

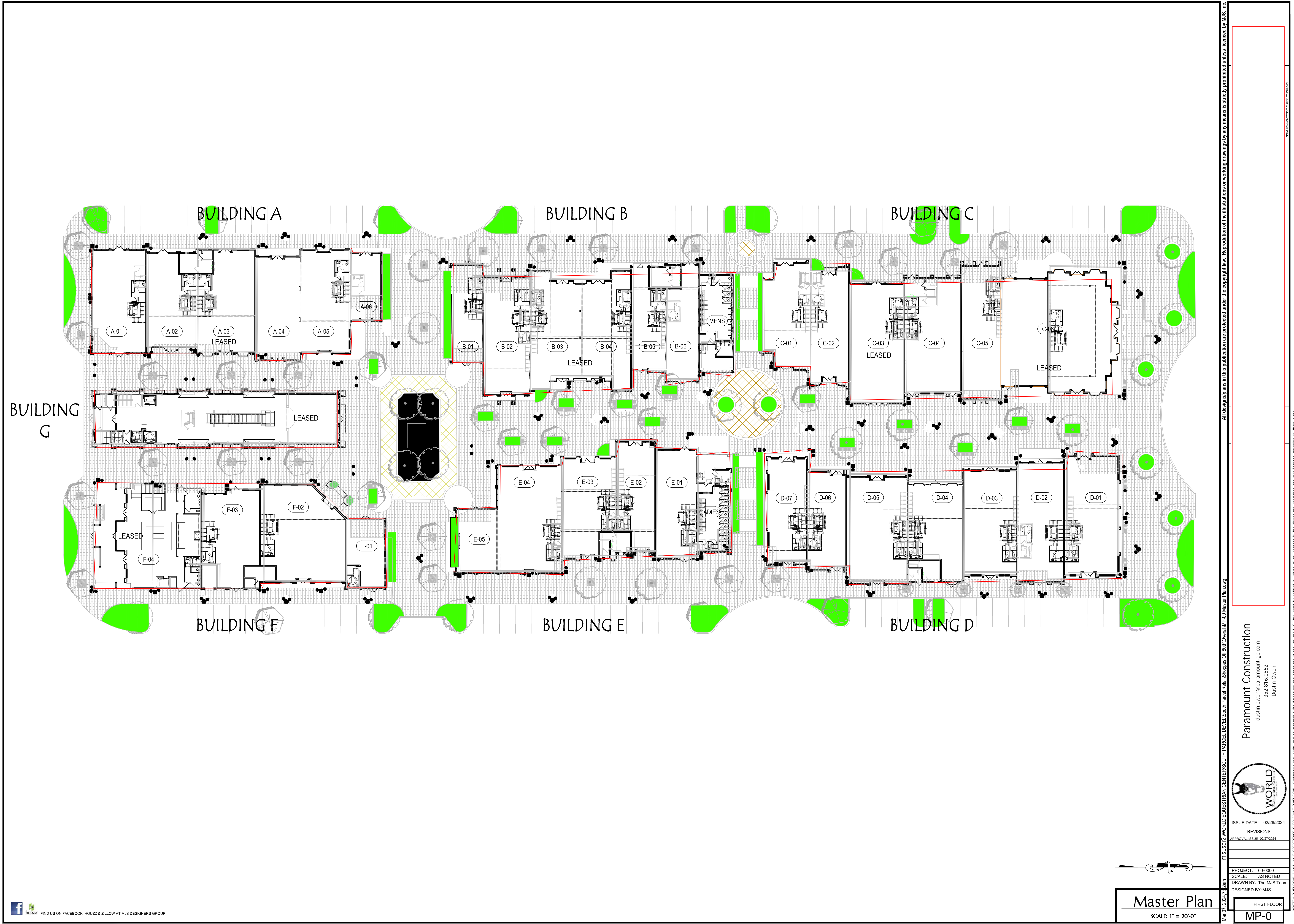
**GDI ENGINEERING**



# **WEC - Ocala**

Retail

**Ocala - Florida**



BUILDING G

BUILDING A

BUILDING B

BUILDING C

BUILDING F

BUILDING E

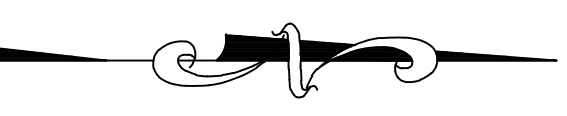
BUILDING D

All designs/plans in this publication are protected under the copyright law. Reproduction of the illustrations or working drawings by any means is strictly prohibited unless licensed by M.S. Inc.

**Paramount Construction**  
 dustin.owen@paramount-gc.com  
 352.816.0562  
 Dustin Owen



ISSUE DATE	02/26/2024
REVISIONS	
APPROVAL ISSUE	02/27/2024
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	The MJS Team
DESIGNED BY:	MJS



**Master Plan**  
 SCALE: 1" = 20'-0"

FIRST FLOOR  
**MP-0**

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and M.S., Inc. must be notified in writing of any changes in the dimensions, conditions and specifications appearing on these plans.

**Air System Sizing Summary for UNITS "C-01"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-01"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 3900.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	18.0 Tons	Load occurs at	Jul 1600
Total coil load	118.0 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	4471 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	4471 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	4471 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	4471 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	47.2	Design supply temp.	55.0 °F
BTU/hr	396.3	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	49.3	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	23.8 gpm		

**Central Heating Coil Sizing Data**

Max coil load	78.3 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	4471 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	4471 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	4471 CFM	Fan motor BHP	0.00 BHP
Standard CFM	4468 CFM	Fan motor kW	0.00 kW
Actual max CFMP	1.48 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	870 CFM	CFM/person	18.48 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 14 of 41

**Air System Sizing Summary for UNITS "C-02"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-02"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 3900.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	7.7 Tons	Load occurs at	Jul 1600
Total coil load	48.4 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	2567 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	2567 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	2567 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	2567 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	32.2	Design supply temp.	55.0 °F
BTU/hr	402.4	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	49.3	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	16.8 gpm		

**Central Heating Coil Sizing Data**

Max coil load	27.4 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	2567 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	2567 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	2567 CFM	Fan motor BHP	0.00 BHP
Standard CFM	2564 CFM	Fan motor kW	0.00 kW
Actual max CFMP	0.87 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	930 CFM	CFM/person	18.38 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 15 of 41

**Air System Sizing Summary for UNITS "C-03"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-03"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 4100.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	16.4 Tons	Load occurs at	Jul 1600
Total coil load	107.0 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	4100 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	4100 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	4100 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	4100 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	40.0	Design supply temp.	55.0 °F
BTU/hr	496.8	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	56.4	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	26.4 gpm		

**Central Heating Coil Sizing Data**

Max coil load	77.4 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	4100 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	4100 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	4100 CFM	Fan motor BHP	0.00 BHP
Standard CFM	4097 CFM	Fan motor kW	0.00 kW
Actual max CFMP	1.32 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	1020 CFM	CFM/person	18.38 CFM/person
CFMP	0.32 CFMP		

Hourly Analysis Program 5.10 Page 16 of 41

**Air System Sizing Summary for UNITS "C-04"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-04"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 4500.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	8.5 Tons	Load occurs at	Jul 1600
Total coil load	50.2 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	2960 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	2960 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	2960 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	2960 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	26.5	Design supply temp.	55.0 °F
BTU/hr	476.4	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	59.2	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	24.6 gpm		

**Central Heating Coil Sizing Data**

Max coil load	64.3 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	2960 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	2960 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	2960 CFM	Fan motor BHP	0.00 BHP
Standard CFM	2958 CFM	Fan motor kW	0.00 kW
Actual max CFMP	0.96 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	1020 CFM	CFM/person	18.38 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 17 of 41

**Air System Sizing Summary for UNITS "C-05"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-05"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 3900.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	8.0 Tons	Load occurs at	Jul 1600
Total coil load	48.0 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	4471 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	4471 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	4471 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	4471 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	47.2	Design supply temp.	55.0 °F
BTU/hr	396.3	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	49.3	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	23.8 gpm		

**Central Heating Coil Sizing Data**

Max coil load	27.4 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	4471 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	4471 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	4471 CFM	Fan motor BHP	0.00 BHP
Standard CFM	4468 CFM	Fan motor kW	0.00 kW
Actual max CFMP	1.48 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	1130 CFM	CFM/person	18.31 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 18 of 41

**Air System Sizing Summary for UNITS "C-06"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-06"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 1800.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	4.4 Tons	Load occurs at	Jul 1600
Total coil load	24.2 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	2420 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	2420 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	2420 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	2420 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	32.2	Design supply temp.	55.0 °F
BTU/hr	402.4	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	49.3	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	16.8 gpm		

**Central Heating Coil Sizing Data**

Max coil load	33.3 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	2420 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	2420 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	2420 CFM	Fan motor BHP	0.00 BHP
Standard CFM	2417 CFM	Fan motor kW	0.00 kW
Actual max CFMP	0.82 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	830 CFM	CFM/person	18.63 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 19 of 41

**Air System Sizing Summary for UNITS "C-07"**

Project Name: 2.2.1341 John WEC Quale Retail  
Prepared by: BSC

05/13/2024  
10.11.20

**Air System Information**  
 Air System Name: UNITS "C-07"  
 Equipment Class: CR-AMU  
 Air System Type: SC-CAV

Number of zones: 1  
 Floor Area: 4800.0 ft<sup>2</sup>  
 Location: Gainesville, Florida

**Sizing Calculation Information**  
 Calculation Months: Jan to Dec  
 Sizing Date: Calculated  
 Zone CFM Sizing: Sum of space airflow rates  
 Space CFM Sizing: Individual peak space loads

**Central Cooling Coil Sizing Data**

Total coil load	11.0 Tons	Load occurs at	Jul 1600
Total coil load	60.5 MBH	CA, DB / WB	80.4 / 78.9 °F
Standard CFM	3170 CFM	Leaving DB / WB	65.2 / 78.9 °F
Coil CFM at Jul 1600	3170 CFM	Coil ADP	61.4 / 81.1 °F
Max Inlet CFM	3170 CFM	Coil ADP	61.4 °F
Sum of peak zone CFM	3170 CFM	System Factor	0.000
Supply heat ratio	0.000	Reheating RH	85.0 %
CRIT-IR	39.0	Design supply temp.	55.0 °F
BTU/hr	452.0	Zone Inlet Check	1.41 Lk
BTU/hr @ 10.0 °F rise	56.4	Max zone temperature deviation	0.3 °F
Water flow @ 10.0 °F rise	27.0 gpm		

**Central Heating Coil Sizing Data**

Max coil load	31.0 MBH	Load occurs at	Dec Htg
Coil CFM at Dec Htg	3170 CFM	BTU/hr (F)	48.0 / 74.1 °F
Max coil CFM	3170 CFM	Ev. DB / Log DB	61.4 / 75.6 °F
Water flow @ 20.0 °F drop	N/A		

**Supply Fan Sizing Data**

Actual max CFM	3170 CFM	Fan motor BHP	0.00 BHP
Standard CFM	3168 CFM	Fan motor kW	0.00 kW
Actual max CFMP	0.97 CFMP	Fan static	0.00 in wg

**Outdoor Ventilation Air Data**

Design airflow CFM	1480 CFM	CFM/person	18.90 CFM/person
CFMP	0.29 CFMP		

Hourly Analysis Program 5.10 Page 20 of 41

Ventilation Load Calculation											
Zone #	Room Name	FBC Occupancy Class	Area (ft <sup>2</sup> ) AZ	Ra (CFM/ft <sup>2</sup> )	AZ x Ra (CFM)	Pz (Persons/1000ft <sup>2</sup> )	Persons	Rp (CFM/persons)	Rp x Persons (CFM)	Vbz Calcu.CFM	Corrected CFM After EZ=0.8
1	BUILDING C-01	RETAIL STORES: "SALES"	3000	0.12	360	15	45	7.5	338	698	872
2	BUILDING C-02	RETAIL STORES: "SALES"	3200	0.12	384	15	48	7.5	360	744	930
3	BUILDING C-03	RETAIL STORES: "SALES"	4700	0.12	564	15	71	7.5	529	1093	1366
4	BUILDING C-04	RETAIL STORES: "SALES"	4250	0.12	510	15	64	7.5	478	988	1235
5	BUILDING C-05	RETAIL STORES: "SALES"	3850	0.12	462	15	58	7.5	433	895	1119
6	BUILDING C-06	RETAIL STORES: "SALES"	1800	0.12	216	15	27	7.5	203	419	523
7	BUILDING C-07	RETAIL STORES: "SALES"	4950	0.12	594	15	74	7.5	557	1151	1439
<b>TOTAL BUILDING C</b>			<b>25,750</b>								<b>7,484</b>

All designs/plans in this publication are protected under the copyright law. Reproduction of the illustrations or working drawings by any means is strictly prohibited.

USER: C:\Users\user\AppData\Local\Temp\pub\Pub\Pub\1485501P-BUDG C-07.dwg

ISSUE DATE: 05/20/2024

REVISIONS

APPROVAL ISSUE	05/20/2024
ADDENDUM #1	08/16/2024

PROJECT: 23-0162 C  
SCALE: AS NOTED  
DRAWN BY: M.F  
DESIGNED BY: O.F

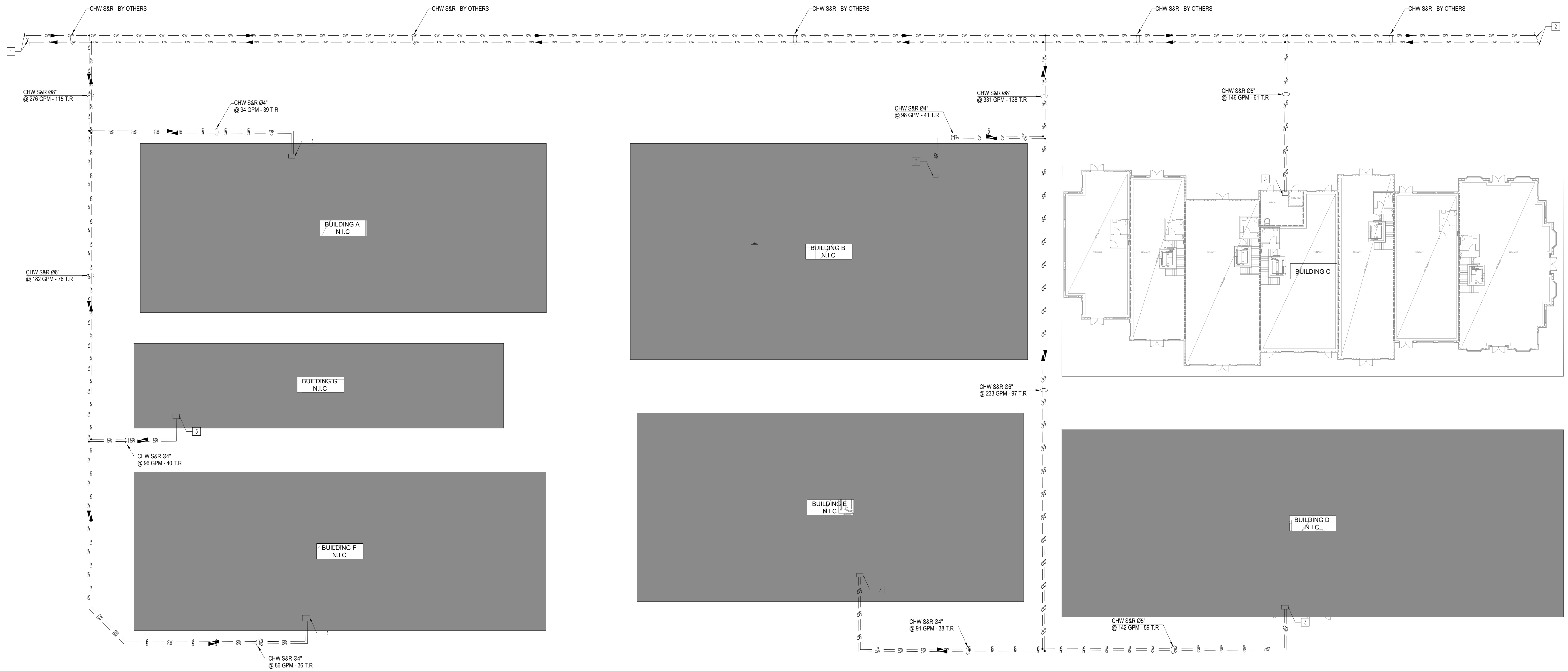
M3-00

**GENERAL NOTES:**

1. REFER FOR THE EXTERIOR UNDERGROUND CHILLED WATER LAYOUT PROVIDED BY THE CHILLED WATER CONSULTANT FOR CONTINUATION.
2. COORDINATE ROUTING OF ALL CONDUIT TO OPTIMIZE TRENCHING. ALL TRENCHING IS TO BE CAREFULLY COORDINATED WITH SITE UTILITIES AND LANDSCAPE AREAS.

**KEYED NOTES:**

- 1 CHILLED WATER MAINS FROM AND TO CHILLED WATER PLANT - CHW PLANT SUBMITTAL IS IN SCOPE OF OTHERS.
- 2 CHILLED WATER SUPPLY & RETURN PIPING FROM AND TO EVENT CENTER - EVENT CENTER SUBMITTALS IN THE SCOPE OF OTHERS.
- 3 CHILLED WATER BUILDING CONNECTION - SEE BUILDING PLANS FOR DETAILS.



**MECHANICAL SITE PLAN**

SCALE 1  
1"=10'-0"

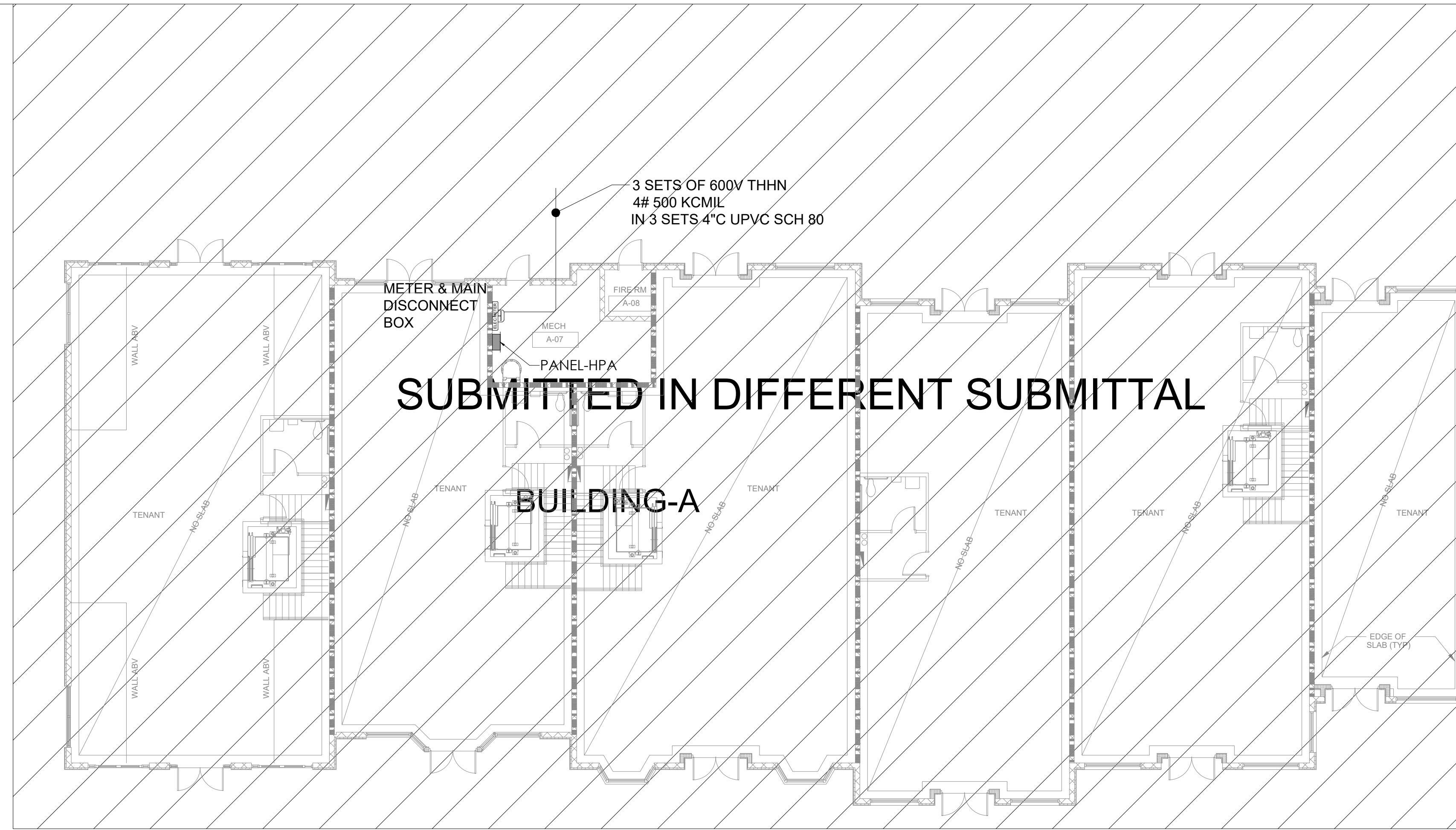
All designs/plans in this publication are protected under the copyright law. Reproduction of the illustrations or working drawings by any means is strictly prohibited unless licensed by M.S. Inc.



ISSUE DATE	08/16/2024
REVISIONS	
PREL ISSUE TO MEP	03/20/24
ADDENDUM #1	08/16/24
PROJECT:	23-0162-C
SCALE:	AS NOTED
DRAWN BY:	The MJS Team
DESIGNED BY:	MJS

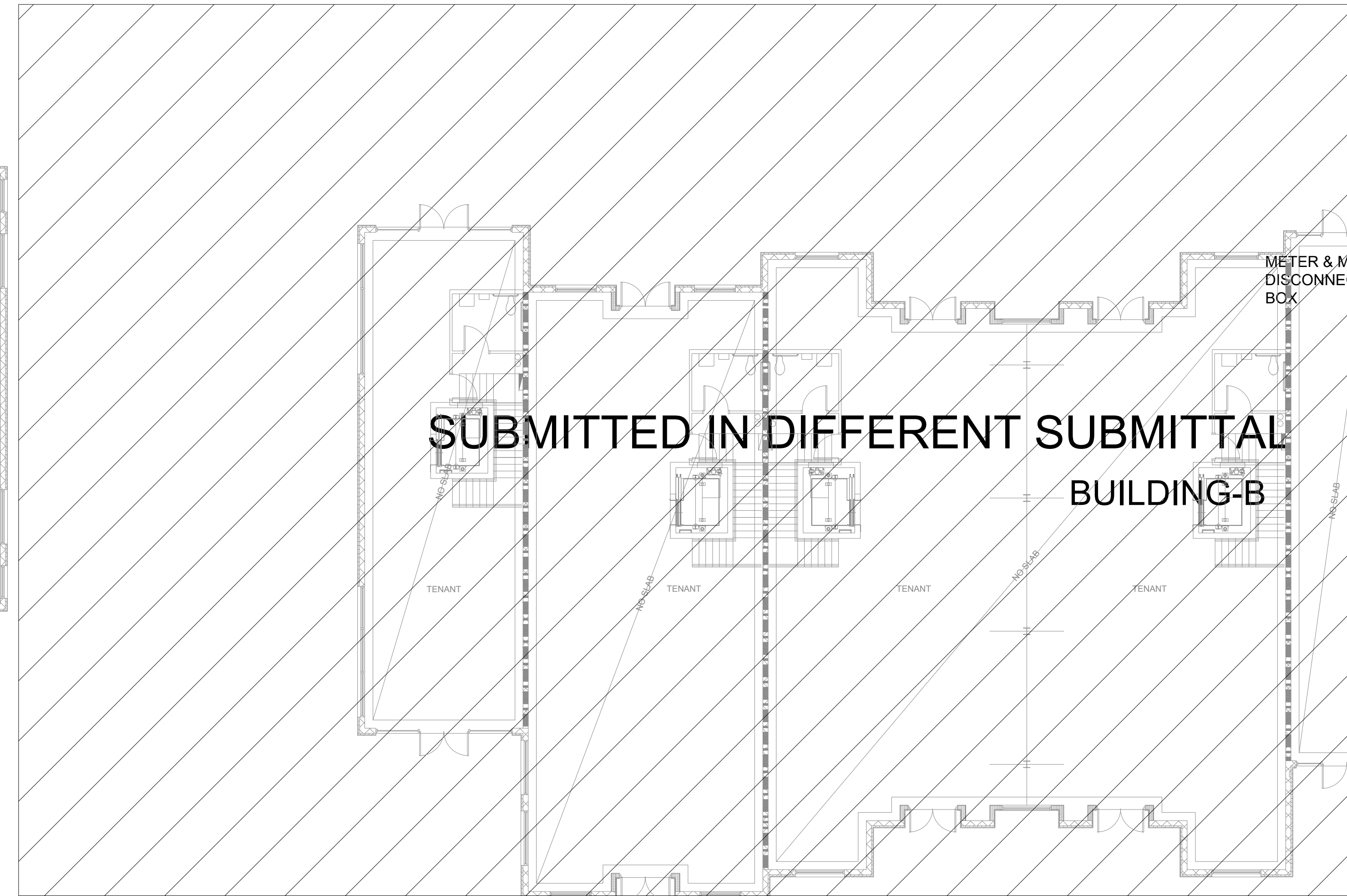
M1-0





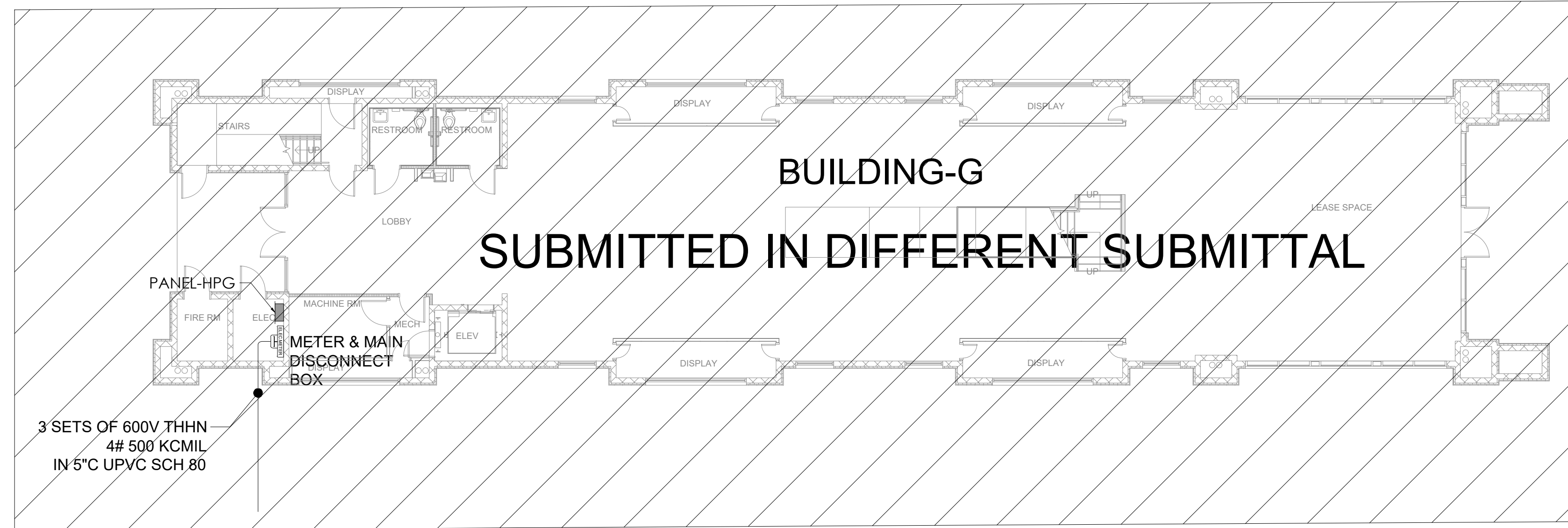
**SUBMITTED IN DIFFERENT SUBMITTAL**

**BUILDING-A**



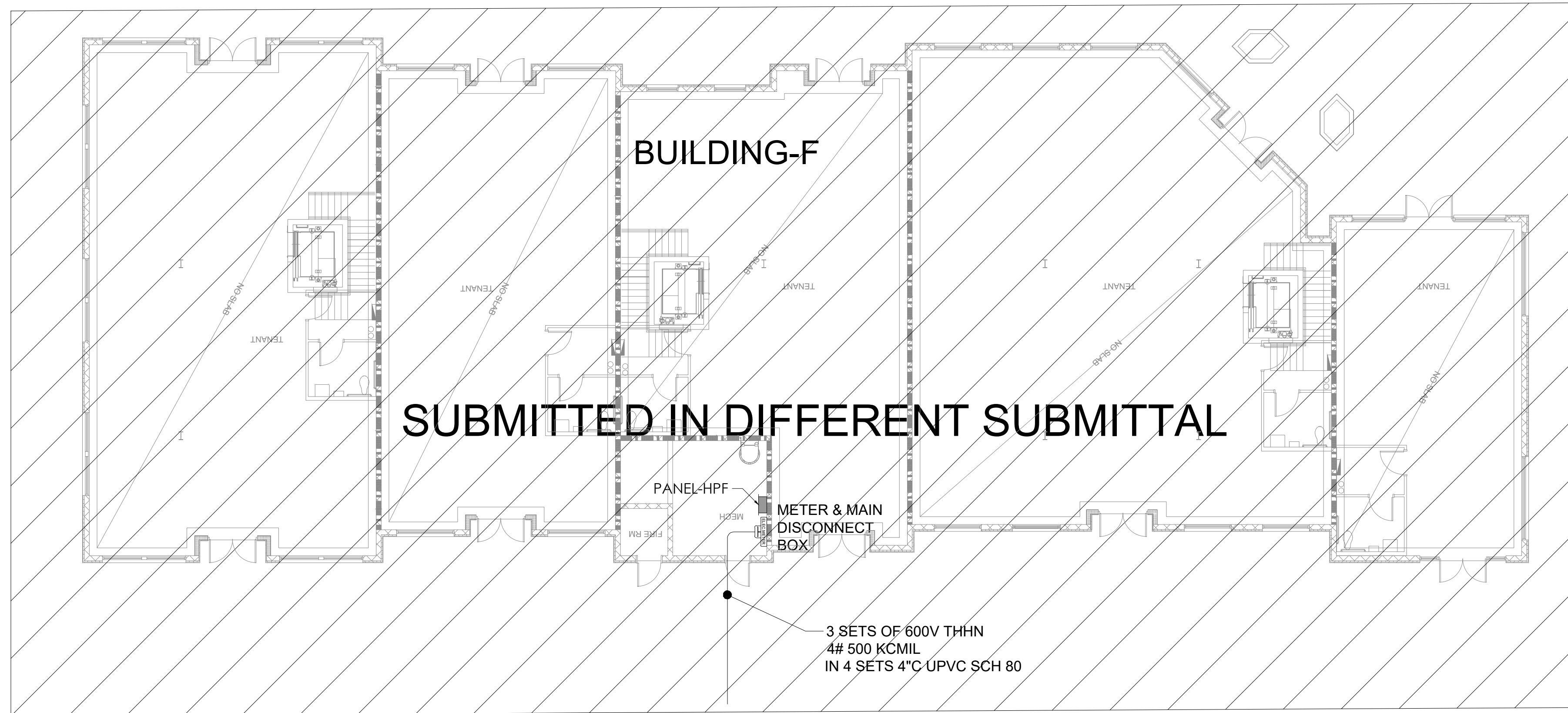
**SUBMITTED IN DIFFERENT SUBMITTAL**

**BUILDING-B**



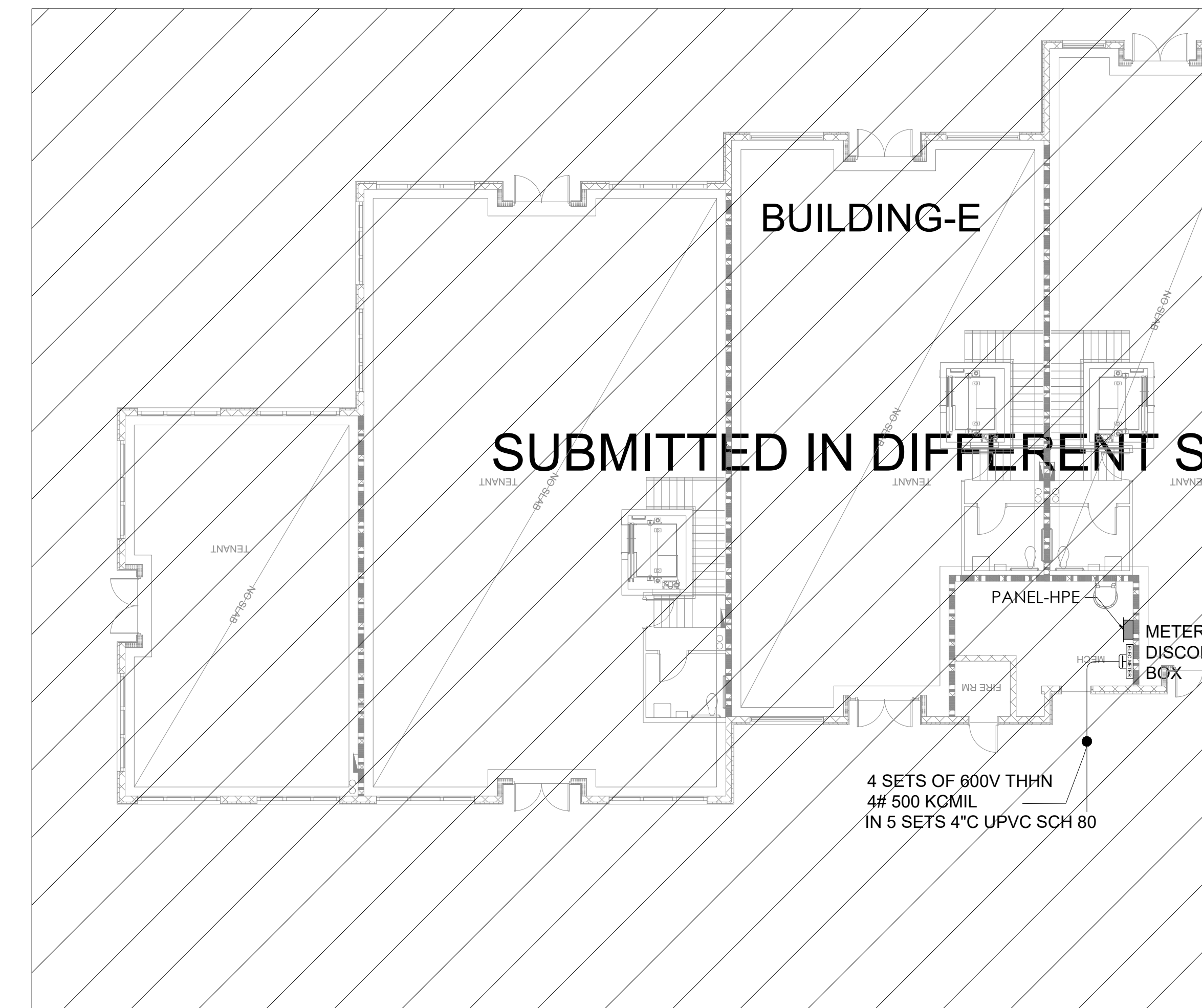
**SUBMITTED IN DIFFERENT SUBMITTAL**

**BUILDING-G**



**SUBMITTED IN DIFFERENT SUBMITTAL**

**BUILDING-F**



**SUBMITTED IN DIFFERENT SUBMITTAL**

**BUILDING-E**

ELECTRICAL SITE PLAN-SHEET-1

SCALE 3/32"=1'-0"

1

MATCH LINE

FOR CONT. REFER TO DWG. NO. E2-02



ISSUE DATE	08/16/2024
REVISIONS	
PREL ISSUE TO MEP	03/09/24
ADDENDUM #1	08/16/24
PROJECT:	23-0162-C
SCALE:	AS NOTED
DRAWN BY:	The MJS Team
DESIGNED BY:	MJS

E2-1

AT 11:58 AM 08/16/2024. D:\Work\GDIP16 Ocala White Shell\Working\Drawings\0000000000\_00\_46 Electrical\Plan\0000000000\_00\_46 Electrical\Plan.dwg

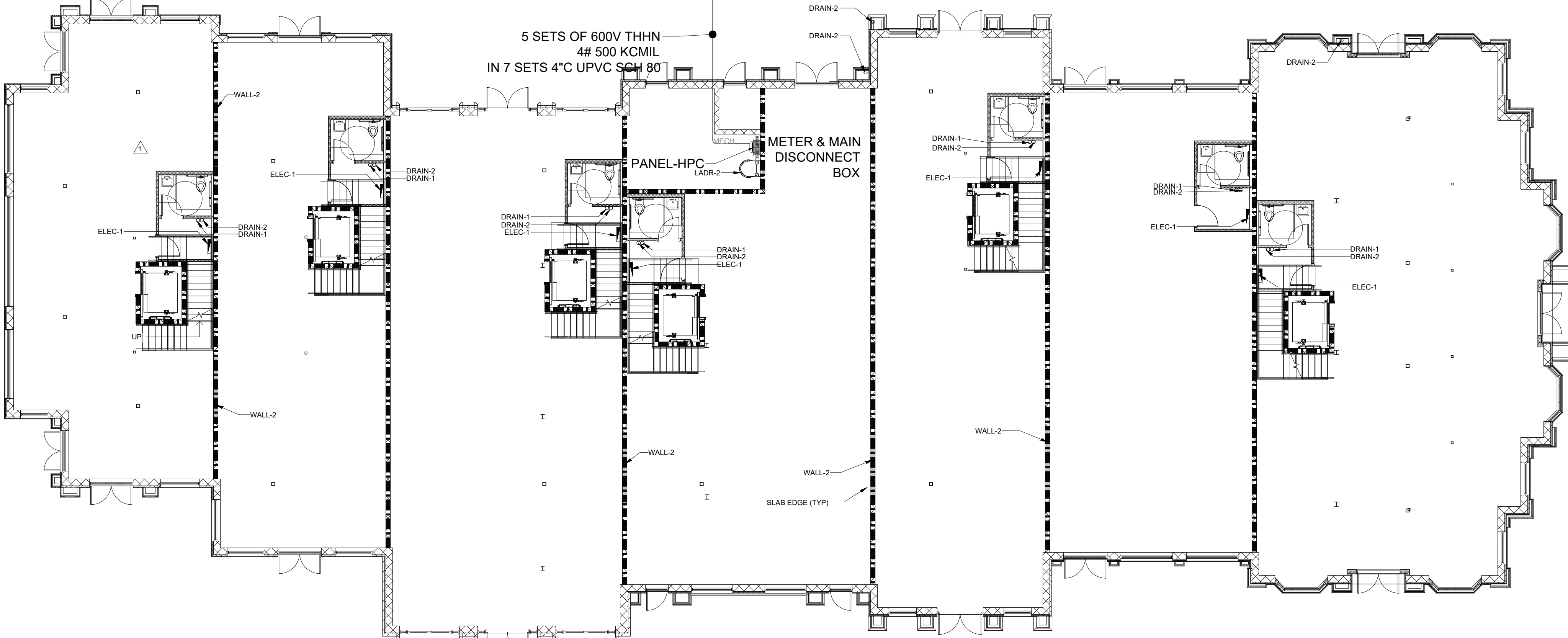
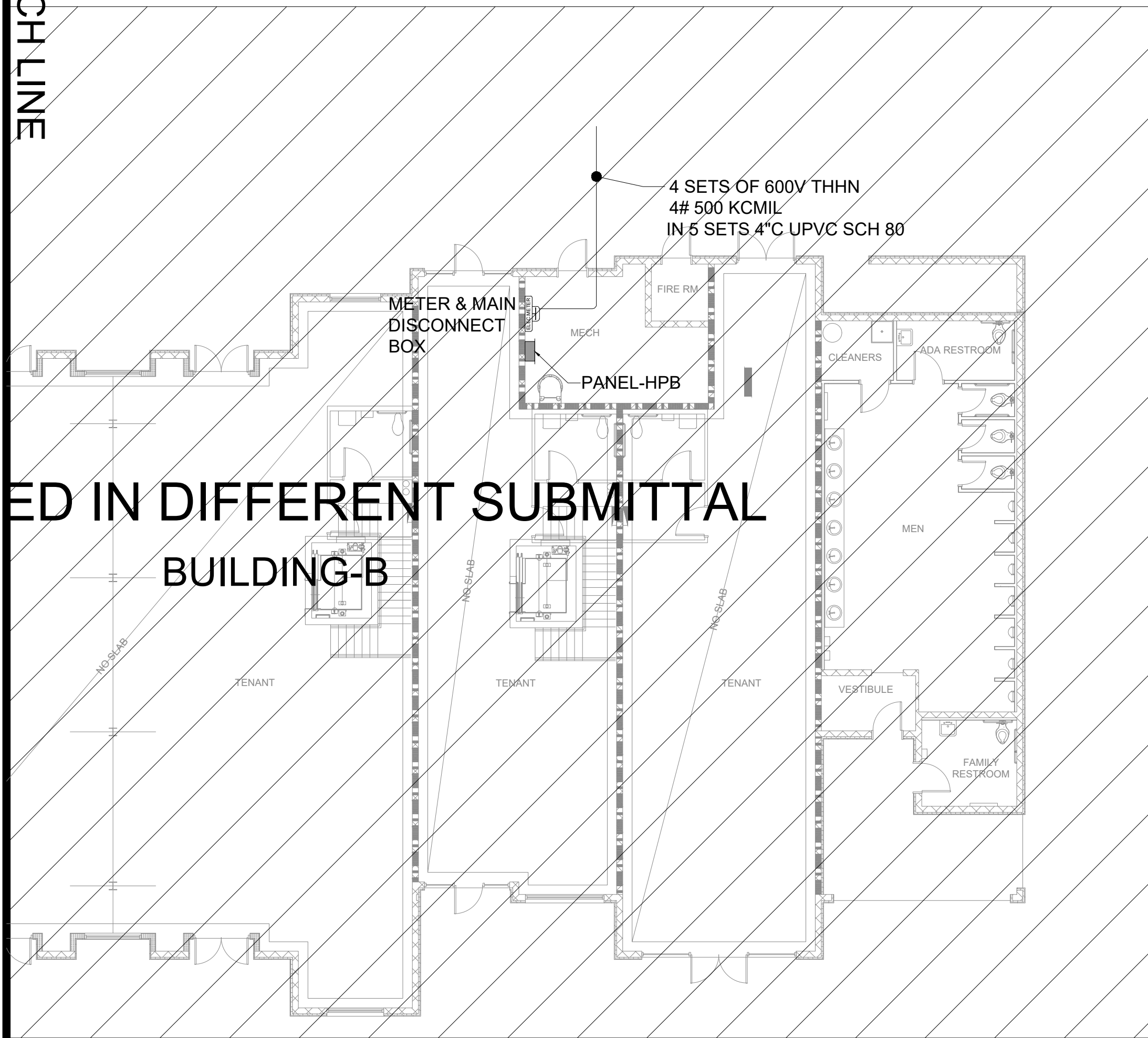
WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and IUS, Inc. must be notified in writing of any changes in the dimensions, conditions and specifications appearing on these plans.

OF IUS, INC. ALL RIGHTS RESERVED.

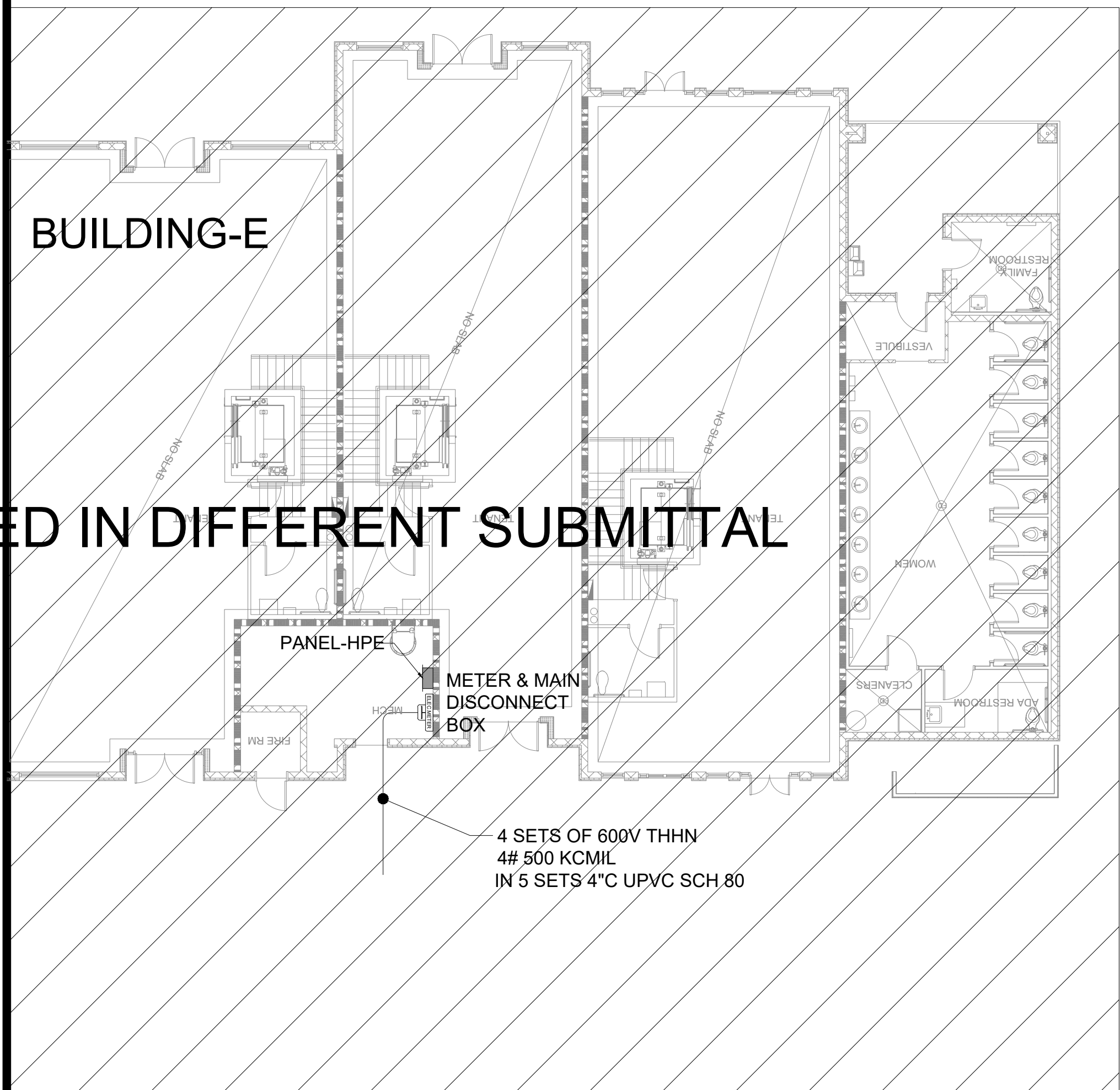
IUS, INC. ALL RIGHTS RESERVED.

MATCHLINE  
FOR CONT. REFER TO DWG. NO. E2-01

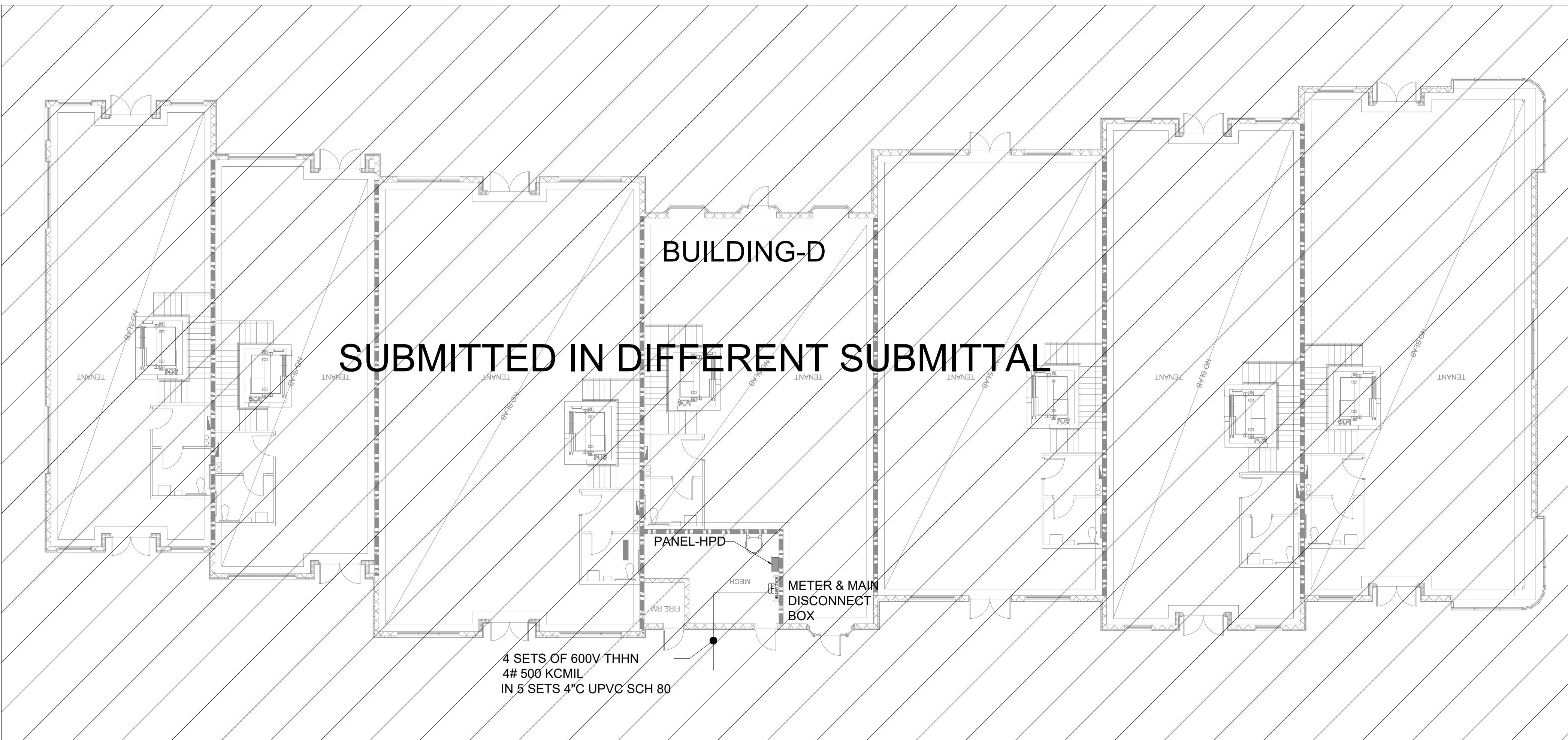
SUBMITTED IN DIFFERENT SUBMITTAL



SUBMITTED IN DIFFERENT SUBMITTAL



SUBMITTED IN DIFFERENT SUBMITTAL



ELECTRICAL SITE PLAN-SHEET-2

SCALE 1  
3/32"=1'-0"

PROJECT: 23-0162-C	
SCALE: AS NOTED	
DRAWN BY: The MJS Team	
DESIGNED BY: MJS	
ISSUE DATE	08/16/2024
PREL. ISSUE TO MEP	03/29/24
ADDITIONAL #1	06/18/24
REVISIONS	

Aug 24, 2024 4:32am  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg  
D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg

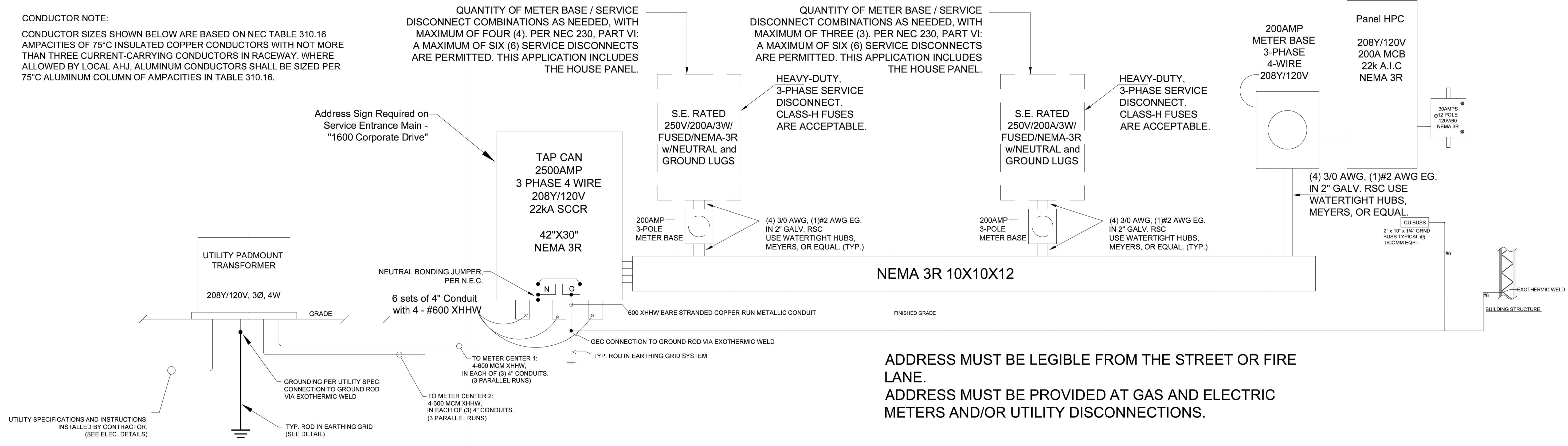


E2-2

AT: 8/16/2024 4:32am D:\Head\DWG\GP16 Ccalle White Shell\Working\Electrical\Plan\SHEET-2.dwg OF MJS, INC. ALL RIGHTS RESERVED. WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and MJS, Inc. must be notified in writing of any changes in the dimensions, conditions and specifications appearing on these plans.

**CONDUCTOR NOTE:**

CONDUCTOR SIZES SHOWN BELOW ARE BASED ON NEC TABLE 310.16 AMPACITIES OF 75°C INSULATED COPPER CONDUCTORS WITH NOT MORE THAN THREE CURRENT-CARRYING CONDUCTORS IN RACEWAY. WHERE ALLOWED BY LOCAL AHJ, ALUMINUM CONDUCTORS SHALL BE SIZED PER 75°C ALUMINUM COLUMN OF AMPACITIES IN TABLE 310.16.



ONE LINE DIAGRAM BUILDING C SCALE NTS 1

ADDRESS MUST BE LEGIBLE FROM THE STREET OR FIRE LANE.  
ADDRESS MUST BE PROVIDED AT GAS AND ELECTRIC METERS AND/OR UTILITY DISCONNECTIONS.

LOAD ANALYSIS BUILDING - C			
DESCRIPTION	CONNECTED (KVA)	FACTOR	DEMAND (KVA)
LARGER OF TWO TAKEN FOR NON-COINCIDENT LOADS SUCH AS HVAC HEATING/COOLING			
<b>HOUSE LOAD</b>			
EXTERIOR LIGHTING	3	1.25	3.75
RECEPTACLES	3.78	1.25	4.73
UNIT HEATER	6.3	1	6.30
<b>ESTIMATED BUILDOUT (50WATTS/SQ.FT) - //10% REST//90% RETIAL</b>			
INTERIOR LIGHTING (32900SQ.FT @ 1.9VA PER SQ.FT) NEC 220.12	62.51	1.25	78.14
GENERAL RECEPTACLES 50 PER SPACE * 7 SPACES NEC 220.44	63	NEC	31.2
HVAC HEATING (10W / SQ.FT)	329	1	329.00
HVAC COOLING (200 SQ.FT / TON) @ 1.4KW PER TON NEC 220.51.424.3	230.3	1	230.30
RESTAURANT (20% OF SPACE)	0	1	0.00
WATER HEATERS	31.5	1	31.50
LIFTS	37.5	1	37.50
OUTDOOR KIOSKS	54	1	54.00
TOTAL (kva)	820.89		806.4125
TOTAL (Amps) @208/120V 3PH,4W	2280.25		2240.034722
SERVICE ENTRANCE		2500Amps	

LOAD SUMMARY									
CL	DF	A	B	C	DEMAND TOTAL				
L Lighting	11.15	1.25	2.95	5.35	2.85	13.94			
R Convenience Recept	0.90			0.90		0.90			
H Heating (Space)		1.25							
C Cooling		1.00							
A HVAC		1.00							
P Process		1.00							
O Other Continuous		1.25							
K Kitchen		1.00							
N Noncontinuous		1.00							
M Motor		1.00							
Total	11.68		2.95	5.85	2.85	14.44			

PANEL HPC									
DESCRIPTION	WIRE	GRD	CB	KVA	A	B	C	KVA	DESCRIPTION
1 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
3 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
5 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
7 LIGHTING MECH ROOM - FIRE RISER ROOM	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
9 LIGHTING TENANT	L 2x 14 AWG - #14G	15A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
11 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.30	20A-1P	2x 12 AWG - #12G
13 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	0.30	0.45			0.15	20A-1P	2x 12 AWG - #12G
15 LIGHTING TENANT	L 2x 12 AWG - #12G	20A-1P	3.00	3.15			0.15	20A-1P	2x 12 AWG - #12G
17 EXT SIGNS	L 2x 12 AWG - #12G	20A-1P	0.15		0.65	0.30	0.30	20A-1P	2x 12 AWG - #12G
19 WALL PACKS	L 2x 12 AWG - #12G	20A-1P	0.30	0.60			0.50	20A-1P	2x 12 AWG - #12G
21 SIGNAGE	L 2x 12 AWG - #12G	20A-1P	0.50	1.00			0.50	20A-1P	2x 12 AWG - #12G
23 SIGNAGE	L 2x 12 AWG - #12G	20A-1P	0.50	1.00	0.50		0.50	20A-1P	2x 12 AWG - #12G
25 SIGNAGE	L 2x 12 AWG - #12G	20A-1P	0.50	1.00			0.50	20A-1P	2x 12 AWG - #12G
27 FAXP	R 2x 12 AWG - #12G	20A-1P	0.50	0.50					
29 SPACE									
31 SPACE									
33 SPACE									
35 SPACE									
37 SPACE									
39 SPACE									
41 SPACE									
Total Connected Load				3.45	5.85	2.85			

### Available Fault Current Calculation BUILDING C

**Utility Fault Current** = 42,000 amperes kVA = 300  
E = 480  
trans. FLA = 361

**I = kVA x 1000 = trans. FLA**  
E x 1.732

**I<sub>SCA</sub> = trans. FLA x 100 x PF** = 13,365 amperes  
transformer Z PF = 90%  
Z = 3.00%

**Point to Point Method**  
Length (distance) FEET L = 75  
# conductors per phase N = 3  
Phase conductor constant C = 22,965  
Neutral conductor constant C = 22,965  
Multiplier M = 1 / (1 + f) = 0.495

**I<sub>SCA</sub> x M = fault current at terminals of main disconnect L-L = 35,284 amperes**  
**I<sub>SCA</sub> x M = fault current at terminals of main disconnect L-N = 28,095 amperes**

---

**Fault Current from Service Equipment to Panel HPC**  
Length (distance) FEET L = 50  
# conductors per phase N = 3  
Phase conductor constant C = 12,844  
Neutral conductor constant C = 9,375  
Multiplier M = 1 / (1 + f) = 1.081

**I<sub>SCA</sub> x M = fault current at terminal of the panel L-L = 22,447 amperes**  
**I<sub>SCA</sub> x M = fault current at terminal of the panel L-N = 13,499 amperes**

Calculation does not include motor contribution

All designs/plans in this publication are protected under the copyright law. Reproduction of the illustrations or working drawings by any means is strictly prohibited unless written permission is obtained from the author.

WORLD  
CONSTRUCTION

ISSUE DATE: 05/20/2024

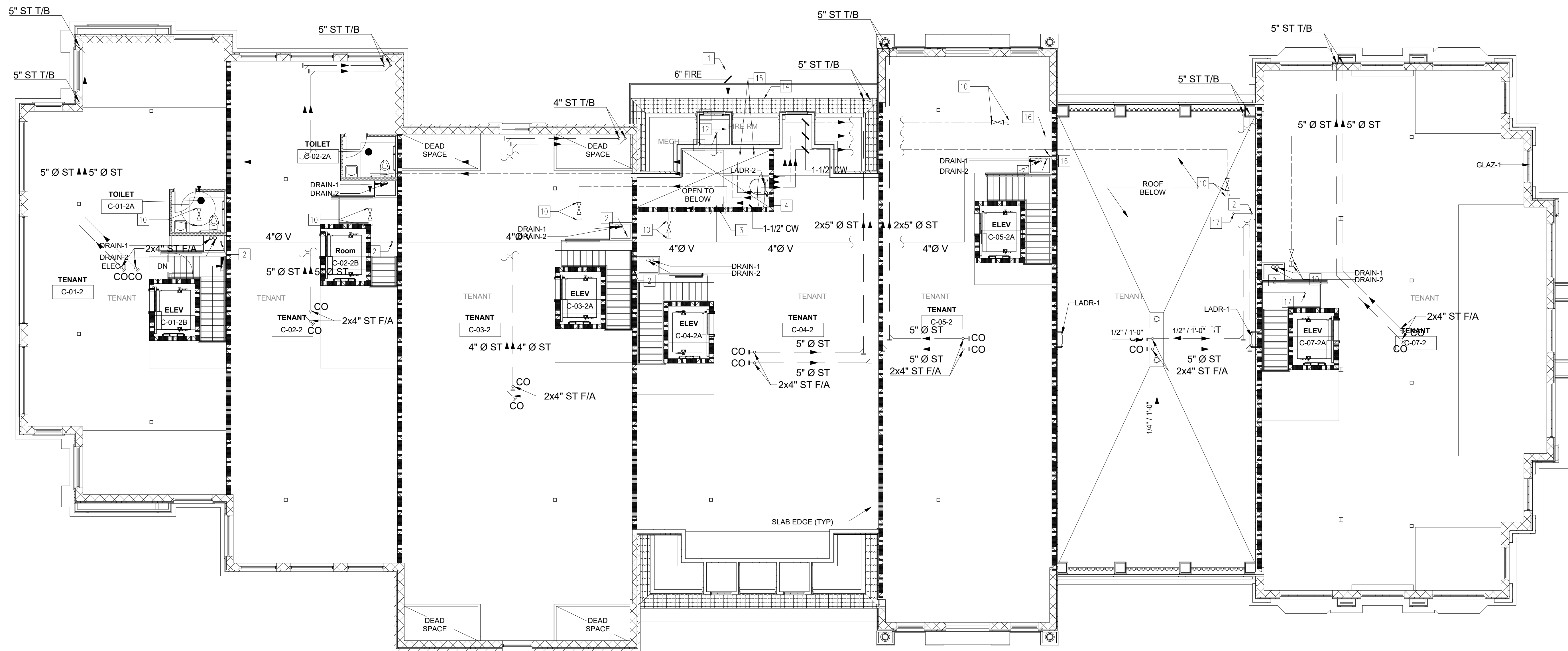
REVISIONS

APPROVAL ISSUE: 05/20/2024  
ADDENDUM #1: 08/16/2024

PROJECT: 23-0162 C  
SCALE: AS NOTED  
DRAWN BY:  
DESIGNED BY:

E4-00





- KEYED NOTES:**
- 1 REFER TO SITE PLAN / SHEET P 1-00 AND CIVIL DRAWINGS FOR CONTINUATION.
  - 2 3"Ø VENT PIPE RISER FROM BELOW - SEE LOW LEVEL PLUMBING FOR CONTINUATION.
  - 3 4"Ø VENT THRU ROOF - TERMINATE AT A MINIMUM OF 5' AWAY FROM THE BUILDING EDGE.
  - 4 COLD WATER RISERS FROM DOMESTIC COLD WATER MANIFOLD AND INDIVIDUAL UNIT WATER METER & RPZ AT LOW LEVEL.
  - 5 HOSE BIB WITH STAINLESS STEEL COVER - COORDINATE & APPROVE THE MODEL WITH THE ARCHITECT PRIOR TO PROCUREMENT & INSTALLATION.
  - 6 1-1/2" COLD WATER PROVISIONAL VALVE & CAP AT CEILING LEVEL FOR FUTURE TENANT.
  - 7 6" FIRE LINE ENTRY TO RISER ROOM - PROVIDE THRUST BLOCK AS PER THE LOCAL CODE (SIZE TO MEET THE SITE CONDITION) - SLAB TRAVERSE SHOULD BE THROUGH SLEEVE AND WATER TIGHT CAULKING GRADE.
  - 8 6" BACKFLOW PREVENTION DEVICE - DOUBLE CHECK VALVE ASSEMBLY WATTS 774 OR EQUAL.
  - 9 IF FIRE RISER WITH OS&Y ISOLATION VALVE & TAMPER SWITCH - WET TYPE ALARM CHECK VALVE ASSEMBLY, ITC CONNECTION AND ELECTRONIC FLOW SWITCH.
  - 10 FIRE DEPARTMENT SIAMISE CONNECTION WITH CHECK VALVE & BALL DRIP.
  - 11 SPRINKLERS MAIN FEEDER TO BUILDING - LICENSED FIRE CONTRACTOR SHOULD PREPARE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS BASED ON UP TO DATE FLOW TEST REPORT.
  - 12 PROVIDE COLD WATER PIPE RISE OR DROP NEAR THE TENANT SEPARATION WALL TO KEEP THE PIPES AT THE CEILING LEVEL - SUPPORT THE VERTICAL PIPES TO THE WALL.
  - 13 3"Ø VENT THRU ROOF. TERMINATE AT A MINIMUM OF 5' AWAY FROM THE BUILDING EDGE.

- GENERAL NOTES:**
1. PRIOR TO PERFORMING WORK, CONTRACTOR TO COORDINATE EXACT PIPE SIZES, INVERT ELEVATIONS, PRESSURES FOR LOCATIONS OF ANY SEWER, WATER PIPING AND WATER METER WITH CIVIL UTILITIES DRAWINGS, AND ANY OTHER ENGINEER AS APPLICABLE.
  2. PRIOR TO PERFORMING WORK, CONTRACTOR TO COORDINATE PIPE ROUTING WITH ALL OTHER TRADES AND EXISTING FIELD CONDITIONS.
  3. CONTRACTOR IS RESPONSIBLE FOR ROUGH-IN COORDINATION AND PATCHING.
  4. CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED CUTTING AND PATCHING.
  5. ALL NOTCHING, BORING, AND CUTTING OF HOLES IN WALL STUDS AND FLOOR JOISTS SHALL BE PERFORMED BASED ON THE LATEST ADOPTED AND APPROVED EDITION OF THE BUILDING CODE.
  6. CONTRACTOR IS TO PROVIDE ALL COMPONENTS NECESSARY TO MEET THE DESIGN INTENT, WHETHER SHOWN IN DIAGRAM OR NOT.
  7. CONTRACTOR SHOULD PROVIDE DISINFECTION FOR THE COLD WATER PIPES AS PER IPC SECTION 610.
  8. ALL PIPE BELOW 4"Ø PIPE SIZE TO BE SLOPED 2% & GREATER THAN 4"Ø PIPE SIZE SHALL BE SLOPED 1%.

HIGH LEVEL PLUMBING BUILDING PLAN SCALE 1/8"=1'-0" 1

Aug 24, 2024 4:32am

PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: The MJS Team  
 DESIGNED BY: MJS

ISSUE DATE: 08/16/2024  
 REVISIONS:  
 PREL ISSUE TO MEP: 08/09/24  
 ADDRESSUM #1: 08/16/24

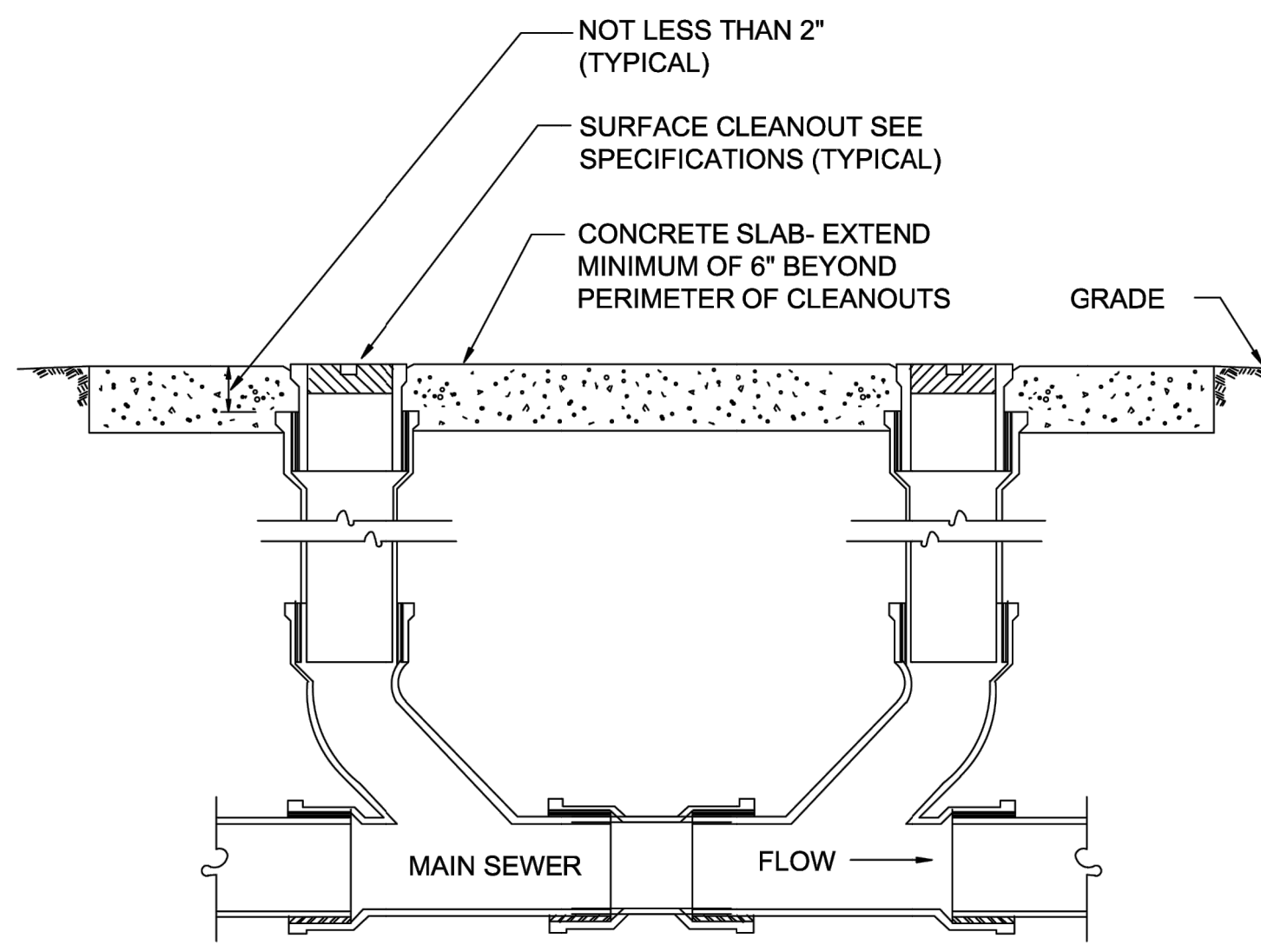
WORLD FOUNDATION CENTER

OF MJS, INC. ALL RIGHTS RESERVED.

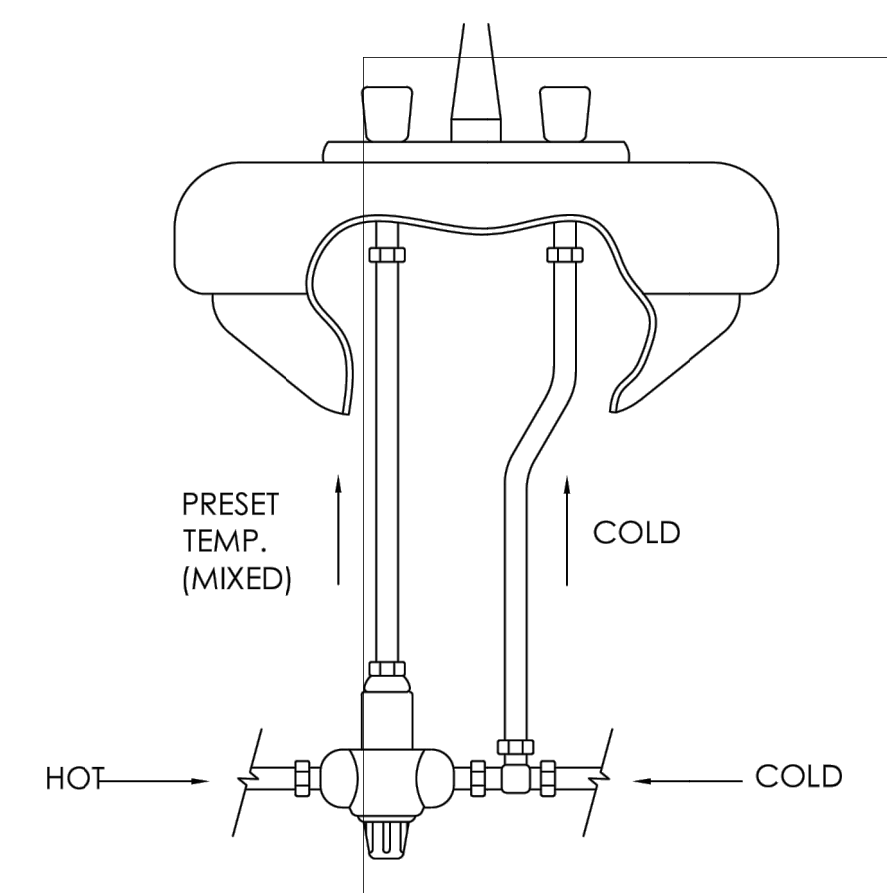
AT least one dimension in this plan shall be consistent with the architectural plan. Dimension of the illustration is not to scale. See notes for more information.

WRTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions in the drawings, conditions and specifications appearing on these plans.

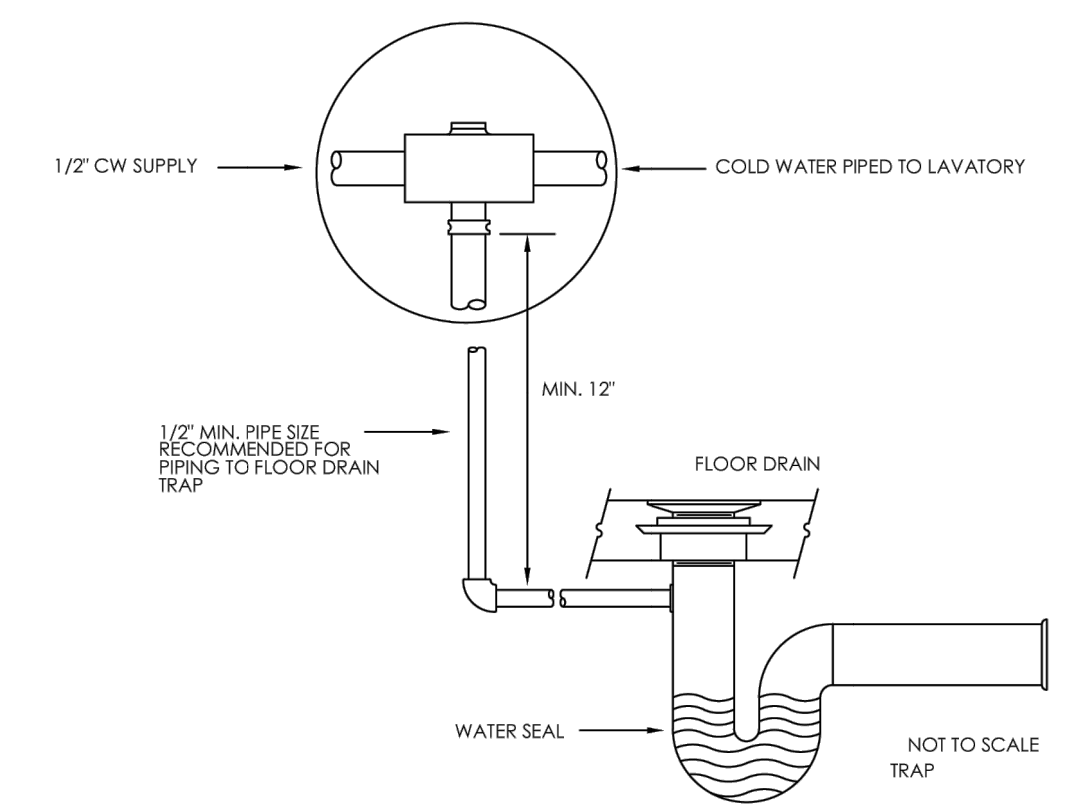
P2-1



**1** **TWO WAY CLEAN-OUT DETAIL**  
SCALE: N.T.S.



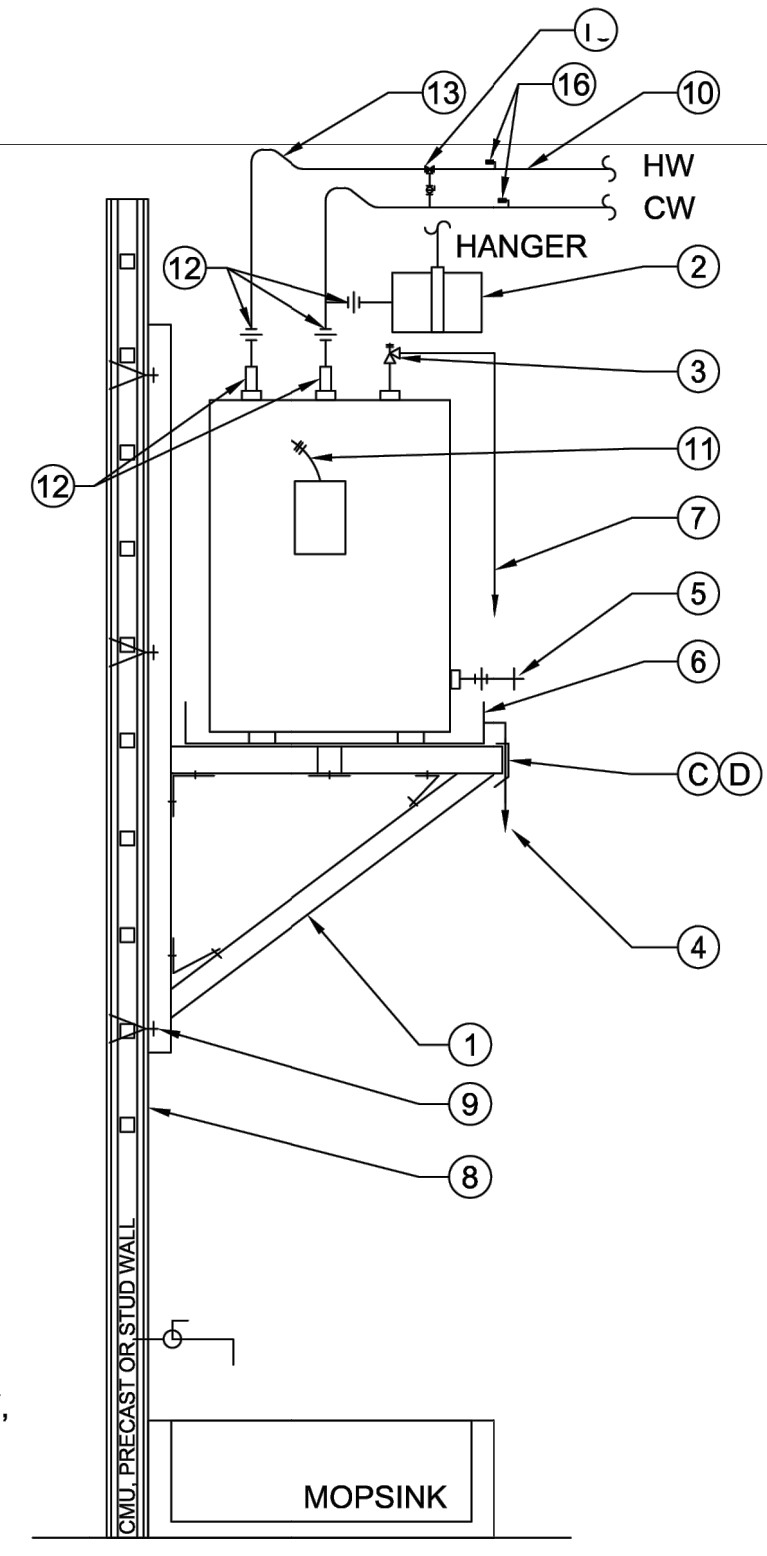
**5** **THERMOSTATIC MIXING VALVE DETAIL - TMV**  
SCALE: N.T.S.



**3** **TRAP PRIMER DETAIL**  
SCALE: N.T.S.

**NOTES:**

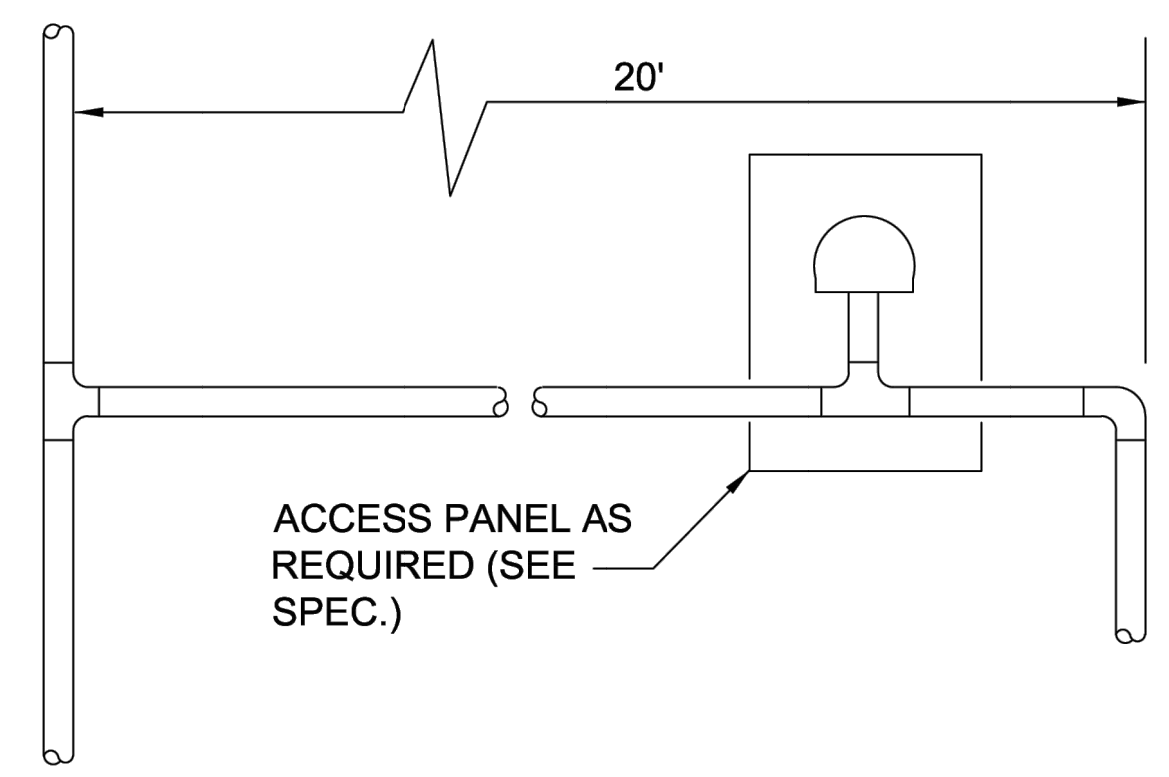
1. P1000 UNI-STRUT SUPPORT FRAME W/ SHEET STEEL BASE.
  2. WATT'S PORTABLE WATER EXPANSION TANK.
  3. T&P RELIEF VALVE
  4. PIPE FULL SIZE TO MOP SINK BELOW
  5. DRAIN VALVE WITH HOSE-END CONNECTION
  6. DRIP PAN
  7. PIPE 3/4" TO FLOOR SINK WITH APPROVED AIR GAP.
  8. WALL MOUNT SUPPORT BRACKET (UNI-STRUT P1000). UNI-STRUT MAY BE SUBSTITUTED WITH A SHOP FABRICATED STEEL ANGLE OR TUBE STEEL FRAME WITH FULLY WELDED JOINTS, PRIMED AND PAINTED.
  9. EXPANSION BOLT OR FASTENER SET INTO FULLY GROUTED CELL OR SOLID STRUCTURE OR METAL STUD(S) TYP. 3 PLACES EACH SIDE, 6 MINIMUM
  10. REFER TO FLOOR PLANS FOR PIPE SIZES
  11. BY ELECTRICAL
  12. DIELECTRICAL UNION
  13. OPTIONAL HEAT TRAP LOOP UP 6" MINIMUM
  14. HEAT TRAP FITTING IF NOTE 13 IS NOT APPLIED.
  15. THERMOSTATIC MIXING VALVE.
  16. THERMOMETER.
- A. MINIMUM PERFORMANCE FOR ELECTRIC STORAGE WATER HEATERS (LESS THAN 12 KW) TO COMPLY WITH IECC SECTION 804 MINIMUM EFFICIENCY REQUIREMENTS.
- B. TEMPERATURE CONTROLS FOR ELECTRIC STORAGE WATER HEATERS TO COMPLY WITH IECC SECTION 804.3
- C. ASSEMBLY LOCATED ABOVE MOP SINK SHALL HAVE ALL SHARP CORNERS PROTECTED WITH SUITABLE GUARD. REMOVE ALL SHARP EDGES. APPLY CLOSED CELL PIPE INSULATION OVER PORTIONS THAT MAY POSE AN IMPACT HAZARD TO ACCESS OF THE MOP SINK.
- D. ASSEMBLY BRACKET TO HAVE SIGNAGE, "FOR WATER HEATER SUPPORT ONLY, DO NOT USE FOR HANGING TOOLS"



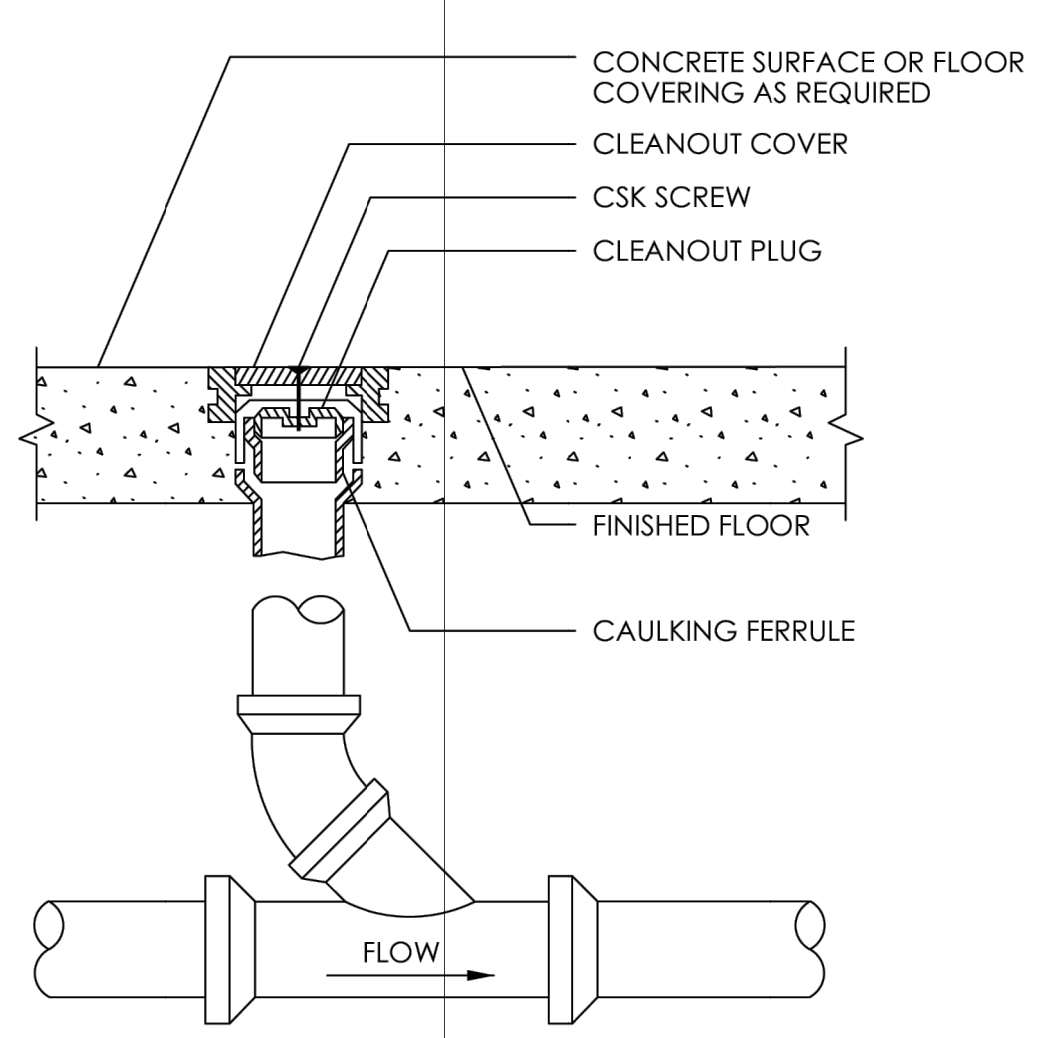
**9** **ABOVE MOP ELECTRIC WATER HEATER DETAIL**  
SCALE: N.T.S.

**NOTE!**  
FOR BRANCH LINES 20' OR LESS INSTALL WATER HAMMER ARRESTORS BETWEEN LAST TWO FIXTURES.

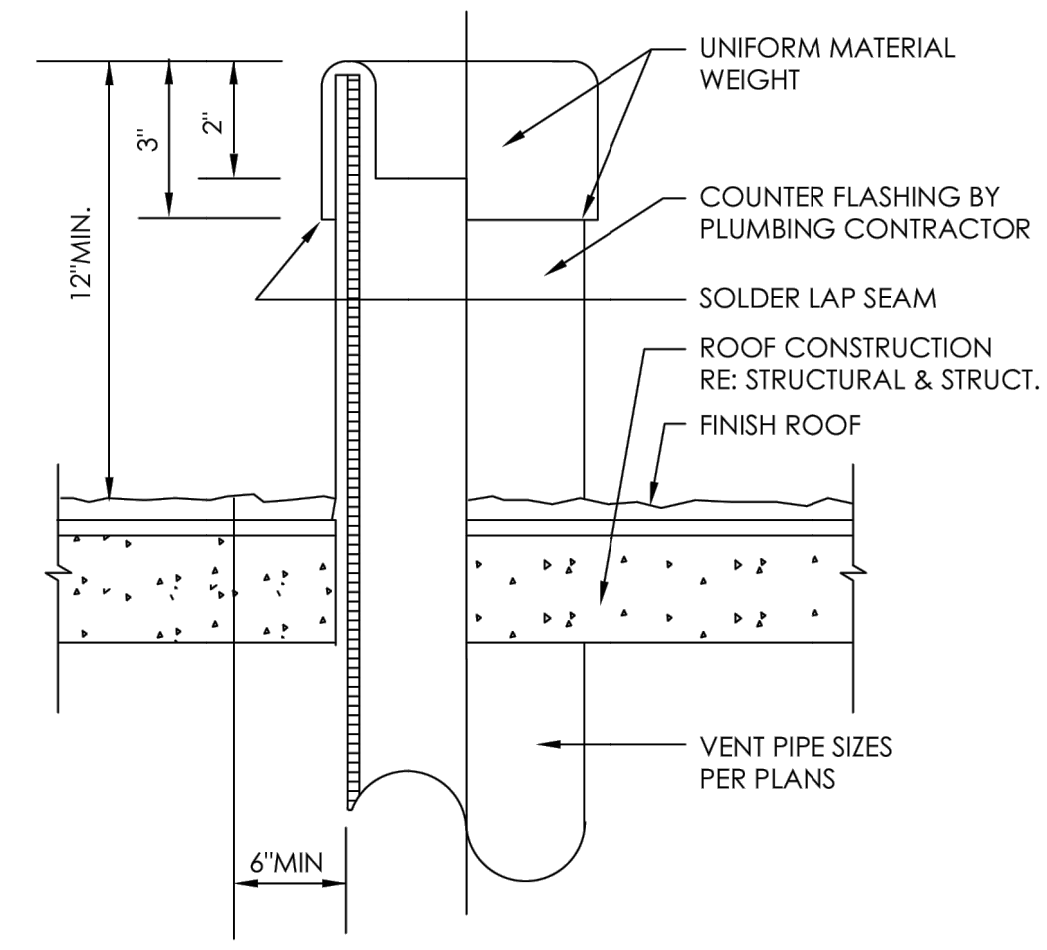
FOR BRANCH LINES OVER 20' PROVIDE TWO WATER HAMMER ARRESTOR UNITS. THE SECOND ONE PLACED AT THE MIDPOINT OF THE LINE.



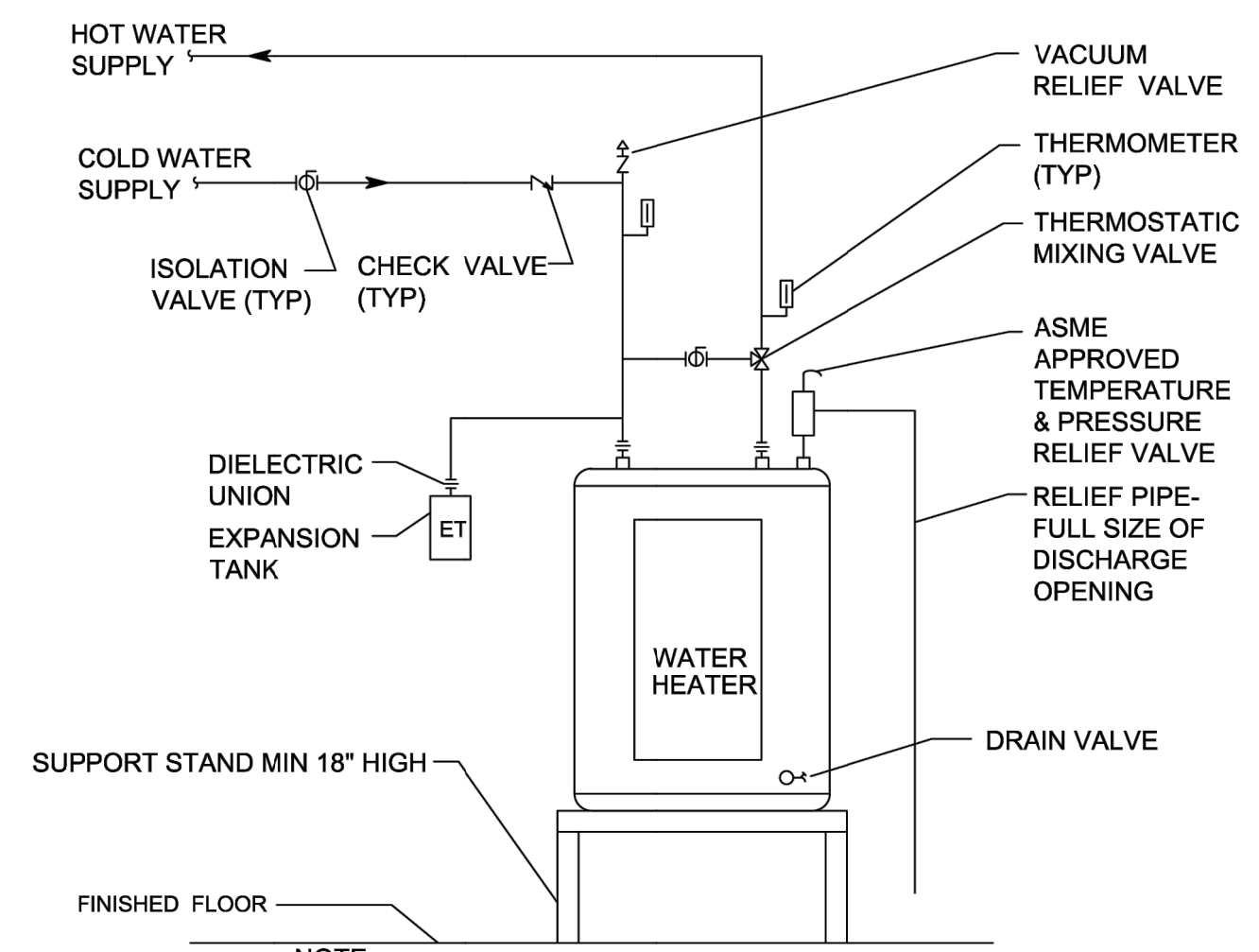
**5** **WATER HAMMER ARRESTORS DETAIL**  
SCALE: N.T.S.



**5** **FLOOR CLEAN-OUT DETAIL**  
SCALE: N.T.S.

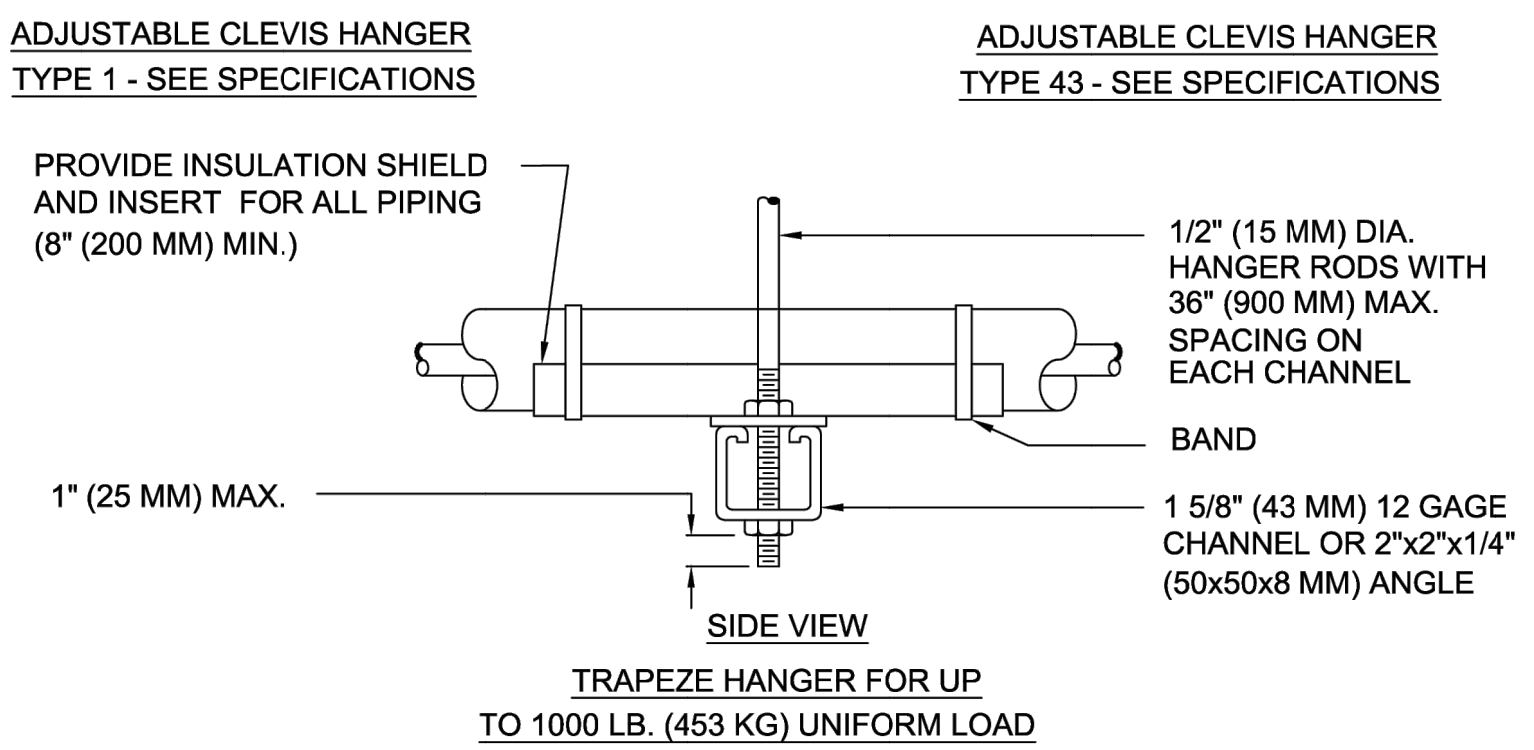
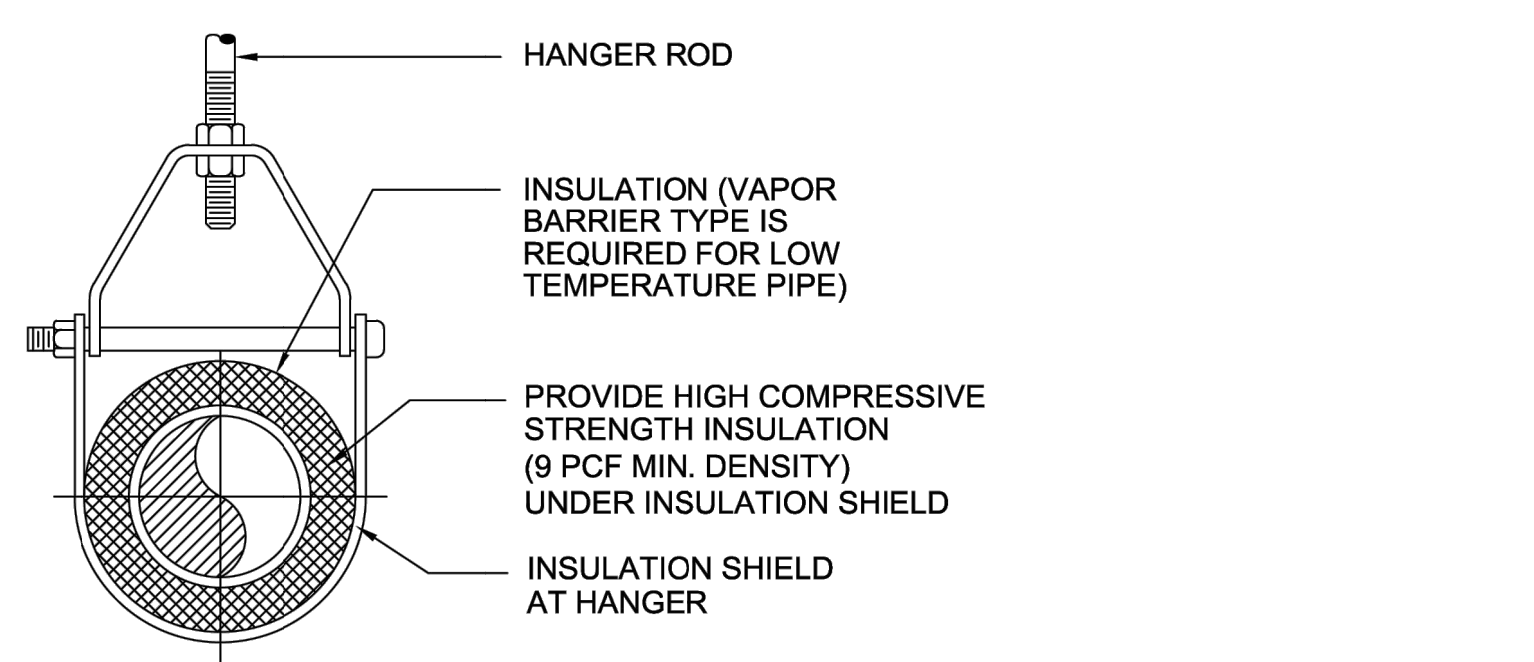


**6** **VENT THRU ROOF DETAIL**  
SCALE: N.T.S.

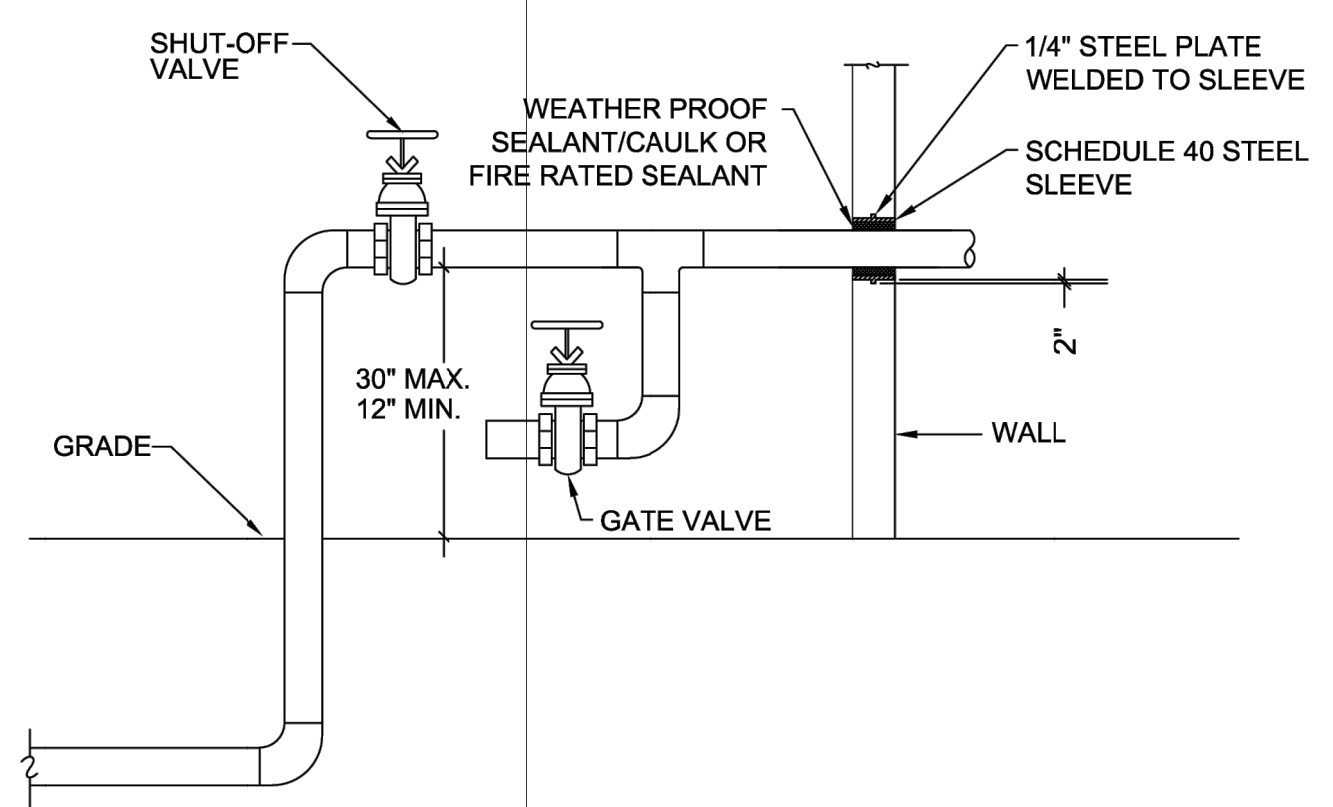


**9** **ELECTRIC WATER HEATER DETAIL**  
SCALE: N.T.S.

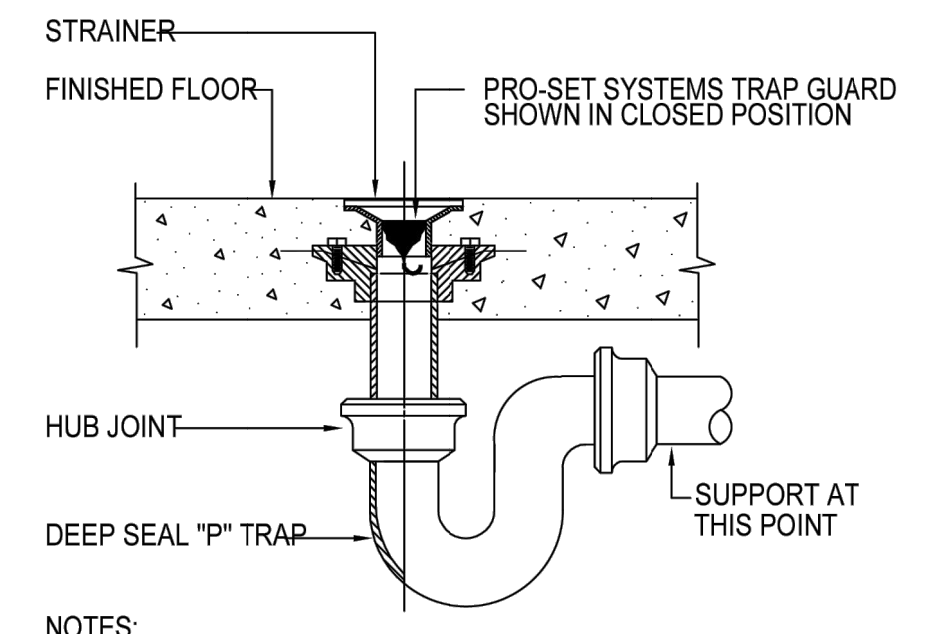
**NOTE:**  
1. SEE FLOOR PLAN FOR CONTINUATION AND PIPE SIZES.  
2. ANCHOR OR SUPPORT WATER HEATER IN SEISMIC AREAS.



**7** **WATER ENTRY DETAIL**  
SCALE: N.T.S.



**7** **WATER ENTRY DETAIL**  
SCALE: N.T.S.



- NOTES:**
1. TRAP GUARD SHALL BE FACTORY FITTED TO MATCH EACH FLOOR DRAIN (AND FLOOR SINK) BY SIZE, MODEL, AND MANUFACTURER.
  2. FLOOR SINK/HUB DRAIN TRAP GUARD INSTALLATION IS SIMILAR.
  3. INSTALLATION OF TRAP GUARD TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  4. INSERT TRAP GUARD ONLY AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS TITE SEAL. FOR DRAIN RODDING AFTER INSTALLATION, INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2\"/>

**8** **FLOOR DRAIN WITH TRAP SEAL PROTECTION**  
SCALE: N.T.S.

All design plans in this publication are protected under the copyright law. Reproduction of the illustrations or working drawings by any means is strictly prohibited.  
 USF C:\Users\user\AppData\Local\Temp\Ac\B\ush\_14560UP\_BLDG C.dwg  
 May 22, 2024, 3:37pm  
 PROJECT: 23-0162 C  
 SCALE: AS NOTED  
 DRAWN BY: M.F  
 DESIGNED BY: O.F  
 WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Contractors shall verify and be responsible for dimensions and conditions of the job and M.S., Inc. must be notified in writing of any changes in the dimensions, conditions and specifications appearing on these plans.

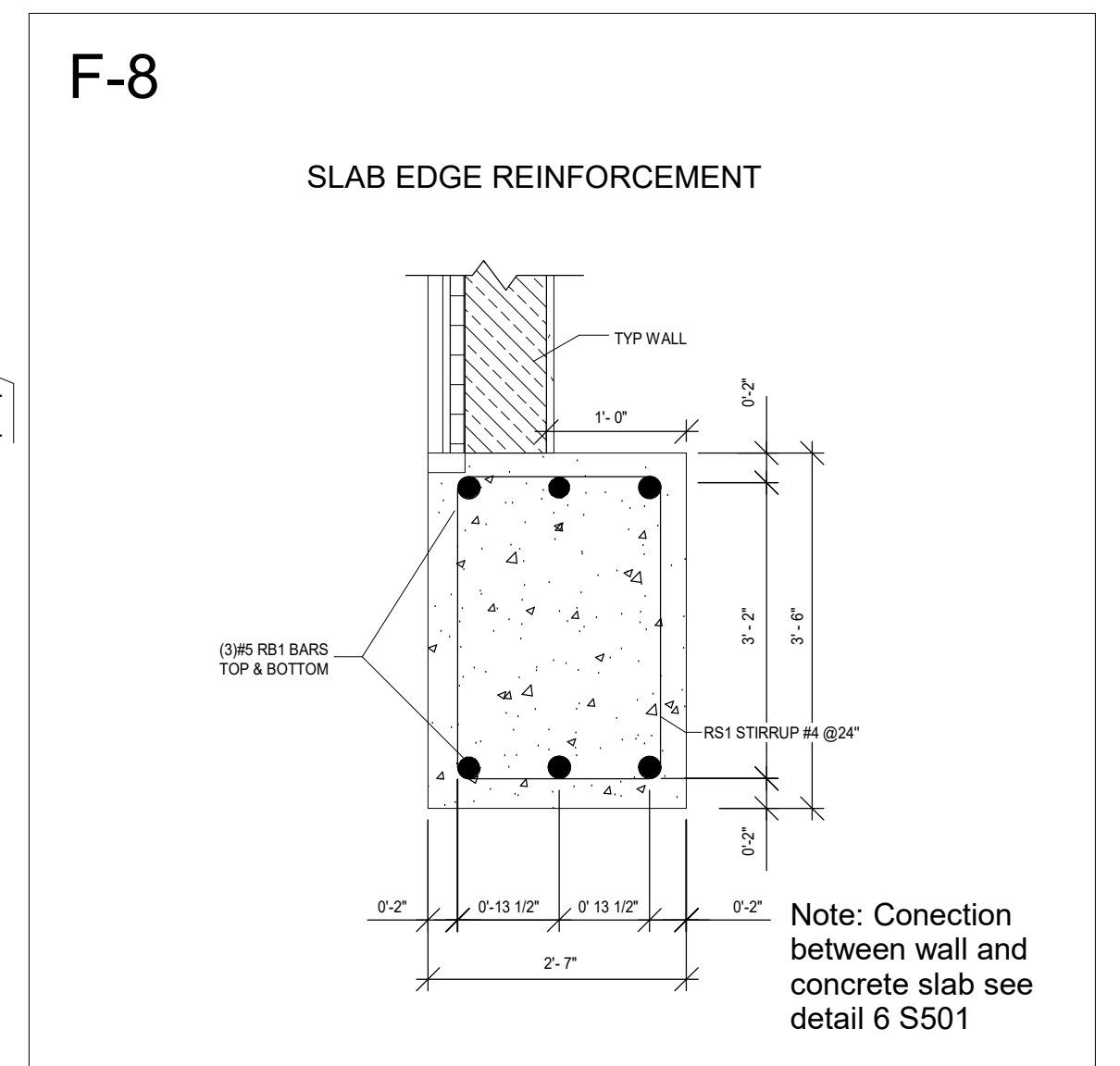
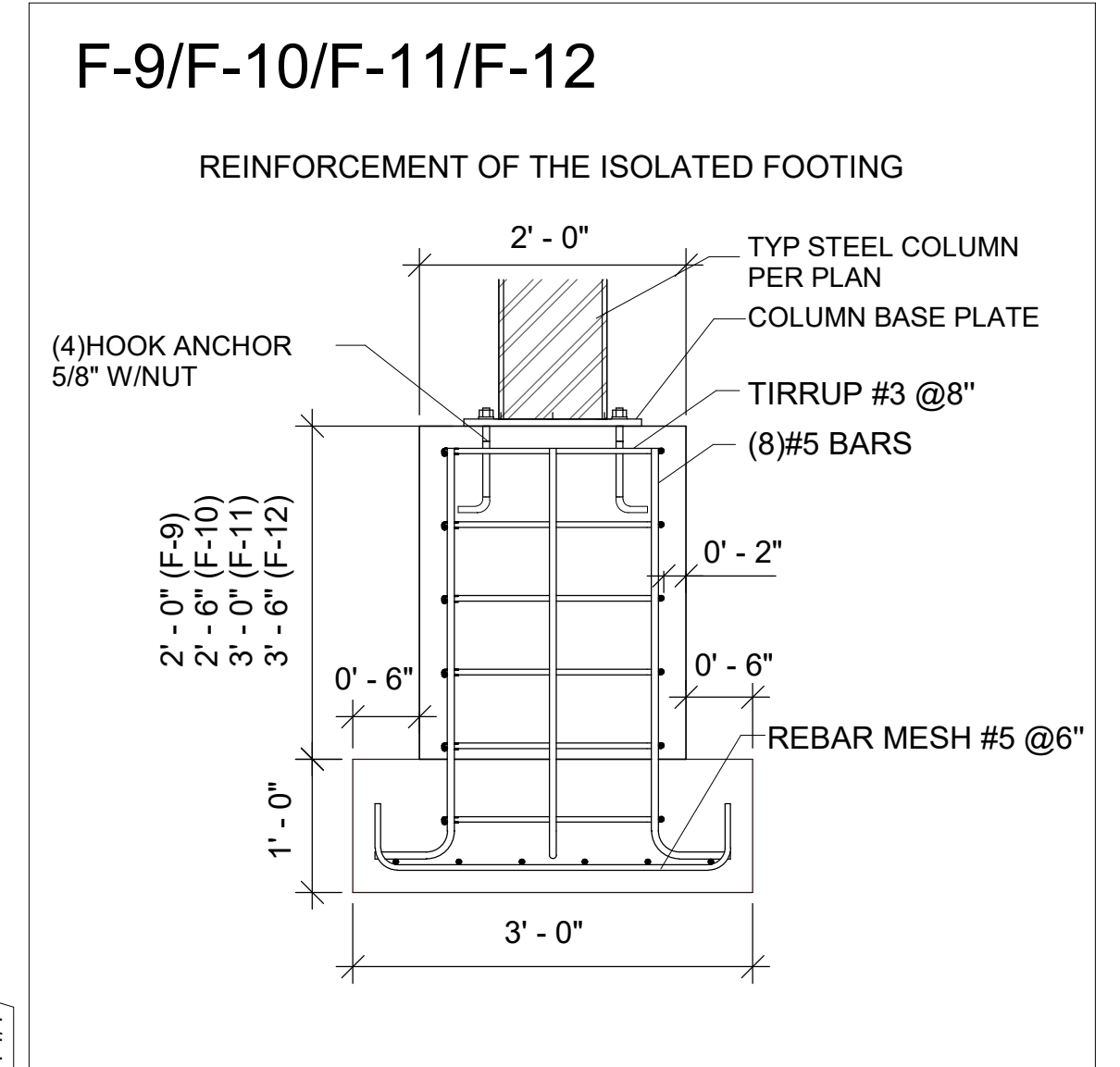
**WORLD**  
DESIGNERS

ISSUE DATE: 05/20/2024

REVISIONS

APPROVAL ISSUE	05/20/2024
REVISION #1	08/16/2024

PROJECT: 23-0162 C  
SCALE: AS NOTED  
DRAWN BY: M.F  
DESIGNED BY: O.F

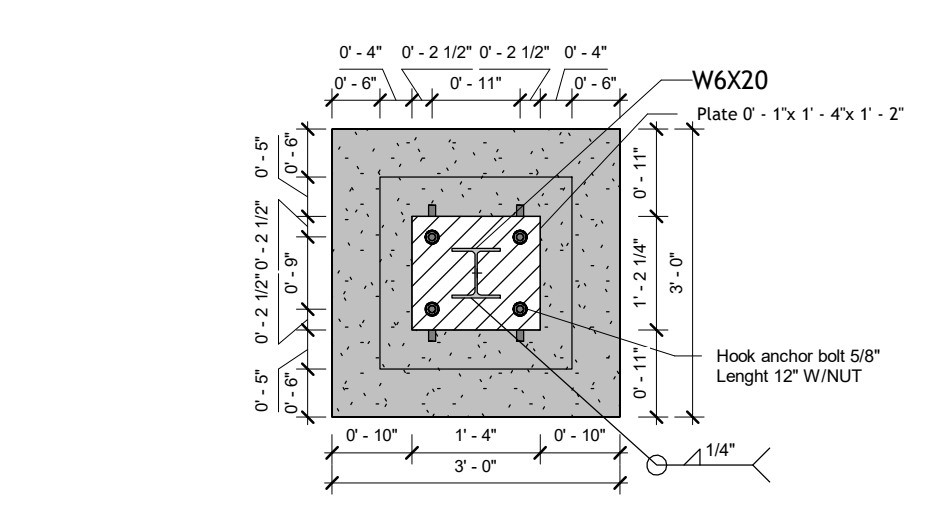
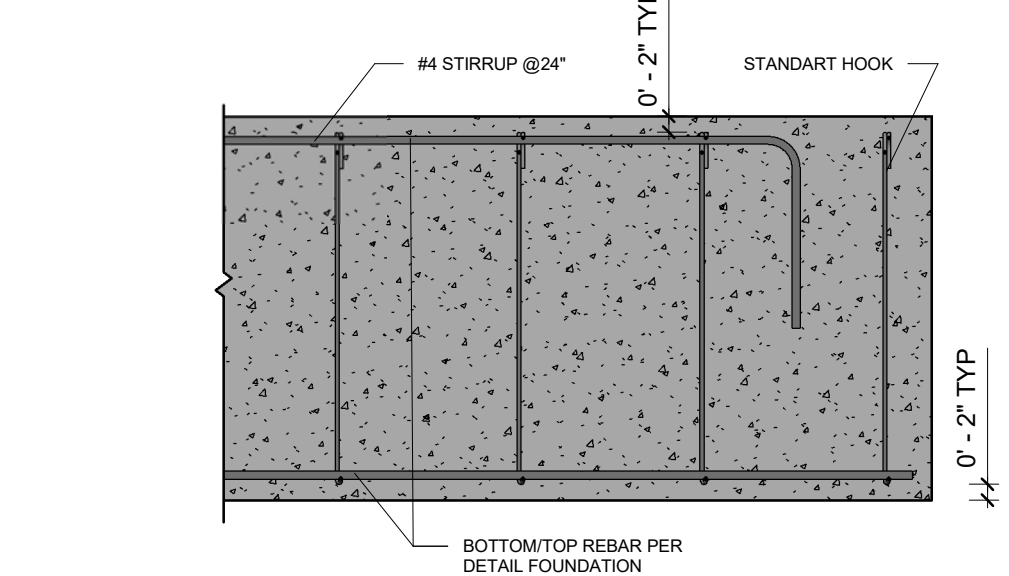
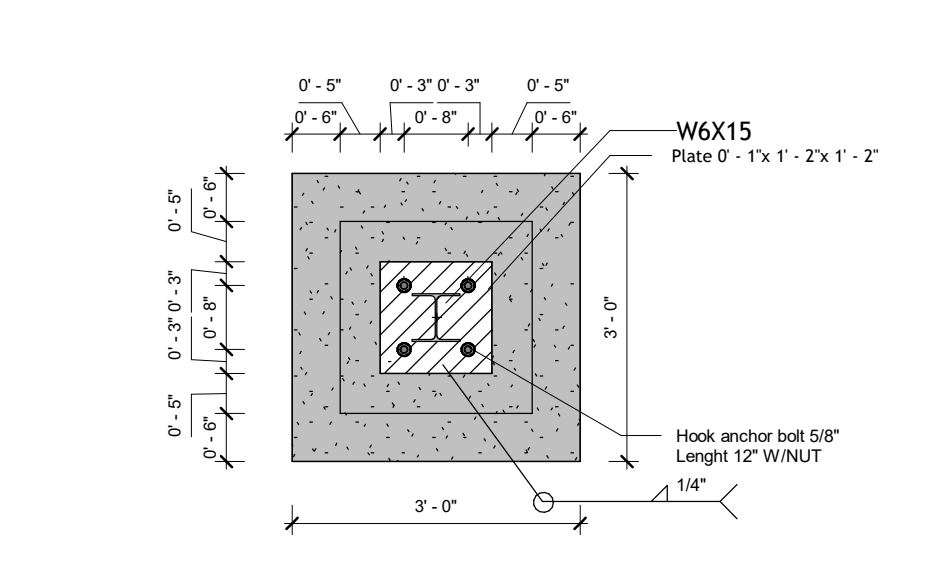
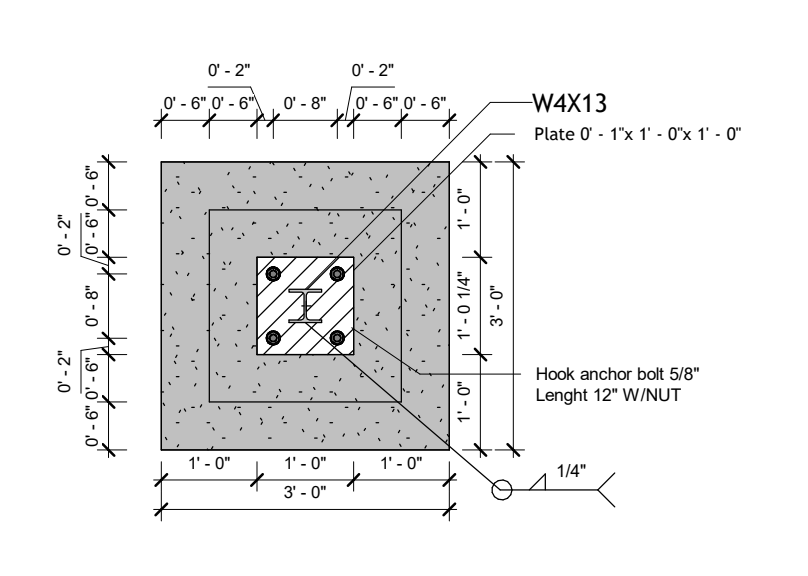


**NOTE:**  
 1) The first and last rebar embedded in the foundation must be located in the center of the first and last cell of the CMU wall.  
 2) The distance between the first and last embedded rebar shall be filled #5@40" with shape code 12 embedded rebar.  
 3) The embedded rebar for the demising wall foundation must be staggered, i.e. the bends must alternate between one side and the other in turn.  
 4) Install the same rebar as the top rebar of the foundation at each corner of the foundation beam. The corner rebar must be fixed to the top rebar of the foundation beam and extend a minimum of 3' to each side of the foundation beam.  
 5) All diameters and reinforcement spacing for reinforcing foundations are given as examples. The reinforcement of the foundations must be made according to the subcontractor's output.

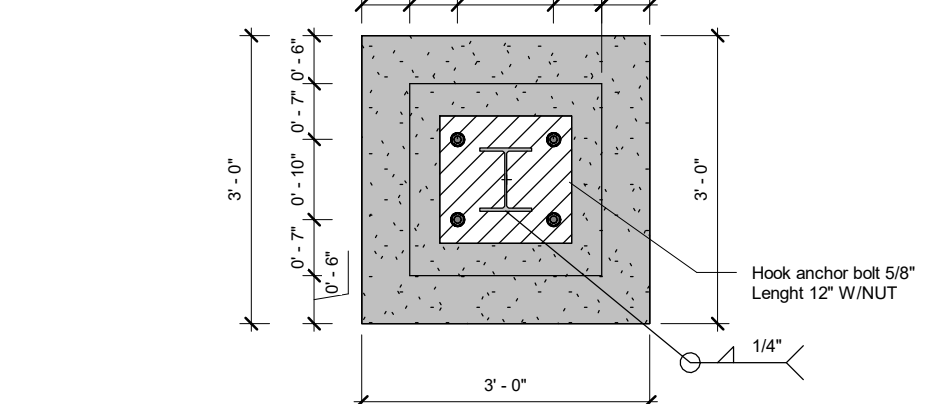
MINIMUM LAP SPLICE LENGTHS  $f_c = 4000$  psi

BAR	* MIN BAR SPACING	LAPS FOR BARS SPACED GREATER THAN MIN BAR SPACING		LAPS FOR BARS SPACED CLOSER THAN MIN BAR SPACING	
		VERTICAL	OTHER	VERTICAL	OTHER
#3	3"	1'-4"	1'-6"	1'-4"	1'-6"
#4	3"	1'-7"	2'-0"	1'-8"	2'-2"
#5	3"	1'-11"	2'-6"	2'-7"	3'-4"
#6	4"	2'-4"	3'-0"	3'-8"	4'-9"
#7	4"	3'-6"	4'-6"	4'-11"	6'-5"
#8	4"	4'-7"	5'-11"	6'-6"	8'-6"
#9	4 1/2"	5'-9"	7'-6"	8'-3"	10'-9"
#10	5"	7'-4"	9'-6"	10'-6"	13'-7"
#11	5 5/8"	9'-0"	11'-8"	12'-10"	16'-8"

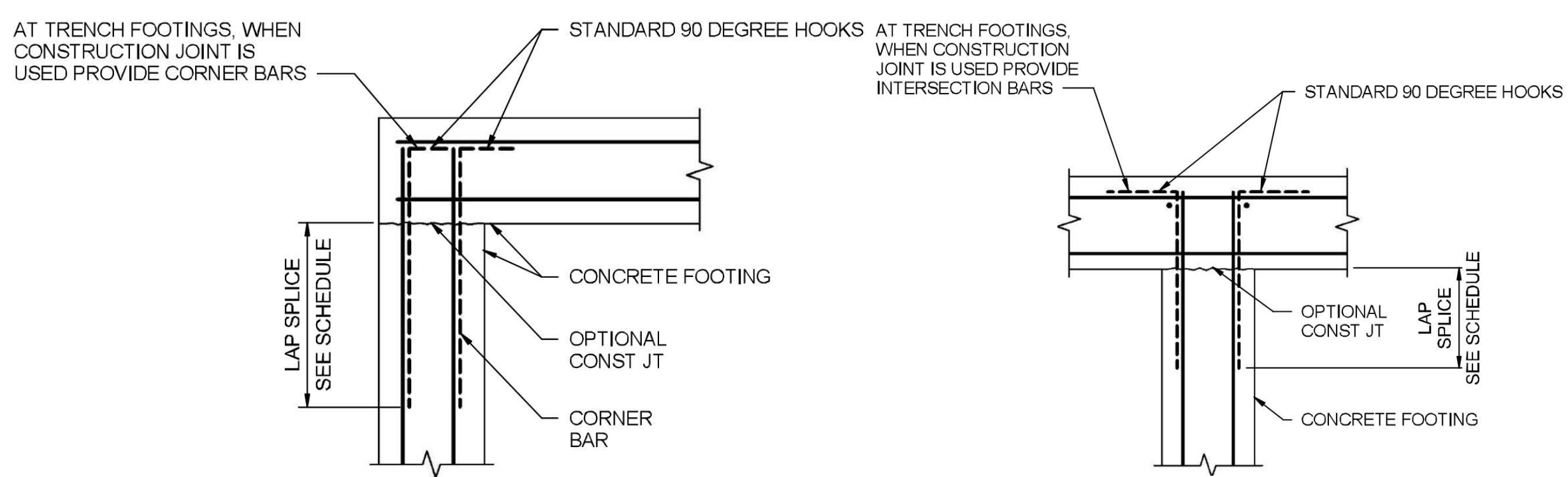
**NOTES:**  
 1. ALL REBAR SPLICE LENGTHS SHALL BE AS SHOWN UNDER HEADING "VERTICAL" EXCEPT IF SPLICED BARS ARE HORIZONTAL BARS WITH 12" OR MORE CONCRETE BELOW. THEN SPLICE LENGTH SHALL BE AS SHOWN UNDER HEADING "OTHER".  
 2. \*AT SPLICES THE BAR SPACING IS THE CENTER TO CENTER DISTANCE BETWEEN ADJACENT REBAR.  
 3. ALL SPLICES SHALL BE CONTACT SPLICES AND WIRED TOGETHER.  
 4. NO WELDED OR MECH SPLICES ARE PERMITTED UNLESS INDICATED OTHERWISE.  
 5. UNLESS OTHERWISE SHOWN, SPLICES FOR BOTTOM REINFORCING BARS IN BEAM SHALL BE CENTERED OVER THE SUPPORTS, SPLICES FOR TOP REINFORCING BARS SHALL BE LOCATED ON THE CENTERLINE OF SPAN.



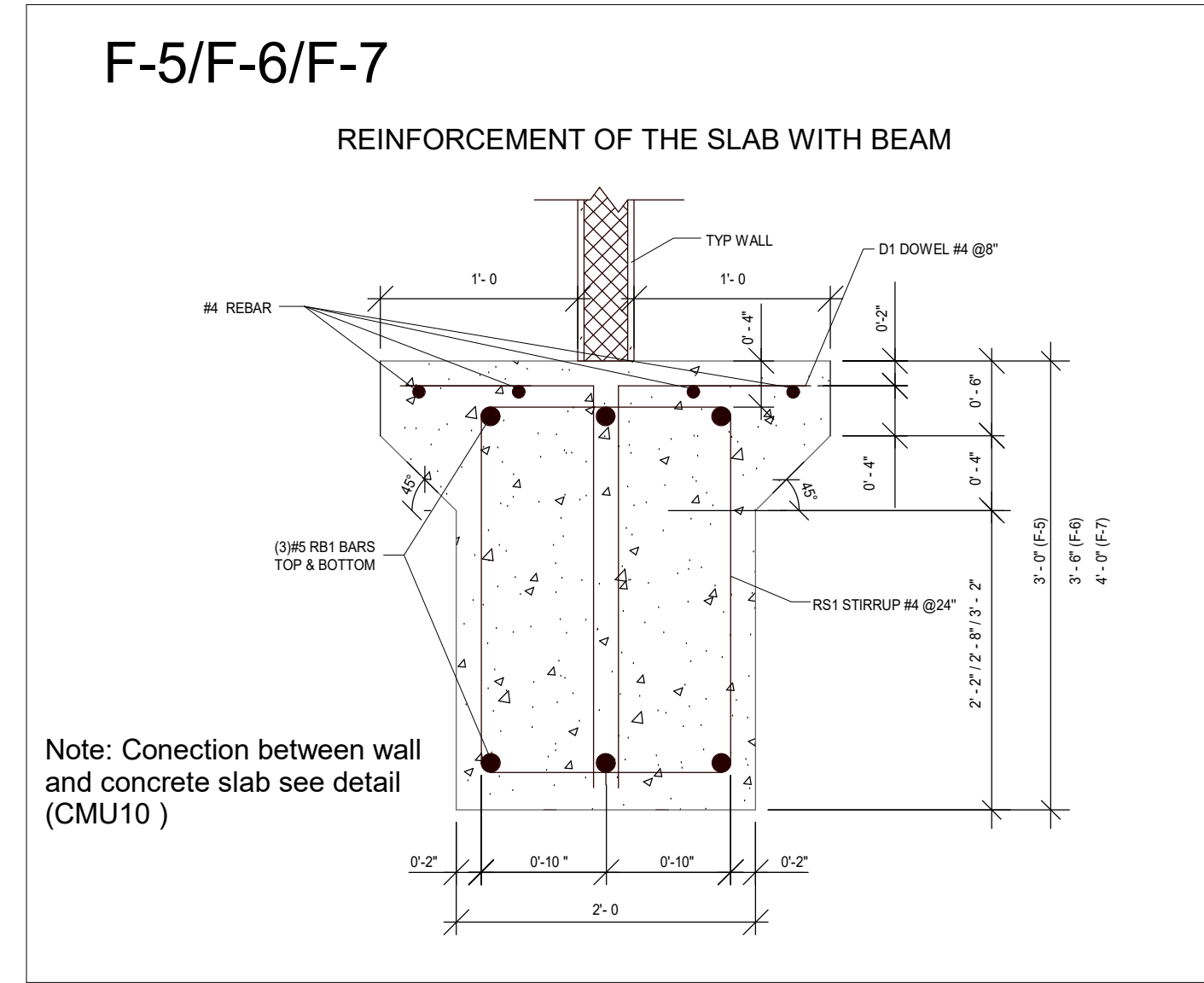
**7** TYPICAL BASE PLATE DETAIL 3  
1/2" = 1'-0"



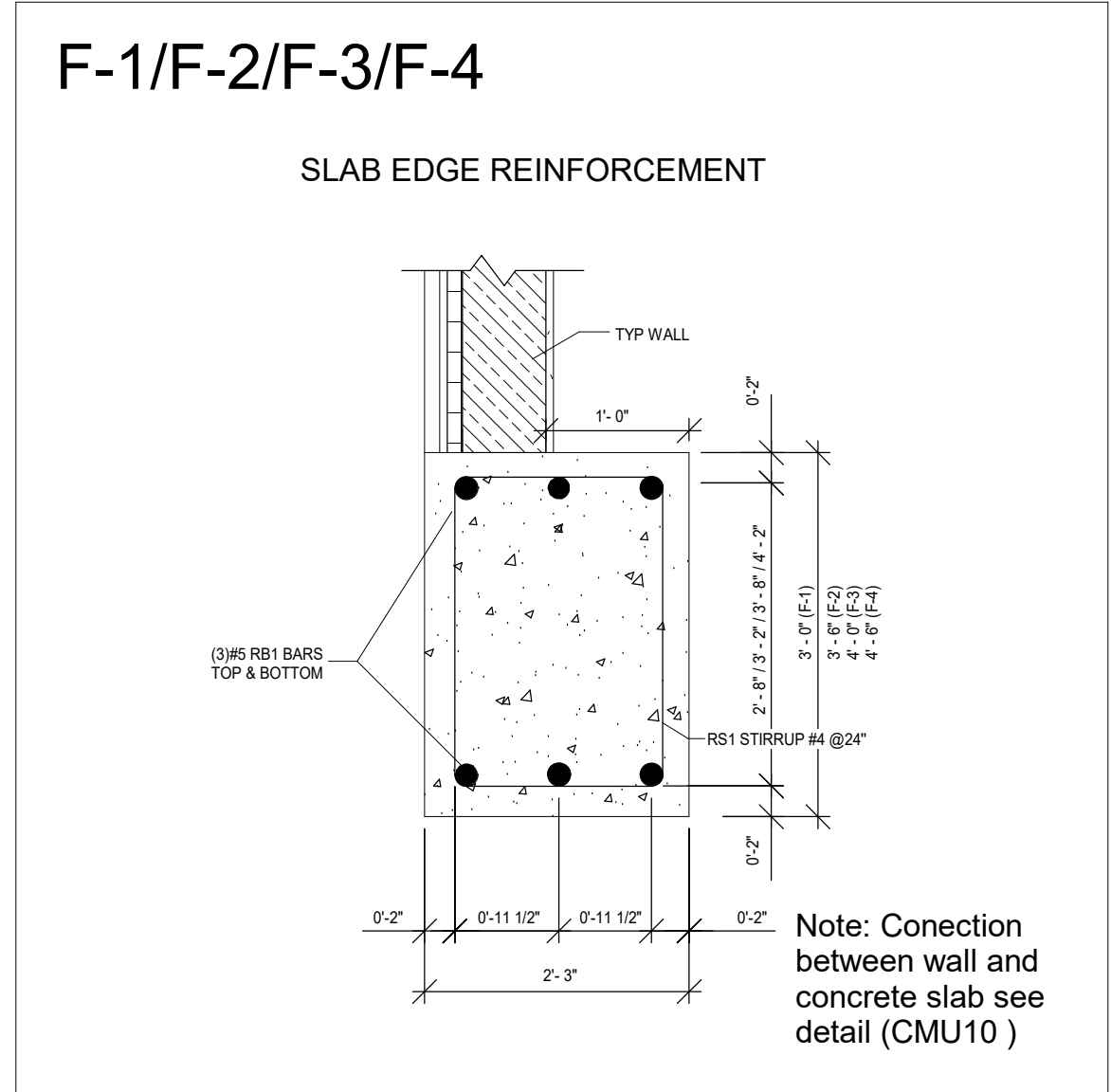
**8** TYPICAL BASE PLATE DETAIL 4  
1/2" = 1'-0"



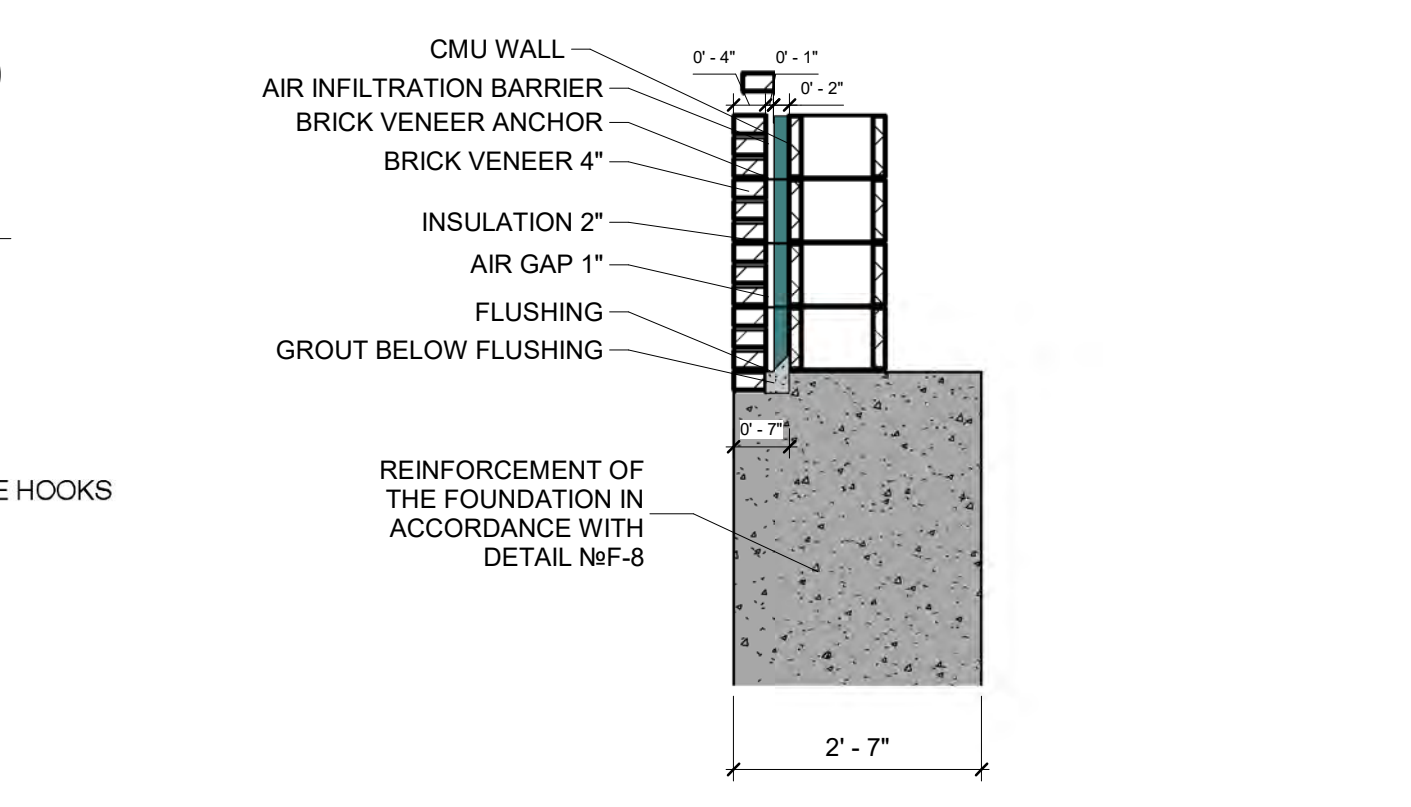
**6** TYPICAL FOOTING REINFORCING AT CORNERS AND INTERSECTION  
3/4" = 1'-0"



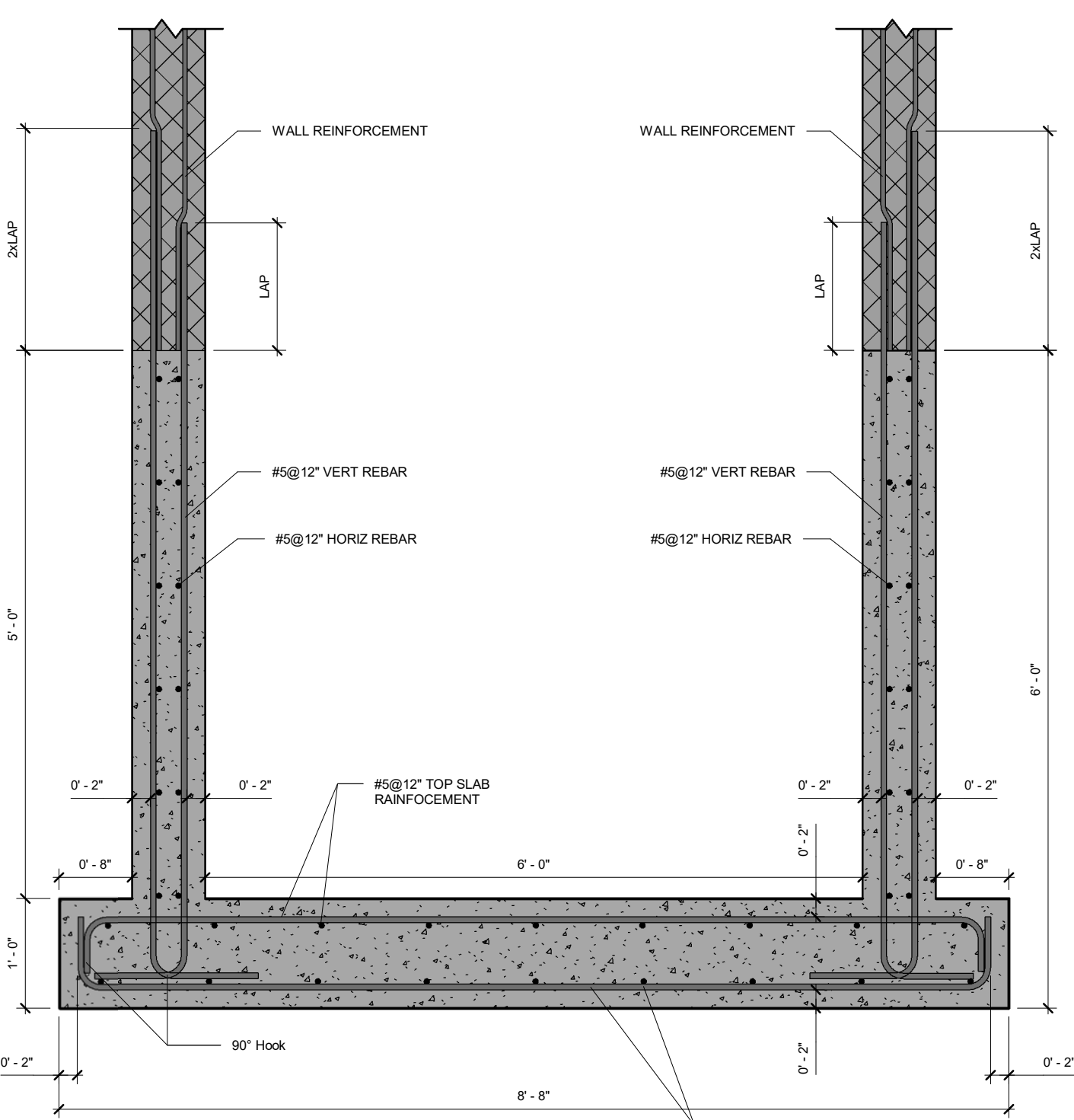
**F-5/F-6/F-7** REINFORCEMENT OF THE SLAB WITH BEAM



**F-1/F-2/F-3/F-4** SLAB EDGE REINFORCEMENT



**2** FOUNDATION WITH BRICK VENEER  
1/2" = 1'-0"

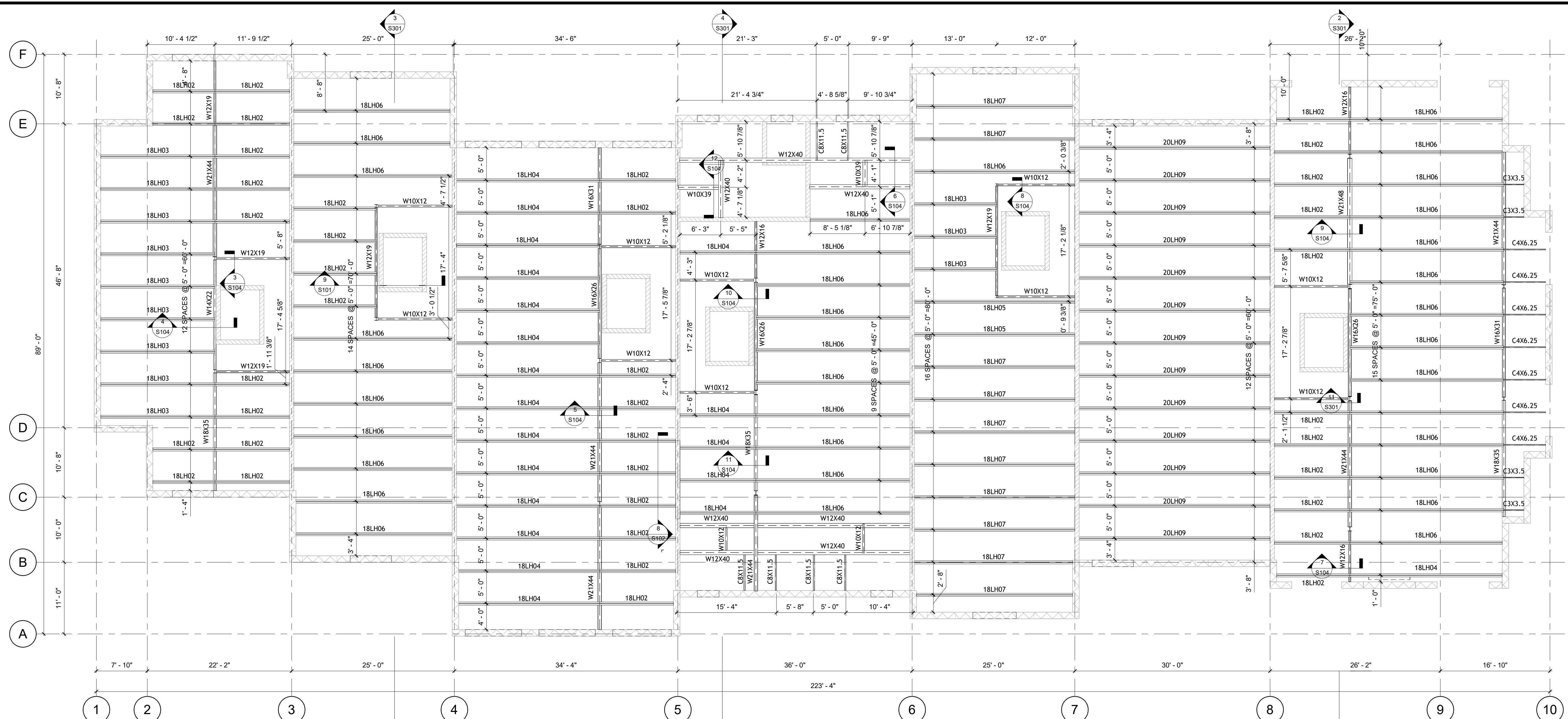


**9** ELEVATOR PIT DETAIL  
3/4" = 1'-0"

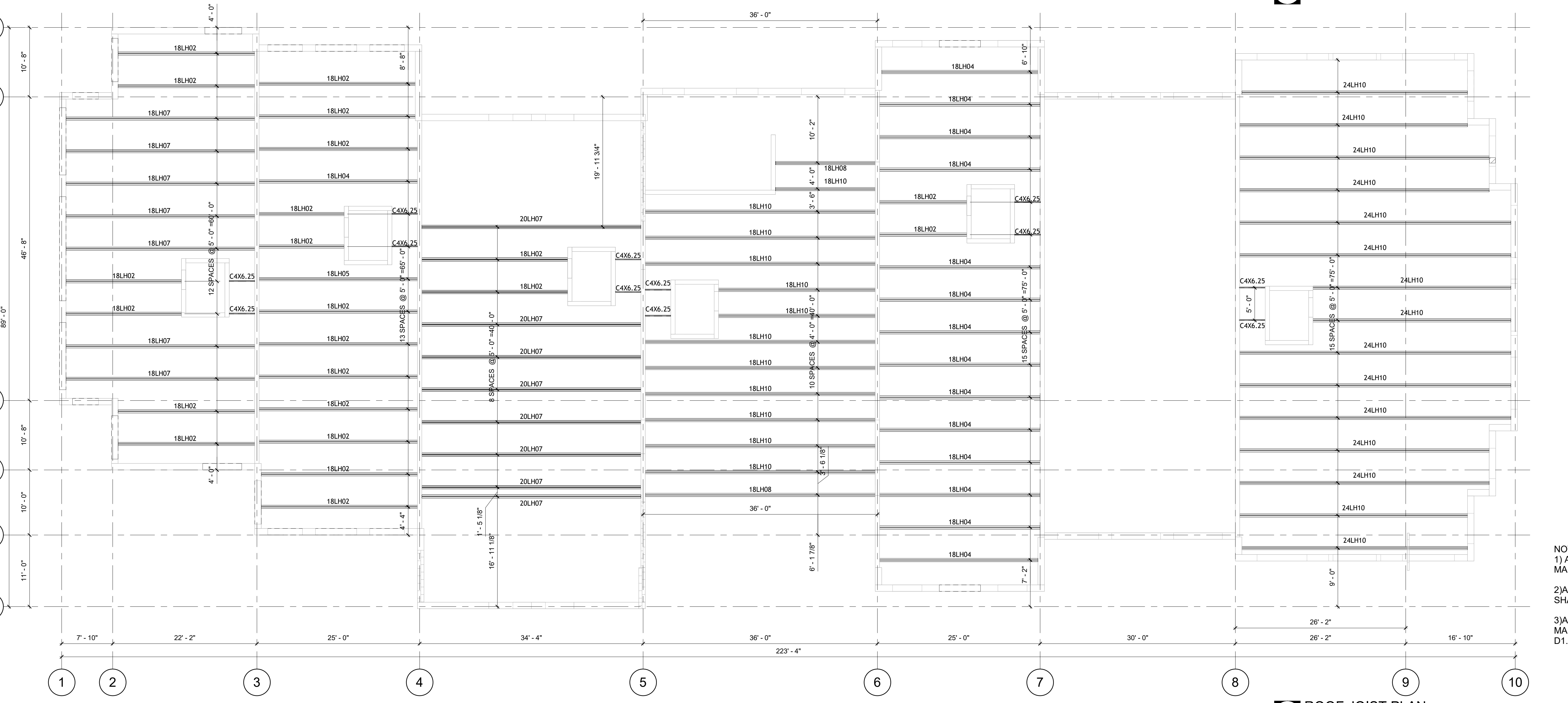
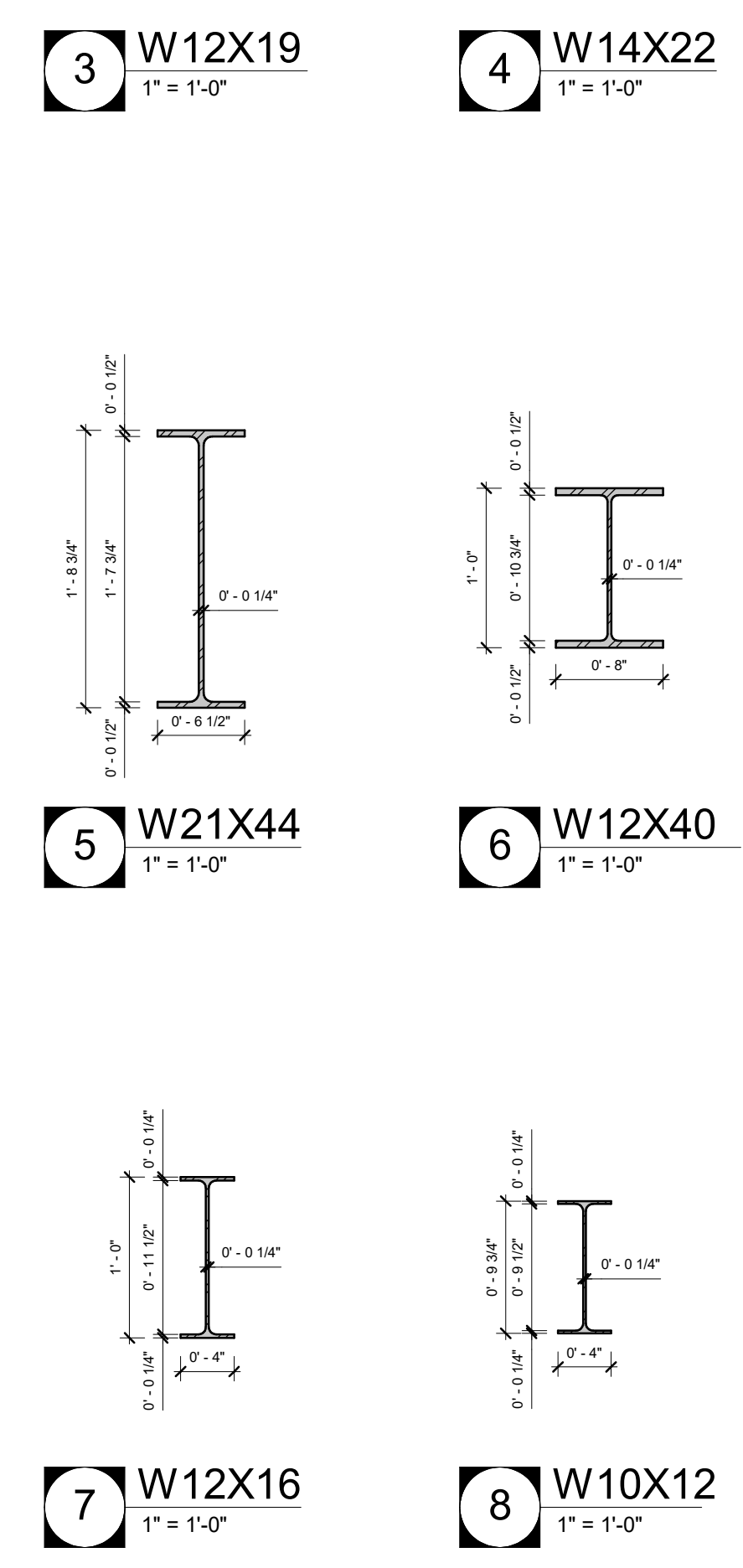
**3** TYPICAL BASE PLATE DETAIL 1  
1/2" = 1'-0"

**4** TYPICAL BASE PLATE DETAIL 2  
1/2" = 1'-0"

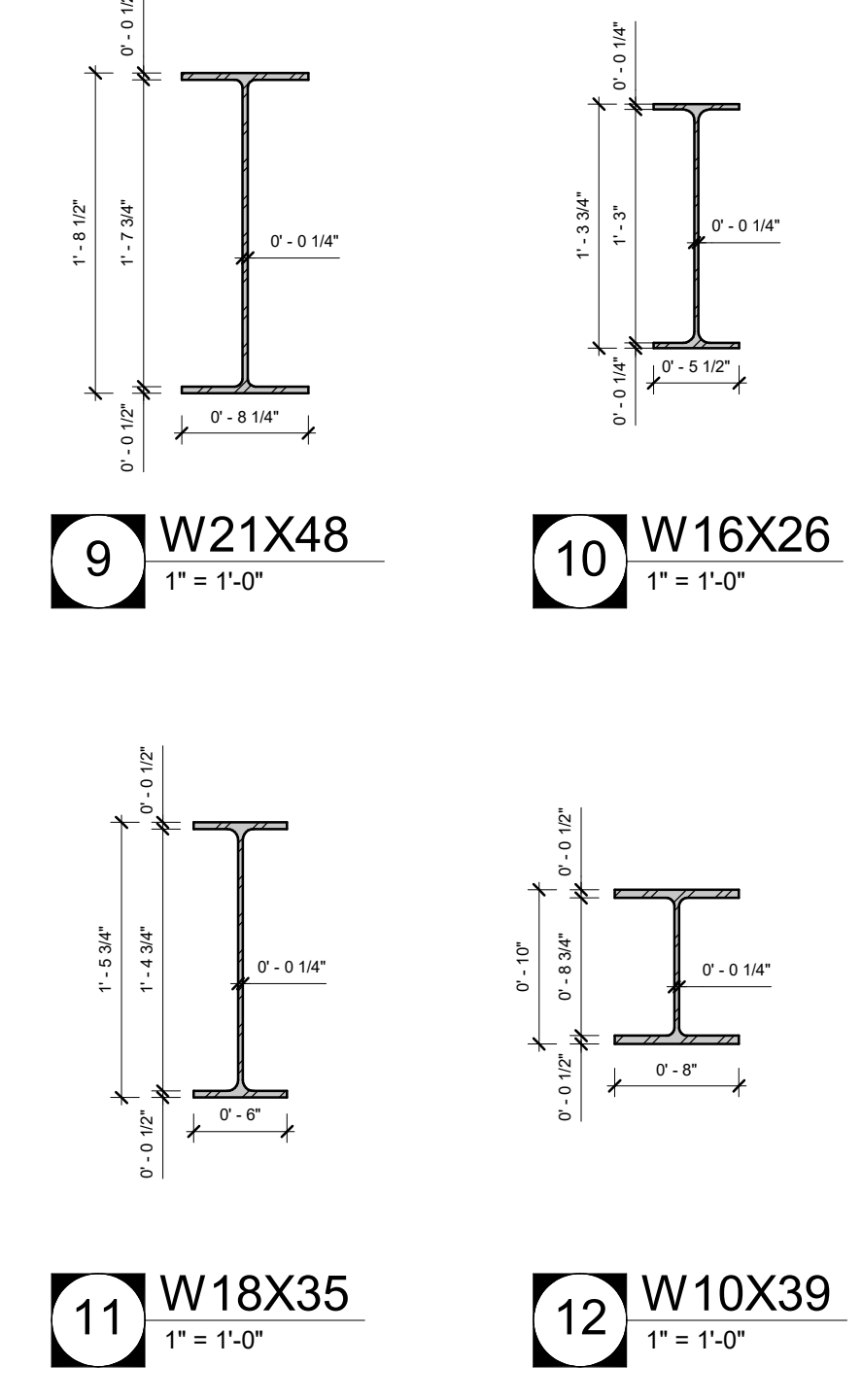
**5** TYPICAL DETAIL OF THE END FOUNDATION BEAM  
1/2" = 1'-0"



**1 FUTURE SECOND FLOOR JOIST PLAN**  
1/8" = 1'-0"



**2 ROOF JOIST PLAN**  
1/8" = 1'-0"



NOTE:  
 1) ALL JOISTS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.  
 2) ALL EMBEDDED PARTS FOR FIXING THE JOISTS IN THE CMU WALLS SHALL BE INSTALLED DURING THE GROUTING PROCESS.  
 3) ALL WELDED JOINTS BETWEEN STEEL BEAMS AND JOISTS SHALL BE MADE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE, D1.1:2020.

**WORLD**  
 EQUIPMENT CENTER, LLC  
 3101 HOUSTON, TX 77058  
 (281) 416-1111  
 www.world-equipment.com

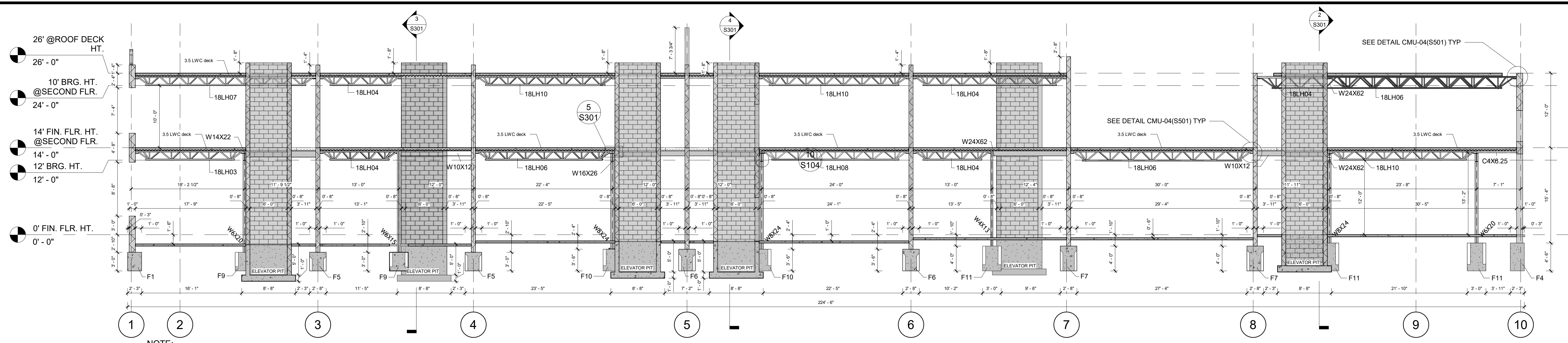
PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: GDI  
 DESIGNED BY: MJS

ISSUE DATE: 08.16.2024  
 REVISIONS:  
 1 08.16.24 ADDENDUM #1

PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: GDI  
 DESIGNED BY: MJS

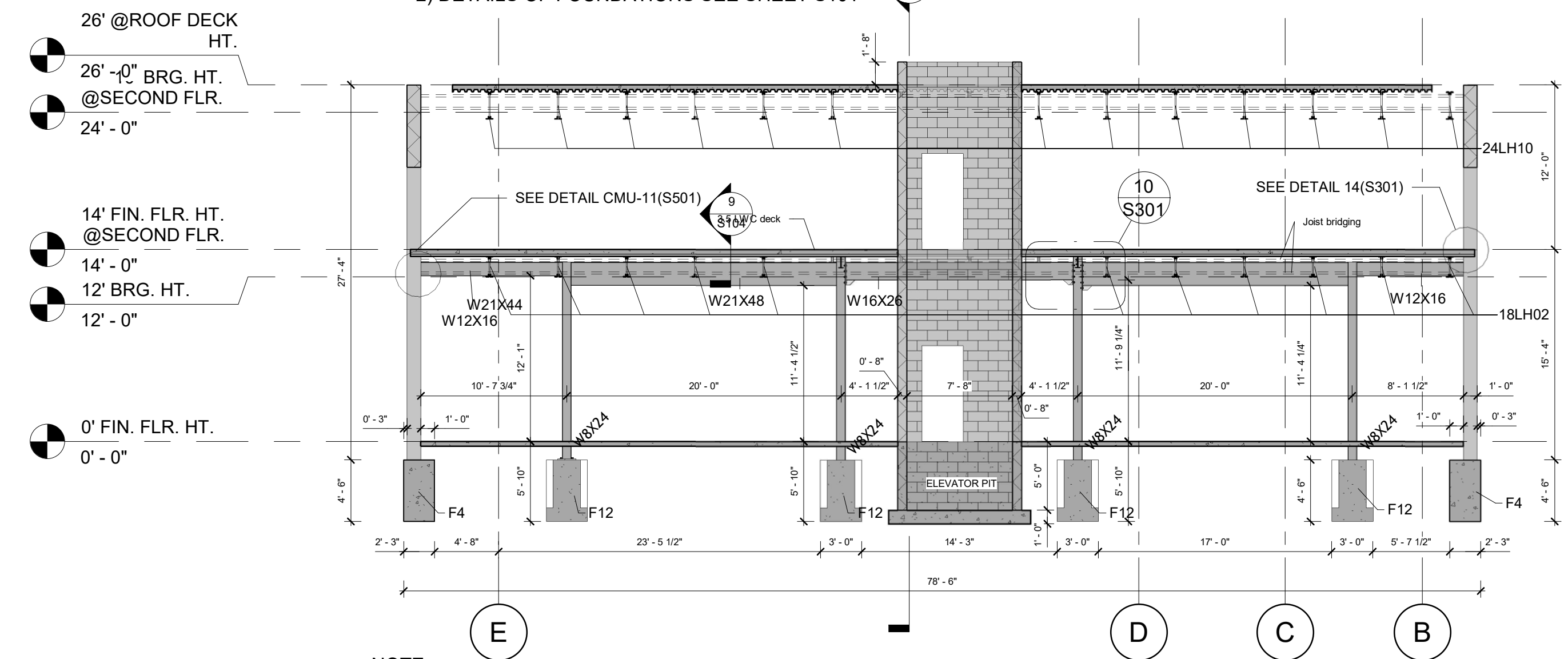
JOIST PLAN  
**S104**

(Green Dream International LLC)  
 CONSULTING ENGINEER AND ARCHITECT  
 3101 HOUSTON, TX 77058  
 residential-commercial-architecture  
 A  
 WORLD EQUIPMENT CENTER, LLC  
 3101 HOUSTON, TX 77058  
 (281) 416-1111  
 www.world-equipment.com  
 DUSTIN OWEN  
 PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: GDI  
 DESIGNED BY: MJS  
 ISSUE DATE: 08.16.2024  
 REVISIONS:  
 1 08.16.24 ADDENDUM #1  
 JOIST PLAN  
**S104**



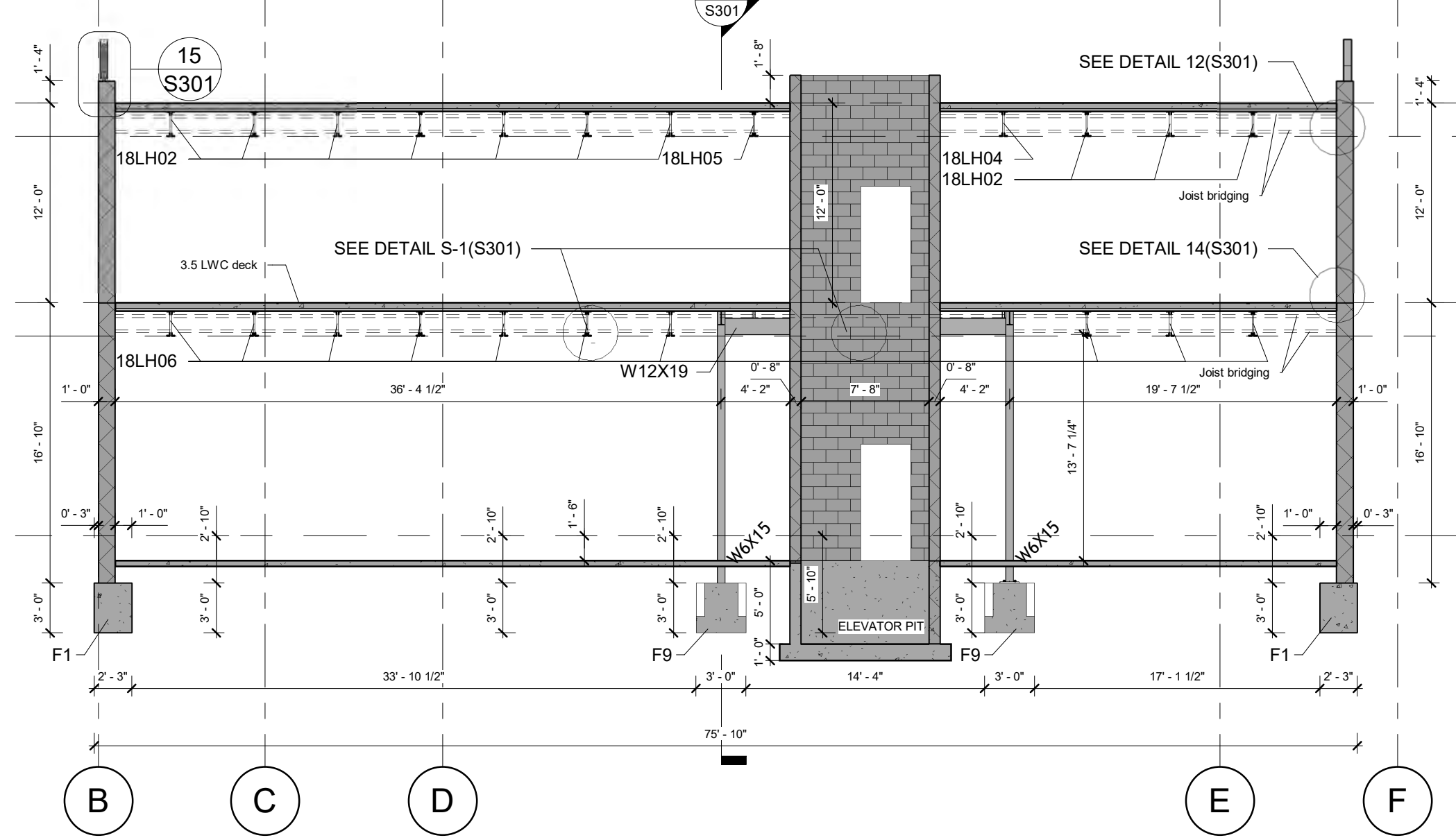
NOTE:  
1) ALL SECOND FLOOR ARE OPTIONAL  
2) DETAILS OF FOUNDATIONS SEE SHEET S101

1 Section 1  
1/8" = 1'-0"



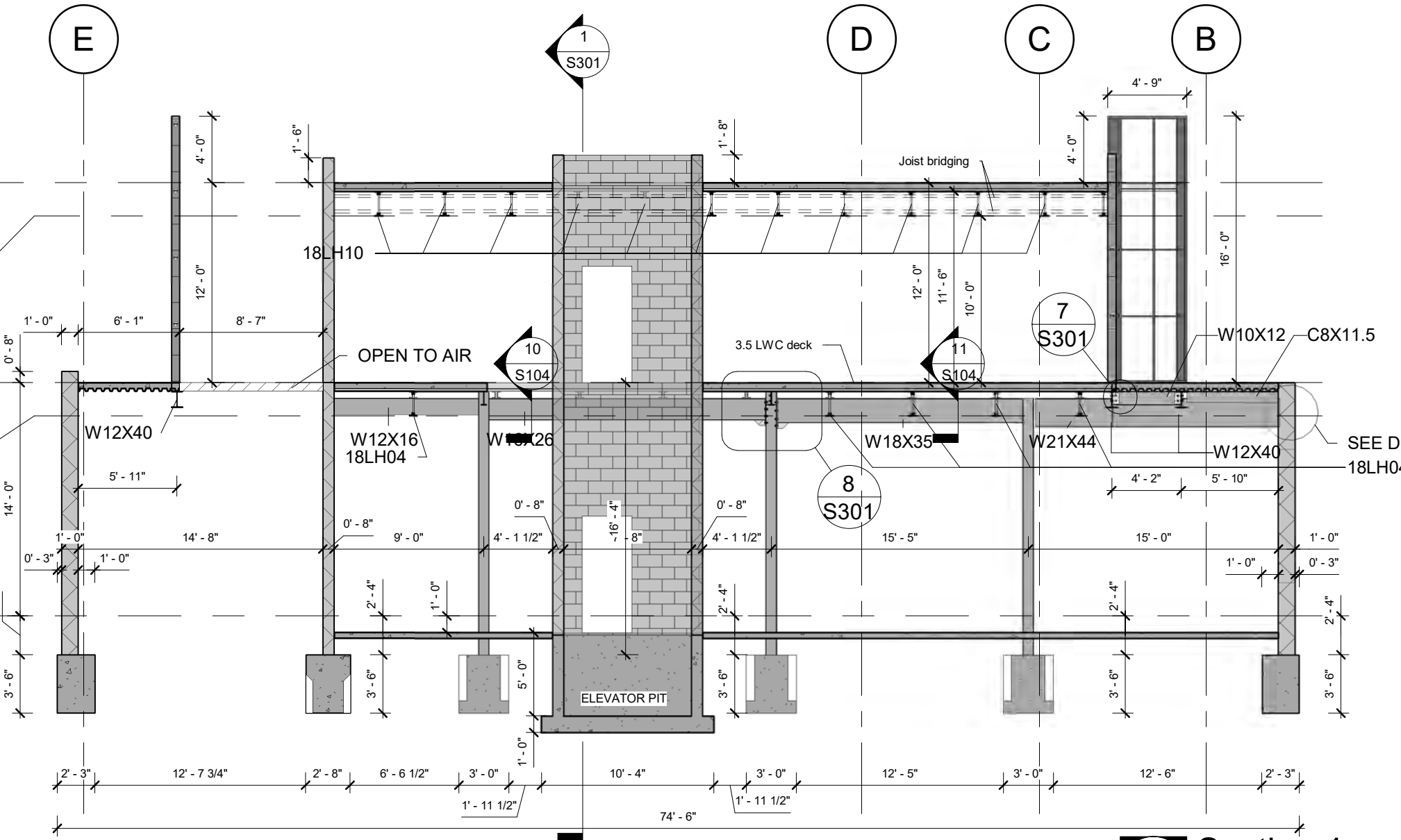
NOTE:  
1) ALL SECOND FLOOR ARE OPTIONAL  
2) DETAILS OF FOUNDATIONS SEE SHEET S101

2 Section 2  
1/8" = 1'-0"



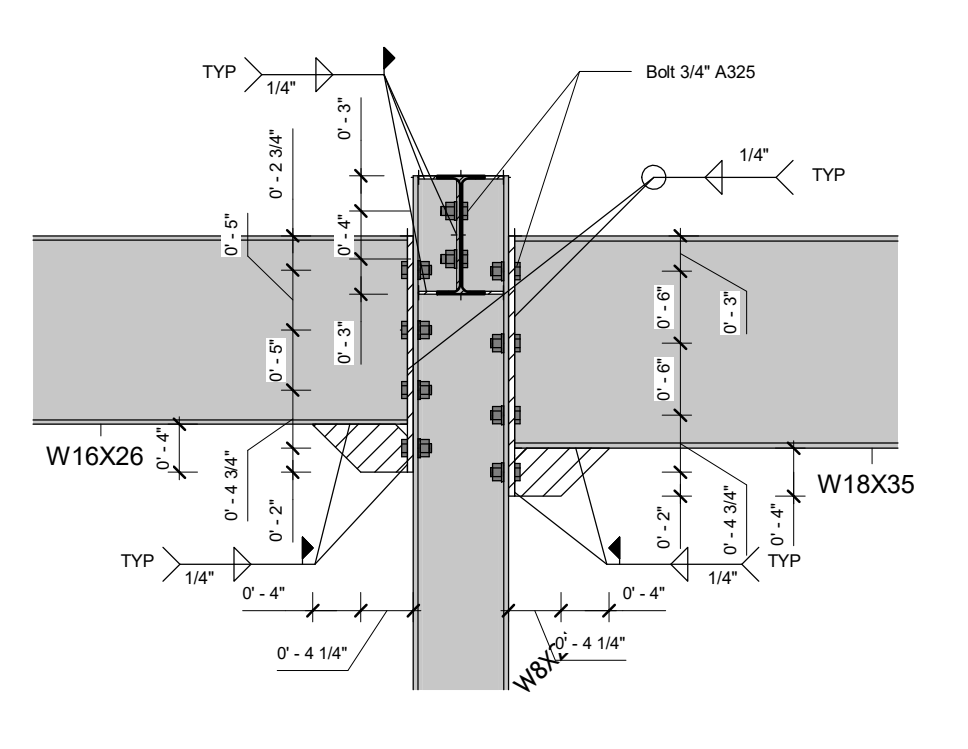
NOTE:  
1) ALL SECOND FLOOR ARE OPTIONAL  
2) DETAILS OF FOUNDATIONS SEE SHEET S101

3 Section 3  
1/8" = 1'-0"

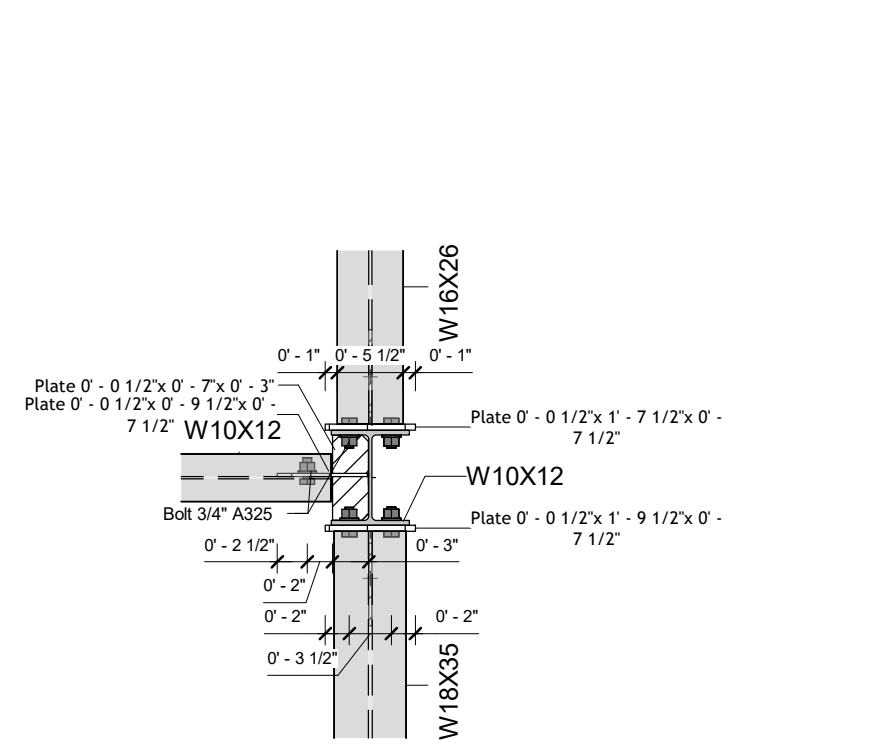


NOTE:  
1) ALL SECOND FLOOR ARE OPTIONAL  
2) DETAILS OF FOUNDATIONS SEE SHEET S101

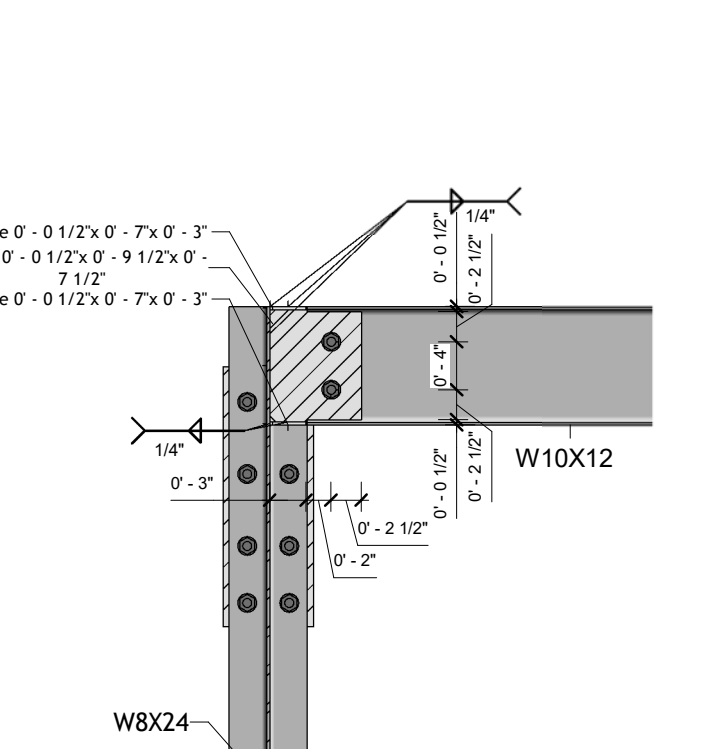
4 Section 4  
1/8" = 1'-0"



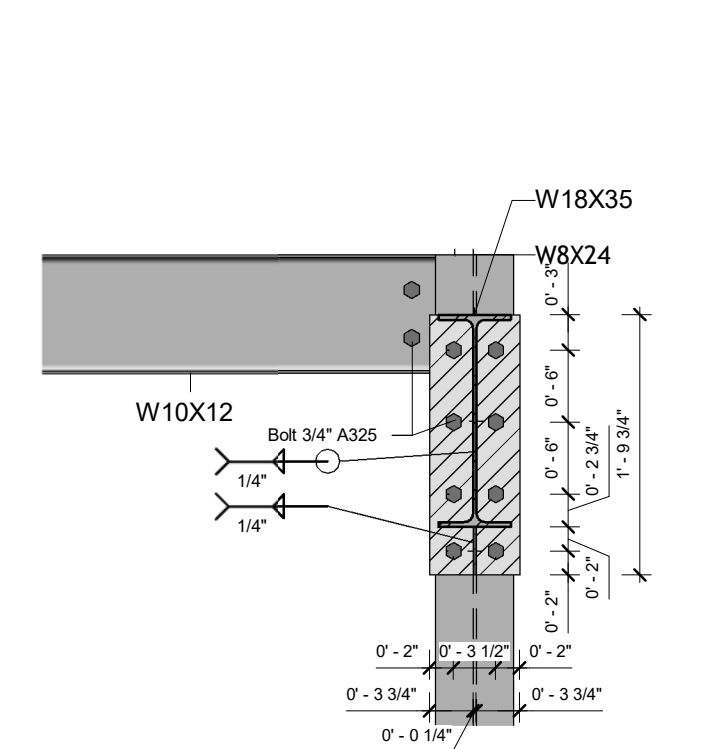
8 W-Beam to W-Column 1  
3/4" = 1'-0"



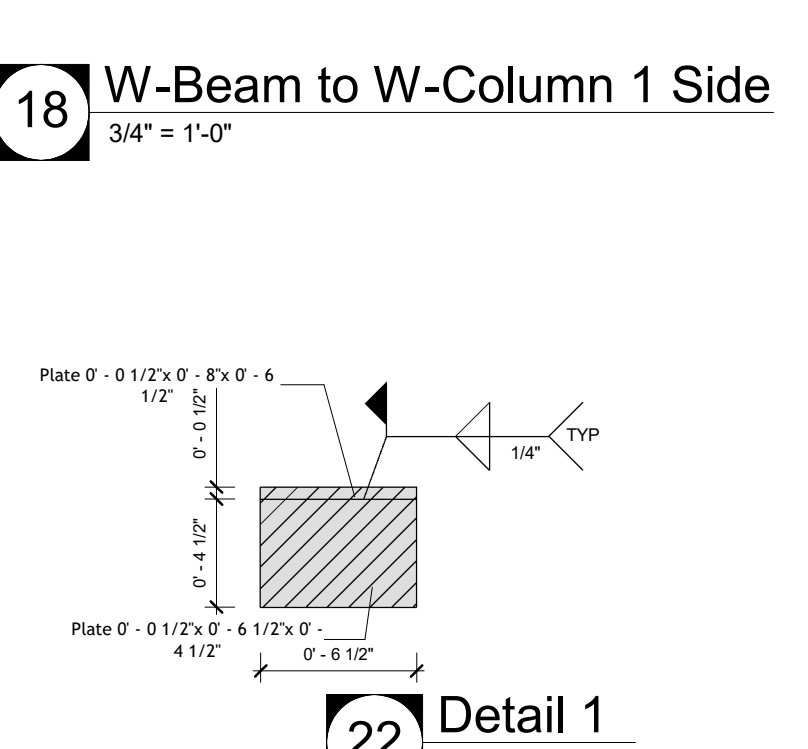
9 W-Beam to W-Column 1 Top  
3/4" = 1'-0"



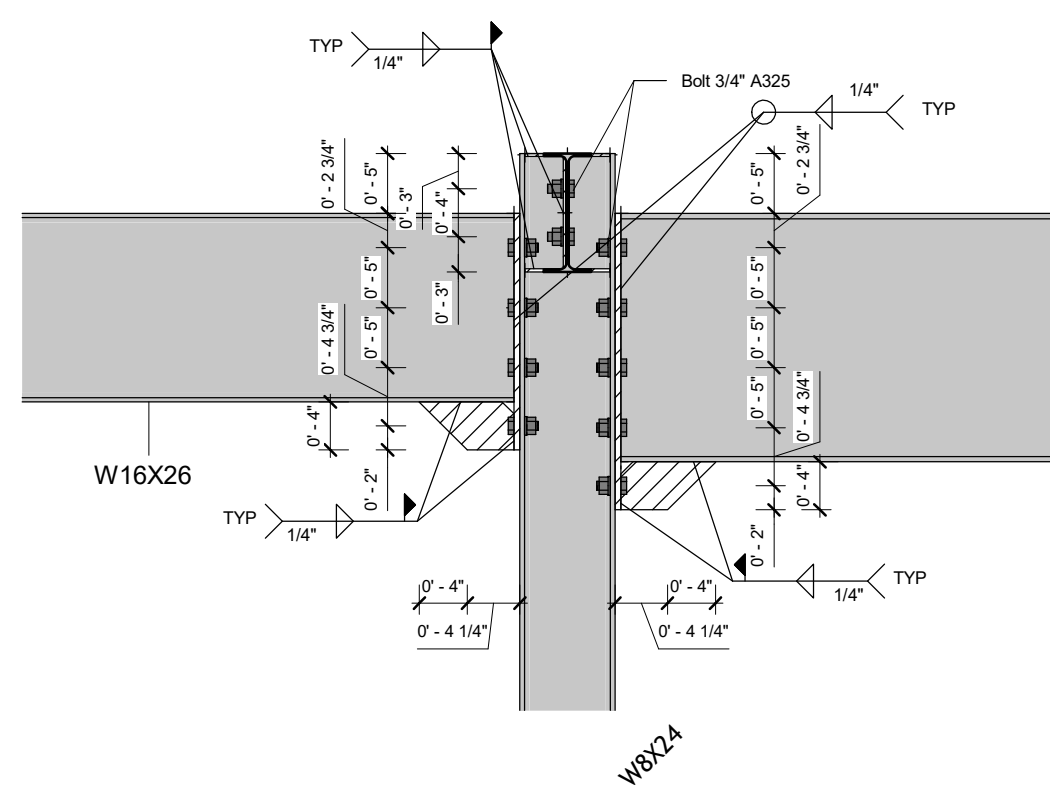
17 W-Beam to W-Column 1 Side  
3/4" = 1'-0"



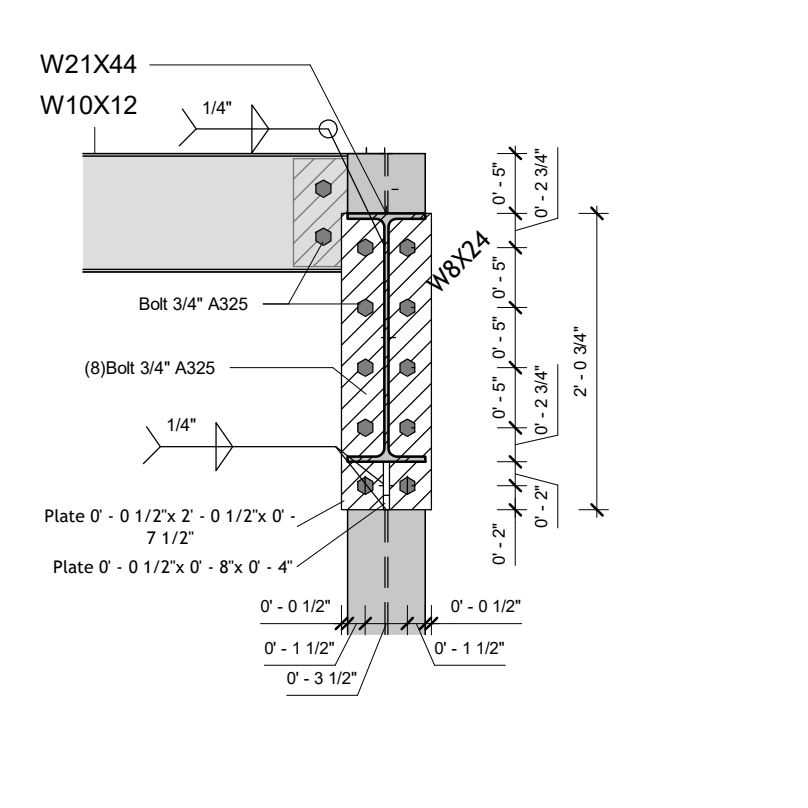
19 W-Beam to W-Column 1 Side2  
3/4" = 1'-0"



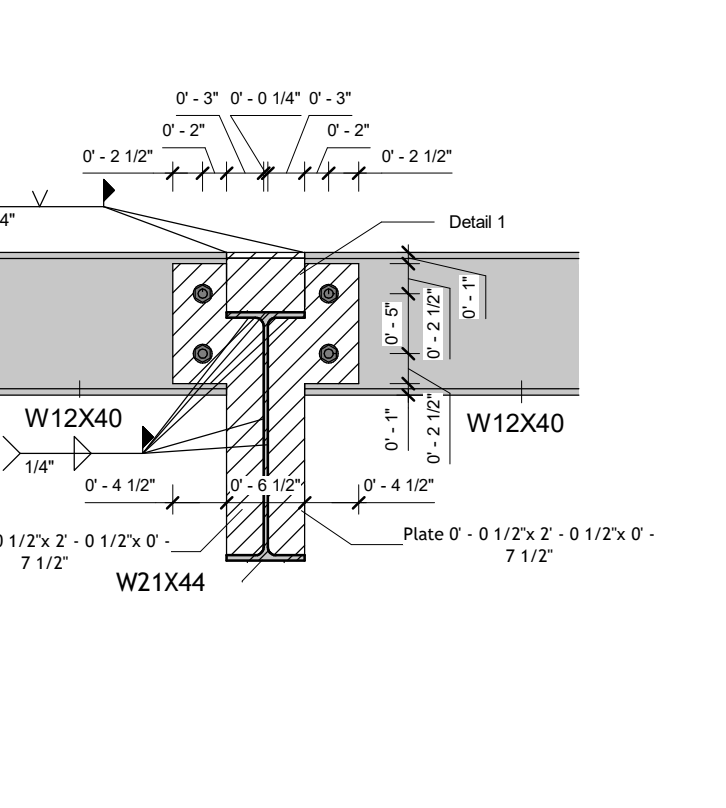
18 W-Beam to W-Column 1 Side  
3/4" = 1'-0"



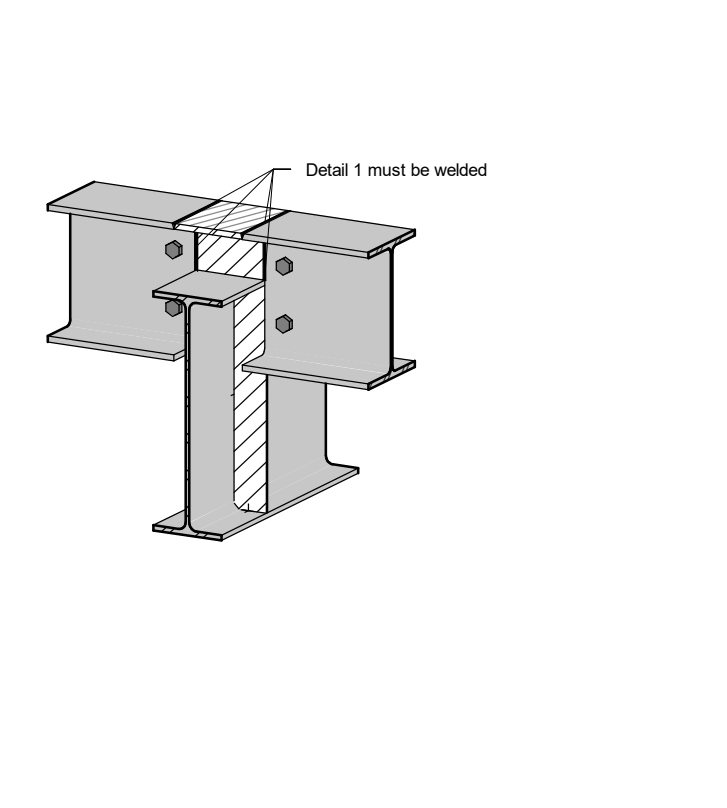
10 W-Beam to W-Column 2  
3/4" = 1'-0"



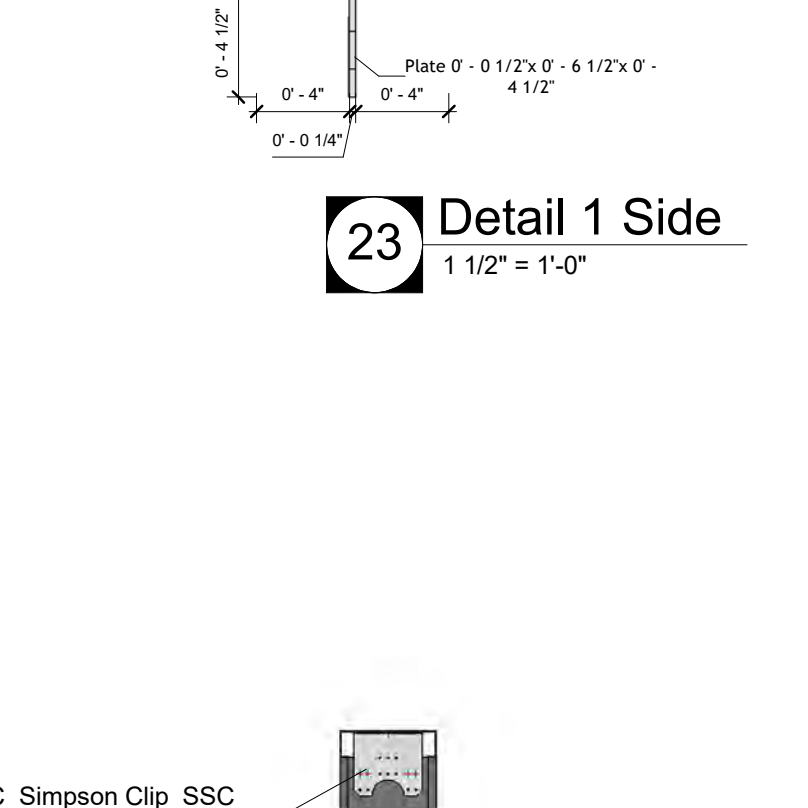
11 W-Beam to W-Column 2 Front  
3/4" = 1'-0"



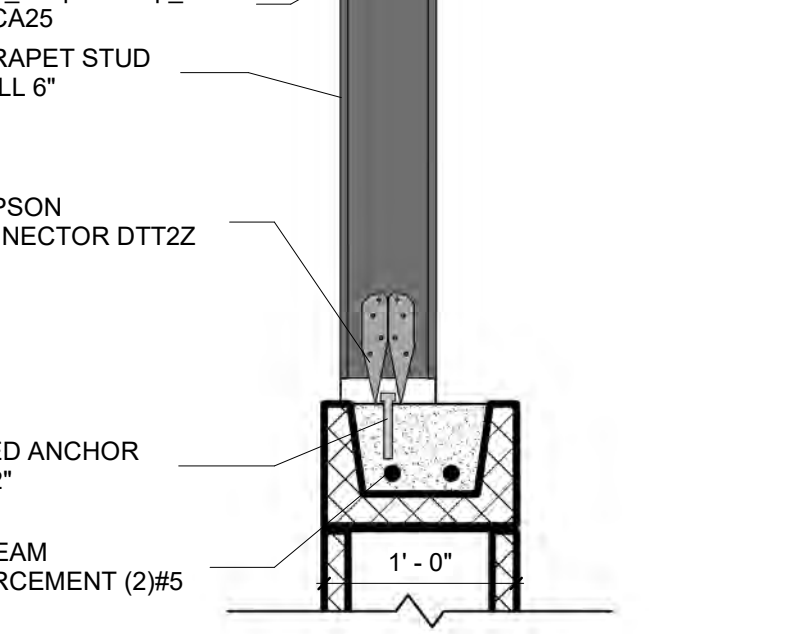
20 W-Beam to W-Beam 2  
3/4" = 1'-0"



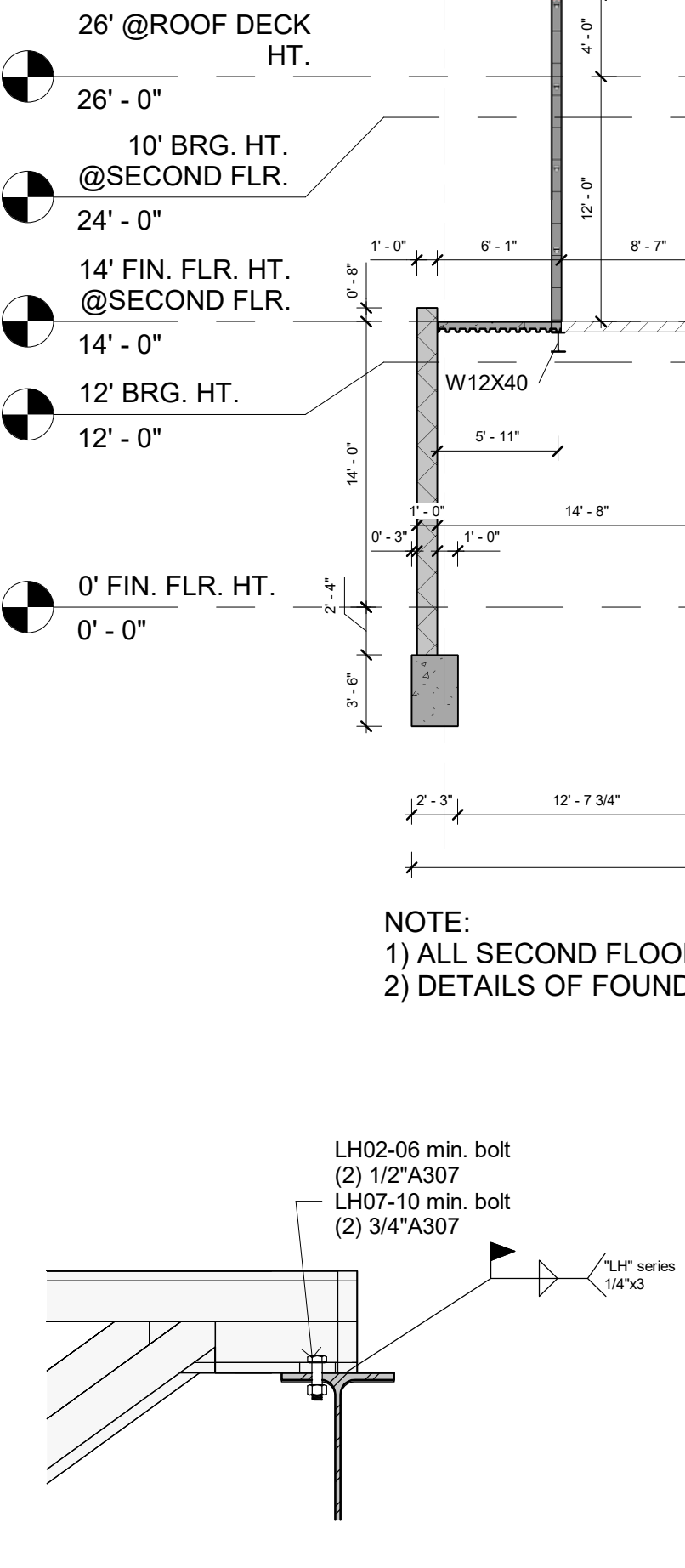
24 W-Beam to W-Beam 2 3D  
3/4" = 1'-0"



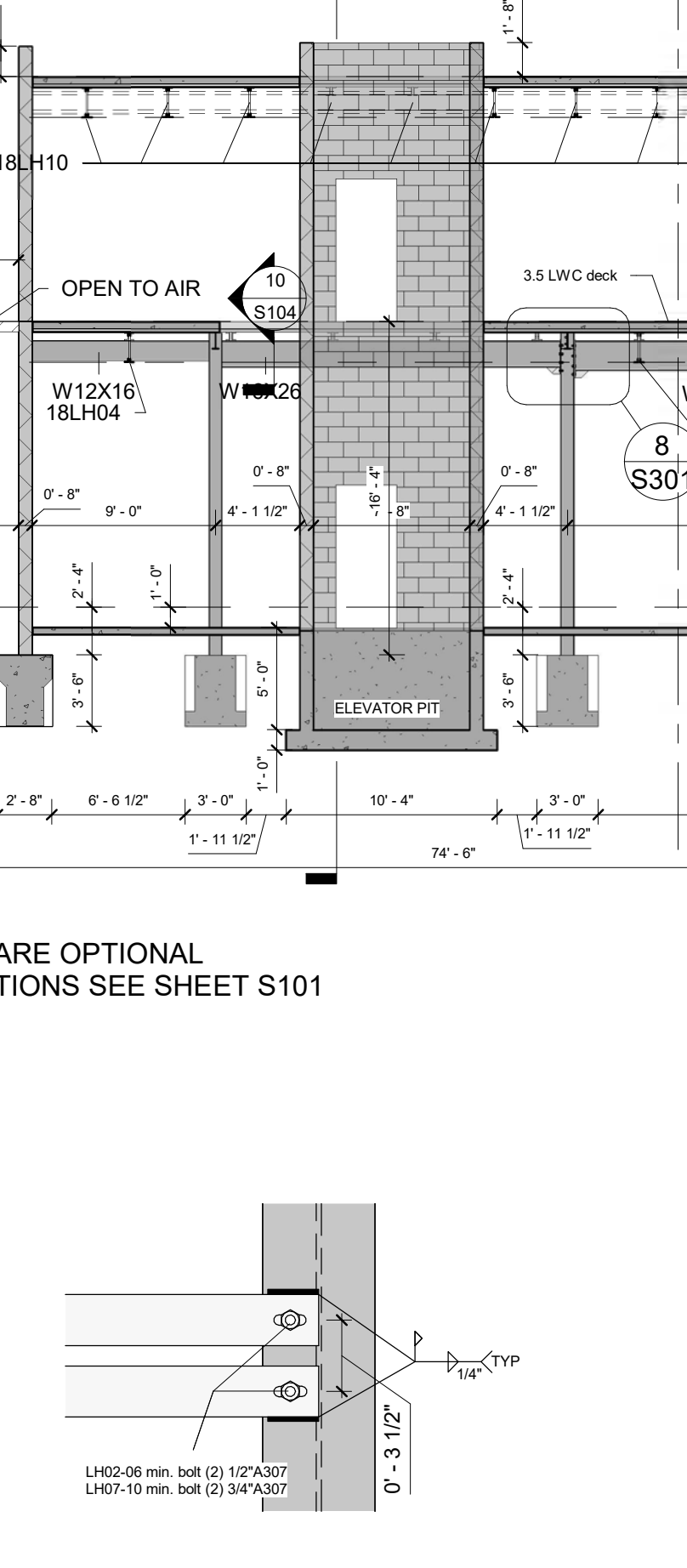
22 Detail 1  
1 1/2" = 1'-0"



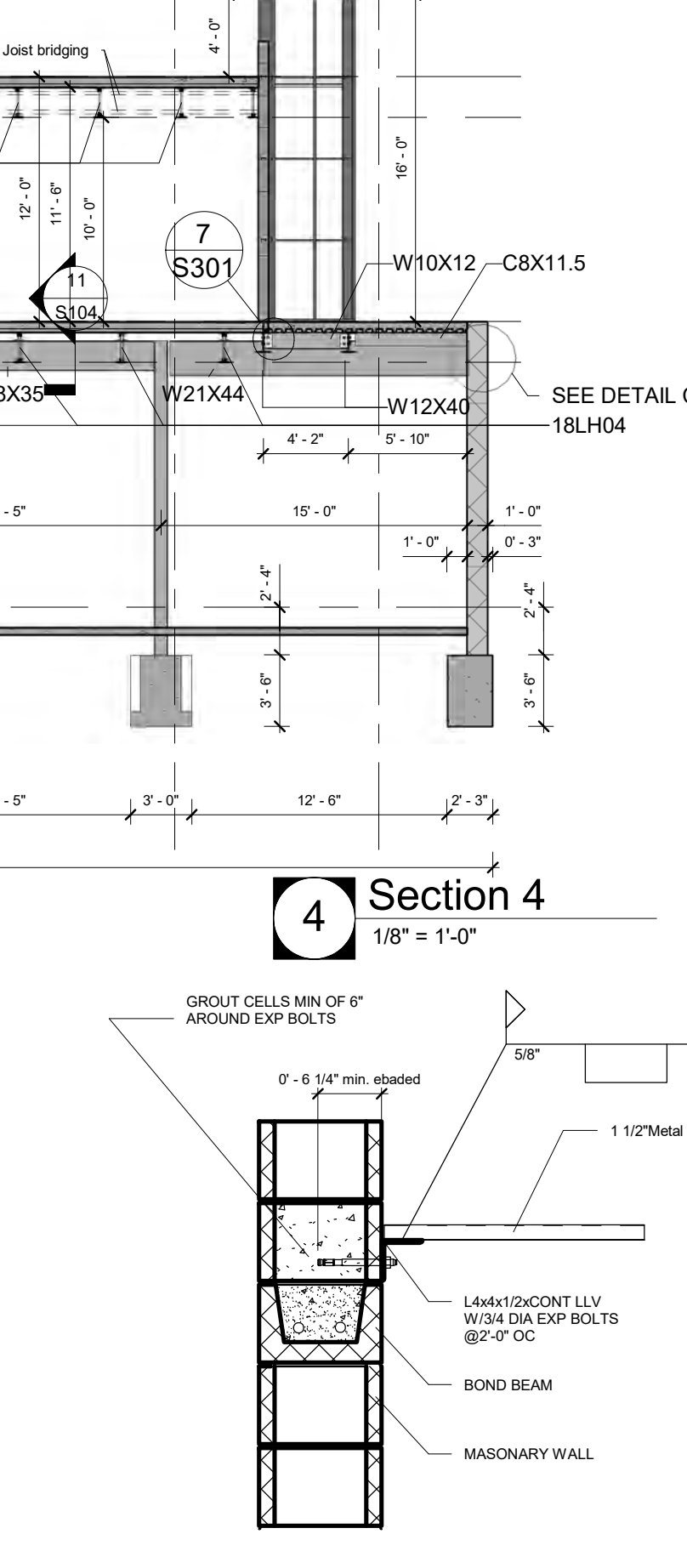
23 Detail 1 Side  
1 1/2" = 1'-0"



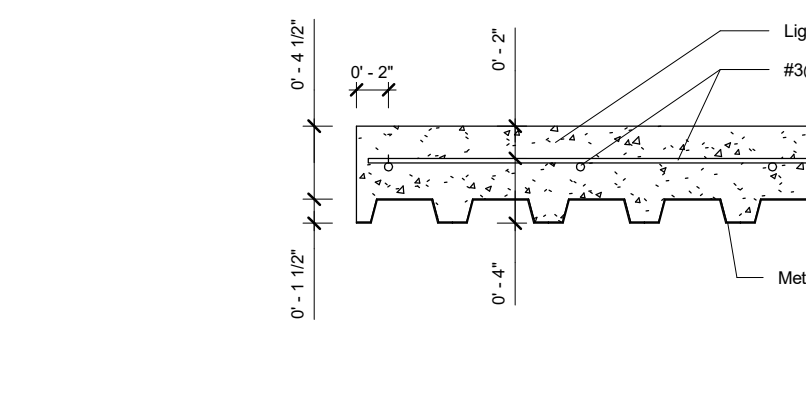
5 Steel joist to W-Beam Side  
1 1/2" = 1'-0"



6 Steel joist to W-Beam Top  
1 1/2" = 1'-0"



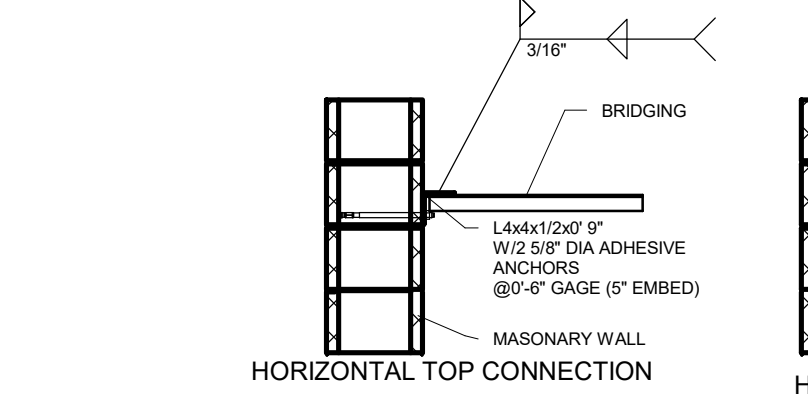
14 TYPICAL DECK BEARING AT CMU WALL  
3/4" = 1'-0"



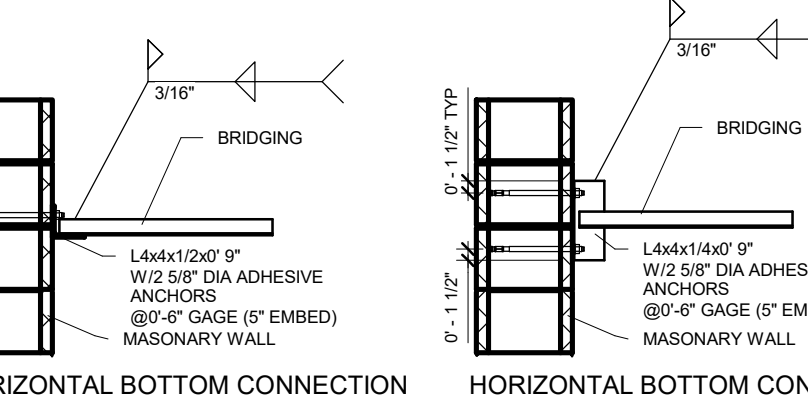
13 LIGHTWEIGHT CONCRETE SLAB ON 1 1/2" METAL DECK  
1" = 1'-0"



12 JOIST BRIDGING IN CMU  
1/2" = 1'-0"



7 W-Beam to W-Beam 1  
3/4" = 1'-0"



16 PARAPET STUD WALL  
1" = 1'-0"



15 PARAPET WALL DETAIL SECTION  
1" = 1'-0"

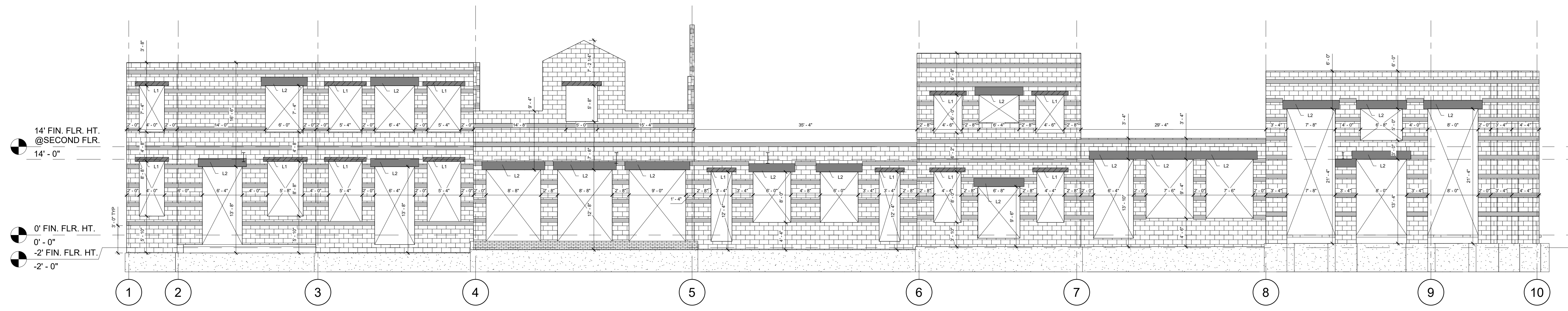
**LINTELS TYPES:**

L-1 CMU LINTEL 8" DEPTH, FLEXURE REINFORCEMENT (2)#6, SHEAR REINFORCEMENT STIRRUP #4@6" O.C.

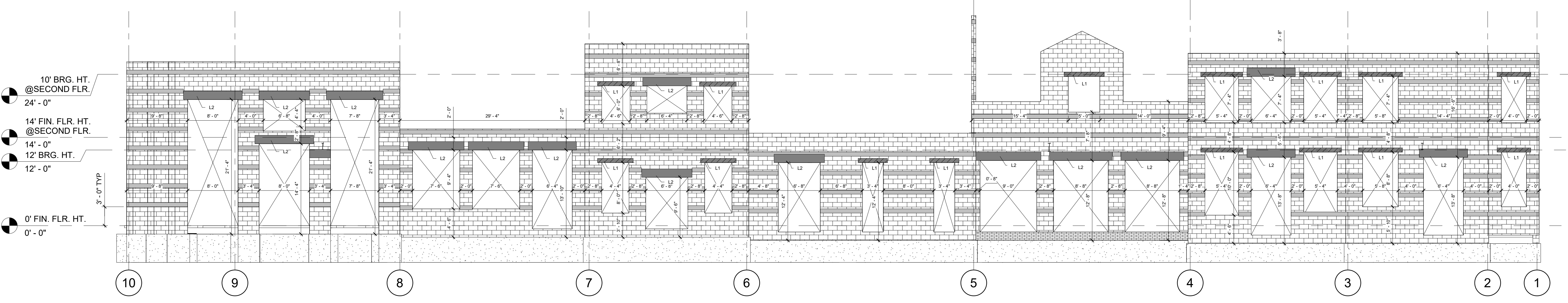
L-2 CMU LINTEL 16" DEPTH, FLEXURE REINFORCEMENT TWO LAYERS (4)#6, SHEAR REINFORCEMENT STIRRUP #4 @6" O.C.

L-3 CMU LINTEL 24" DEPTH, FLEXURE REINFORCEMENT TWO LAYERS (4)#6, SHEAR REINFORCEMENT STIRRUP #4 @5" O.C.

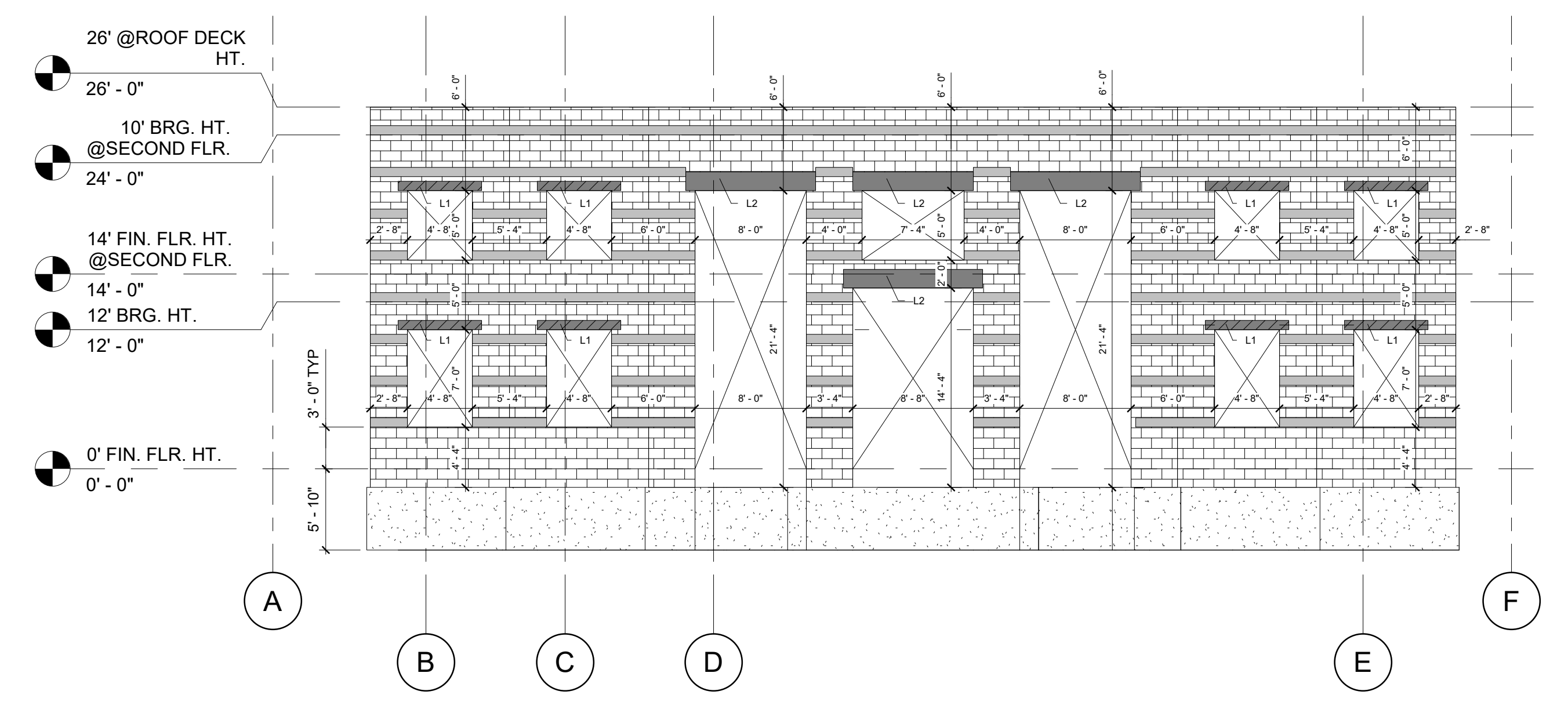
BB - BOND BEAM REINFORCEMENT 2X #6 REBAR



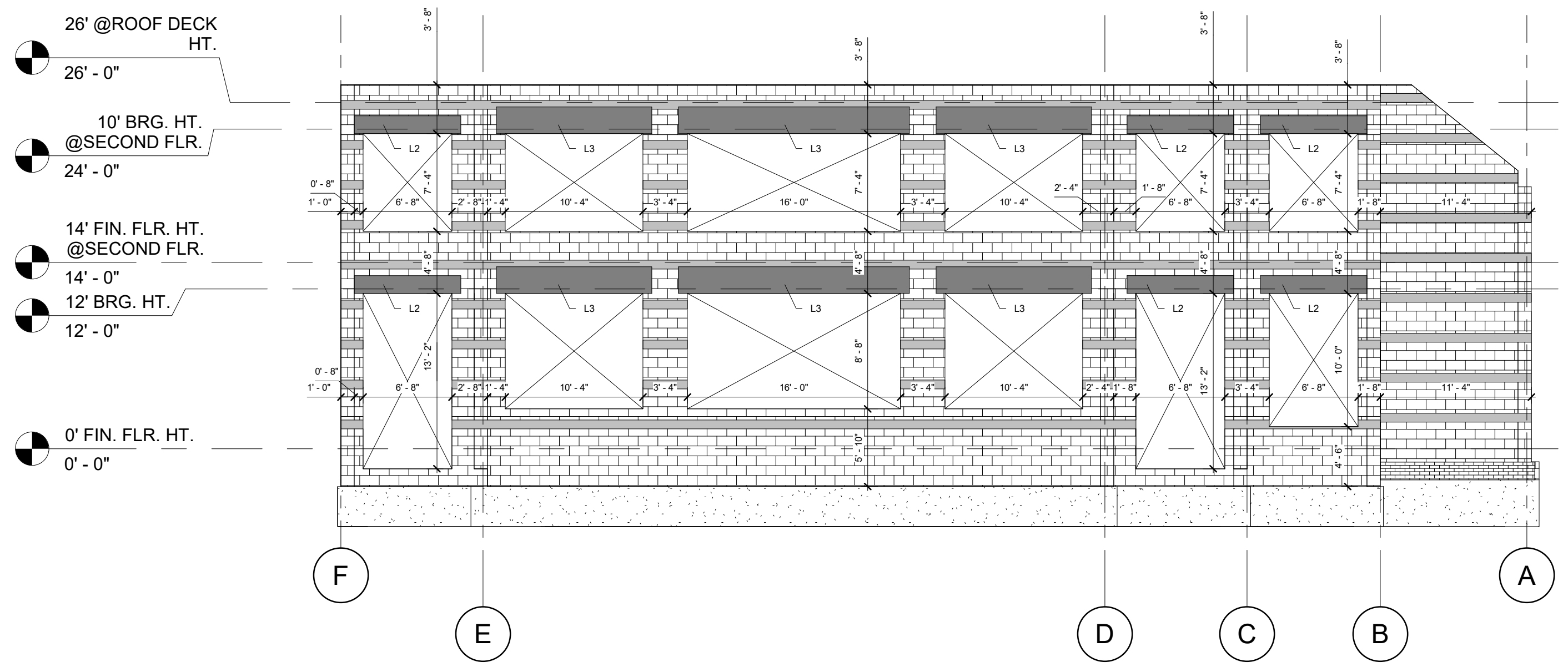
**1 SOUTH**  
1/8" = 1'-0"



**2 NORTH**  
1/8" = 1'-0"



**3 EAST**  
1/8" = 1'-0"



**4 WEST**  
1/8" = 1'-0"

(Green Dream International LLC)  
 11111  
 Suite 310, Houston, TX 77066  
 residential-commercial-architecture



world equestrian center, Ocala Florida

Dustin Owen



ISSUE DATE	REVISIONS
08.16.2024	
08.16.24	ADDENDUM #1

PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: GDI  
 DESIGNED BY: MJS

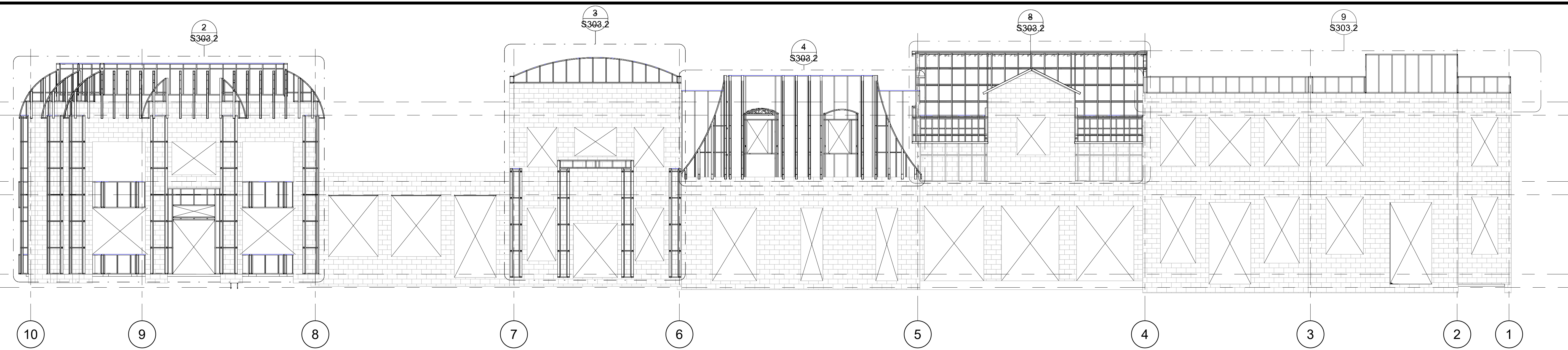
ELEVATIONS  
**S302**

8/30/2024 7:32:33 PM

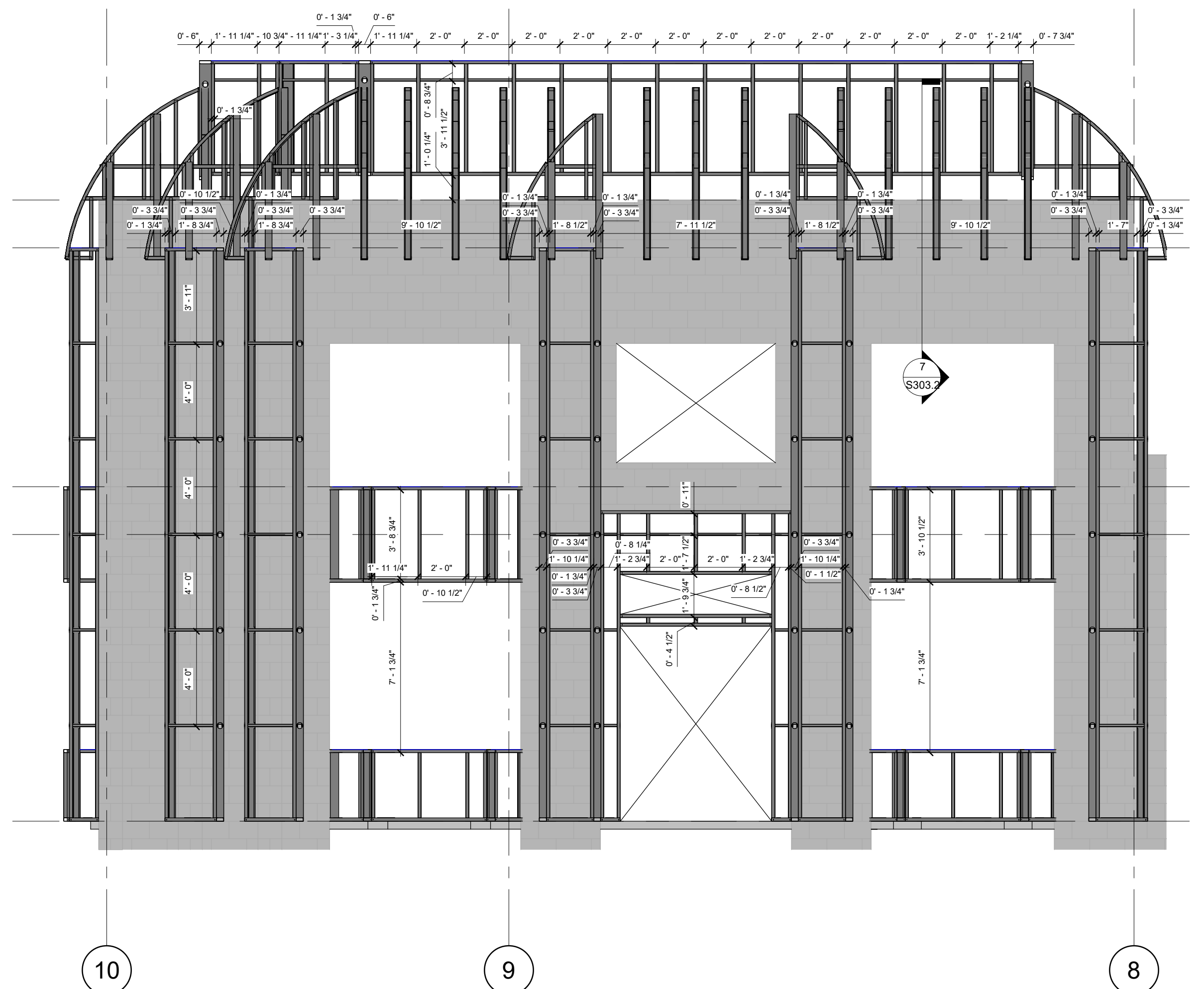
CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR DIMENSIONS AND CONDITIONS OF THE JOB AND ILS, INC. MUST BE NOTIFIED IN WRITING OF ANY CHANGES IN THE DIMENSIONS, CONDITIONS AND SPECIFICATIONS APPEARING ON THESE PLANS.

**GENERAL NOTE:**  
 FOR THE SOUTHERN FACADE,  
 THE DIMENSIONS FOR LSF ARE  
 SYMMETRICAL TO THE  
 NORTHERN FACADE.

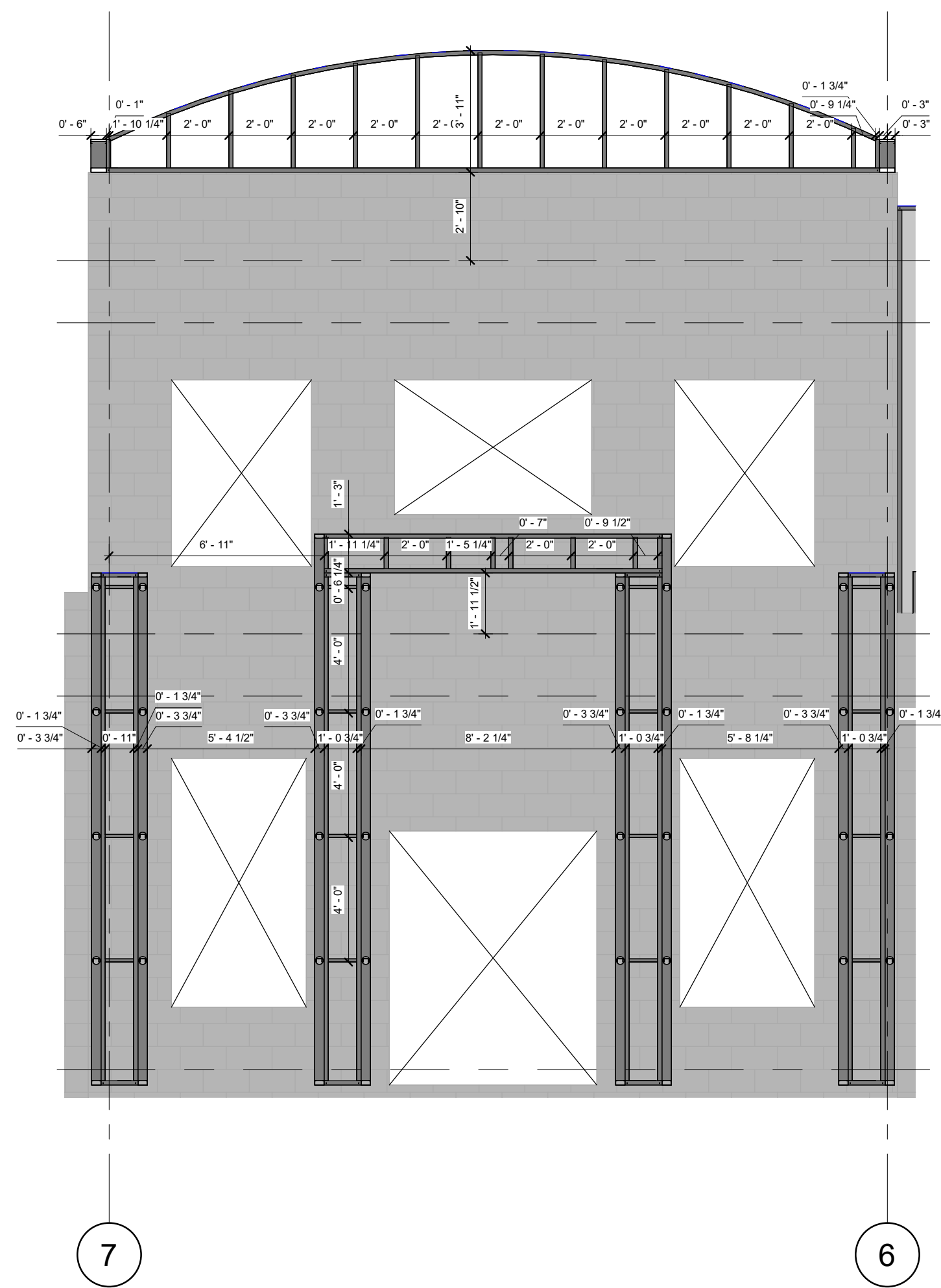
- 26' @ ROOF DECK HT.
- 26' - 0" @ BRG. HT. @ SECOND FLR.
- 24' - 0" @ FIN. FLR. HT. @ SECOND FLR.
- 14' - 0" @ BRG. HT.
- 12' - 0" @ FIN. FLR. HT.
- 0' - 0" @ FIN. FLR. HT.
- 2' - 0" @ FIN. FLR. HT.



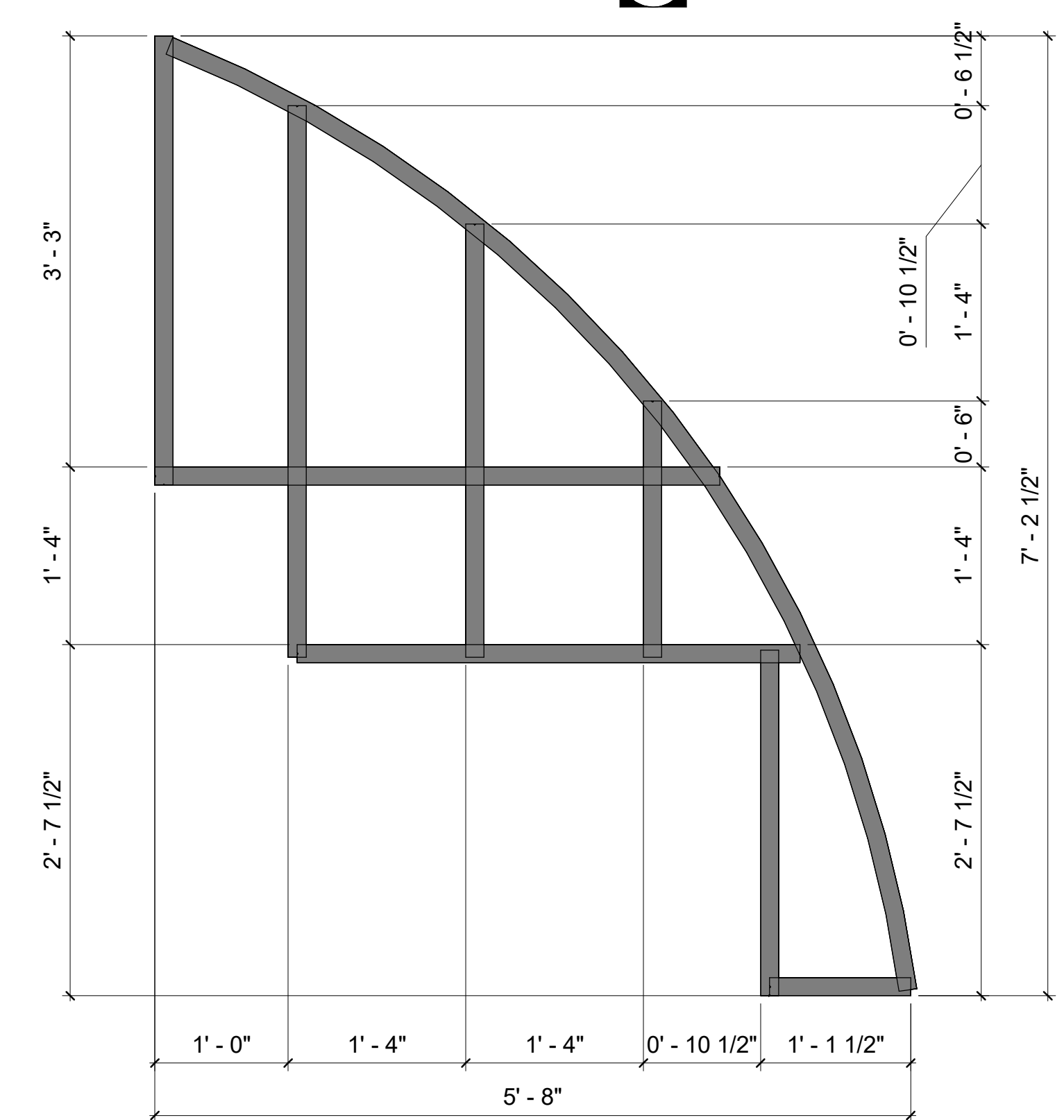
**1 NORTH LSF**  
 1/8" = 1'-0"



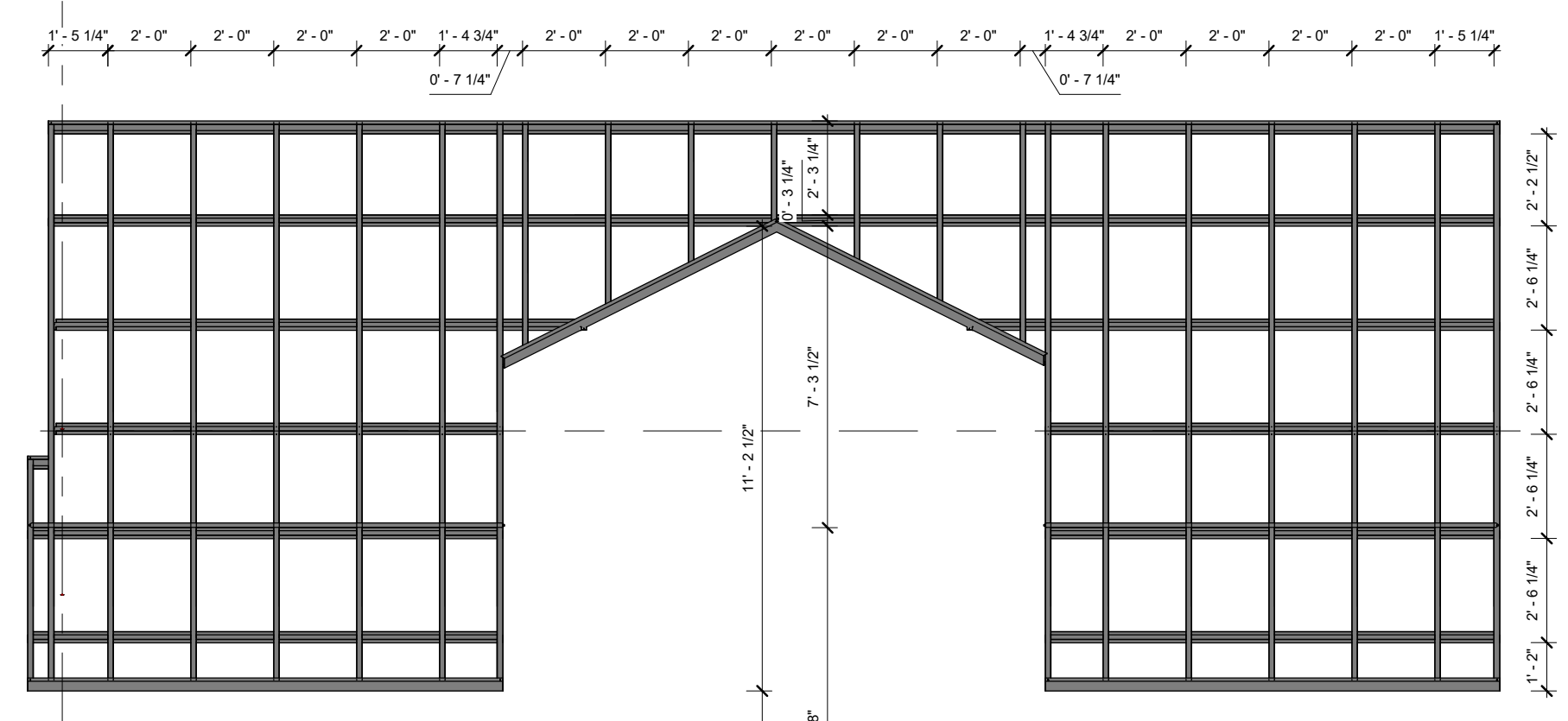
**2 NORTH LSF - Callout 1**  
 1/4" = 1'-0"



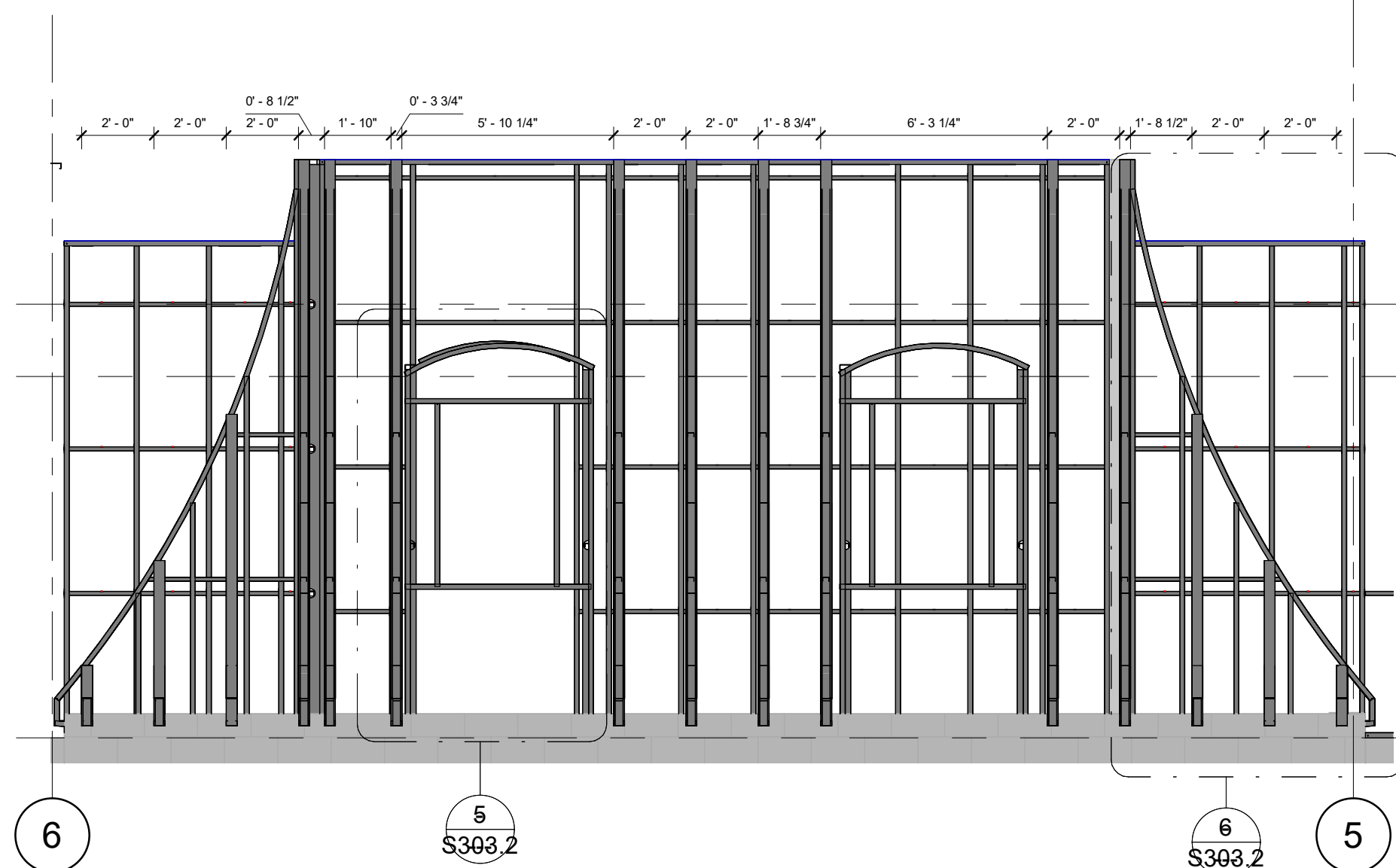
**3 NORTH LSF - Callout 2**  
 1/4" = 1'-0"



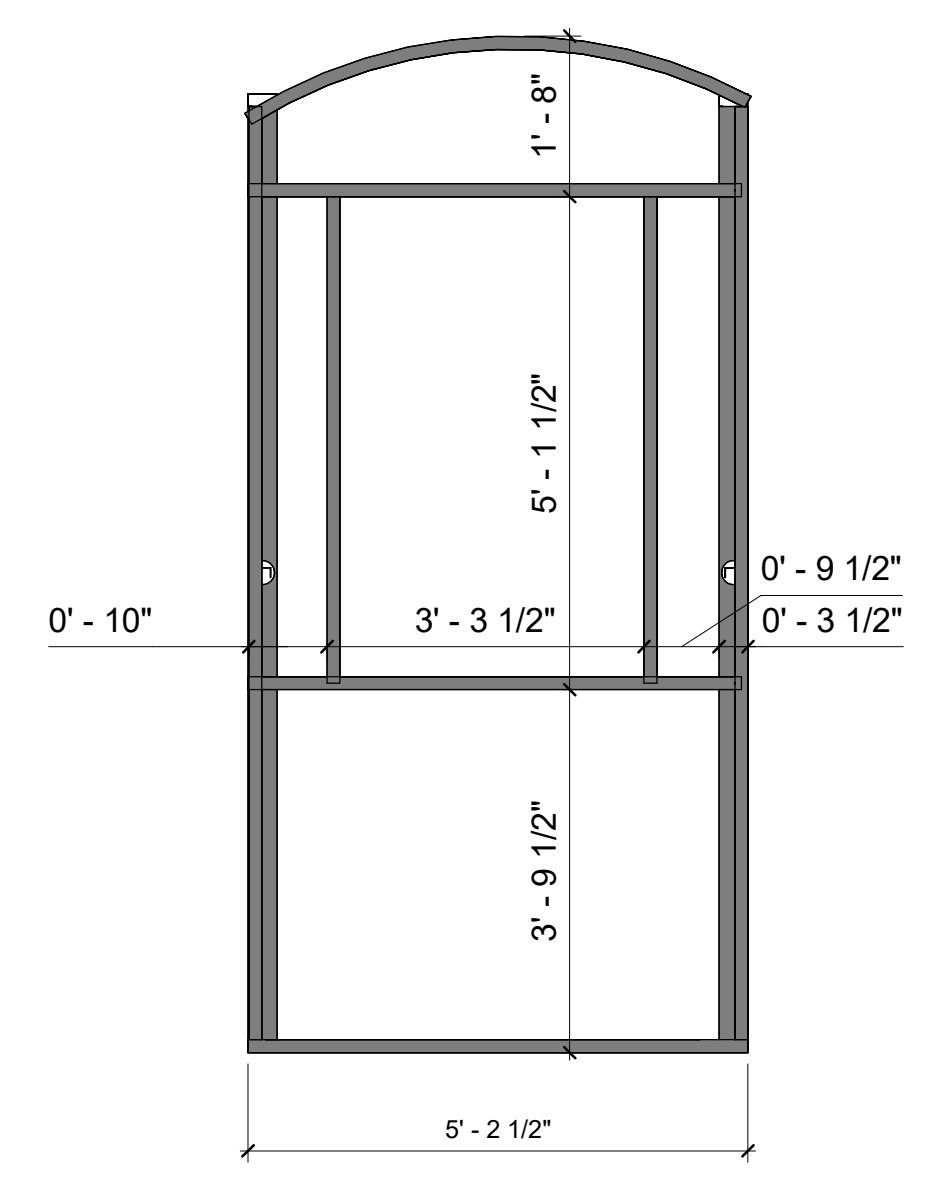
**7 Section 8**  
 1" = 1'-0"



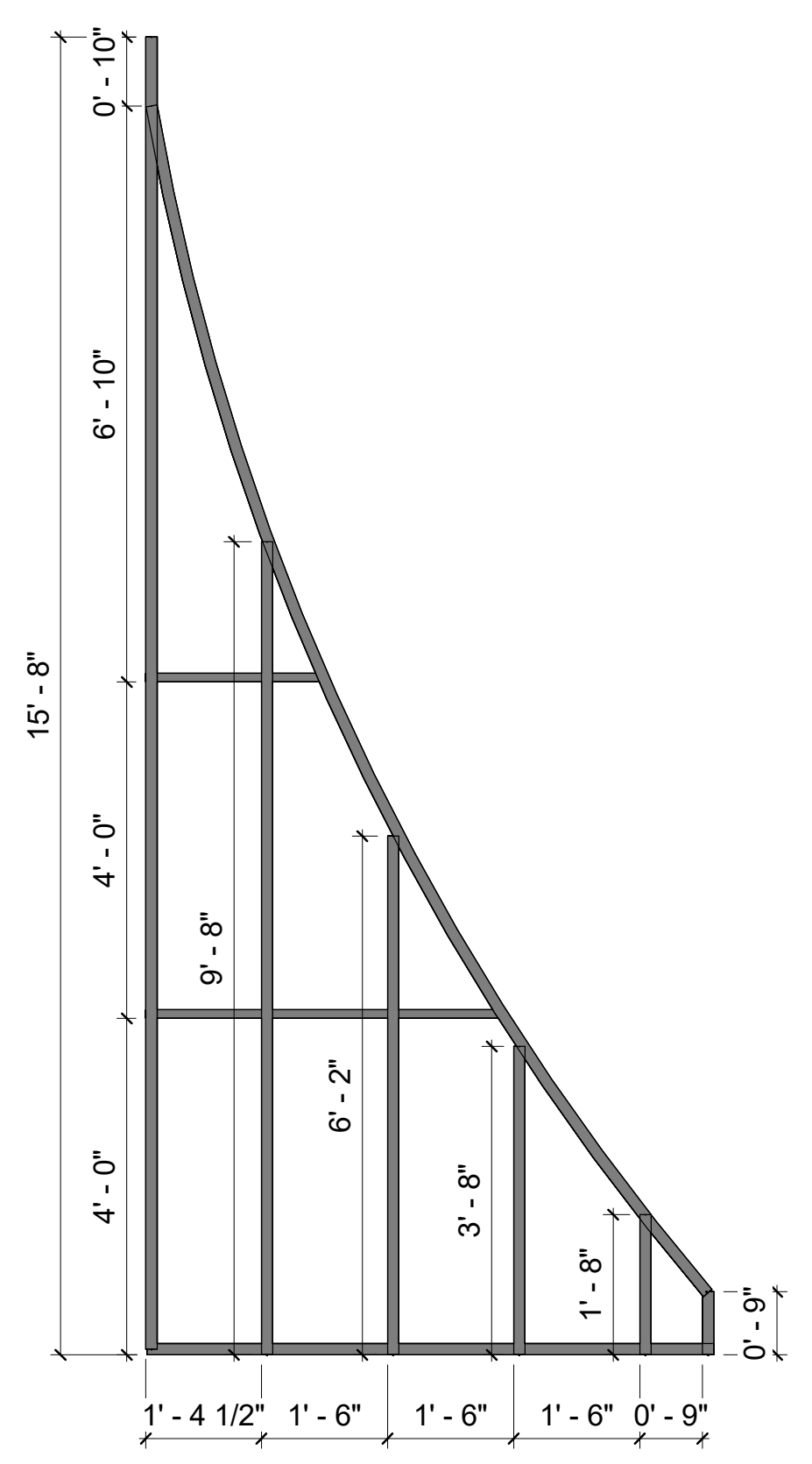
**8 NORTH LSF - Callout 4 ROOF**  
 1/4" = 1'-0"



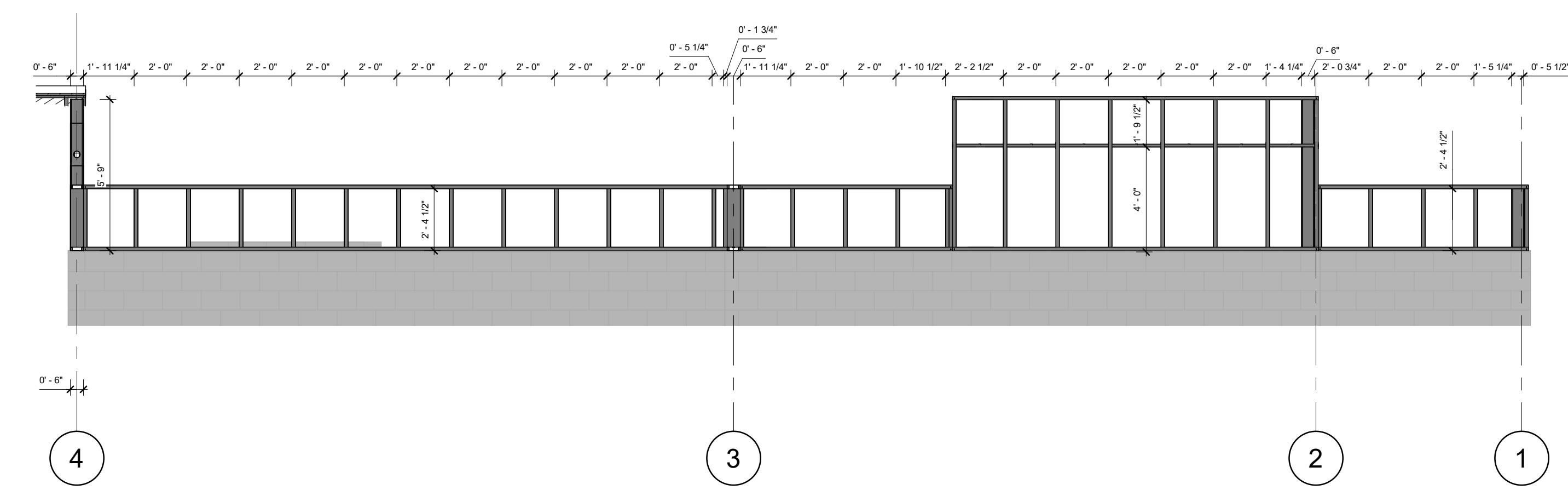
**4 NORTH LSF - Callout 3**  
 1/4" = 1'-0"



**5 DORMER**  
 1/2" = 1'-0"



**6 ROOF DETAIL**  
 1/2" = 1'-0"



**9 NORTH LSF - Callout 5**  
 1/4" = 1'-0"

(Green Dream International LLC)  
 3101 E. Greenway  
 Suite 310, Houston, TX 77058

CONTRACTOR NOTE: THESE PLANS DESIGN AND SPECIFICATIONS ARE THE PROPERTY OF GREEN DREAM INTERNATIONAL ARCHITECTURE AND SHALL REMAIN THEIR PROPERTY. ANY REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED.



World Equestrian Center, Ocala Florida

Dustin Owen



ISSUE DATE	REVISIONS
08/16/2024	
08/16/24	ADDENDUM #1

PROJECT: 23-0162-C  
 SCALE: AS NOTED  
 DRAWN BY: GDI  
 DESIGNED BY: MJS

ELEVATION LSF  
**S303.2**

8/30/2024 7:32:40 PM

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR DIMENSIONS AND CONDITIONS OF THE JOB AND I.A.S. INC. MUST BE NOTIFIED IN WRITING OF ANY CHANGES IN THE DIMENSIONS, CONDITIONS AND SPECIFICATIONS APPEARING ON THESE PLANS.