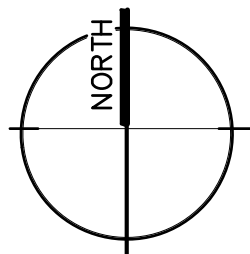




LAKEVIEW SELF STORAGE - LEE'S SUMMIT, MO

PROJECT TEAM



LOCATION MAP

ARCHITECTURAL SET REV: 2023/01/03

COVERCODE INFORMATION, LOCATION PLAN
A1.1.....CODE PLANS (1-3)
A1.2.....FIRE RATED DETAILS, CODE DETAILS
A2.1.....FIRST FLOOR PLAN
A2.2.....SECOND FLOOR PLAN
A2.3.....THIRD FLOOR PLAN
A2.4.....PLAN DETAILS
A2.5.....PLAN DETAILS
A2.6.....INTERIOR ELEVATIONS
A2.7.....PLAN DETAILS
A3.1.....ELEVATIONS
A3.2.....ELEVATIONS
A4.1.....WALL SECTIONS
A4.2.....WALL SECTIONS
A4.3.....WALL SECTIONS
A4.4.....WALL SECTIONS
A4.5.....WALL SECTIONS
A4.6.....WALL SECTIONS
A4.7.....WALL SECTIONS
A4.8.....WALL SECTIONS
A4.9.....WALL SECTIONS
A4.10.....WALL SECTIONS
A4.11.....WALL SECTIONS
A4.12.....WALL SECTION DETAILS
A5.1.....ROOF PLAN & ROOF DETAILS
A6.1.....FINISH & DOOR SCHEDULES
A6.2.....WINDOW SCHEDULE
F1.1.....FOUNDATION PLAN
F1.2.....FOUNDATION DETAILS
F1.3.....FOUNDATION DETAILS

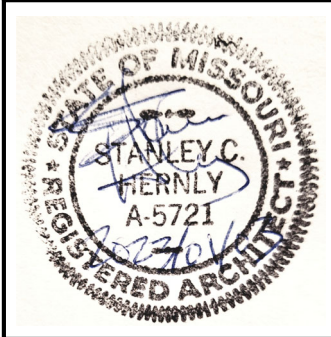


PROJECT NAME:	LAKEVIEW SELF STORAGE
PROJECT LOCATION:	4101 NE PORT DRIVE LEE'S SUMMIT, MISSOURI
PROJECT OWNERSHIP:	
ARCHITECT:	HERNLY ASSOCIATES, INC. 1100 RHODE ISLAND ST. LAWRENCE, KANSAS 66044 P. 785-749-5806 F. 785-749-1515
GENERAL CONTRACTOR:	STRICKLAND CONSTRUCTION 720 S. ROGERS ROAD, SUITE B OLATHE, KANSAS 66062 P. 913-764-7000 F. 913-768-8425
BUILDING INSPECTION DEPT:	DEVELOPMENT SERVICES 220 SE GREEN LEE'S SUMMIT, MO 64063 816-961-1200
CODES/REGULATIONS UTILIZED:	2018 International Building Code 2018 International Mechanical Code 2017 National Electrical Code 2018 Uniform Plumbing Code 2018 International Fire Code 2012 International Energy Conservation Code ICC/ANSI A117.1 - 2009 Accessibility and Usability Code
CONSTRUCTION:	METAL STUDS, STEEL DECK/ CONCRETE TOPPING, METAL PANEL, MASONRY VENEER
CONSTRUCTION TYPE:	TYPE II-B - FULLY SPRINKLED THREE FLOOR SELF STORAGE FACILITY W/ OFFICE
OCCUPANCY GROUPS:	SELF STORAGE - GROUP S-I OFFICE/RETAIL - GROUP B
OCCUPANCY SEPARATIONS:	NONE REQUIRED
FIRE RESISTANCE RATINGS:	STRUCTURAL FRAME = 0 BEARING WALLS = 0 PARTITIONS = 0 FLOOR CONSTRUCTION = 0 ROOF CONSTRUCTION = 0 CORRIDORS = 0 SHAFT CONSTRUCTION = 1-HOUR
FIRE SAFETY:	AUTOMATIC FIRE SPRINKLER THROUGHOUT - NFPA 13 FIRE ALARM SYSTEM & SMOKE DETECTION - AS REQ. FIRE EXTINGUISHERS - 2a-10bc (LOCATE PER LOCAL FIRE DEPT) ALL EXTINGUISHERS IN PLAIN VIEW, MOUNTED W/ SIGNAGE ABOVE IF NEEDED, MUST COMPLY WITH IFC 906.3 AND MUST FOLLOW IFC 906 FOR TRAVEL DISTANCE (75' MIN)
EMERGENCY/EXIT LIGHTING	PER ELEC. DRAWINGS
SAFETY GLAZING	PROVIDE SAFETY GLAZING IN DOORS AND FIXED PANELS ADJACENT TO DOORS COMPLYING WITH 2003 IBC CHAPTER 24
ALLOWABLE BUILDING HEIGHT:	3-STORY, 75 FEET (FULLY SPRINKLED)
ACTUAL BUILDING HEIGHT:	3-STORY, 38'-2" (OK)

BASE ALLOWABLE BUILDING AREA:	52,500 S.F. PER STORY (FULLY-SPRINKLED, MULTISTORY)
ACTUAL FLOOR AREAS:	PROPOSED FLOOR AREA: 1ST FLOOR - GROUP S-I, B = 34,315 S.F. (OK) 2ND FLOOR - GROUP S-I = 33,284 S.F. (OK) 3RD FLOOR - GROUP S-I = 34,426 S.F. (OK)
OCCUPANT LOAD FACTORS:	S-I STORAGE WAREHOUSE = 500 BUSINESS = 150
OCCUPANT LOADS:	STORAGE: FIRST FLOOR = 33,175/500 = 67 SECOND FLOOR = 33,284/500 = 67 THIRD FLOOR = 34,426/500 = 69 RETAIL/OFFICE: FIRST FLOOR = 1200/150 = 8 = 211 TOTAL
EGRESS REQUIREMENTS:	EXITS REQUIRED: 2 PER FLR. @ O.L. X AND 500 (100 OCC) EXITS PROVIDED: 2+ ALL FLOORS (OK) EGRESS WIDTH REQ: 1ST = 75 O.L. x 0.15" = 11.25" EGRESS WIDTH PROVIDED: 176" (OK) 2ND = 67 O.L. x 0.15" = 10.1" EGRESS WIDTH PROVIDED: 140" (OK) 3RD = 69 O.L. x 0.20" = 13.8" EGRESS WIDTH PROVIDED: 12" (OK)
MAX. ALLOWABLE TRAVEL DISTANCE:	= 250 FEET
ACTUAL MAX. TRAVEL DISTANCE:	FIRST FLOOR = 191'-3" SECOND FLOOR = 147'-10" THIRD FLOOR = 207'-8" REV: 2023/01/03

MIN. PLUMBING FIXTURE REQ'S (WHOLE BLDG):	TOTAL OCC (S-I & B): 211 : 106 MEN, 106 WOMEN
FIXTURES REQUIRED FOR STORAGE & OFFICE OCC:	= 1 FIX:50 MEN OCC. = 3 FIXTURE = 1 FIX:50 WOMEN OCC. = 3 FIXTURES = 1 SERVICE SINK
FIXTURES PROVIDED:	= 3 WC AND LAV FIXTURES FOR MEN (OK) = 3 WC AND LAV FIXTURES FOR WOMEN (OK) = 1 SERVICE SINK (OK)
SPECIAL INSPECTIONS REQUIRED:	EXCAVATION AND FILLING VERIFICATION OF SOILS PLACEMENT OF REINFORCING STEEL TESTING OF REINFORCED CONCRETE BOLTS INSTALLED IN CONCRETE STRUCTURAL MASONRY STEEL FRAME INSPECTION

This project has been designed by this office for compliance with applicable laws, codes and ordinances including the ADA Title III guidelines. Since the requirements of these regulations are subject to various and possibly contradictory interpretations, reasonable professional efforts have been used to interpret applicable requirements. No warranty or guarantee is given that the project complies with all interpretations as they apply to the project.





LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



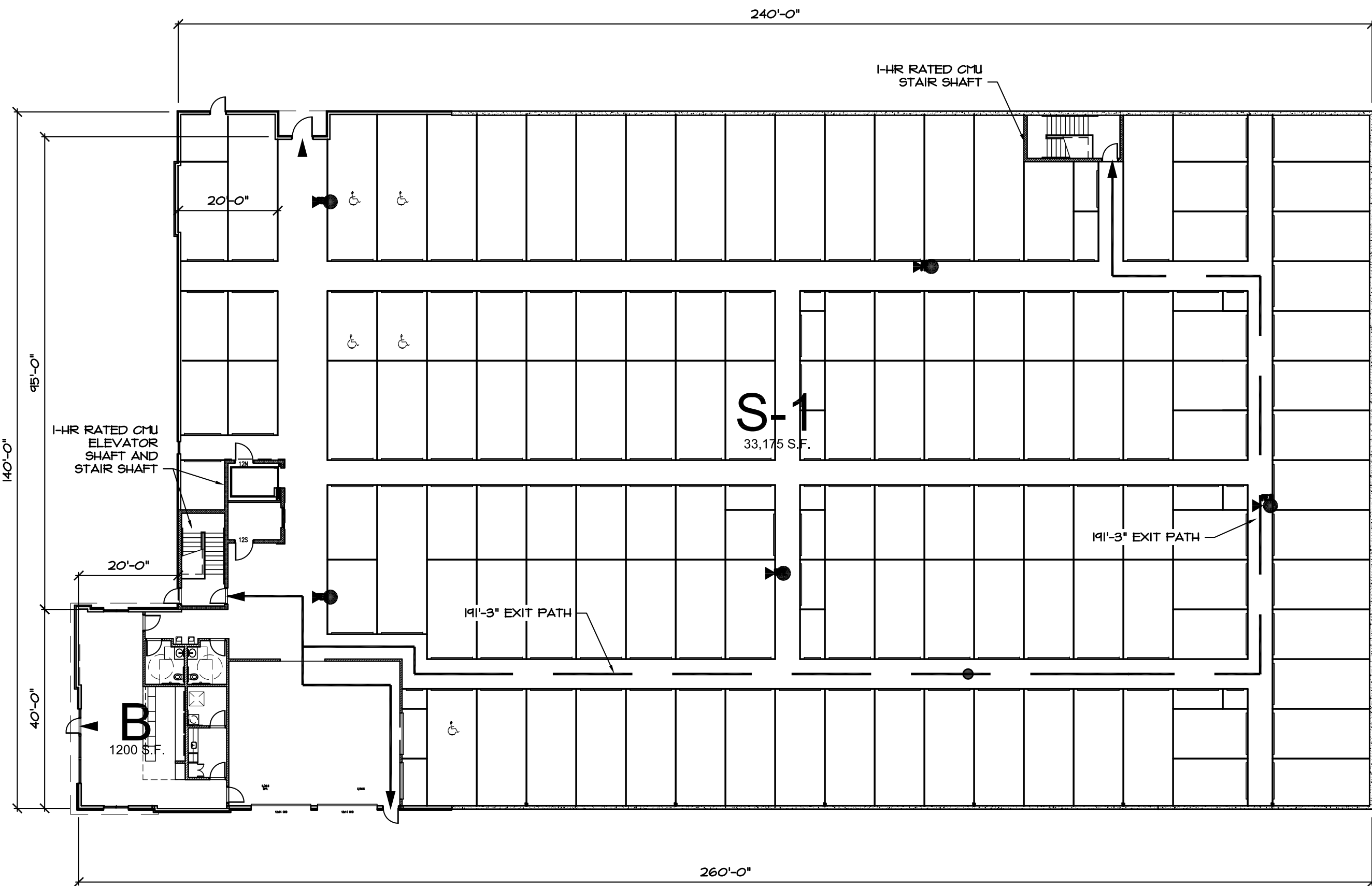
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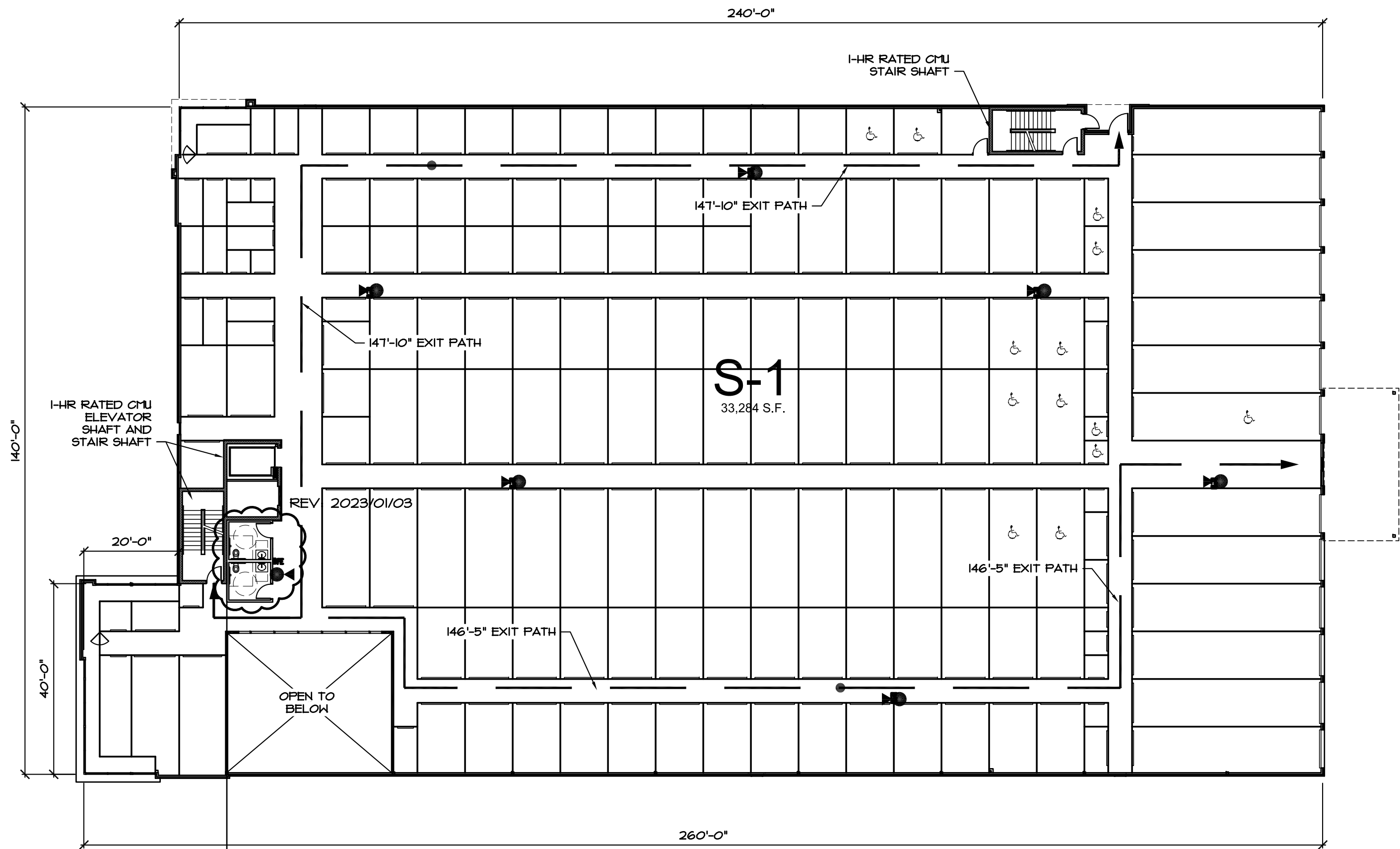
CODE PLANS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions: 2023/01/03

A1.1

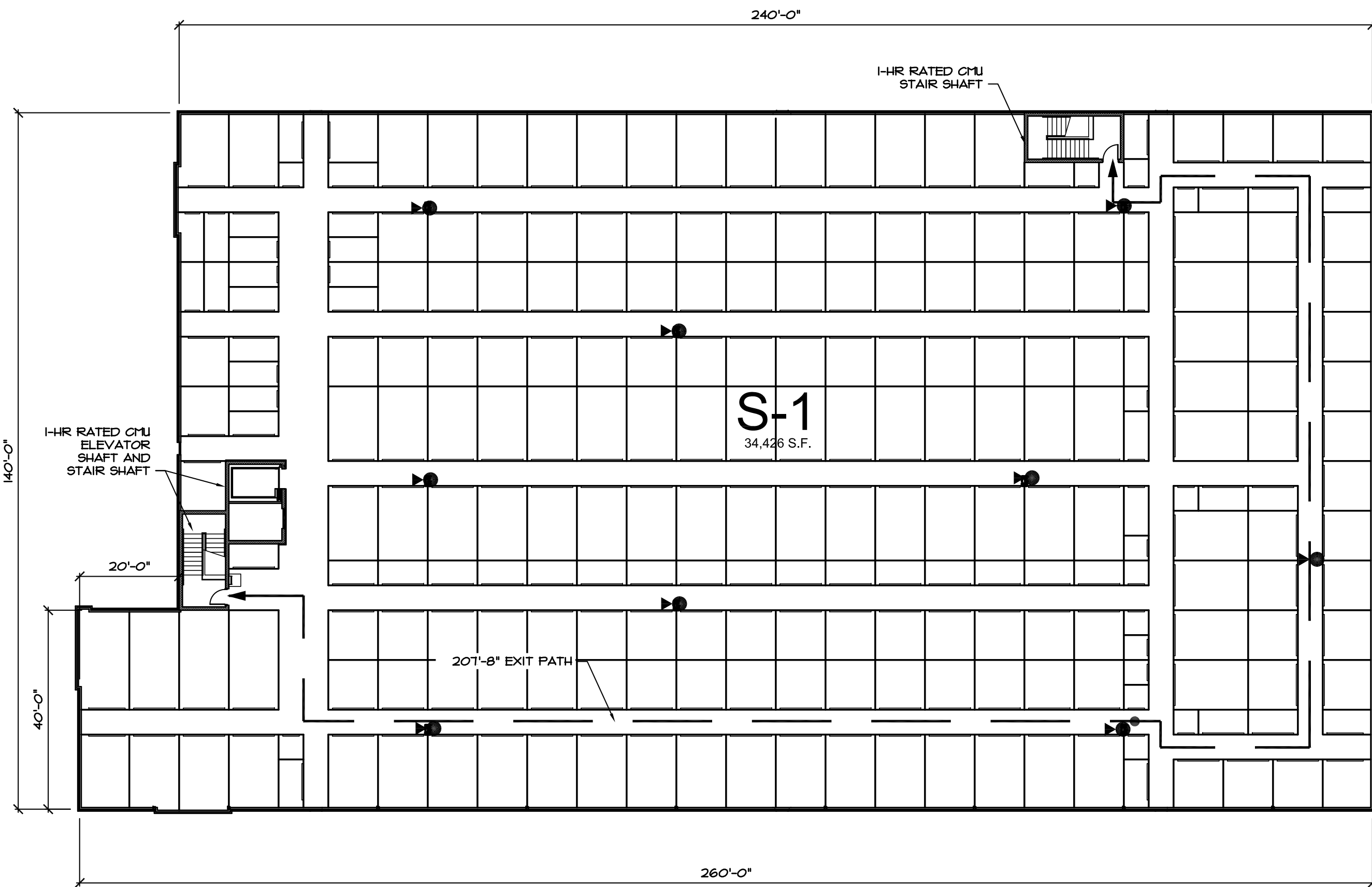


1 FIRST FLOOR CODE PLAN - 34,375 S.F.
1" = 20'-0"



2 SECOND FLOOR CODE PLAN - 33,284 S.F.
1" = 20'-0"

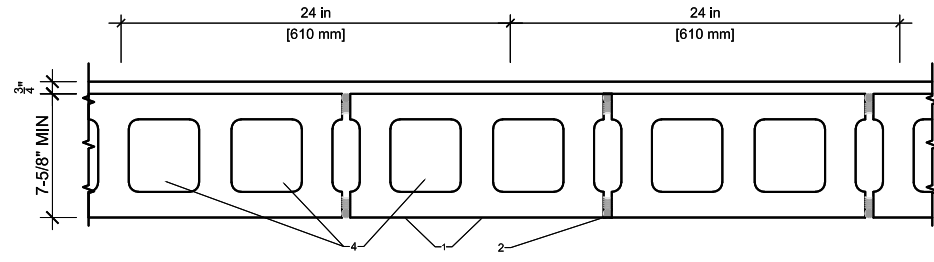
SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF SPACES REQUIRED TO BE ACCESSIBLE
1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
INDIVIDUAL SELF-SERVICE STORAGE SPACES SHALL BE DISPERSED THROUGHOUT THE VARIOUS CLASSES OF SPACES PROVIDED. WHERE MORE CLASSES OF SPACES ARE PROVIDED THAN THE NUMBER REQUIRED TO BE ACCESSIBLE, THE NUMBER OF SPACES SHALL NOT BE REQUIRED TO EXCEED THAT REQUIRED BY TABLE 225.3. SELF-SERVICE STORAGE SPACES COMPLYING WITH TABLE 225.3 SHALL NOT BE REQUIRED TO BE DISPERSED AMONG BUILDINGS IN A MULTI-BUILDING FACILITY.	
ACCESSIBLE UNITS MUST MEET THE FOLLOWING CRITERIA:	
403.3 ACCESSIBLE ROUTE	THE RUNNING SLOPE OF WALKING SURFACES NOT STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
404.2.5 THRESHOLDS	1/2" HIGH MAXIMUM
404.2.7 DOOR HARDWARE	OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISHED FLOOR OR GROUND
404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS:	
590 UNITS	
-200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	



1 THIRD FLOOR CODE PLAN - 34,426 S.F.
1" = 20'-0"

CONCRETE MASONRY UNITS, MORTAR - UL DESIGN NO. U904

BEARING WALL RATING: 3 HR. - NONBEARING WALL RATING: 3 HR.



* Indicates such products shall bear the UL Certification Mark for jurisdictions employing the UL Certification.

- Concrete Blocks* - Various designs. Classification C-3 (3 hr.)
- Mortar - Blocks laid in full bed of mortar, nom. $\frac{3}{8}$ in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
- Portland Cement Stucco or Gypsum Plaster - Add $\frac{1}{2}$ hr to Classification if used. Attached to concrete blocks (Item 1).
- Loose Masonry Fill - If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kilo Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 1 hr to Classification.

STAIR/ELEV SHAFT WALL (1-HR REQUIRED)

F Ratings - 1, 2, 3 & 4 Hr (See Item 1) T Ratings - 0 & 1/4 Hr (See Item 2)		W-J-1040
ANBUUL1479 (ASTM E814)	CANULC S119	
F Ratings - 1, 2, 3 and 4 Hr (See Item 1)	F Ratings - 1, 2, 3 and 4 hr (See Item 1)	
T Ratings - 0 and 1/4 Hr (See Item 2)	FT Ratings - 0 and 1/4 Hr (See Item 2)	
	FH Ratings - 1, 2, 3 and 4 Hr (See Item 1)	
	FTH Ratings - 0 and 1/4 Hr (See Item 2)	

SECTION A-A

- Wall Assembly** - Min 4-7/8 in. 5-1/8 in. 7-3/8 in. or 8-5/8 in. (124, 155, 187 and 219 mm) thick lightweight or normal weight (100-100 pcf or 1600-2400 kg/m³) concrete for 1, 2, 3 or 4 hour rated assemblies, respectively. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 25 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants** - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min 3 in. (point contact) to max 1-5/8 in. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - Steel Pipe** - The following types and sizes of steel pipes may be used:
 - A1. Nom 1 in. diam (or smaller) Schedule 7 (or heavier) steel pipe.
 - A2. Nom 8 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
 - A3. Nom 10 in. diam (or smaller) Schedule 20 (or heavier) steel pipe.
 - A4. Nom 24 in. diam (or smaller) Schedule 40 (or heavier) steel pipe.
 - Iron Pipe** - Nom 24 in. diam (or smaller) cast or ductile iron pipe. When iron pipe is used T Rating is 1/4 hr.
 - Conduit** - Nom 4 in. diam (or smaller) steel electrical metallic tubing (EMT). When EMT is used T Rating is 1/4 hr.
 - Copper Tubing** - Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing. When copper tube is used T Rating is 0 hr.
 - Copper Pipe** - Nom 8 in. diam (or smaller) Regular (or heavier) copper pipe. When copper pipe is used T Rating is 0 hr.
 - Stainless Steel Pipe** - Nom 4 in. (102 mm) diam (or smaller) Schedule 5 (or heavier) stainless steel pipe.

F Rating - 1, 2, 3 & 4 Hr (See Item 1) T Rating - 0 & 1/4 Hr (See Item 2)		W-J-1040
ANBUUL1479 (ASTM E814)	CANULC S119	
F Ratings - 1, 2, 3 and 4 Hr (See Item 1)	F Ratings - 1, 2, 3 and 4 hr (See Item 1)	
T Ratings - 0 and 1/4 Hr (See Item 2)	FT Ratings - 0 and 1/4 Hr (See Item 2)	
	FH Ratings - 1, 2, 3 and 4 Hr (See Item 1)	
	FTH Ratings - 0 and 1/4 Hr (See Item 2)	

SECTION A-A

- Fill, Void or Cavity Material** - Sealant - Min 5/8 in. thickness of fill material for 1 hr rated wall assemblies and 1 in. thickness of fill material for 2, 3 and 4 hr rated wall assemblies, applied within the annulus, flush with both surfaces of wall. At point contact location between penetrant and periphery of opening, a min 1/2 in. diam bead of fill material shall be installed at the penetrant/perimeter interface on both surfaces of wall. **Passive Fire Protection Particles** - 4000CW, 4100NS, 3600EX

CMU PENETRATION

System No. W-1001 (Formerly System No. 147)	
F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)	T Ratings - 0, 1, 2, 3 and 4 Hr (See Item 3)
L Rating: 0 hr	L Rating: 0 hr
L Rating: 0 hr	L Rating: 0 hr

System No. W-1001 (Formerly System No. 147)	
F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)	T Ratings - 0, 1, 2, 3 and 4 Hr (See Item 3)
L Rating: 0 hr	L Rating: 0 hr
L Rating: 0 hr	L Rating: 0 hr

System No. W-1001 (Formerly System No. 147)	
F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)	T Ratings - 0, 1, 2, 3 and 4 Hr (See Item 3)
L Rating: 0 hr	L Rating: 0 hr
L Rating: 0 hr	L Rating: 0 hr

System No. W-1001 (Formerly System No. 147)	
F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)	T Ratings - 0, 1, 2, 3 and 4 Hr (See Item 3)
L Rating: 0 hr	L Rating: 0 hr
L Rating: 0 hr	L Rating: 0 hr

1. Wall Assembly - The 1, 2, 3 or 4 hr fire-rated gypsum board/fiberglass wall assembly shall be constructed of the materials and in the manner described in the individual U400 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs - Wall framing may consist of either wood studs (max 2 for fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 in. x 4 in. lumber spaced 16 in. o.c. with nom 2 by 4 in. lumber and plates and cross bracing. Steel studs to be min 3-5/8 in. wide by 1-5/8 in. deep channels spaced max 24 in. o.c.

B. Reinforced Gypsum - Nom 1/2 or 5/8 in. thick, 4 ft. wide with square or tapered edges. The gypsum without tape, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U400 or U400 Series Design in the UL Fire Resistance Directory. No gaps or openings to 1/2 in. (12.7 mm).

2. Pipe or Conduit - Nom 12 in. diam (or smaller) Schedule 40 (or heavier) steel pipe, nom 6 in. diam (or smaller) steel conduit, nom 4 in. diam (or smaller) steel electrical metallic tubing or Type L (or heavier) copper tubing or nom 1 in. diam (or smaller) flexible steel conduit. When copper pipe or flexible steel conduit is used, max F Rating of firestop system (Item 3) is used. When steel pipe or flexible steel conduit is used, max F Rating of firestop system (Item 3) is used. When steel pipe or flexible steel conduit is used, max F Rating of firestop system (Item 3) is used.

3. Wall Penetration - The hourly fire rating of the wall assembly in which it is installed, as indicated below.

Min. Pipe or Conduit Diam. in. Annular Space, in. Rating, hr. F Rating, hr. T Rating, hr.

1. 0 to 3/16 1 or 2 0 1 or 2 0

2. 3/16 to 1/2 1 or 2 0 1 or 2 0

3. 1/2 to 3/4 1 or 2 0 1 or 2 0

4. 3/4 to 1 1 or 2 0 1 or 2 0

5. 1 to 1 1/4 1 or 2 0 1 or 2 0

6. 1 1/4 to 1 1/2 1 or 2 0 1 or 2 0

7. 1 1/2 to 1 3/4 1 or 2 0 1 or 2 0

8. 1 3/4 to 2 1 or 2 0 1 or 2 0

9. 2 to 2 1/4 1 or 2 0 1 or 2 0

10. 2 1/4 to 2 1/2 1 or 2 0 1 or 2 0

11. 2 1/2 to 2 3/4 1 or 2 0 1 or 2 0

12. 2 3/4 to 3 1 or 2 0 1 or 2 0

13. 3 to 3 1/4 1 or 2 0 1 or 2 0

14. 3 1/4 to 3 1/2 1 or 2 0 1 or 2 0

15. 3 1/2 to 3 3/4 1 or 2 0 1 or 2 0

16. 3 3/4 to 4 1 or 2 0 1 or 2 0

17. 4 to 4 1/4 1 or 2 0 1 or 2 0

18. 4 1/4 to 4 1/2 1 or 2 0 1 or 2 0

19. 4 1/2 to 4 3/4 1 or 2 0 1 or 2 0

20. 4 3/4 to 5 1 or 2 0 1 or 2 0

21. 5 to 5 1/4 1 or 2 0 1 or 2 0

22. 5 1/4 to 5 1/2 1 or 2 0 1 or 2 0

23. 5 1/2 to 5 3/4 1 or 2 0 1 or 2 0

24. 5 3/4 to 6 1 or 2 0 1 or 2 0

25. 6 to 6 1/4 1 or 2 0 1 or 2 0

26. 6 1/4 to 6 1/2 1 or 2 0 1 or 2 0

27. 6 1/2 to 6 3/4 1 or 2 0 1 or 2 0

28. 6 3/4 to 7 1 or 2 0 1 or 2 0

29. 7 to 7 1/4 1 or 2 0 1 or 2 0

30. 7 1/4 to 7 1/2 1 or 2 0 1 or 2 0

31. 7 1/2 to 7 3/4 1 or 2 0 1 or 2 0

32. 7 3/4 to 8 1 or 2 0 1 or 2 0

33. 8 to 8 1/4 1 or 2 0 1 or 2 0

34. 8 1/4 to 8 1/2 1 or 2 0 1 or 2 0

35. 8 1/2 to 8 3/4 1 or 2 0 1 or 2 0

36. 8 3/4 to 9 1 or 2 0 1 or 2 0

37. 9 to 9 1/4 1 or 2 0 1 or 2 0

38. 9 1/4 to 9 1/2 1 or 2 0 1 or 2 0

39. 9 1/2 to 9 3/4 1 or 2 0 1 or 2 0

40. 9 3/4 to 10 1 or 2 0 1 or 2 0

41. 10 to 10 1/4 1 or 2 0 1 or 2 0

42. 10 1/4 to 10 1/2 1 or 2 0 1 or 2 0

43. 10 1/2 to 10 3/4 1 or 2 0 1 or 2 0

44. 10 3/4 to 11 1 or 2 0 1 or 2 0

45. 11 to 11 1/4 1 or 2 0 1 or 2 0

46. 11 1/4 to 11 1/2 1 or 2 0 1 or 2 0

47. 11 1/2 to 11 3/4 1 or 2 0 1 or 2 0

48. 11 3/4 to 12 1 or 2 0 1 or 2 0

49. 12 to 12 1/4 1 or 2 0 1 or 2 0

50. 12 1/4 to 12 1/2 1 or 2 0 1 or 2 0

51. 12 1/2 to 12 3/4 1 or 2 0 1 or 2 0

52. 12 3/4 to 13 1 or 2 0 1 or 2 0

53. 13 to 13 1/4 1 or 2 0 1 or 2 0

54. 13 1/4 to 13 1/2 1 or 2 0 1 or 2 0

55. 13 1/2 to 13 3/4 1 or 2 0 1 or 2 0

56. 13 3/4 to 14 1 or 2 0 1 or 2 0

57. 14 to 14 1/4 1 or 2 0 1 or 2 0

58. 14 1/4 to 14 1/2 1 or 2 0 1 or 2 0

59. 14 1/2 to 14 3/4 1 or 2 0 1 or 2 0

60. 14 3/4 to 15 1 or 2 0 1 or 2 0

61. 15 to 15 1/4 1 or 2 0 1 or 2 0

62. 15 1/4 to 15 1/2 1 or 2 0 1 or 2 0

63. 15 1/2 to 15 3/4 1 or 2 0 1 or 2 0

64. 15 3/4 to 16 1 or 2 0 1 or 2 0

65. 16 to 16 1/4 1 or 2 0 1 or 2 0

66. 16 1/4 to 16 1/2 1 or 2 0 1 or 2 0

67. 16 1/2 to 16 3/4 1 or 2 0 1 or 2 0

68. 16 3/4 to 17 1 or 2 0 1 or 2 0

69. 17 to 17 1/4 1 or 2 0 1 or 2 0

70. 17 1/4 to 17 1/2 1 or 2 0 1 or 2 0

71. 17 1/2 to 17 3/4 1 or 2 0 1 or 2 0

72. 17 3/4 to 18 1 or 2 0 1 or 2 0

73. 18 to 18 1/4 1 or 2 0 1 or 2 0

74. 18 1/4 to 18 1/2 1 or 2 0 1 or 2 0

75. 18 1/2 to 18 3/4 1 or 2 0 1 or 2 0

76. 18 3/4 to 19 1 or 2 0 1 or 2 0

77. 19 to 19 1/4 1 or 2 0 1 or 2 0

78. 19 1/4 to 19 1/2 1 or 2 0 1 or 2 0

79. 19 1/2 to 19 3/4 1 or 2 0 1 or 2 0

80. 19 3/4 to 20 1 or 2 0 1 or 2 0

81. 20 to 20 1/4 1 or 2 0 1 or 2 0

82. 20 1/4 to 20 1/2 1 or 2 0 1 or 2 0

83. 20 1/2 to 20 3/4 1 or 2 0 1 or 2 0

84. 20 3/4 to 21 1 or 2 0 1 or 2 0

85. 21 to 21 1/4 1 or 2 0 1 or 2 0

86. 21 1/4 to 21 1/2 1 or 2 0 1 or 2 0

87. 21 1/2 to 21 3/4 1 or 2 0 1 or 2 0

88. 21 3/4 to 22 1 or 2 0 1 or 2 0

89. 22 to 22 1/4 1 or 2 0 1 or 2 0

90. 22 1/4 to 22 1/2 1 or 2 0 1 or 2 0

91. 22 1/2 to 22 3/4 1 or 2 0 1 or 2 0

92. 22 3/4 to 23 1 or 2 0 1 or 2 0

93. 23 to 23 1/4 1 or 2 0 1 or 2 0

94. 23 1/4 to 23 1/2 1 or 2 0 1 or 2 0

95. 23 1/2 to 23 3/4 1 or 2 0 1 or 2 0

96. 23 3/4 to 24 1 or 2 0 1 or 2 0

97. 24 to 24 1/4 1 or 2 0 1 or 2 0

98. 24 1/4 to 24 1/2 1 or 2 0 1 or 2 0

99. 24 1/2 to 24 3/4 1 or 2 0 1 or 2 0

100. 24 3/4 to 25 1 or 2 0 1 or 2 0

101. 25 to 25 1/4 1 or 2 0 1 or 2 0

102. 25 1/4 to 25 1/2 1 or 2 0 1 or 2 0

103. 25 1/2 to 25 3/4 1 or 2 0 1 or 2 0

104. 25 3/4 to 26 1 or 2 0 1 or 2 0

105. 26 to 26 1/4 1 or 2 0 1 or 2 0

106. 26 1/4 to 26 1/2 1 or 2 0 1 or 2 0

107. 26 1/2 to 26 3/4 1 or 2 0 1 or 2 0

108. 26 3/4 to 27 1 or 2 0 1 or 2 0

109. 27 to 27 1/4 1 or 2 0 1 or 2 0

110. 27 1/4 to 27 1/2 1 or 2 0 1 or 2 0

111. 27 1/2 to 27 3/4 1 or 2 0 1 or 2 0

112. 27 3/4 to 28 1 or 2 0 1 or 2 0

113. 28 to 28 1/4 1 or 2 0 1 or 2 0

114. 28 1/4 to 28 1/2 1 or 2 0 1 or 2 0

115. 28 1/2 to 28 3/4 1 or 2 0 1 or 2 0

116. 28 3/4 to 29 1 or 2 0 1 or 2 0

117. 29 to 29 1/4 1 or 2 0 1 or 2 0

118. 29 1/4 to 29 1/2 1 or 2 0 1 or 2 0

119. 29 1/2 to 29 3/4 1 or 2 0 1 or 2 0

120. 29 3/4 to 30 1 or 2 0 1 or 2 0

121. 30 to 30 1/4 1 or 2 0 1 or 2 0

122. 30 1/4 to 30 1/2 1 or 2 0 1 or 2 0

123. 30 1/2 to 30 3/4 1 or 2 0 1 or 2 0

124. 30 3/4 to 31 1 or 2 0 1 or 2 0

125. 31 to 31 1/4 1 or 2 0 1 or 2 0

126. 31 1/4 to 31 1/2 1 or 2 0 1 or 2 0

127. 31 1/2 to 31 3/4 1 or 2 0 1 or 2 0

128. 31 3/4 to 32 1 or 2 0 1 or 2 0

129. 32 to 32 1/4 1 or 2 0 1 or 2 0



LAKESWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



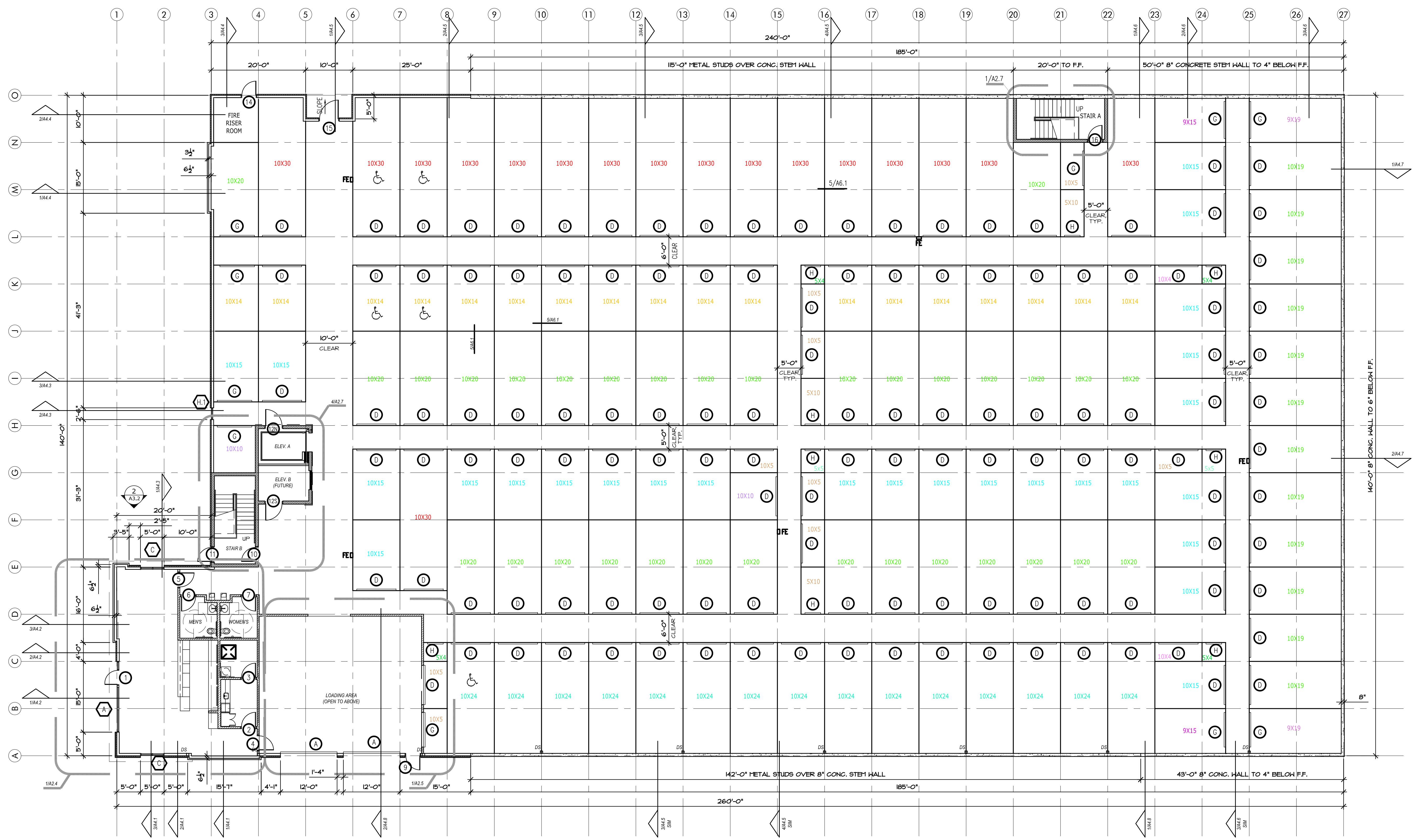
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1ST STORY PLAN

Date: 2022/11/08
Drawn by: SJH
Checked by: SCH
Revisions: 2022/06/08

A2.1



PLAN NORTH

FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER DETAIL 5/A6.1
	INSULATED METAL WALL PANEL -REF. ELEVATIONS SHEET FOR EXTENTS OF EXTERIOR FINISHES.
	GYP. BD. ON METAL STUD FRAMING -REFER PARTITION TYPES, SHEET A6.1
	1-HOUR FIRE-RATED WALL @ STAIRS, ELEVATOR, AND FIRE RISER ROOM
	8" CONCRETE STEM WALL
	INSULATED METAL PARTITION SYSTEM REFER TO DETAIL SHEET 4/A6.1

- GENERAL NOTES (TYPICAL ALL SHEETS)**
- INTERIOR AND EXTERIOR STORAGE UNIT SIGNAGE TO BE APPROVED BY OWNER. SIGNAGE TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
 - GENERAL CONTRACTOR TO COORDINATE ALL FOUNDATION PENETRATIONS WITH STRUCTURAL ENGINEER.
 - ROOF PANELS TO BE 60 MIL TPO ROOF TO MEET LOCAL WIND LOAD REQUIREMENTS ENGINEERED BY METAL BUILDING MANUFACTURER.
 - GENERAL CONTRACTOR/TPO ROOFING SUBCONTRACTOR TO SIZE/SPACE INTERNAL ROOF DRAINS AS REQUIRED TO MEET LOCAL REQUIREMENTS. SECONDARY ROOF DRAINS TO BE PROVIDED. GENERAL CONTRACTOR TO COORDINATE CONNECTION TO UNDERGROUND STORM DRAIN.
 - GENERAL CONTRACTOR IS TO SUBMIT ALL SAMPLES OF PRODUCTS, ETC. TO OWNER FOR APPROVAL/SELECTION OF ALL COLORS, FINISHES, ETC. PRIOR TO PURCHASE AND INSTALLATION
 - ALL EXTERIOR WALL DIMENSIONS ARE TO FOUNDATION (INCL. LUG) UNLESS NOTED OTHERWISE. 3RD FLOOR EXTERIOR WALL DIMENSIONS ARE TO FINISH MATERIAL. ALL INTERIOR DIMENSIONS ARE TO OUTER FACE OF MATERIAL USED UNLESS NOTED OTHERWISE.
 - NOT USED.
 - PROVIDE & INSTALL FIRE EXTINGUISHERS (FE) WALL CABINETS. RECESS CABINETS @ 48" A.F.F. RECESSED, FLUSH WITH WALL AT ALL INTERIOR APPLICATIONS. MOUNT TO PIERS, 48" A.F.F. IN HEAVY DUTY OUTDOORS FIRE EXTINGUISHER CABINET AT ALL EXTERIOR APPLICATIONS. LOCATE ONE CLASS 2-A FIRE EXTINGUISHER SO THAT MAX. TRAVEL DISTANCE IS 75 L.F. W/ A MINIMUM OF 1 FOR EVERY 11,250 S.F. PER TABLE 906.3(1) OF THE 2015 INTERNATIONAL FIRE CODE OR AS DIRECTED BY LOCAL AUTHORITIES HAVING JURISDICTION. (KEYED ON FLOOR PLANS) FURR OUT WALL AT FE LOCATIONS W/ 6" METAL STUDS AND METAL WALL PANEL EACH SIDE.
 - FLOOR FINISH CONCRETE TO BE POLISHED CONCRETE IN CORRIDORS ONLY. (EXCLUDING STORAGE UNITS)
 - BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6
 - FURR OUT WALL IN ELECTRICAL ROOMS TO RECESS ELECTRICAL PANEL.
 - ALL INTERIOR CMU TO BE PAINTED SW PRO CLASSIC B31 SERIES PAINT EXCLUDING INSIDE OF INDIVIDUAL STORAGE UNITS. ALL CMU INSIDE INDIVIDUAL STORAGE UNITS NOT TO BE PAINTED OR SEALED.
 - FIRE RISER ROOM TO HAVE 1 HR FIRE-RATED WALLS AND CEILING. REFER UL FIRE-RATED ASSEMBLIES, SHEET A1-3
 - GENERAL CONTRACTOR TO COORDINATE STANDPIPE/FIRE SPRINKLER DESIGN WITH ROOM SIZE AND CONFIGURATION.

SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF SPACES REQUIRED TO BE ACCESSIBLE
1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
INDIVIDUAL SELF-SERVICE STORAGE SPACES SHALL BE DISPERSED THROUGHOUT THE VARIOUS CLASSES OF SPACES PROVIDED. WHERE MORE CLASSES OF SPACES ARE PROVIDED THAN THE NUMBER REQUIRED TO BE ACCESSIBLE, THE NUMBER OF SPACES SHALL NOT BE REQUIRED TO EXCEED THAT REQUIRED BY TABLE 225.3. SELF-SERVICE STORAGE SPACES COMPLYING WITH TABLE 225.3 SHALL NOT BE REQUIRED TO BE DISPERSED AMONG BUILDINGS IN A MULTI-BUILDING FACILITY.	
ACCESSIBLE UNITS MUST MEET THE FOLLOWING CRITERIA:	
403.3 ACCESSIBLE ROUTE	THE RUNNING SLOPE OF WALKING SURFACES NOT STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
404.2.5 THRESHOLDS	1/2" HIGH MAXIMUM
404.2.7 DOOR HARDWARE	OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISHED FLOOR OR GROUND
404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS:	
590 UNITS	
-200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



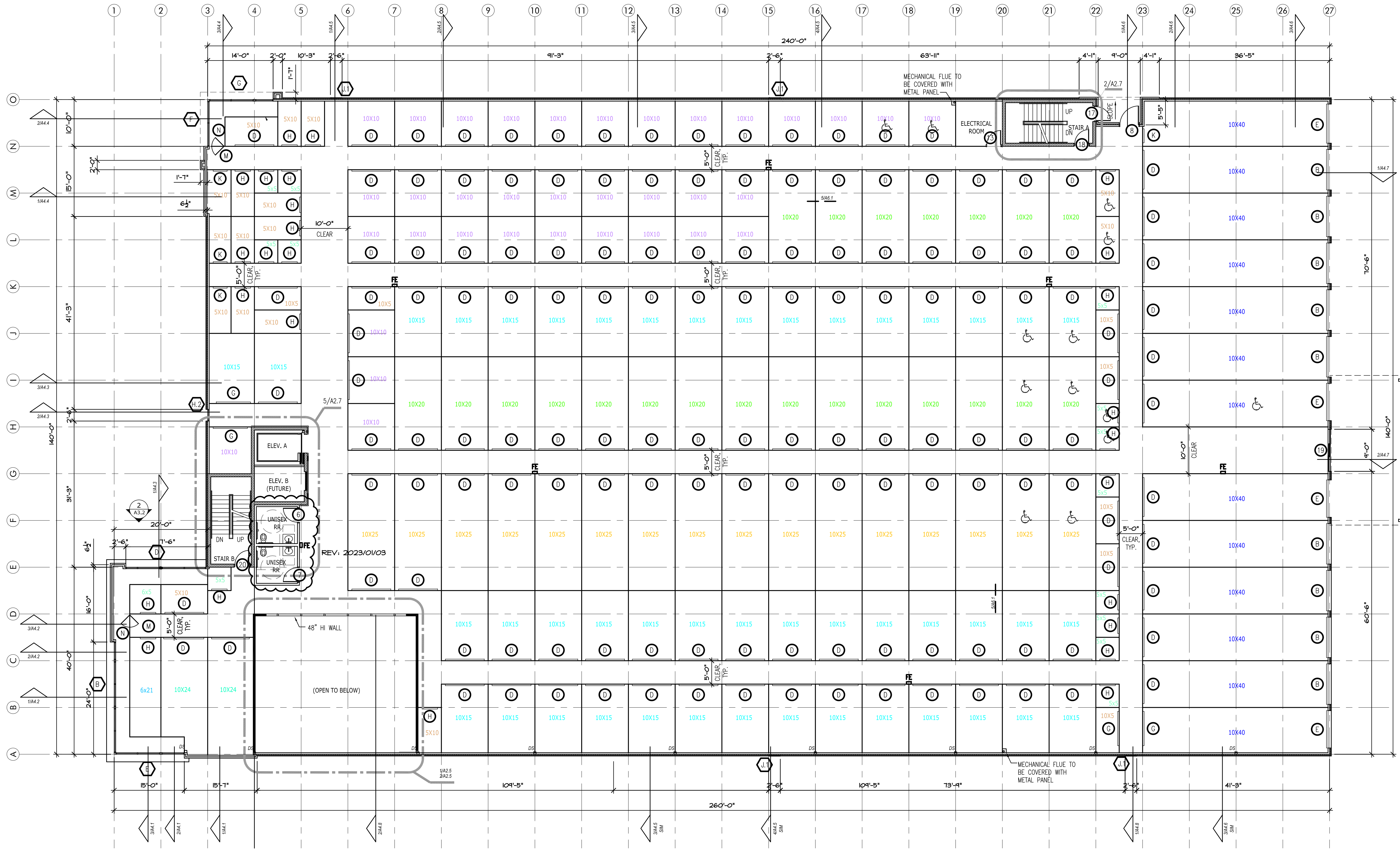
Hernly
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2ND STORY PLAN

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions: 2023/01/03

A2.2



PLAN NORTH

FLOOR PLAN LEGEND

	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER DETAIL 5/A6.1
	INSULATED METAL WALL PANEL -REF. ELEVATIONS SHEET FOR EXTENTS OF EXTERIOR FINISHES.
	GYP. BD. ON METAL STUD FRAMING -REFER PARTITION TYPES, SHEET A6.1
	1-HOUR FIRE-RATED WALL @ STAIRS, ELEVATOR, AND FIRE RISER ROOM
	8" CONCRETE STEM WALL
	INSULATED METAL PARTITION SYSTEM REFER TO DETAIL SHEET 4/A6.1

GENERAL NOTES (TYPICAL ALL SHEETS)

- INTERIOR AND EXTERIOR STORAGE UNIT SIGNAGE TO BE APPROVED BY OWNER. SIGNAGE TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
- GENERAL CONTRACTOR TO COORDINATE ALL FOUNDATION PENETRATIONS WITH STRUCTURAL ENGINEER.
- ROOF PANELS TO BE 60 MIL TPO ROOF TO MEET LOCAL WIND LOAD REQUIREMENTS ENGINEERED BY METAL BUILDING MANUFACTURER.
- GENERAL CONTRACTOR/TPO ROOFING SUBCONTRACTOR TO SIZE/SPACE INTERNAL ROOF DRAINS AS REQUIRED TO MEET LOCAL REQUIREMENTS. SECONDARY ROOF DRAINS TO BE PROVIDED. GENERAL CONTRACTOR TO COORDINATE CONNECTION TO UNDERGROUND STORM DRAIN.
- GENERAL CONTRACTOR IS TO SUBMIT ALL SAMPLES OF PRODUCTS, ETC. TO OWNER FOR APPROVAL/ SELECTION OF ALL COLORS, FINISHES, ETC. PRIOR TO PURCHASE AND INSTALLATION
- ALL EXTERIOR WALL DIMENSIONS ARE TO FOUNDATION (INCL. LUG) UNLESS NOTED OTHERWISE. 3RD FLOOR EXTERIOR WALL DIMENSIONS ARE TO FINISH MATERIAL. ALL INTERIOR DIMENSIONS ARE TO OUTER FACE OF MATERIAL USED UNLESS NOTED OTHERWISE.
- NOT USED.
- PROVIDE & INSTALL FIRE EXTINGUISHERS (FE) WALL CABINETS. RECESS CABINETS @ 48" A.F.F. RECESSED, FLUSH WITH WALL AT ALL INTERIOR APPLICATIONS. MOUNT TO PIERS, 48" A.F.F. IN HEAVY DUTY OUTDOORS FIRE EXTINGUISHER CABINET AT ALL EXTERIOR APPLICATIONS. LOCATE ONE CLASS 2-A FIRE EXTINGUISHER SO THAT MAX. TRAVEL DISTANCE IS 75 L.F. W/ A MINIMUM OF 1 FOR EVERY 11,250 S.F. PER TABLE 906.3(1) OF THE 2015 INTERNATIONAL FIRE CODE OR AS DIRECTED BY LOCAL AUTHORITIES HAVING JURISDICTION. (KEYED ON FLOOR PLANS) FURR OUT WALL AT FE LOCATIONS W/ 6" METAL STUDS AND METAL WALL PANEL EACH SIDE.
- FLOOR FINISH CONCRETE TO BE POLISHED CONCRETE IN CORRIDORS ONLY. (EXCLUDING STORAGE UNITS)
- BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6
- FURR OUT WALL IN ELECTRICAL ROOMS TO RECESS ELECTRICAL PANEL.
- ALL INTERIOR CMU TO BE PAINTED SW PRO CLASSIC B31 SERIES PAINT EXCLUDING INSIDE OF INDIVIDUAL STORAGE UNITS. ALL CMU INSIDE INDIVIDUAL STORAGE UNITS NOT TO BE PAINTED OR SEALED.
- FIRE-RISER ROOM TO HAVE 1-HR FIRE-RATED WALLS AND CEILING-REFER UL-FIRE-RATED ASSEMBLIES- SHEET A1-3
- GENERAL CONTRACTOR TO COORDINATE STANDPIPE/FIRE SPRINKLER DESIGN WITH ROOM SIZE AND CONFIGURATION.

SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF SPACES REQUIRED TO BE ACCESSIBLE
1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
INDIVIDUAL SELF-SERVICE STORAGE SPACES SHALL BE DISPERSED THROUGHOUT THE VARIOUS CLASSES OF SPACES PROVIDED. WHERE MORE CLASSES OF SPACES ARE PROVIDED THAN THE NUMBER REQUIRED TO BE ACCESSIBLE, THE NUMBER OF SPACES SHALL NOT BE REQUIRED TO EXCEED THAT REQUIRED BY TABLE 225.3. SELF-SERVICE STORAGE SPACES COMPLYING WITH TABLE 225.3 SHALL NOT BE REQUIRED TO BE DISPERSED AMONG BUILDINGS IN A MULTI-BUILDING FACILITY.	
ACCESSIBLE UNITS MUST MEET THE FOLLOWING CRITERIA:	
403.3 ACCESSIBLE ROUTE	THE RUNNING SLOPE OF WALKING SURFACES NOT STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
404.2.5 THRESHOLDS	1/2" HIGH MAXIMUM
404.2.7 DOOR HARDWARE	OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISHED FLOOR OR GROUND
404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS:	
590 UNITS	
-200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	

1 SECOND STORY PLAN

3/32" = 1'-0"



LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



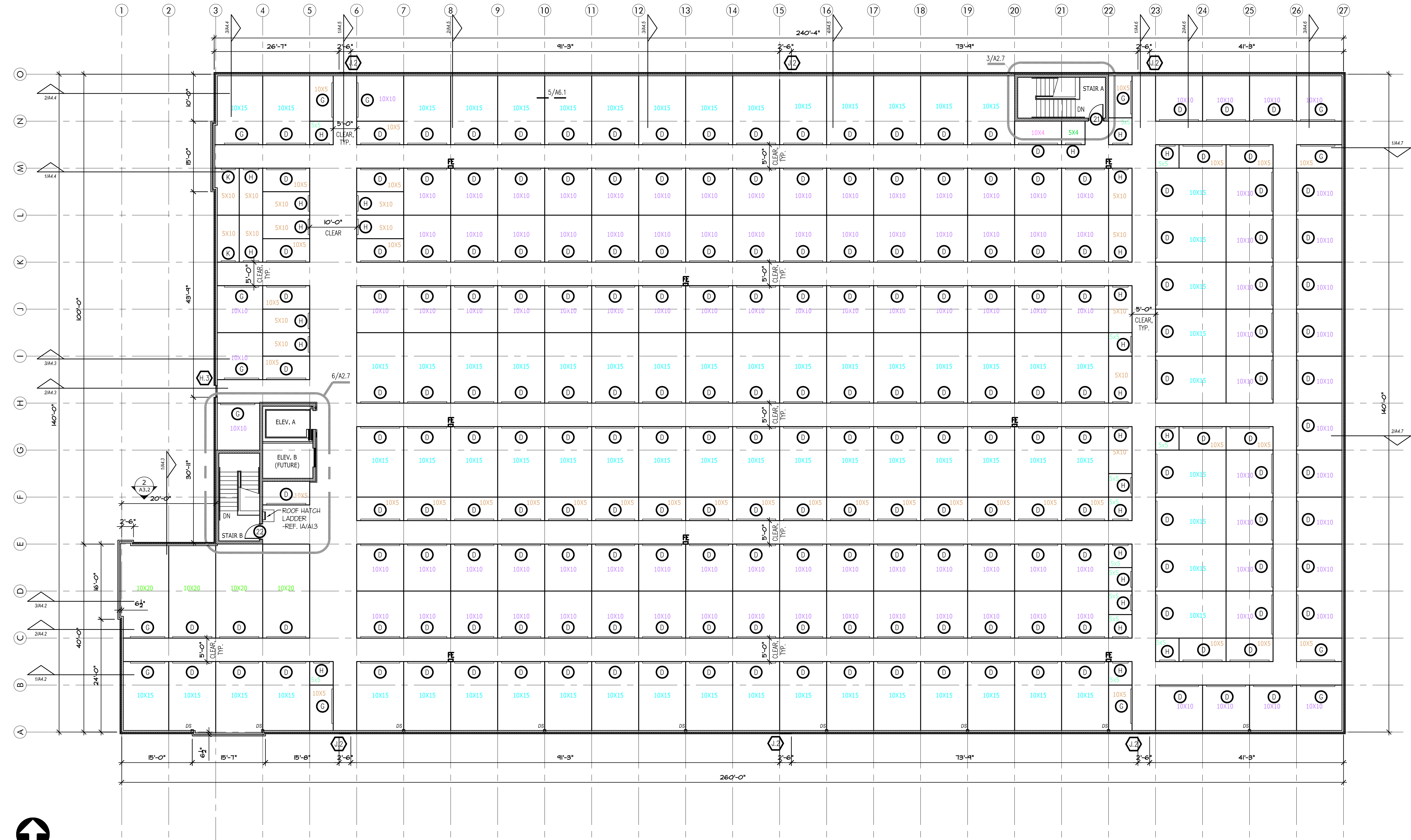
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3RD STORY PLAN

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions: 2023/06/08

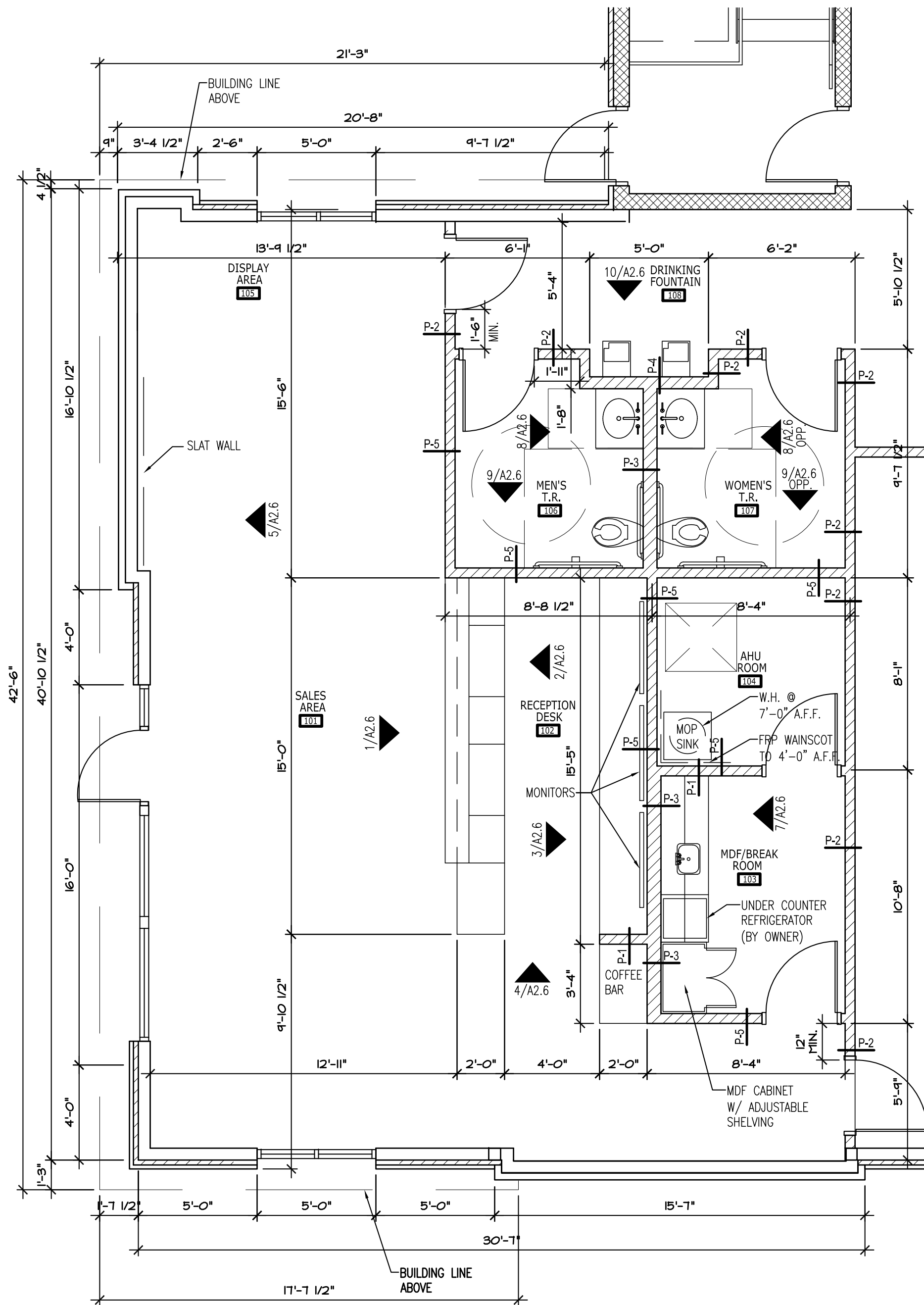
A2.3







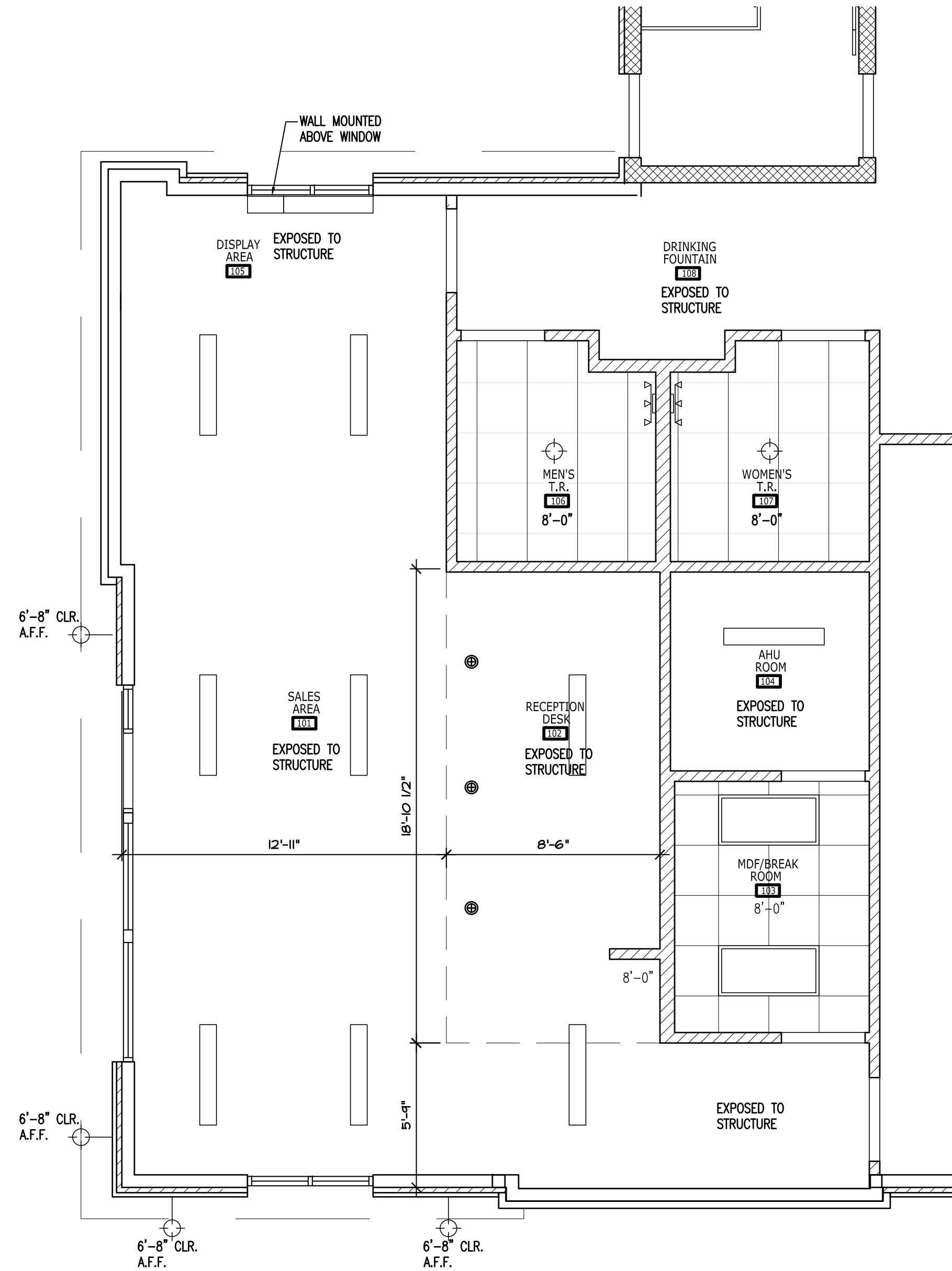
FLOOR PLAN LEGEND		GENERAL NOTES (TYPICAL ALL SHEETS)	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER DETAIL 5/A6.1	1. INTERIOR AND EXTERIOR STORAGE UNIT SIGNAGE TO BE APPROVED BY OWNER. SIGNAGE TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.	8. PROVIDE & INSTALL FIRE EXTINGUISHERS (FE) WALL CABINETS. RECESS CABINETS @ 48" A.F.F. RECESSED, FLUSH WITH WALL AT ALL INTERIOR APPLICATIONS. MOUNT TO PIERS, 48" A.F.F. IN HEAVY DUTY OUTDOORS FIRE EXTINGUISHER CABINET AT ALL EXTERIOR APPLICATIONS. LOCATE ONE CLASS 2-A FIRE EXTINGUISHER SO THAT MAX. TRAVEL DISTANCE IS 75 L.F. W/ A MINIMUM OF 1 FOR EVERY 11,250 S.F. PER TABLE 905.3(1) OF THE 2015 INTERNATIONAL FIRE CODE OR AS DIRECTED BY LOCAL AUTHORITIES HAVING JURISDICTION. (KEYED ON FLOOR PLANS) FURR OUT WALL AT FE LOCATIONS W/ 6" METAL STUDS AND METAL WALL PANEL EACH SIDE.
	INSULATED METAL WALL PANEL -REF. ELEVATIONS SHEET FOR EXTENTS OF EXTERIOR FINISHES.	2. GENERAL CONTRACTOR TO COORDINATE ALL FOUNDATION PENETRATIONS WITH STRUCTURAL ENGINEER.	9. FLOOR FINISH CONCRETE TO BE POLISHED CONCRETE IN CORRIDORS ONLY. (EXCLUDING STORAGE UNITS)
	GYP. BD. ON METAL STUD FRAMING -REFER PARTITION TYPES, SHEET A6.1	3. ROOF PANELS TO BE 60 MIL TPO ROOF TO MEET LOCAL WIND LOAD REQUIREMENTS ENGINEERED BY METAL BUILDING MANUFACTURER.	10. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6
	1-HOUR FIRE-RATED WALL @ STAIRS, ELEVATOR, AND FIRE RISER ROOM	4. GENERAL CONTRACTOR/TPO ROOFING SUBCONTRACTOR TO SIZE/SPACE INTERNAL ROOF DRAINS AS REQUIRED TO MEET LOCAL REQUIREMENTS. SECONDARY ROOF DRAINS TO BE PROVIDED. GENERAL CONTRACTOR TO COORDINATE CONNECTION TO UNDERGROUND STORM DRAIN.	11. FURR OUT WALL IN ELECTRICAL ROOMS TO RECESS ELECTRICAL PANEL.
	8" CONCRETE STEM WALL	5. GENERAL CONTRACTOR IS TO SUBMIT ALL SAMPLES OF PRODUCTS, ETC. TO OWNER FOR APPROVAL/ SELECTION OF ALL COLORS, FINISHES, ETC. PRIOR TO PURCHASE AND INSTALLATION	12. ALL INTERIOR CMU TO BE PAINTED SW PRO CLASSIC B31 SERIES PAINT EXCLUDING INSIDE OF INDIVIDUAL STORAGE UNITS. ALL CMU INSIDE INDIVIDUAL STORAGE UNITS NOT TO BE PAINTED OR SEALED.
	INSULATED METAL PARTITION SYSTEM REFER TO DETAIL SHEET 4/A6.1	6. ALL EXTERIOR WALL DIMENSIONS ARE TO FOUNDATION (INCL. LUG) UNLESS NOTED OTHERWISE. 3RD FLOOR EXTERIOR WALL DIMENSIONS ARE TO FINISH MATERIAL. ALL INTERIOR DIMENSIONS ARE TO OUTER FACE OF MATERIAL USED UNLESS NOTED OTHERWISE.	13. FIRE-RISER ROOM TO HAVE 1-HR FIRE-RATED WALLS AND CEILING. REFER UL-FIRE-RATED ASSEMBLIES, SHEET A1.3
		7. NOT USED.	14. GENERAL CONTRACTOR TO COORDINATE STANDPIPE/FIRE SPRINKLER DESIGN WITH ROOM SIZE AND CONFIGURATION.

SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
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PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS:	
590 UNITS	
200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	

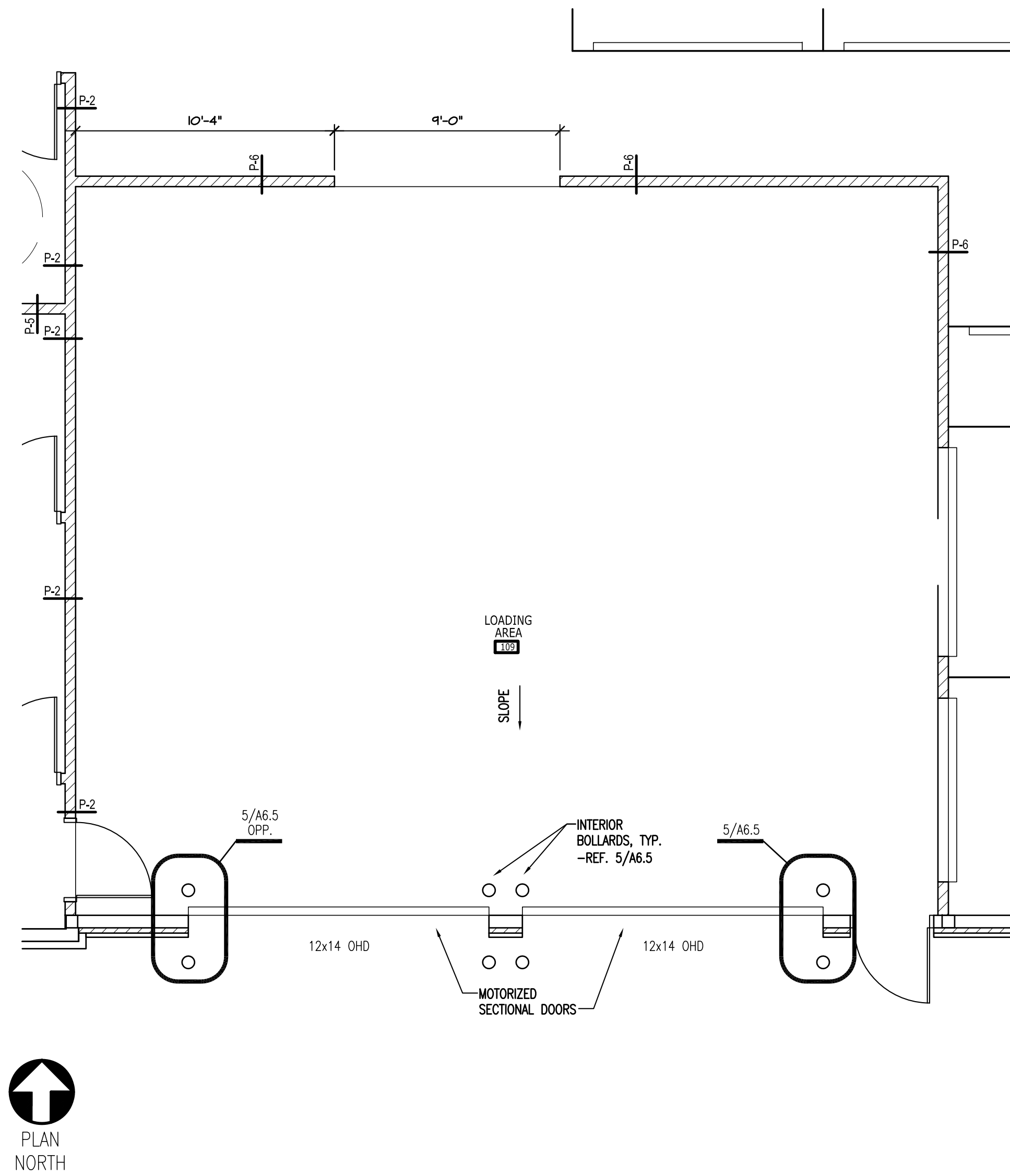
1 THIRD STORY PLAN
3/32" = 1'-0"







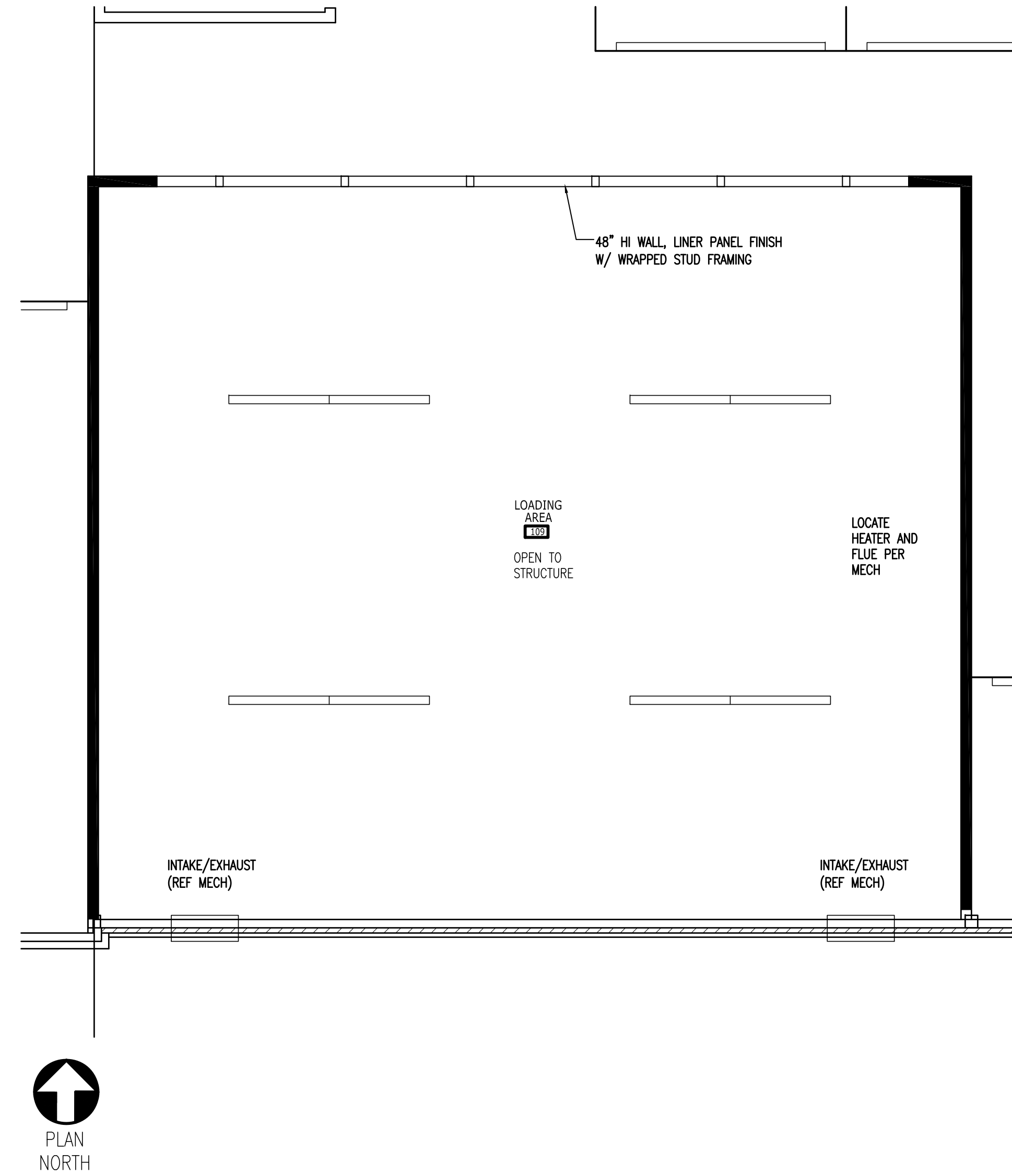
ENLARGED FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER CORRUGATED HALLWAY SYSTEM A6.1
	METAL STUD WALL FRAMING
	INTERIOR METAL STUD WALL FRAMING -REFER PARTITION TYPES SHEET A6.1
	4" STRIPES PAINTED ON PAVING @ 2'-0" O.C. COLOR: SAFETY YELLOW
GENERAL NOTES	
1. REFERENCE SHEET A6.1 FOR PARTITION TYPES (P-#)	
2. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6	



REFLECTED CEILING PLAN LEGEND			
	SUSPENDED PAINTED GYP. BD. CEILING		EXTERIOR WALL SCONCE -WALL MOUNTED
	2' X 2' OPEN GRID CEILING		VANITY LIGHT
	4' LED LIGHT		PENDANT LIGHT
	2' X 4' LED LIGHT -RECESSED		LARGE PENDANT LIGHT
	RECESSED LIGHT		MEP DIFFUSER
NOTES: 1. REFER MEP FOR FIXTURE SPECIFICATIONS. 2. COORDINATE LIGHT FIXTURES AND MECHANICAL SUPPLY/RETURN PRIOR TO INSTALLATION. 3. PAINT UNDERSIDE OF FLOOR DECK, EXPOSED STRUCTURE AND DUCTS IN OFFICE WHERE VISIBLE. (CALL OUT PT COLOR ON A7.1)			



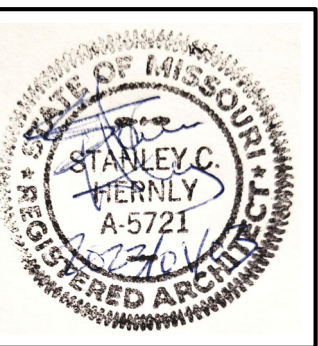
ENLARGED FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER CORRUGATED HALLWAY SYSTEM A6.1
	METAL STUD WALL FRAMING
	INTERIOR METAL STUD WALL FRAMING -REFER PARTITION TYPES SHEET A6.1
	4" STRIPES PAINTED ON PAVING @ 2'-0" O.C. COLOR: SAFETY YELLOW
GENERAL NOTES	
1. REFERENCE SHEET A6.1 FOR PARTITION TYPES (P-#)	
2. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6	



REFLECTED CEILING PLAN LEGEND			
	SUSPENDED PAINTED GYP. BD. CEILING		EXTERIOR WALL SCONCE -WALL MOUNTED
	2' X 2' OPEN GRID CEILING		VANITY LIGHT
	4' LED LIGHT		PENDANT LIGHT
	2' X 4' LED LIGHT -RECESSED		LARGE PENDANT LIGHT
	RECESSED LIGHT		MEP DIFFUSER
NOTES: 1. REFER MEP FOR FIXTURE SPECIFICATIONS. 2. COORDINATE LIGHT FIXTURES AND MECHANICAL SUPPLY/RETURN PRIOR TO INSTALLATION. 3. PAINT UNDERSIDE OF FLOOR DECK, EXPOSED STRUCTURE AND DUCTS IN OFFICE WHERE VISIBLE. (CALL OUT PT COLOR ON A7.1)			



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



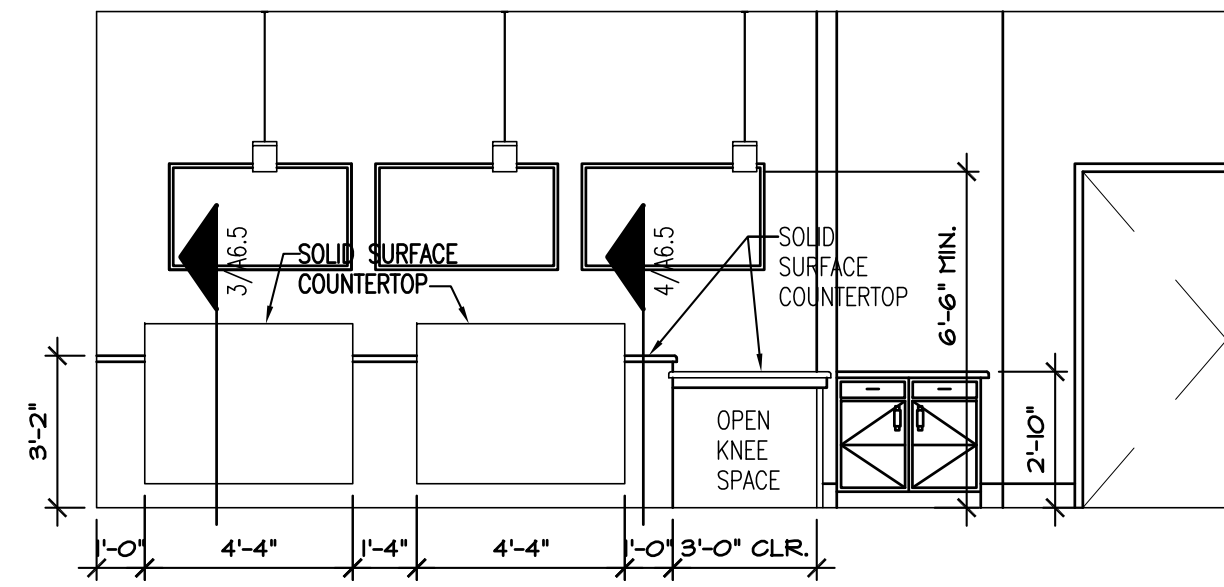
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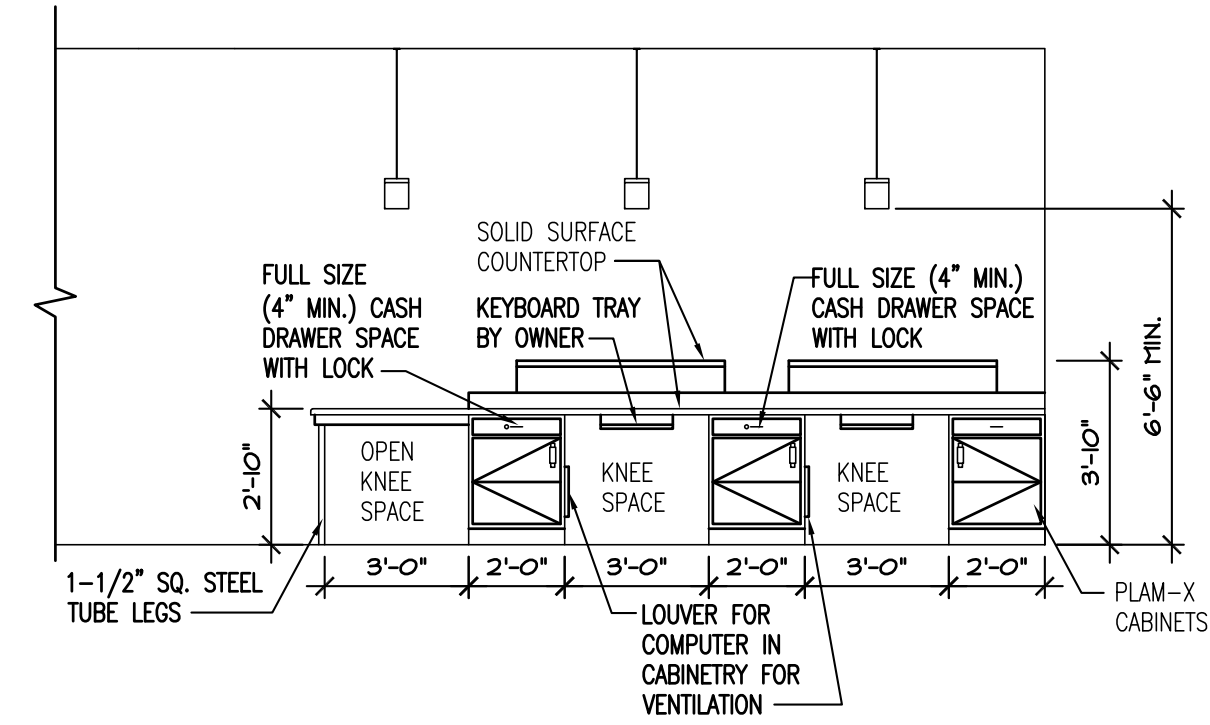
INTERIOR ELEVATIONS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions: 2023/01/09

A2.6

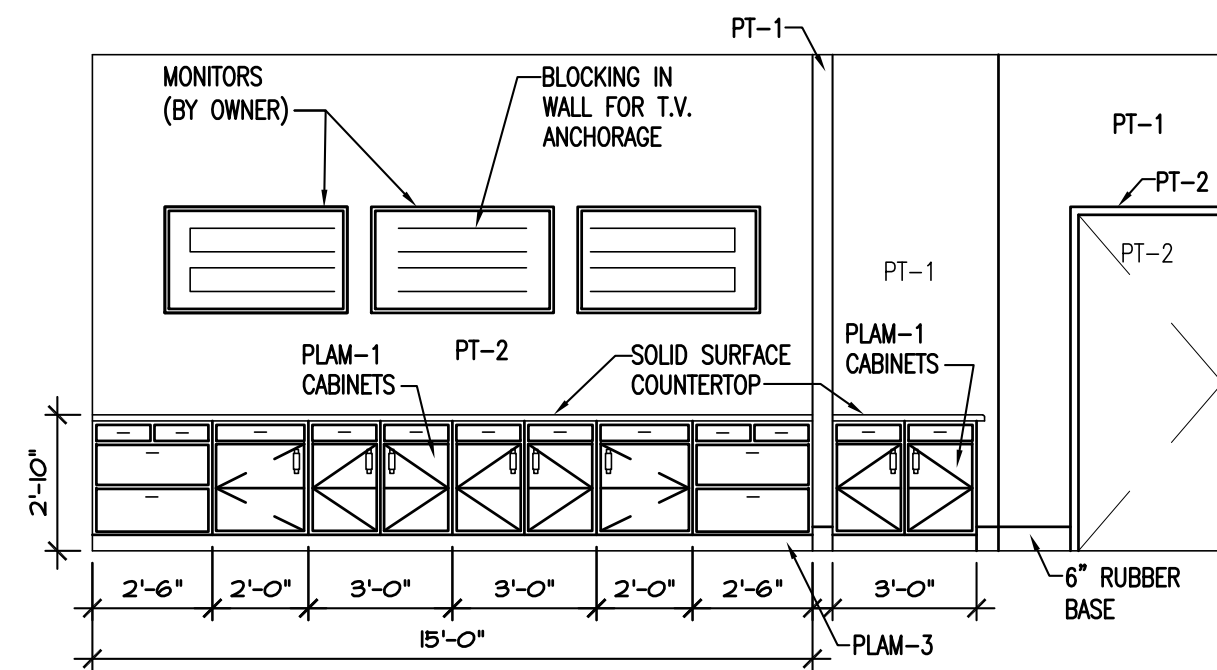


1 RECEPTION DESK ELEVATION
SCALE: 1/4" = 1'-0"



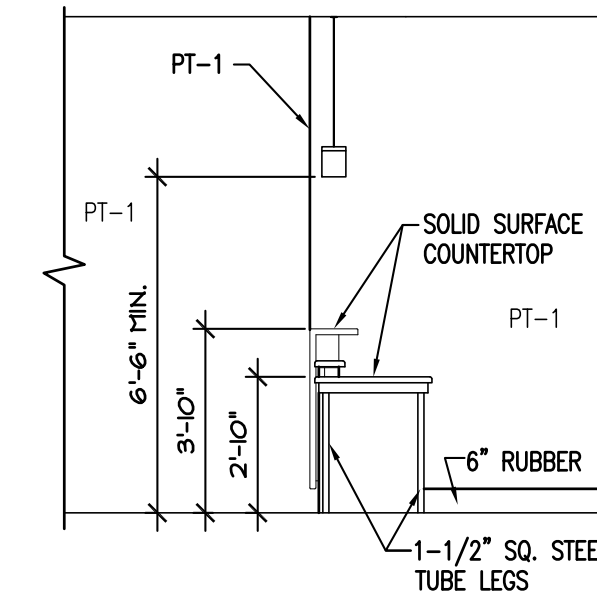
2 RECEPTION DESK ELEVATION

SCALE: 1/4" = 1'-0"

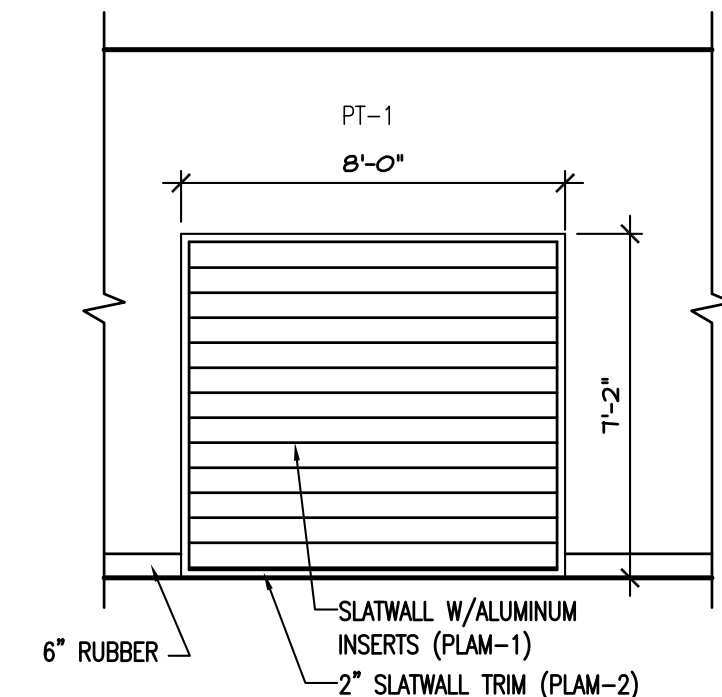


3 MONITOR WALL ELEVATION

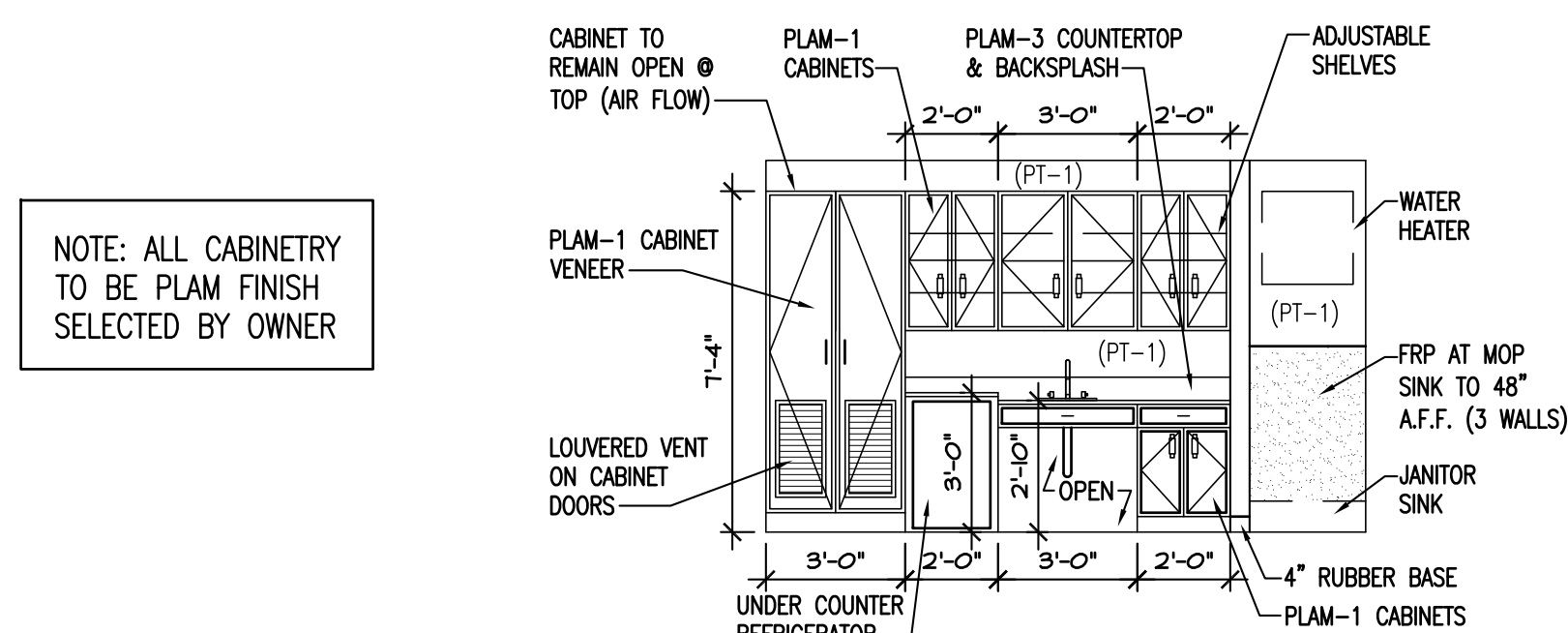
SCALE: 1/4" = 1'-0"



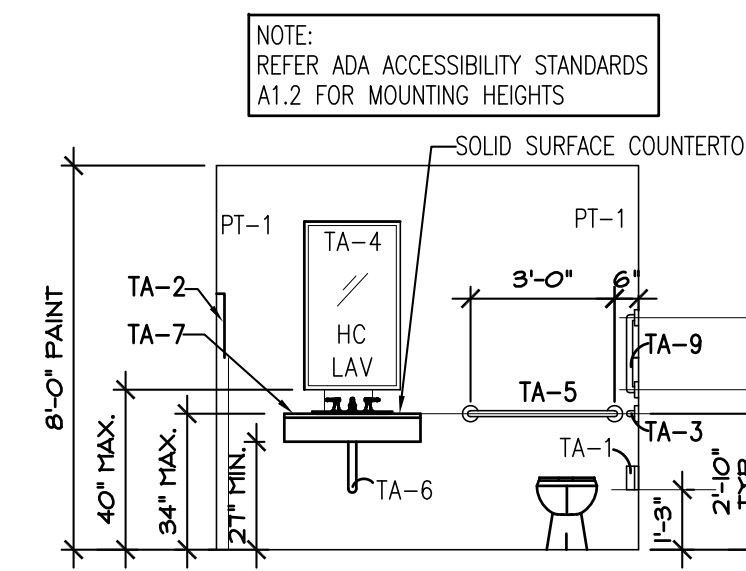
4 RECEPTION DESK ELEVATION
SCALE: 1/4" = 1'-0"



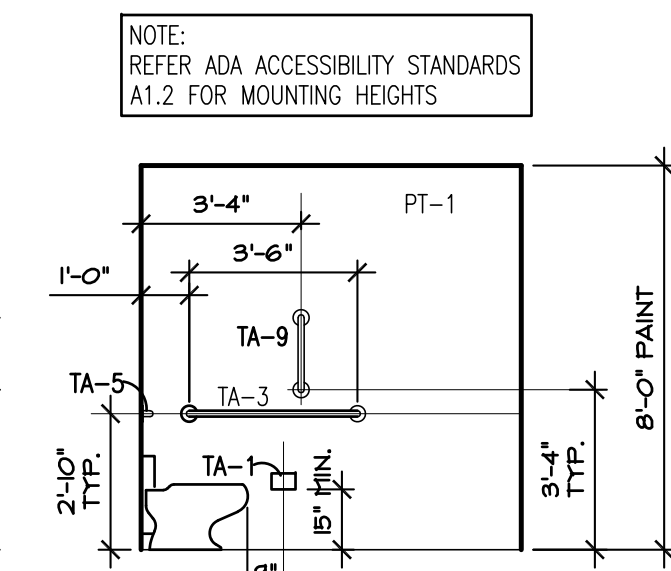
5 SLAT WALL ELEVATION
SCALE: 1/4" = 1'-0"



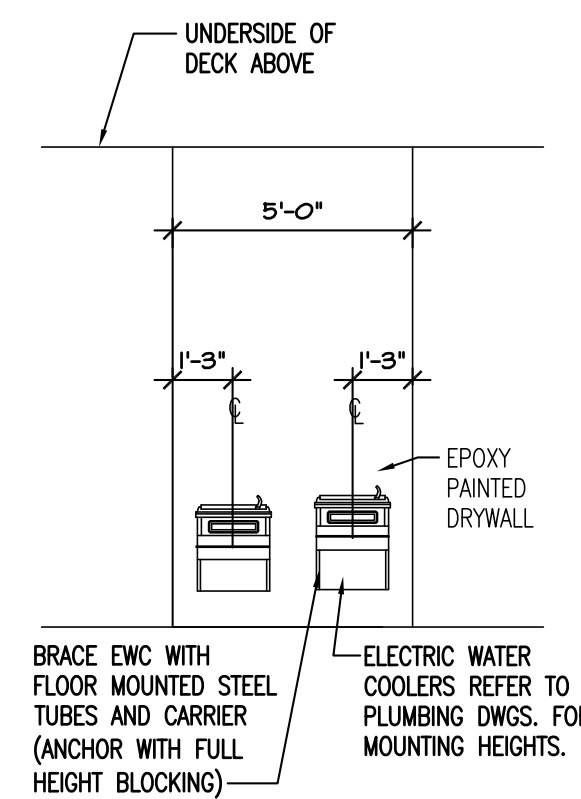
7 MDF/BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



8 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



9 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



10 DRINKING FOUNTAIN ELEVATION
SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES		
MARK	ITEM	HEIGHT
TA-1	TOILET TISSUE DISPENSER	19" CL
TA-2	HAND DRYERS	48" MAX.
TA-3	42" HORIZONTAL GRAB BAR	34" CL
TA-4	MIRROR	40"
TA-5	36" HORIZONTAL GRAB BAR	34" CL
TA-6	LAVATORY PIPING INSULATION	N/A
TA-7	FEMININE NAPKIN DISPOSAL	48" MAX.
TA-8	SOAP DISPENSER	44" MAX.
TA-9	18" VERTICAL GRAB BAR	40" CL

NOTES

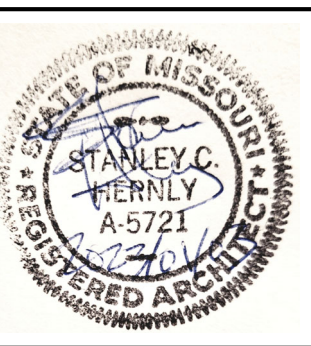
1. FOR CONTROLS OR REACH, HEIGHT IS MAX.
2. FOR MIRRORS, HEIGHT IS TO BOTTOM OF REFLECTIVE EDGE.
3. FOR GRAB BARS, HEIGHT IS TO CENTER OF HORIZONTAL BAR.
4. ALL DESIGN MUST COMPLY W/ LOCAL AMERICAN'S W/DISABILITIES ACT
- REF. SHEET A2.6
5. BLOCKING FOR ACCESSORIES BY GENERAL CONTRACTOR
6. SOAP DISPENSER TO BE INSTALLED OVER COUNTERTOP

INTERIOR ELEVATIONS

$$1/4'' = 1'-0''$$



LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



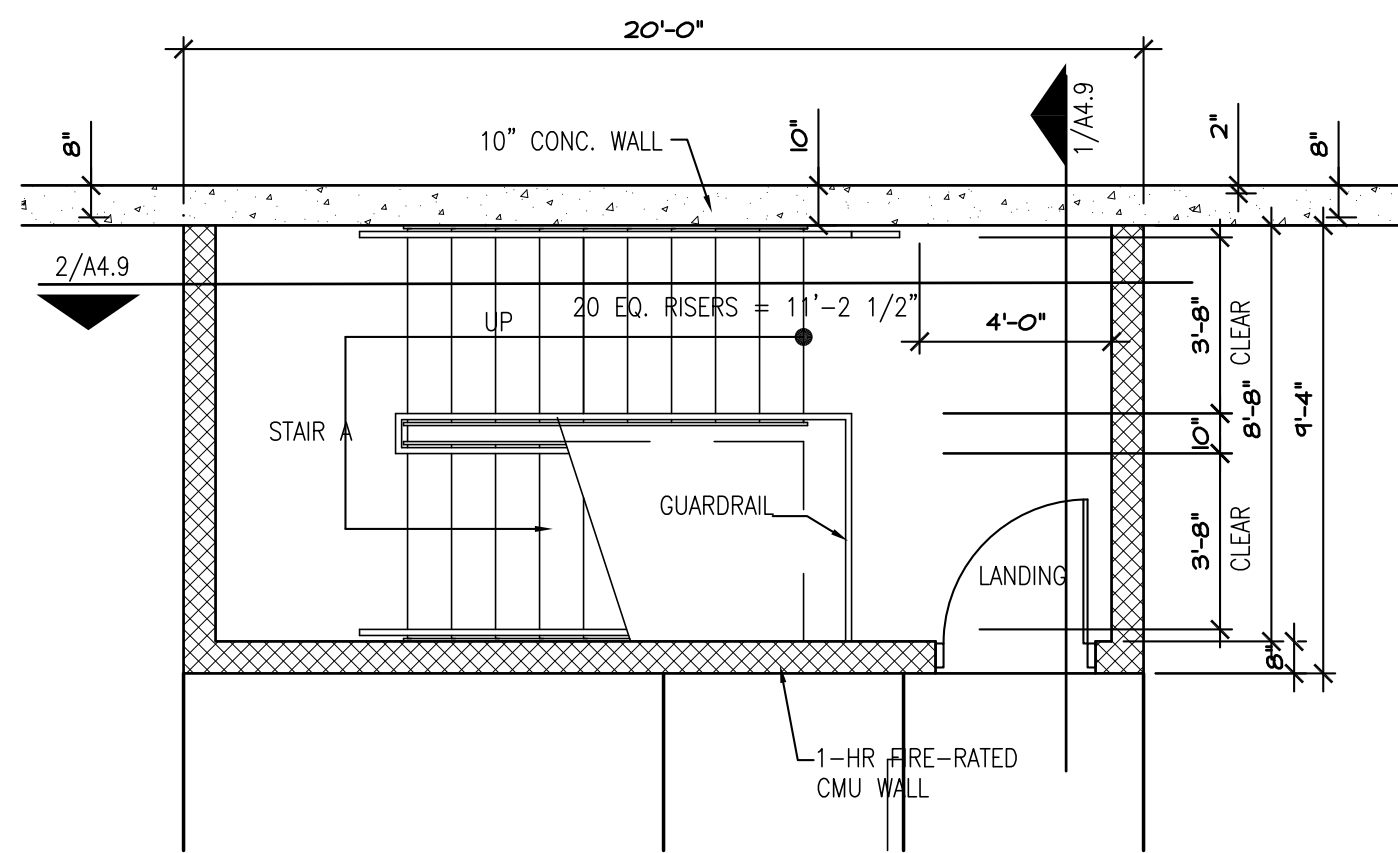
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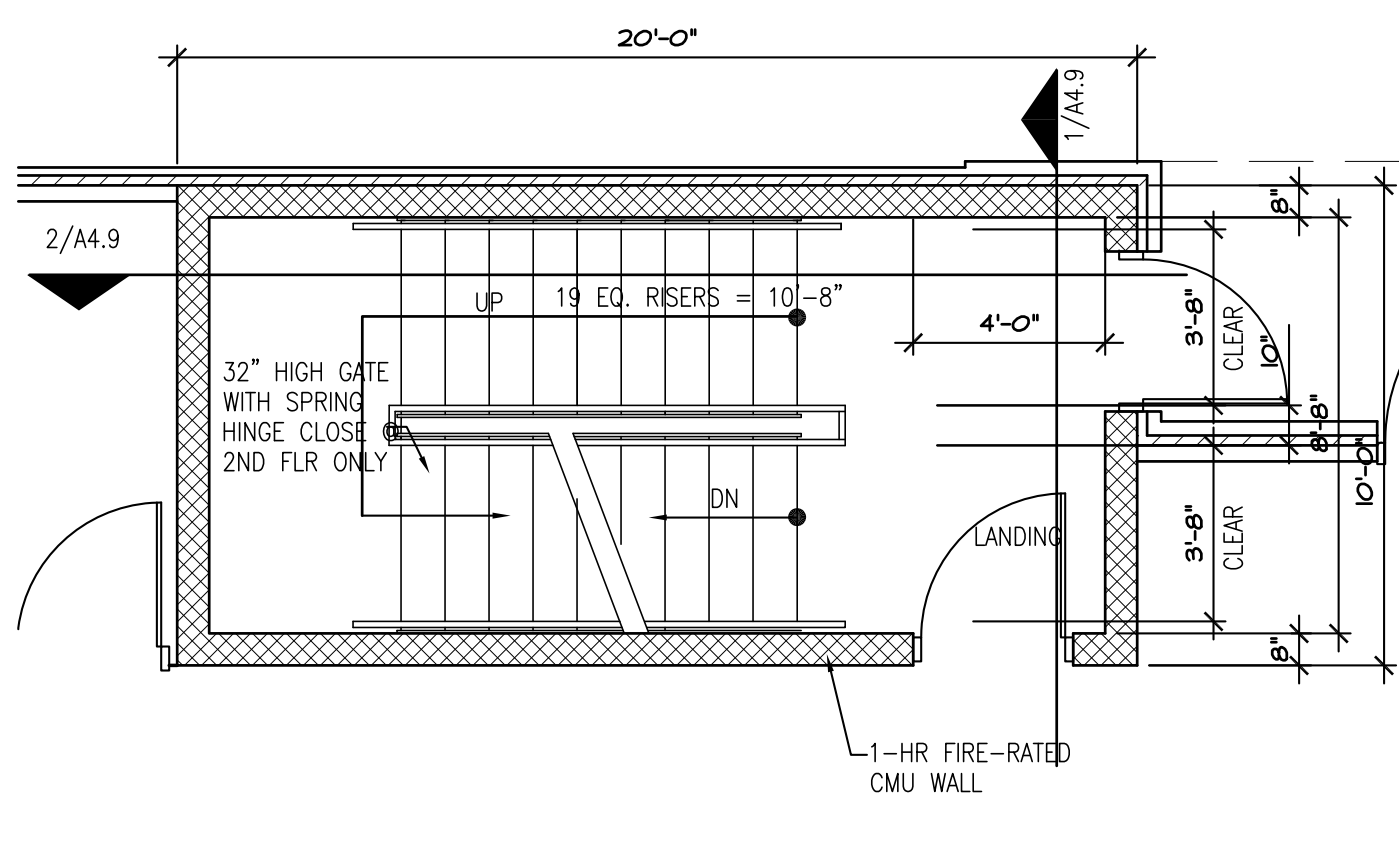
PLAN DETAILS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions: 2023/01/03

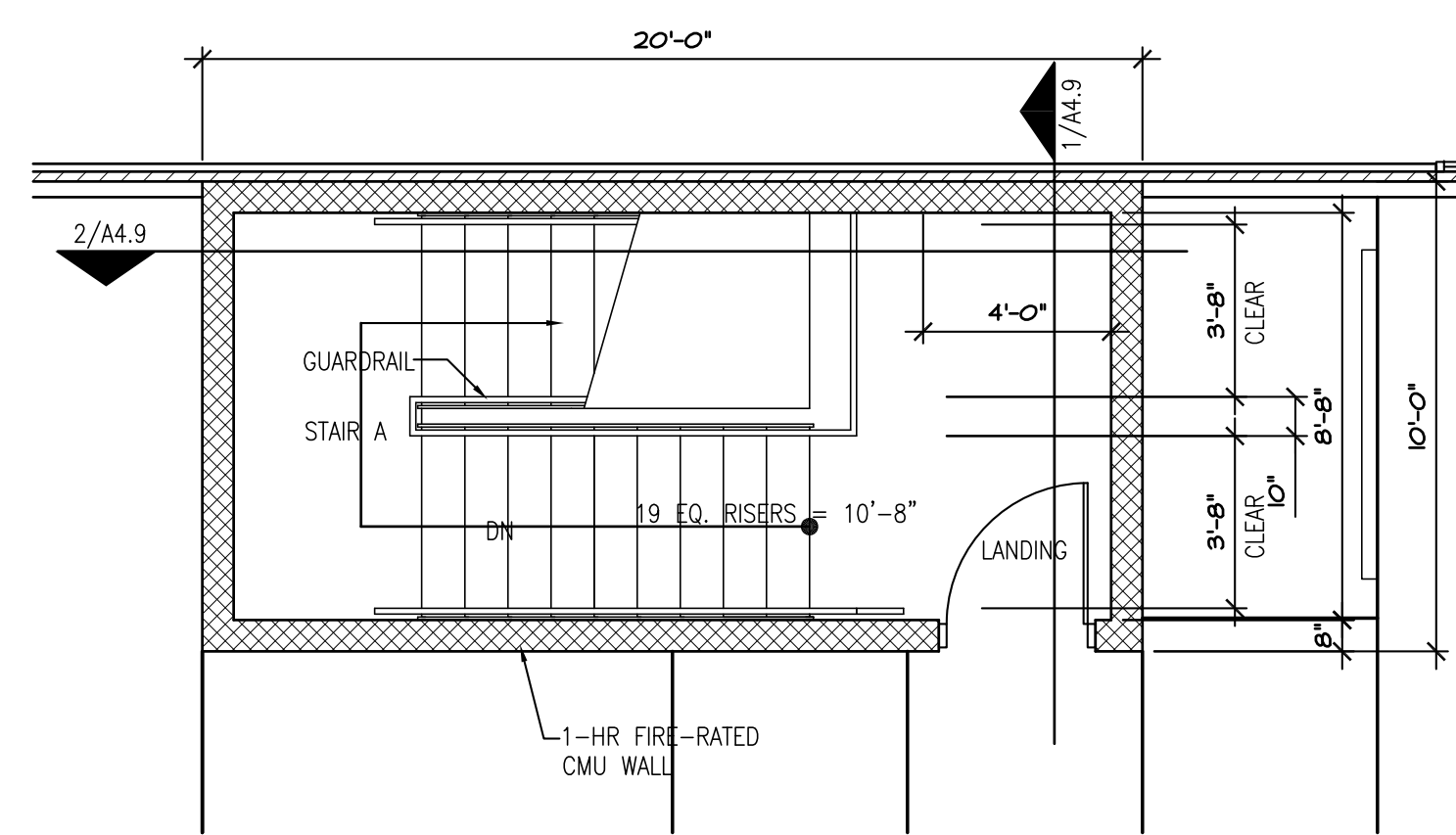
A2.7



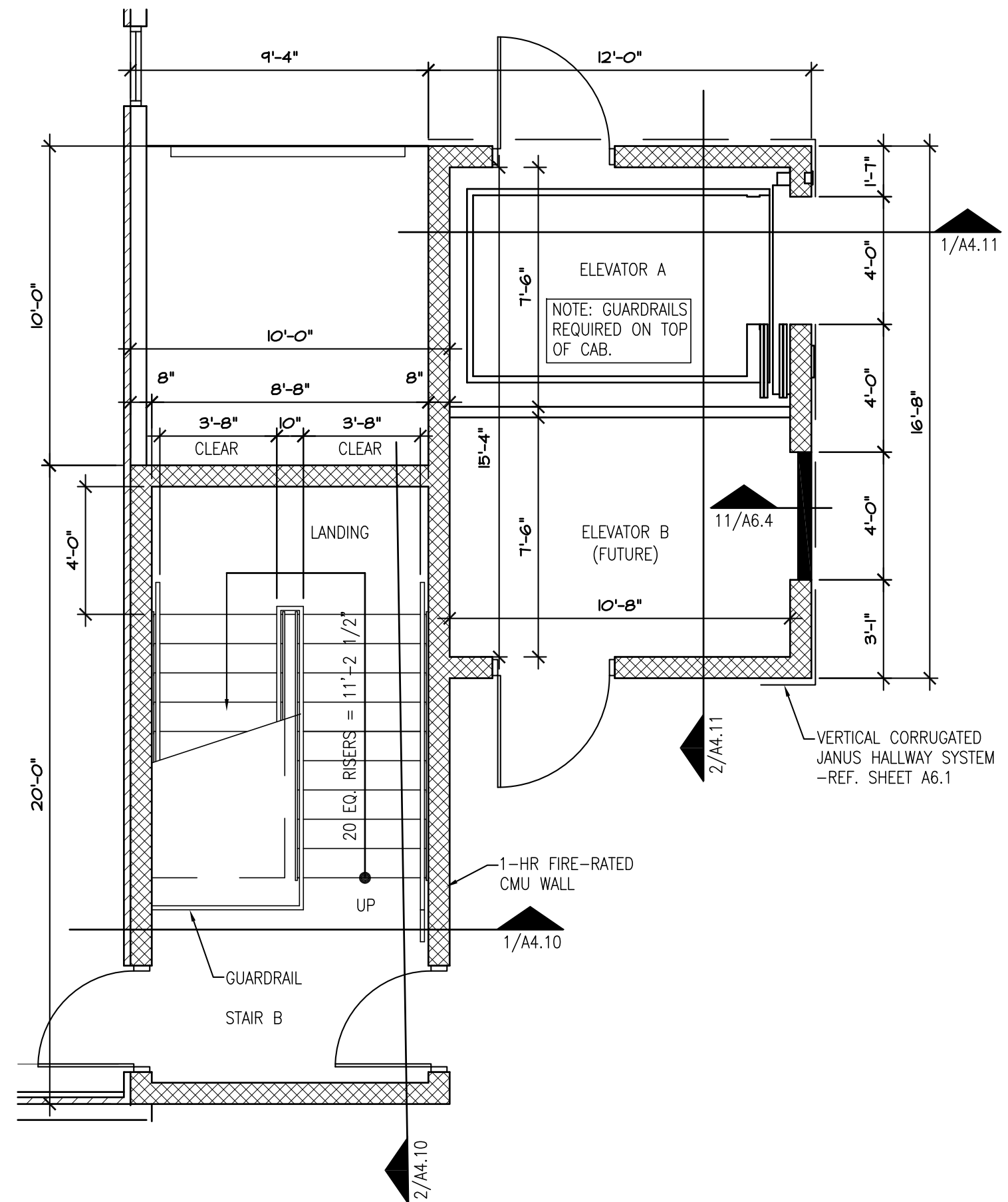
1 1ST FLOOR - STAIR A
1/4" = 1'-0"



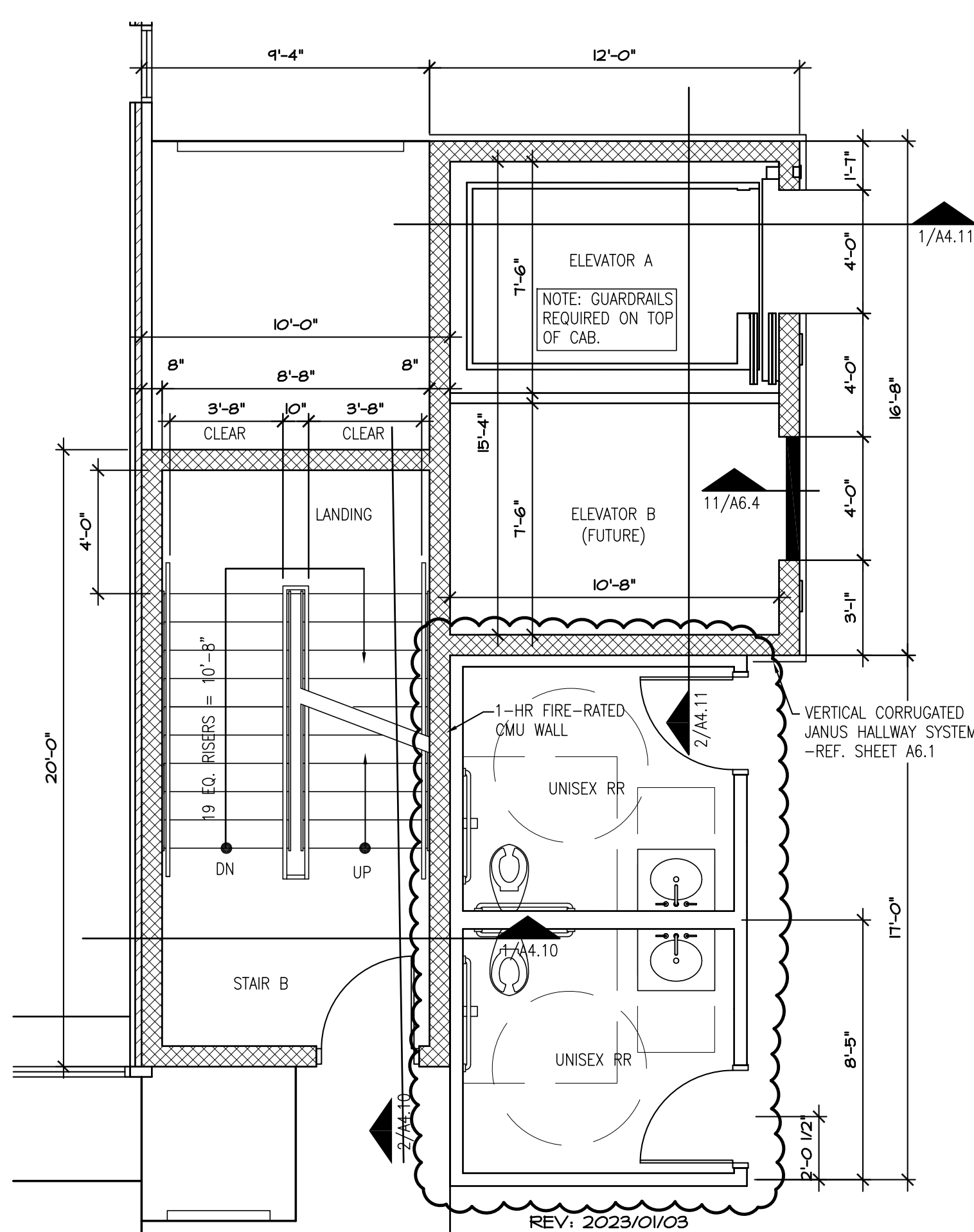
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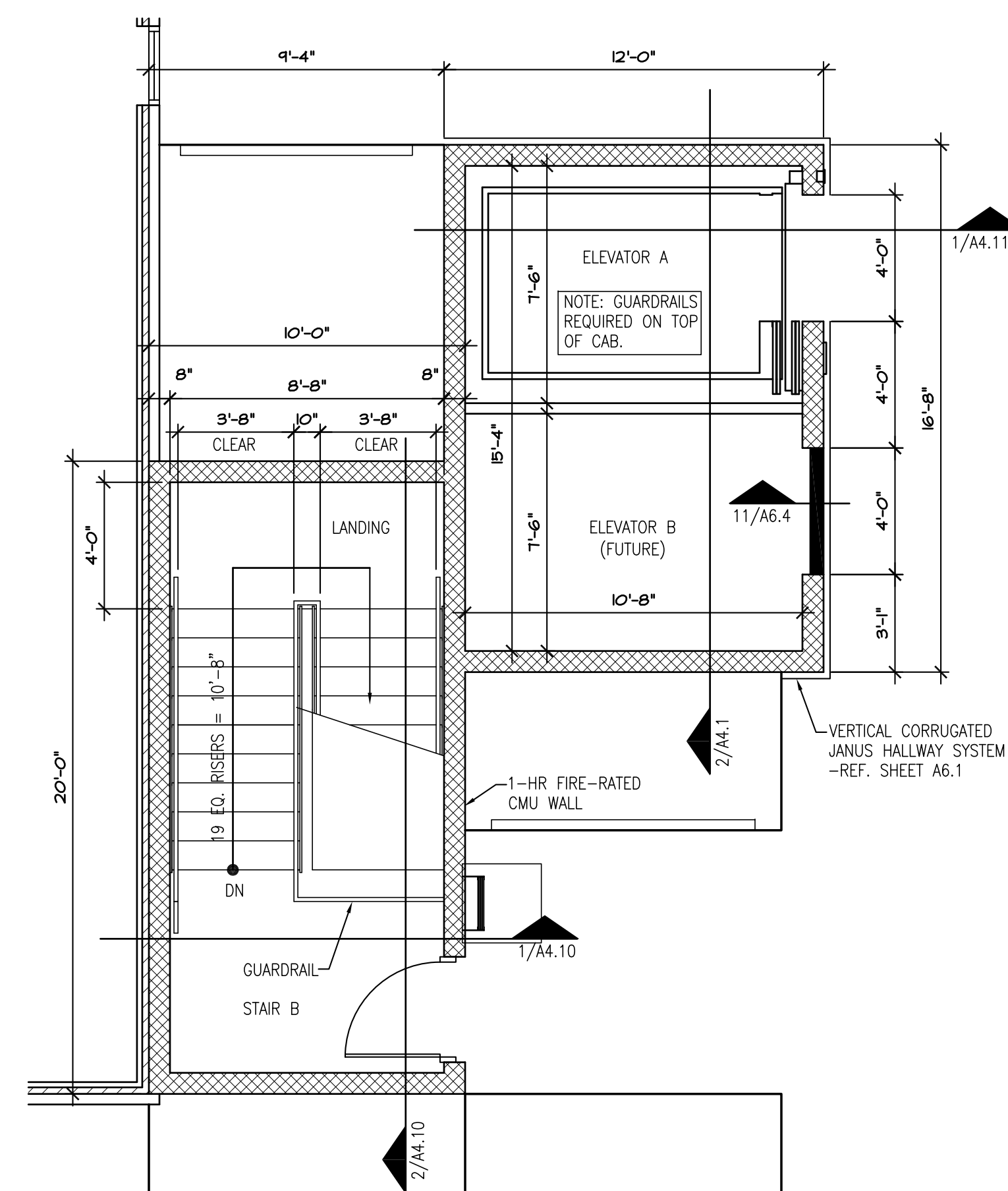
3 3RD FLOOR - STAIR A
1/4" = 1'-0"



4 1ST FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"

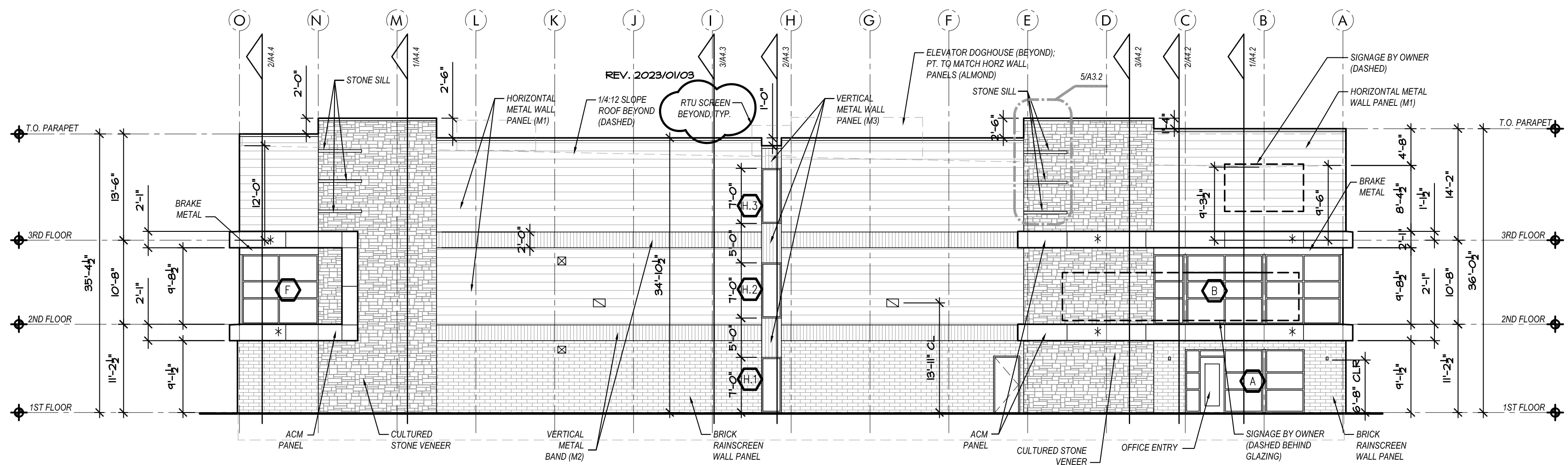


5 2ND FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"

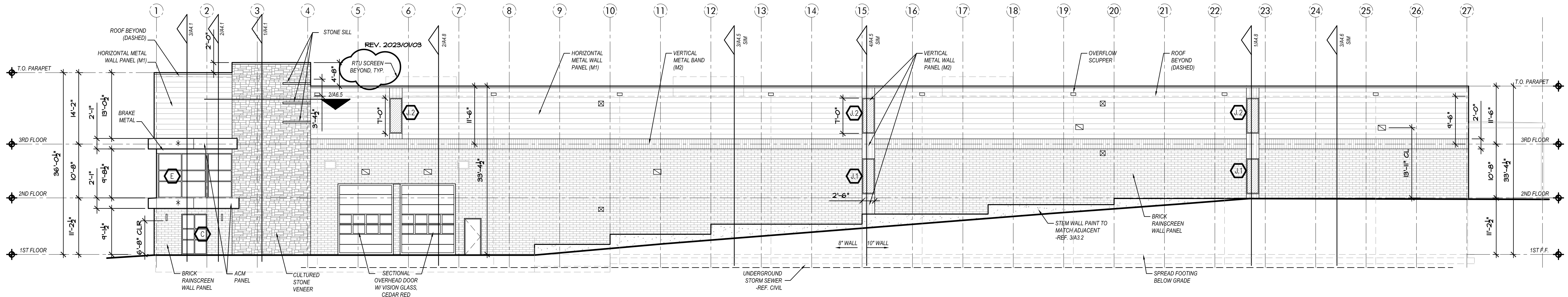


6 3RD FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"

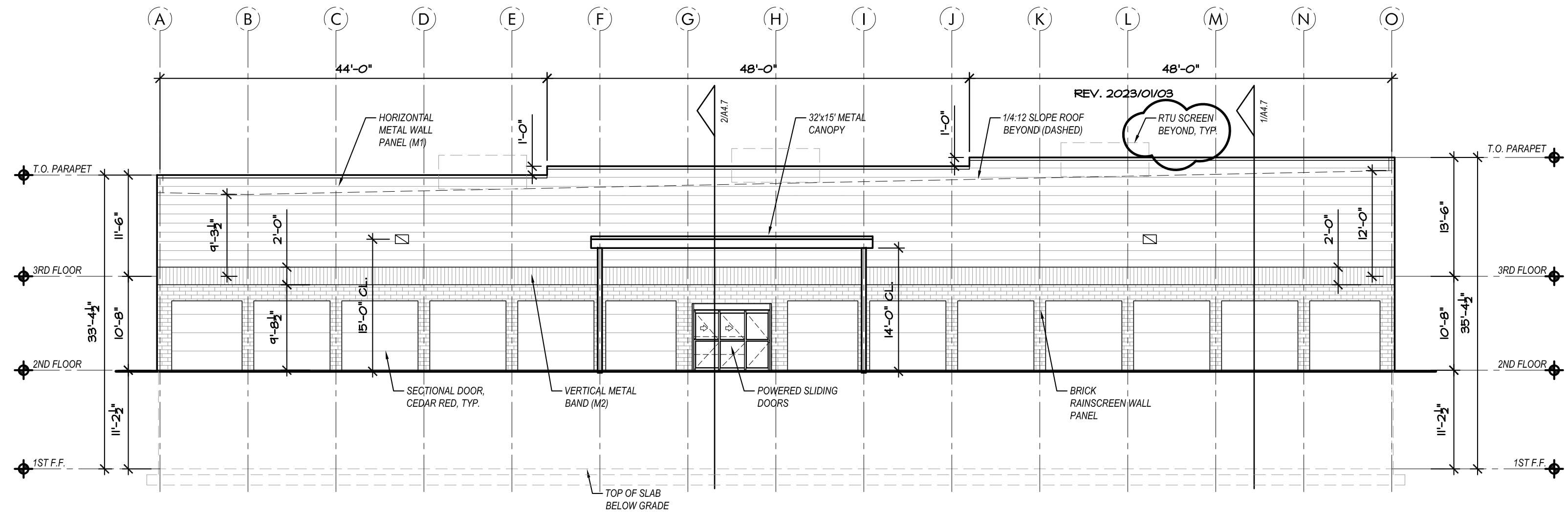
REV. 2023/01/03
ROOFTOP UNIT SCREENS
SHOWN ON BUILDING
ELEVATIONS



1 WEST ELEVATION
3/32" = 1'-0"



2 SOUTH ELEVATION
3/32" = 1'-0"



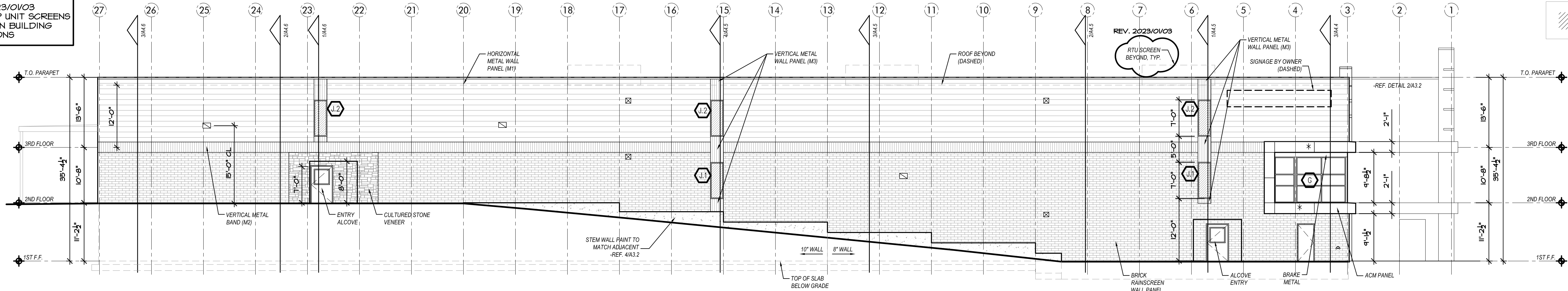
SPANDREL GLASS

ELEVATION LEGEND	NOTES
HORIZONTAL METAL WALL PANEL (M1)	MBCI SIGNATURE 300, 'ALMOND'
VERTICAL METAL BAND (M2)	MBCI SIGNATURE 200 PBD, 'SOLAR WHITE'
* ACM - ALUMINUM COMPOSITE MATERIAL PANEL	
BRICK RAINSCREEN WALL PANEL (NICHIA)	SIM. TO ACME BRICK, MENAWA
CULTURED STONE VENEER	SIM. TO COBRASTONE, ANTIQUE LEUDERS, 4", 5", 8"
EXTERIOR ROLL UP DOORS	SIM. TO JANUS, CEDAR RED
EXTERIOR LIGHT FIXTURE -REF. MEP	
OVERFLOW SCUPPER -REF. 12/A6.3	
OUTSIDE AIR LOCATIONS -REF. MEP	

- ELEVATION NOTES
- METAL COPING, TRIM, AND FLASHING TO MATCH COLOR OF ADJACENT MATERIAL.
 - ROOF MATERIAL TO BE TPO ROOF SYSTEM SLOPED AT 1/4" FT WITH INTERNAL ROOF DRAINS TO CONNECT TO UNDERGROUND SEWER
 - OVERFLOW SCUPPERS TO BE 2" ABOVE LOWEST POINT OF ROOF.
 - PAIN MAN DOOR TO MATCH ADJACENT MATERIAL UNLESS NOTED OTHERWISE.
 - GENERAL CONTRACTOR/SIGNAGE COMPANY TO PROVIDE ANCHORAGE, BLOCKING, & WATERPROOFING FOR SIGNAGE.
 - MAX. PARAPET HEIGHT TO BE 2'-6" WITHOUT STRUCTURAL SUPPORT.

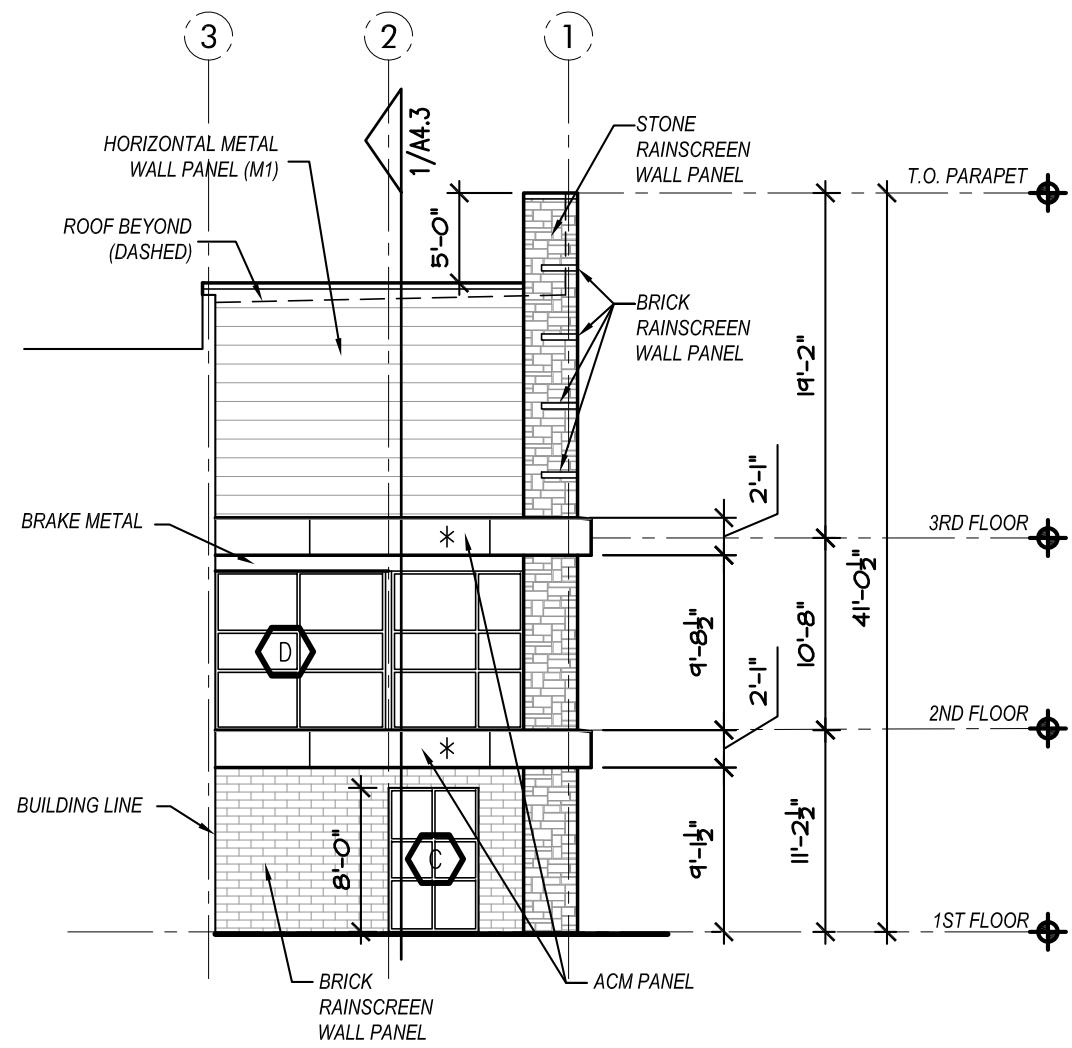
3 EAST ELEVATION
3/32" = 1'-0"

REV. 2023/01/03
ROOFTOP UNIT SCREENS
SHOWN ON BUILDING
ELEVATIONS



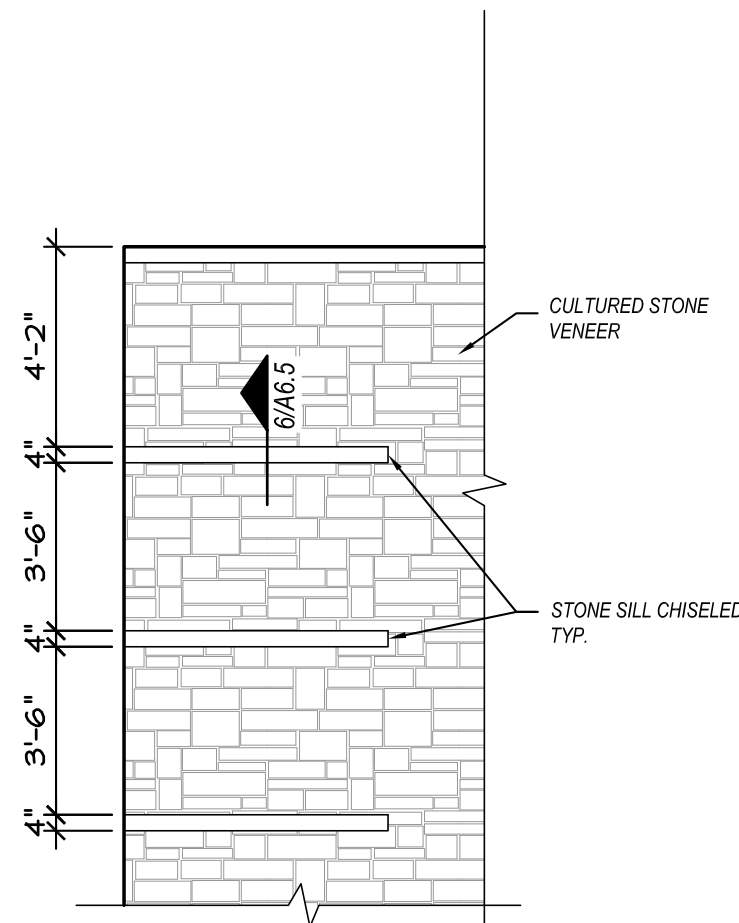
1 NORTH ELEVATION

3/32" = 1'-0"



2 NORTH ELEVATION DETAIL

3/32" = 1'-0"



5 THIRD STORY PLAN

3/32" = 1'-0"

ELEVATION LEGEND		NOTES
	HORIZONTAL METAL WALL PANEL (M1)	MBCI SIGNATURE 300, "ALMOND"
	VERTICAL METAL BAND (M2)	MBCI SIGNATURE 200 PBD, "SOLAR WHITE"
*	ACM - ALUMINUM COMPOSITE MATERIAL PANEL	
	BRICK RAINSCREEN WALL PANEL (NICHHA)	SIM. TO ACME BRICK, MENAWA
	CULTURED STONE VENEER	SIM. TO COBRSTONE, ANTIQUE LEUDERS, 4", 5", 8"
	EXTERIOR ROLL UP DOORS	SIM. TO JANUS, CEDAR RED
	EXTERIOR LIGHT FIXTURE -REF. MEP	
	OVERFLOW SCUPPER -REF. 12/A6.3	
	OUTSIDE AIR LOCATIONS -REF. MEP	
ELEVATION NOTES		
1. METAL COPING, TRIM, AND FLASHING TO MATCH COLOR OF ADJACENT MATERIAL.		
2. ROOF MATERIAL TO BE TPO ROOF SYSTEM SLOPED AT 1/4" FT WITH INTERNAL ROOF DRAINS TO CONNECT TO UNDERGROUND SEWER		
3. OVERFLOW SCUPPERS TO BE 2" ABOVE LOWEST POINT OF ROOF.		
4. PAINT MAN DOOR TO MATCH ADJACENT MATERIAL UNLESS NOTED OTHERWISE.		
5. GENERAL CONTRACTOR/SIGNAGE COMPANY TO PROVIDE ANCHORAGE, BLOCKING, & WATERPROOFING FOR SIGNAGE.		
6. MAX. PARAPET HEIGHT TO BE 2'-6" WITHOUT STRUCTURAL SUPPORT.		



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



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ELEVATIONS

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A3.2



LAKWOOD STORAGE
4101 NE PORT DRIVE
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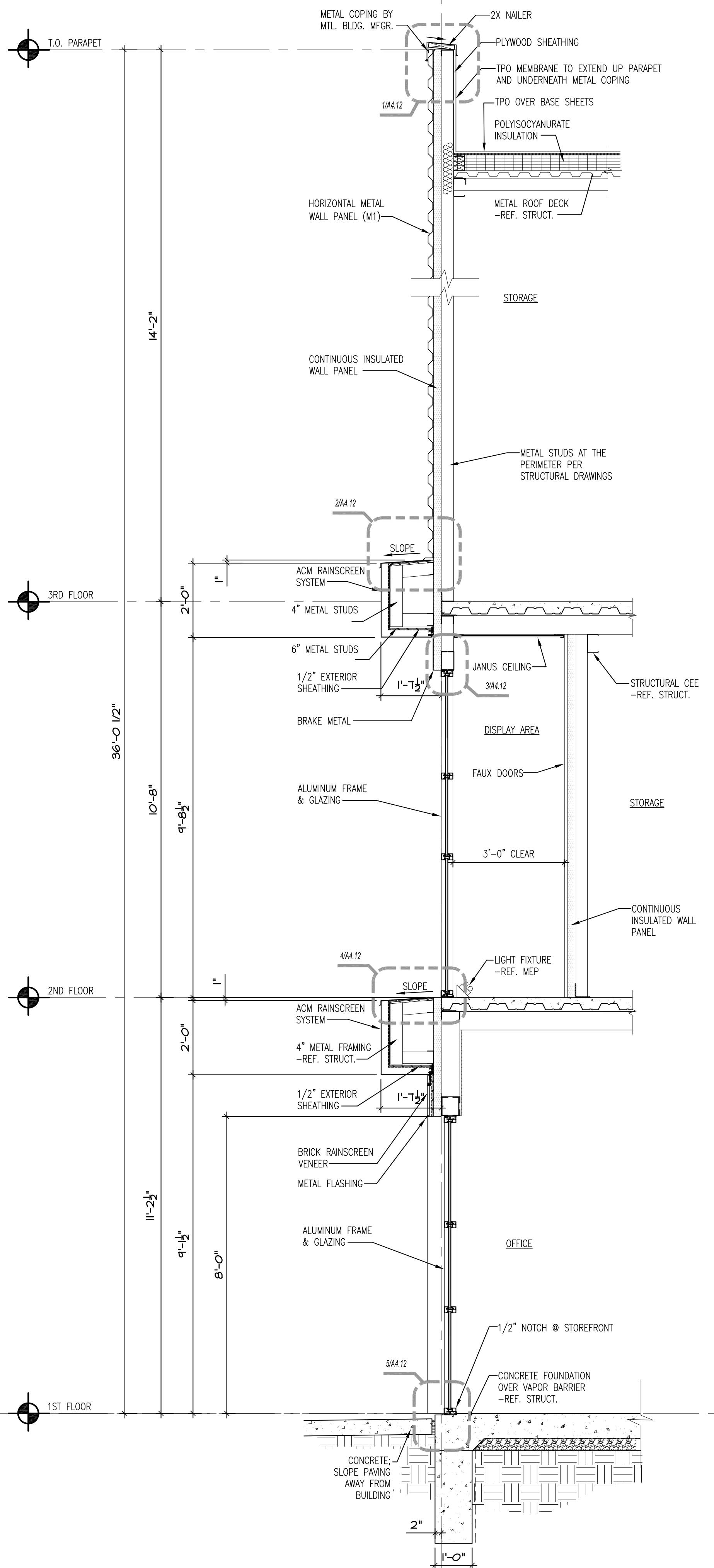
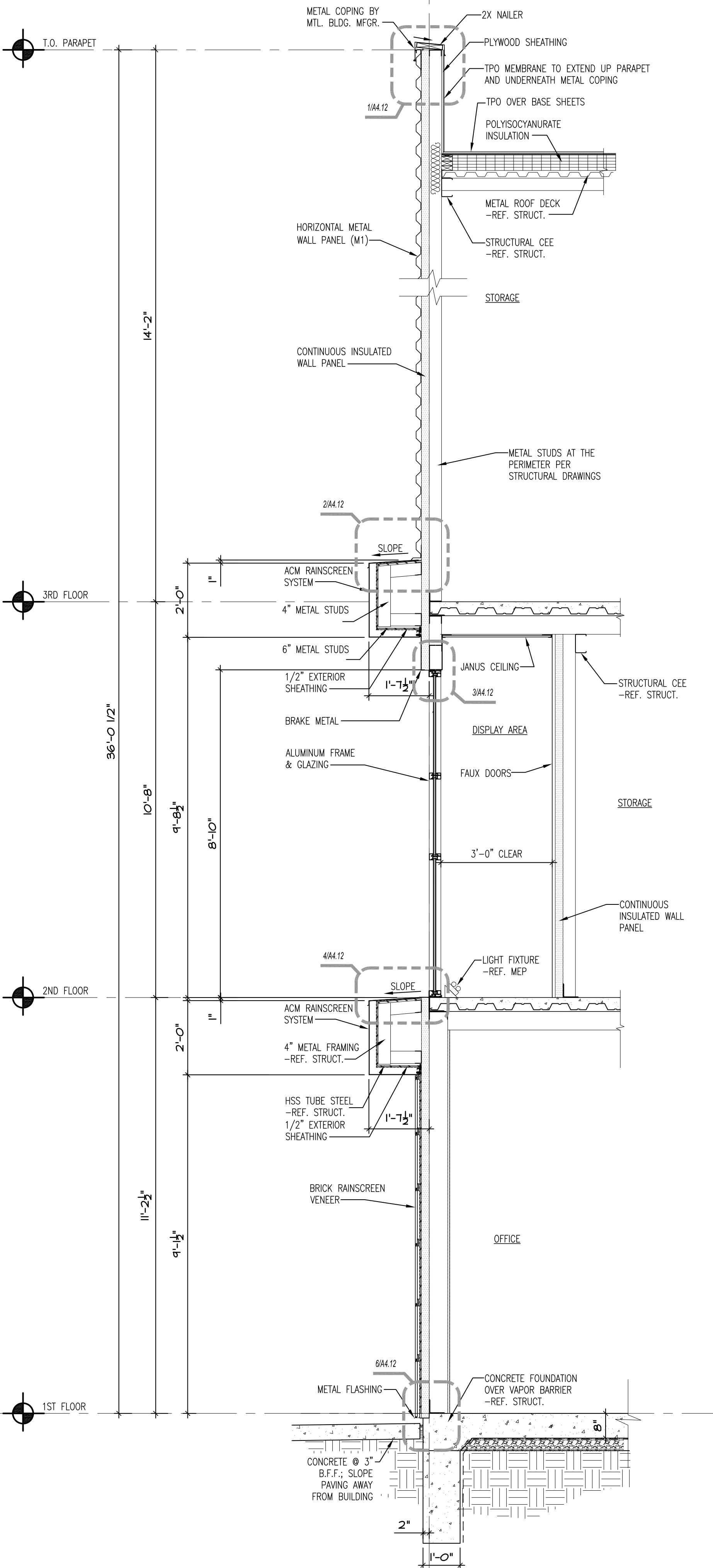
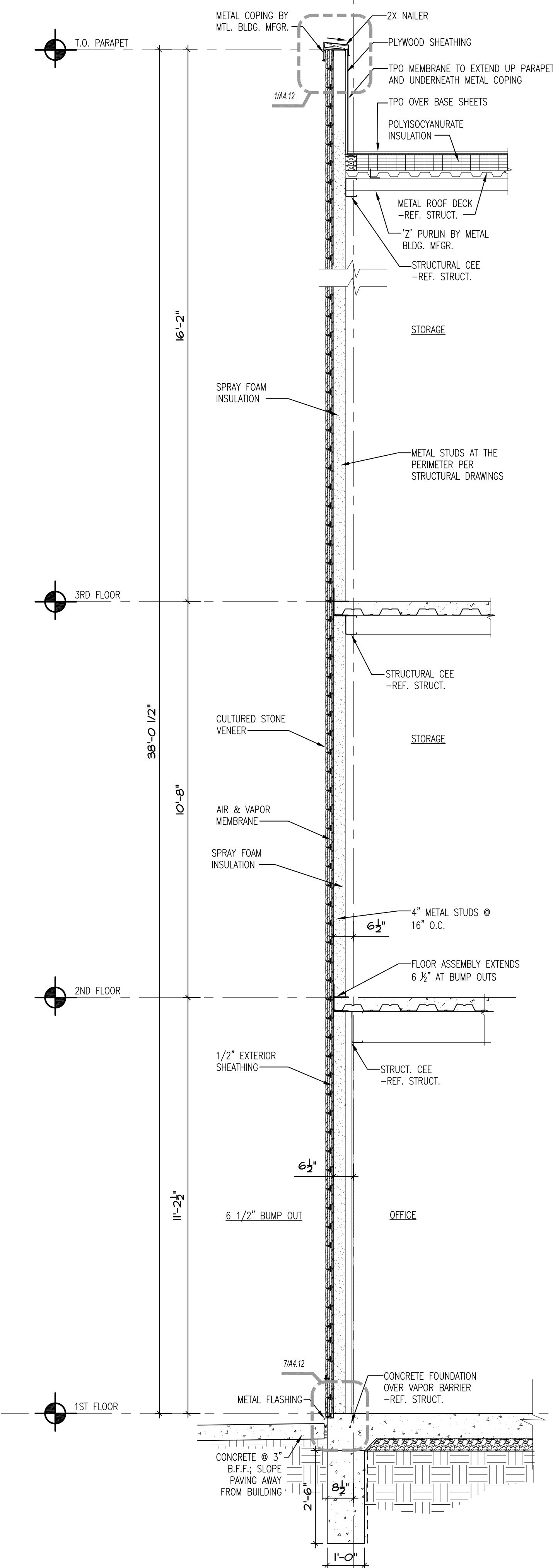
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WALL SECTIONS

Date: 2022/11/08
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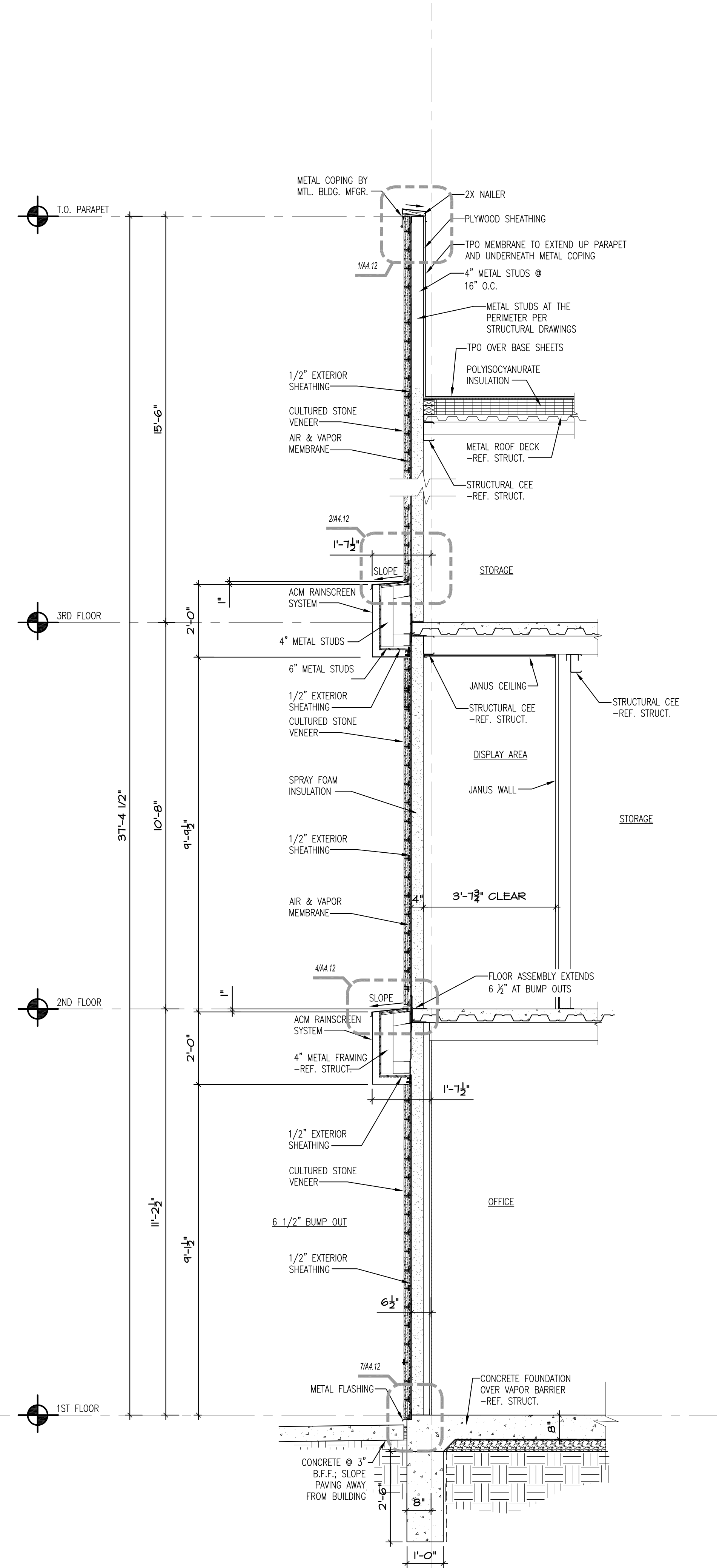
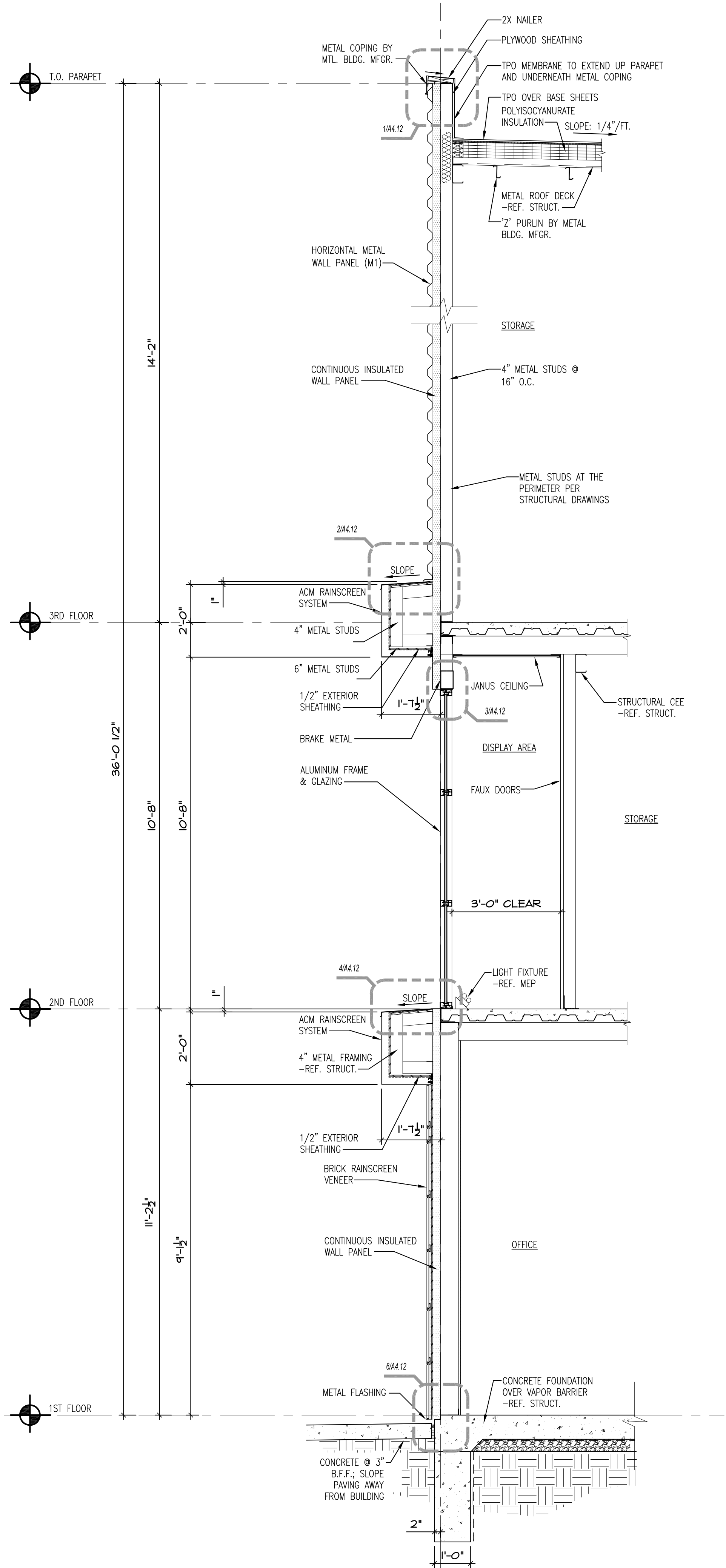
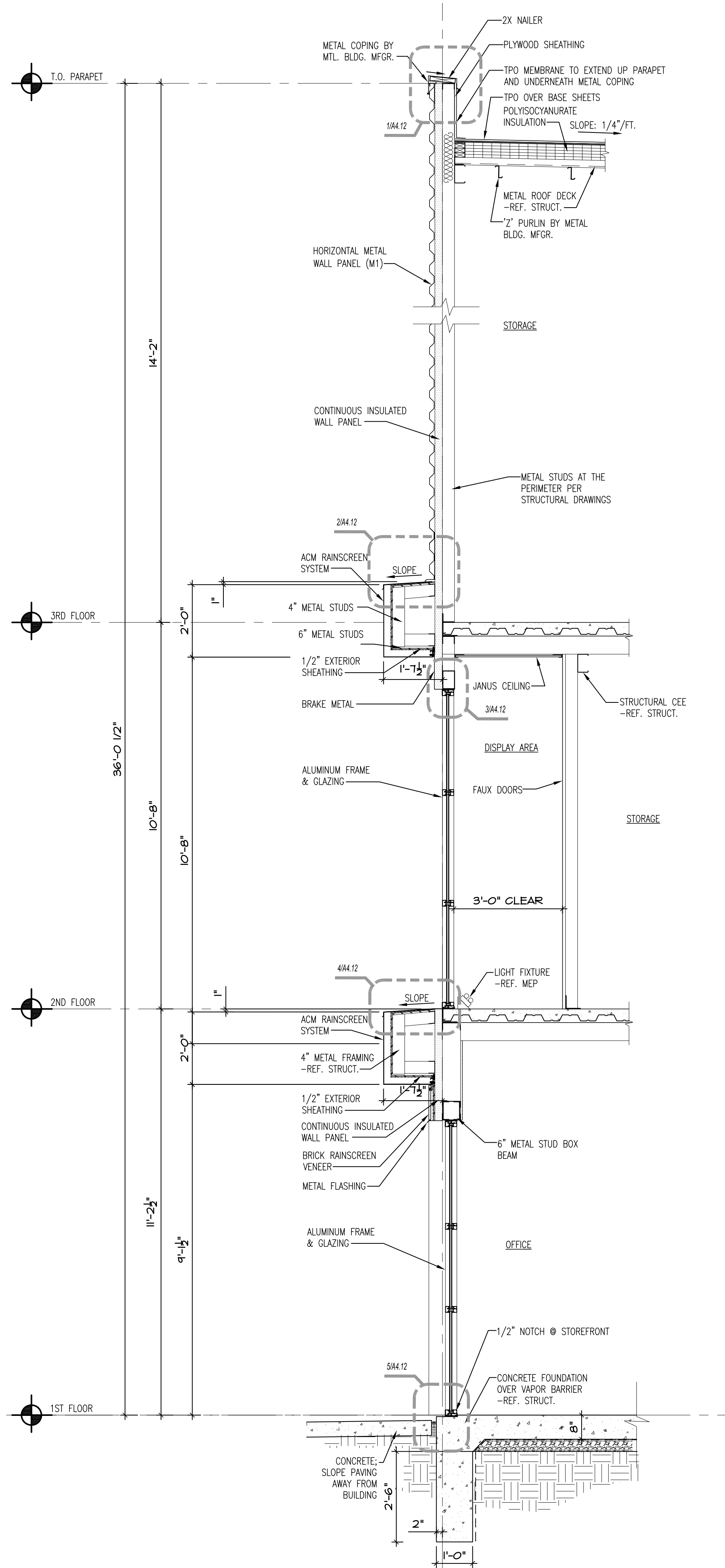
A4.1

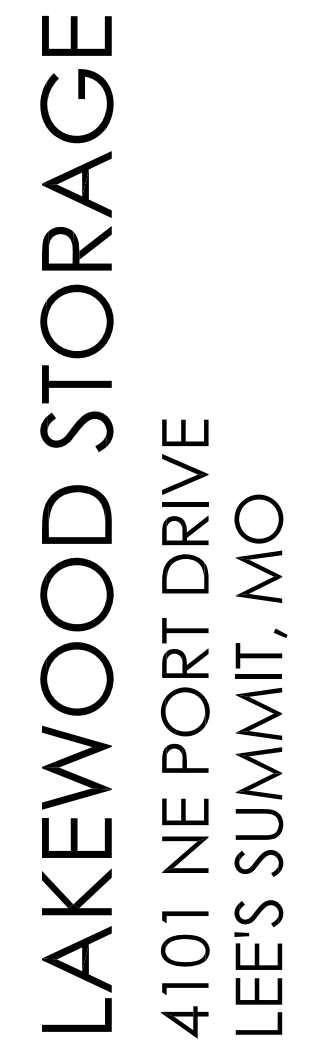


1 WALL SECTION
1/2" = 1'-0"

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

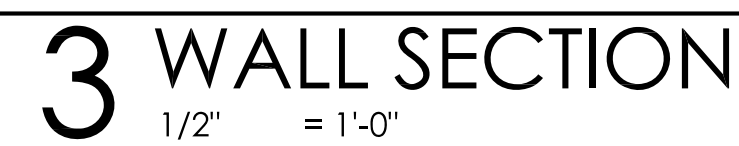
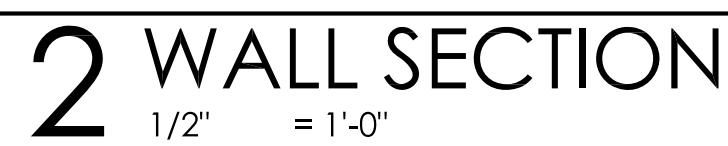
3 WALL SECTION
1/2" = 1'-0"





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Revisions: 2023/01/09

A4.3





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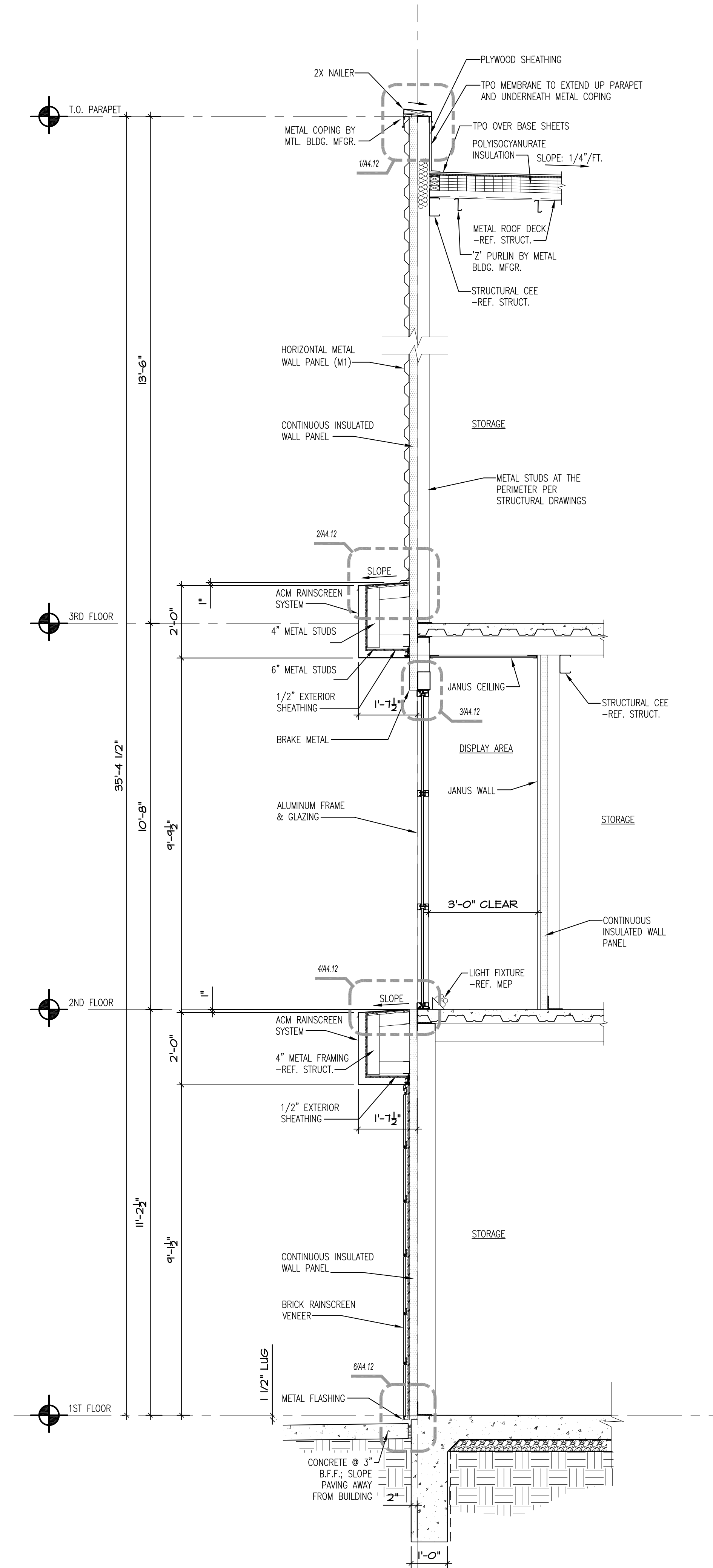
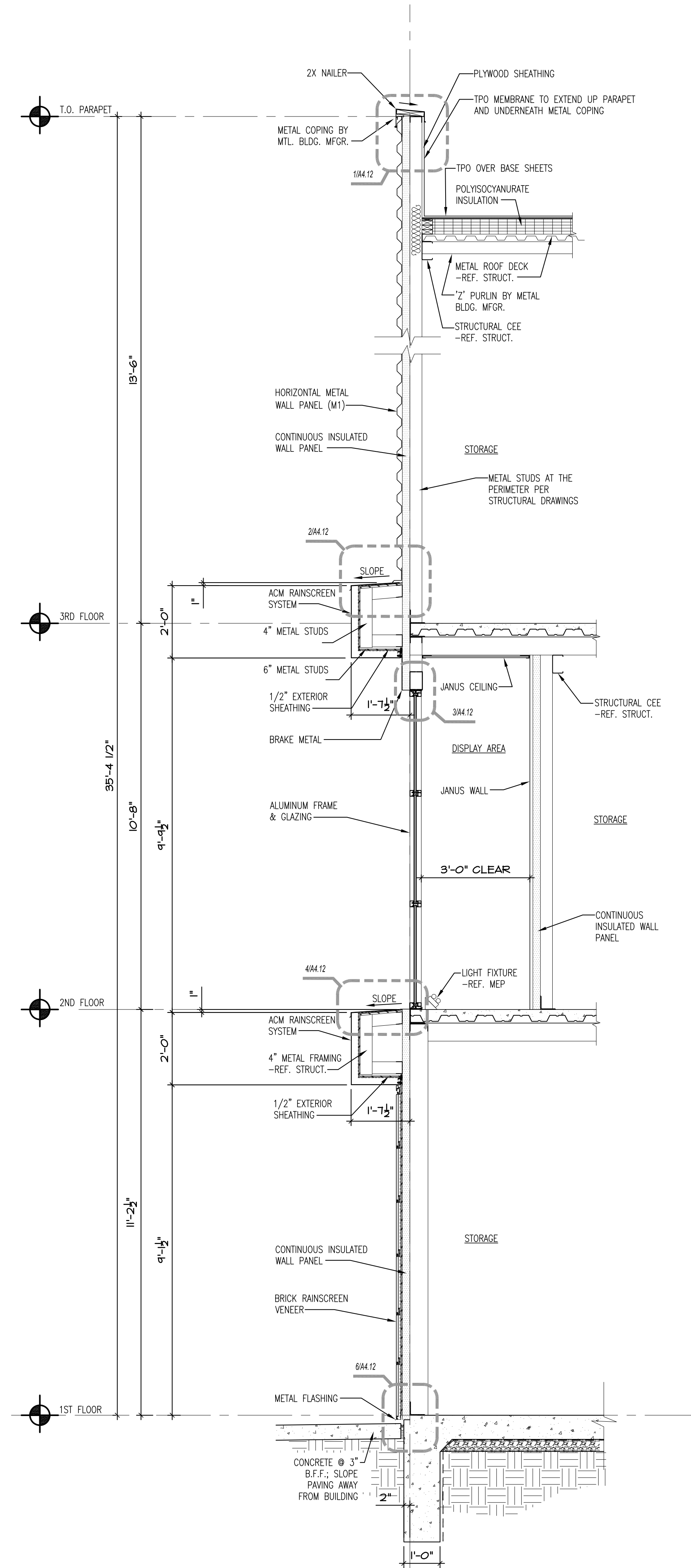
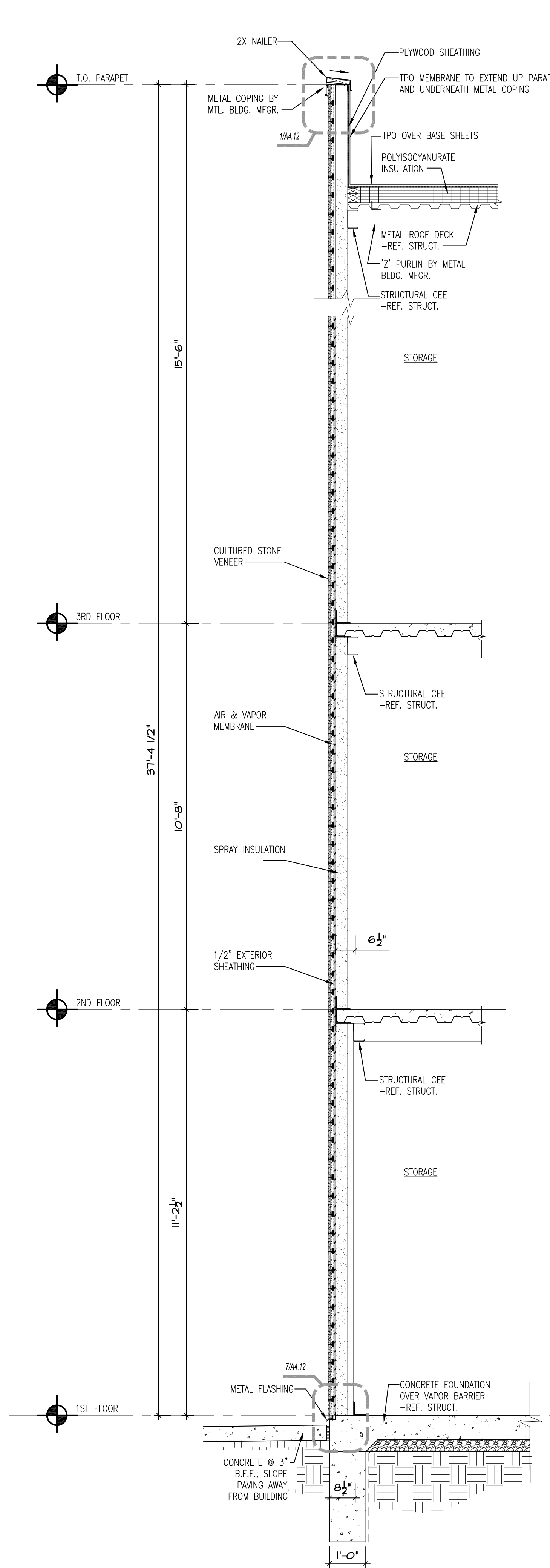
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WALL SECTIONS

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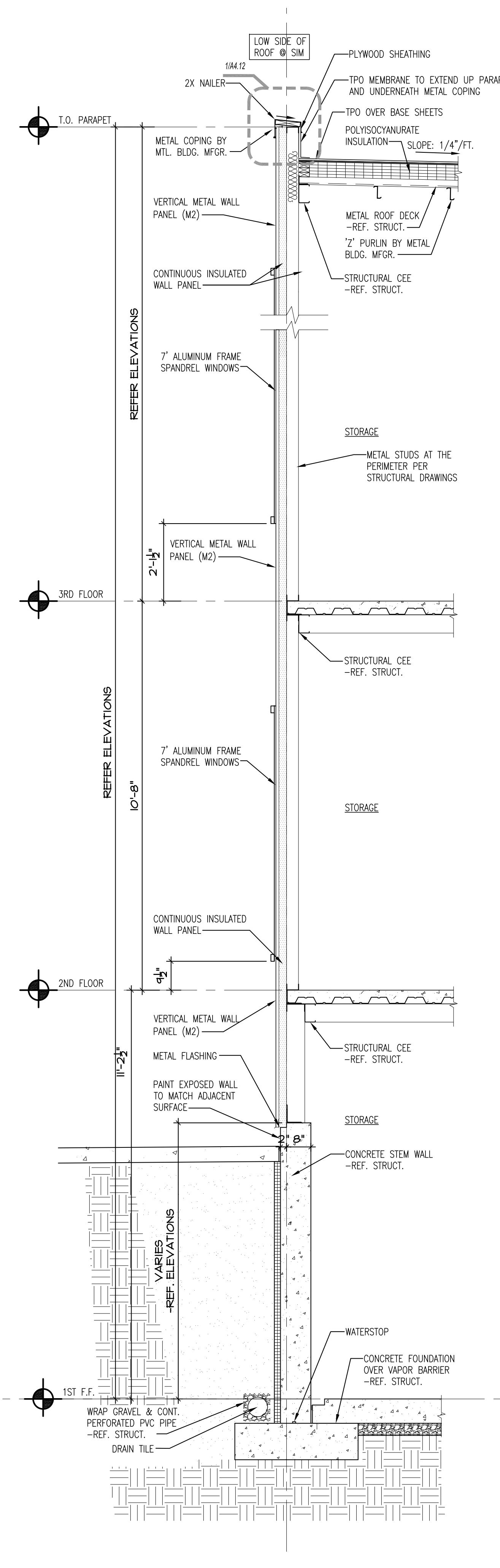
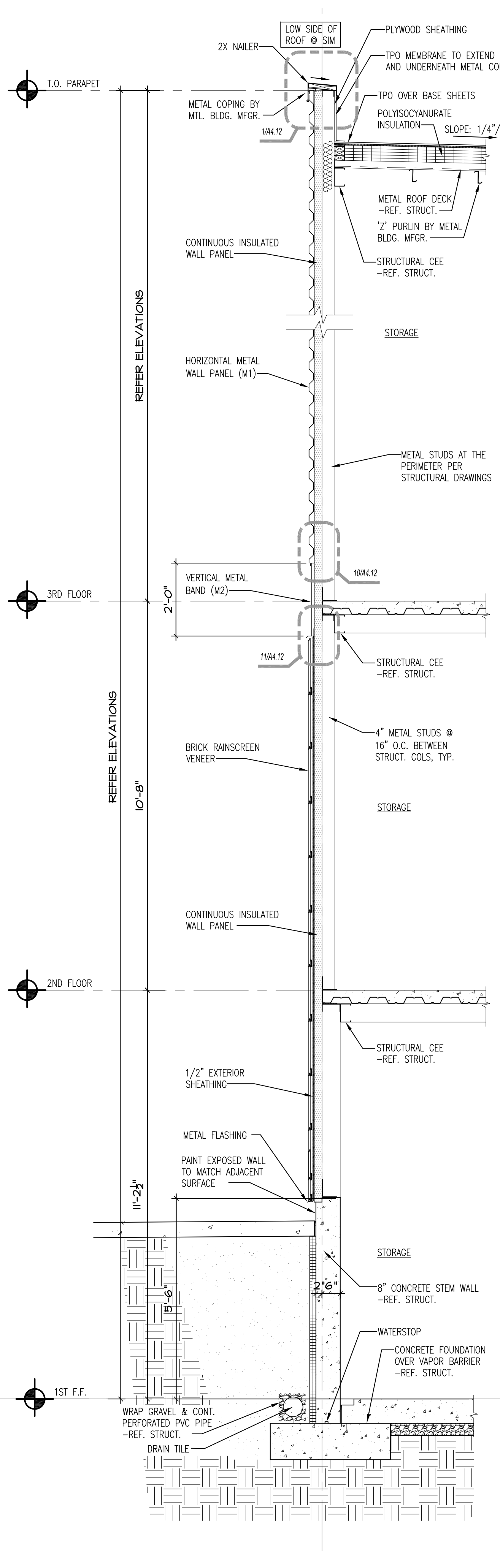
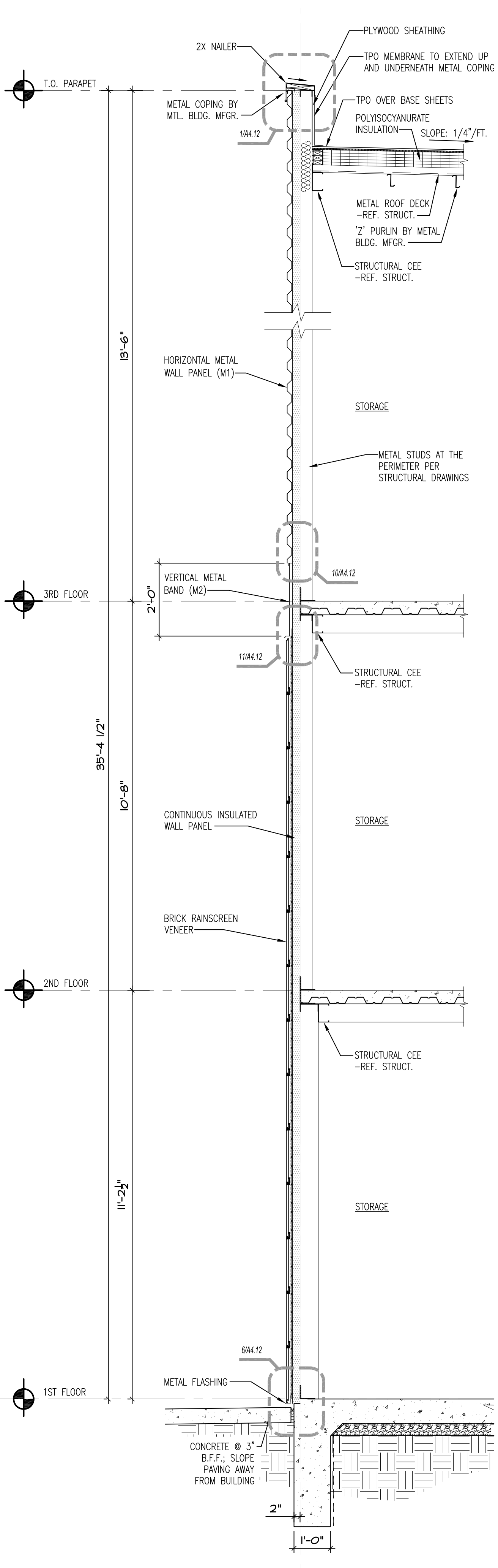
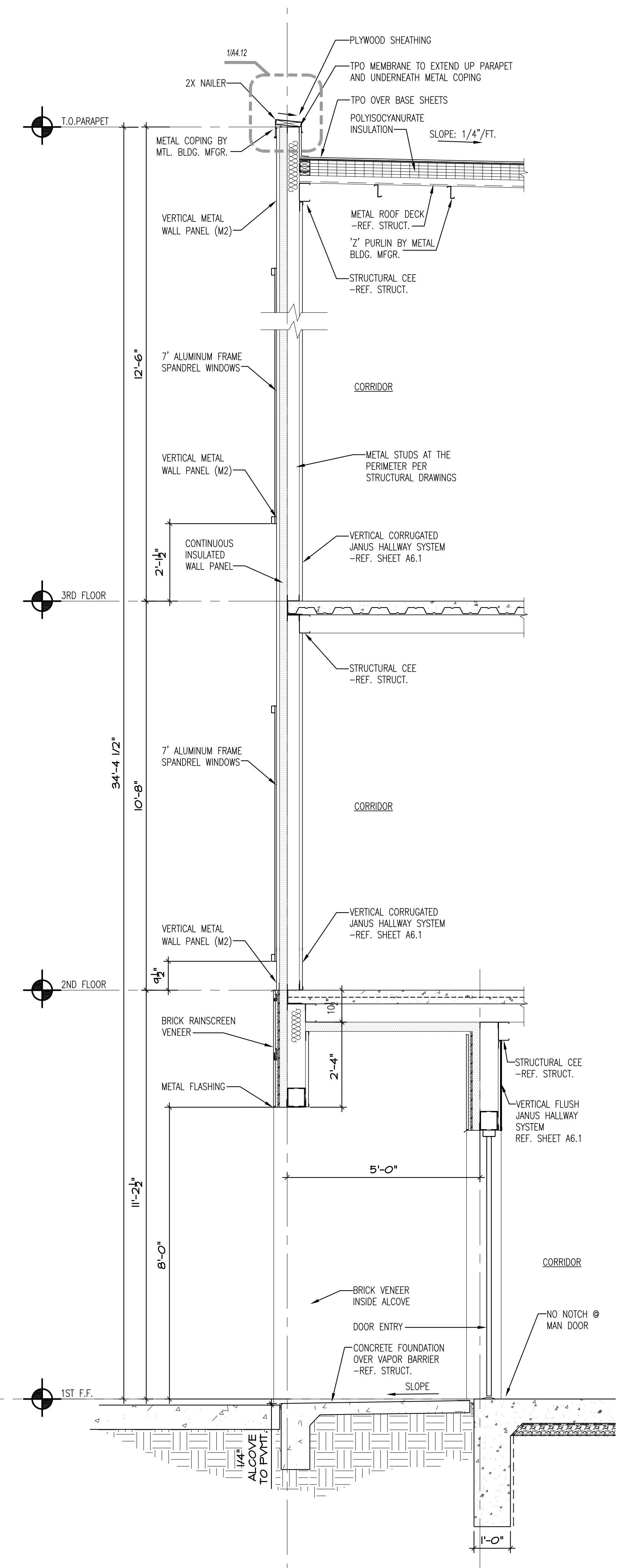
A4.4



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

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

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





LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



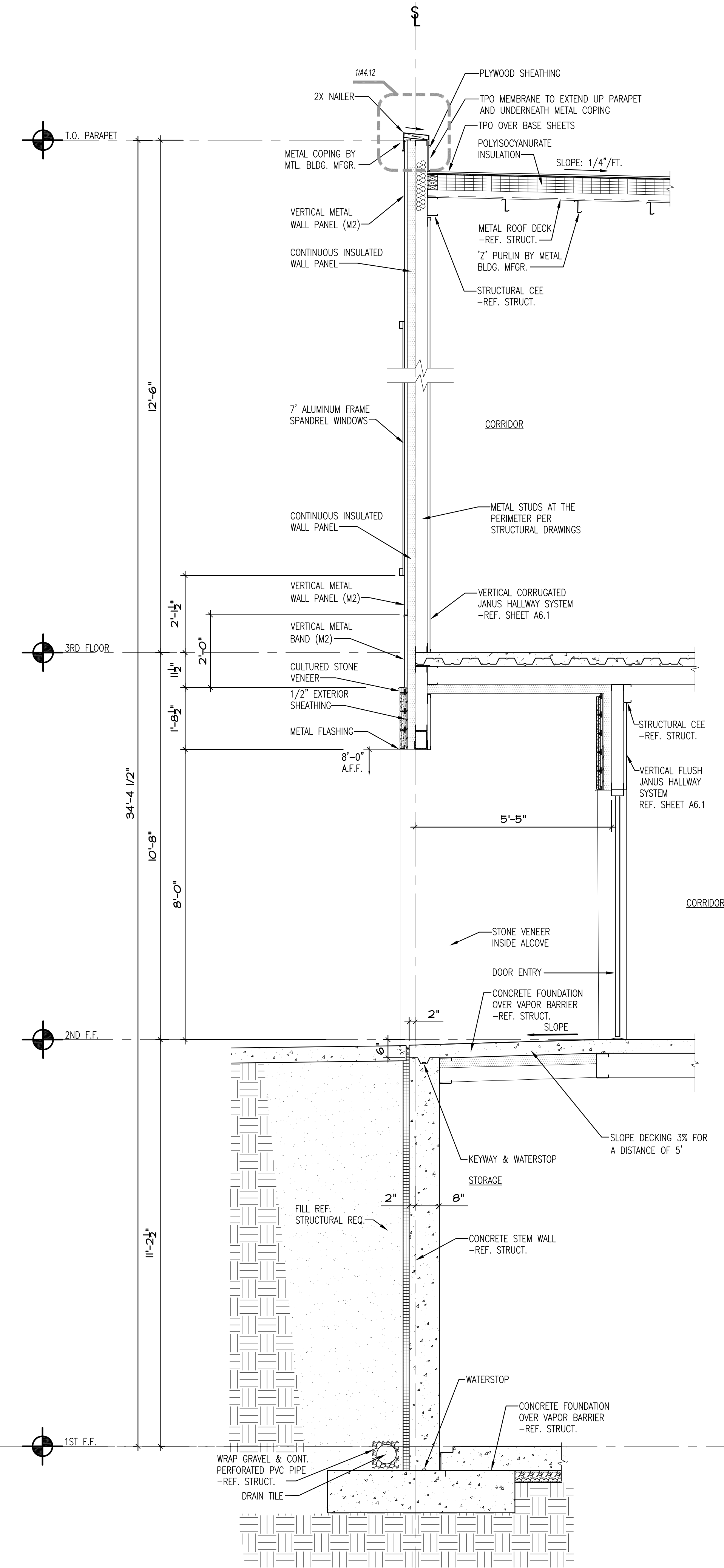
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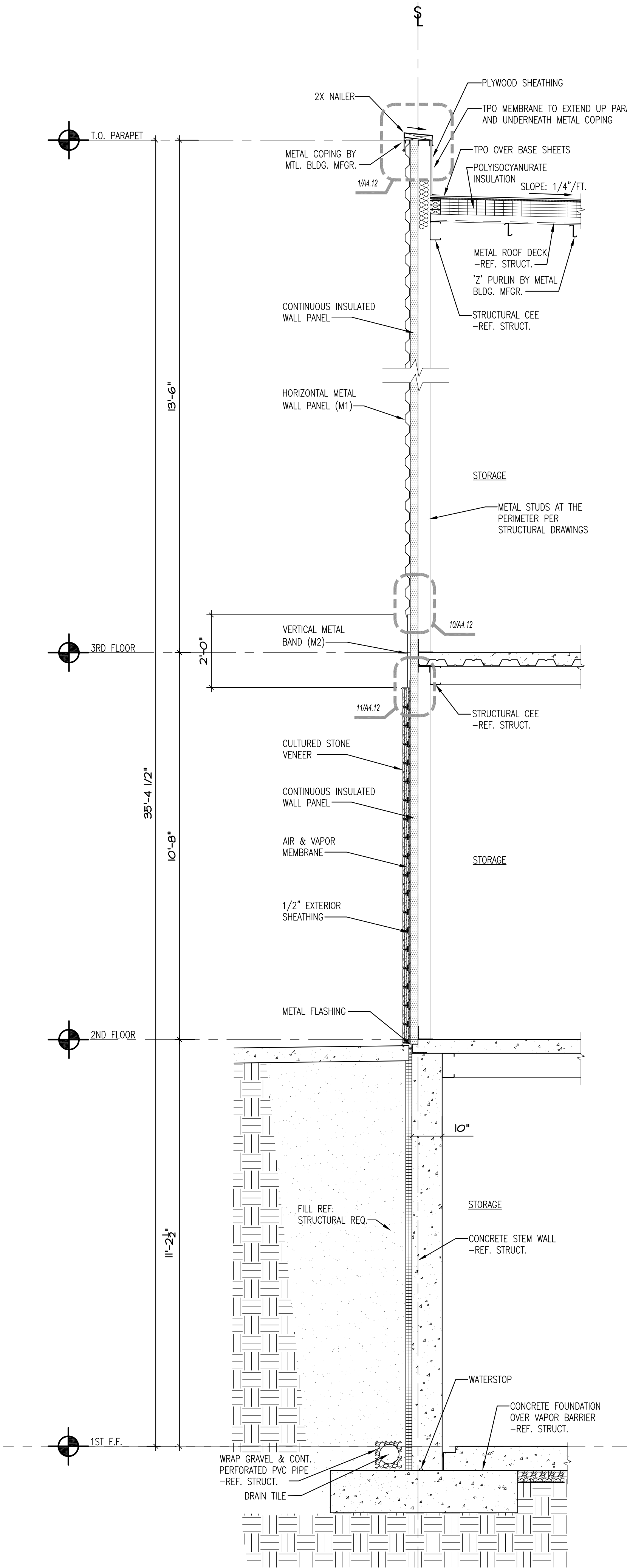
WALL SECTIONS

Date: 2022/11/08
Drawn by: SJH
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Revisions: 2023/06/08

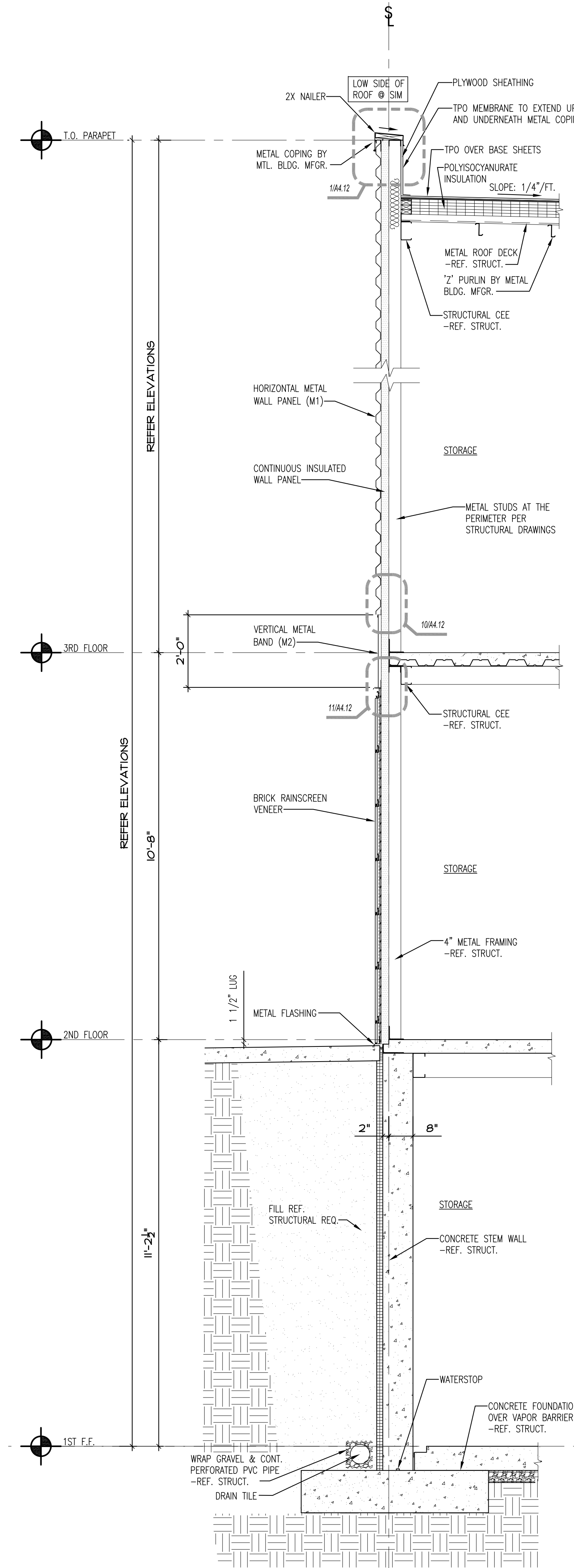
A4.6



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



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



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



LAKELWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



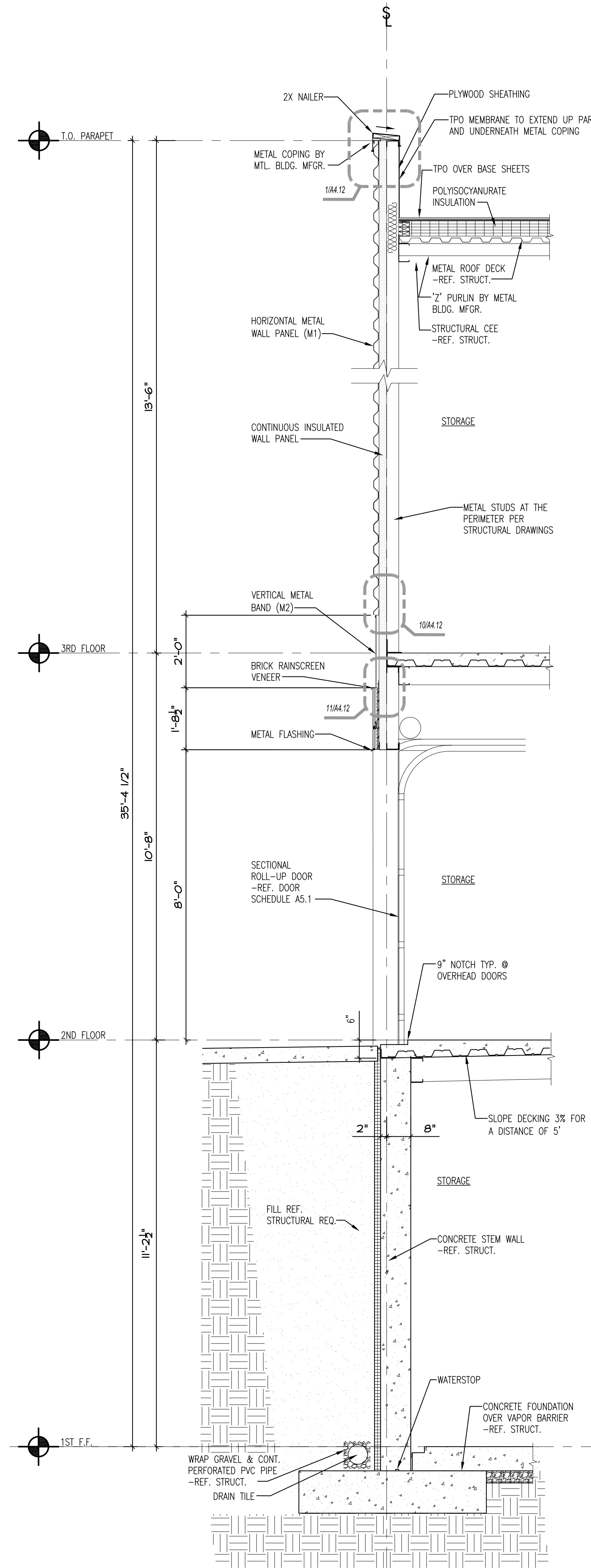
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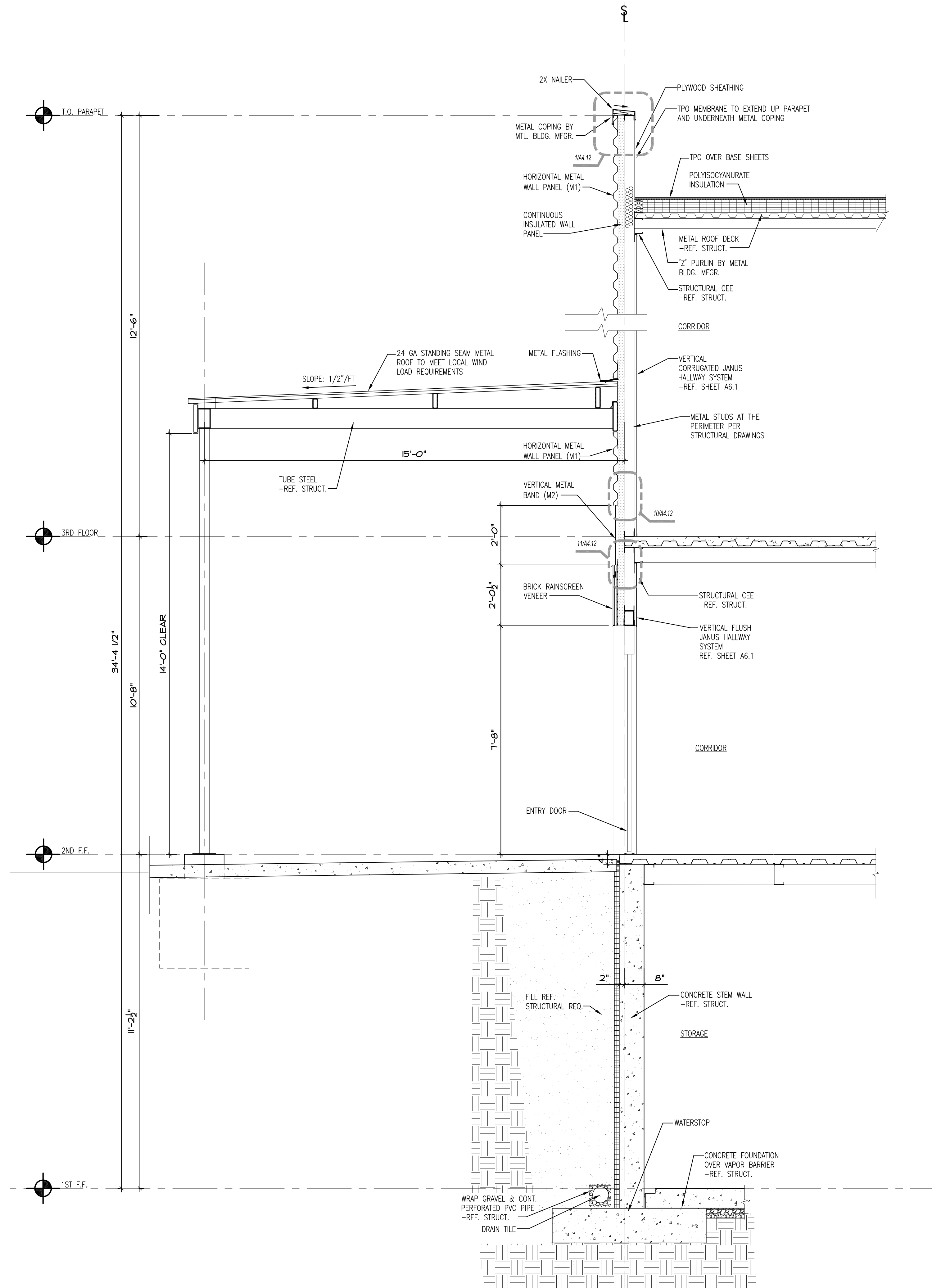
WALL SECTIONS

Date: 2022/11/08
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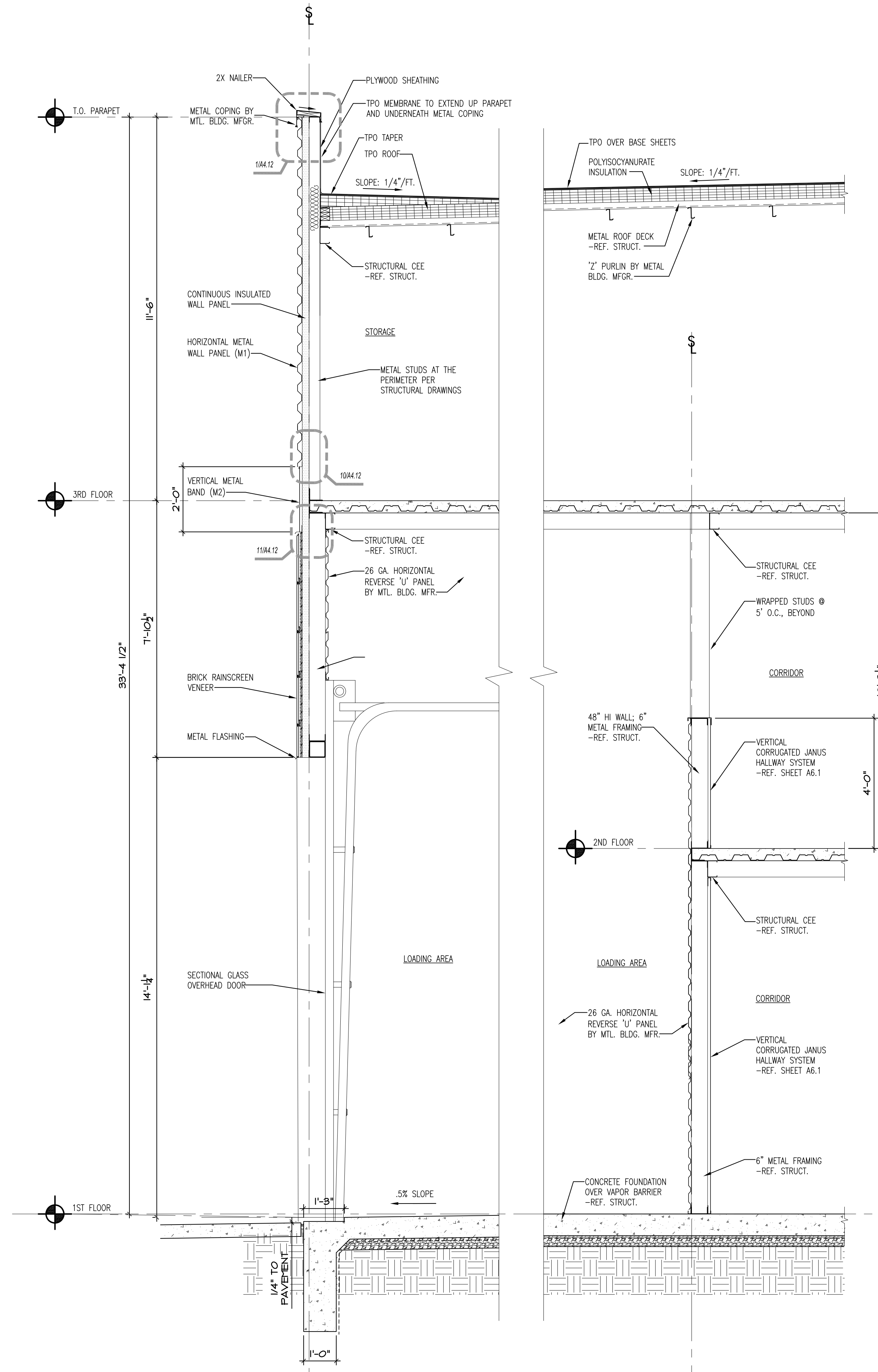
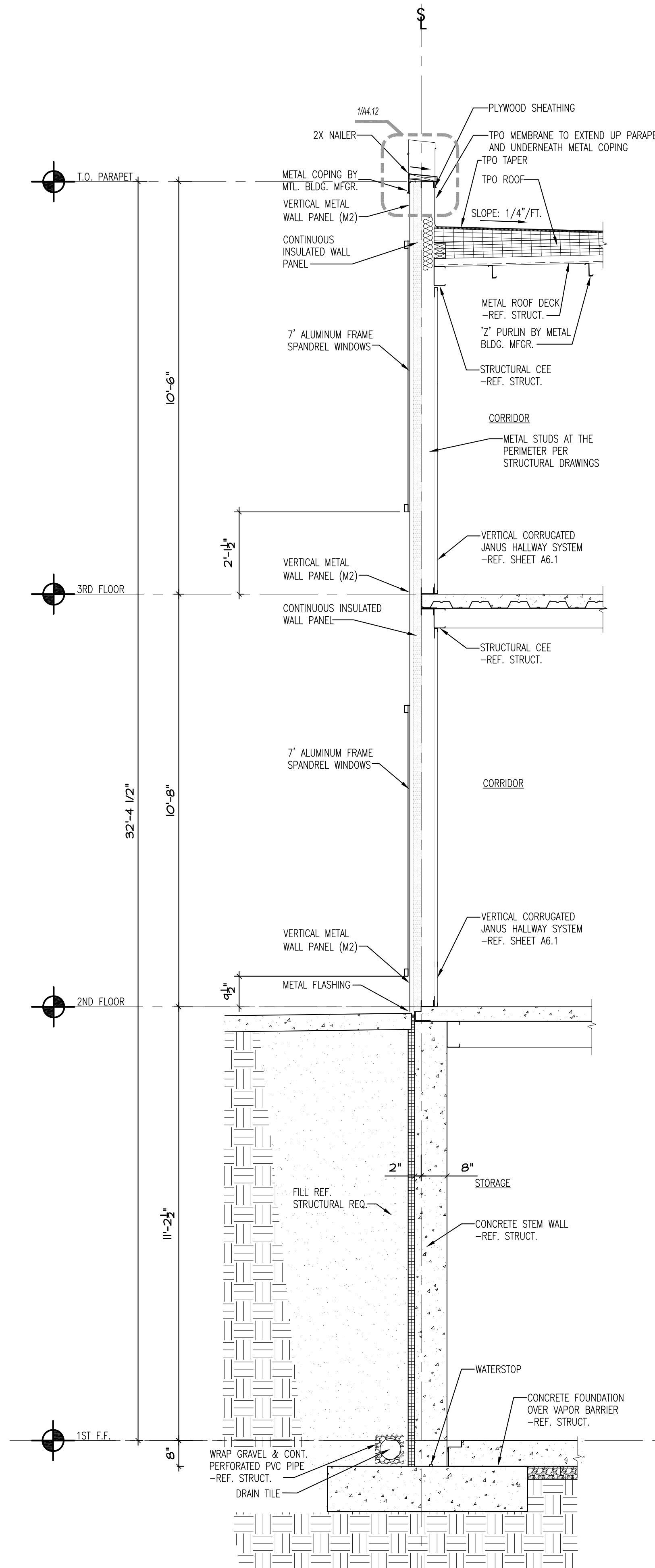
A4.7



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



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



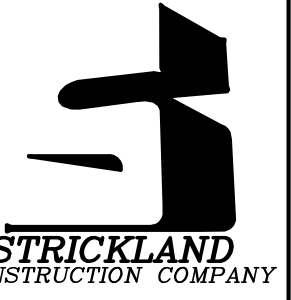


ALL SECTIONS

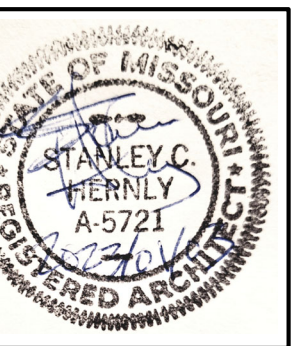
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A4.9





LAKWOOD STORAGE
4101 NE PORT DRIVE
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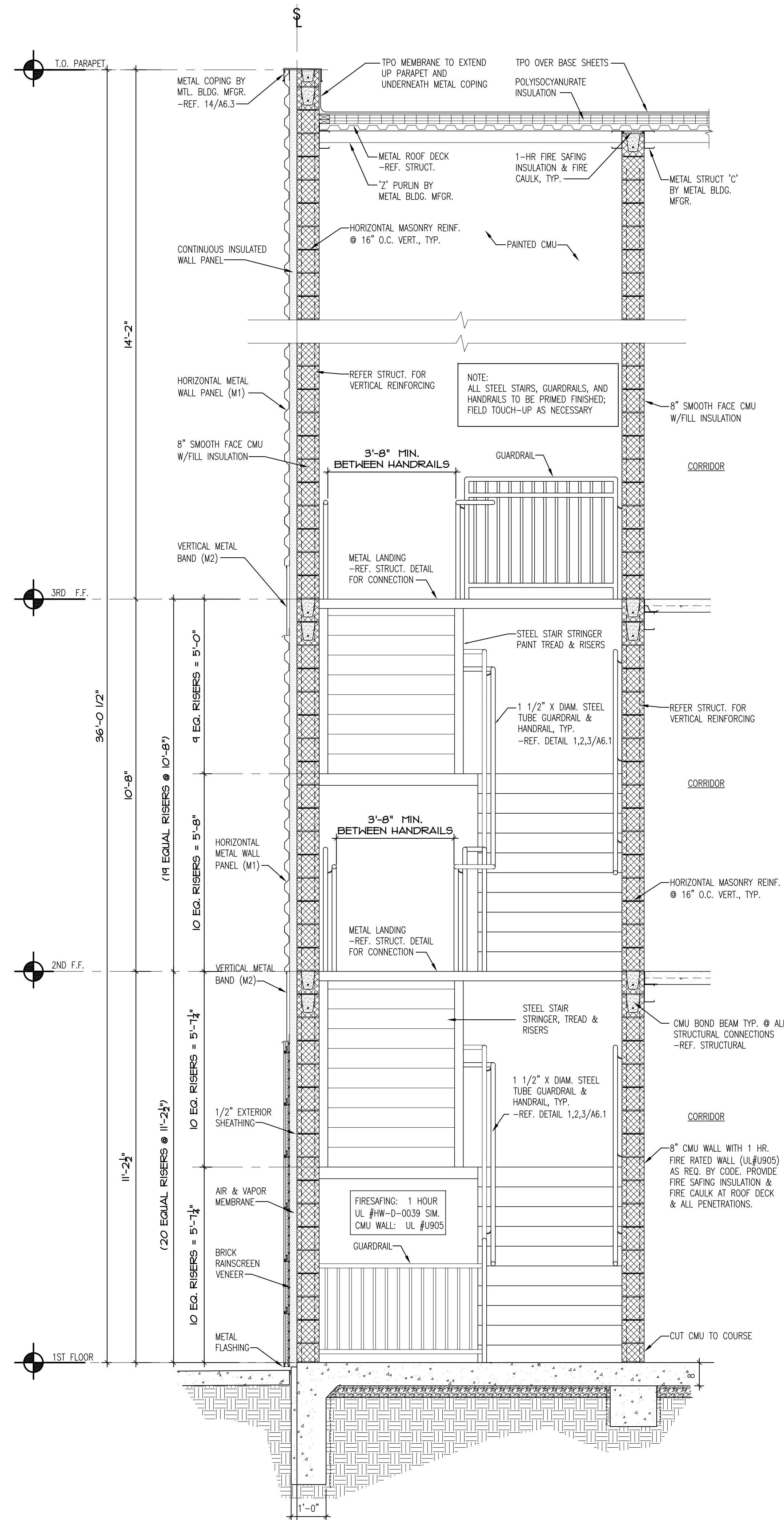
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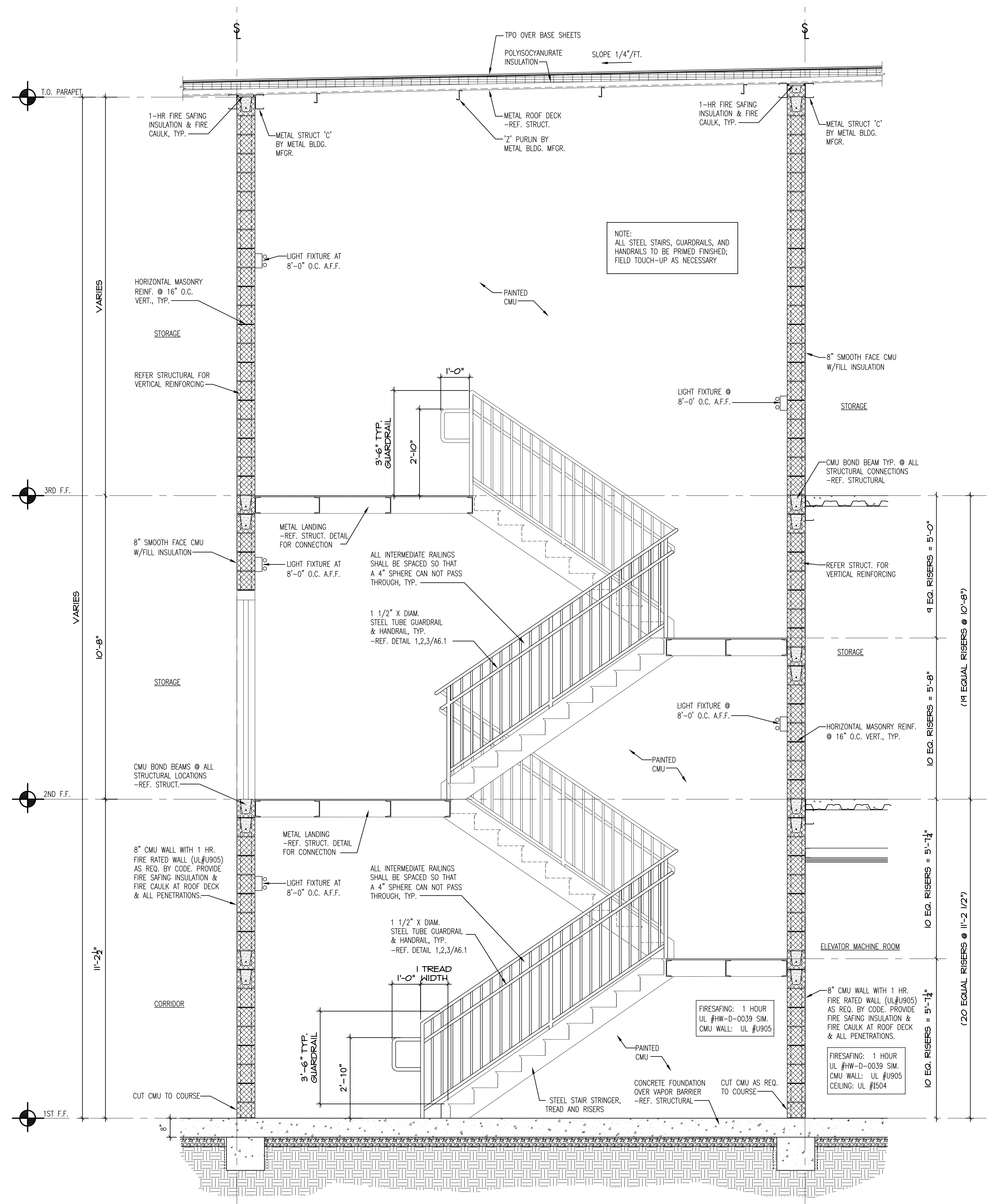
ALL SECTIONS

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A4.10



1 WALL SECTION



2 WALL SECTION



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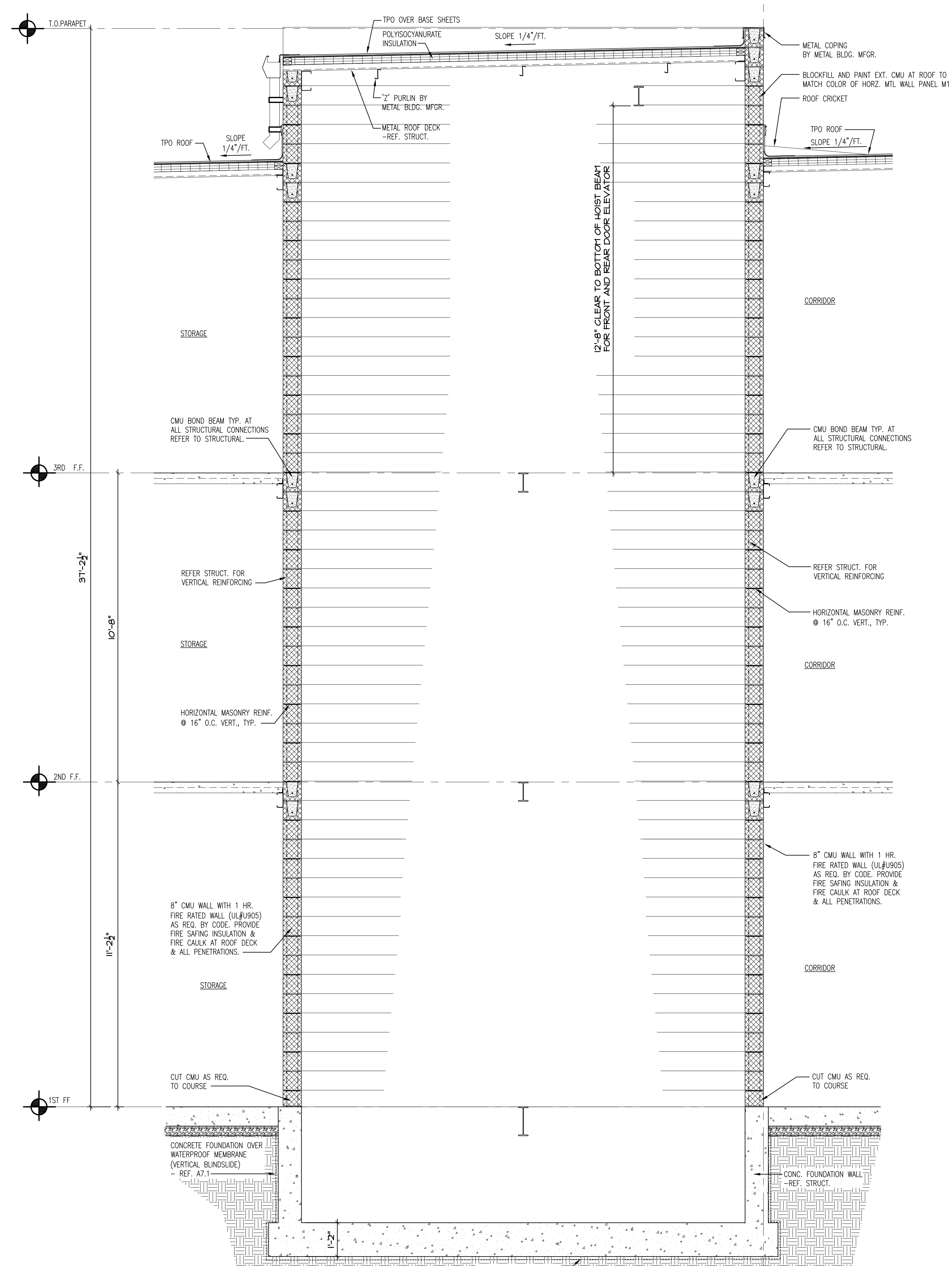
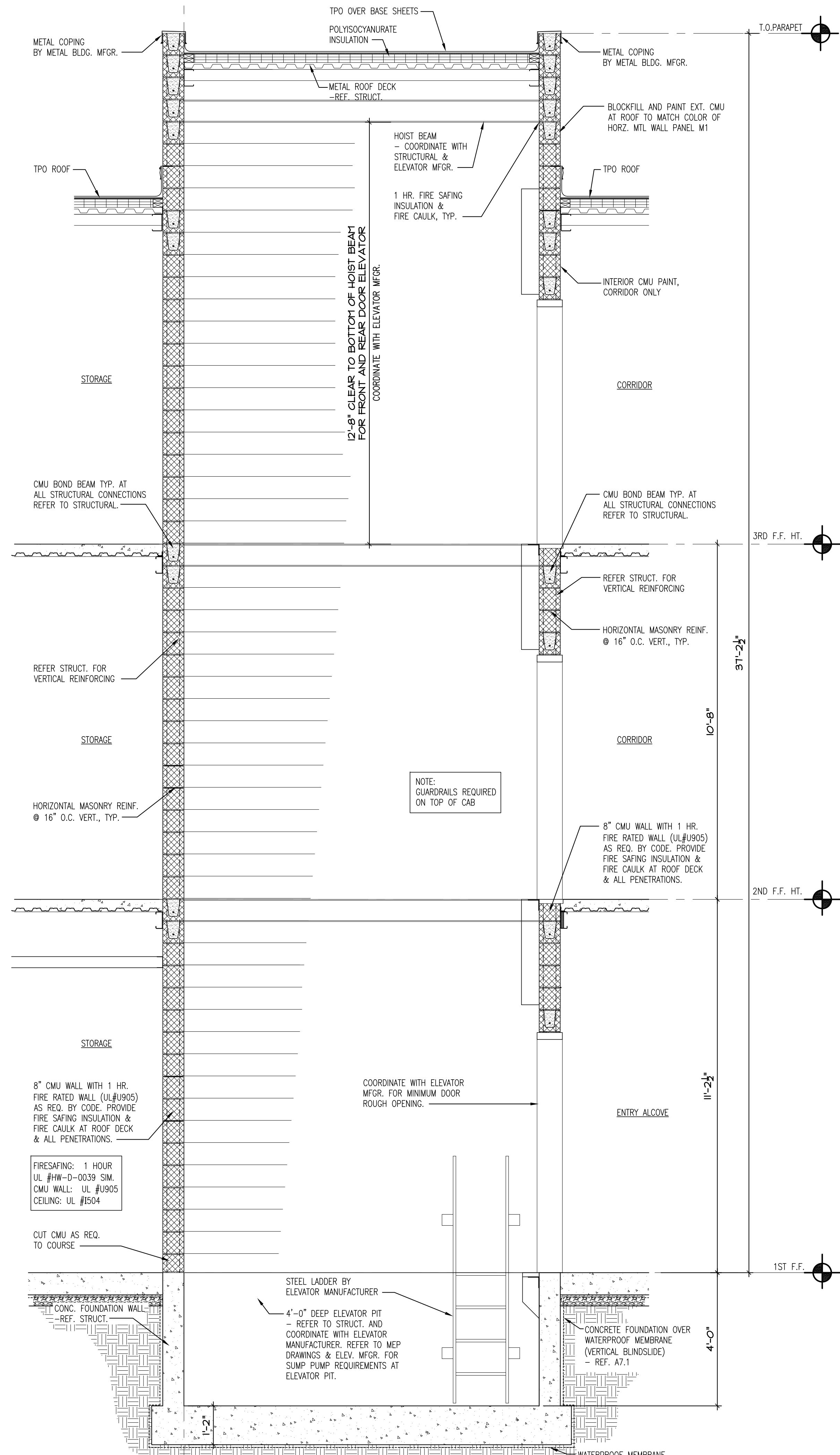
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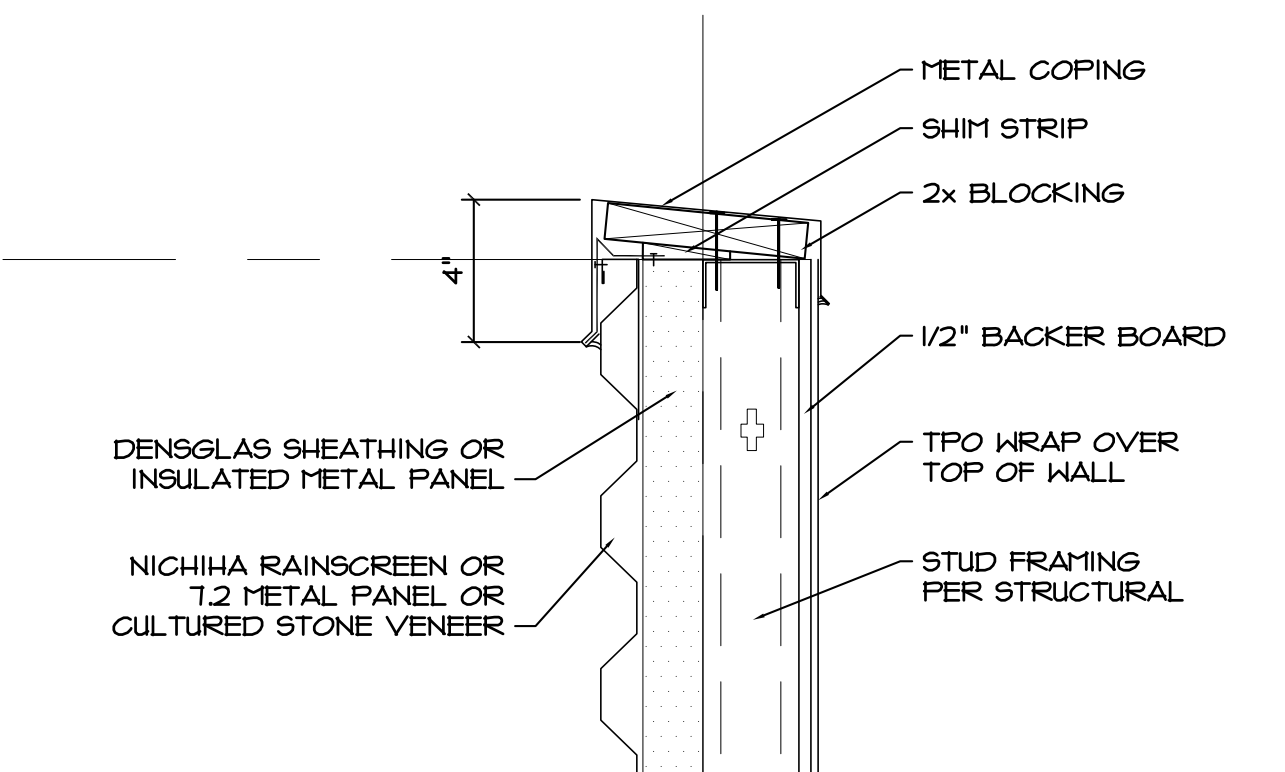
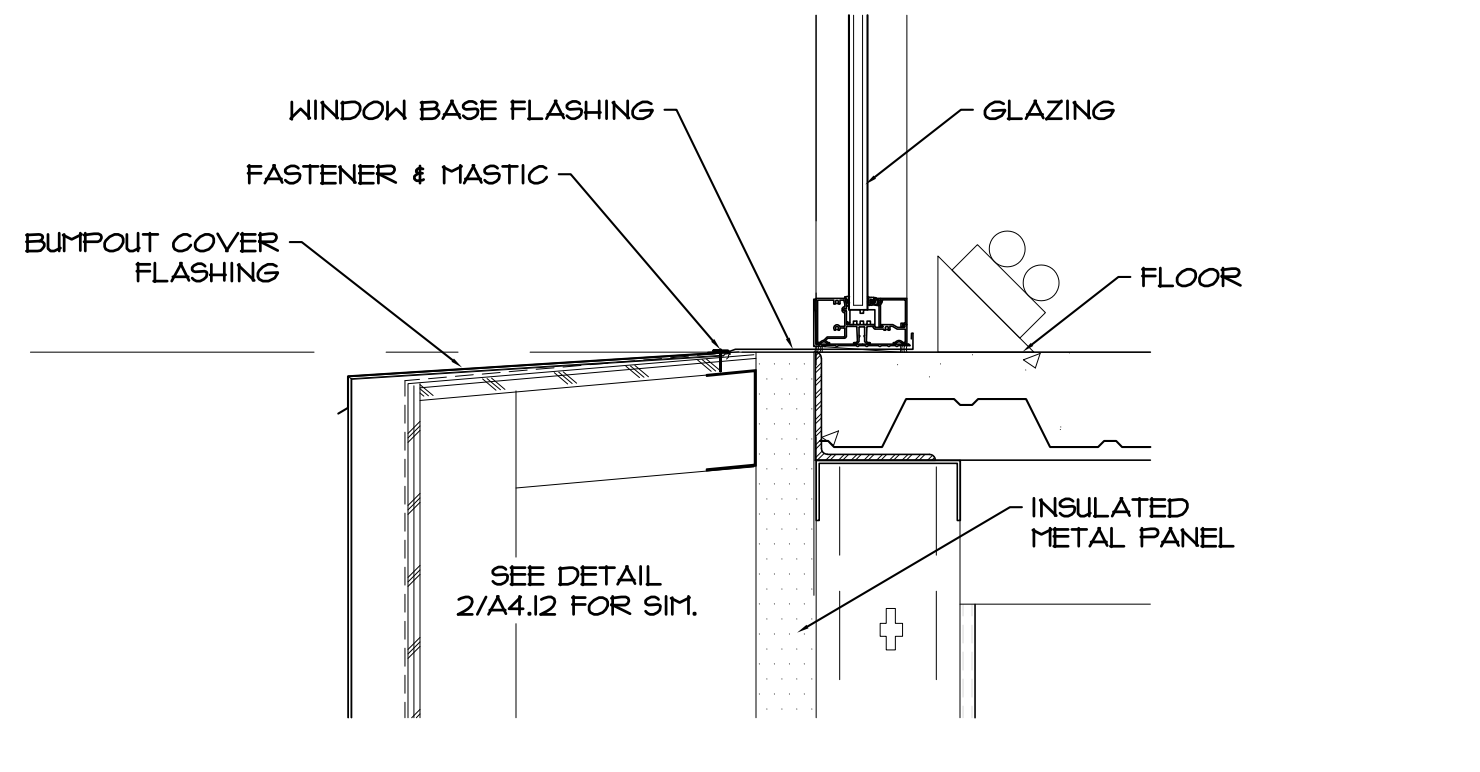
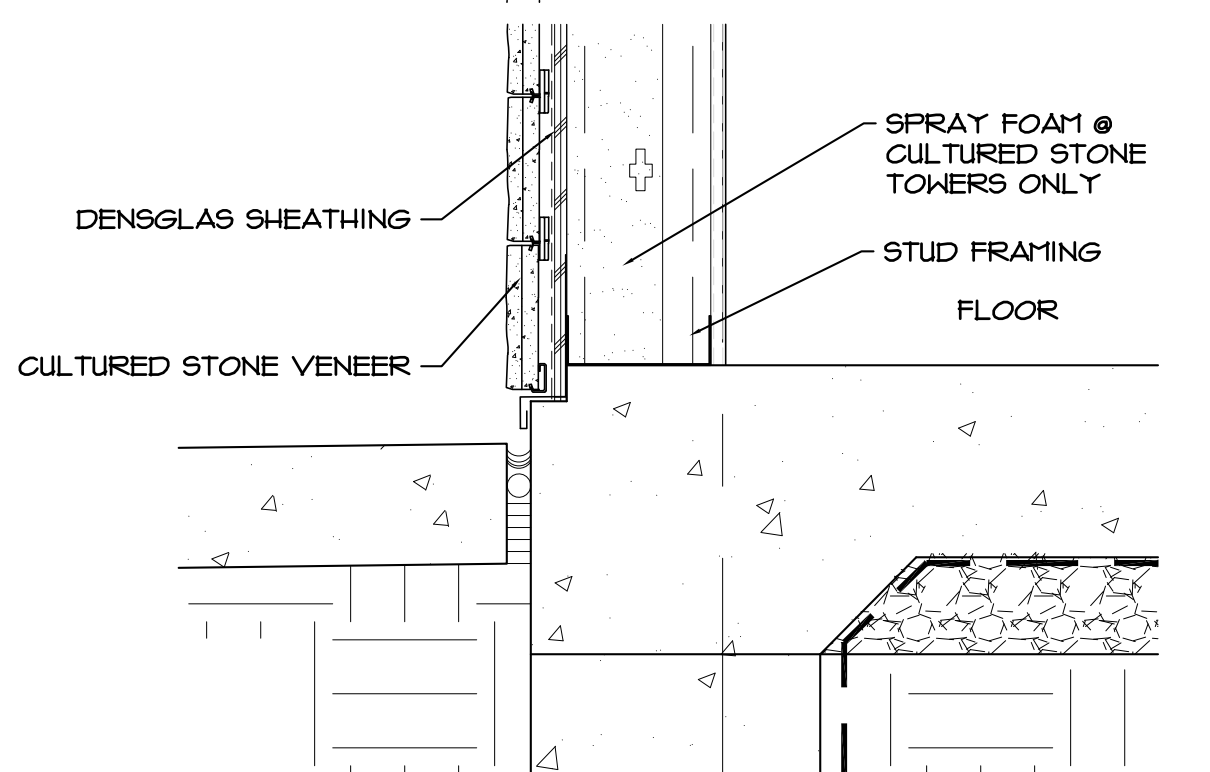
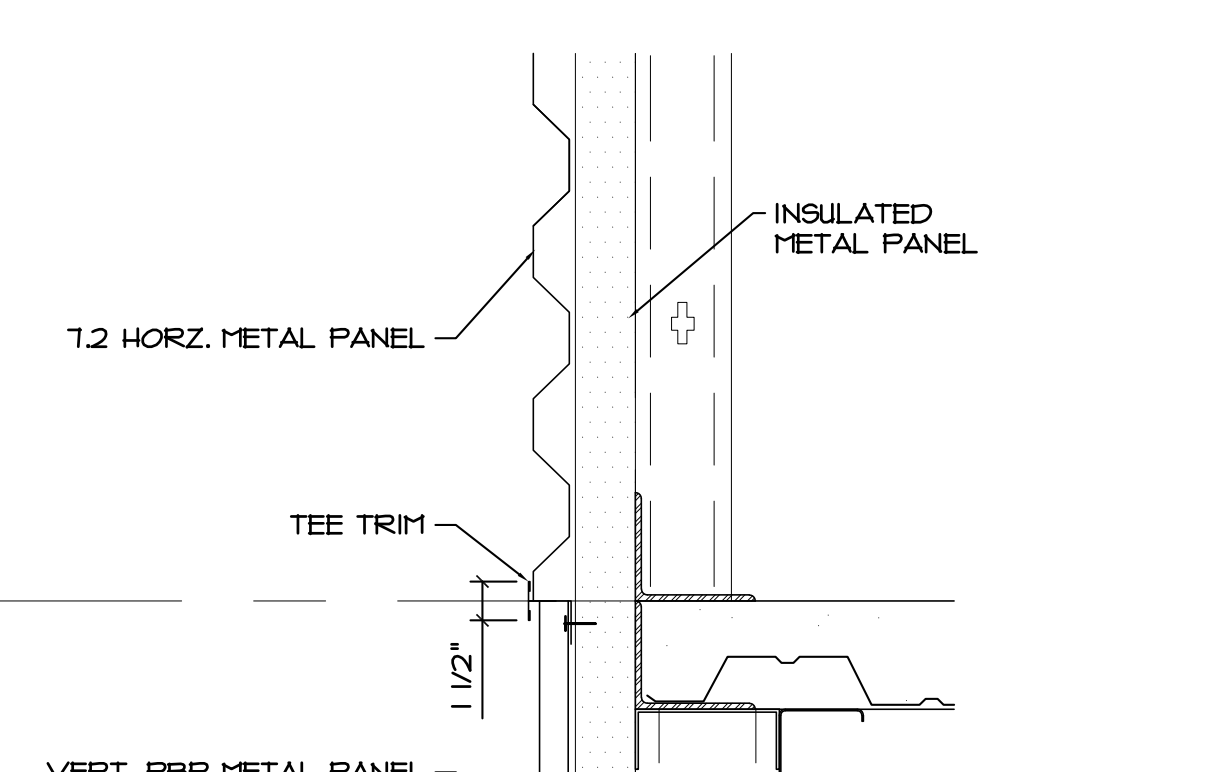
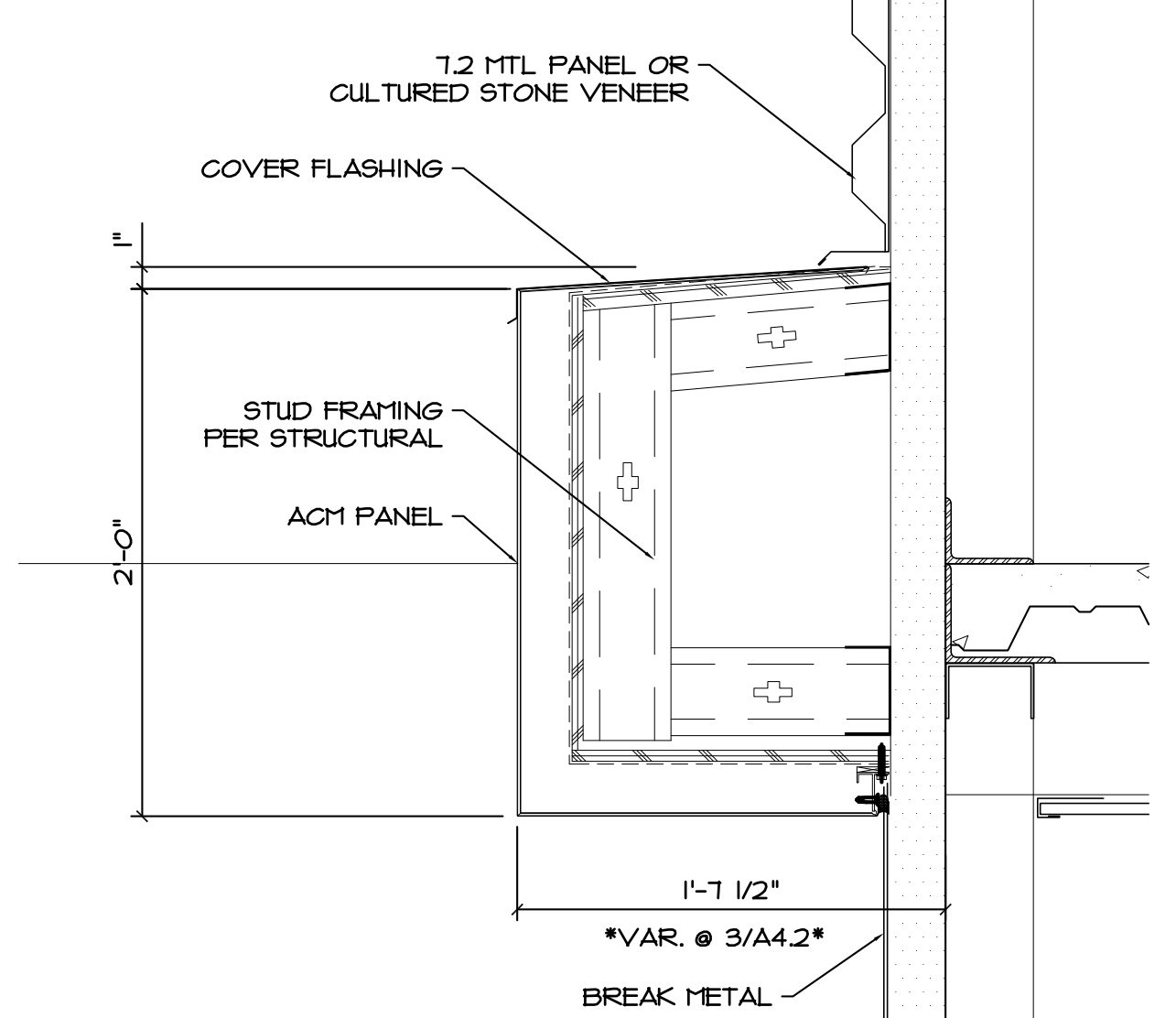
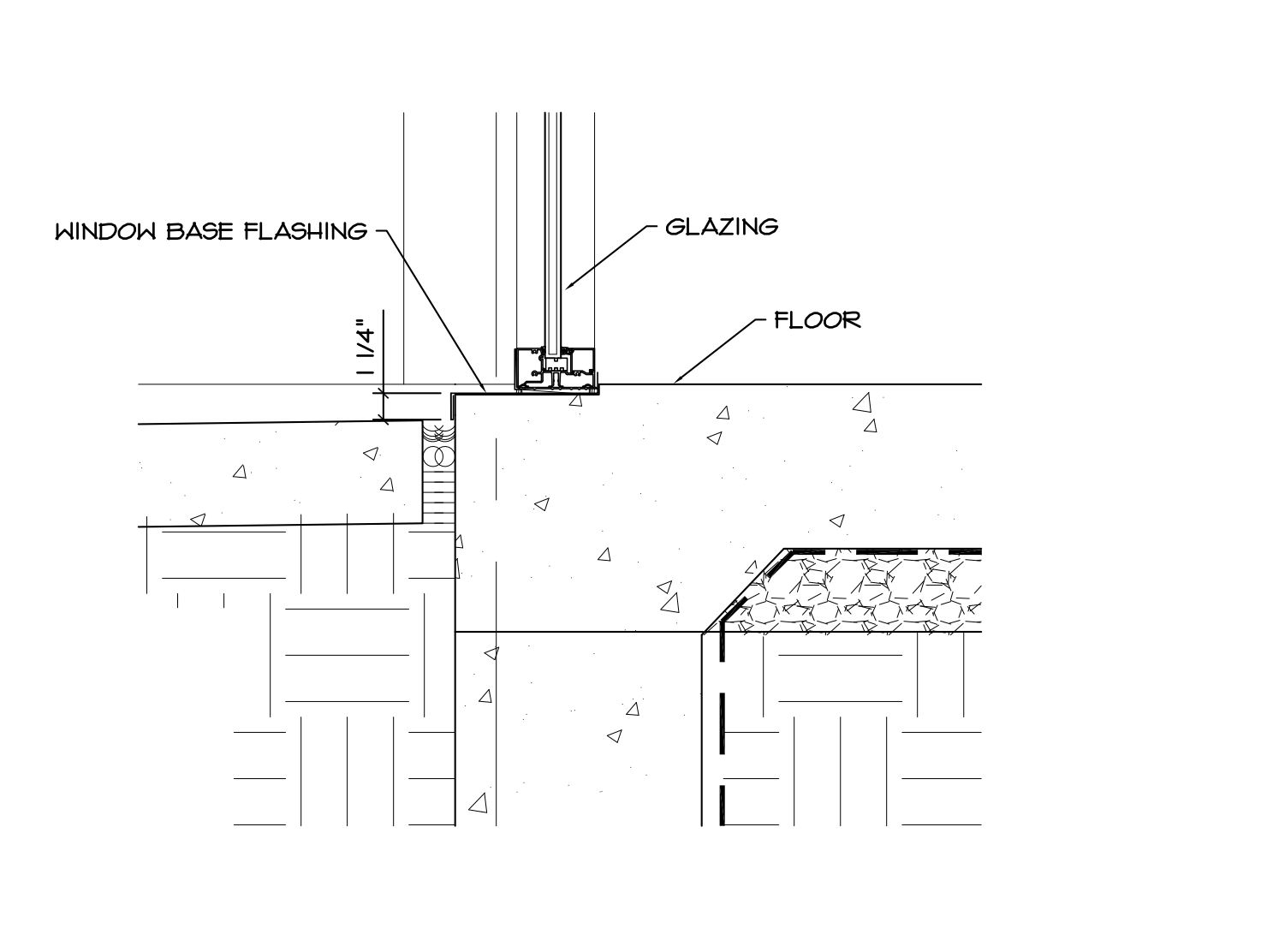
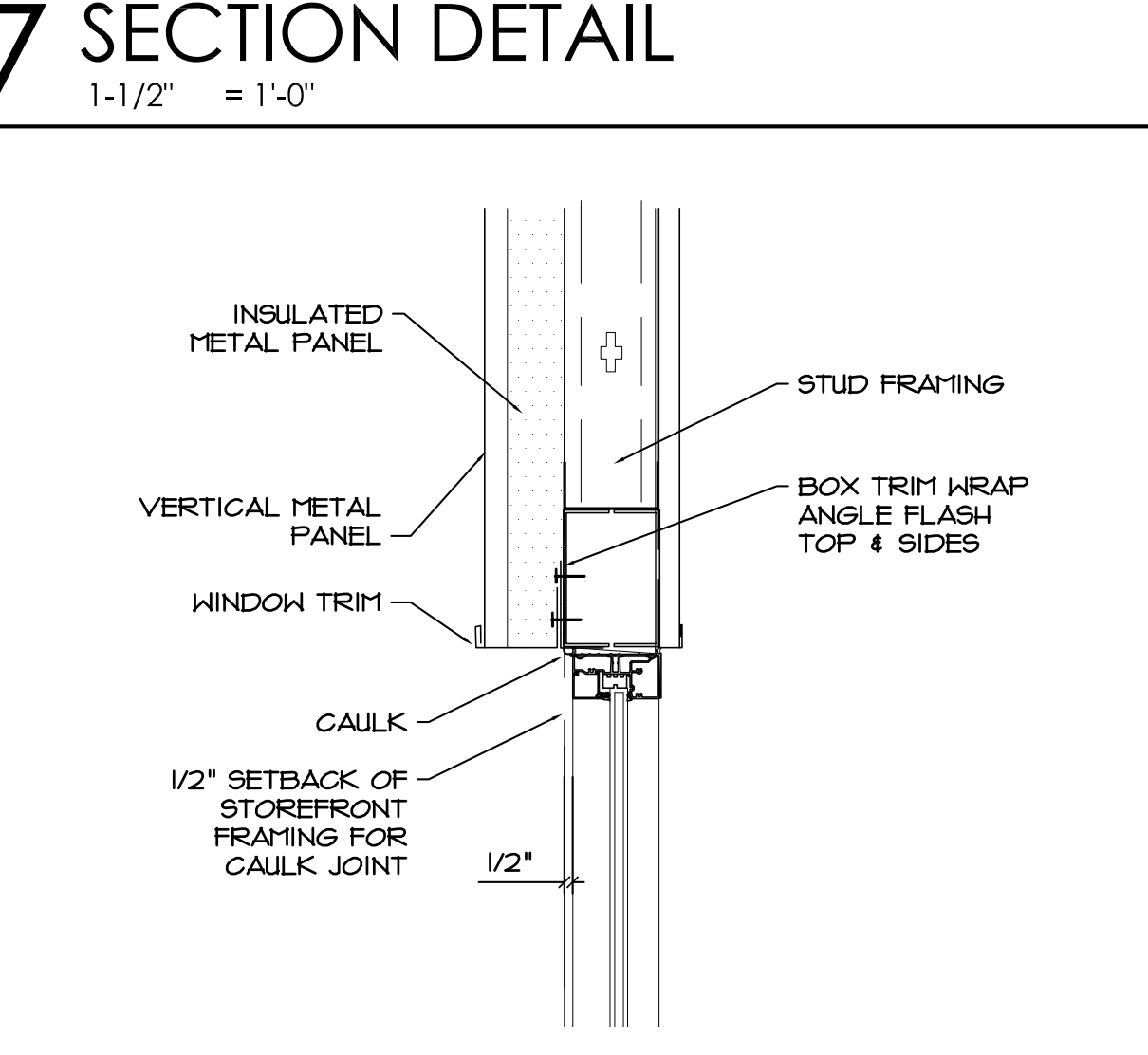
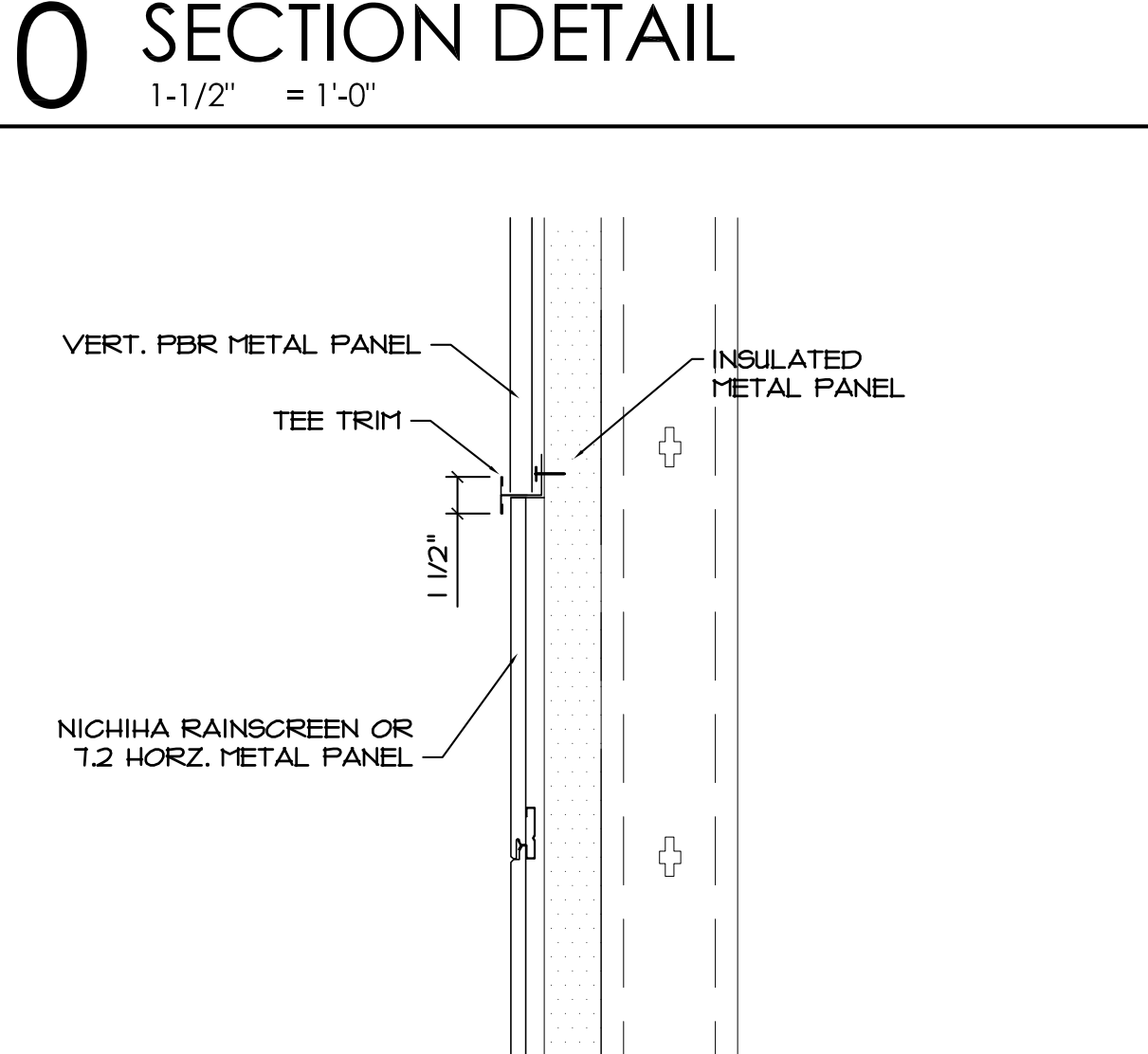
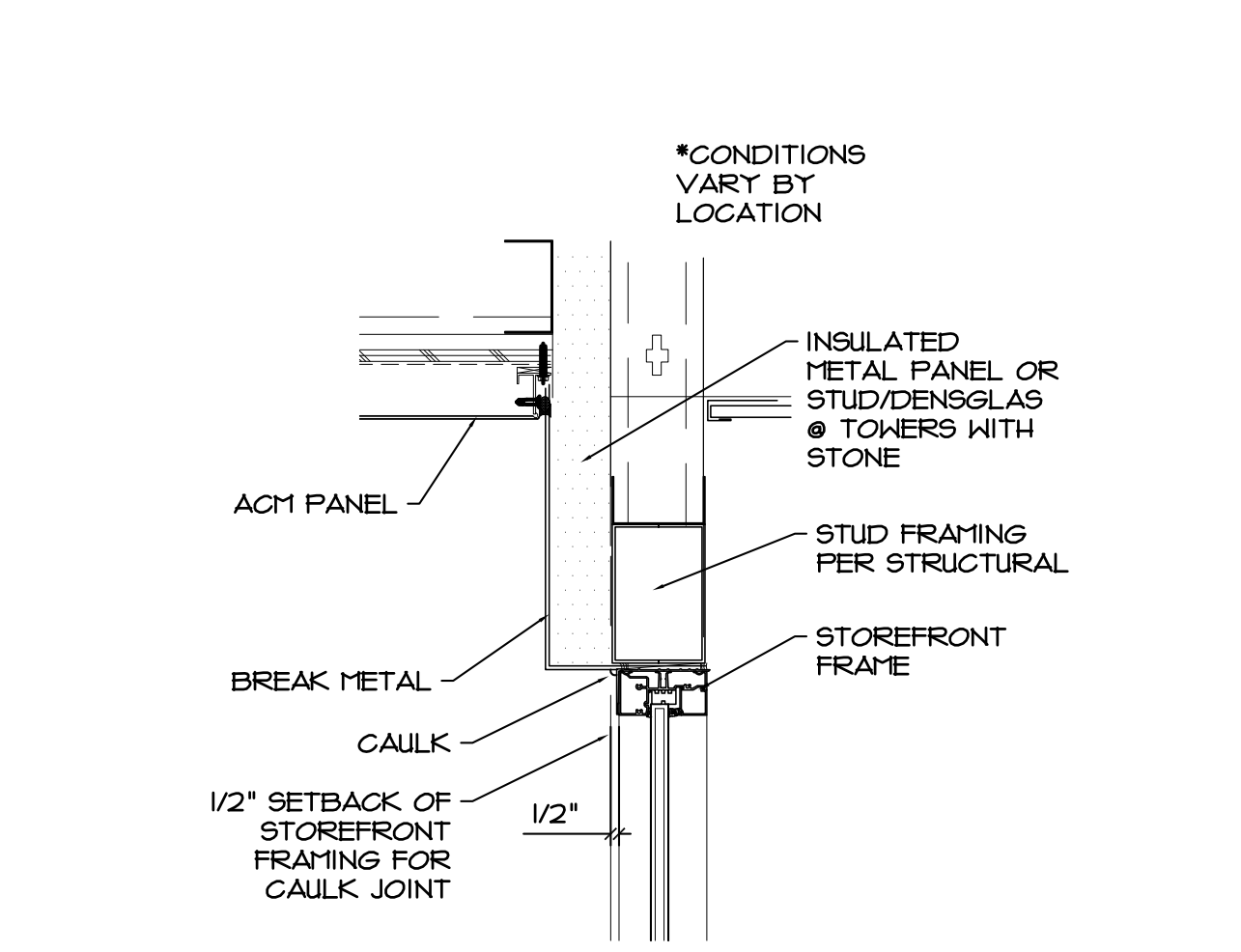
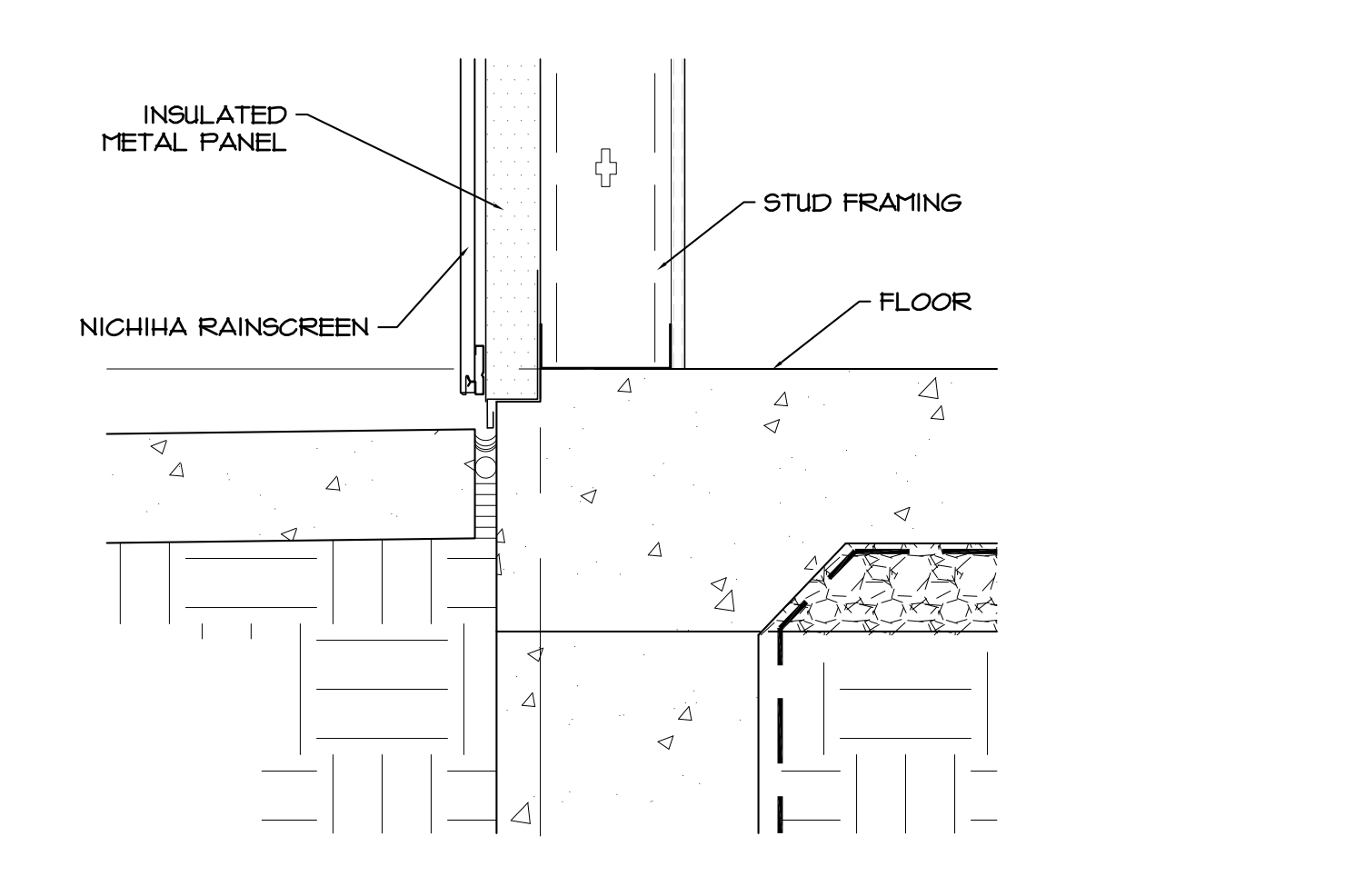
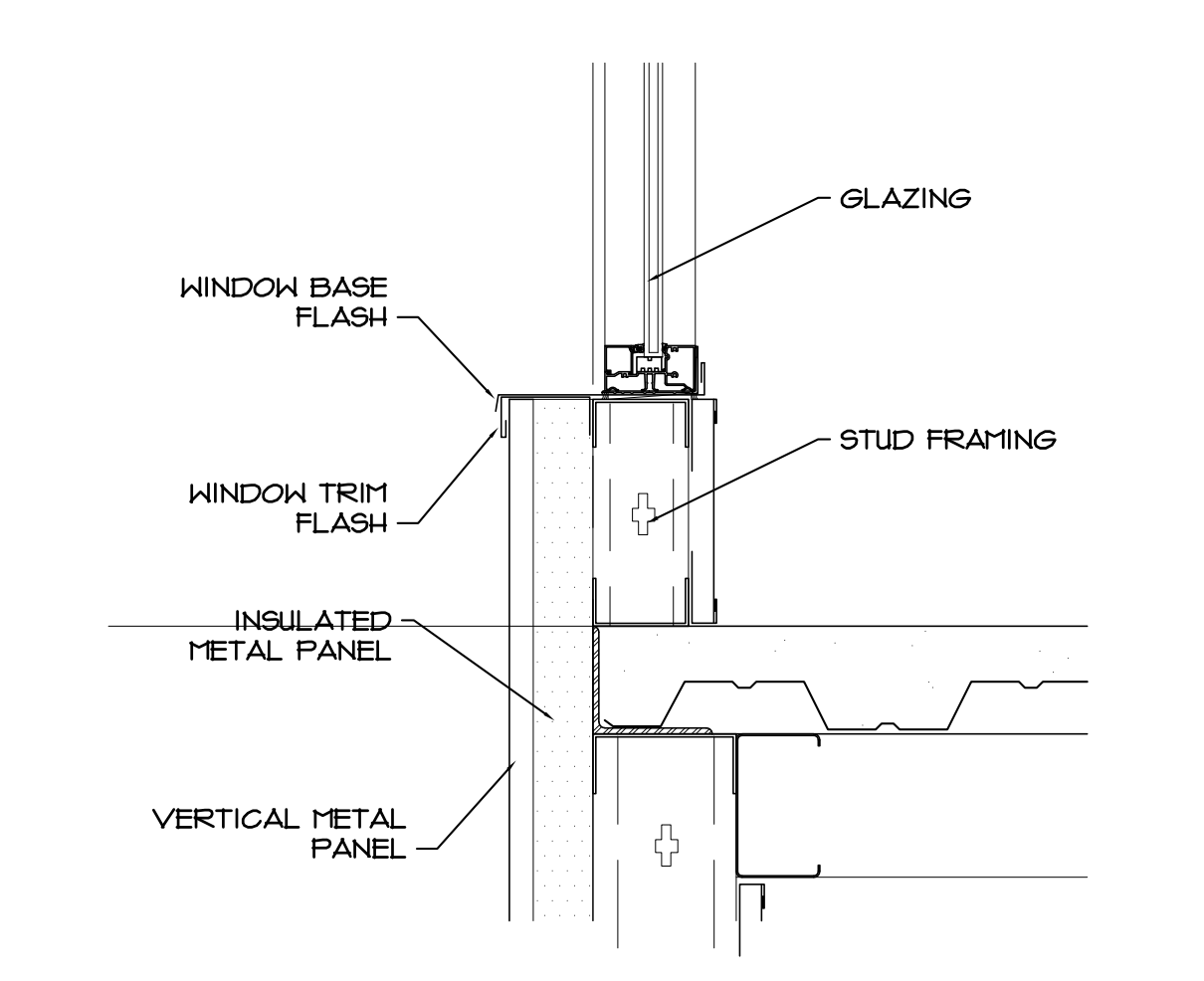
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WALL SECTIONS

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Revisions: 2028/06/08

A4.11



			
1 SECTION DETAIL 1-1/2" = 1'-0"	4 SECTION DETAIL 1-1/2" = 1'-0"		
			
2 SECTION DETAIL 1-1/2" = 1'-0"	5 SECTION DETAIL 1-1/2" = 1'-0"	8 SECTION DETAIL 1-1/2" = 1'-0"	11 SECTION DETAIL 1-1/2" = 1'-0"
			
3 SECTION DETAIL 1-1/2" = 1'-0"	6 SECTION DETAIL 1-1/2" = 1'-0"	9 SECTION DETAIL 1-1/2" = 1'-0"	



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SECTION DETAILS

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Revisions: 2023/01/03

A4.12



LAKELWOOD STORAGE
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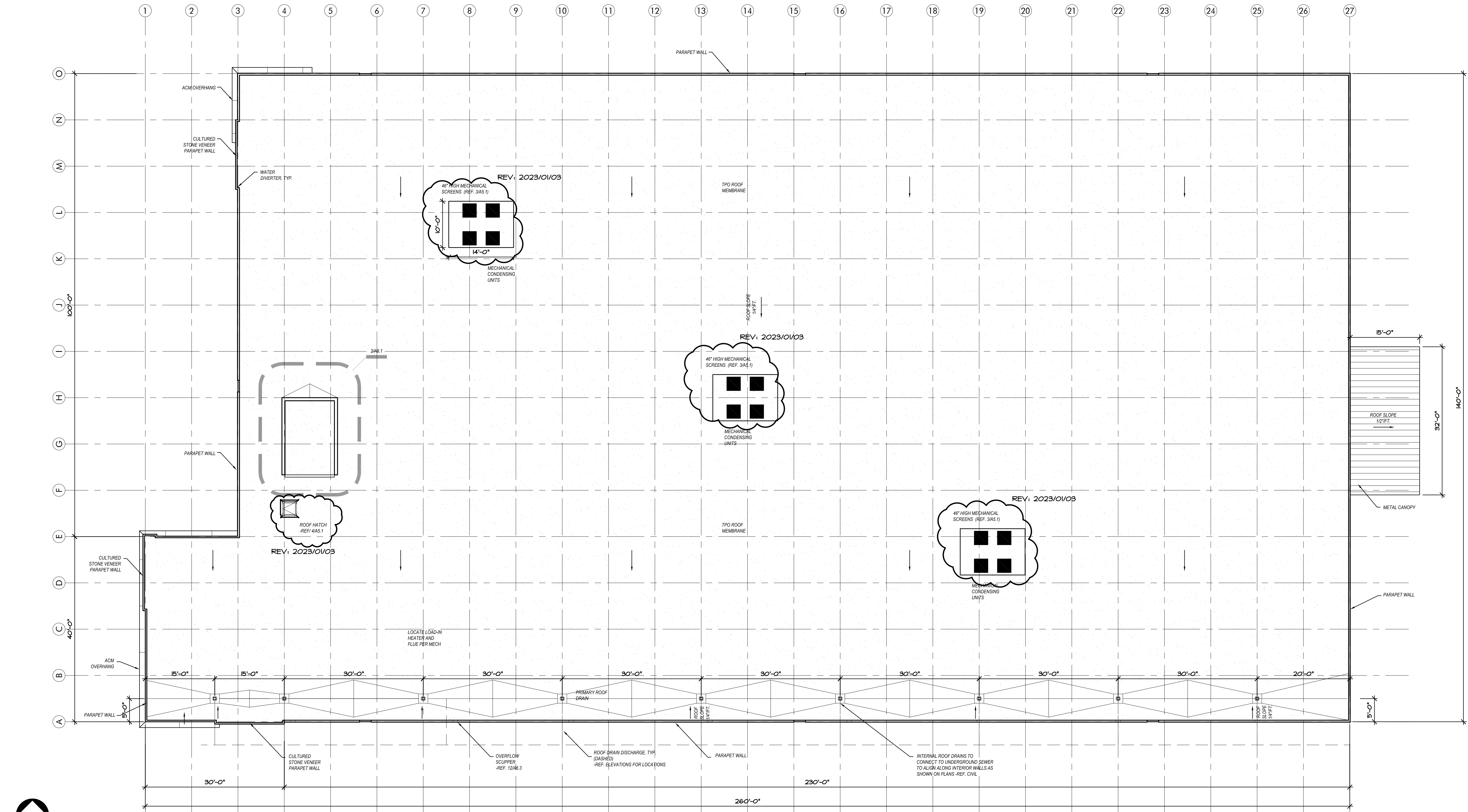
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ROOF PLAN

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Drawn by: SUB
Checked by: SCH
Revisions: 2023/01/03

A5.1



1 ROOF PLAN
3/32" = 1'-0"

2 DETAIL PLAN - ELEV
3/16" = 1'-0"

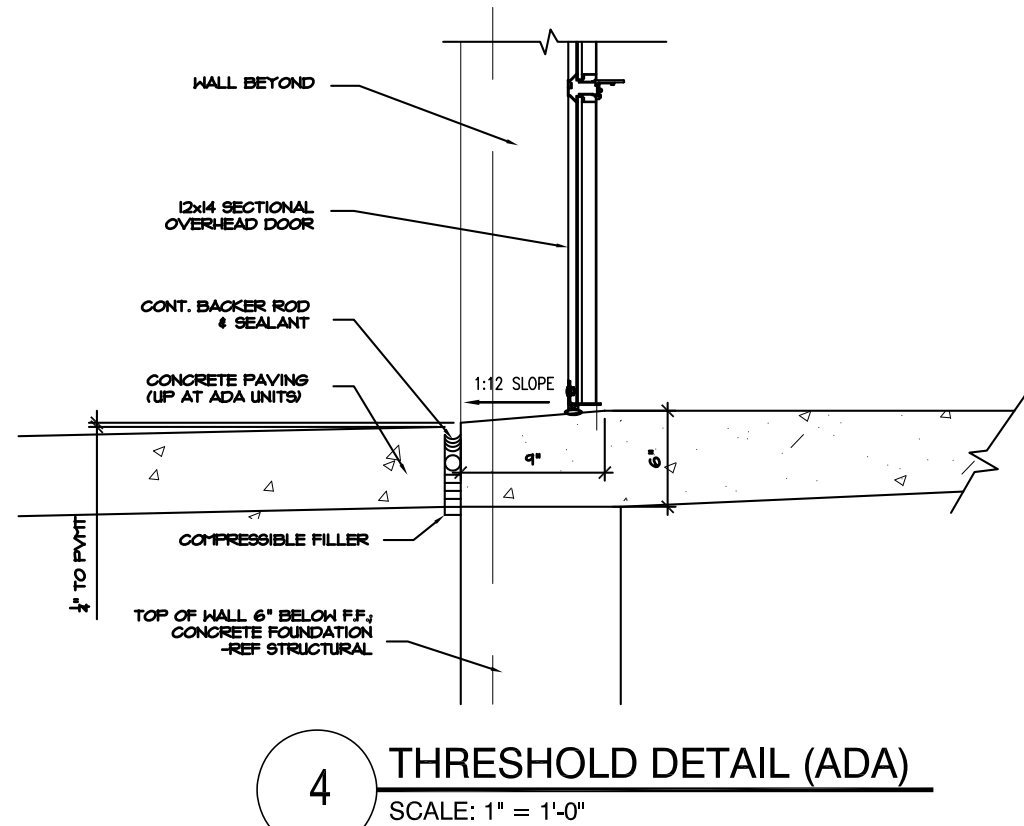
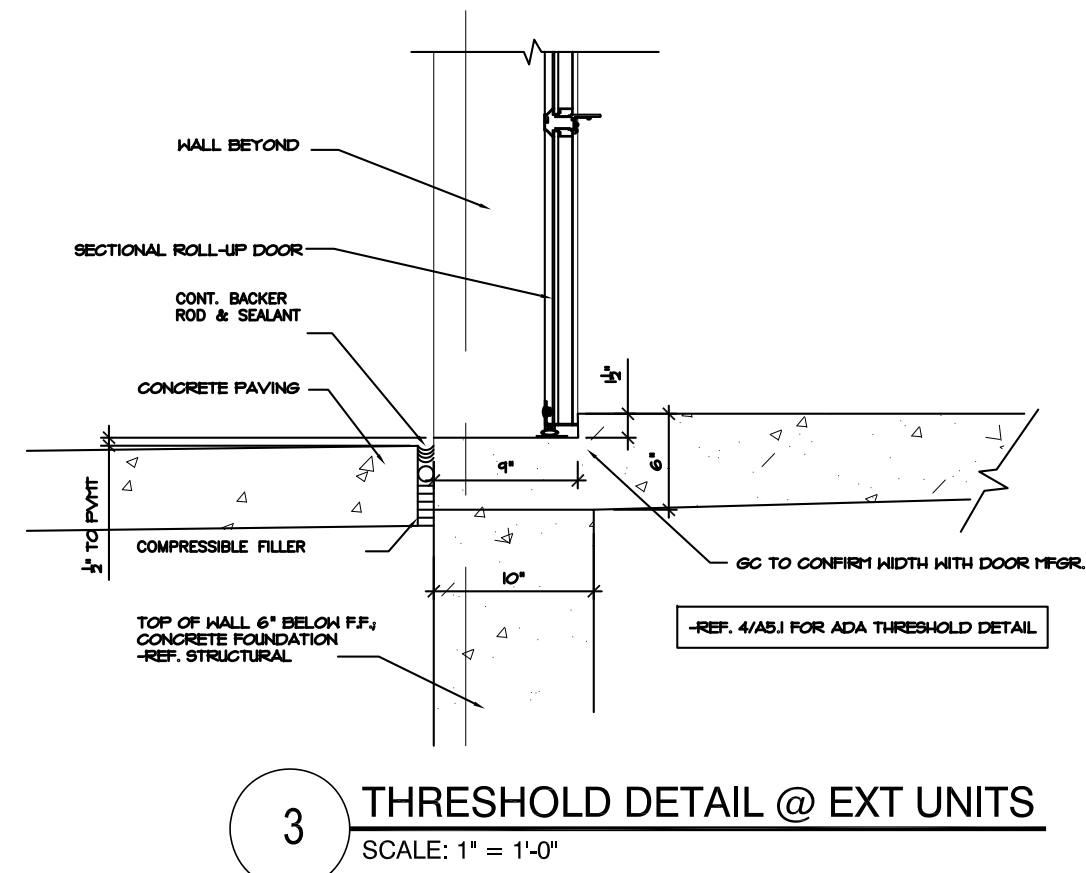
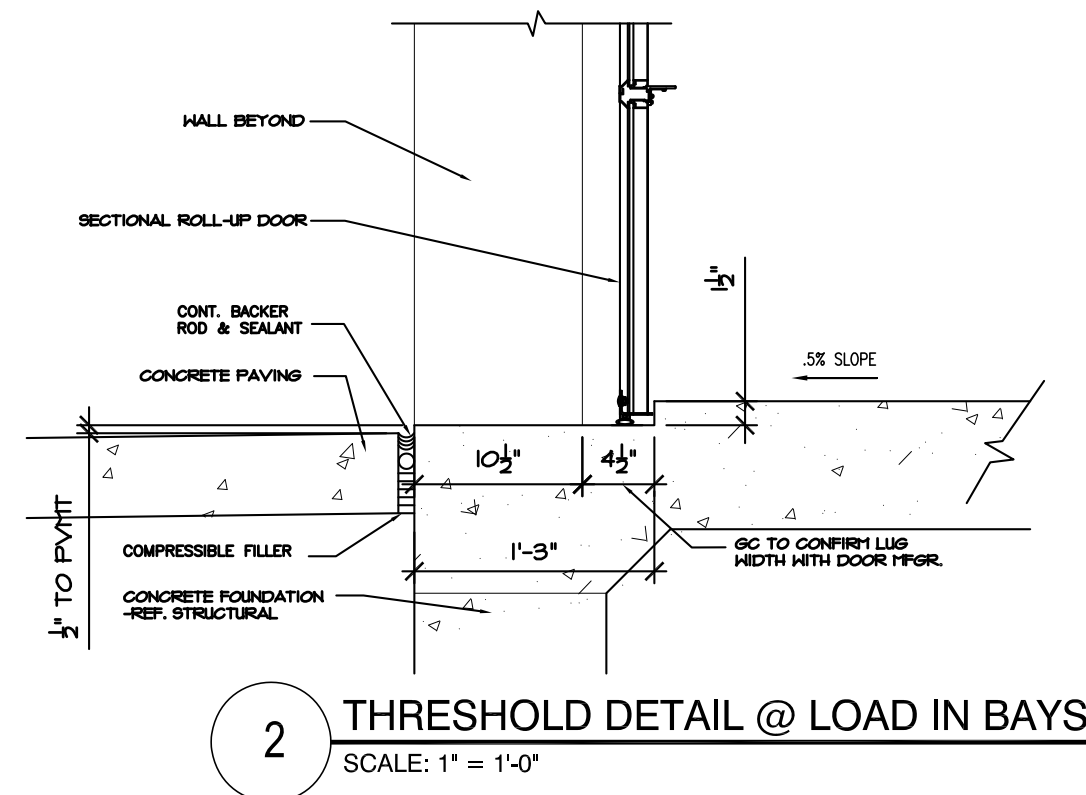
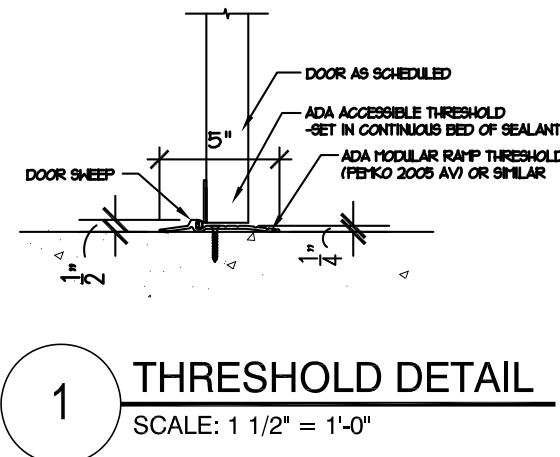
3 RTU SCREEN DTL
3/4" = 1'-0"

4 ROOF HATCH DETAIL
1/4" = 1'-0"



SCHEDULES

A6.1



DOOR NOTES

1. DOOR HARDWARE TO BE APPLIED BY OWNER BASED ON SUBCONTRACTOR SUBMITTAL.
2. CONTRACTOR TO COORDINATE DOOR HARDWARE AND FRAMES WITH SECURITY EQUIPMENT AND MAGNETIC HOLD OPEN DEVICES.
3. PROVIDE MIN. INTERIOR & EXTERIOR ACCESSIBLE HARDWARE, THRESHOLDS, SIGNAGE, ETC. TO COMPLY W/ ADA ACCESSIBILITY STANDARDS. REFERENCE FLOOR PLANS FOR LOCATIONS.
4. NOT USED
5. NOT USED
6. STORAGE ROLL-UP DOORS-PROVIDE ALUM. HANDLES W/ SLIDE BAR LATCH TO FRAME, CONTINUOUS ALUM. BOTTOM FULL BAR, WEATHER SEALS (EXTERIOR) AND REMOVABLE CYLINDER LOCK W/ EMERGENCY OVERRIDE LATCH OPERATOR TO OPERATOR.
7. GLAZING IN ALL EXTERIOR DOORS TO BE INSULATED LOW-E GLAZING W/ 1/4" DOUBLE PANES W/ 1/2" AIR SPACE (1" TOTAL) (TEMPERED).
8. THRESHOLDS 1 1/2" LUGS NOT REQUIRED AT AIRCOVE ENTRIES.
9. READILY VISIBLE DURABLE SIGN POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" -REF. SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
10. FIRE RATED DOORS TO BE SELF CLOSING OR AUTOMATIC CLOSING.
11. READILY VISIBLE DURABLE SIGN POSTED ON EGRESS SIDE ADJACENT TO DOOR STATING: "EXIT" IN TACTILE LETTERS & BRAILLE -REF SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
12. READILY VISIBLE DURABLE SIGN POSTED ON ENTRY SIDE OF DOOR STATING "TODAY IS A SAFE DAY" IN TACTILE LETTERS AND BRAILLE - REF. SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
13. ROLL UP DOORS TO MEET LOCAL WIND LOAD REQUIREMENTS.
14. CONSTRUCTION CORES TO REMAIN - REKEYING/MASTER KEYING BY OWNER
15. 3'-0" CLEAR MAN GATE - ORNAMENTAL IRON APPLIED METAL SECURITY MESH AT GATE AND ADJACENT FENCE PANEL EXTEND FULL LENGTH OF EITHER SIDE OF LOCKSET. LEVER HARDWARE PER ADA REQUIREMENTS.
16. SLIDING DOOR OPENING TO BE ON SAME SIDE AS MAN DOOR ADJACENT.
17. DOORS TO COMPLY WITH ENERGY CODES SHOWN ON SHEET A7.1.
18. DOORS TO COMPLY WITH LOCAL WIND LOAD CAPACITY.

STORAGE DOOR SCHEDULE					
MARK	WIDTH	HEIGHT	DOOR TYPE	FRAME TYPE	REMARKS
(A)	11'-0"	14'-0"	EXT. SECT.	-	17,28
(B)	8'-8"	8'-0"	EXT. SECT.	-	17,28
(C)			NOT USED		
(D)	8'-4"	7'-0"	INT. ROLL-UP	-	17
(E)	8'-0"	8'-0"	EXT. SECT.	-	17,28
(F)			NOT USED		
(G)	7'-4"	7'-0"	INT. ROLL-UP	-	17
(H)	3'-4"	7'-0"	INT. ROLL-UP	-	17
(J)	3'-0"	7'-0"	DUMMY DOOR	-	9,17
(K)	3'-0"	7'-0"	INT. ROLL-UP	-	17
(L)			NOT USED		
(M)	3'-0"	7'-0"	JANUS SWING	-	
(N)	3'-0"	7'-0"	JANUS SWING	-	17,29

DOOR SCHEDULE						
LOCATION	MARK	WIDTH	HEIGHT	DOOR TYPE	FRAME TYPE	REMARKS
OFFICE ENTRY	(1)	3'-0"	7'-0"	2	STFT	1,2,3,5,8,9,11,15,16,17,18,23
MDF ROOM	(2)	3'-0"	7'-0"	3	1	11,15,20
AHU ROOM	(3)	3'-0"	7'-0"	3	1	7,10,11,20
OFFICE / LOADING	(4)	3'-0"	7'-0"	1	1	11,15,20
OFFICE / STORAGE	(5)	3'-0"	7'-0"	3	1	11,15,20
TOILET ROOM	(6)	3'-0"	7'-0"	3	1	11,14,20,24
TOILET ROOM	(7)	3'-0"	7'-0"	3	1	11,14,20,24
ALCOVE ENTRY	(8)	4'-0"	7'-0"	1	1	1,2,3,4,10,11,12,13,16,19,24
LOADING EXIT	(9)	3'-0"	7'-0"	1	1	1,2,3,8,10,11,12,16,19,24
STAIR B - 1ST FLR	(10)	3'-0"	7'-0"	4	1	1,2,6,10,11,19,24
STAIR B - EXIT	(11)	3'-0"	7'-0"	4	1	1,2,3,8,10,11,12,16,19,24
ELEV. ACCESS	(12)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
ELEV. ACCESS	(13)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
ELECTRICAL ROOM	(13)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
FIRE RISER ROOM	(14)	6'-0" PR	7'-0"	3	1	2,3,8,10,11,12,16,20
ALCOVE ENTRY	(15)	4'-0"	7'-0"	1	1	1,2,3,4,10,11,12,13,16,19,24
STAIR A - 1ST FLR	(16)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR A - EXIT	(17)	3'-0"	7'-0"	3	2	1,2,3,8,10,11,12,16,19,24
STAIR A	(18)	3'-0"	7'-0"	3	2	1,2,3,8,10,11,12,16,19,24
SLIDING DOOR	(19)	9'-0"	7'-8"	5R	-	3,13,19,21,22,27
STAIR B - 2ND FLR	(20)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR A - 3RD FLR	(21)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR B - 3RD FLR	(22)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
MAN GATE	(23)	3'-0"	6'-0"	7	-	1,2,24,25

REMARKS:	
1: PANIC HARDWARE	16: DOOR SWEEP
2: DOOR CLOSER	17: COLOR: REF. SHEET A7.1
3: WEATHER STRIPPING	18: DOOR SIGNAGE @ ENTRY
/ THRESHOLD	(REF. NOTE 9)
-REF. DETAIL 1/A5.1	19: DOOR SIGNAGE @ EXITS
4: MAGNETIC HOLD OPEN	(REF. NOTE 11)
DOORS W/ 15 MINUTE TIMER	20: DOOR SIGNAGE @
5: DEADBOLT	IDENTIFYING ROOMS
(FIRE RATED - 1HR	(REF. NOTE 12)
REF. NOTE 10)	21: STANLEY ACCESS CONTROL
7: VENTED AT AHU LOCATIONS	(PANIC BAR & ELECTRIC LOCK)
8: DRIP FLASHING	22: STANLEY TIMER
9: FIXED "DUMMY" DOORS	23: MAIL-SLOT
10: STORAGE LOCKSET	24: KICKPLATE ON PUSH SIDE
11: DOOR STOP	25: MAN GATE KEYSET
12: INSULATED	26: NOT USED
13: KEY PAD	27: RIGHT HAND OPENING
14: TR LOCKSET	28: INSULATED SECTIONAL ROLL-UP
15: OFFICE LOCKSET	DOOR
	29: CLASP ON LATCH PUSH SIDE
	30: LEFT HAND OPENING



Date: 2022/11/08
 Drawn by: SJB
 Checked by: SCH
 Revisions: 2023/01/03

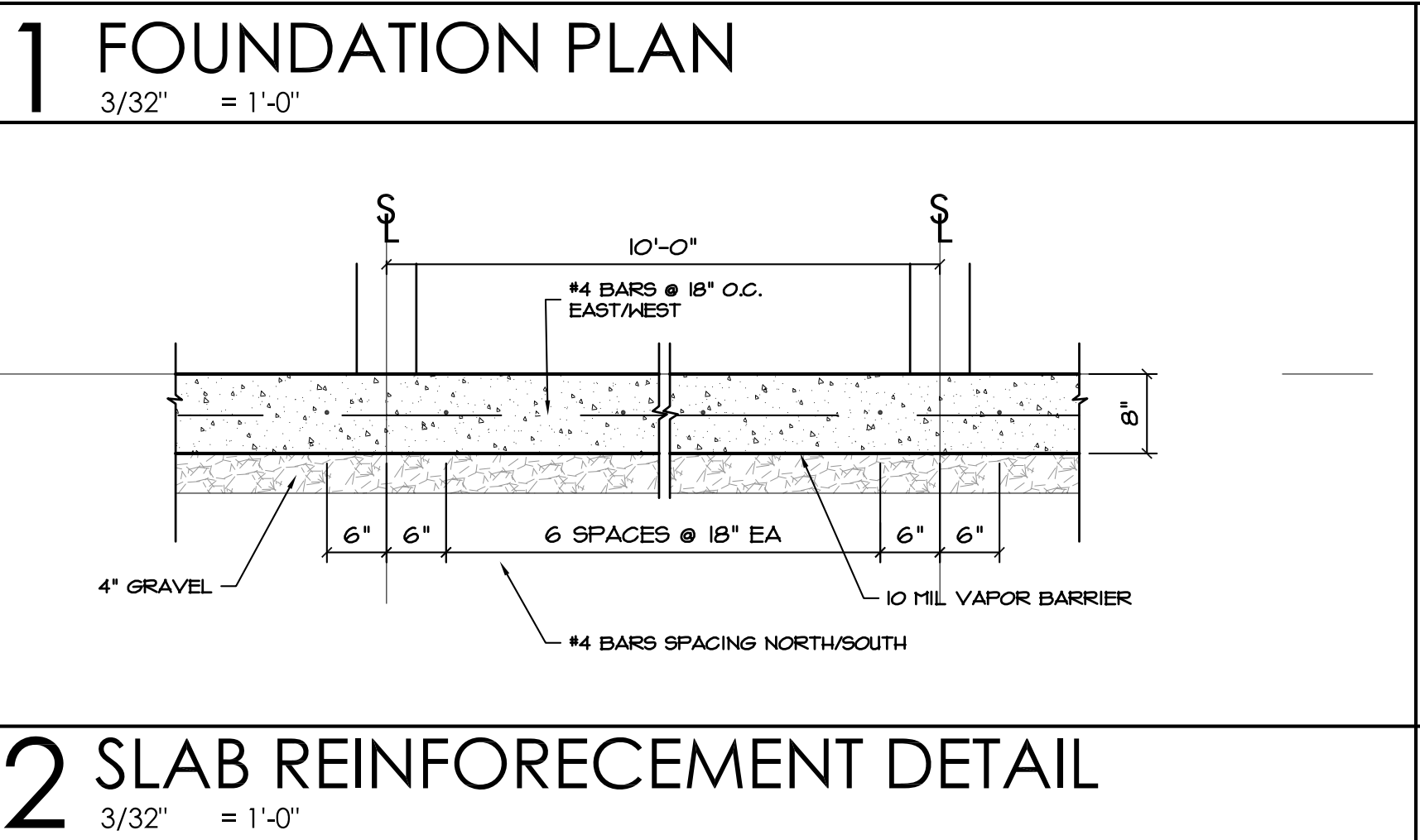
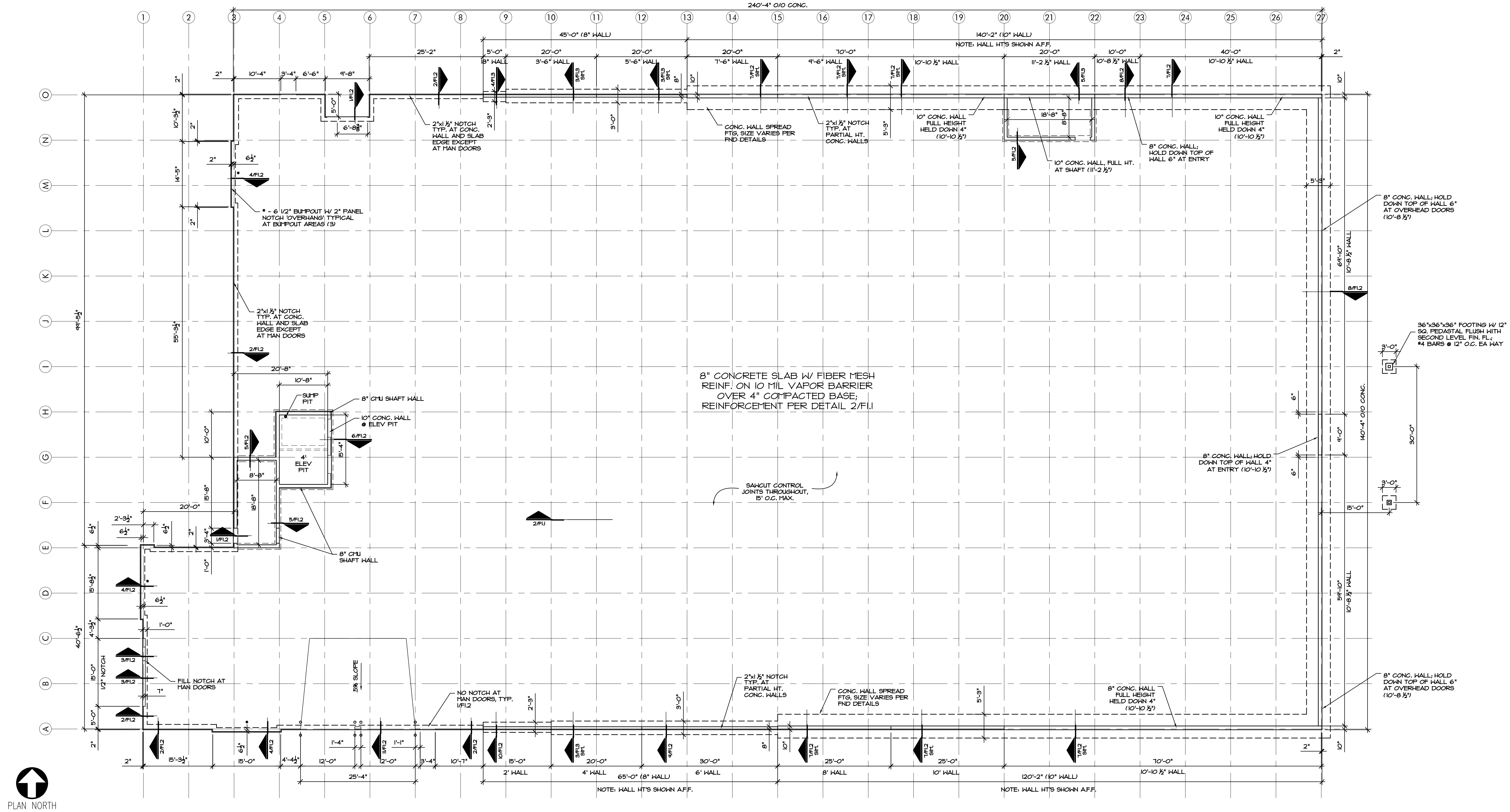
A6.2

1. VERIFY ALL ROUGH OPENING DIMENSIONS IN RELATION TO STRUCTURAL DRAWINGS. FRAME SIZES TO BE ADJUSTED AS NECESSARY FOR PROPER SHIM, FLASHING, AND THERMAL EXPANSION.
2. SAFETY (TEMPERED) GLAZING IS REQUIRED IN AN INDIVIDUALLY FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE (IBC 2406.3.6).
3. STOREFRONT INSULATED LOW-E GLAZING TO BE 1/4" DOUBLE PANE WITH 1/2" AIR SPACE(1" TOTAL)(TEMPERED).
4. EXTERIOR INSULATED LOW-E GLAZING TO BE 1/4" DOUBLE PANE WITH 1/2" AIR SPACE (1" TOTAL) (TEMPERED).
5. FLASH AND WEATHERSTRIP ALL EXTERIOR WINDOWS TO PROVIDE WATER RESISTANT ASSEMBLY.
6. WINDOW DIMENSION @ FIRST FINISHED FLOOR IS FROM LUG TO SILL.
7. WINDOW AND DOOR DIMENSIONS ARE ROUGH OPENINGS. DOORS, FRAMES, WINDOWS, ETC. ARE TO BE SIZED TO ALLOW FOR TOLERANCES TO MEET INDUSTRY STANDARDS AND THERMAL EXPOSITION (DEFINE IN SHOP DRAWINGS).
8. STOREFRONTS TO BE ANODIZED ALUMINUM.

The drawings show ten details (A-J) of storefront windows and doors. Each detail is a grid of glass panes with dimensions and material specifications.

- Detail A:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 15'-1" wide, 8'-0" high. Includes a door as scheduled.
- Detail B:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 24'-0" wide, 8'-10" high. Includes brake metal.
- Detail C:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 5'-0" wide, 8'-0" high.
- Detail D:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 17'-1 1/2" wide, 8'-10" high. Includes brake metal.
- Detail E:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 15'-0" wide, 8'-10" high. Includes brake metal.
- Detail F:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 9'-8" wide, 8'-10" high. Includes brake metal.
- Detail G:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 14'-0" wide, 8'-10" high. Includes brake metal.
- Detail H:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 2'-6" wide, 6'-8" high. Includes spandrel glass.
- Detail I:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 2'-6" wide, 6'-8" high. Includes spandrel glass.
- Detail J:** Anodized aluminum storefront 2" x 4 1/2" frame. Dimensions: 2'-6" wide, 6'-8" high. Includes spandrel glass.

Material specifications: Anodized aluminum, 2" x 4 1/2" frame, brake metal, spandrel glass.

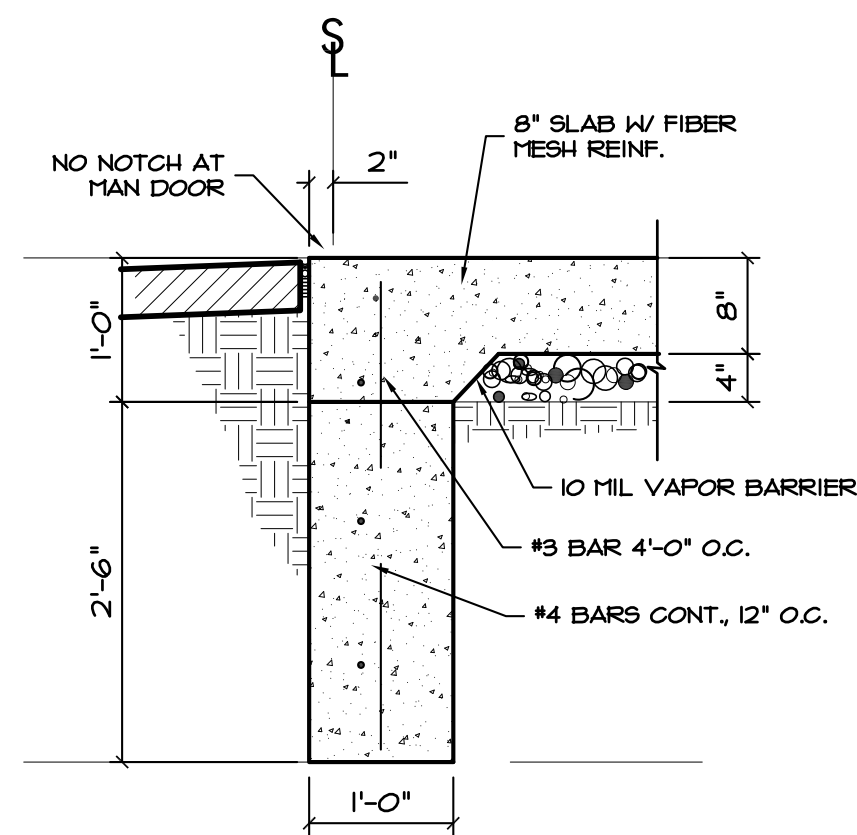


1 FOUNDATION PLAN
3/32" = 1'-0"

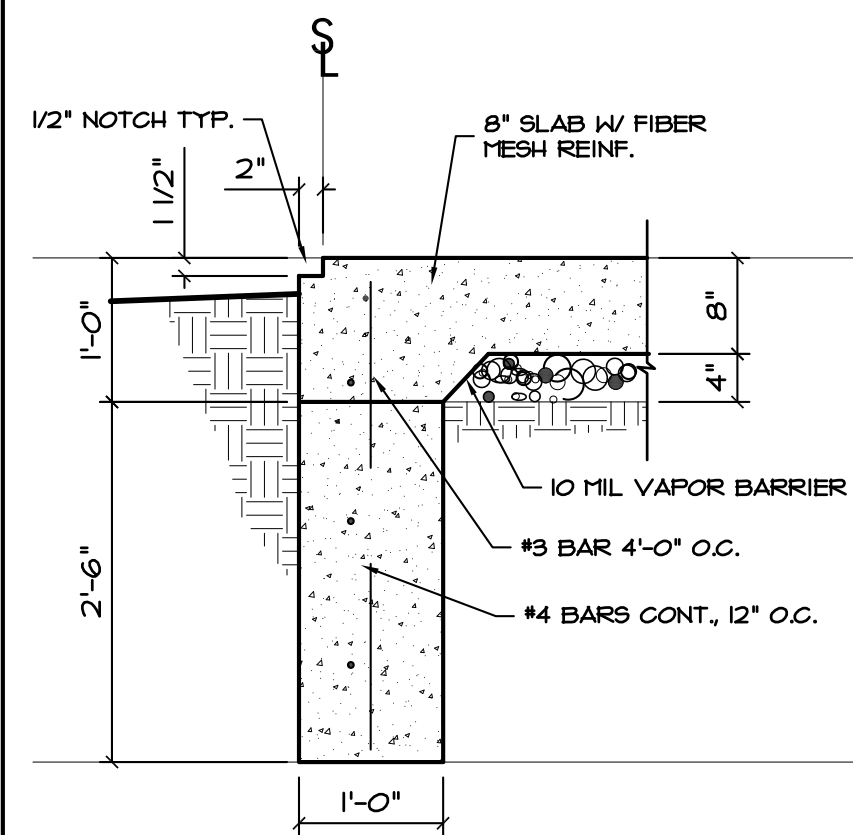
2 SLAB REINFORCEMENT DETAIL
3/32" = 1'-0"

FOUNDATION NOTES

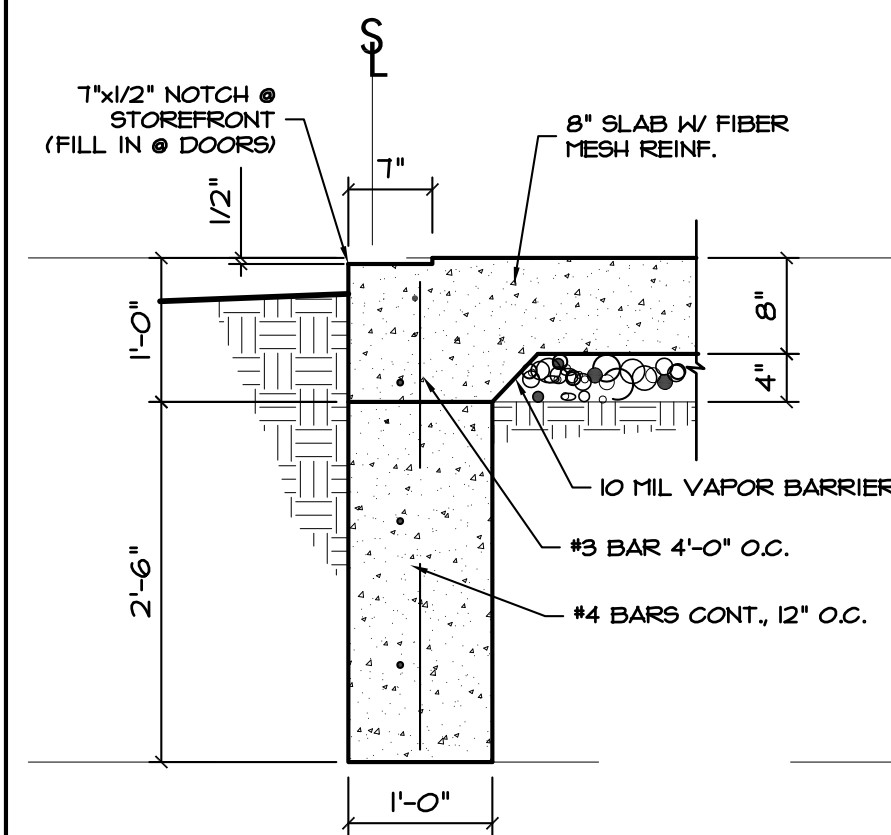
CONCRETE NOTES:
1. Foundation Wall Backfill: Perform at least two filled density tests at locations and elevations as directed. Backfill all poured walls with 1/2" rock in 8" lifts. Compact with plate compactor.
2. Specifications:
A. Compressive Strength: 4000 psi slab on grade, 3500 psi walls, 3000 psi footings, 4000 psi suspended slabs, minimum at 28 days, unless otherwise indicated.
B. Water-Cement Ratio: 0.45 maximum unless otherwise indicated.
C. Slump Range: 8" for concrete containing high-range water-reduced admixture (super plasticized); 4" for footings & 5" for slabs and walls.
D. Air Content: 5% to 8%
E. Soil Bearing Strength: Minimum allowable per Soils Report, or 1500 psf in lieu of Soils Report.
3. Preparation:
A. Remove loose material from compacted subbase surface immediately before placing concrete.
B. Preinstall prepared subbase surface to check for unstable areas and need for additional compaction. If subgrade is "pumping" under a wheel load - STOP and consult engineer.
4. Check completed form work for grade and alignment to following tolerances:
A. Top of forms not more than 1/8" in 10'.
B. Vertical face on longitudinal axis, not more than 1/4" in 10'.
5. Concrete Placement: Do not place concrete until subbase and forms have been checked for line and grade. Moist subbase to provide a uniform dampened condition at time concrete is placed. Do not place concrete around floor drains or other structures until they are at required finish elevation and alignment.
6. Use bonding agent at locations where fresh concrete is placed against hardened or partially hardened concrete surfaces.
7. Deposit and spread concrete in a continuous operation between transverse joints, as far as possible. If interrupted for more than 1/2 hour, place a construction joint.
8. Construction joints: Place construction joints at end of placements and at location where placement operations are stopped for a period of more than 1/2 hour, except where such placements terminate at expansion joints.
9. Provide premolded joint filler for expansion joints @ 100' minimum.
10. After floating, test surface for trueness with a 10' straightedge. Distribute concrete as required.
11. Use membrane-forming curing methods or curing compound or approved moisture-curing methods.
12. Slump Limits: Proportion and design mixes to result in concrete slump at point of placement as follows:
A. Ramps, slabs, and sloping surfaces - Not more than 5".
B. Reinforced foundation systems - Not less than 1" and not more than 4".
C. Concrete containing HRWR admixture (super plasticized) - Not more than 8" after addition of HRWR to site-verified 2" to 3" slump concrete.
D. Other concrete - Not more than 4" (except for masonry fill as noted above).
13. When air temperature is between 85 degrees F and 90 degrees F, reduce mixing and delivery time to 1-1/2 hours to 15 minutes, and when air temperature is above 90 degrees F, reduce mixing and delivery time to 60 minutes.
14. Cover compacted subgrade with granular material and compact to a depth as shown on drawings.
15. If joint pattern is not shown, provide joints not exceeding 5' in either direction and located to conform to bay spacing whenever possible (at column centerlines, half-bays, third-bays). Saw cut 1/8" x 1/4" of slab surface within 12 hours of application of curing compound.
16. Great care should be given to pulling wire or fiber mesh up 1/2 way into poured concrete.
17. Hot Weather Placing: When hot weather conditions exist that would seriously impair quality and strength of concrete:
A. Cool ingredients before mixing to maintain concrete temperature at time of placement below 90 degrees F. Mixing water may be chilled, or chopped ice may be used to control temperature provided water equivalent of ice calculated to total amount of mixing water.
B. Fog spray forms, reinforcing steel, and subgrade just before concrete is placed.
18. Cold Weather Placing:
A. Cold weather concrete procedures are to be followed when the average daily outside temperature (average over 24 hour period) is below 40 degree for three consecutive days, and the temperature is not greater than 50 degrees for more than half of a 24 hour period.
B. Concrete shall not be placed on frozen subgrade. Remove all snow and ice from all concrete forms and the subbase before placing the concrete.
C. Check the temperature of, and heat if necessary, the subbase and any other surfaces that come in contact with the concrete to ensure they are not below 32 degrees F.
D. Concrete ready mix temperature at time of placement to be 55 degrees F minimum for slab on grade and 50 degrees F minimum for footings.
E. Slump shall be 4 inches or less.
F. Cover the newly placed concrete with blankets to retain the heat generated by the hydration process to protect the concrete from freezing for 3 days.
G. During periods not cold enough to meet the "cold weather" definition in Note A, but when freezing temperatures may occur, concrete shall be protected from freezing for the first 24 hour period after placement.
19. Providing curbing and sealing compound to exposed interior slabs and to exterior slabs, walks, and curbs as follows:
A. Apply specified curing and sealing compound to concrete slabs as soon as final finishing operations are complete (within 2 hours and after water sheen has disappeared). Apply uniformly in continuous operation by power spray or roller in accordance with manufacturer's directions. Re-coat areas subjected to heavy rainfall within 3 hours after initial application. Maintain continuity of coating and repair damage during curing period.
B. Use membrane curing compounds that will not affect surfaces to be covered with finish materials applied directly to concrete.
20. The General Contractor shall be responsible for reviewing the Geotechnical Report and shall follow the recommendations specified therein, including but not limited to, subgrade preparations, ground water management and steep slope best management practices.
21. Provide special inspections in accordance with Chapter 17 of the 2018 IBC
22. Design Criteria 2018 IBC
23. Design values for allowable soil pressure are 2,000 psf at continuous footings and 2,500 psf at spread footings.



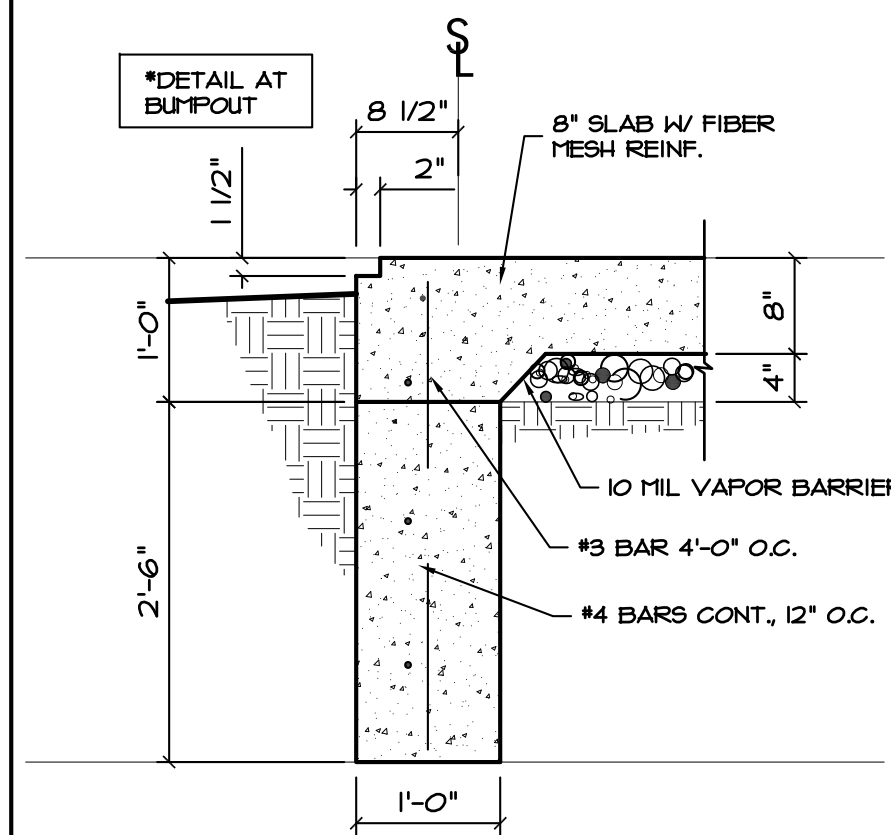
1 FOUNDATION DTI
3/4" = 1'-0"



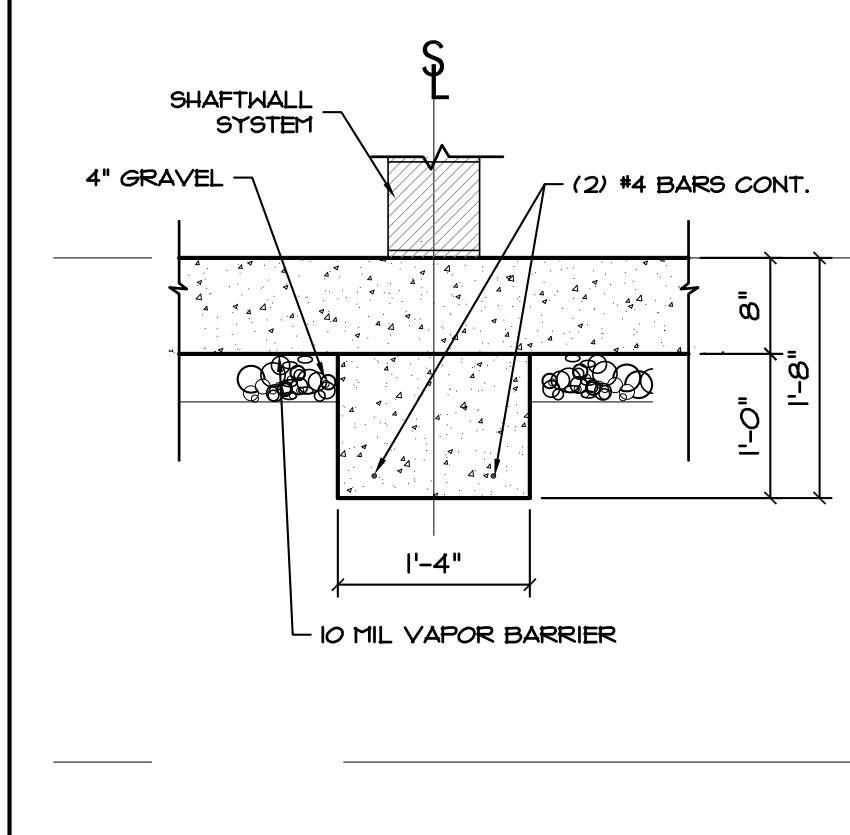
2 FOUNDATION DT
3/4" = 1'-0"



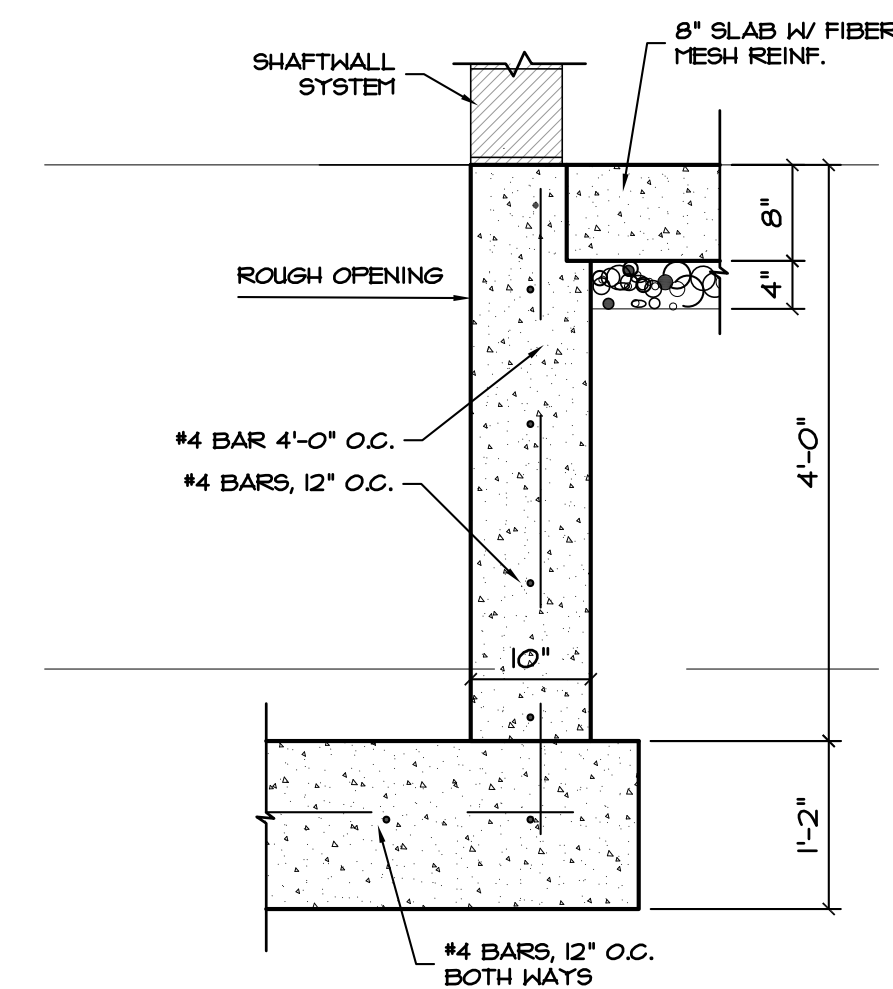
3 FOUNDATION DTL



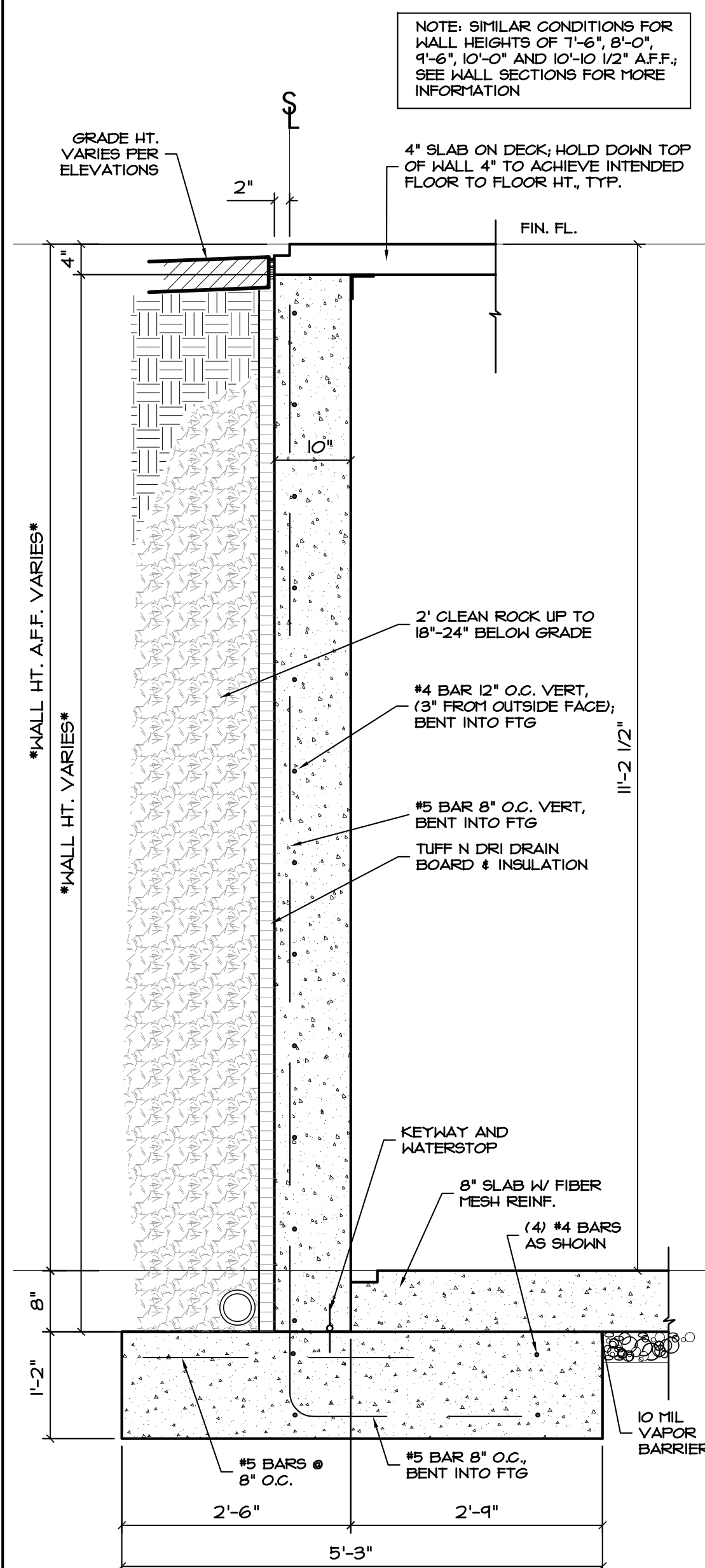
4 FOUNDATION DTL



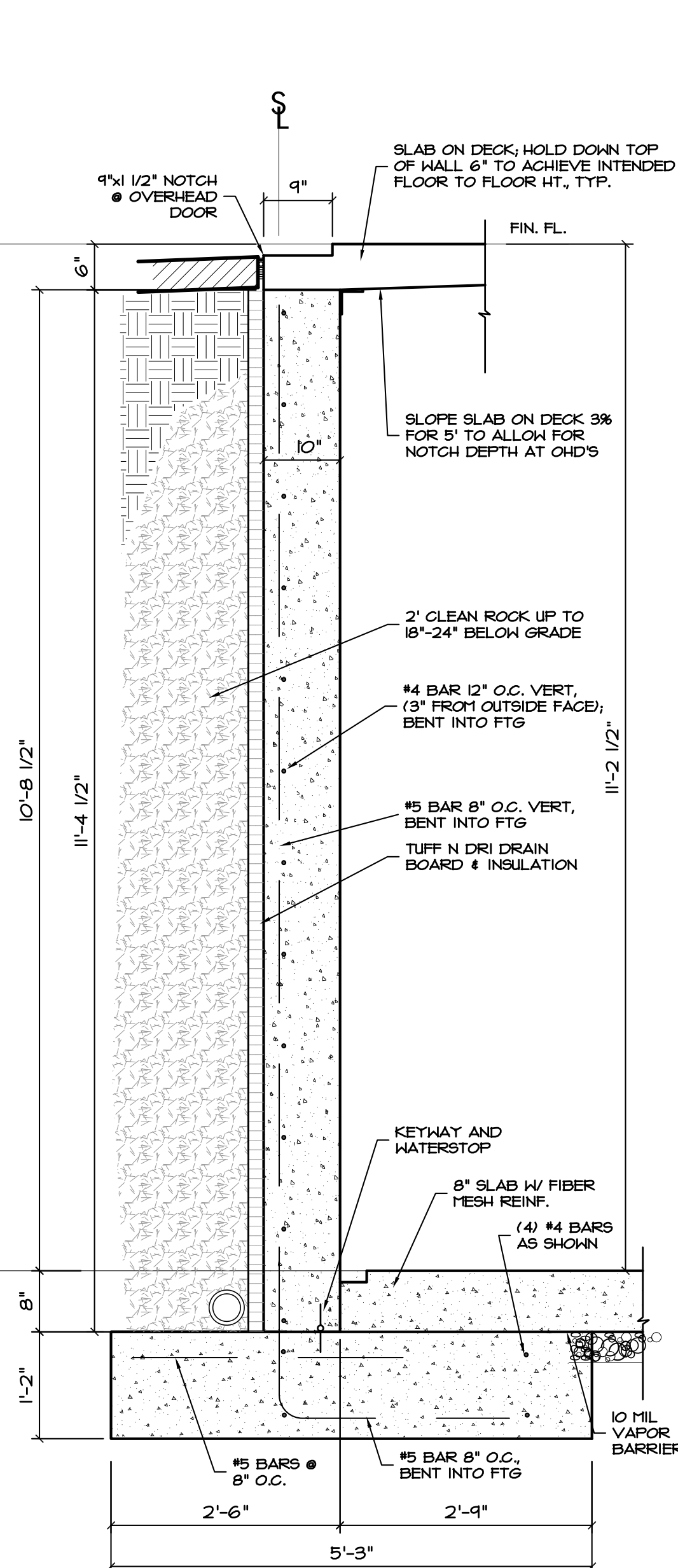
5 FOUNDATION DETAIL



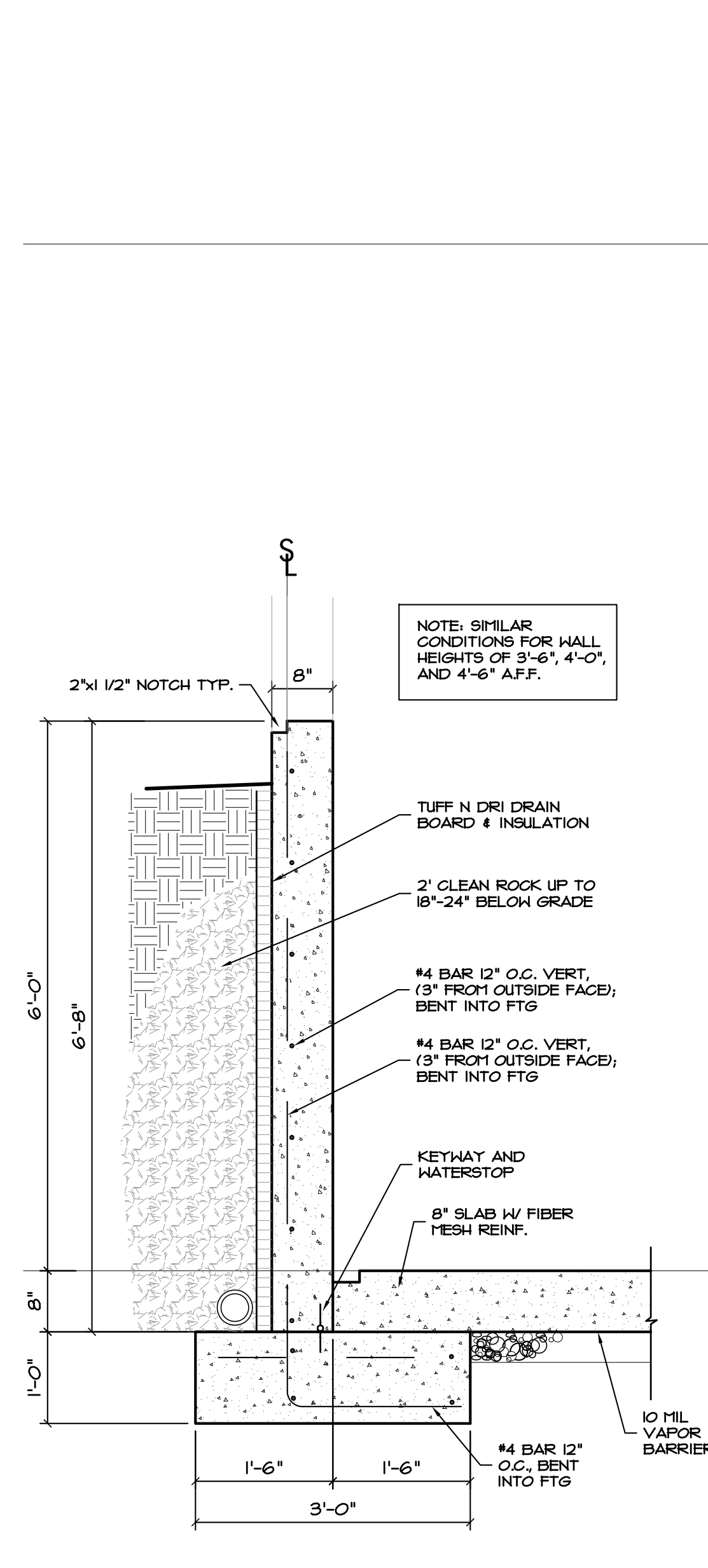
6 FOUNDATION DTL



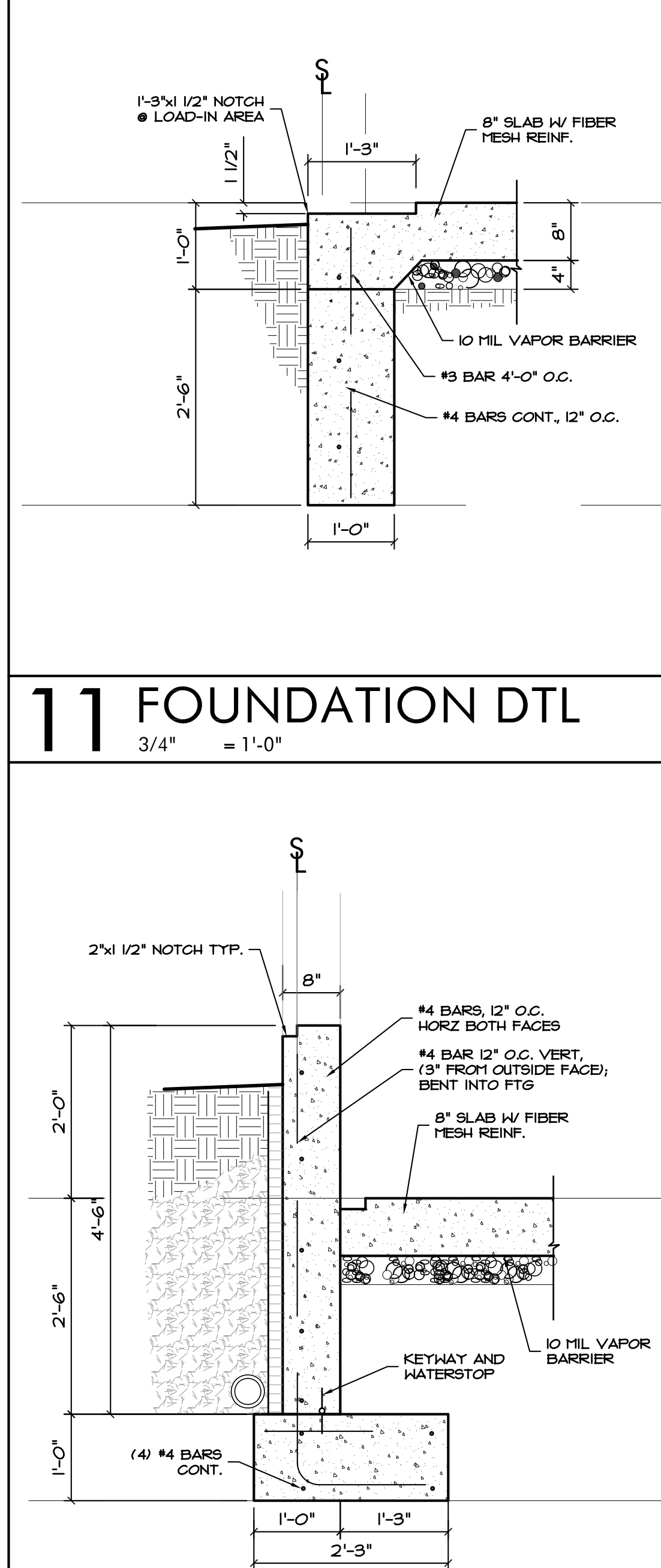
7 FOUNDATION DTL
3/4" = 1'-0"



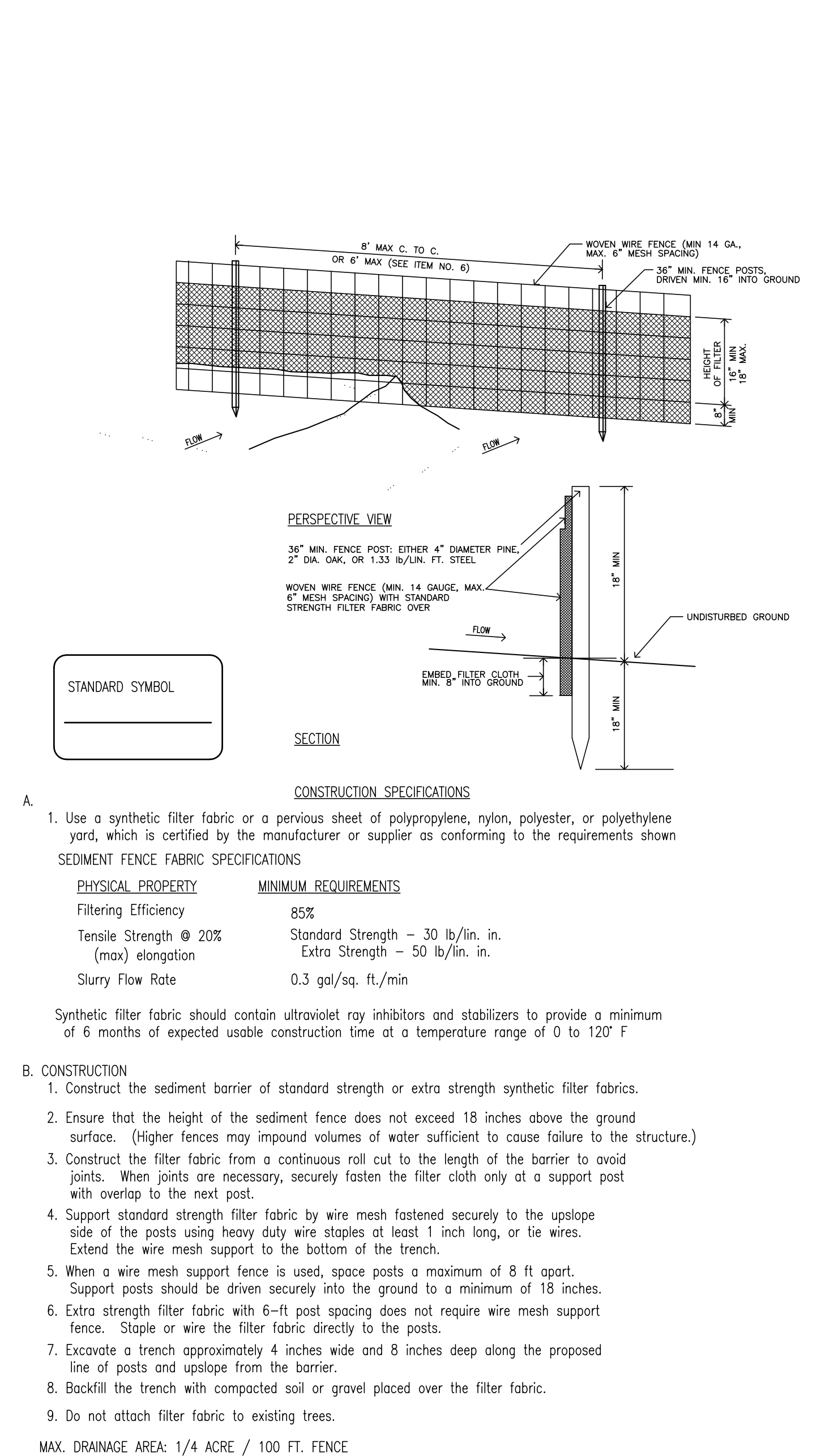
8 FOUNDATION DTL



9 FOUNDATION DTL
3/4" = 1'-0"

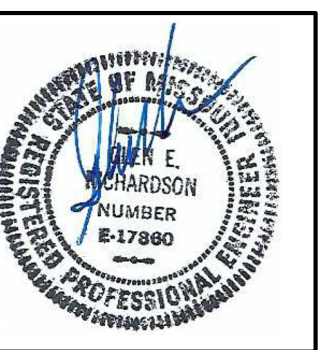


10 FOUNDATION DTL
3/4" = 1'-0"



SILT FENCE DETAIL

LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



Hernly ASSOCIATES

1100 Rhode Island
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66044
785-749-5806
AX 785-749-1515

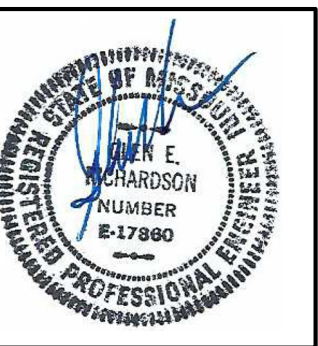
FOUNDATION DETAILS

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 Checked by: SCH
 Revisions: 2023/01/08

F1.2



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



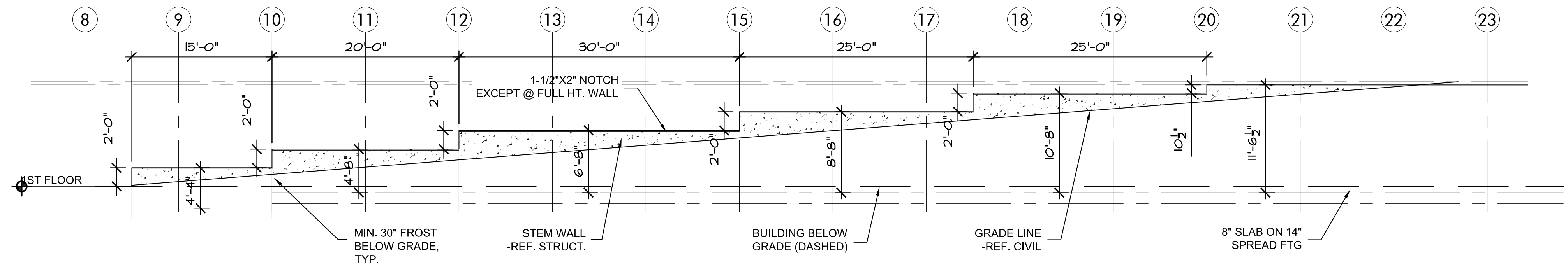
Hernly ASSOCIATES

1100 Rhode Island
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66044
785-749-5806
X 785-749-1515

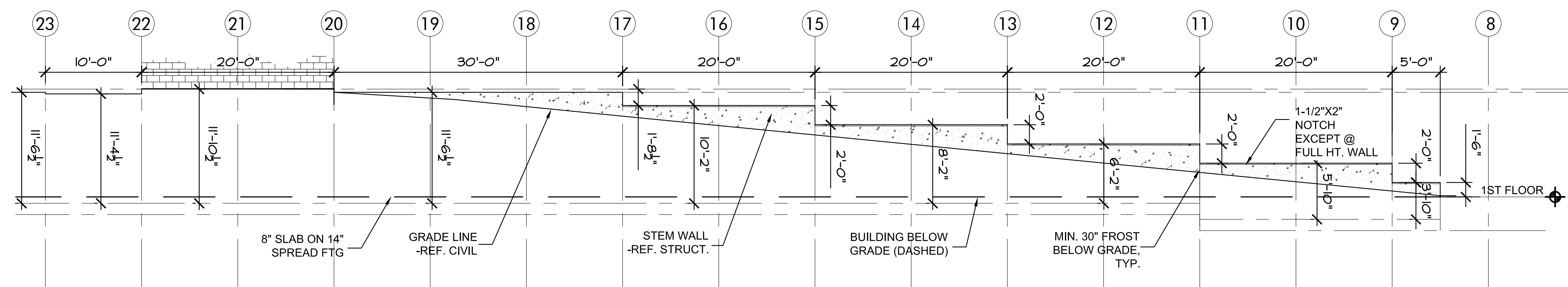
FOUNDATION DETAILS

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 Revisions: 2023/01/09

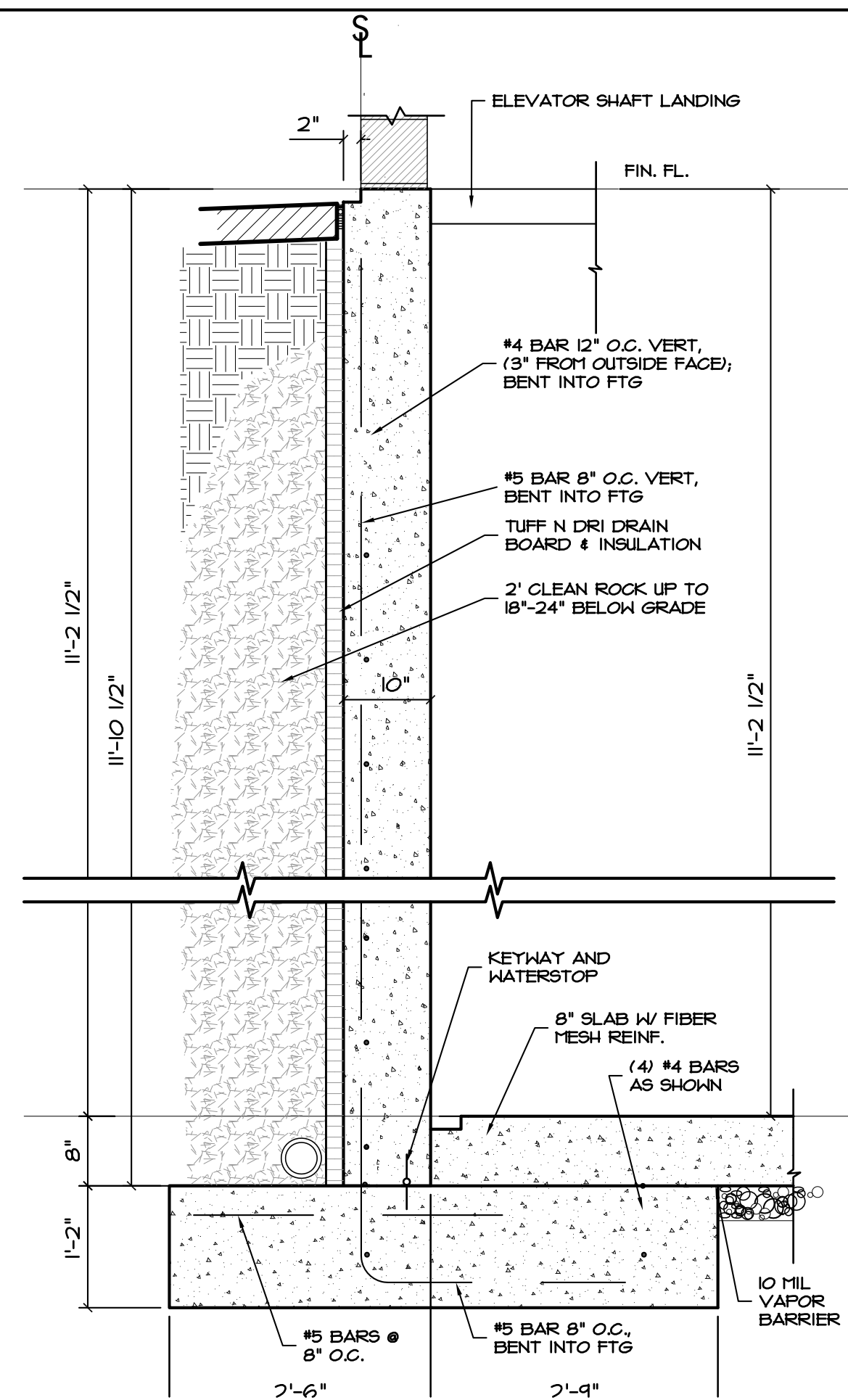
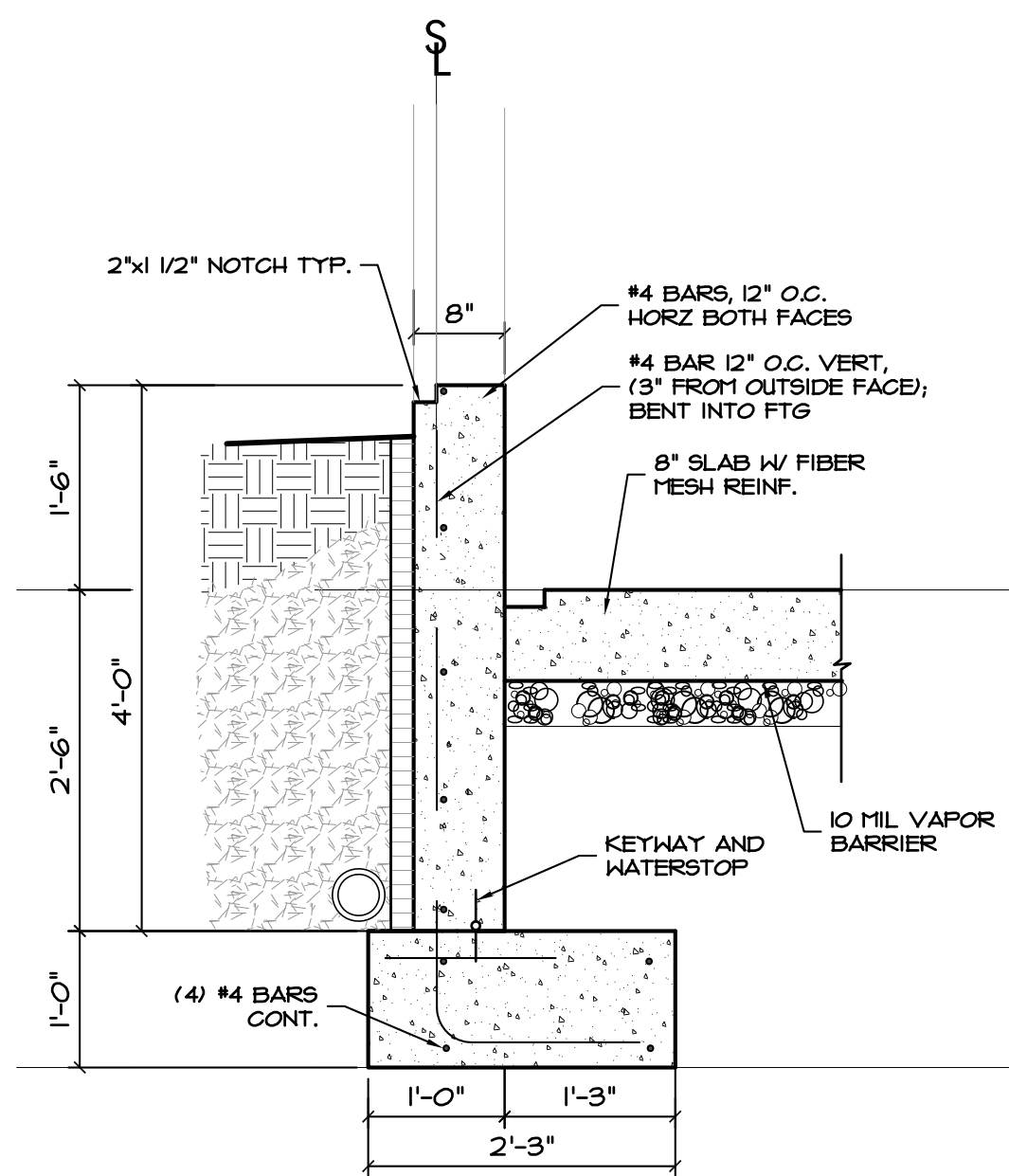
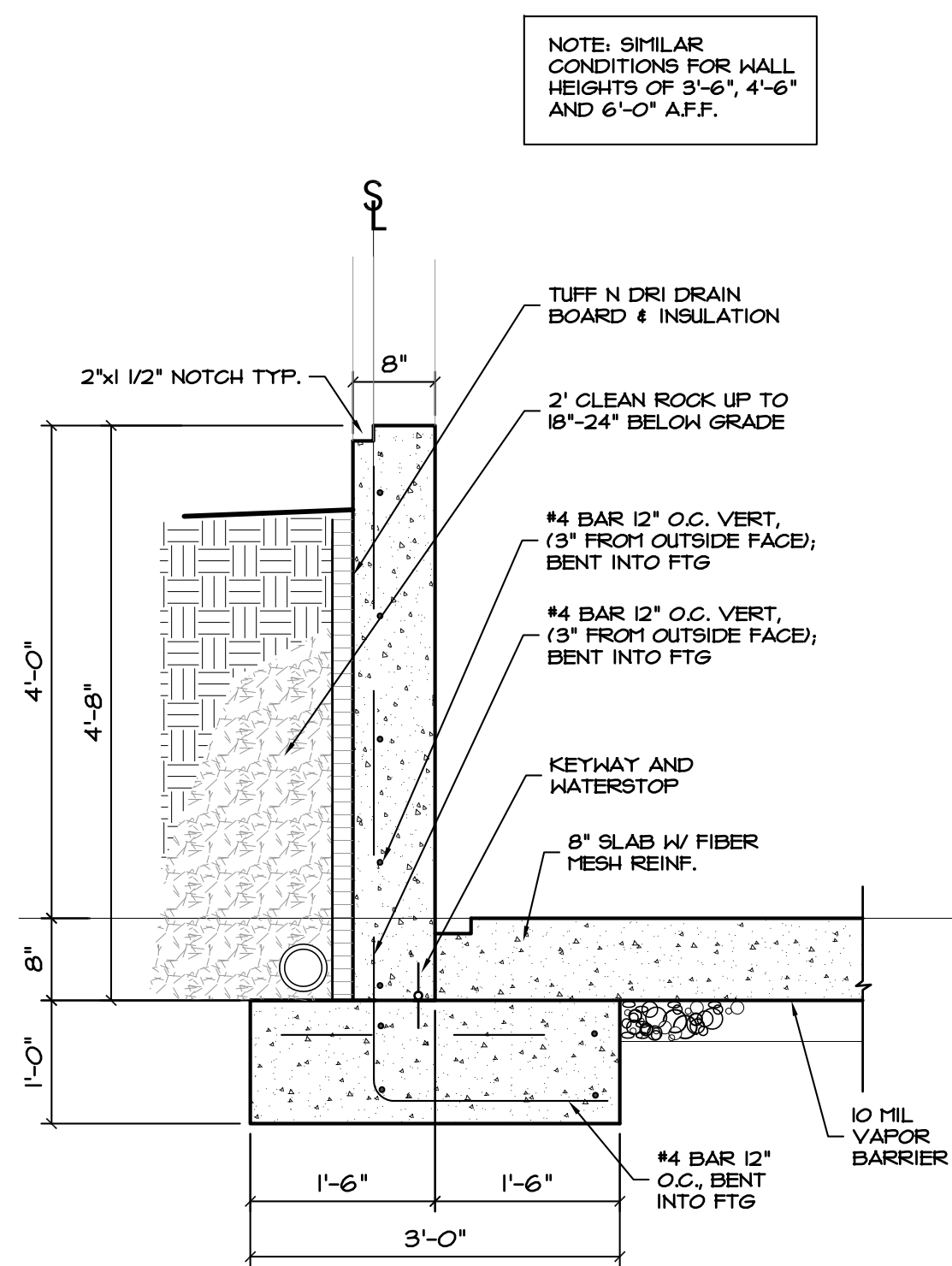
F1.3



1 SOUTH STEM WALL



2 NORTH STEM WALL



3 FOUNDATION DTL

4 FOUNDATION DTL

5 FOUNDATION DTL
3/4" = 1'-0"