IS NOT RED, THIS DRAWING IS NOT IN COLOR AND NEEDS TO BE REPRINTED IN COLOR.

KEY PLAN



VIGO COUNTY SECURITY CENTER

TERRE HAUTE, INDIANA

FOODSERVICE DUCTWORK SCHEDULE

DRAWING NUMBER

FS112

SITE DEVELOPMENT

DRAWN: ELM

DESIGNED:

APPROVED:

DATE: SEPTEMBER 19, 2019

PROJECT NUMBER

1663-1190-90

A NEW

REVISION

DATE

NO.

CHKD:

DATE: SEPTEMBER 19, 2019

PROJECT NUMBER

1663-1190-90

DRAWING NUMBER

FS112

SITE DEVELOPMENT

THIS RECORD DRAWING IS BASED ON THE DESIGN OF RECORD AND THE INFORMATION PROVIDED BY THE CONTRACTOR TO THE ARCHITECT. THE ARCHITECT'S RESPONSIBILITY IS NOT TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT. THE ARCHITECT'S RESPONSIBILITY IS NOT TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT. THE ARCHITECT'S RESPONSIBILITY IS NOT TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT.



- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

DUCT DIAMETER	HORIZONTAL WALL SUPPORT (ft)	VERTICAL WALL SUPPORT (ft)	VERTICAL CURB SUPPORT (ft)
8"	10'	10'	24'
10"	10'	10'	24'
12"	10'	10'	24'
14"	10'	10'	24'
16"	10'	10'	24'
18"	10'	10'	24'
20"	10'	10'	24'
22"	10'	10'	24'
24"	10'	10'	24'

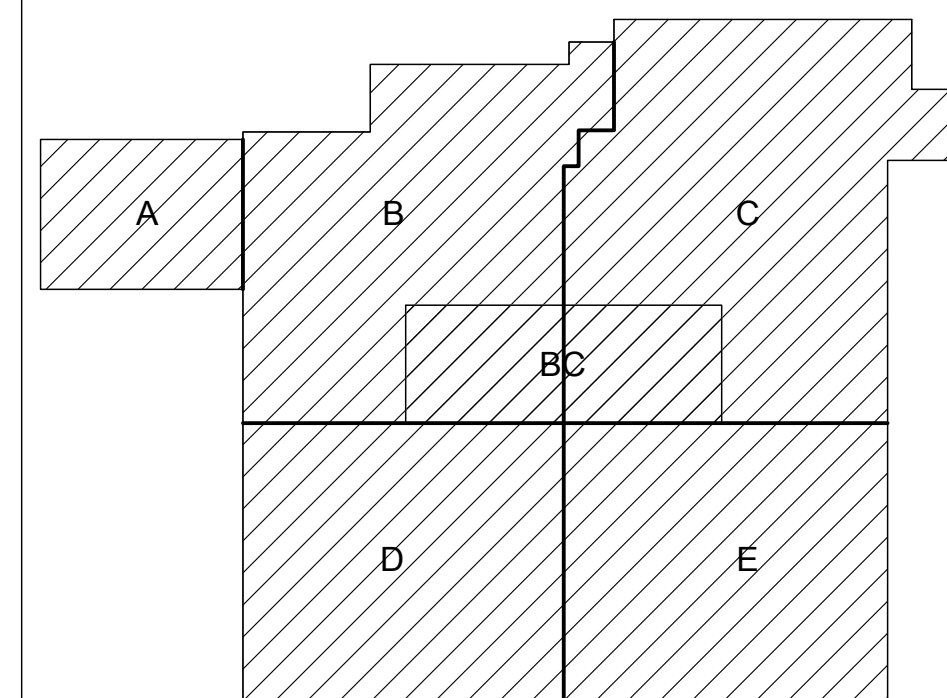
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (ft)
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'

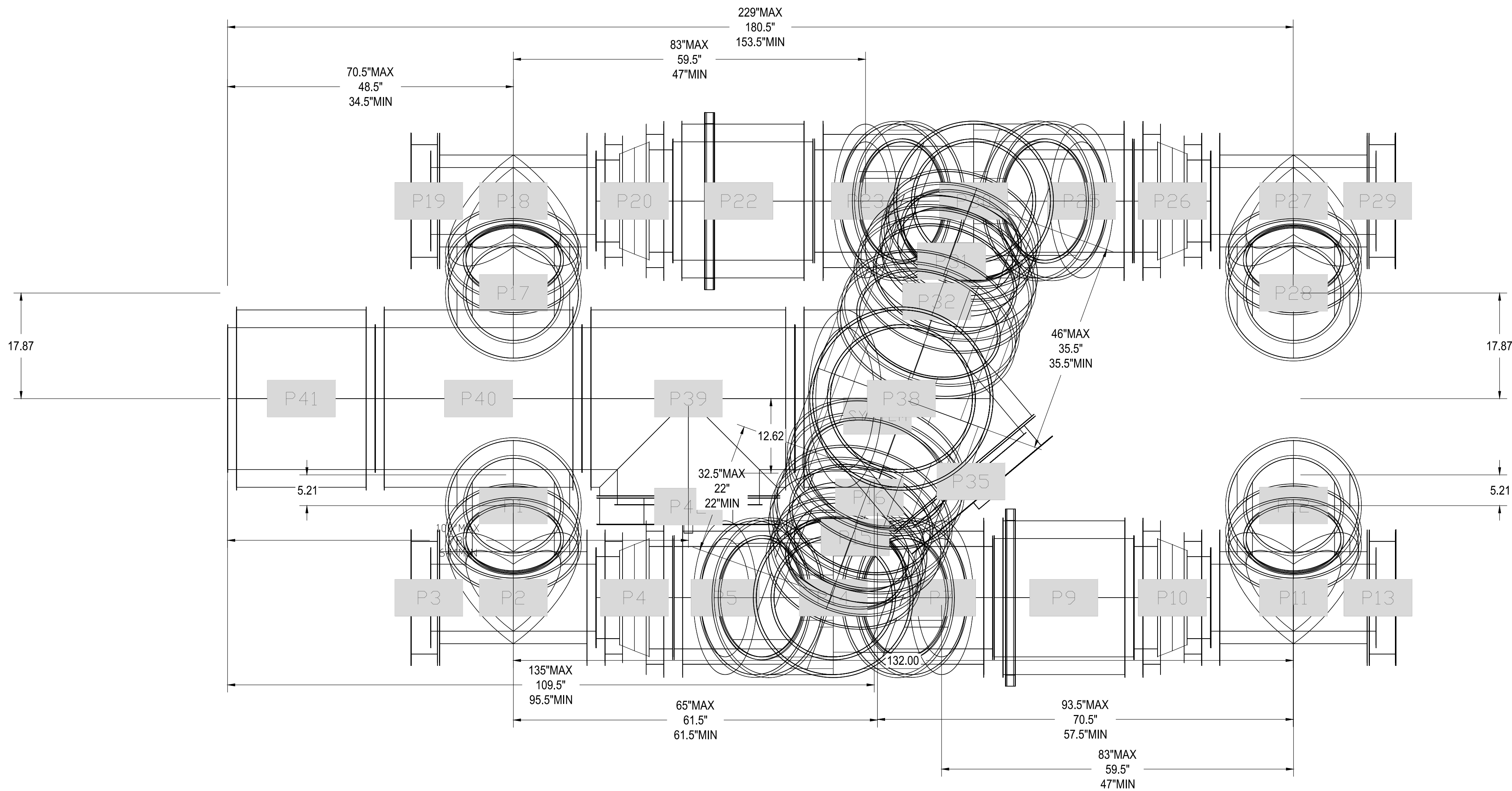
VERTICAL			
TYPE	WALL SUPPORT (ft)	CURB SUPPORT (ft)	FLOOR SUPPORT (ft)
2R & 2R HT	20'	24'	24'
3R	10'	24'	24'
3Z	10'	24'	24'

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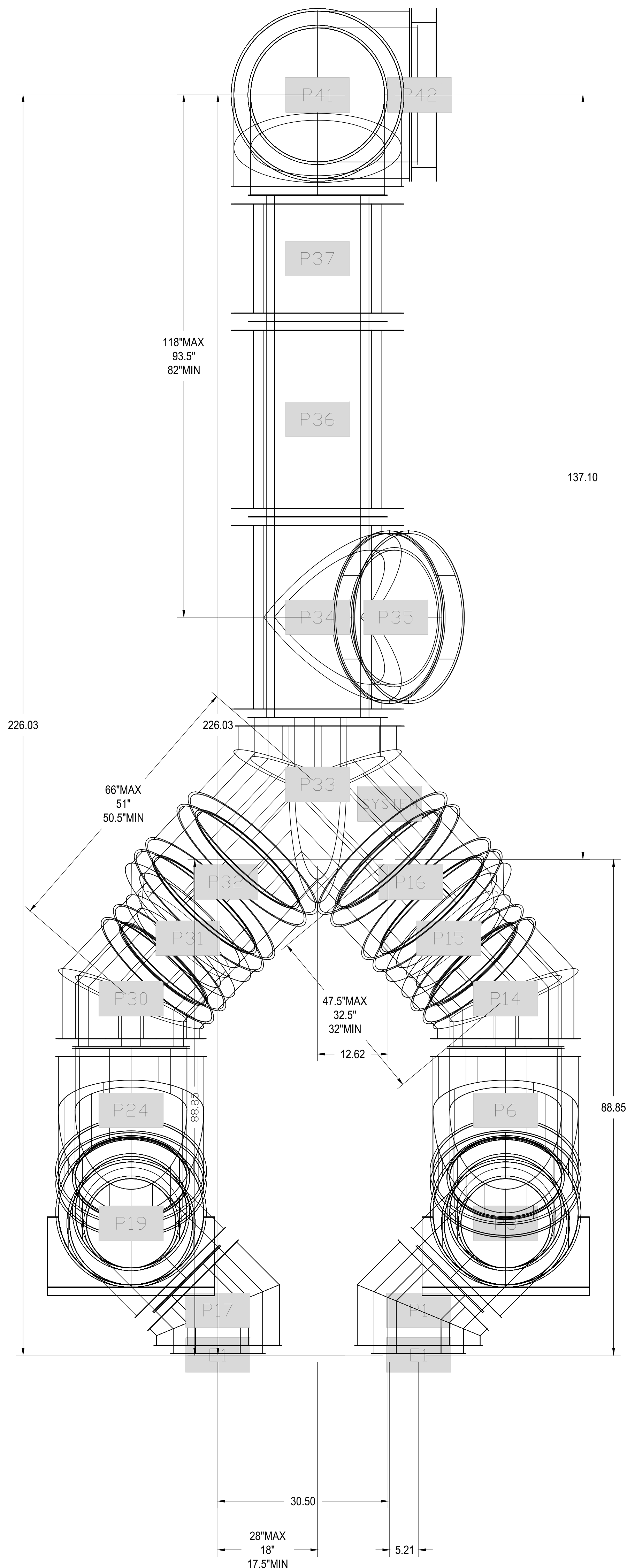
KEY PLAN



DuctWork #1 Top View



DuctWork #1 Side View



Double Wall Grease Duct Specification

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R, 3R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association "NFPA 96"; Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 24". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at ¾" or zero inch clearance, according to classifications.

Classifications and Clearances

UL 2221: Standard for Fire Resistive Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

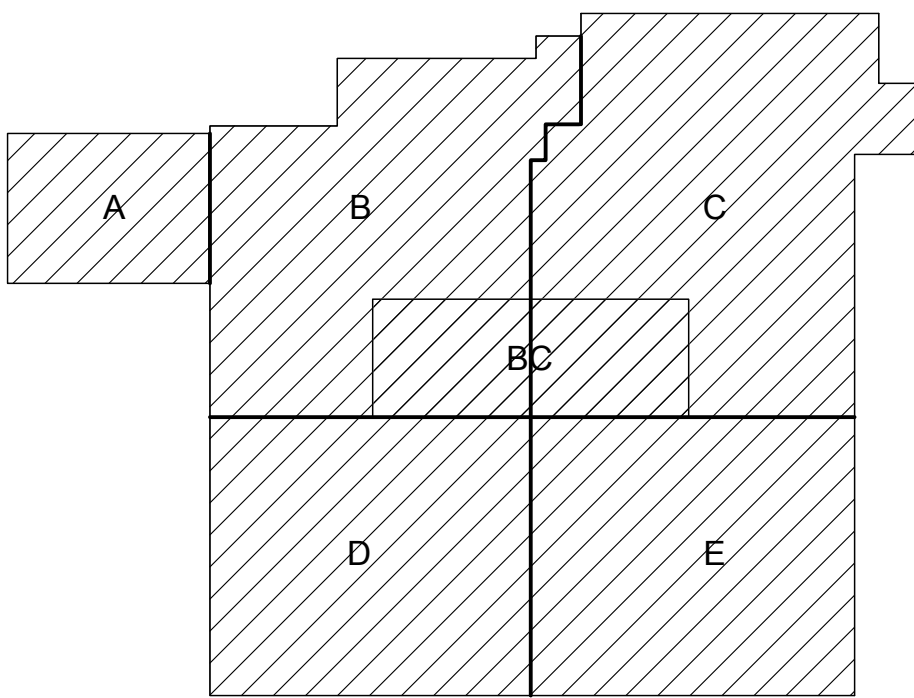
Model DW-3Z is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a minimum zero clearance to combustibles (sizes 8" to 24" diameter). Model 3Z is listed in accordance with the requirements for duct enclosure Condition A and B.

Model DW-3R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 24" diameter). Model 3R is listed in accordance with the requirements for duct enclosure Condition B.

Model DW-2R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for duct enclosure Condition B.

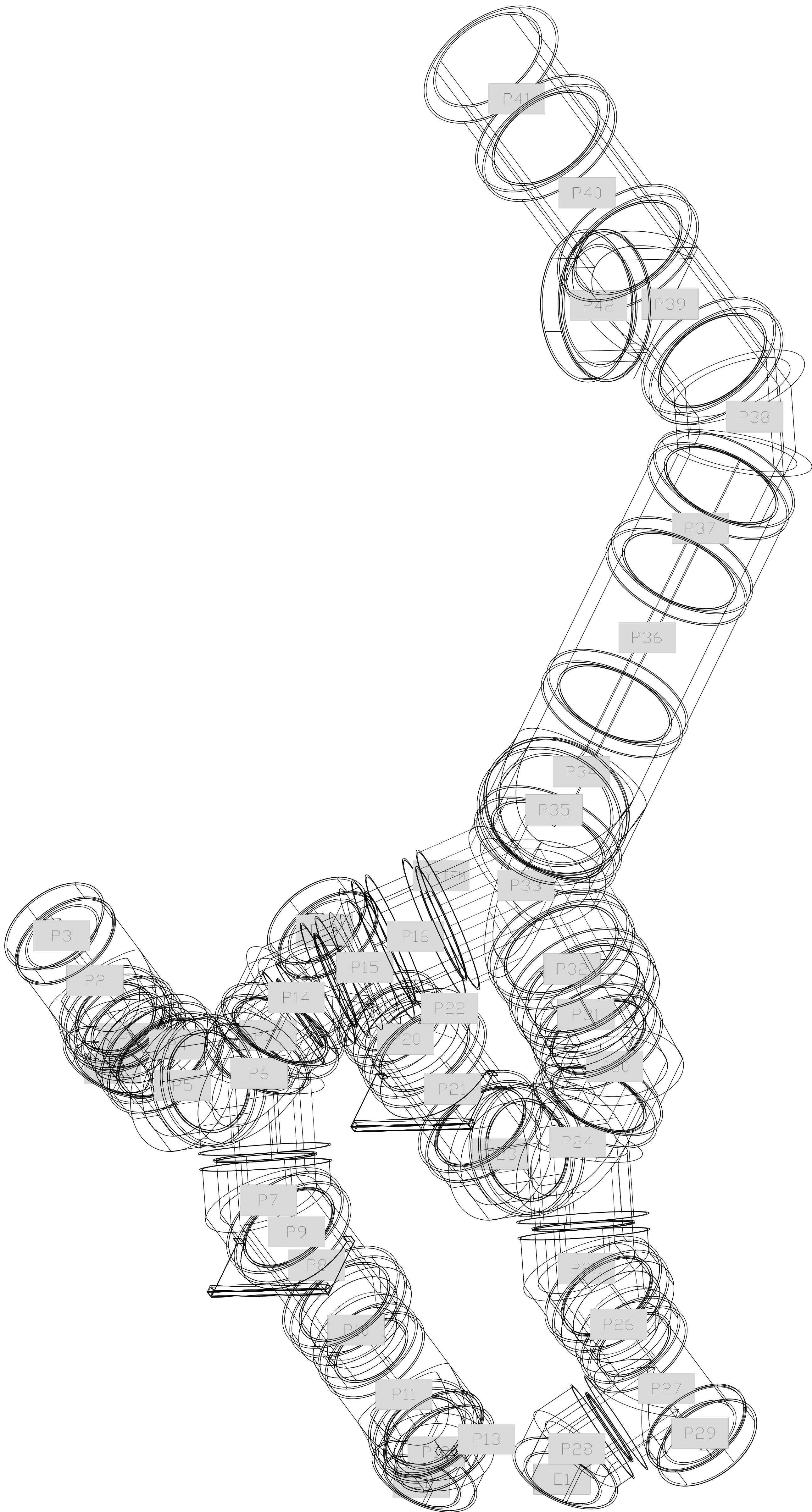
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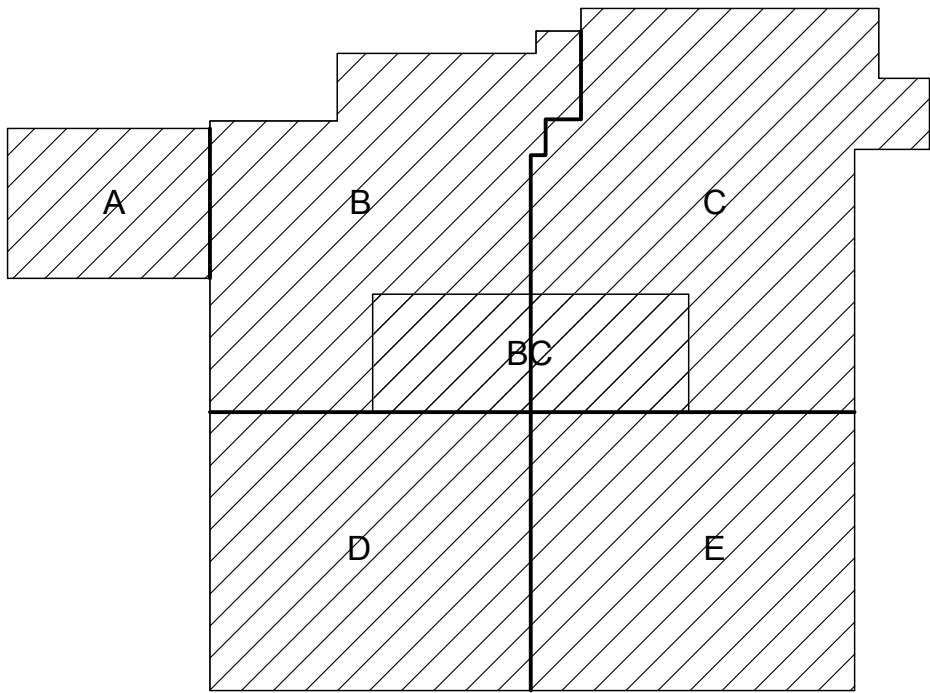
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DESIGNED:	APPROV'D:
DATE: SEPTEMBER 19, 2019	PROJECT NUMBER
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DuctWork #1 SE View

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KEY PLAN



DRAWING NUMBER

FS115

SITE DEVELOPMENT

A NEW

VIGO COUNTY SECURITY CENTER

TERRE HAUTE, INDIANA

FOODSERVICE DUCTWORK

DRAWN: ELM

DESIGNED:

APPROVED:

DATE: SEPTEMBER 19, 2019

PROJECT NUMBER

1663-1190-90

NO.	REVISION	DATE

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DLZ INDIANA, LLC

SPECIFICATIONS

Indoor "custom" L-shape
Vinyl NSF gasket (1/16" joint thickness), Cam-lock layout SN1

SPECIAL INSTRUCTIONS
Standard crating

WALL PANELS

Construction: 4" urethane
Exterior Finish: 20 ga. stainless steel 304 #4 / Stucco galvalume / Stucco white galvalume
Interior Finish: Stucco white galvalume
Ceiling connections: Camlock
Floor connections: Camlock

CEILING PANELS

Construction: 4" high density urethane
Exterior Finish: Metal
Interior Finish: Stucco white galvalume
Ceiling Caps: Factory mounted
Live Load: 10 psf

FLOOR PANELS

Model: Hand-Truck Floor panels model #HTFN (NSF)
Construction: 3 1/2" high density urethane
w/ .100 aluminum diamond tread @ interior
over 1/2" plywood
w/ Metal @ exterior

DOORS

[A]: 36" x 79" flush model G3 self-closing freezer door
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Frame: 4" high density urethane, 3-sided
w/ Stucco white galvalume both sides
w/ 24 ga. stainless steel 430 (magnetic) liners
w/ 4-sided heat cable in frame [FL-4-113W]
(25'-7" x 5 ohms/ft (128 total ohms) @ 4.5 watts/ft + Pepi - 120V, 1A)
Leaf: 4" thick, 3-side lap, standard height
w/ Stucco white galvalume both sides
w/ Magnetic gasket
(3) Component Hardware #W59 spring assisted adjustable hinge
(1) Kason #27C cylinder locking deadbolt handle
(1) Kason #27C twist-off knob inside release
(1) Kason #1094 hydraulic door closer
(1) Single pole toggle switch w/ pilot light @ ext.
(1) Analog 2" flush mount dial thermometer (12" capillary)
(1) Kason 1832 heated air vent (23W, 120V, .2A)
(1) Custom heated view window
(1) 12 ga. stainless steel threshold
36" high AFF .100 aluminum diamond tread kickplates (leaf, ext. & int.)

[B]: 36" x 79" flush model G3 self-closing freezer door
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Frame: 4" high density urethane, 3-sided
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ 24 ga. stainless steel 430 (magnetic) liners
w/ 4-sided heat cable in frame [FL-4-113W]
(25'-7" x 5 ohms/ft (128 total ohms) @ 4.5 watts/ft + Pepi - 120V, 1A)
Leaf: 4" thick, 3-side lap, standard height
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ Magnetic gasket
(3) Component Hardware #W59 spring assisted adjustable hinge
(1) Kason #27C cylinder locking deadbolt handle
(1) Kason #27C twist-off knob inside release
(1) Kason #1094 hydraulic door closer
(1) Single pole toggle switch w/ pilot light @ ext.
(1) Analog 2" flush mount dial thermometer (12" capillary)
(1) Kason 1832 heated air vent (23W, 120V, .2A)
(1) Custom heated view window
(1) 12 ga. stainless steel threshold
36" high AFF .100 aluminum diamond tread kickplates (leaf, ext. & int.)

[C]: 36" x 79" flush model G3 self-closing cooler door
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Frame: 4" high density urethane, 3-sided
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ 24 ga. stainless steel 430 (magnetic) liners
Leaf: 4" thick, 3-side lap, standard height
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ Magnetic gasket
(3) Component Hardware #W59 spring assisted adjustable hinge
(1) Kason #27C cylinder locking deadbolt handle
(1) Kason #27C twist-off knob inside release
(1) Kason #1094 hydraulic door closer
(1) Single pole toggle switch w/ pilot light @ ext.
(1) Analog 2" flush mount dial thermometer (12" capillary)
(1) Custom heated view window
(1) 12 ga. stainless steel threshold
36" high AFF .100 aluminum diamond tread kickplates (leaf, ext. & int.)

[D]: 36" x 79" flush model G3 self-closing cooler door
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Frame: 4" high density urethane, 3-sided
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ 24 ga. stainless steel 430 (magnetic) liners
Leaf: 4" thick, 3-side lap, standard height
w/ 20 ga. stainless steel 304 #4 @ ext.
w/ Stucco white galvalume @ int.
w/ Magnetic gasket
(3) Component Hardware #W59 spring assisted adjustable hinge
(1) Kason #27C cylinder locking deadbolt handle
(1) Kason #27C twist-off knob inside release
(1) Kason #1094 hydraulic door closer
(1) Single pole toggle switch w/ pilot light @ ext.
(1) Analog 2" flush mount dial thermometer (12" capillary)
(1) Custom heated view window
(1) 12 ga. stainless steel threshold
36" high AFF .100 aluminum diamond tread kickplates (leaf, ext. & int.)

PARTS

(7) ea. 4' LED light fixture w/ (2) LED lamps for cooler or freezer application (36W, 120V, 0.3A) - (Fixture ships loose for field installation.)
(1) ea. Kason #1809 vapor proof LED light fixture (29W, 120V, 0.25A) - (LED lamp built-in.)(for small freezer)
(2) ea. (2" x 4") x 96" x 20 ga. stainless steel 304 #4 inside corner vertical closure
(2) ea. (2" x 4") x 48" x 20 ga. stainless steel 304 #4 inside corner vertical closure
(1) set 20 ga. stainless steel 304 #4 ceiling closure w/ braces - Please Verify Closure Dimensions and Requirements
Estimated Cavity Size = 1' - 6" (18") high x 34' - 7" (415") long
(1) set Additional Tamper resistant fastener package

REFRIGERATION

(1) ea. Misc Freezer - Outdoor R404a split system w/ QRC
3394 BTU/H @ 9.9°F TD with 17.4 hr runtime @ -10°F inside/85°F outside room
95°F @ cond. unit, 498ft altitude
(1) Heatcraft R404a air cooled condensing unit #MOH011L63-LLA
w/ liquid line assy
208-230V/3ø/60Hz/1HP Hermetic compressor
MCA=20, MOPD =20
23.75W x 28.25D x 17.25H x 166lbs.
(1) Climate Control R404a low profile evaporator model #LSF035BEK-QRC
w/ (1) EC motors (0.48A) & electric defrost (3.9A)
w/ mounted parts
208-230V/1ø/60Hz
29.5W x 14.84D x 14.94H x 24lbs.

(1) ea. Misc Cooler - Outdoor R404a split system w/ QRC
5621 BTU/H @ 11°F TD with 14.1 hr runtime @ 35°F inside/85°F outside room
95°F @ cond. unit, 498ft altitude
(1) Heatcraft R404a air cooled condensing unit #MOH005X62-LLA
w/ liquid line assy
208-230V/1ø/60Hz/0.5HP Hermetic compressor
MCA=15, MOPD =15
23.75W x 28.25D x 17.25H x 176lbs.
(1) Climate Control R404a low profile evaporator model #LSC052AEK-QRC
w/ (1) EC motors (0.91A) & air defrost
w/ mounted parts
115V/1ø/60Hz
29.5W x 14.84D x 14.94H x 31lbs.

(1) ea. Freezer 12x12 - Outdoor R404a split system w/ QRC
9785 BTU/H @ 11.1°F TD with 16.4 hr runtime @ -10°F inside/85°F outside room
95°F @ cond. unit, 498ft altitude
(1) Heatcraft R404a air cooled condensing unit #MOH031L63-LLA
w/ liquid line assy
208-230V/3ø/60Hz/3HP Hermetic compressor
MCA=30, MOPD =30
37.75W x 28.25D x 19.75H x 260lbs.
(1) Climate Control R404a low profile evaporator model #LSF090BEK-QRC
w/ (2) EC motors (0.96A) & electric defrost (7.8A)
w/ mounted parts
208-230V/1ø/60Hz
45.5W x 14.84D x 14.94H x 48lbs.

(1) ea. Large Cooler 12x22 - Outdoor R404a split system w/ QRC
13471 BTU/H @ 9.8°F TD with 13.9 hr runtime @ 35°F inside/85°F outside room
95°F @ cond. unit, 498ft altitude
(1) Heatcraft R404a air cooled condensing unit #MOH015X63-LLA
w/ liquid line assy
208-230V/3ø/60Hz/1.5HP Hermetic compressor
MCA=15, MOPD =15
37.75W x 28.25D x 17.25H x 230lbs.
(1) Climate Control R404a low profile evaporator model #LSC070AEK-QRC
w/ (2) EC motors (1.82A) & air defrost
w/ mounted parts
115V/1ø/60Hz
45.5W x 14.84D x 14.94H x 45lbs.
(1) Climate Control R404a low profile evaporator model #LSC070AEK-QRC
w/ (2) EC motors (1.82A) & air defrost
w/ mounted parts
115V/1ø/60Hz
45.5W x 14.84D x 14.94H x 45lbs.

NOTES

STANDARD NOTES

To prevent condensation, a minimum 2" from the walk-in exterior surface is required.
High humidity conditions may require force ventilation in addition to clearance.

Installation site floor must be true and level within 3/16" per 10' or additional costs may be incurred.

Imperial Brown's sliding and vertical lift doors shall not be considered means of egress. Check code egress requirements for your application.

RECESSED PIT

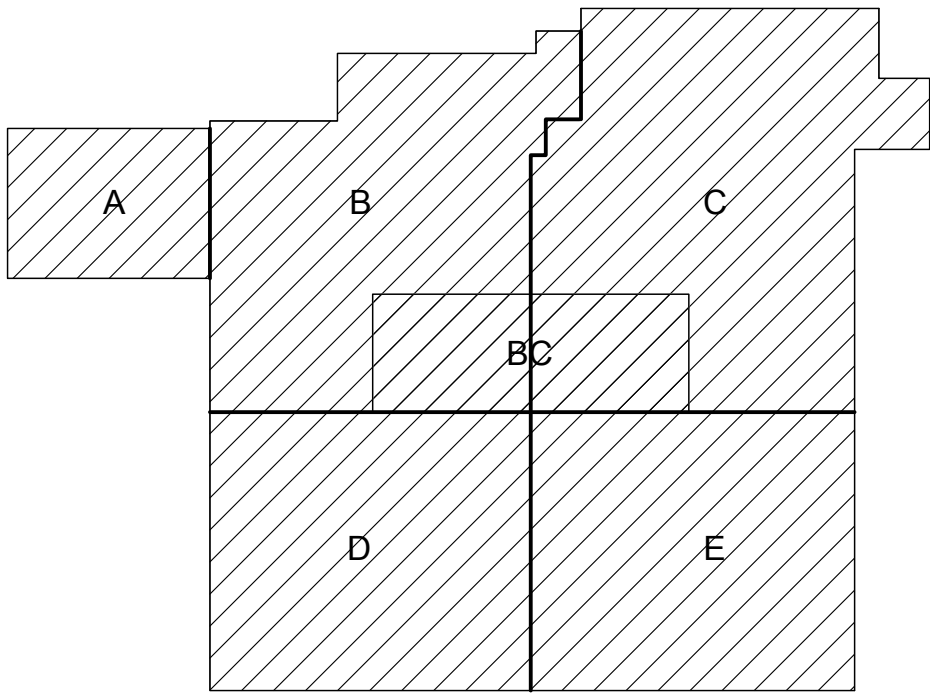
Recess plan is provided to set min. size to allow panel installation. Recess depth, concrete floor above and below insulation, design, reinforcement, thickness & construction of concrete should be designed by a Qualified Professional Engineer familiar with cold storage design, the site conditions and end users application. See project contract documents. All concrete and excavation work & design is by others.

ELECTRICAL

Field electrician to verify maximum acceptable load for light switches.If load is too high, then relay type controls should be used.
After wiring devices, ALL conduits must be sealed to stop moisture transfer through electrical raceways.
Failure to seal device per NEC codes WILL VOID WARRANTY.

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KEY PLAN



NSF LABEL

N.S.F. LISTED (STD #7)
N.S.F. GASKET @ ALL PANEL JOINTS



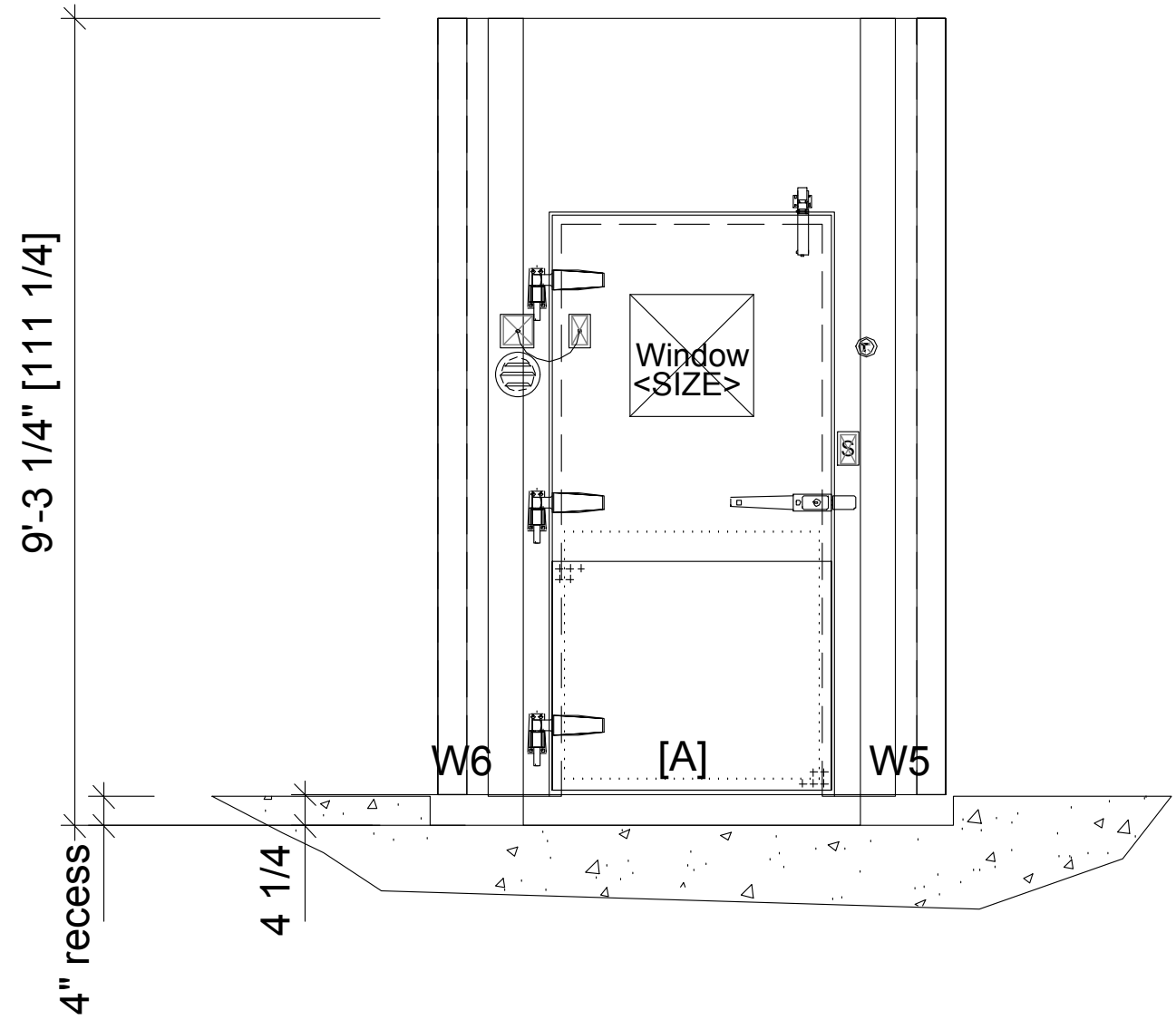
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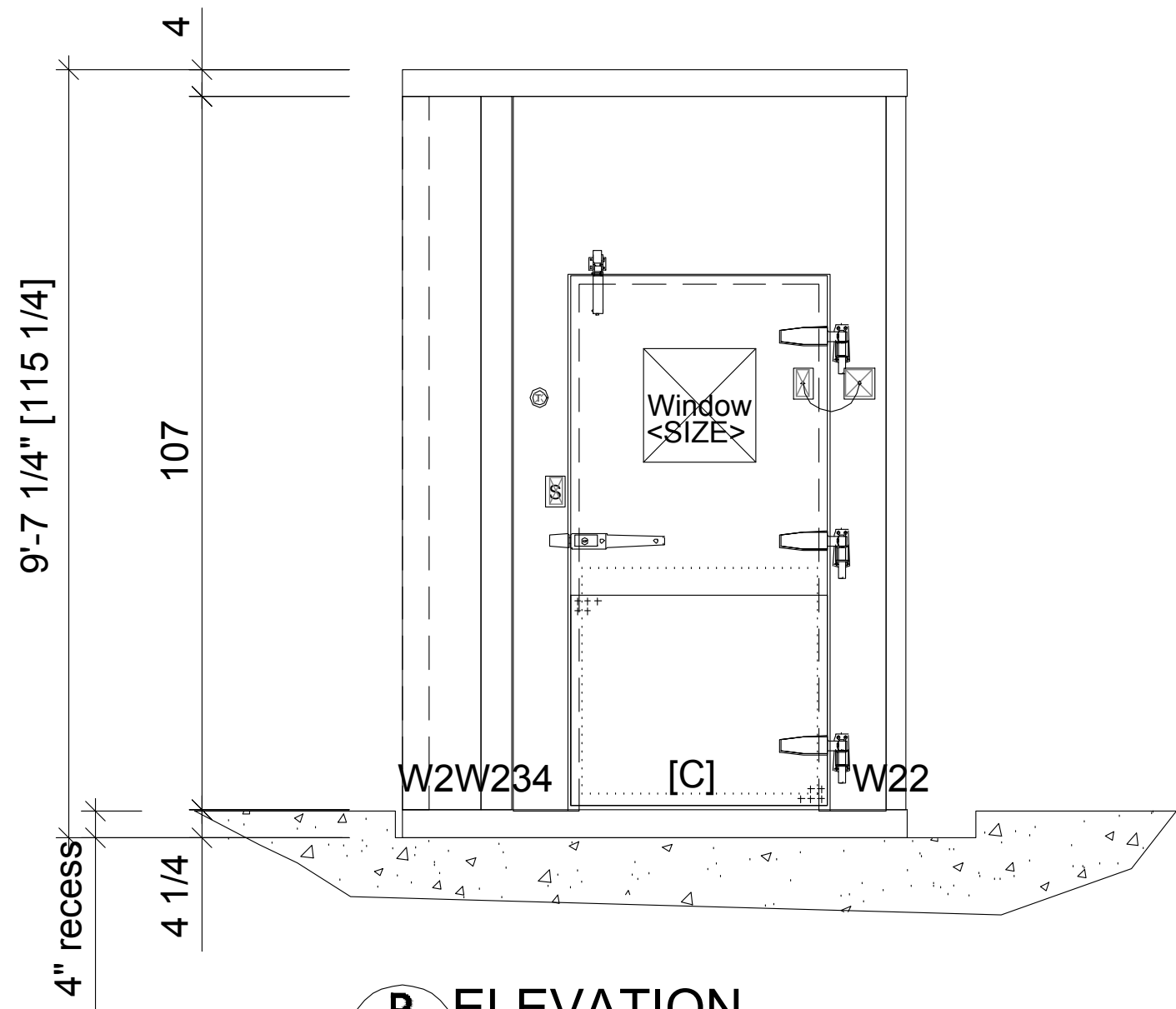
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APPROVED:
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PROJECT NUMBER
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VIGO COUNTY SECURITY CENTER
TERRE HAUTE, INDIANA
FOODSERVICE WALK-IN DRAWINGS

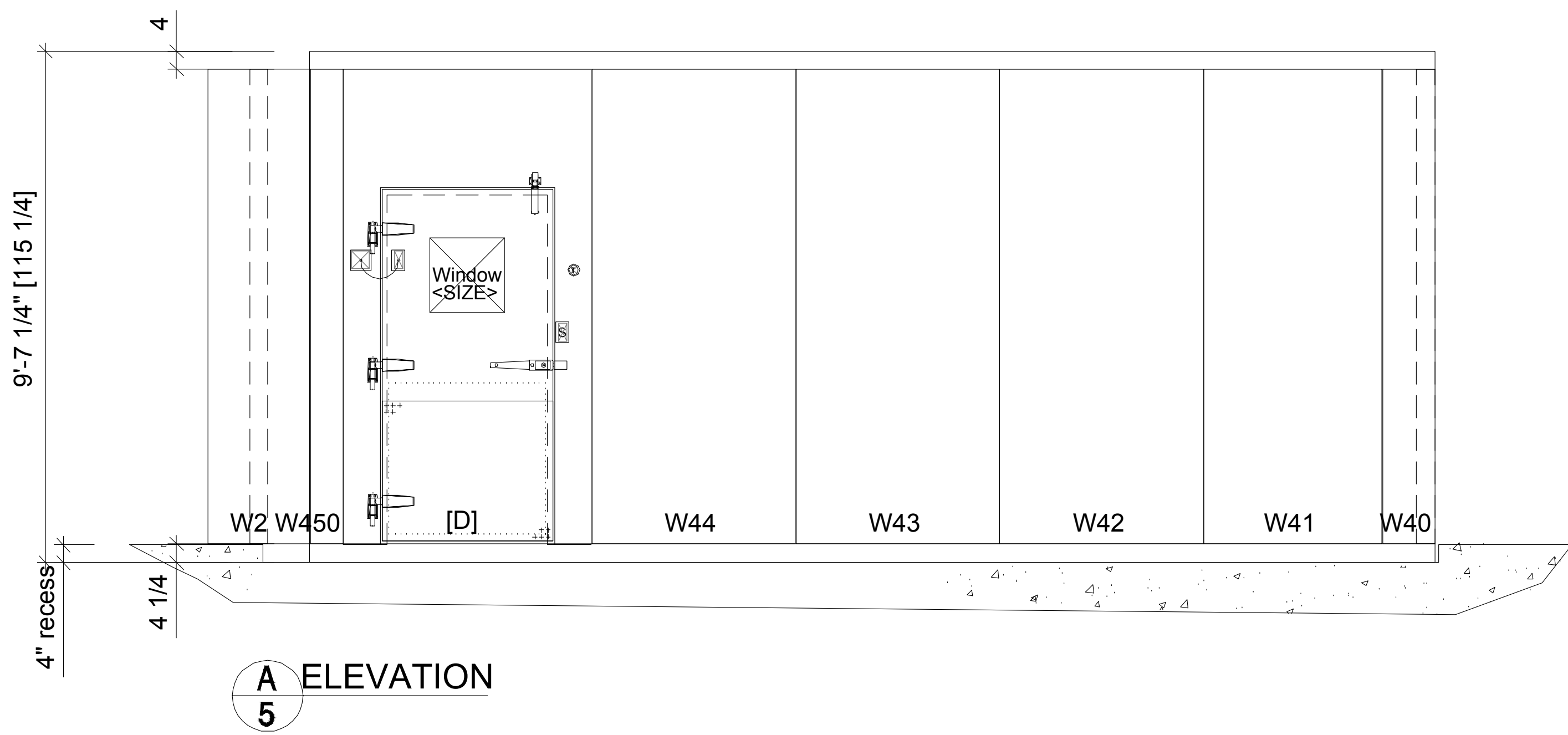
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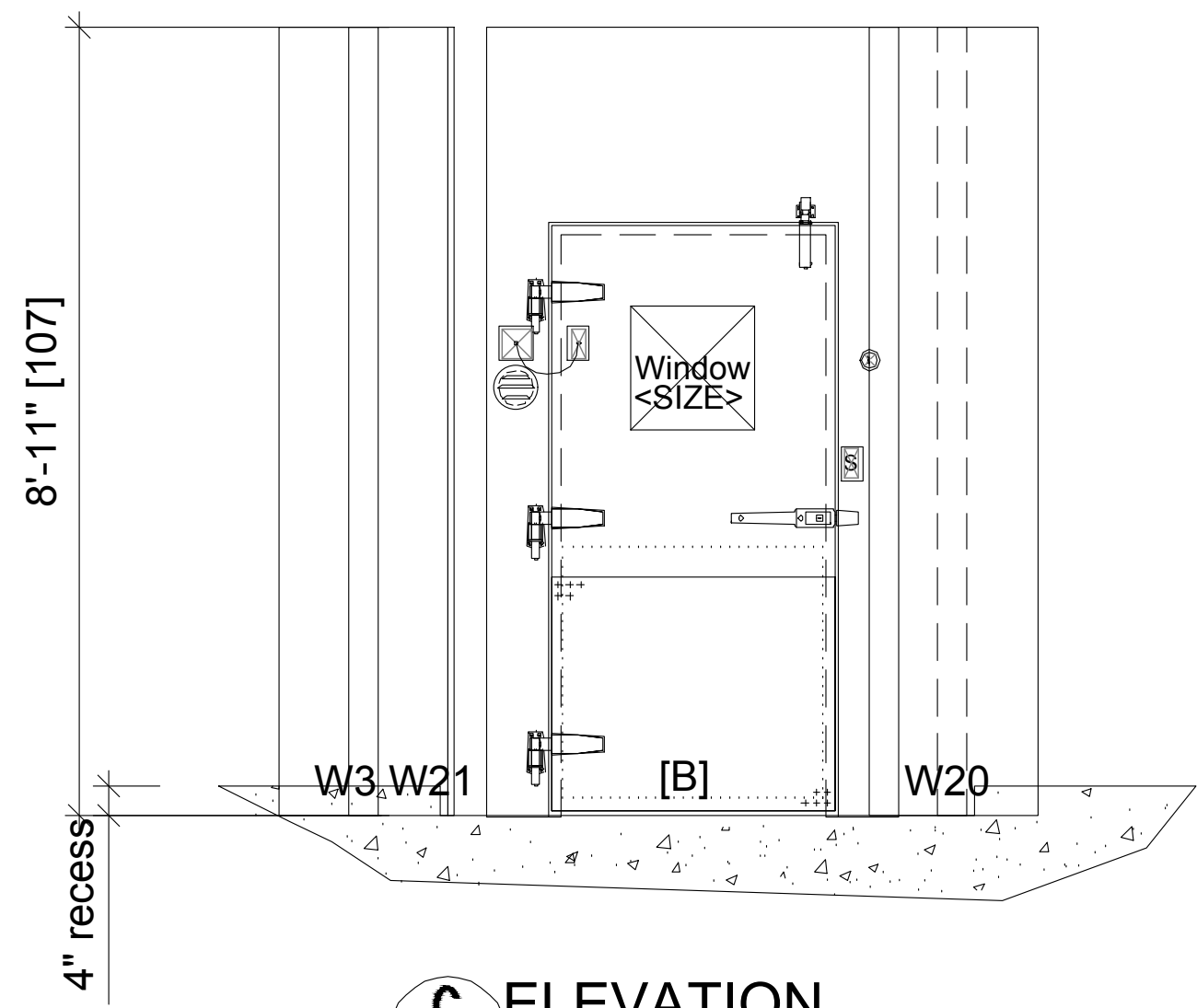
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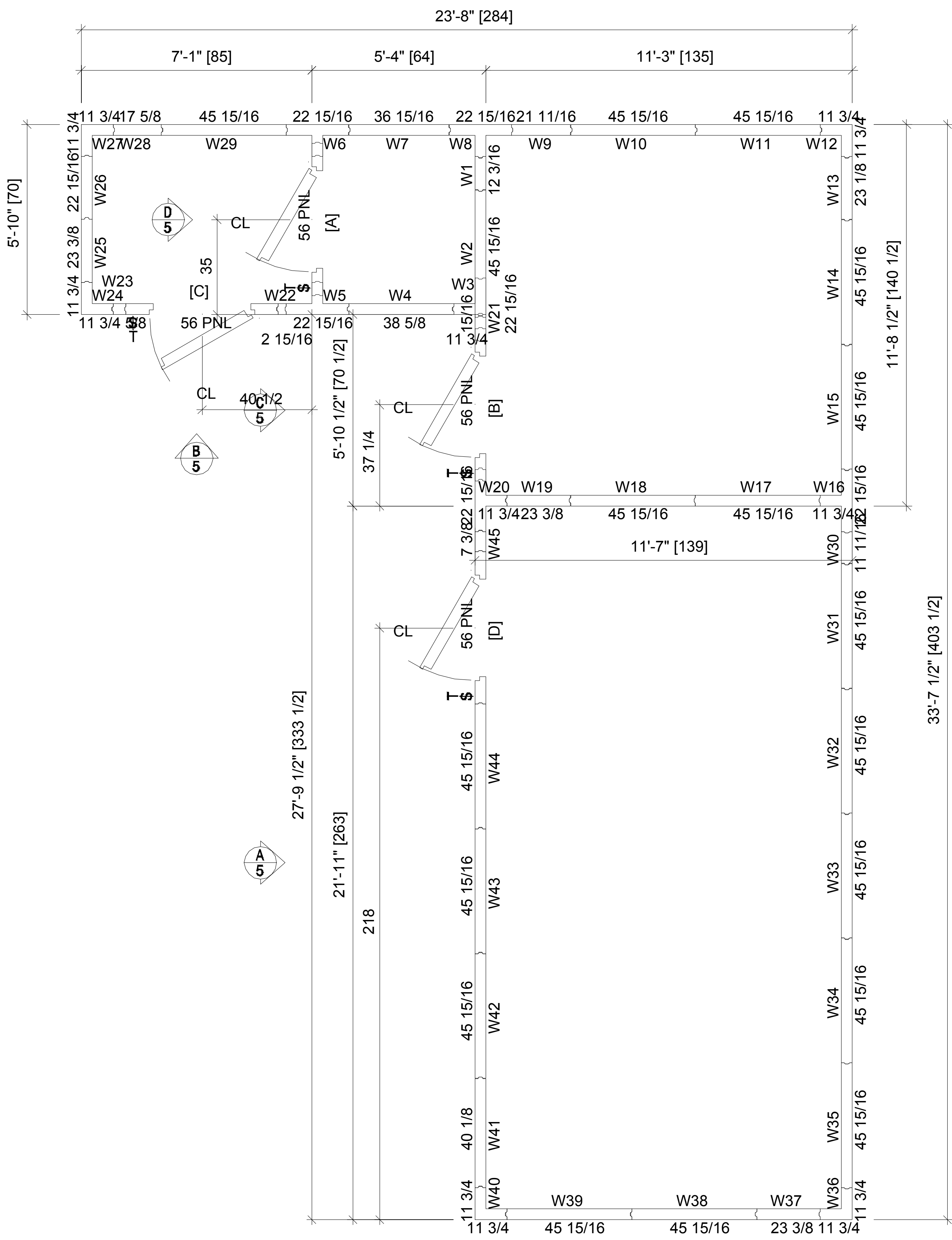
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C
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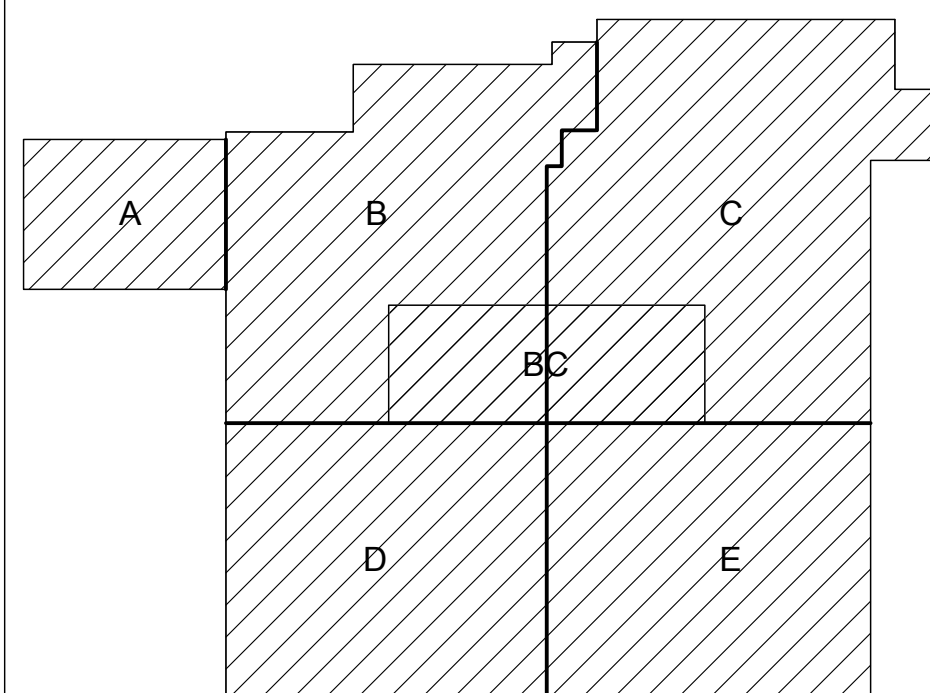
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WALL PANELS

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TERRE HAUTE, INDIANA

FOODSERVICE WALK-IN DRAWINGS

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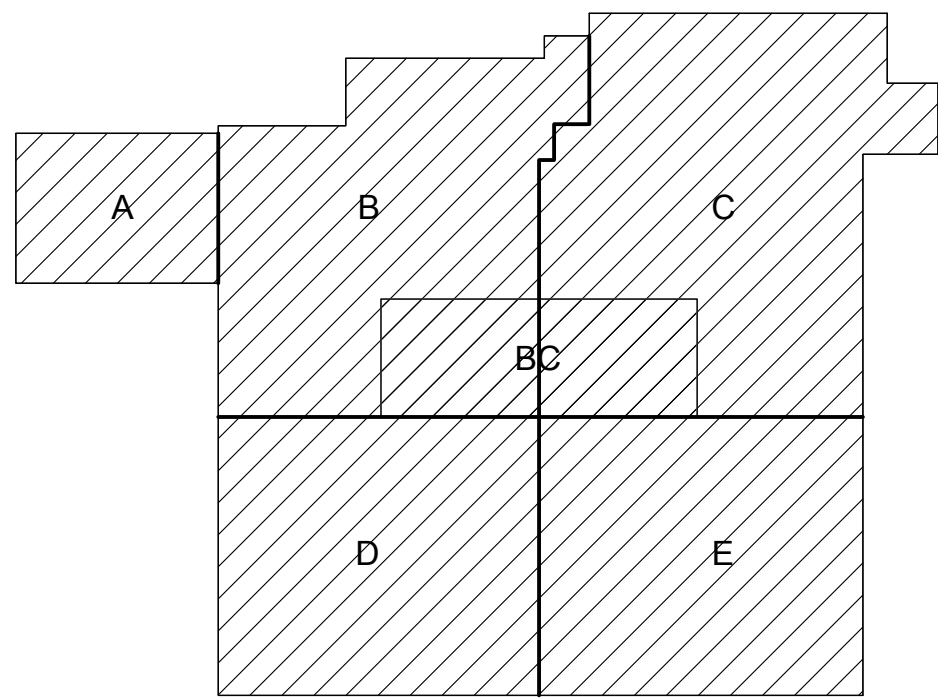
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SITE DEVELOPMENT

A NEW

VIGO COUNTY SECURITY CENTER

TERRE HAUTE, INDIANA

FOODSERVICE WALK-IN DRAWINGS

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APPROVED:

DATE: SEPTEMBER 06, 2019

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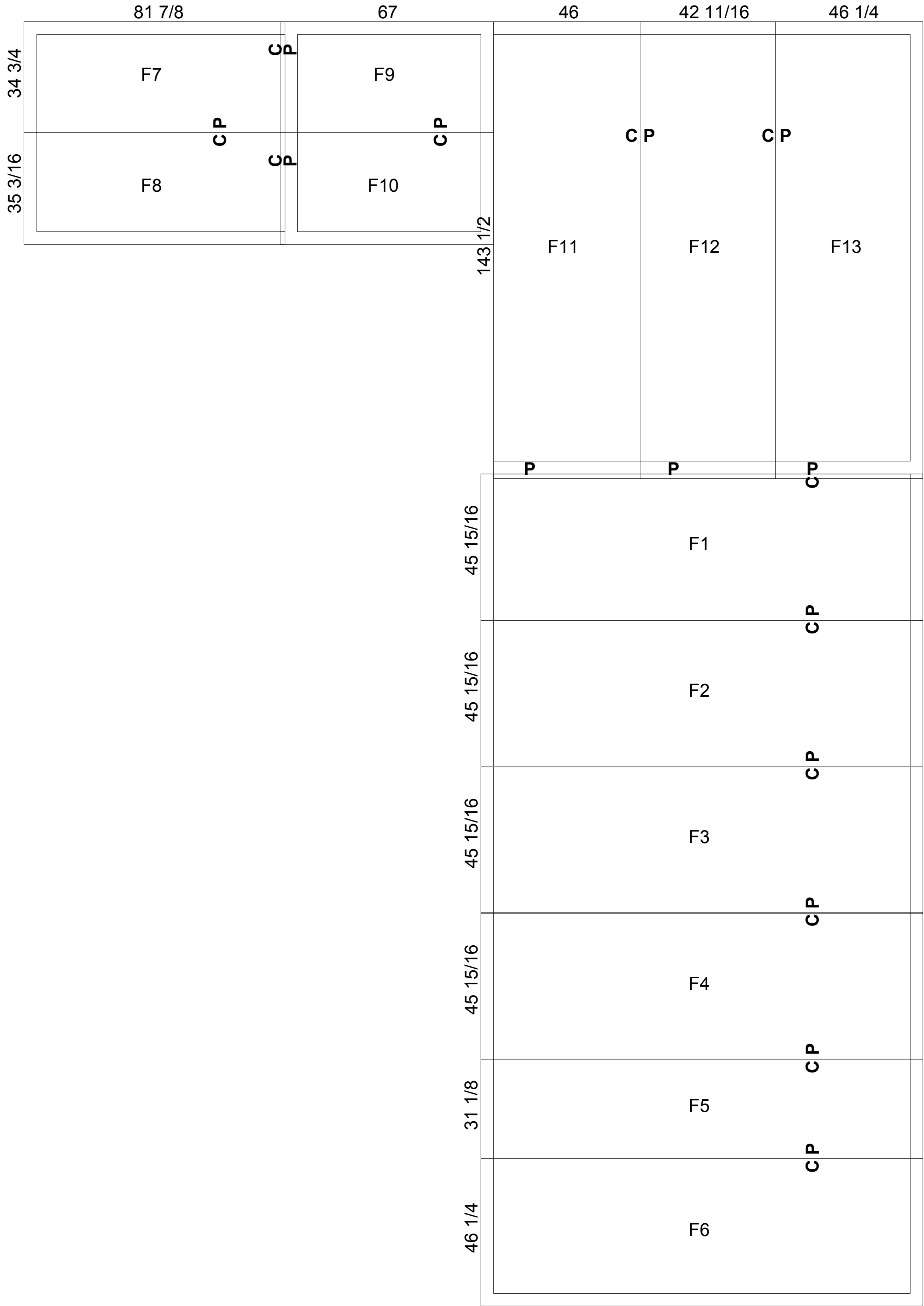
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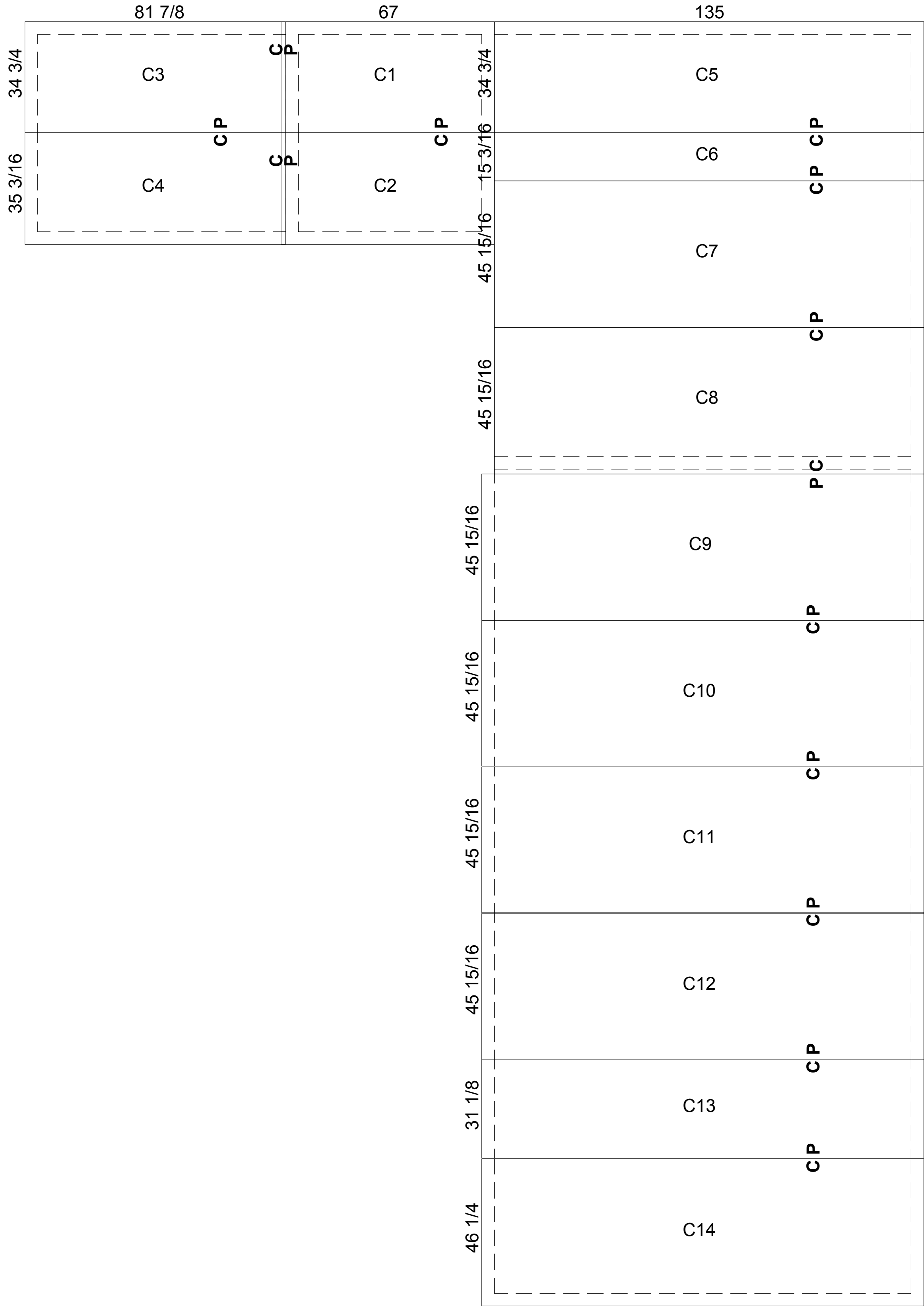
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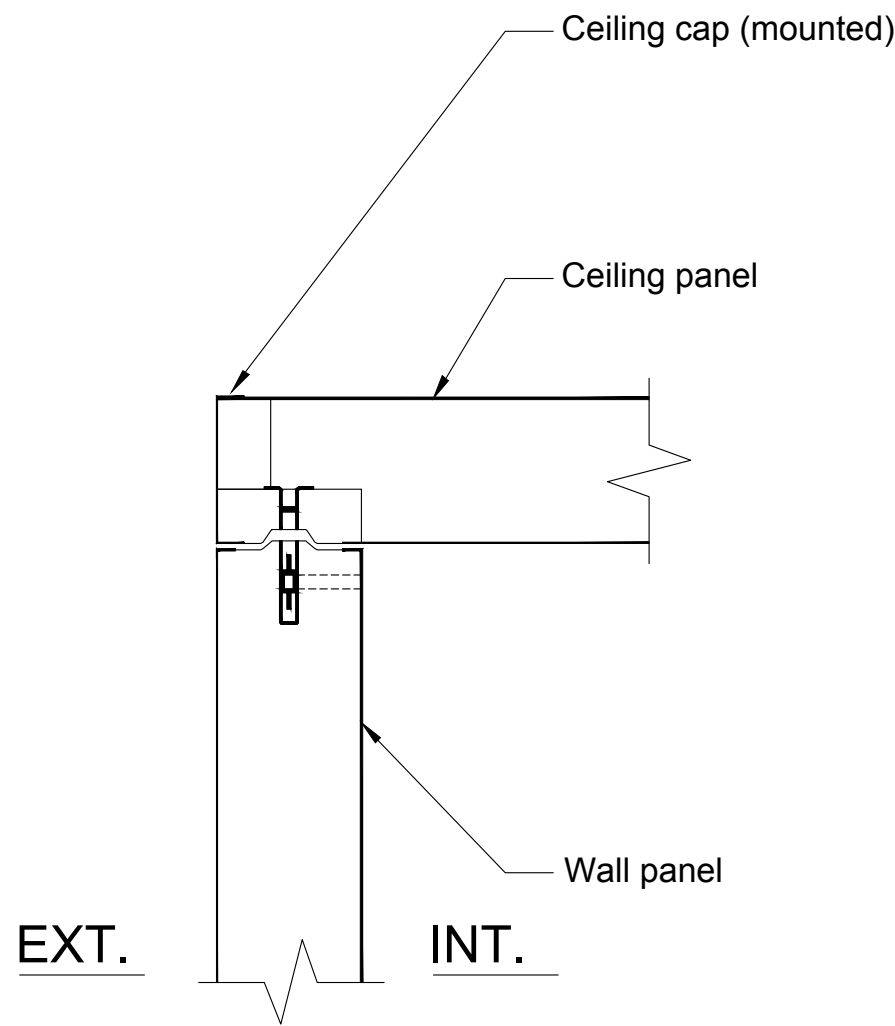
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DLZ INDIANA, LLC



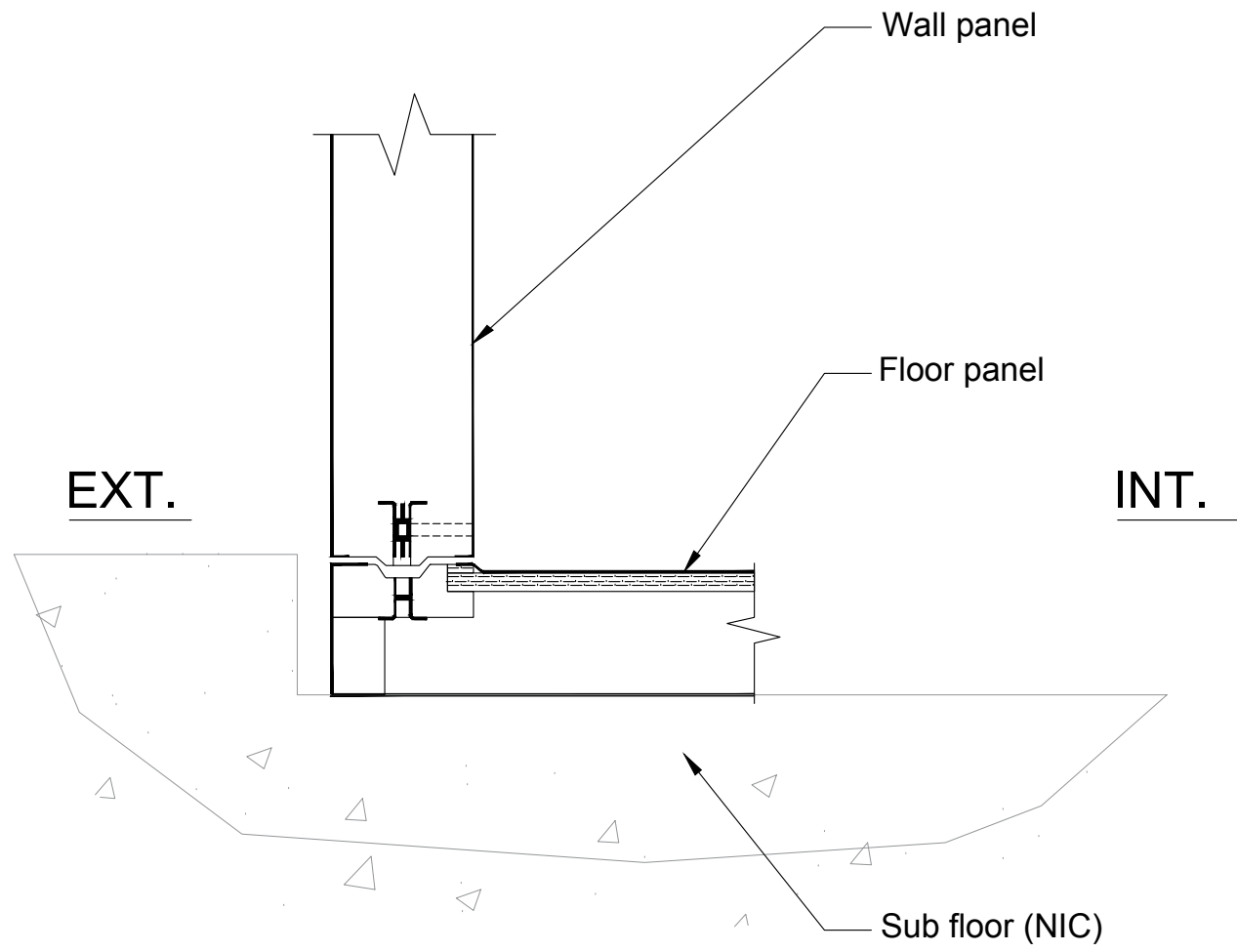
FLOOR PANELS



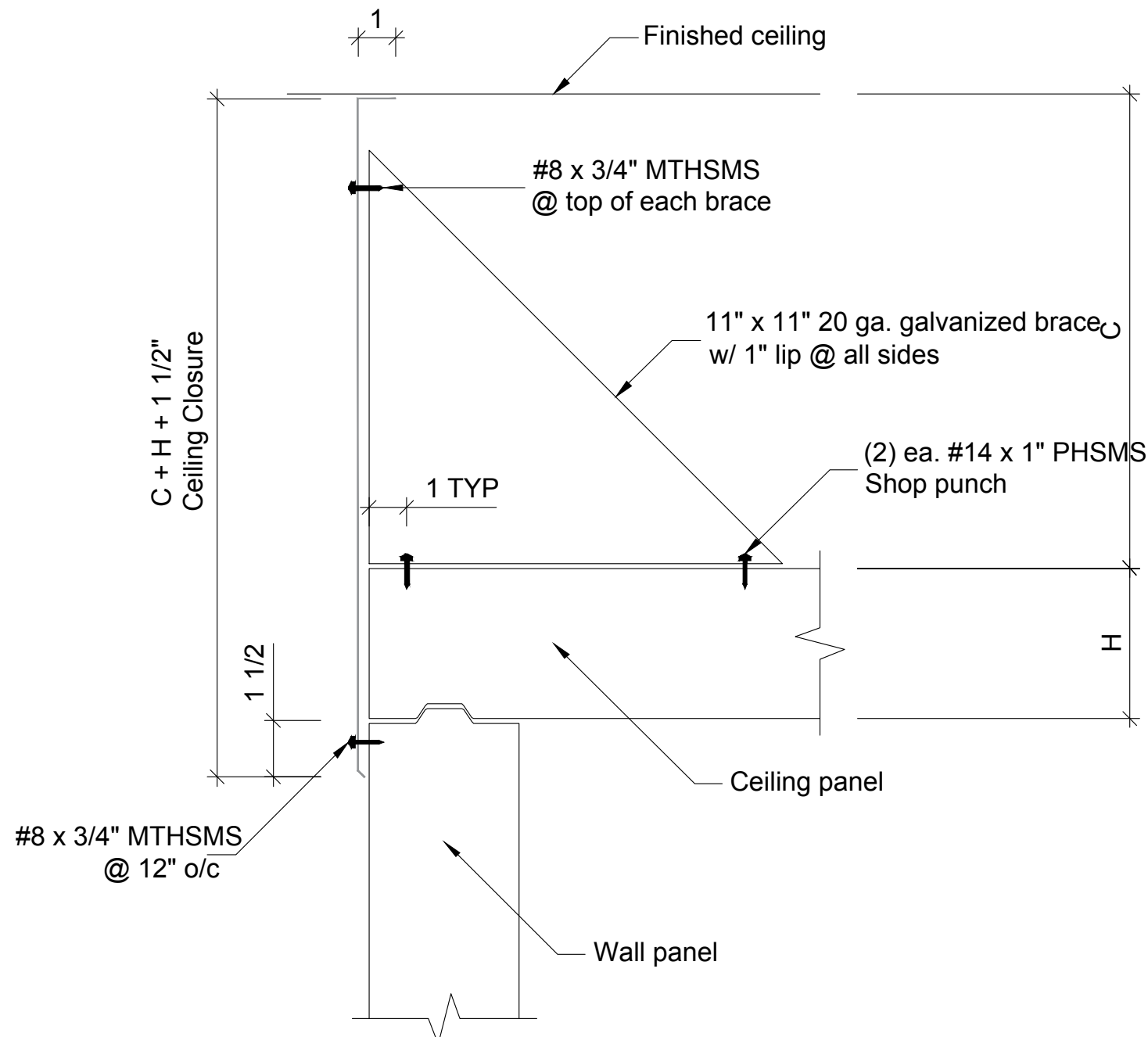
CEILING PANELS



1 CEILING CONNECTION
FS115



2 FLOOR CONNECTION
FS115

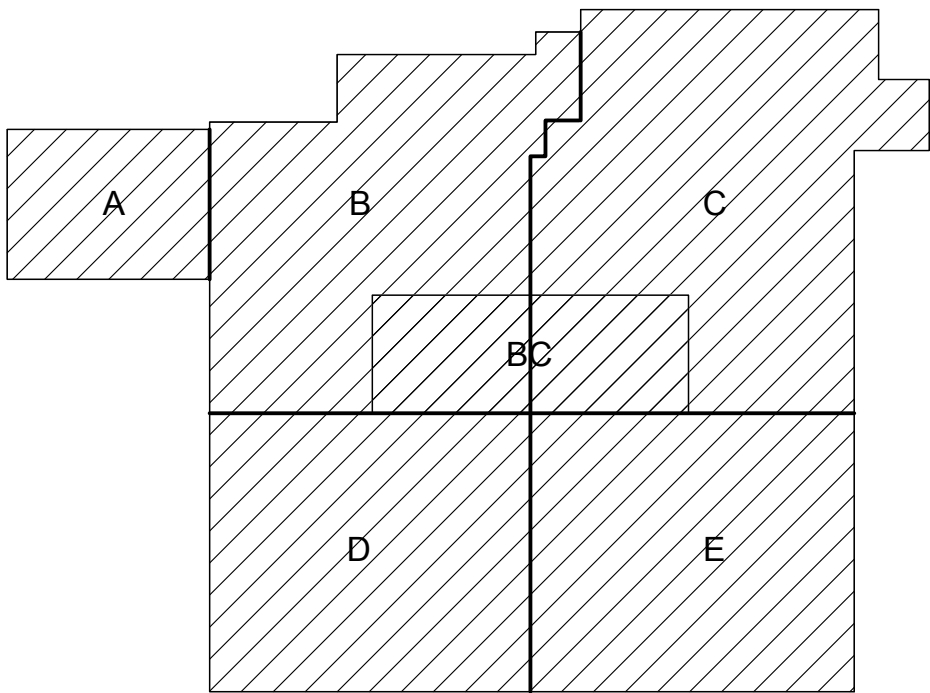


CAUTION: If ceiling height is not provided closures will be back order and shipped later additional freight charges will be charged

3 CEILING CLOSURE, STANDARD W/ BRACES
FS115

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KEY PLAN



VIGO COUNTY SECURITY CENTER

FOODSERVICE WALK-IN DRAWINGS

DRAWING NUMBER
FS119

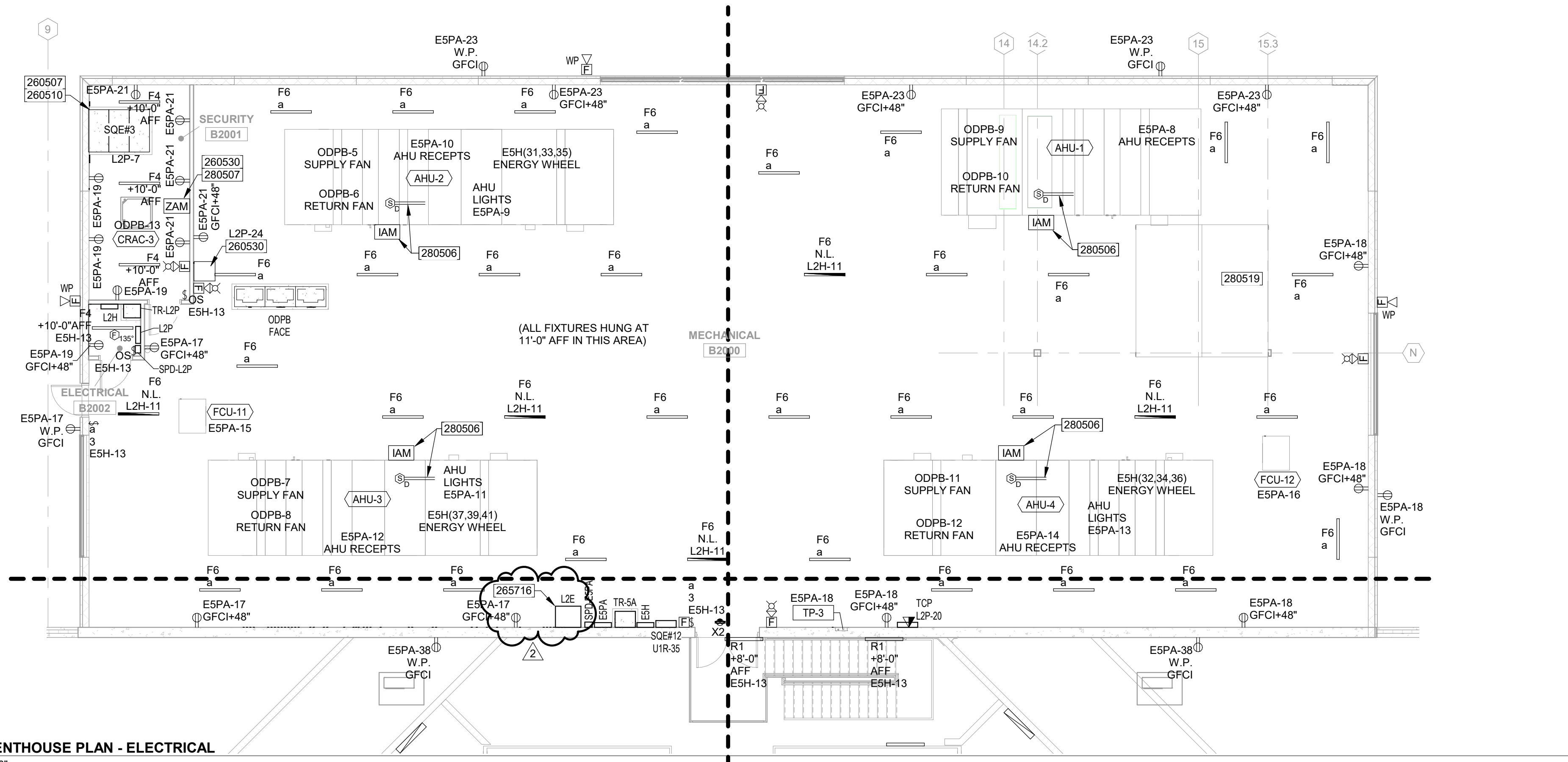
SITE DEVELOPMENT

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DESIGNED:
APPROVED:
DATE: SEPTEMBER 05, 2019
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1 OVERALL PENTHOUSE PLAN - ELECTRICAL
E-202-BC SCALE: 1/8" = 1'-0"
NORTH



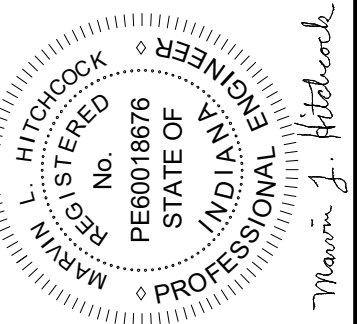
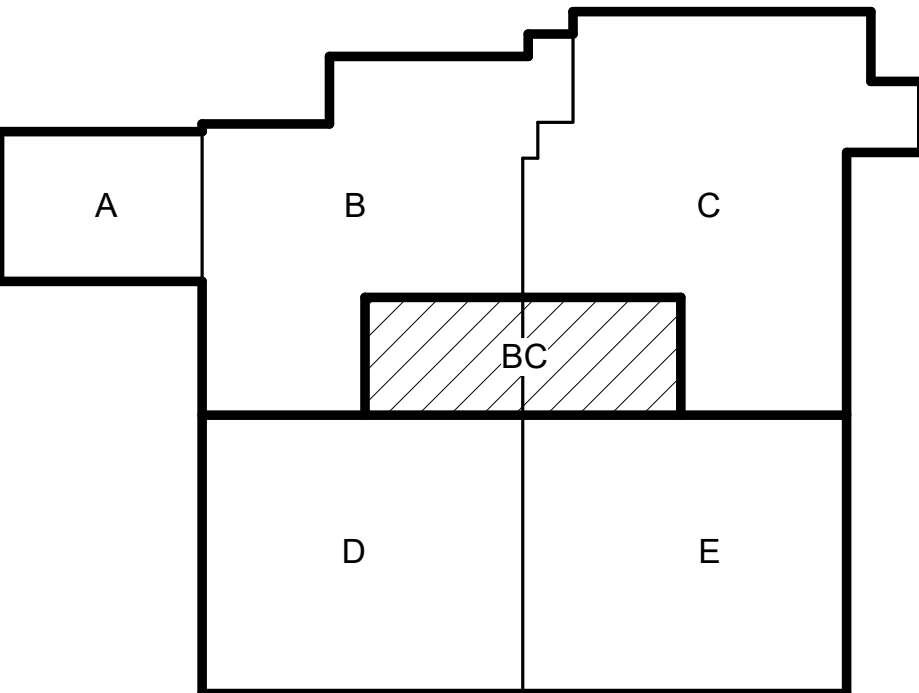
GENERAL NOTES

- FOR PANELBOARD SCHEDULES, SEE DRAWINGS E-701, E-702, E-703, E-704, E-705, E-706 AND E-707.
- SEE MECHANICAL EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON DRAWINGS E-604 & E-605 FOR EQUIPMENT CIRCUITING AND ADDITIONAL ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT (I.E. DISCONNECT, STARTER, ETC) AND LOAD INFORMATION.
- FOR LIGHTING FIXTURE SCHEDULE, SEE SHEET E-606. REFER TO REMARKS COLUMN ON LIGHTING FIXTURE SCHEDULE FOR FIXTURE MOUNTING HEIGHTS AND REQUIREMENTS U.O.N. ON THIS DRAWING.
- REFER TO ARCHITECTURAL SHEETS FOR FIRE RATED WALLS AND CEILINGS. INSTALL FIRESTOP AT PENETRATIONS. INSTALL FIRE RATED PUTTY AROUND BOXES INSTALLED IN FIRE RATED WALLS AND OFFSET BACK TO BACK BOXES.
- REFER TO SECURITY DRAWINGS, #SE SERIES, FOR ADDITIONAL REQUIREMENTS. PROVIDE BOXES AND RACEWAYS AS NEEDED FOR SECURITY EQUIPMENT.
- SEAL ALL PENETRATIONS THRU PRECAST, REFER TO SPECIFICATION 075200 FOR TYPE.
- REFER TO DRAWING E-803, DETAIL #10 FOR FIRE ALARM DEVICES MOUNTING REQUIREMENTS PER NFPA.
- ALL FIRE ALARM CONDUITS SHALL BE FACTORY PAINTED "RED". ALL PULL/JUNCTION BOX COVERS SHALL BE FACTORY PAINTED RED.
- ALL FIXTURES TO BE HUNG AT 11'-0" AFF IN MECHANICAL B2000.

PENTHOUSE KEYNOTES

- 260507 SECURITY EQUIPMENT RACKS (3 TOTAL), REFER TO SECURITY DRAWINGS. PROVIDE FOUR (5) 20A, 120V CIRCUITS FROM PANEL 111R TO RACKS. CIRCUITS #28, 30, 32, 34, 36 AND THREE (3) 20A, 120V CIRCUITS FROM PANEL 'ESPA' TO RACKS. CIRCUITS #49, 51, 53, COORDINATE WITH SECURITY CONTRACTOR ON EXACT LOCATION OF CIRCUITS. PROVIDE 2#12x5 IN 3/4" C. FOR EACH CIRCUIT.
- 260510 EQUIPMENT TO BE MOUNTED ON CONCRETE PAD, REFER TO STRUCTURAL DRAWING S-530, DETAILS #8 AND/OR #9 FOR CONCRETE PAD INSTALLATION DETAIL.
- 260530 PREACTION DRY-POWER SYSTEM, 120V. CONNECT TO CIRCUIT SHOWN USING 2#12x5 IN 3/4" C. COORDINATE EXACT LOCATION. FURNISH AND INSTALL CENTRAL UNINTERRUPTIBLE EMERGENCY LIGHTING INVERTER, SINGLE PHASE, 277V INPUT/OUTPUT WITH 4 OUTPUT BREAKERS, 90-MINUTE RATED BATTERY BACKUP CAPACITY AT RATED LOAD. UL 924 LISTED, 30W MINIMUM FOR L1E, 10KW MINIMUM FOR L2E, CONTROLLED POWER MODEL ELU OR APPROVED EQUAL BY MYERS, DUAL-LITE, EATON.
- 280506 ADDRESSABLE DUCT DETECTOR FURNISHED AND INSTALLED BY HVAC EQUIPMENT SUPPLIER. FURNISH AND INSTALL ONE (1) IAM MODULE AS NEEDED FOR INTERLOCKING/SHUTDOWN CONTROL OF AIR HANDLING UNIT UPON DUCT SMOKE DETECTION. LOCATE REMOTE TEST STATION FOR EACH AIR HANDLING UNIT IN MASTER CONTROL ROOM #1026. REFER TO DRAWING E-401-B. FIELD COORDINATE PRIOR TO CONSTRUCTION EXACT QUANTITY OF DUCT DETECTORS. ONE (1) DUCT DETECTOR SHALL BE REQUIRED AT EACH RETURN DUCT TO THE AIR HANDLING UNIT. REFER TO HVAC PLANS FOR DUCTWORK LAYOUT/RETURN LOCATIONS. ALSO REFER TO DETAIL 7 ON DRAWING E-801 WIRING/INTERLOCKING/CONTROL REQUIREMENTS FOR ASSOCIATED SMOKE DAMPER(S) UPON DUCT DETECTOR SMOKE DETECTION AT AHU.
- 280507 ROOM CONTAINS SELF-CONTAINED DRY-POWDER FIRE SUPPRESSION SYSTEM. PROVIDE ZAM FOR ALARM MONITORING OF FIRE SUPPRESSION SYSTEM CONTROL PANEL BY FIRE ALARM CONTROL PANEL (FACP-1) LOCATED IN ELECTRICAL ROOM #C1054 AS RECOMMENDED BY SYSTEM MANUFACTURER. FURNISH CABLING AS REQUIRED IN 3/4" C. COORDINATE WITH MECHANICAL CONTRACTOR AND INSTALL/WIRE ALL ASSOCIATED ELECTRICAL APPURTENANCES AND DEVICES (I.E. SMOKE DETECTOR, PULL STATION, TELEPHONE OUTLET) TO FIRE SUPPRESSION PANEL AS NECESSARY AND AS REQUIRED BY FIRE SUPPRESSION SYSTEM MANUFACTURER.
- 280519 ROOF ACCESS HATCH. AVOID ROUTING PIPING, CONDUITS, ETC. IN CLEAR OPENING SPACE.

KEY PLAN



2605#
2705#
2805#

DATE	REVISION	NO.	CHKD.	MLH
09/19/19	2	2	Adrianum	MLH
DESIGNED: ROW	APPROVD: MLH	DATE: SEPTEMBER 5, 2019	PROJECT NUMBER	1663-1190-90

VIGO COUNTY SECURITY CENTER	PENTHOUSE PLAN - ELECTRICAL
TERRE HAUTE, INDIANA	ELECTRICAL
E-202-BC	

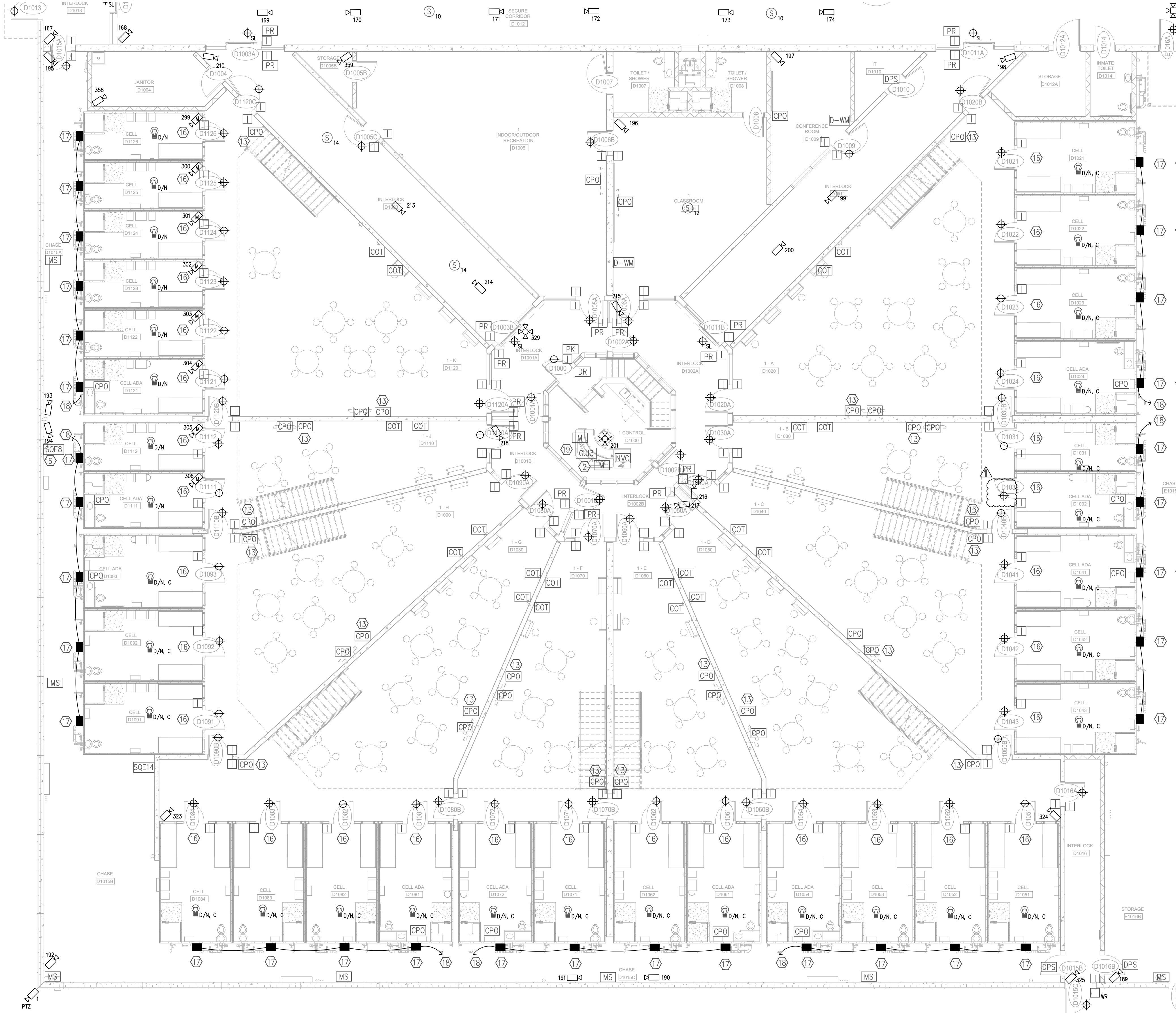
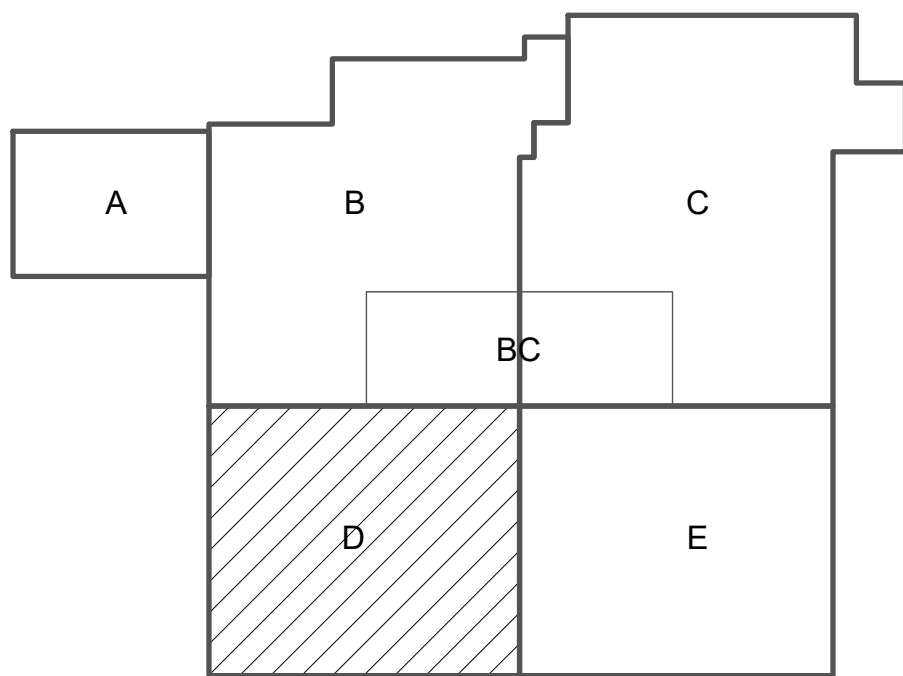
SECURITY ELECTRONICS LEGEND

- [GUI] GRAPHICAL USER INTERFACE STATION (# INDICATES LOCATION)
[TM] VOIP TELEPHONE MASTER STATION
[SMS] SECURITY MANAGEMENT SERVER
[SOE] SECURITY EQUIPMENT ENCLOSURE (# INDICATES LOCATION)
[+] MONITORED AND CONTROLLED DOOR
[O] OVERHEAD DOOR, SL-SLIDING DOOR, CD=COLING DOOR, LEX=LOCAL ELECTRIC KEY SWITCH, GA=GATE ARM
[M] MONITORED AND CONTROLLED DOOR (VIA ACCESS SYSTEM ONLY)
[PS] DOOR POSITION SWITCH
[PR] PROXIMITY READER
[PK] PROXIMITY READER W/INTEGRAL KEYPAD
[RDE] REQUEST TO EXIT MOTION DETECTOR
[DR] DOOR RELEASE PUSHBUTTON (UC=MOUNTED UNDER-COUNTER)
[D-UC] DURESS PUSHBUTTON, MOUNTED UNDER-COUNTER
[D-WM] DURESS PUSHBUTTON, WALL-MOUNTED
[MS] MOTION SENSOR
[VH] VISITATION HANDSET (BY OWNER)
[I] REMOTE INTERCOM STATION W/CALL SWITCH (WALL-MOUNTED) (WR=WEATHER RESISTANT; HS=WITH INTEGRAL HANDSET, PS=PRIVACY SWITCH)
[M] CEILING-MOUNTED MICROPHONE
[S] CEILING-MOUNTED PAGING SPEAKER (# INDICATES ZONE)
[T] CEILING SPEAKER W/AUDIO THRESHOLD DETECTION
[IP] CAMERA (# INDICATES CAMERA NUMBER, M=INTEGRATED MICROPHONE, PTZ=PAN-TILT-ZOOM)
[X] SINGLE SENSOR 360 DEGREE CAMERA (# INDICATES CAMERA NUMBER, M=INTEGRATED MICROPHONE)
[X] MULTI-SENSOR 360 DEGREE CAMERA (# INDICATES CAMERA NUMBER)
[X] MULTI-SENSOR 180 DEGREE CAMERA (# INDICATES CAMERA NUMBER)
[M] NETWORK VIDEO CLIENT MONITOR
[NVC] NETWORK VIDEO CLIENT COMPUTER
[CPO] CONTROLLED POWER OUTLET (REFER TO ELECTRICAL DRAWINGS FOR RECEPTACLES CONTROLLED)
[COT] CONTROLLED OFFENDER TELEPHONE CIRCUIT (REFER TO ELECTRICAL DRAWINGS FOR EXACT PHYSICAL LOCATION OF OUTLET)
[L] CONTROLLED LIGHTING CIRCUIT (D/N=DAY/NIGHT FUNCTIONALITY, C=CELL GROUP CONTROL)

SECURITY ELECTRONICS NOTES

- 1 INTERCOM PEDESTAL INSTALLED BY DIV. 26 AND PROVIDED BY DIV. 28 SSI.
2 COORDINATE EXACT LOCATION OF FIELD DEVICE(S) WITH ARCHITECT AND OWNER.
3 "TRANSACTION" CAMERA FOR INMATE PROPERTY STORAGE SYSTEM. CAMERA FIELD OF VIEW SHALL BE FOCUSED ON EQUIPMENT AREA.
4 CAMERA LOCATION SHALL BE COORDINATED WITH ARCHITECT AND OWNER IN RELATION TO KITCHEN EQUIPMENT IN ORDER TO PROVIDE UNOBSTRUCTED VIEWS.
5 COILING DOOR LOCATION. PLC/TOUCHSCREEN SYSTEM SHALL PROVIDE FOR THE CONTROL AND MONITORING OF THE DEVICE.
6 REFERENCE UTILITY CONTROL PANEL SCHEDULES FOR SWITCHING AND RELAY REQUIREMENTS.
7 CAMERA SHALL BE WALL-MOUNTED AND SHALL BE LOCATED AT 12' AFF. OR JUST BELOW GARAGE DOOR (IN OPEN POSITION) AS TO NOT OBSTRUCT CAMERA VIEW.
8 CABLING FOR MICROPHONES AND CAMERAS IN THIS ROOM SHALL TERMINATE TO THE SECURITY EQUIPMENT ENCLOSURE IN ROOM C1004. CAMERA CABLES SHALL BE INTEGRATED WITH CAMERAS.
9 HANDICAP PUSHBUTTON FOR DOOR SHALL INTEGRATE WITH PLC CONTROL SYSTEM. PUSHBUTTON SHALL BE WIRED TO SECURITY EQUIPMENT ENCLOSURE IN ROOM C1079.
10 LOCATION OF WALL-MOUNTED KEY-OPERATED ACTIVATION SWITCH AND INDICATING LED FOR INTERVIEW ROOM RECORDING SYSTEM. DEVICE SHALL TERMINATE TO SECURITY EQUIPMENT ENCLOSURE IN ROOM C1004.
11 IN GENERAL, SECURITY ELECTRONICS DEVICES IN AREAS "A", "B" AND "C" SHALL TERMINATE TO SOE1. DIV. 26 SHALL REFERENCE SSI-SUPPLIED SUBMITTAL DOCUMENTATION FOR EXACT TERMINATION LOCATIONS(S).
12 IN GENERAL, SECURITY ELECTRONICS DEVICES IN AREAS D & E SHALL TERMINATE TO SOE3. DIV. 26 SHALL REFERENCE SSI-SUPPLIED SUBMITTAL DOCUMENTATION FOR EXACT TERMINATION LOCATIONS(S).
13 CONTROL OF POWER RECEPTACLES IN EACH DAYROOM SHALL BE BY GROUP (EACH DAYROOM WILL BE CONSIDERED A GROUP).
14 VISITATION HANDSET, HEAD-END ELECTRONICS AND CABLING SHALL BE PROVIDED AND INSTALLED BY OWNER'S VENDOR. DIV. 26 SHALL PROVIDE ROUGH-IN FOR HANDSET.
15 READER SHALL BE CONFIGURED AS ENROLLMENT READER FOR ACCESS CONTROL SYSTEM.
16 INTERCOM AND DOOR CONDUIT, WIRE, AND DEVICE PRE-INSTALLED BY STEEL CELL OF NORTH AMERICA AND ROUTED TO SUB PANEL LOCATED AT BACK OF THE CELL. PER N.E.C. CODE, BACK BOX REQUIRES 3" OF CLEARANCE IN FRONT OF BACK BOX AND CLEAR OF OBSTRUCTIONS.
17 ROUTE NETWORK (1 - WEST PENN 4246), AUDIO (1 - WEST PENN 291), AND POWER (2 - WEST PENN 224) TO SECURITY EQUIPMENT ENCLOSURE LOCATION #3 (SOE3).
18 SSI SHALL PROVIDE CONTROL OF WATER VALVES FOR CELLS FROM THE GUI STATIONS. SSI SHALL REFERENCE DIV. 22 SPECIFICATIONS FOR INTERFACE REQUIREMENTS.
19 LOCAL CONTROL ONLY. NO ICONS SHALL BE PLACED ON GUI SYSTEM FOR CONTROL/MONITORING.
20

KEY PLAN



FIRST FLOOR SECURITY ELECTRONICS PLAN - AREA D
ES-104 SCALE: 1/8" = 1'-0"
NORTH

DRAWING NUMBER	PROJECT NUMBER	DATE	REVISION	NO.	CHKD:	DATE
ES-104	1663-1190-90	09/19/19	1	1	AG	09/19/19
SECURITY ELECTRONICS						

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FIRST FLOOR SECURITY
ELECTRONICS PLAN - AREA D