













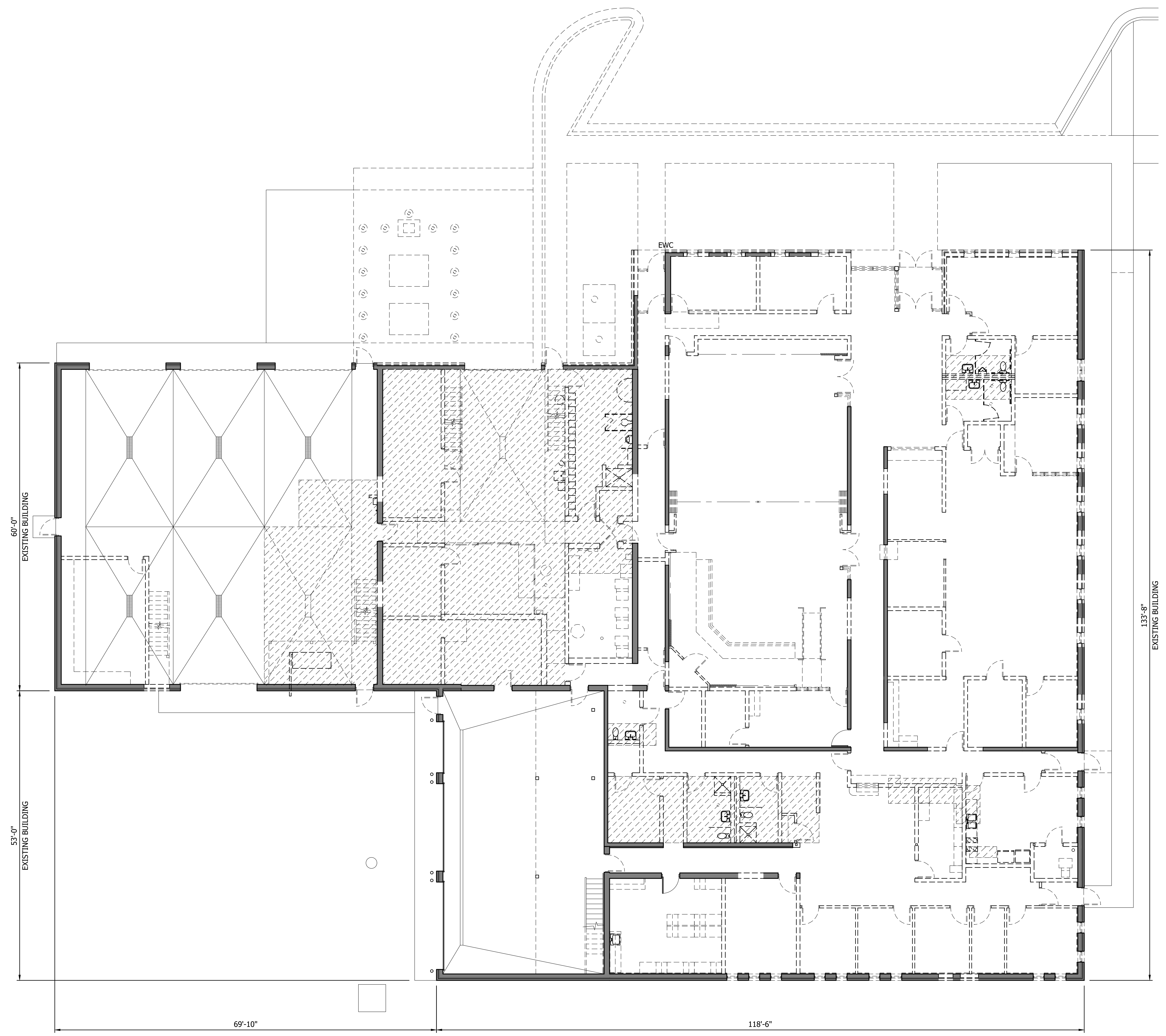
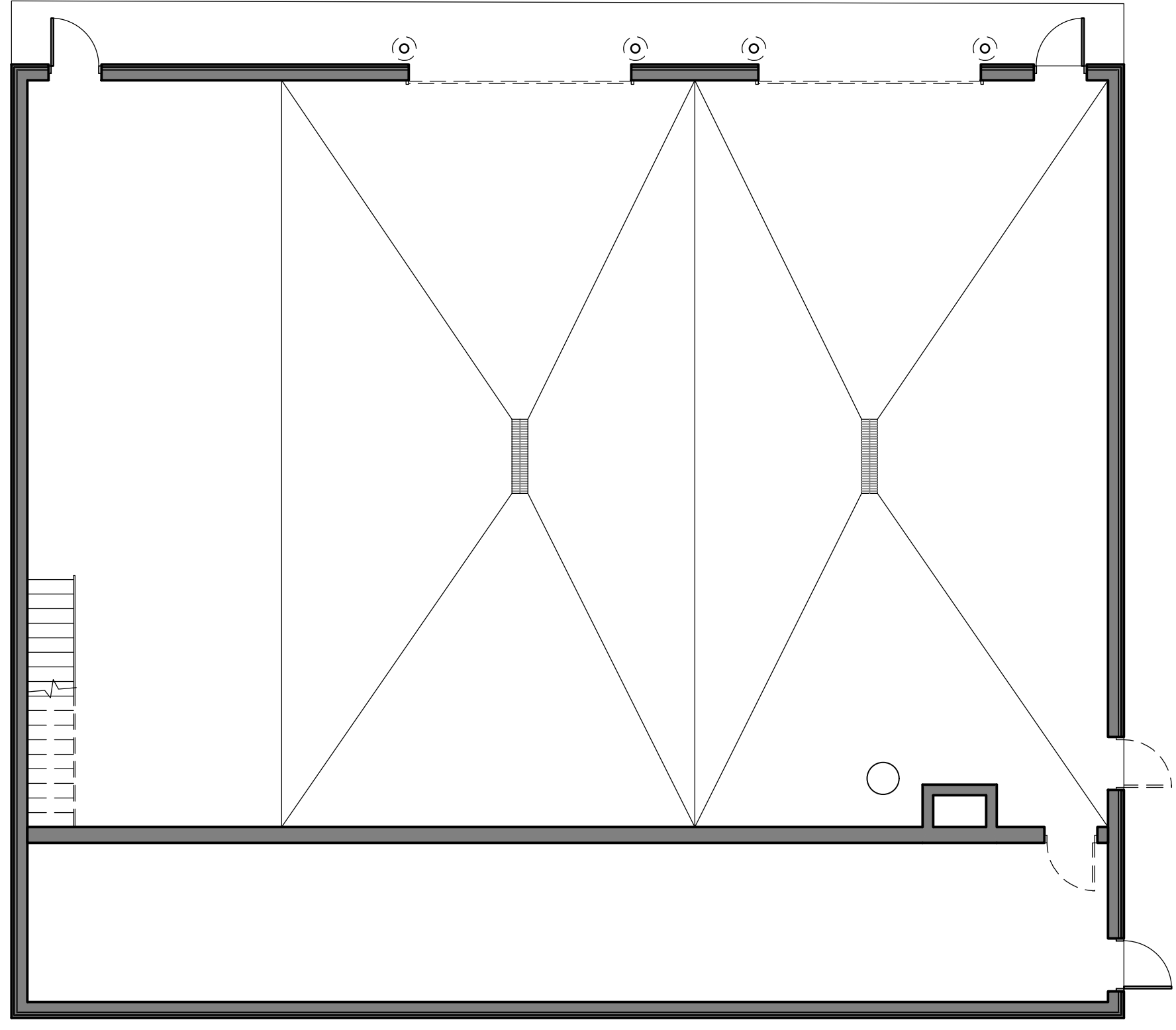




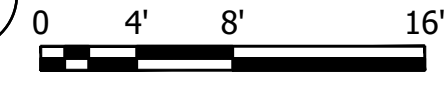


THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.  
 THE CONTRACTOR SHALL VERIFY THE DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Plot Date: 09/07/2023 9:38:00am  
 XREF: 193806049.DWG  
 Project: 193806049\_CADD.dwg  
 User: JESSICA.PAULSON



1 DEMOLITION FLOOR PLAN



WE HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ARCHITECT OR REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.  
 AND THAT I AM A DULY LICENSED ARCHITECT OR REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.  
 PRINT NAME: JESSICA PAULSON  
 SIGNATURE: \_\_\_\_\_ LIC. NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_ 2023.

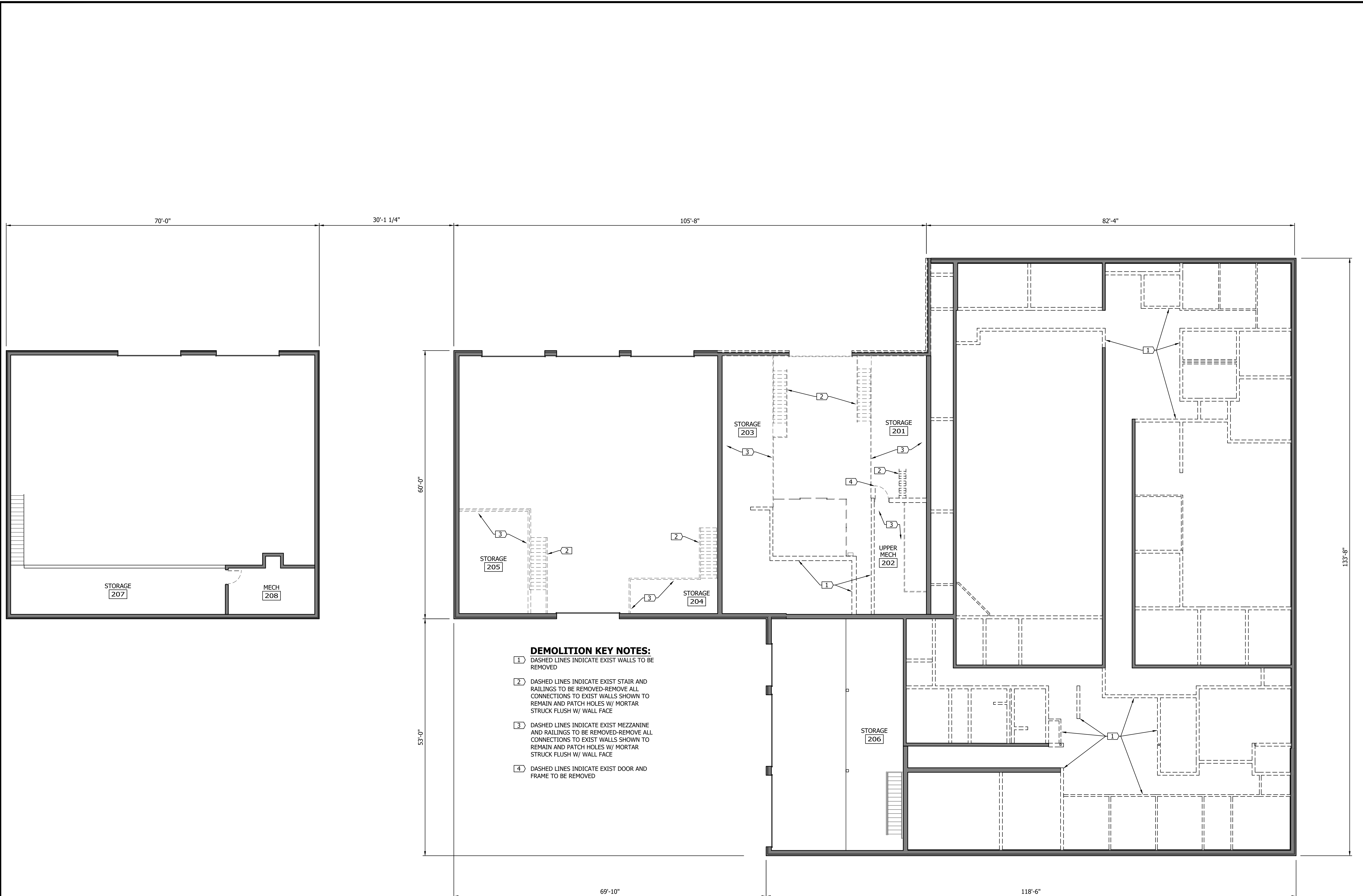
CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 DEMOLITION FLOOR PLAN

NO.	REVISION	DATE

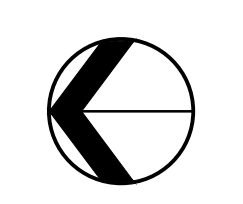
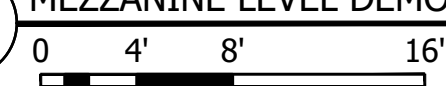
  

SURVEY	
DRAWN	BFP
DESIGNED	BFP
CHECKED	
APPROVED	
PROJ. NO.	193806049
SHEET NUMBER	J101

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



1 MEZZANINE LEVEL DEMOLITION PLAN



Plot Date: 09/07/2023 9:59:59am  
 Project: 19386049 - 19386049\_1102.dwg  
 User: 19386049-1102  
 Scale: 1/16"=1'-0"

WE HEREBY CERTIFY THAT I AM AN ARCHITECT OR ENGINEER AS LICENSED UNDER THE PROFESSIONAL REGULATION ACT OF THE PROVINCE OF MANITOBA  
 PRINT NAME: BRUCE L. PABLOS  
 SIGNATURE: \_\_\_\_\_  
 DATE: SEPTEMBER 11, 2023 LIC. NO.: 20210

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MEZZANINE LEVEL DEMOLITION PLAN

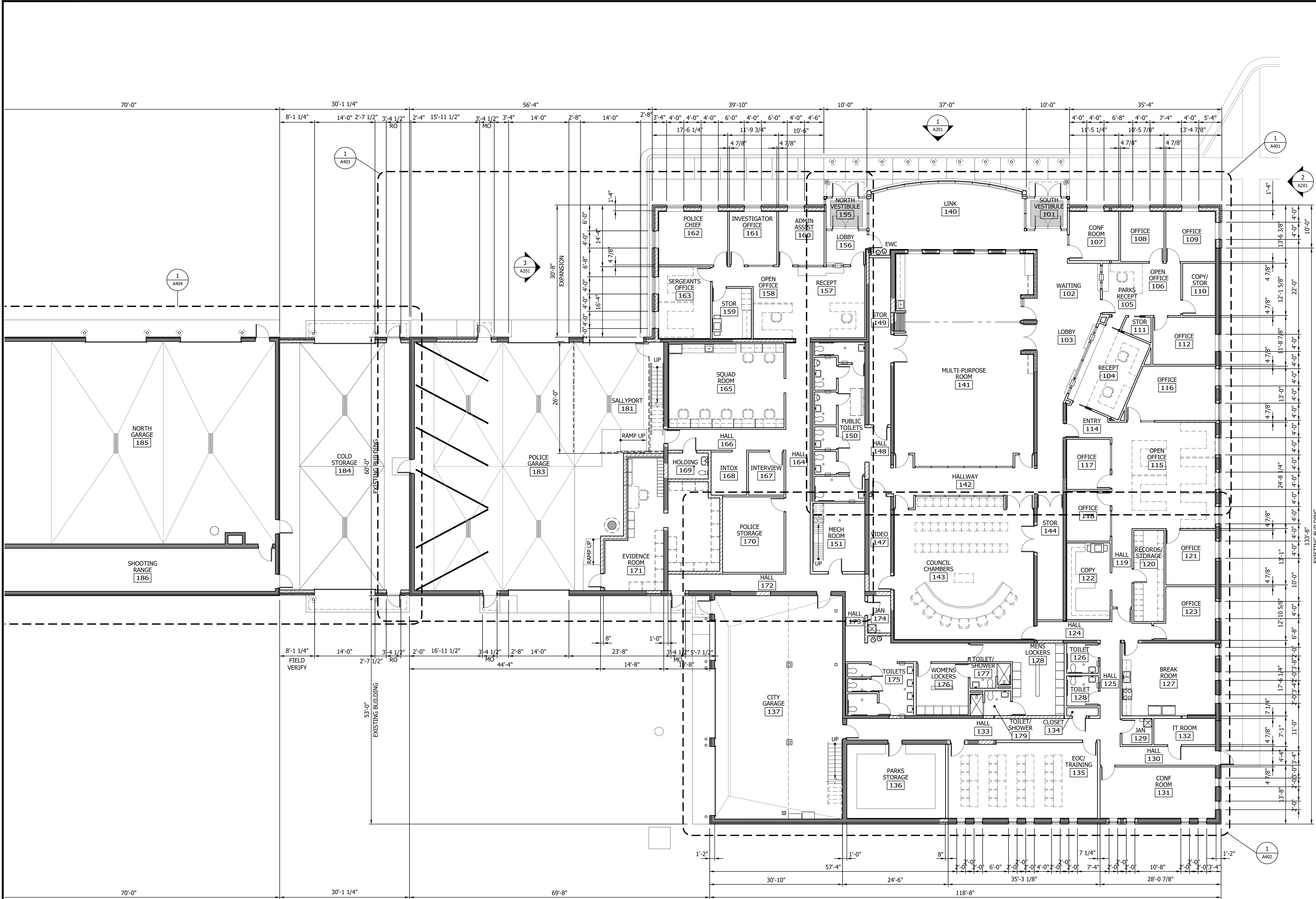
NO.	REVISION	DATE

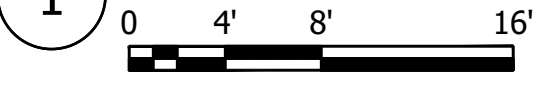
SURVEY	BPP
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	19386049
SHEET NUMBER	J102

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

NO.	REVISION	DATE

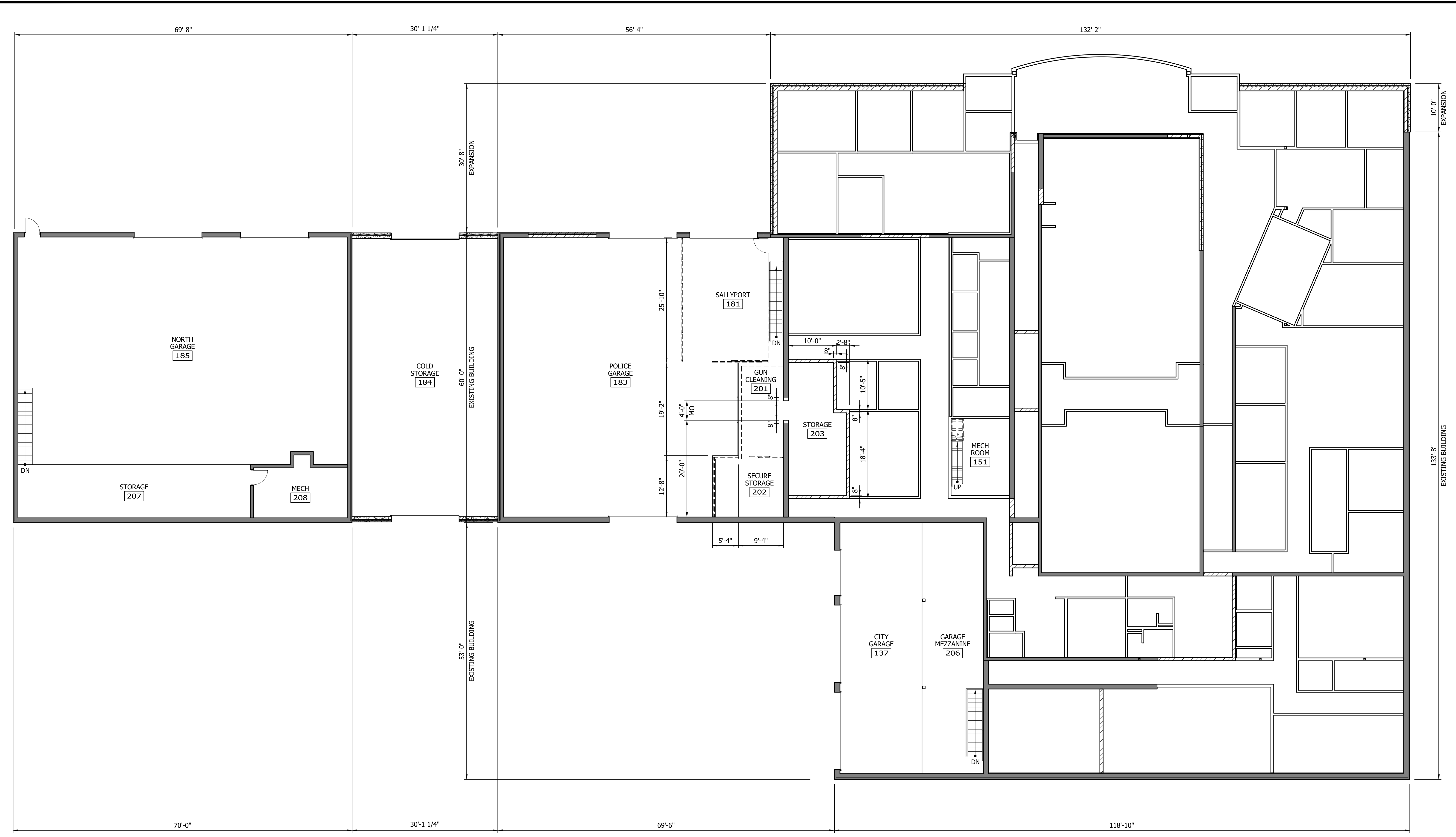


**1** RENOVATED MAIN LEVEL FLOOR PLAN

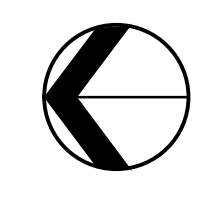
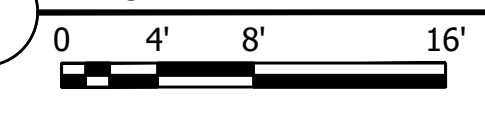


Per Date: 09/07/2023 8:55AM  
PROJECT: C:\3D\DWG\193806049\_A101.dwg  
XREF: 193805560\_X10A, 193805604\_B08

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

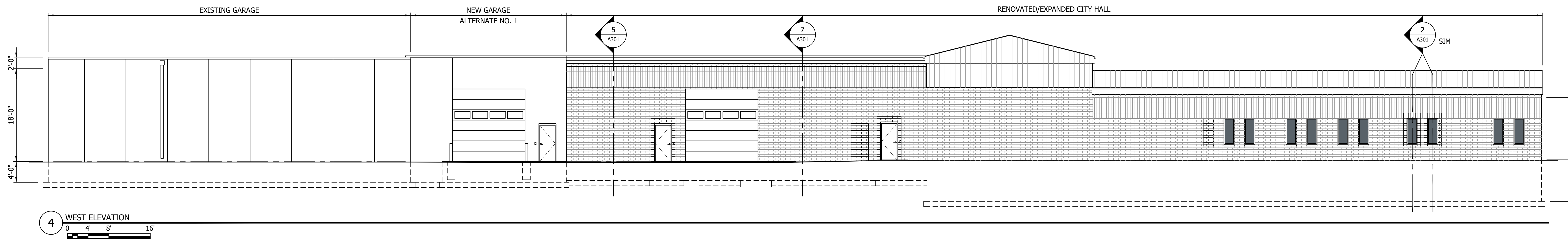
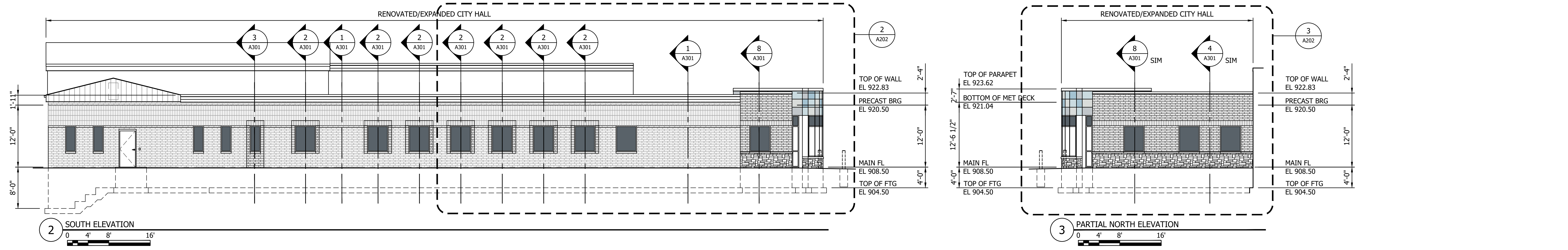
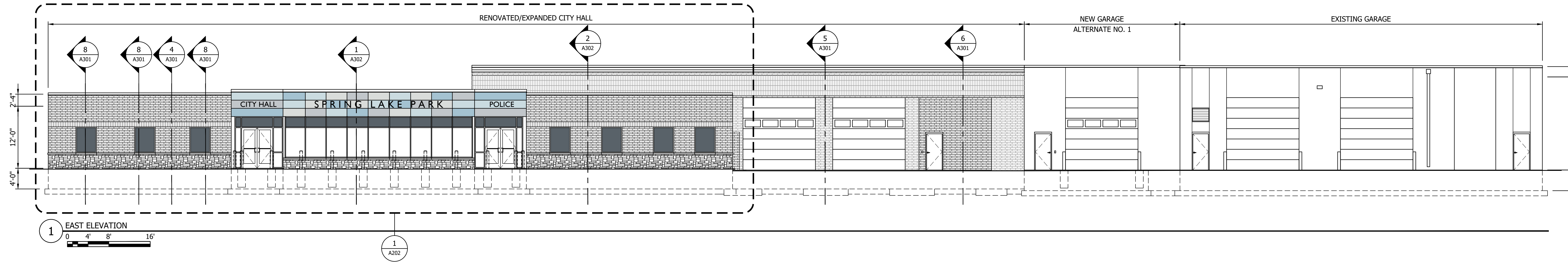


1 RENOVATED MEZZANINE FLOOR PLAN



ROOM NO		ROOM NAME		ROOM FINISH SCHEDULE - MEZZANINE											NOTES		
				FLOOR		BASE MATL	WALLS									CEILING	
				MATL	FIN		NORTH MATL	NORTH FIN	SOUTH MATL	SOUTH FIN	EAST MATL	EAST FIN	WEST MATL	WEST FIN		MATL	FIN
137	CITY GARAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-
151	MECH ROOM	CONC/EXIST CONC	SL-1	RB	GYP BD	GB-1	EXIST CMU	M-1	GYP BD	GB-1	GYP BD	GB-1	EXIST MET	EXIST	EXIST	EXIST	-
181	SALLYPORT	EXIST CONC	EXIST	EXIST CMU	-	-	EXIST CMU	M-1	EXIST/CMU	M-1	CMU	M-1	EXIST MET	EXIST	EXIST	EXIST	-
183	POLICE GARAGE	EXIST/CONC	EXIST/SL-1	EXIST/CMU	EXIST CMU	M-1	EXIST/CMU	M-1	EXIST CMU	M-1	EXIST/CMU	M-1	EXIST MET	EXIST	EXIST	EXIST	-
184	COLD STORAGE	CONC	SL-1	EXIST/CONC	EXIST CONC	EXIST	EXIST BRICK	EXIST	CONC	-	CONC	-	MET	-	18'-9"	-	-
185	NORTH GARAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-
201	GUN CLEANING	CONC	SL-1	EXIST/CMU	-	-	EXIST/CMU	M-1	-	-	-	-	EXIST MET	EXIST	EXIST	EXIST	-
202	SECURE STORAGE	CONC	SL-1	-	CMU	M-1	EXIST CMU	M-1	CMU	M-1	EXIST CMU	M-1	EXIST MET	EXIST	EXIST	EXIST	-
203	STORAGE	CONC	SL-1	EXIST/CMU	EXIST CMU	M-1	CMU	M-1	CMU	M-1	CMU	M-1	EXIST MET	EXIST	EXIST	EXIST	-
206	GARAGE MEZZANINE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-
207	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-
208	MECH	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THESE DIMENSIONS AND DIMENSIONS SHOWN ON THE DRAWING ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



NO	REVISION	DATE

SURVEY

DRAWN BPP

DESIGNED BPP

CHECKED

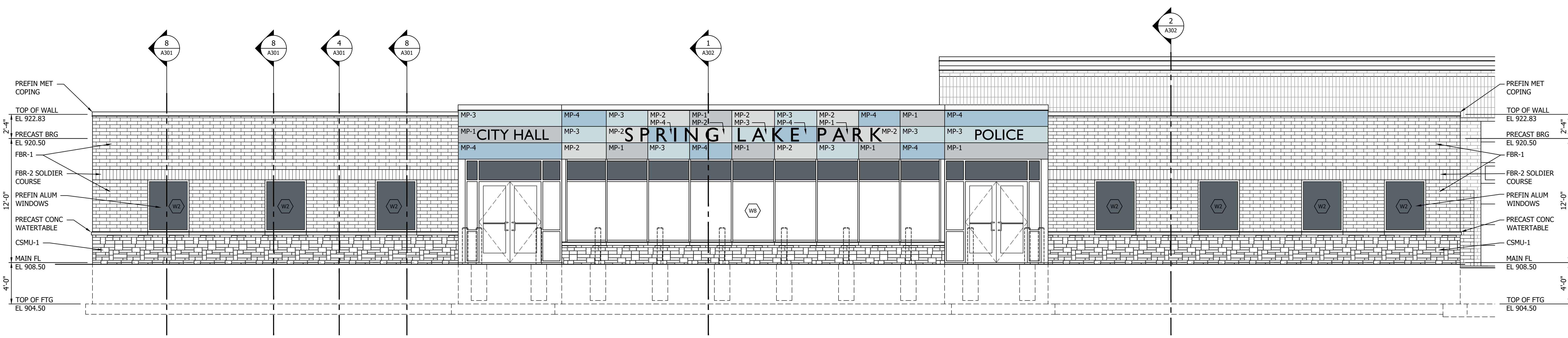
APPROVED

PROJ. NO. 193806049

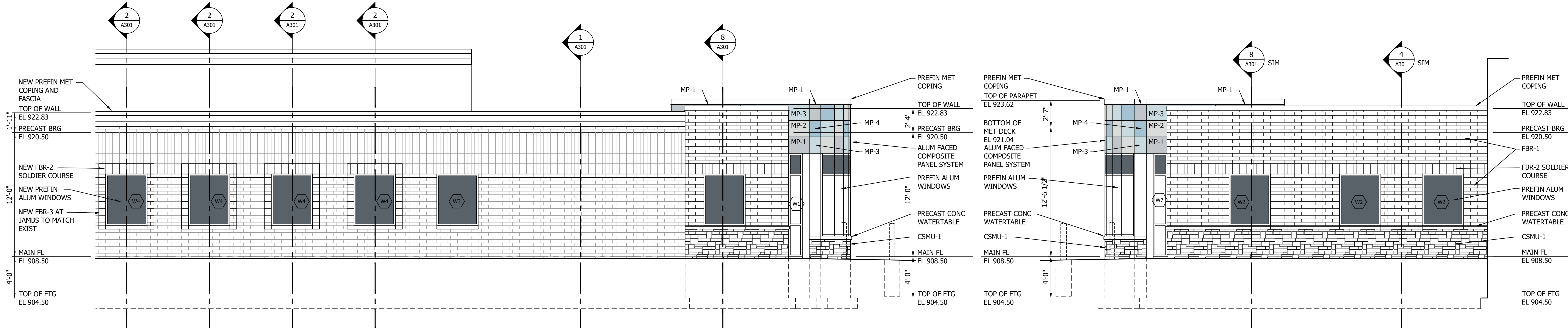
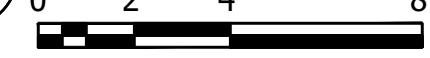
SHEET NUMBER

A201

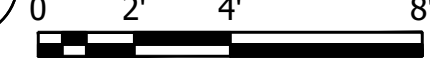
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



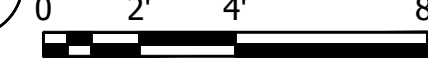
**1** PARTIAL ENLARGED EAST ELEVATION



**2** PARTIAL ENLARGED SOUTH ELEVATION



**3** PARTIAL ENLARGED NORTH ELEVATION



Plot Date: 09/07/2023, 8:02 AM  
 Project: 19386049\_A302.dwg  
 User: 19386049\_A302.dwg



733 Marquette Avenue, Suite 1000  
 Minneapolis, MN 55402  
 www.stantec.com

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ARCHITECT UNDER THE BOARD OF ARCHITECTURE OF THE STATE OF MINNESOTA.  
 PRINT NAME: BRUCE E. LARSEN  
 SIGNATURE: \_\_\_\_\_  
 DATE: SEPTEMBER 11, 2023 LIC. NO.: 209210

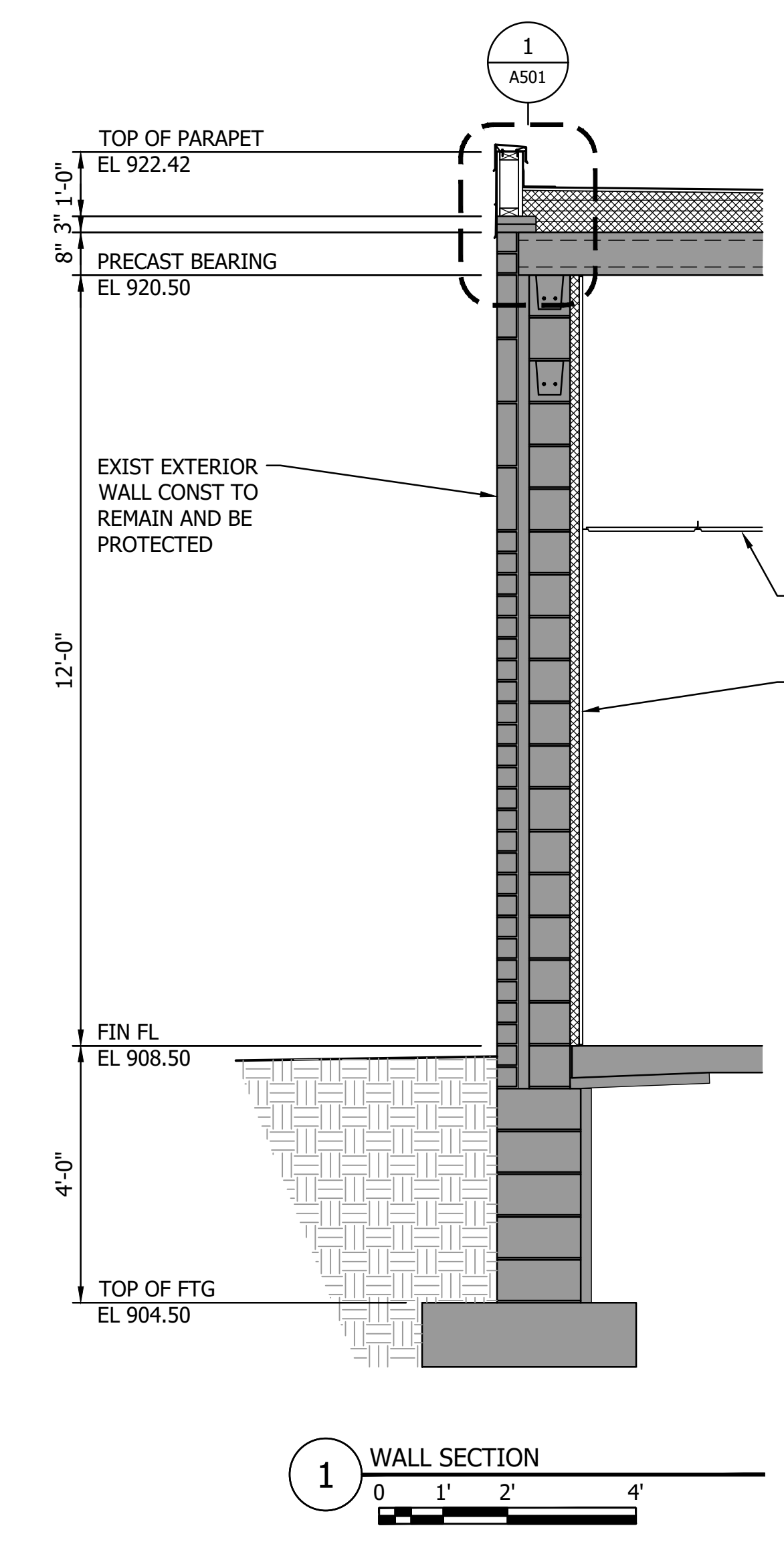
CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 PARTIAL ENLARGED EXTERIOR ELEVATIONS

NO.	REVISION	DATE

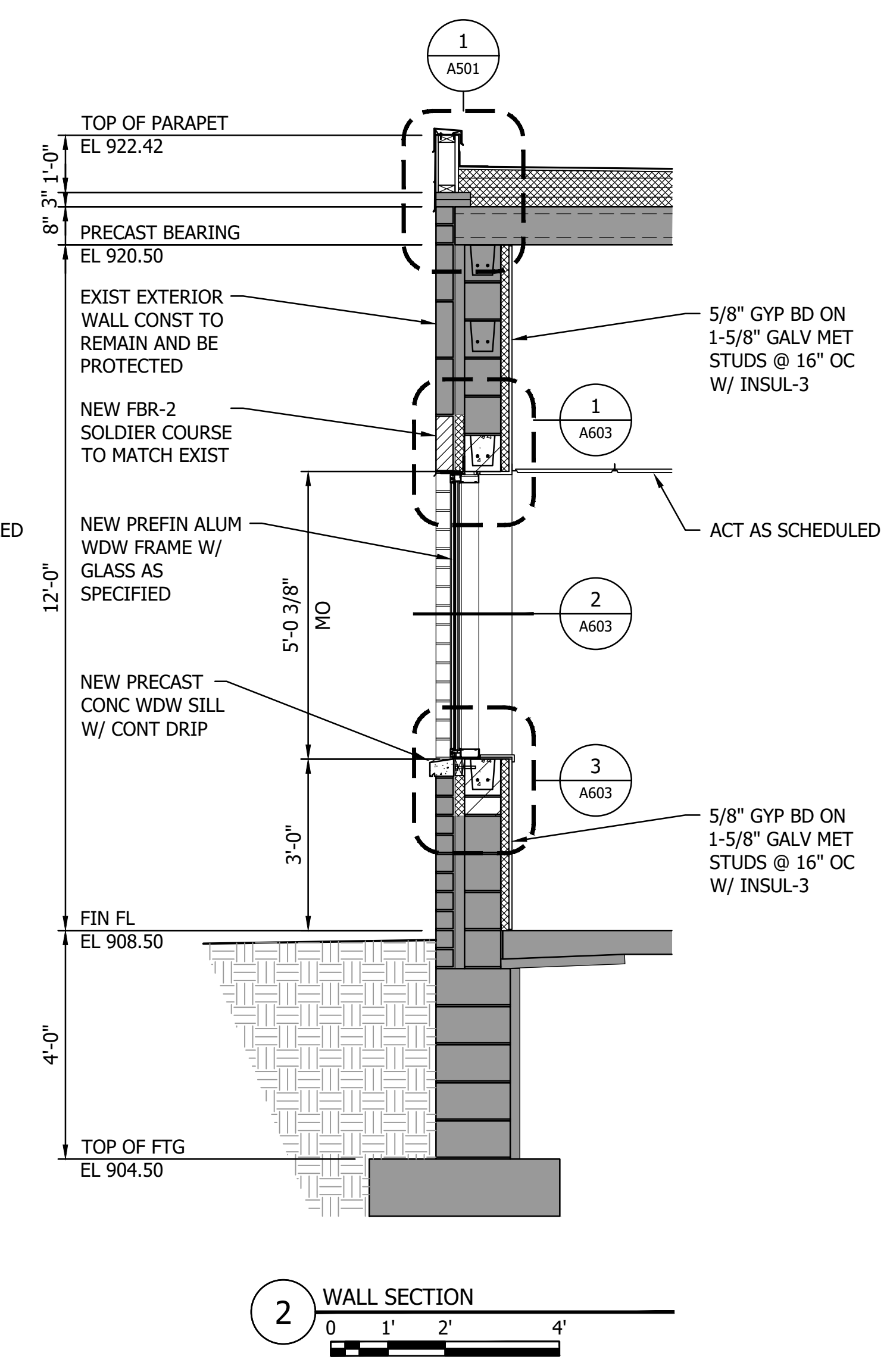
SURVEY: \_\_\_\_\_  
 DRAWN: BFP  
 DESIGNED: BFP  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

PROJ. NO.: 19386049  
 SHEET NUMBER:  
**A202**

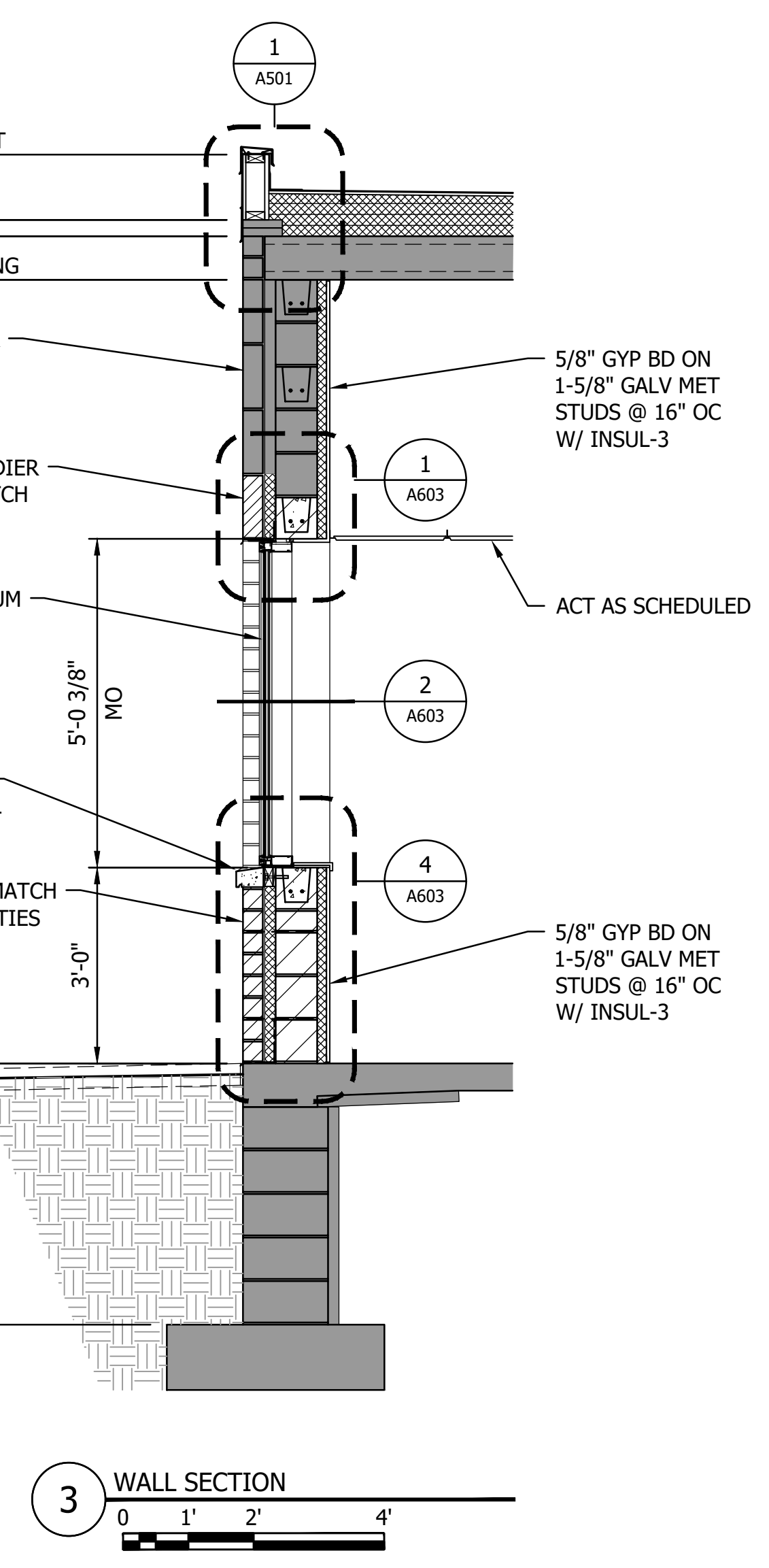
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND DIMENSIONS AND THE PROPERTY OF DIMENSIONS. REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



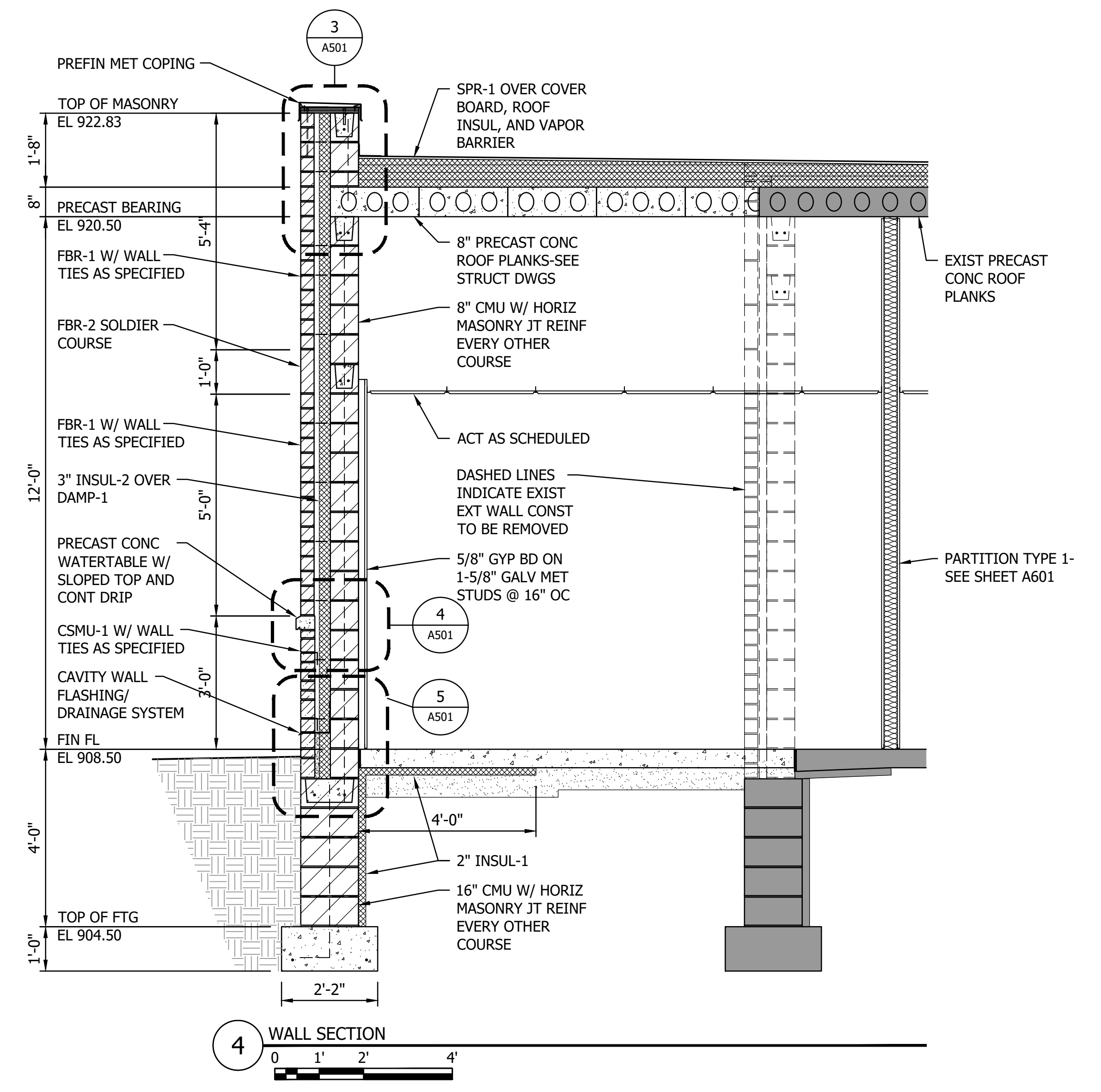
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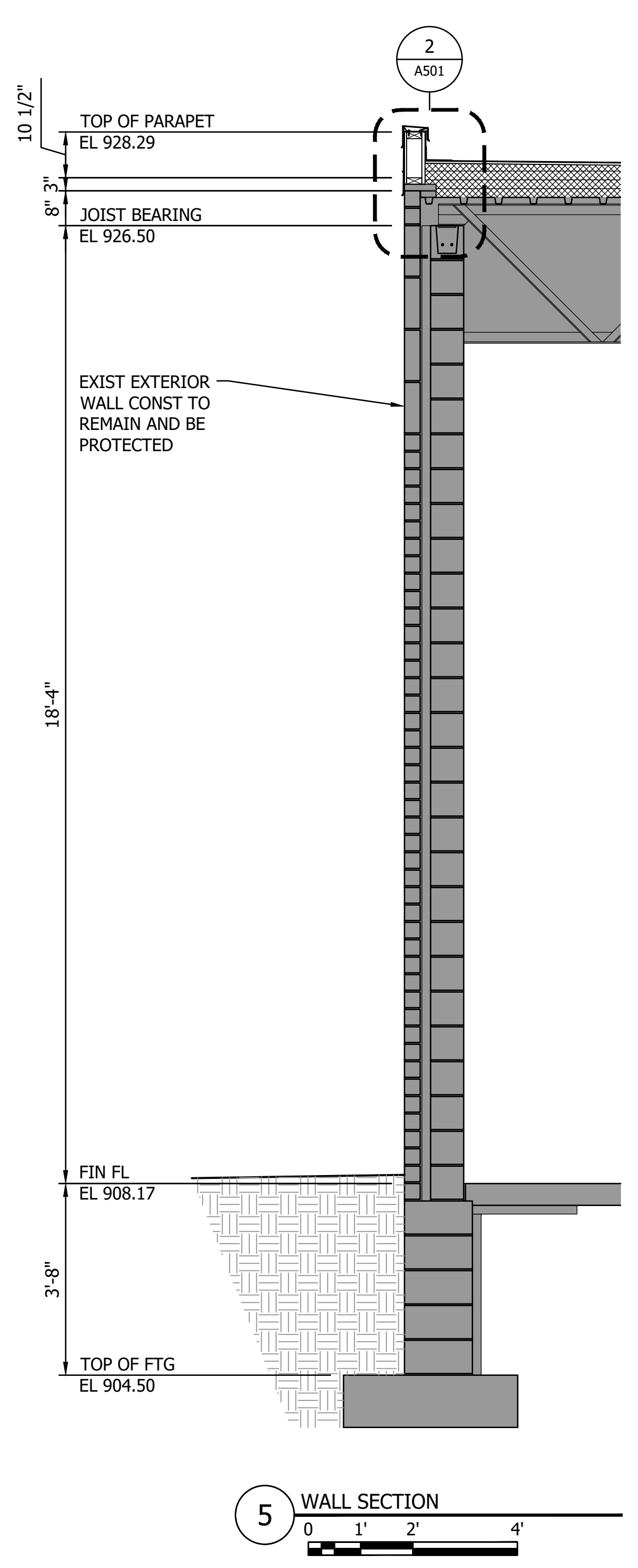
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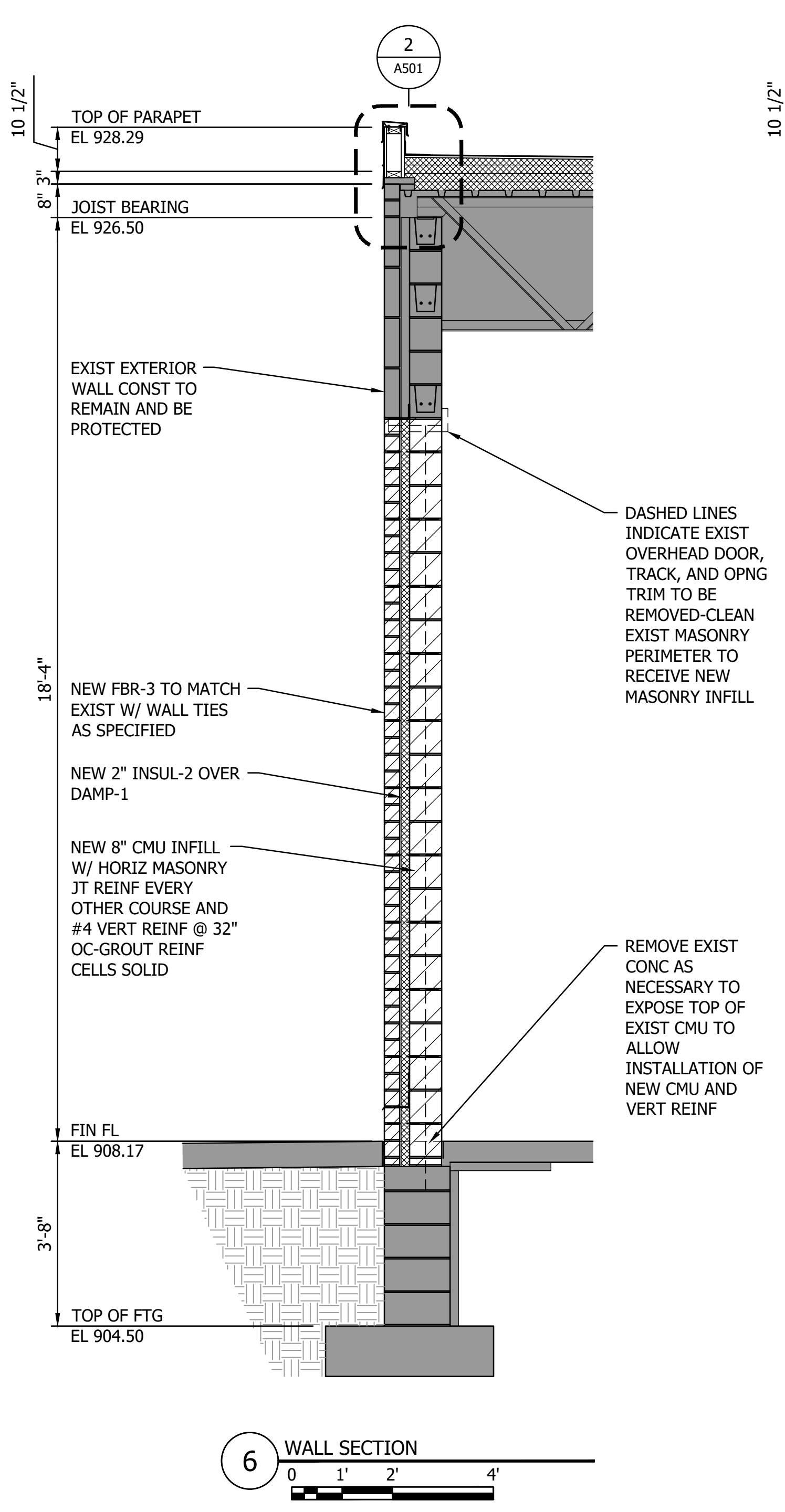
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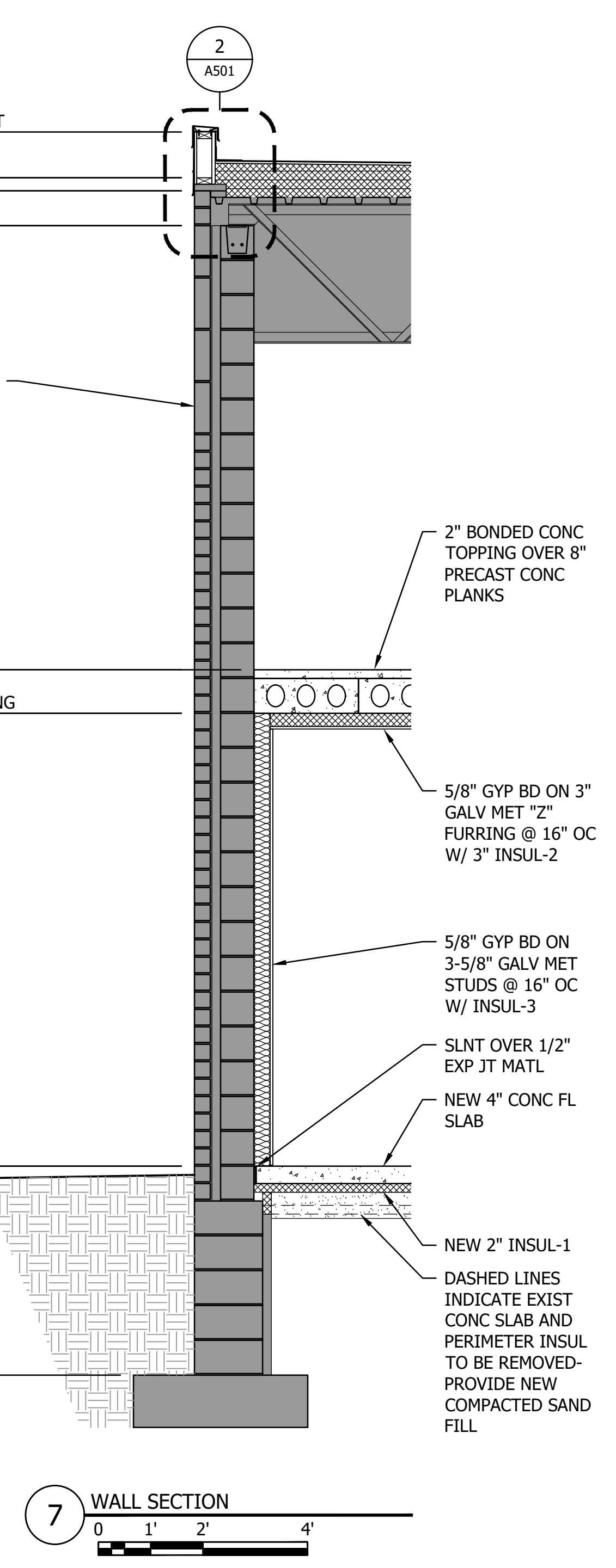
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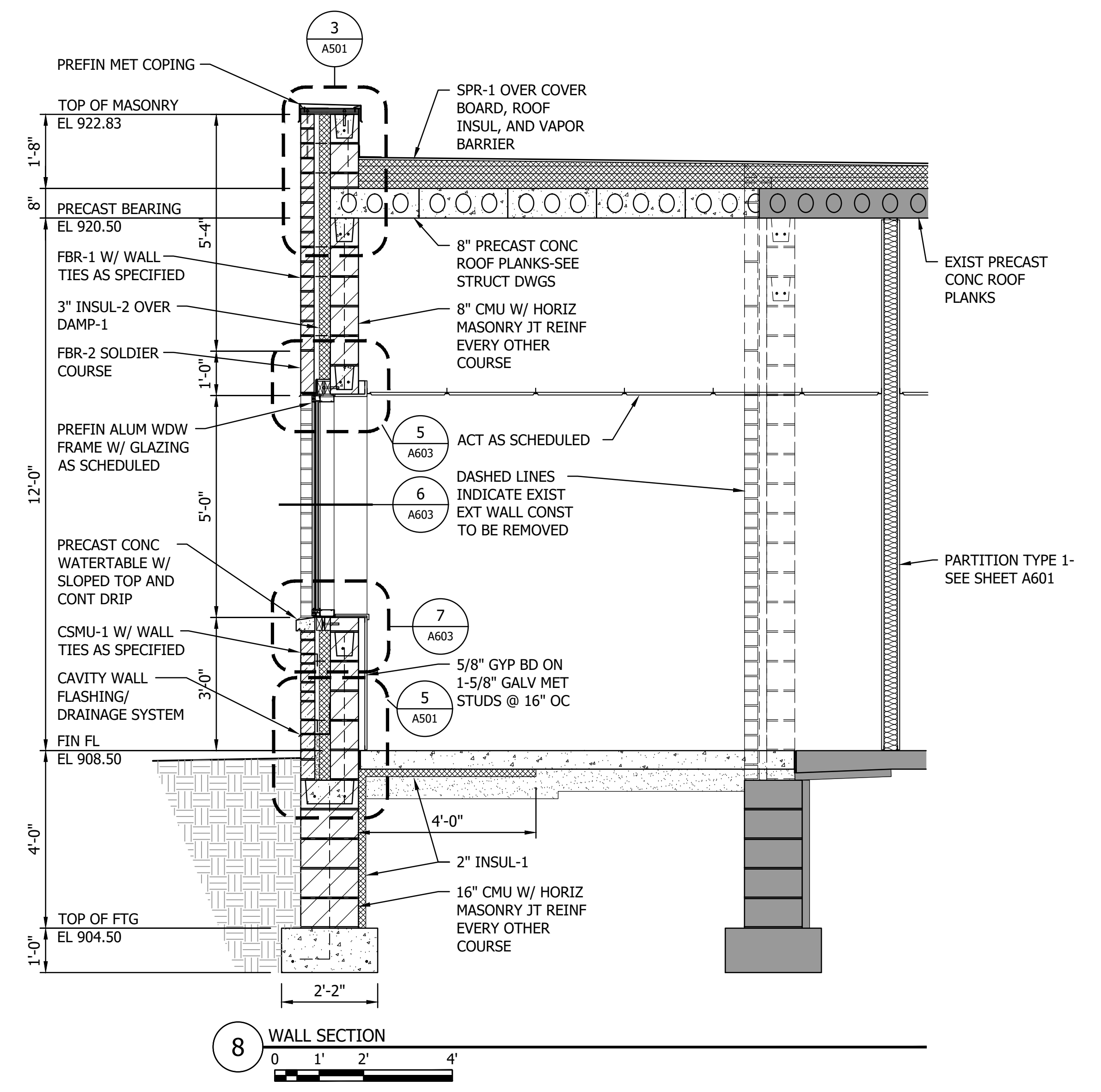
5 WALL SECTION  
0 1' 2' 4'



6 WALL SECTION  
0 1' 2' 4'



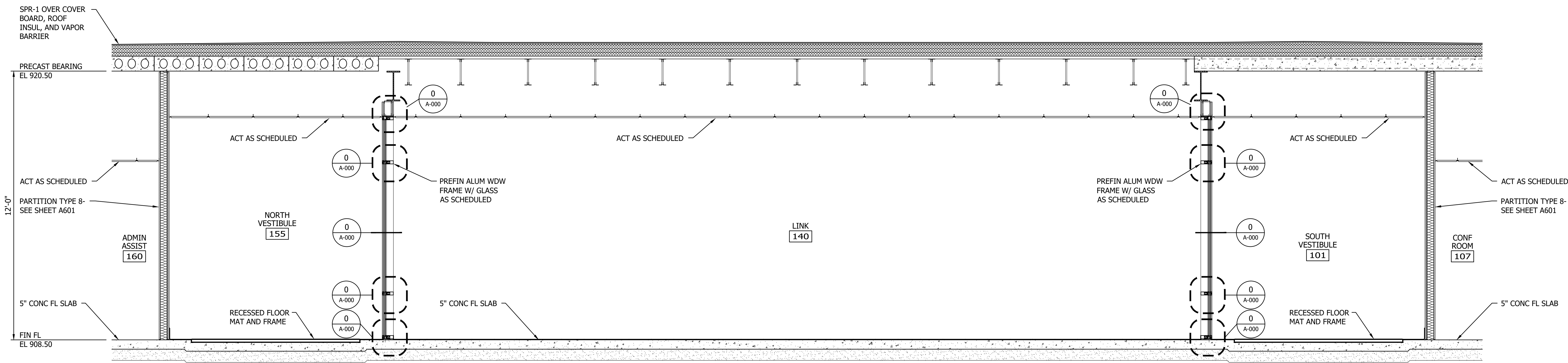
7 WALL SECTION  
0 1' 2' 4'



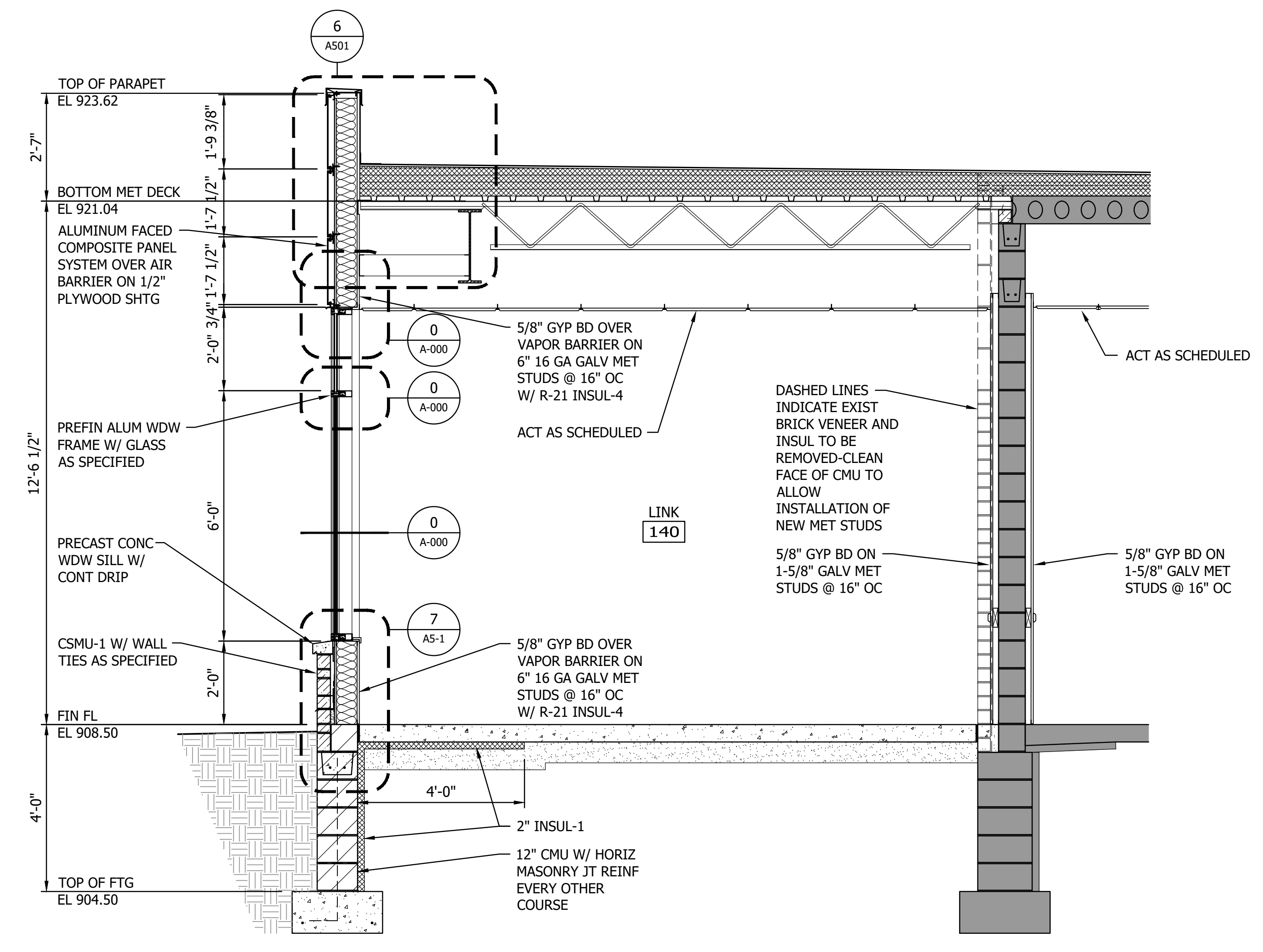
8 WALL SECTION  
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Proj Date: 09/07/2023 8:52 AM  
 User: 193865649  
 Job: 193865649

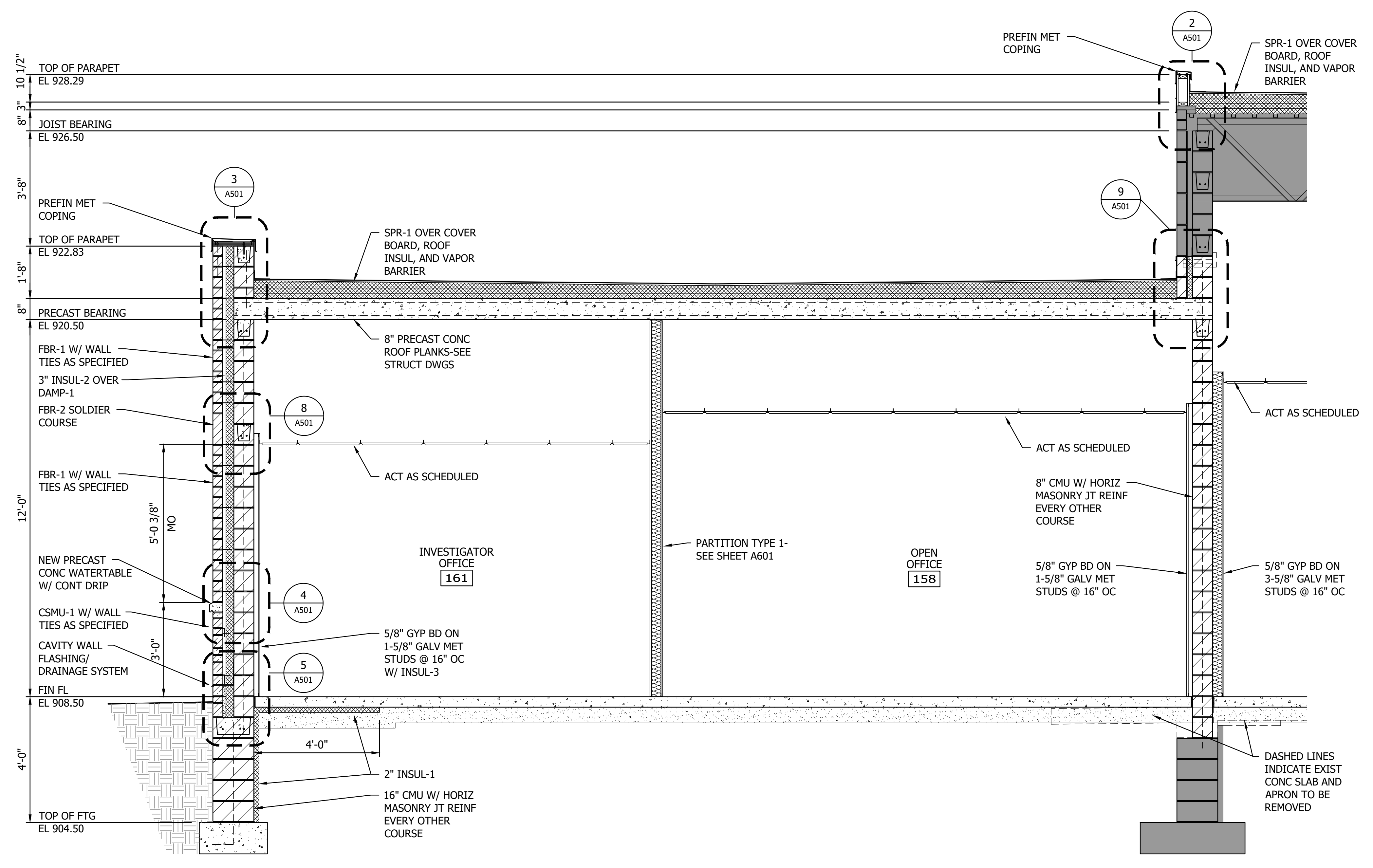
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



1 WALL SECTION AT NORTH VESTIBULE 155, LINK 140, AND SOUTH VESTIBULE 101



2 WALL SECTION AT LINK 140



3 WALL SECTION

Plot Date: 09/07/2023 8:58AM  
 C:\projects\19386649\CAD\Draw\19386649-A302.dwg  
 User: T19386649\TASIA\_19386649-RJR

NO.	REVISION	DATE

SURVEY	BPP
DRAWN	BPP
DESIGNED	BPP
CHECKED	
APPROVED	
PROJ. NO.	19386649
SHEET NUMBER	A302













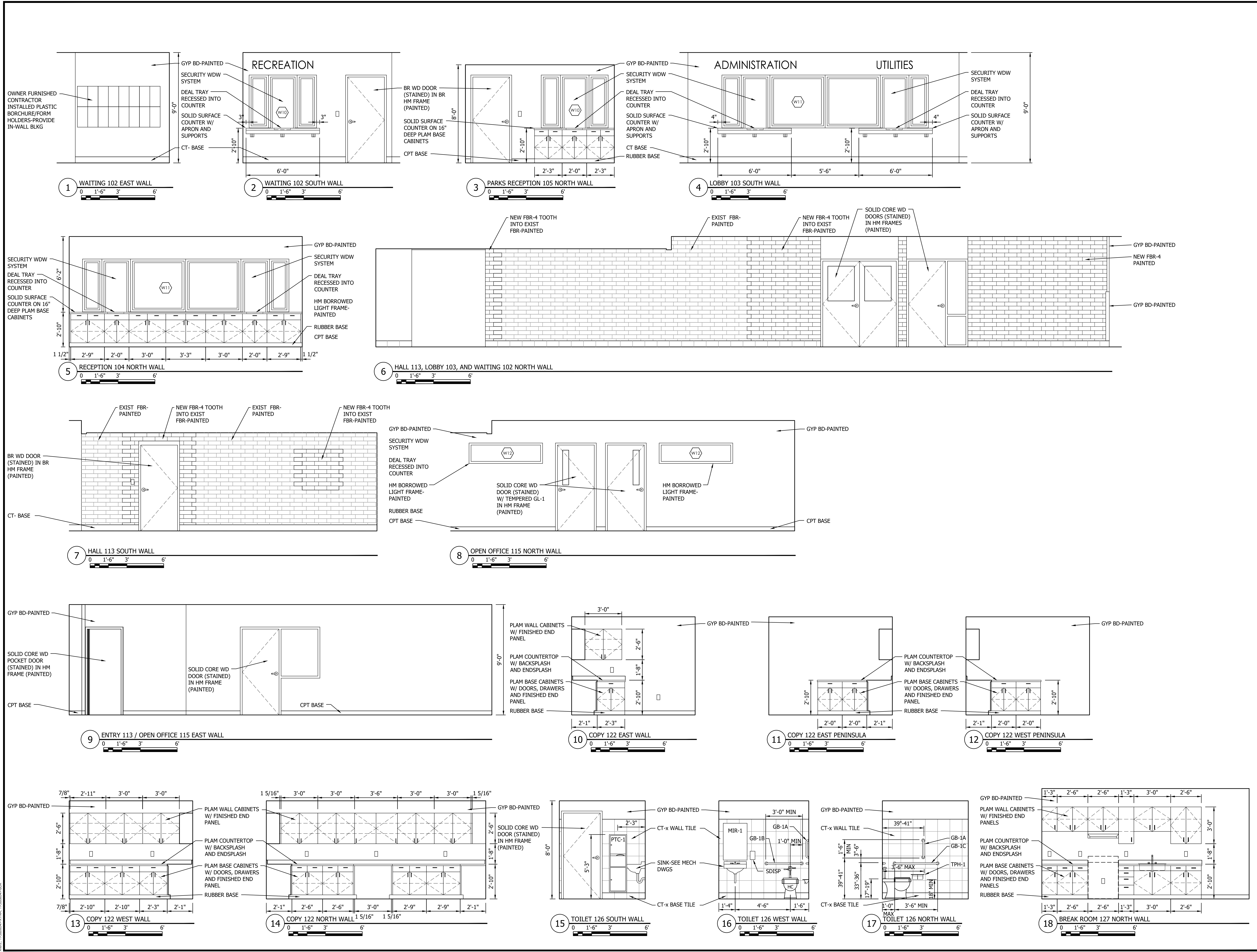








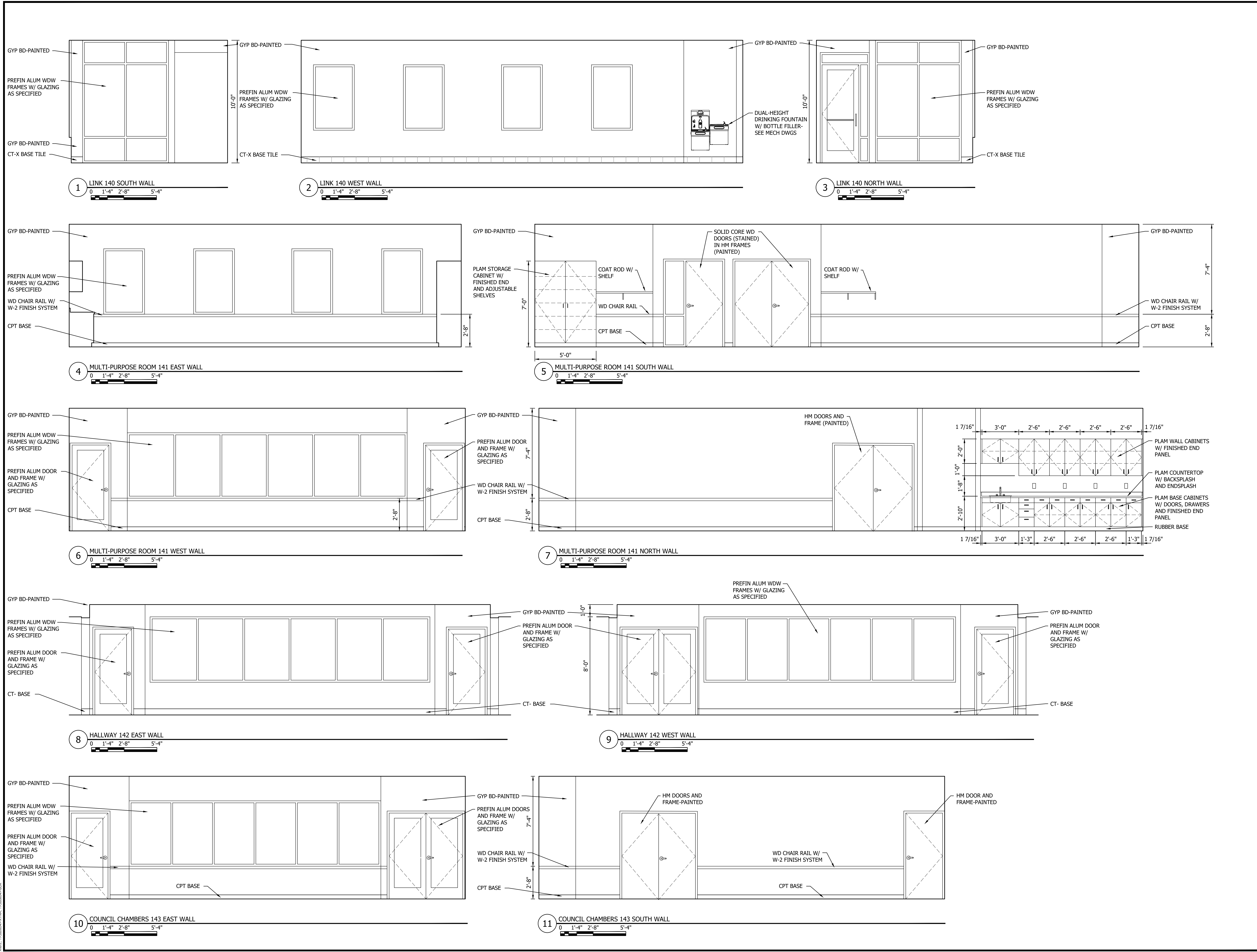
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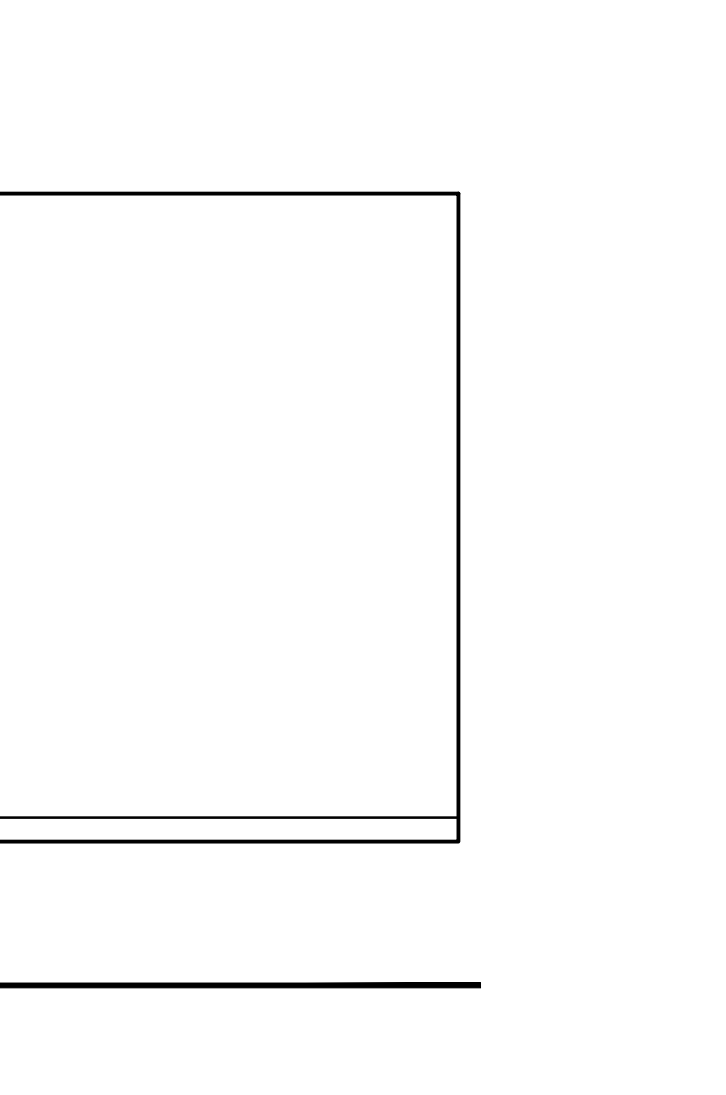
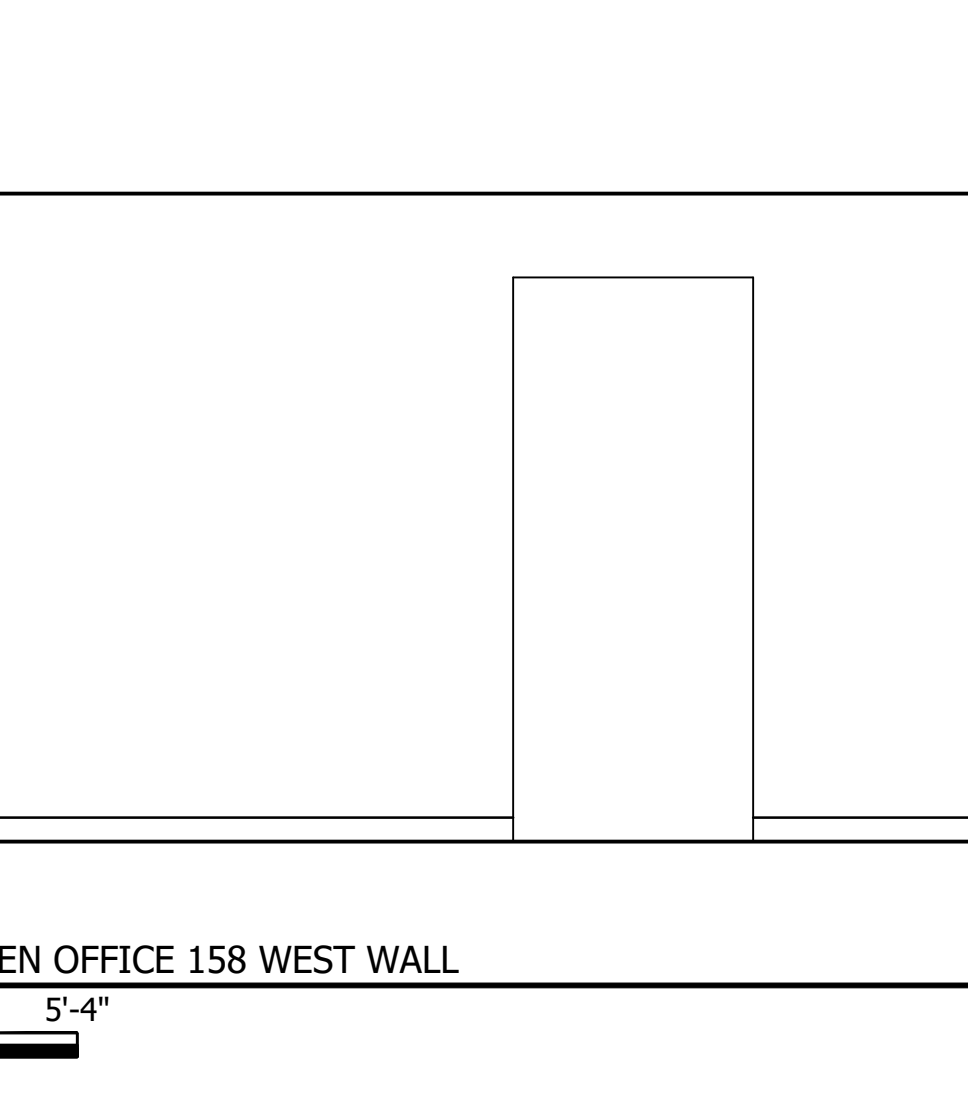
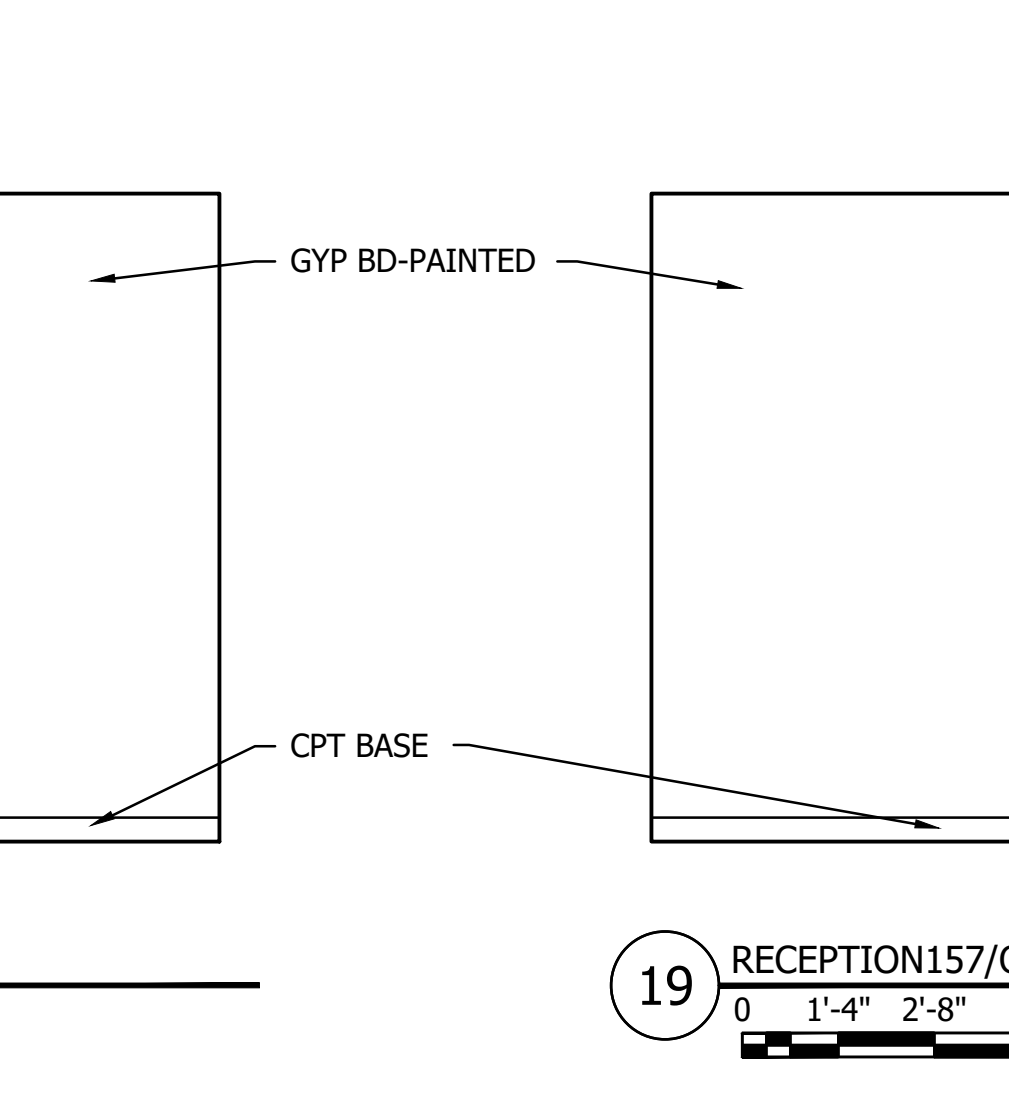
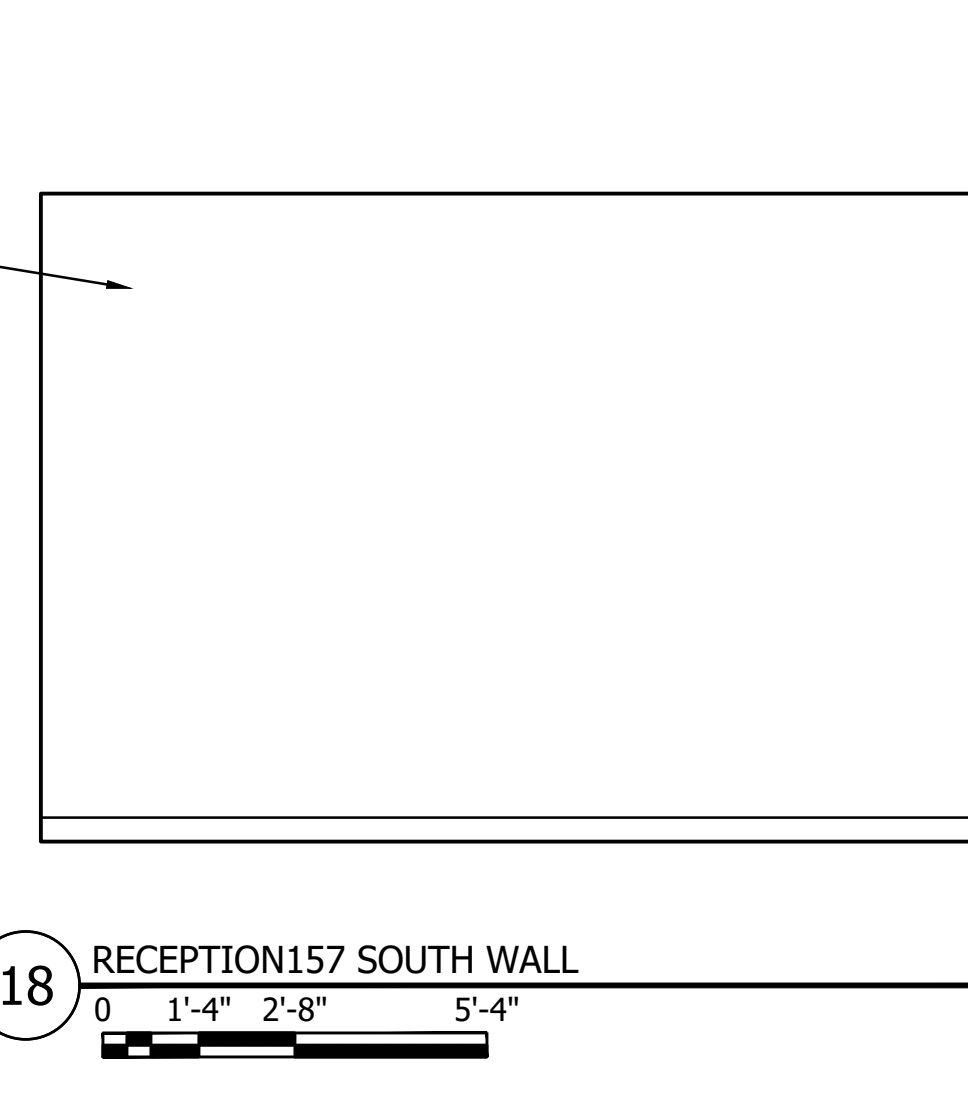
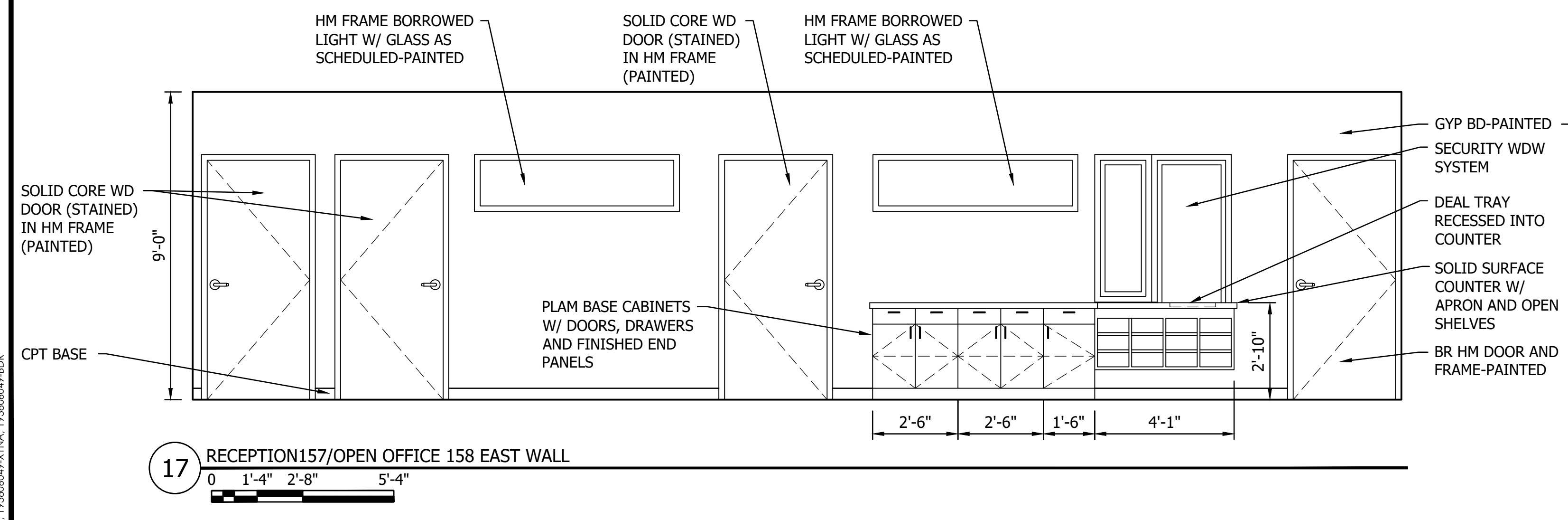
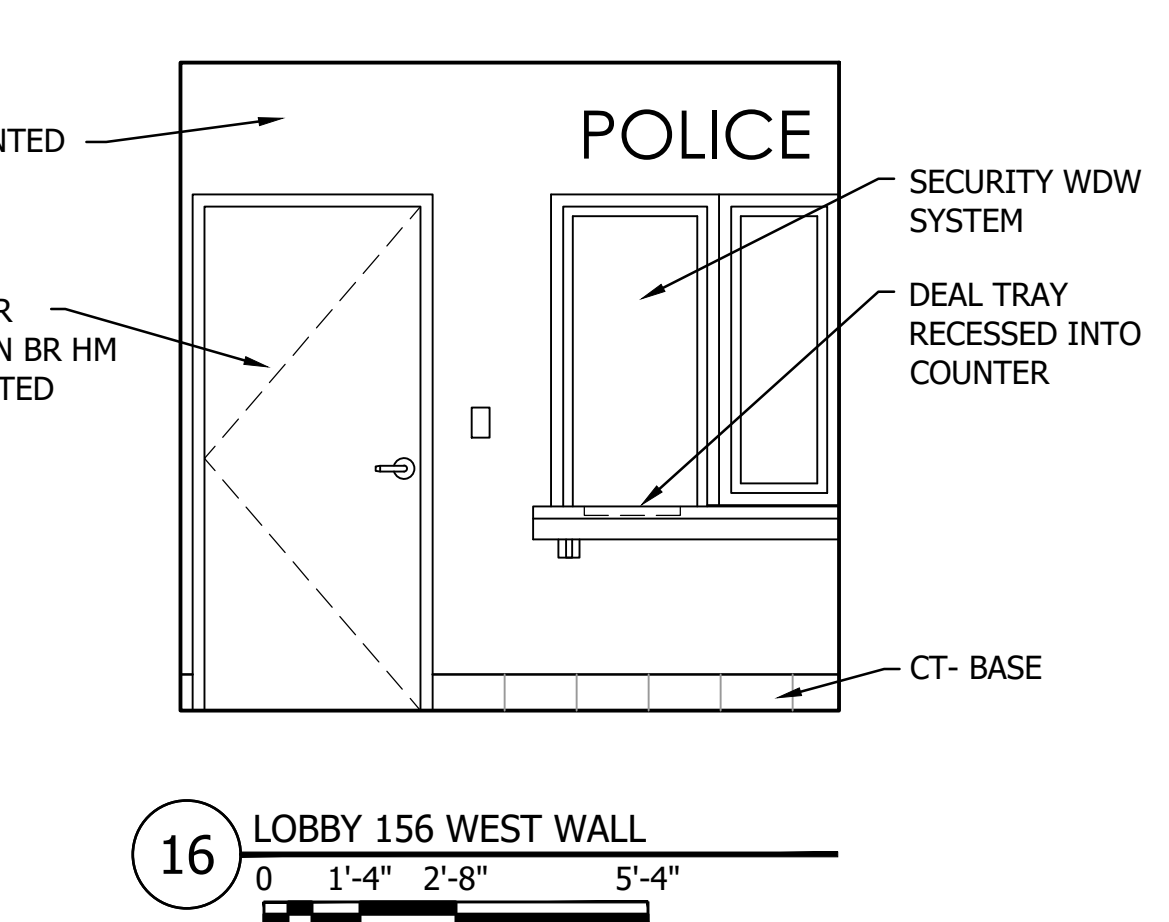
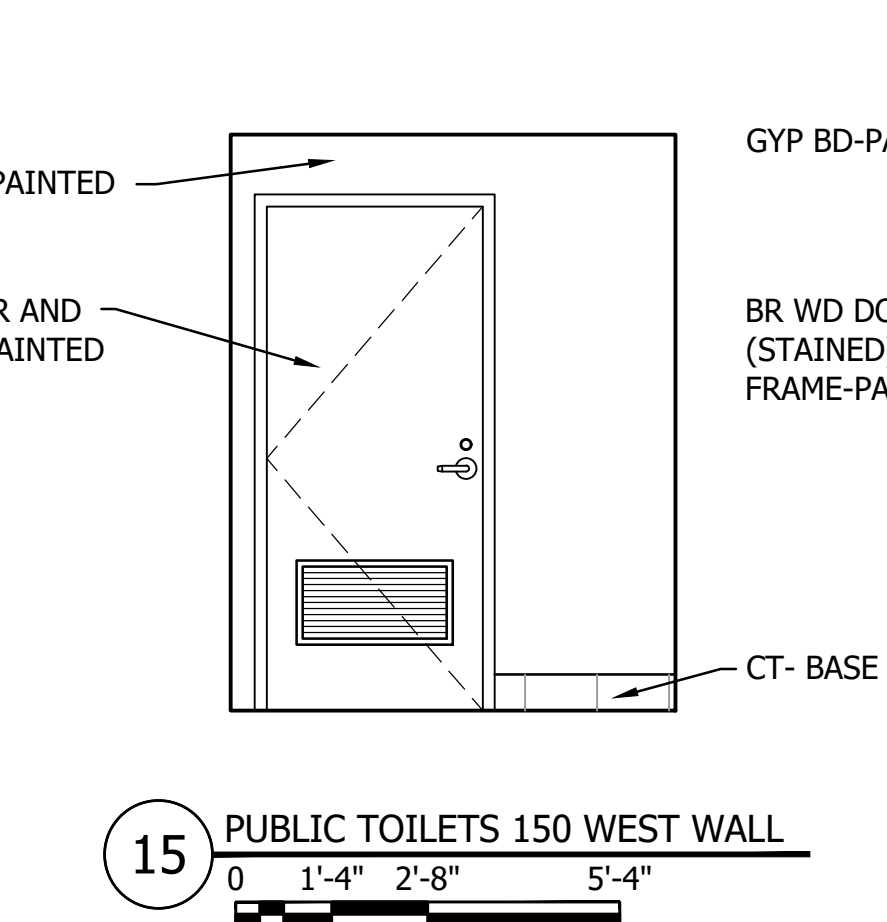
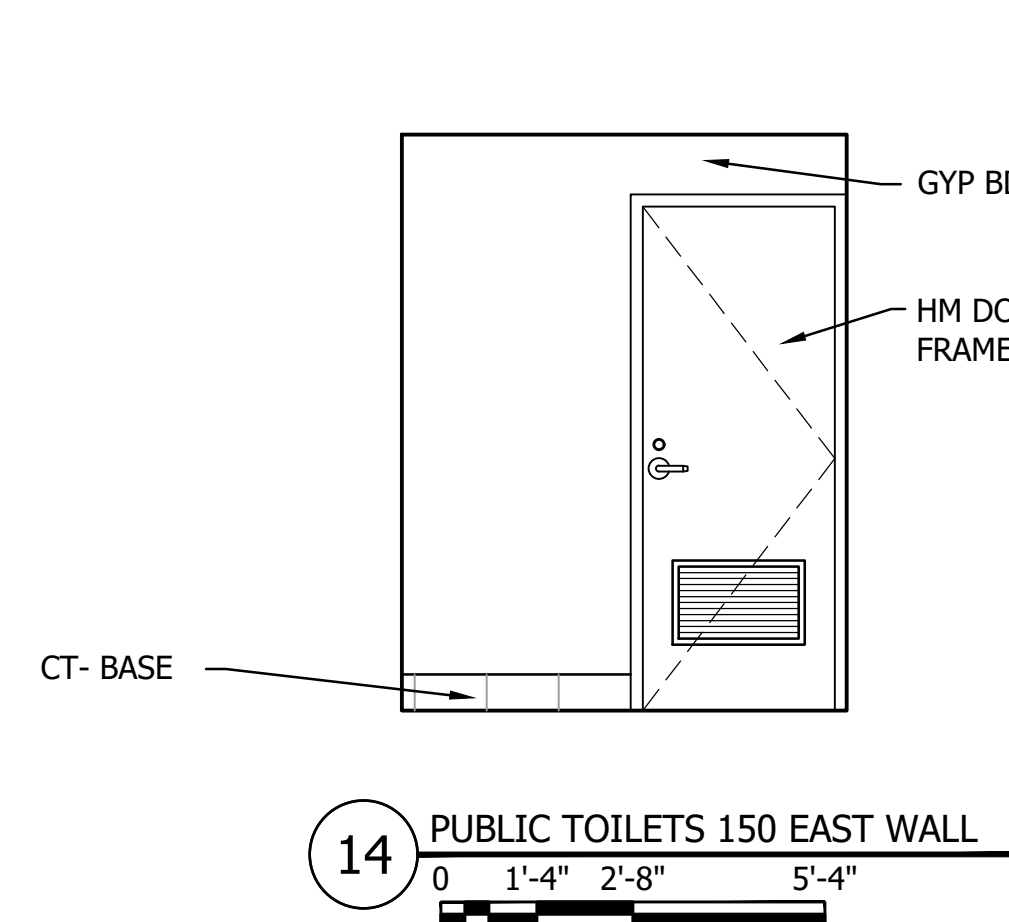
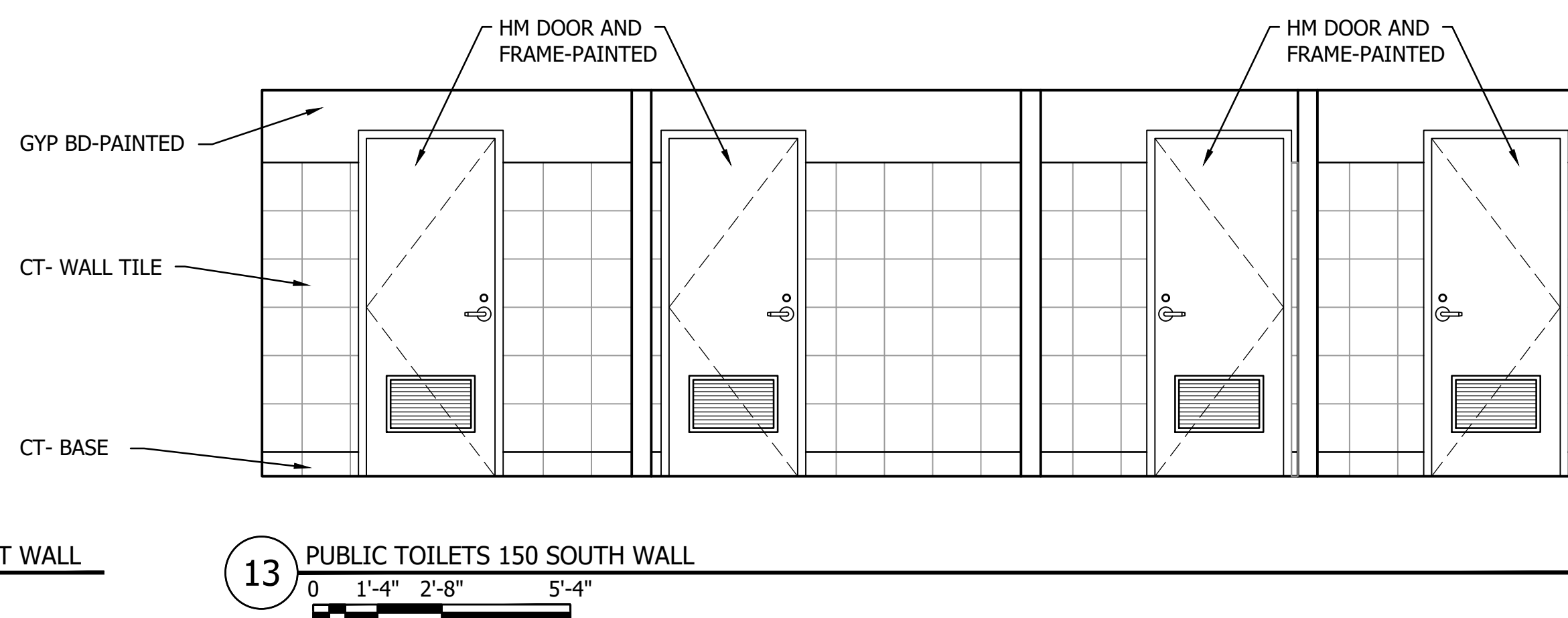
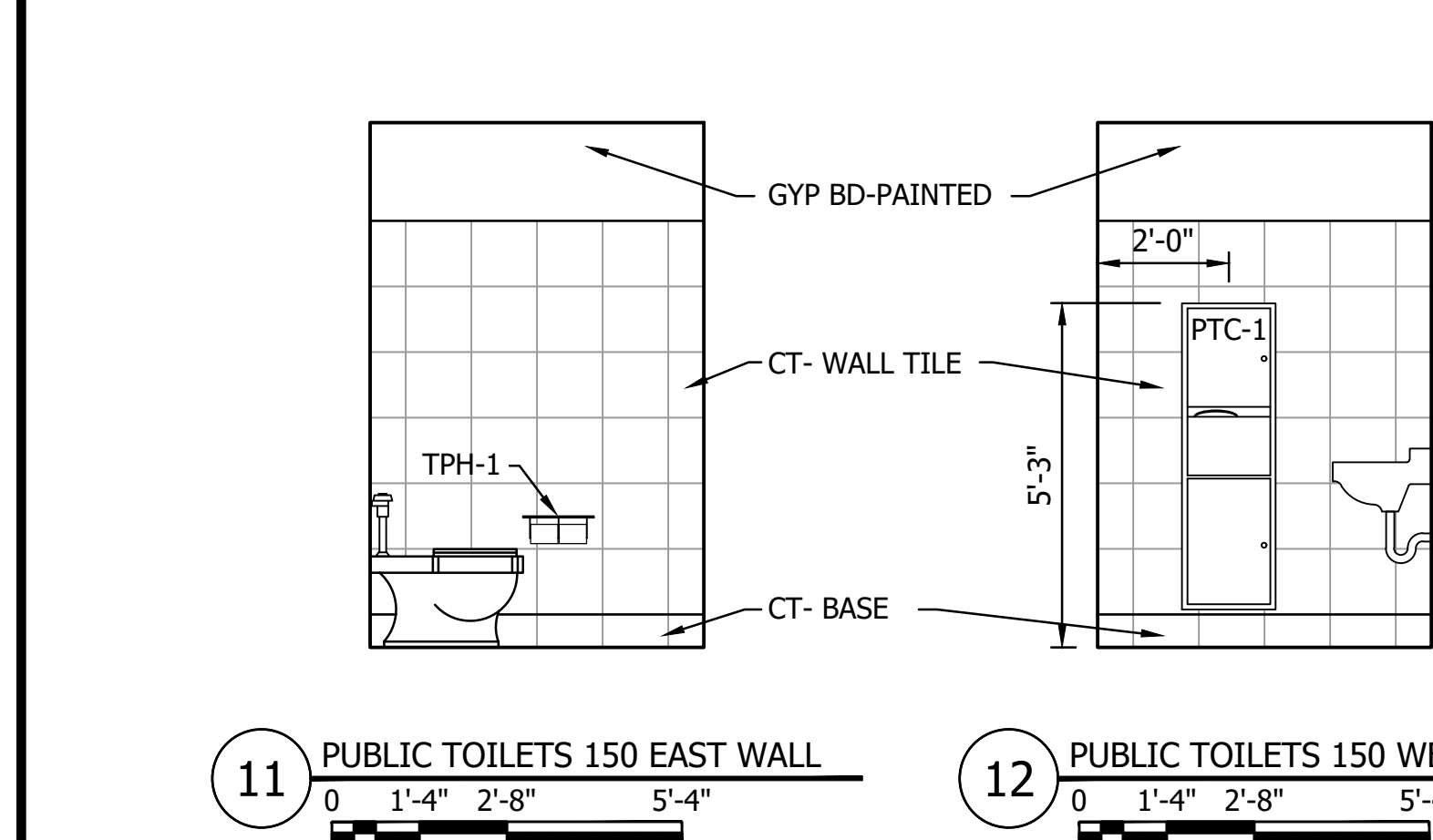
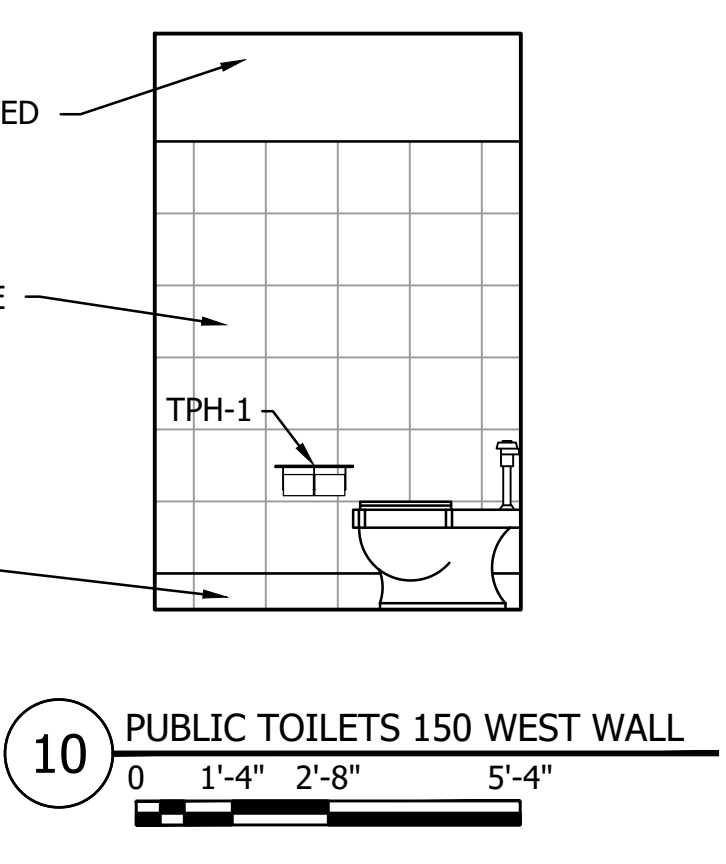
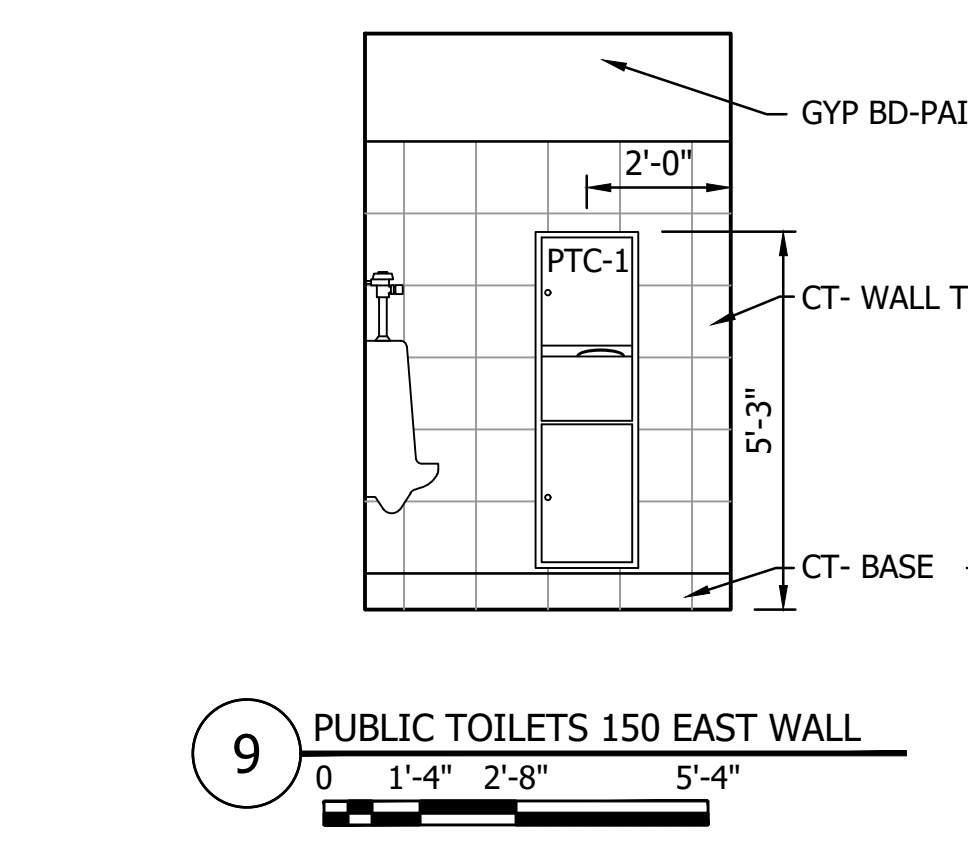
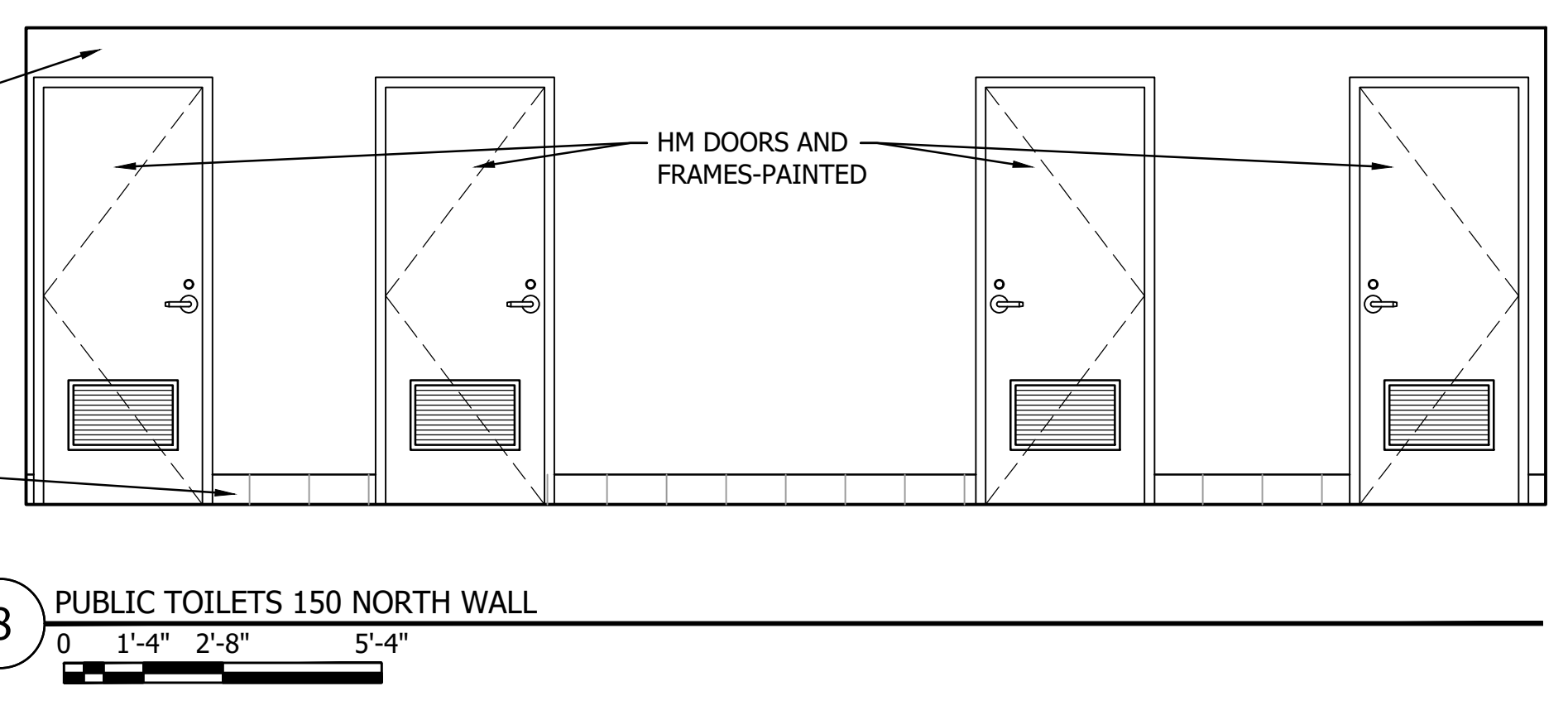
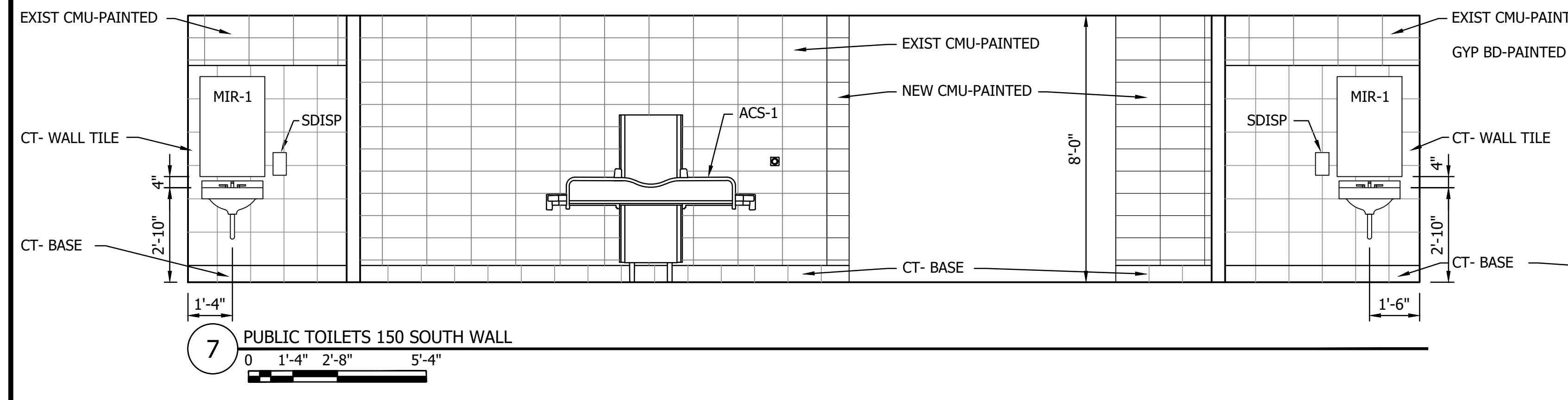
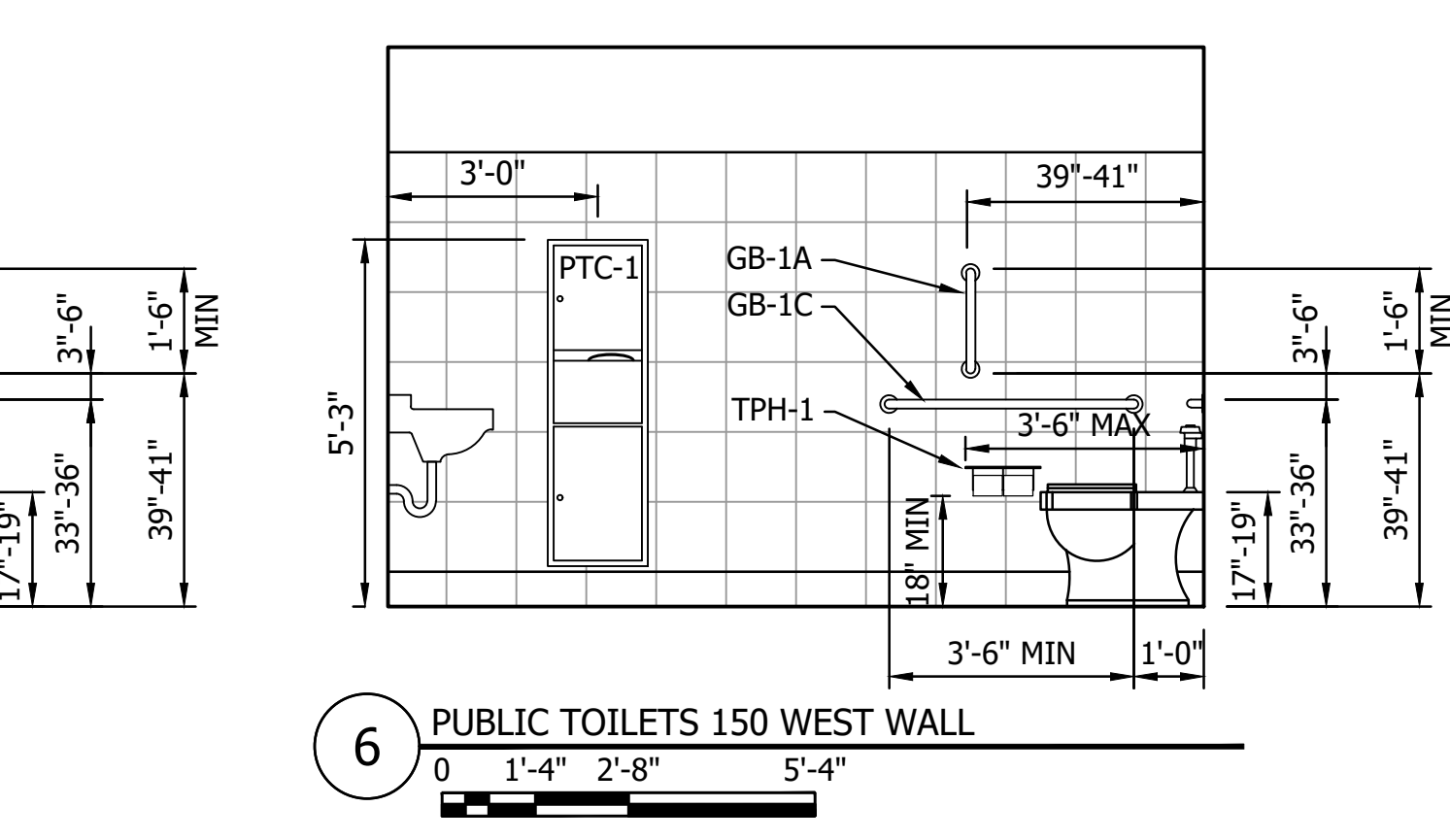
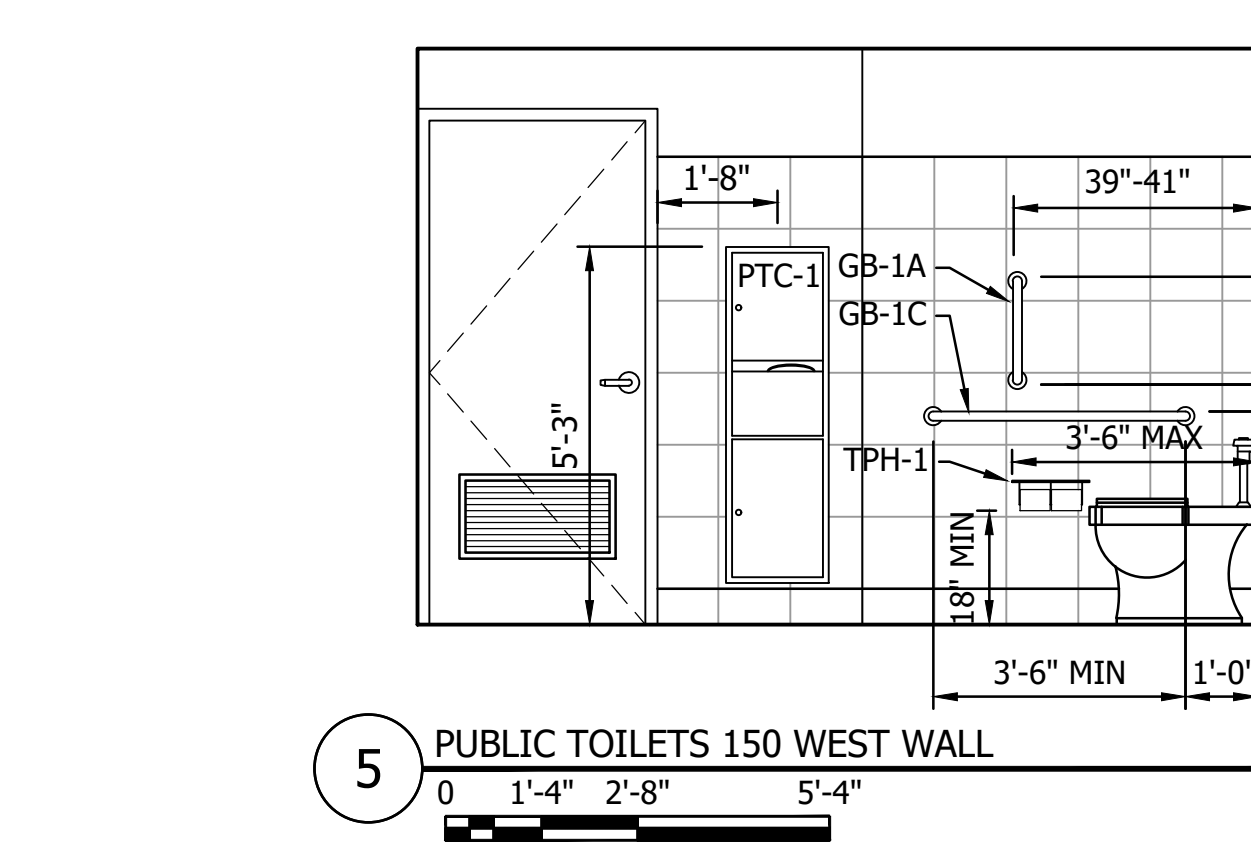
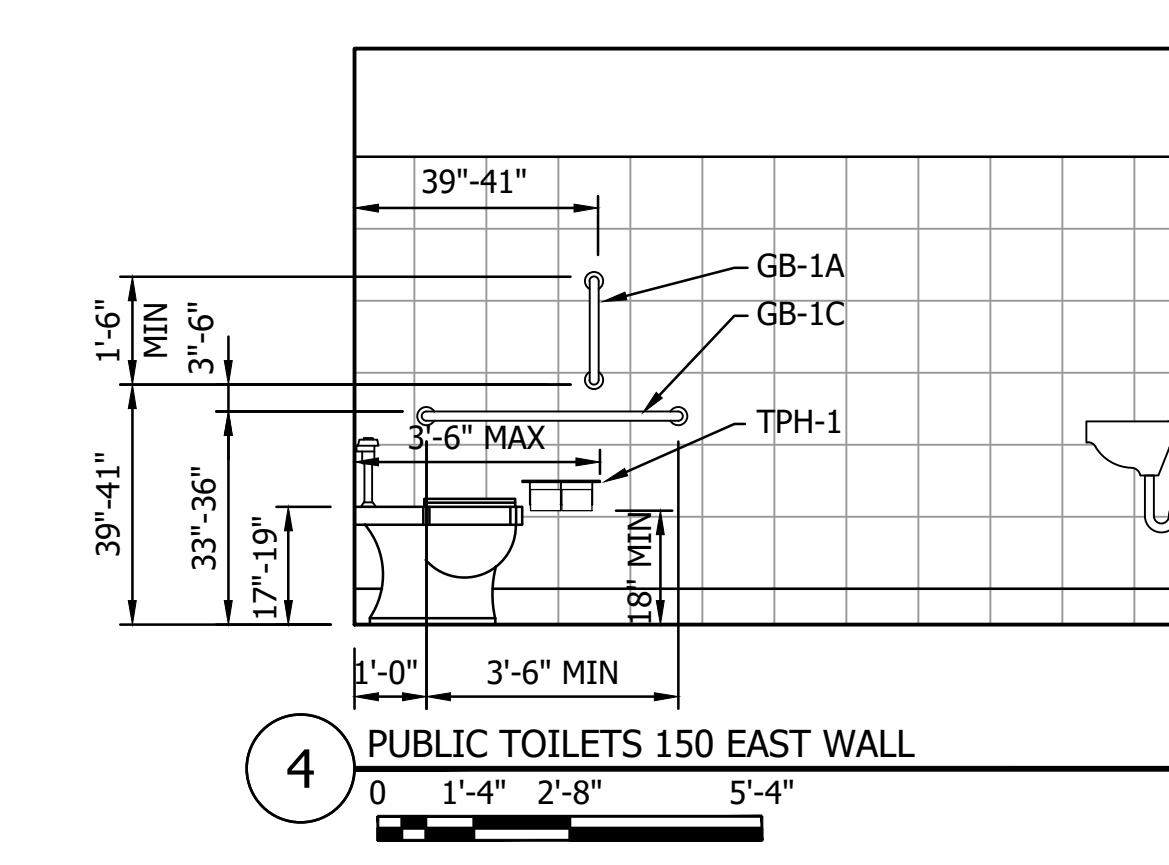
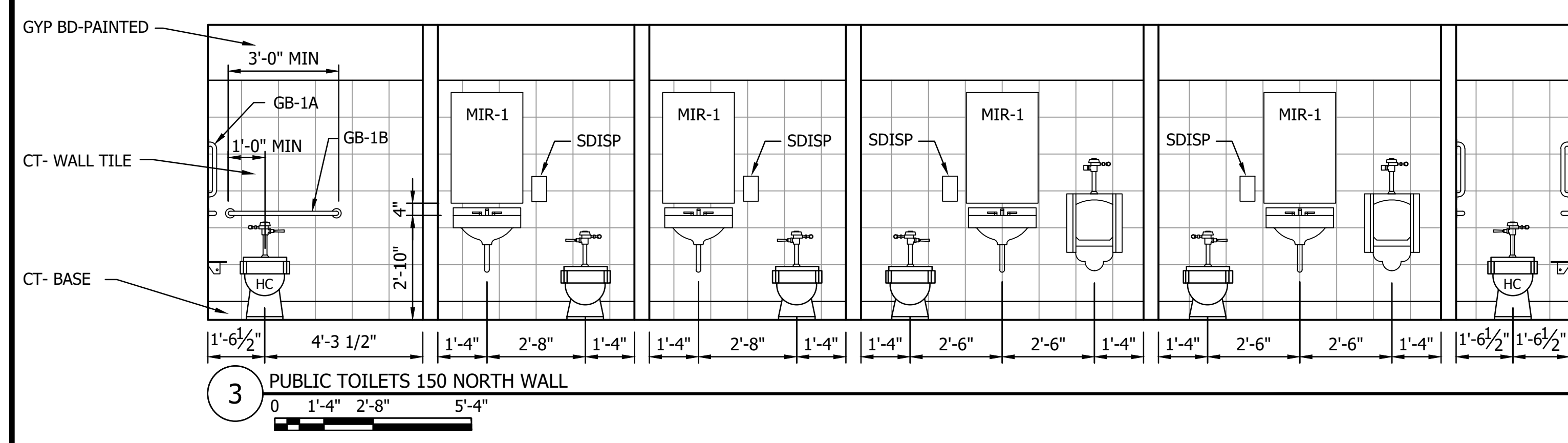
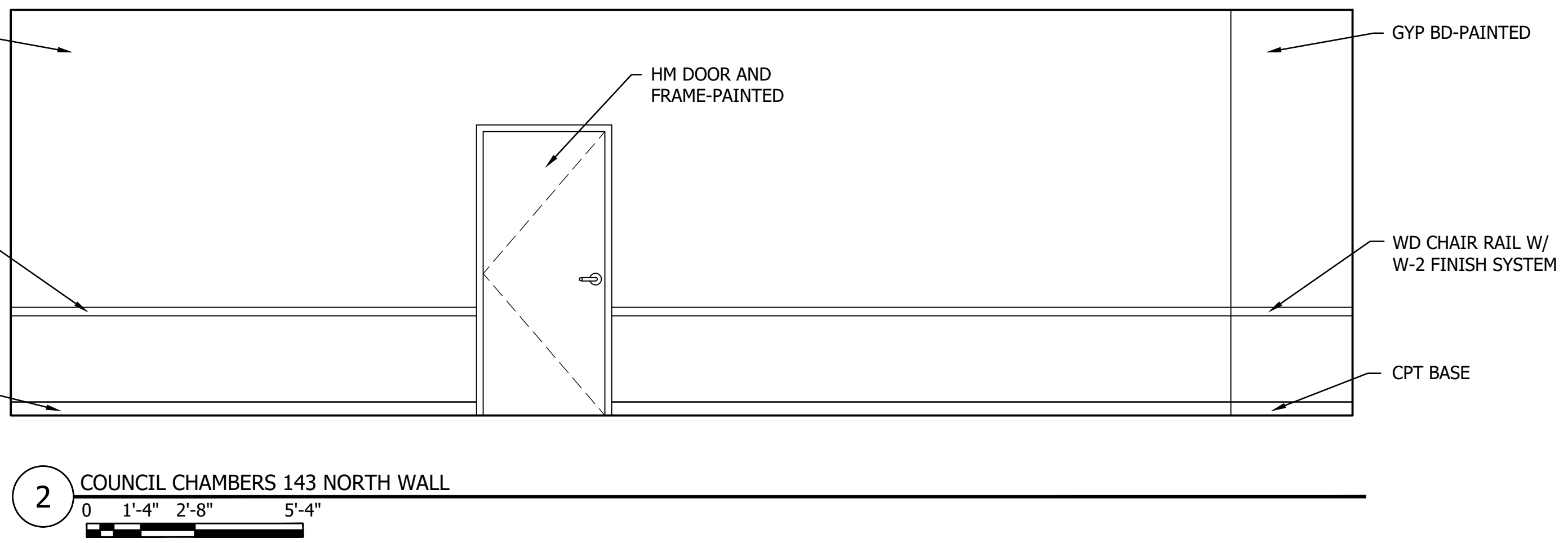
Rev: 09/07/2023 - 8:44am  
 PROJECT: 19306049 - City of Spring Lake Park, Minnesota  
 SHEET: 19306049-INT-104 - INTERIOR ELEVATIONS



THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

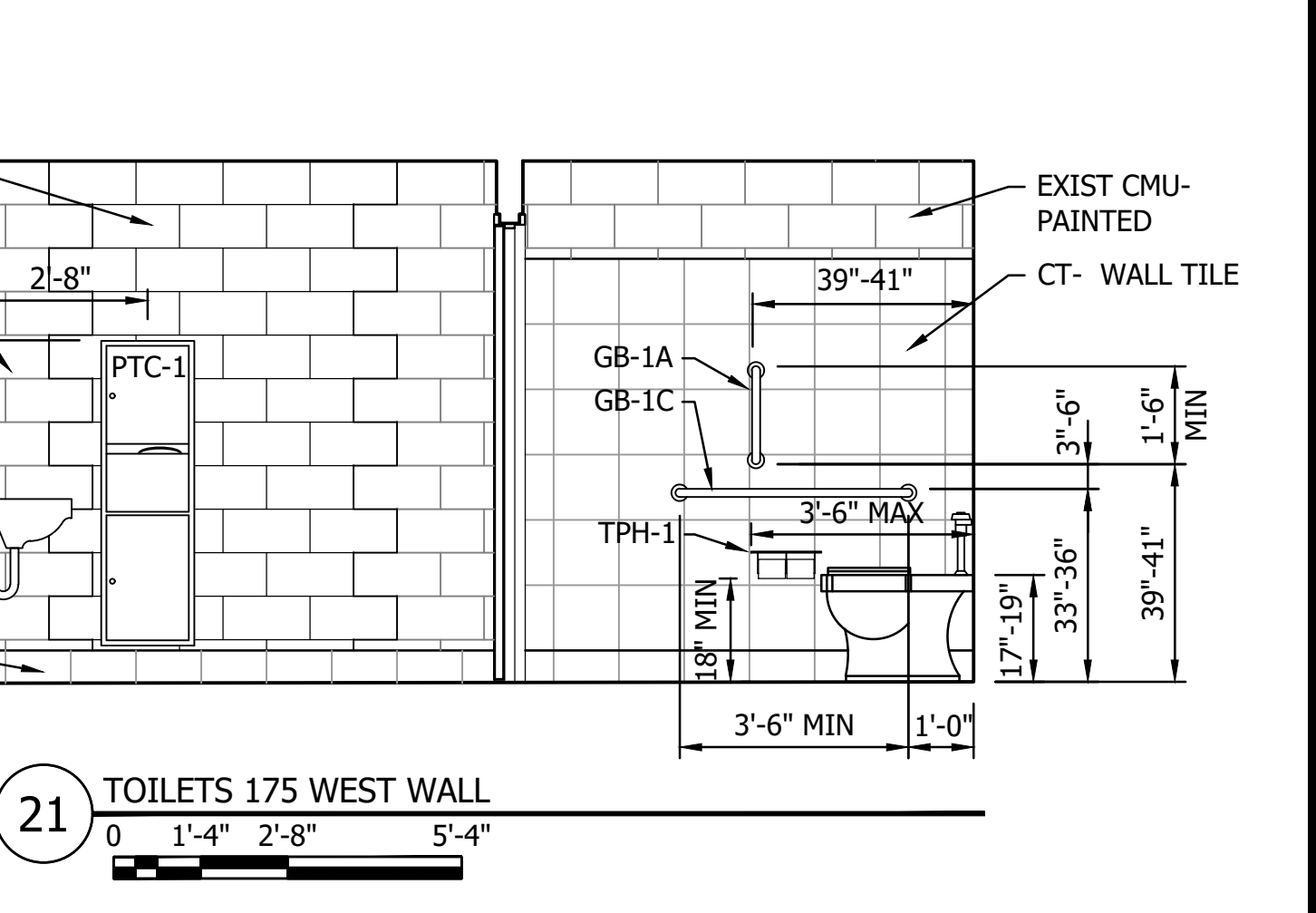
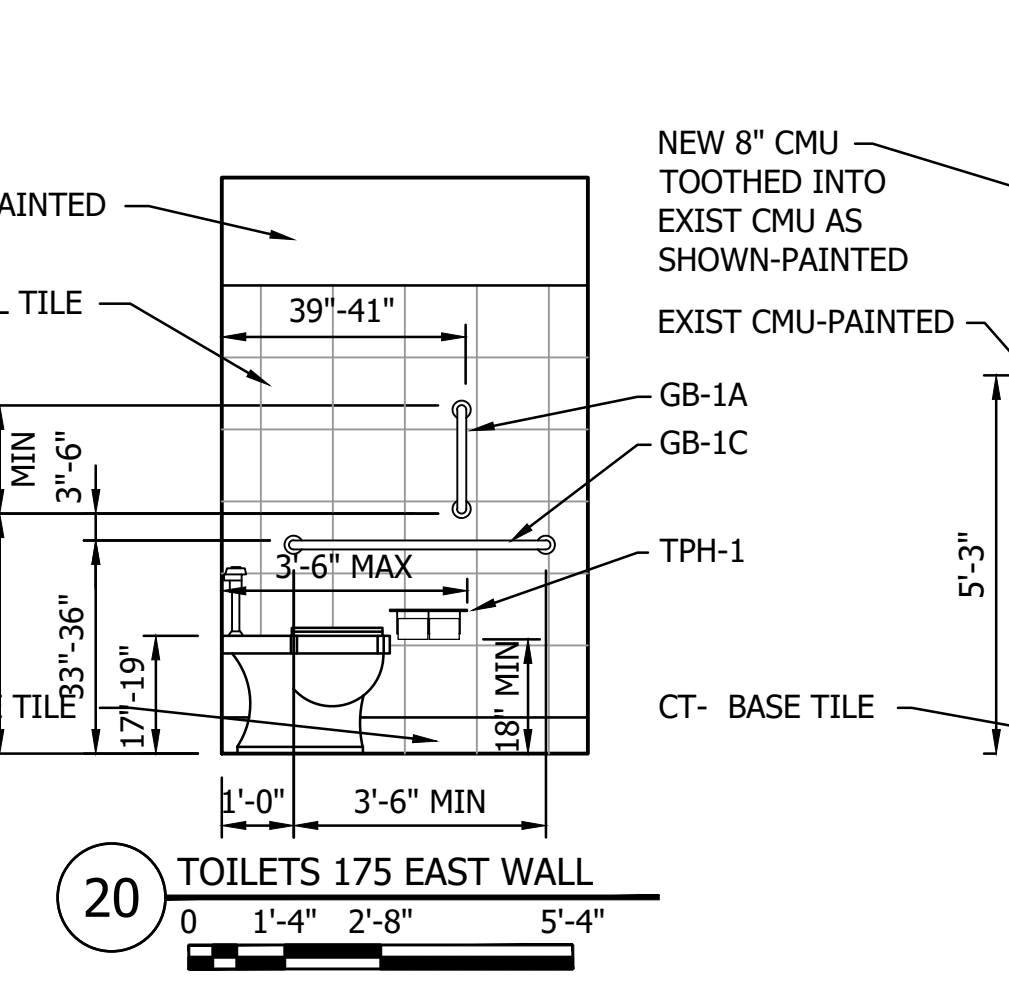
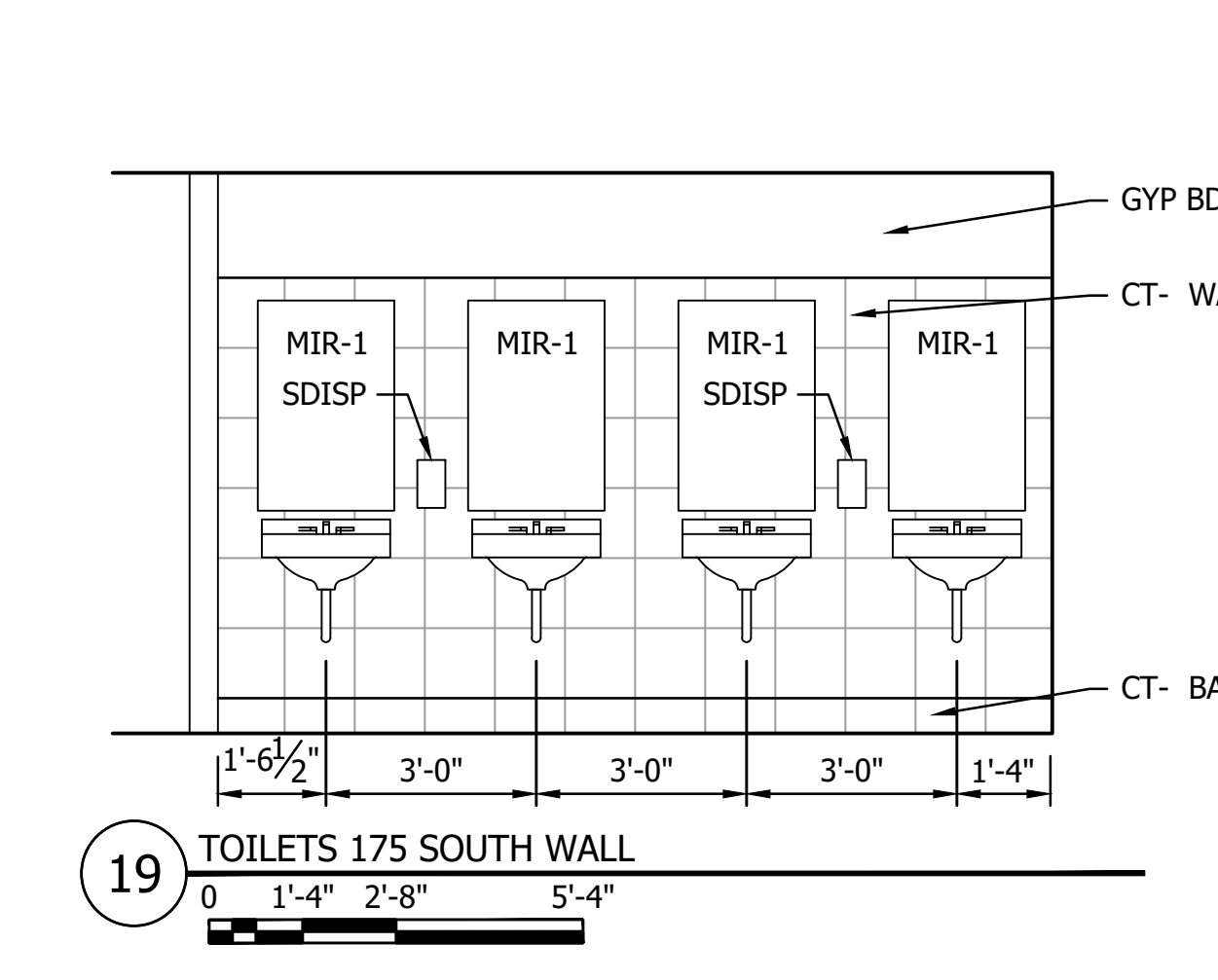
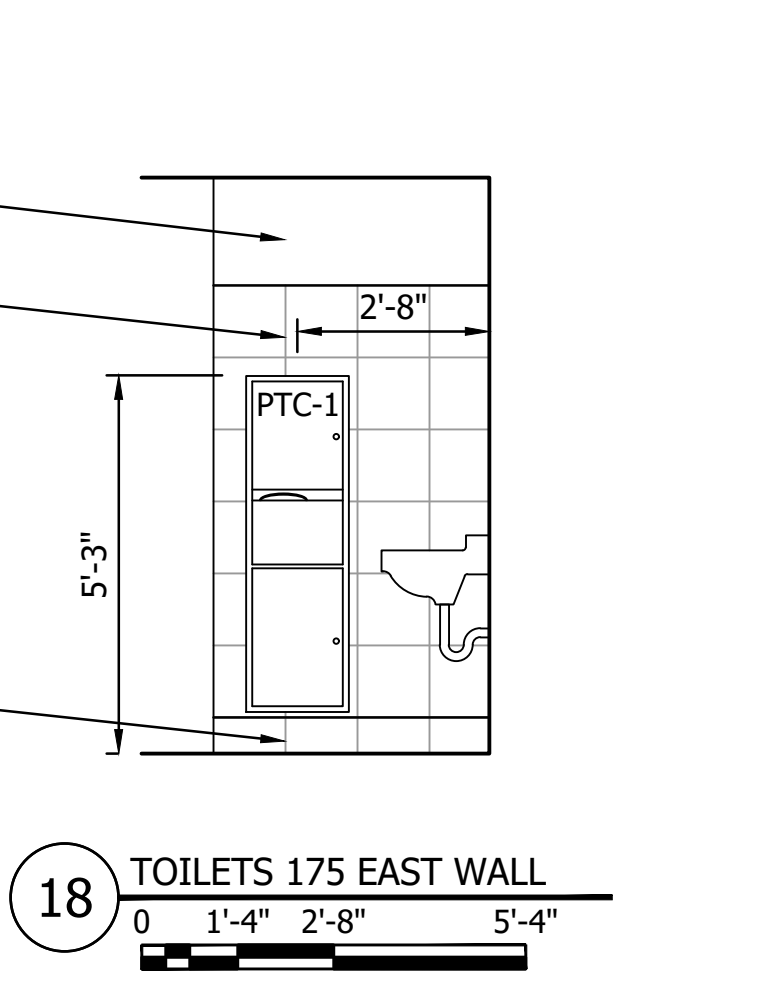
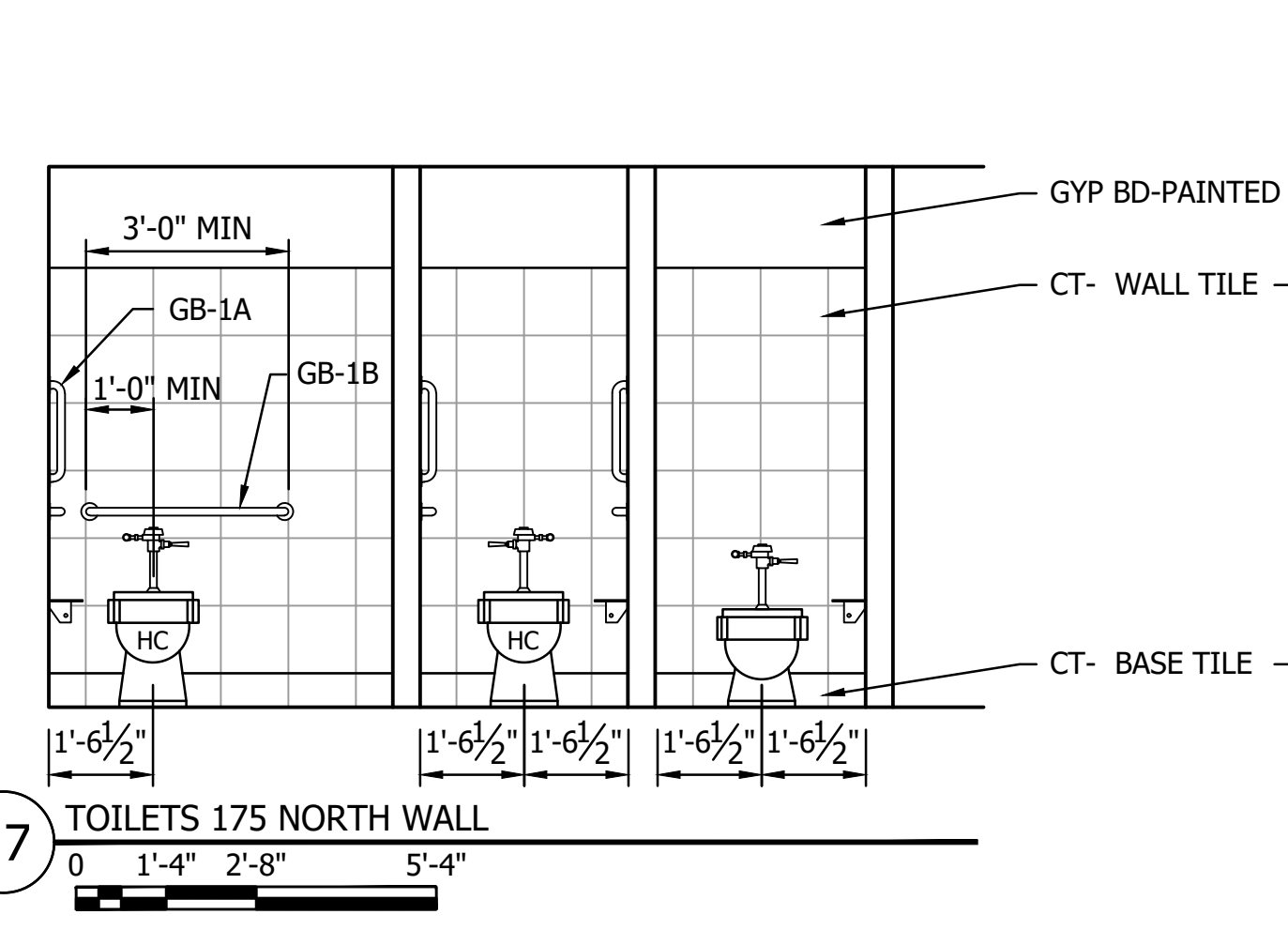
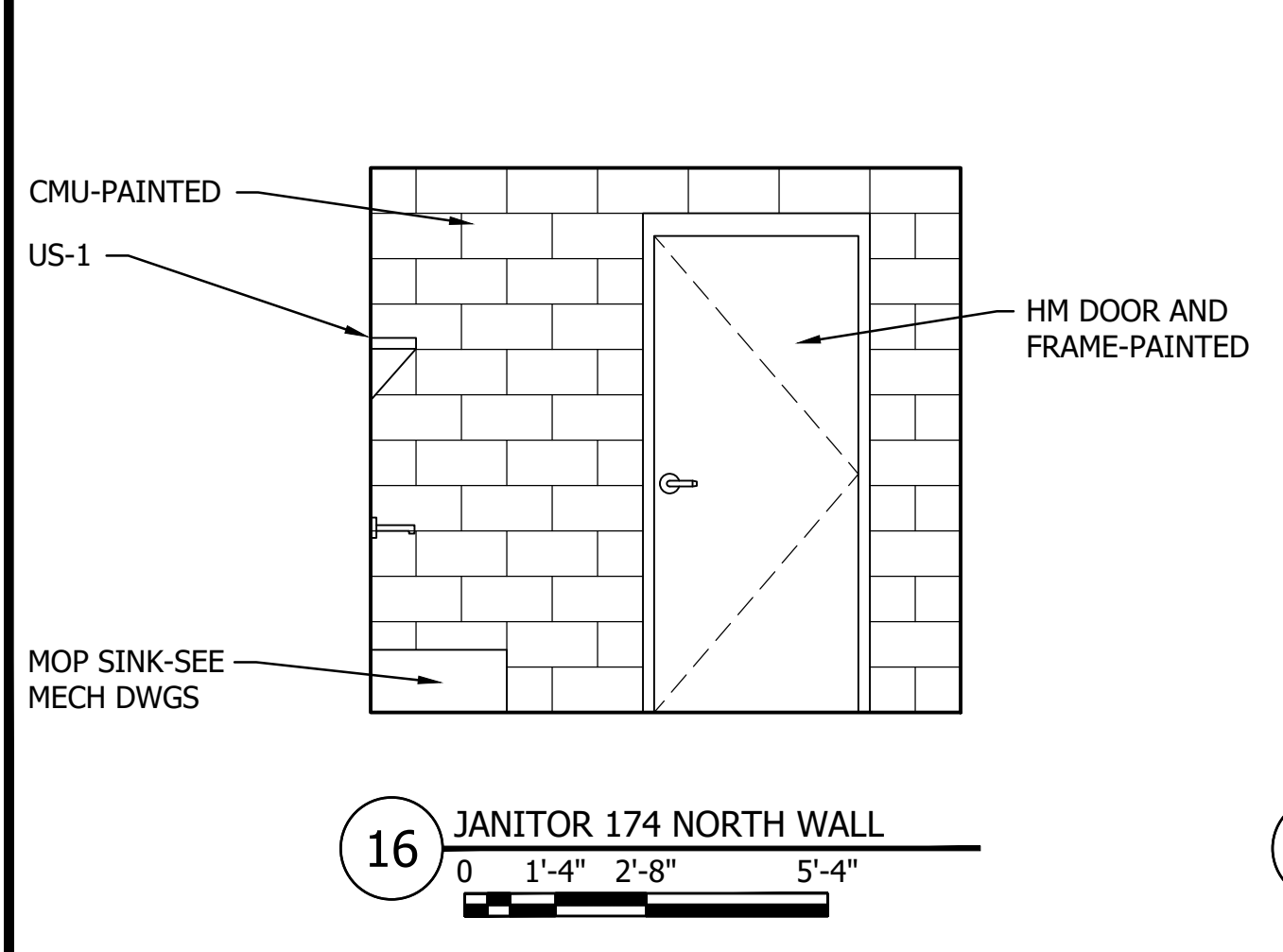
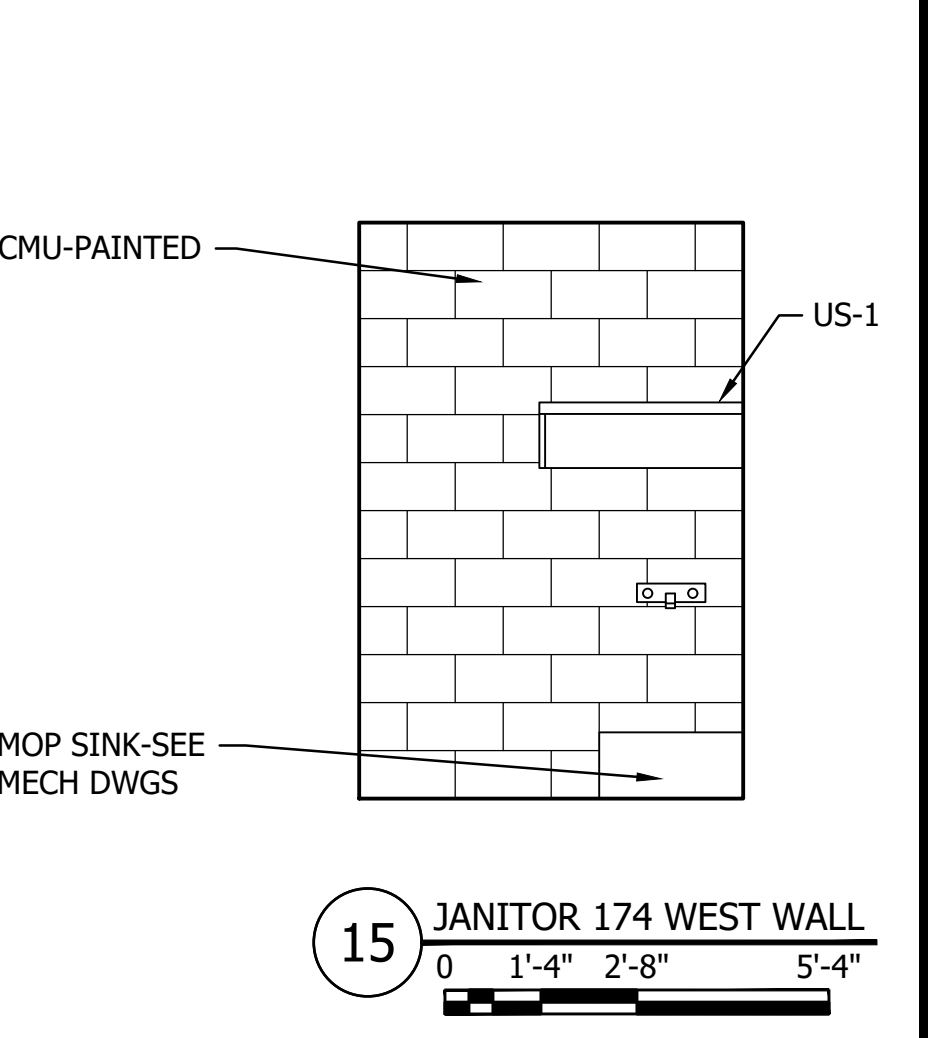
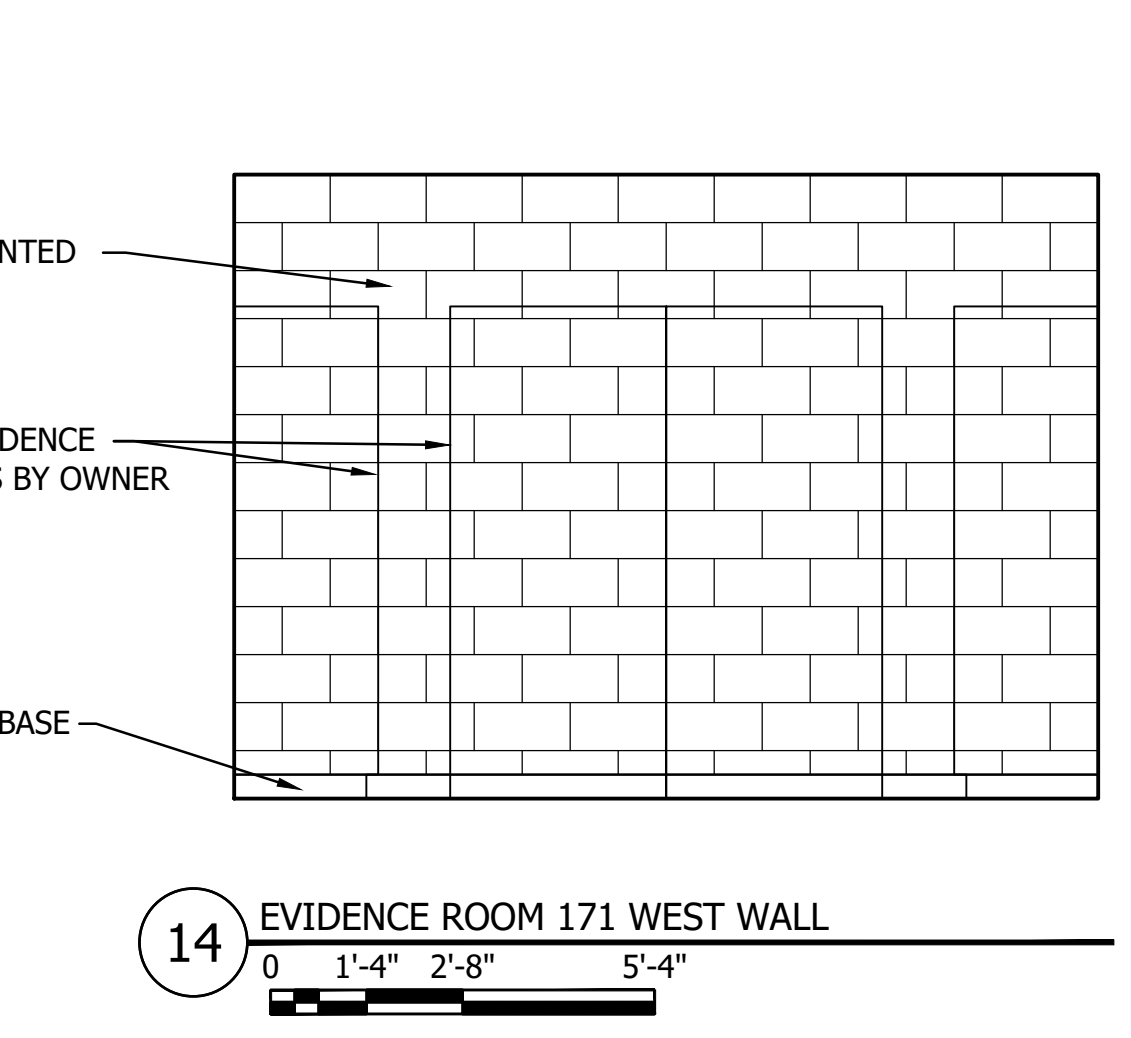
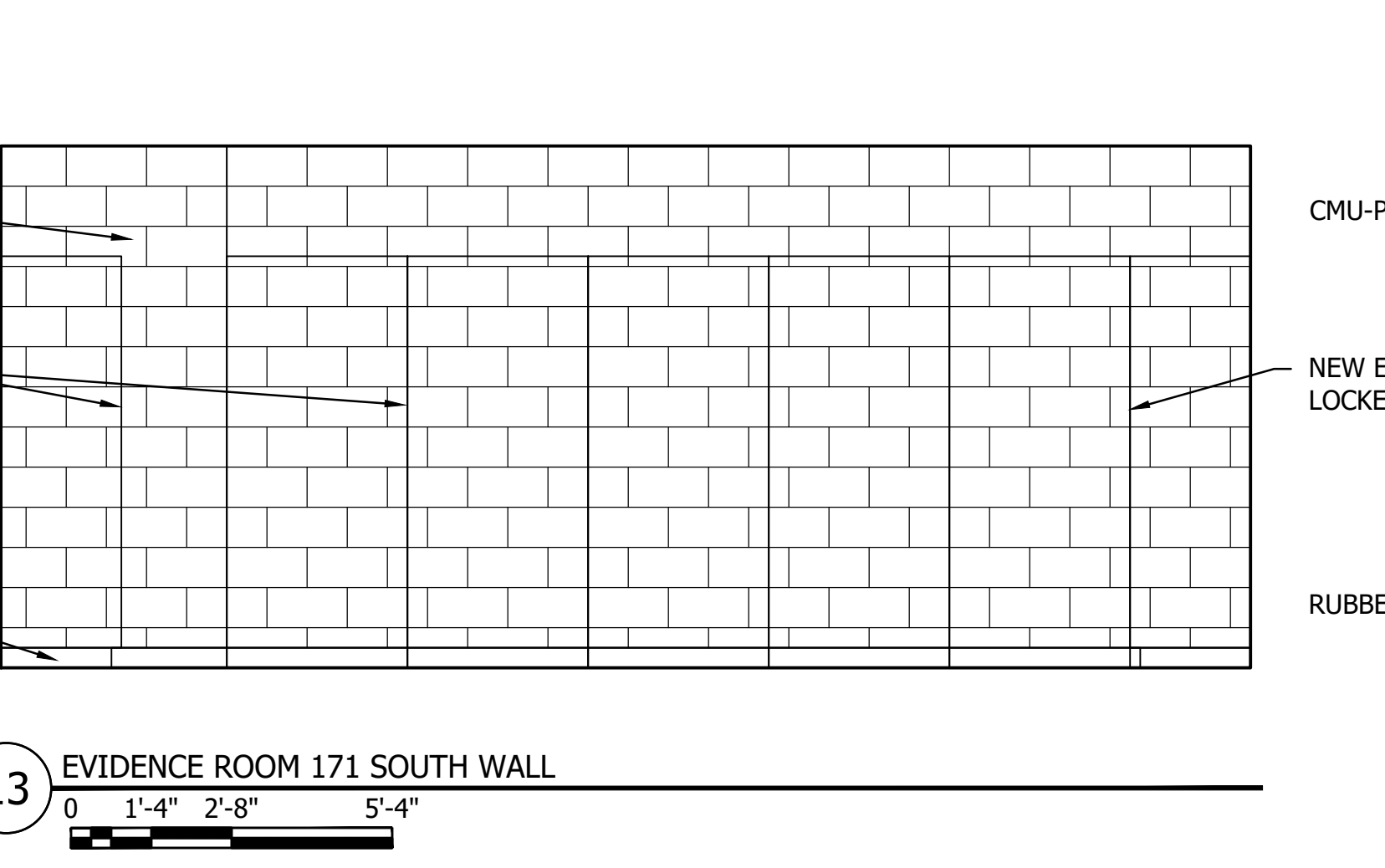
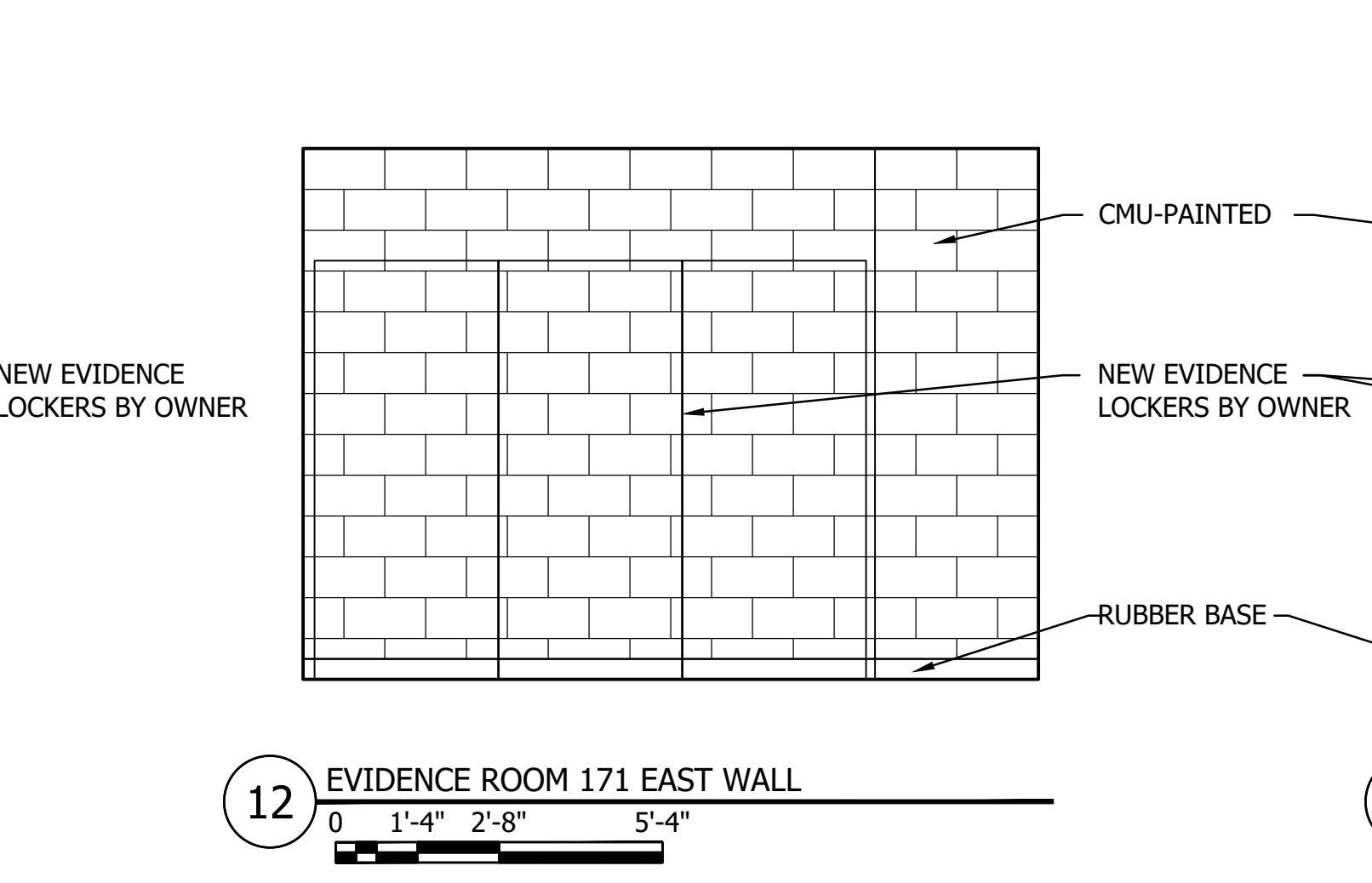
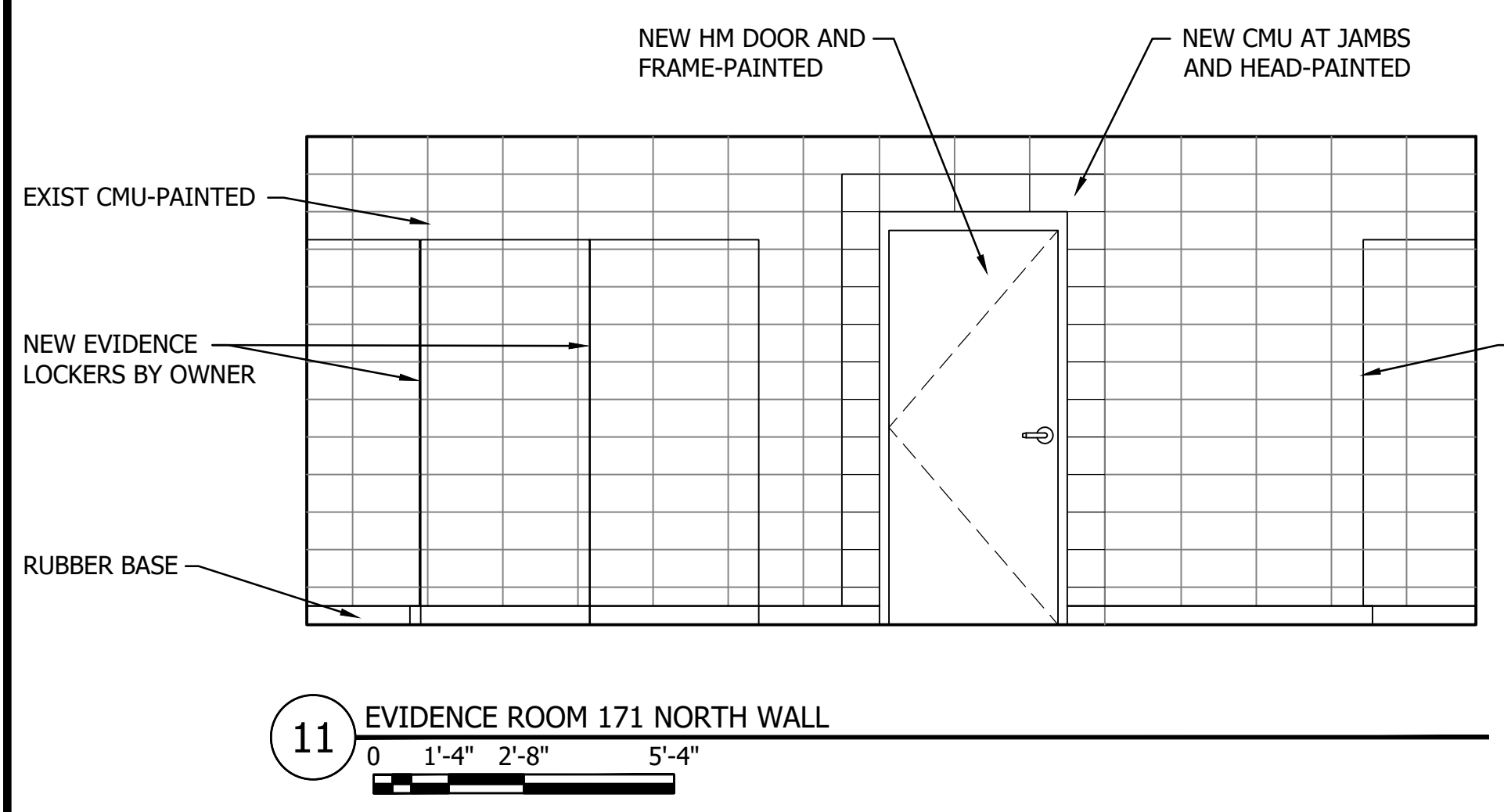
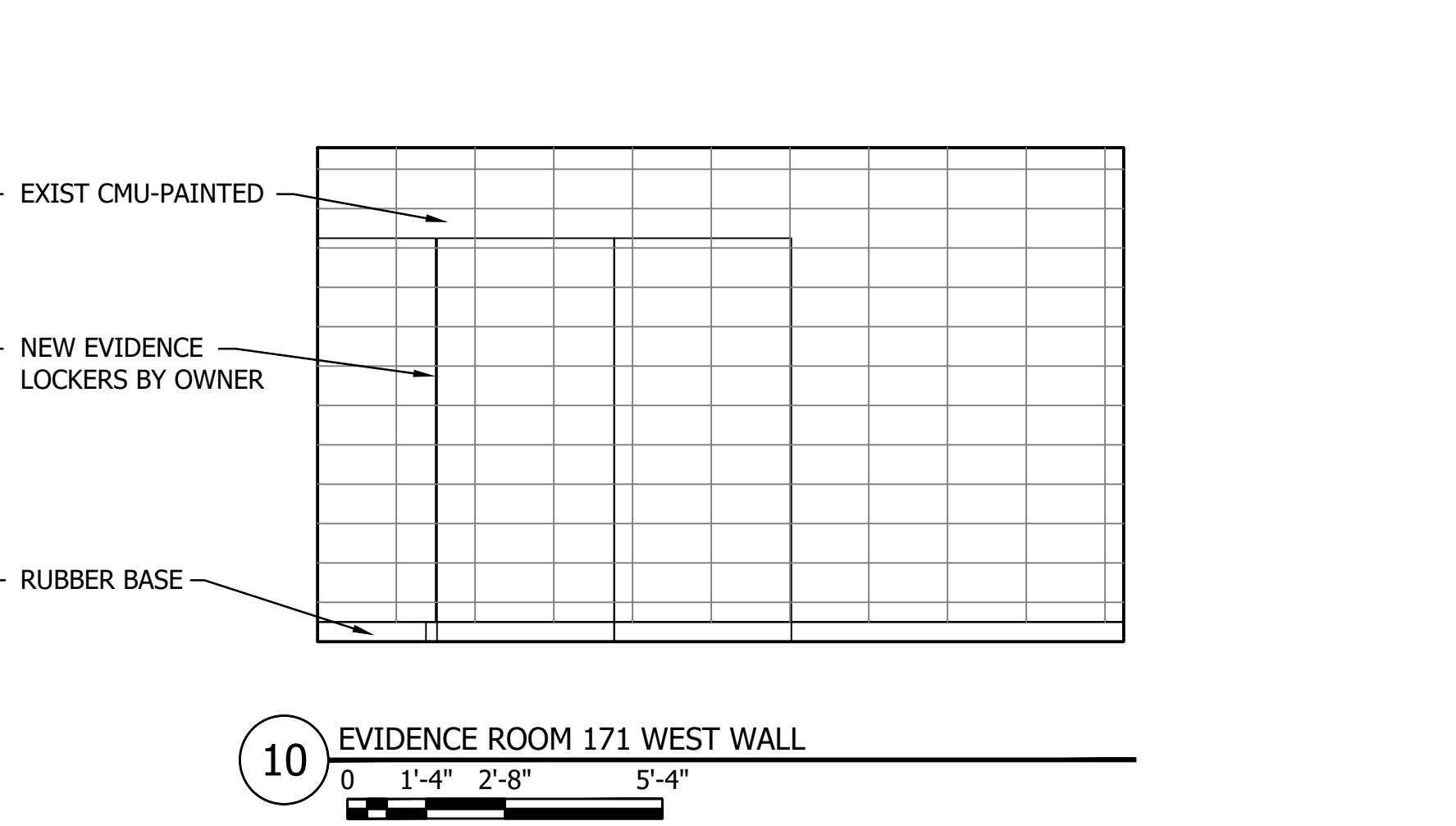
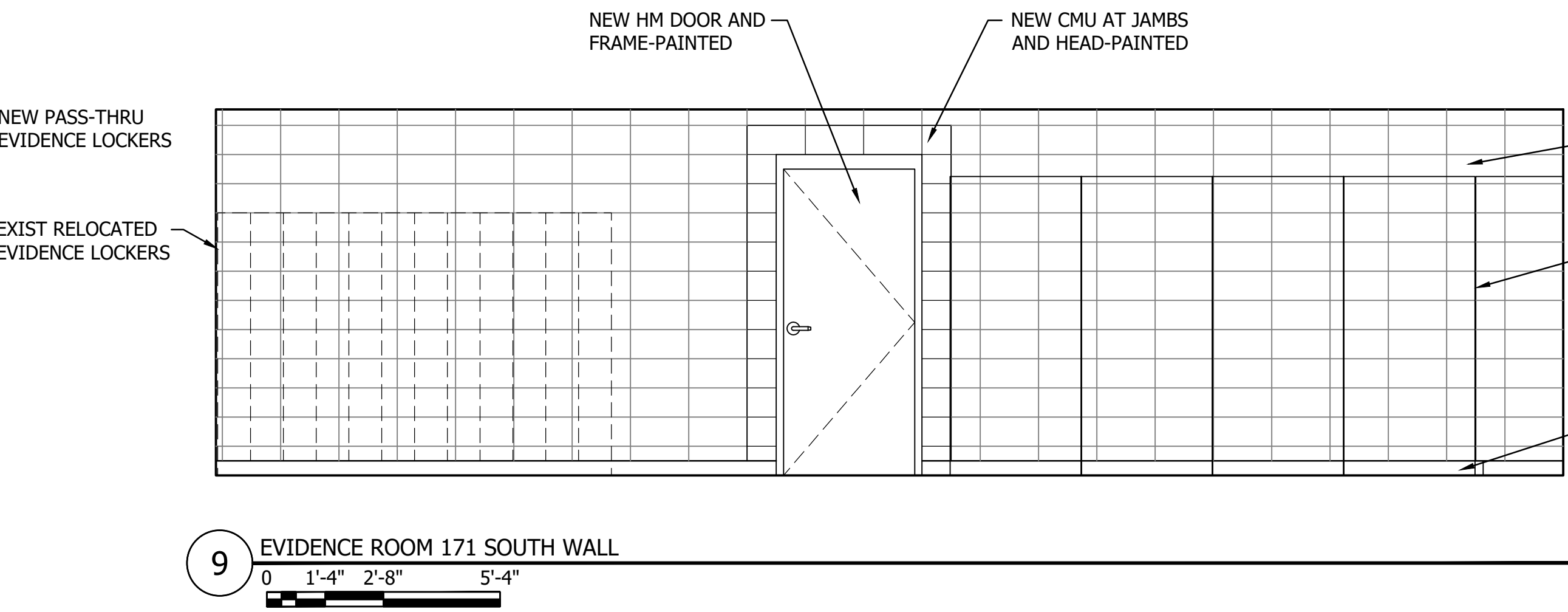
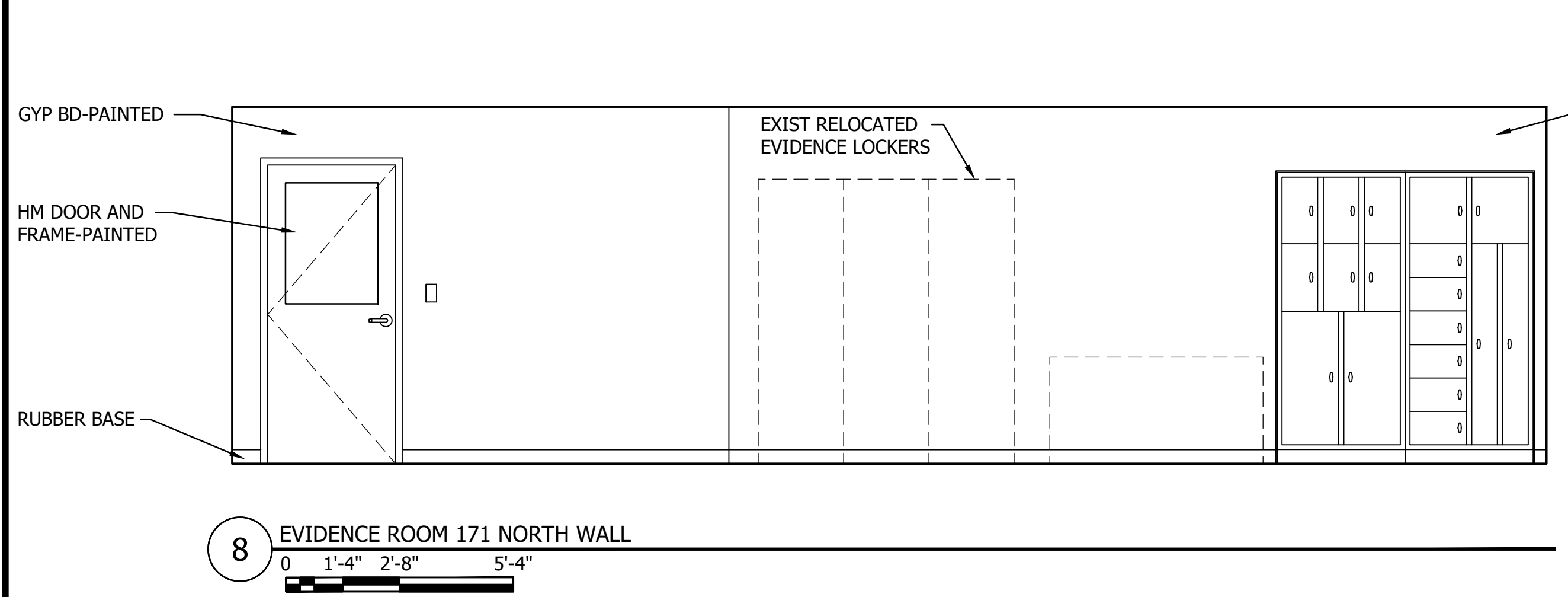
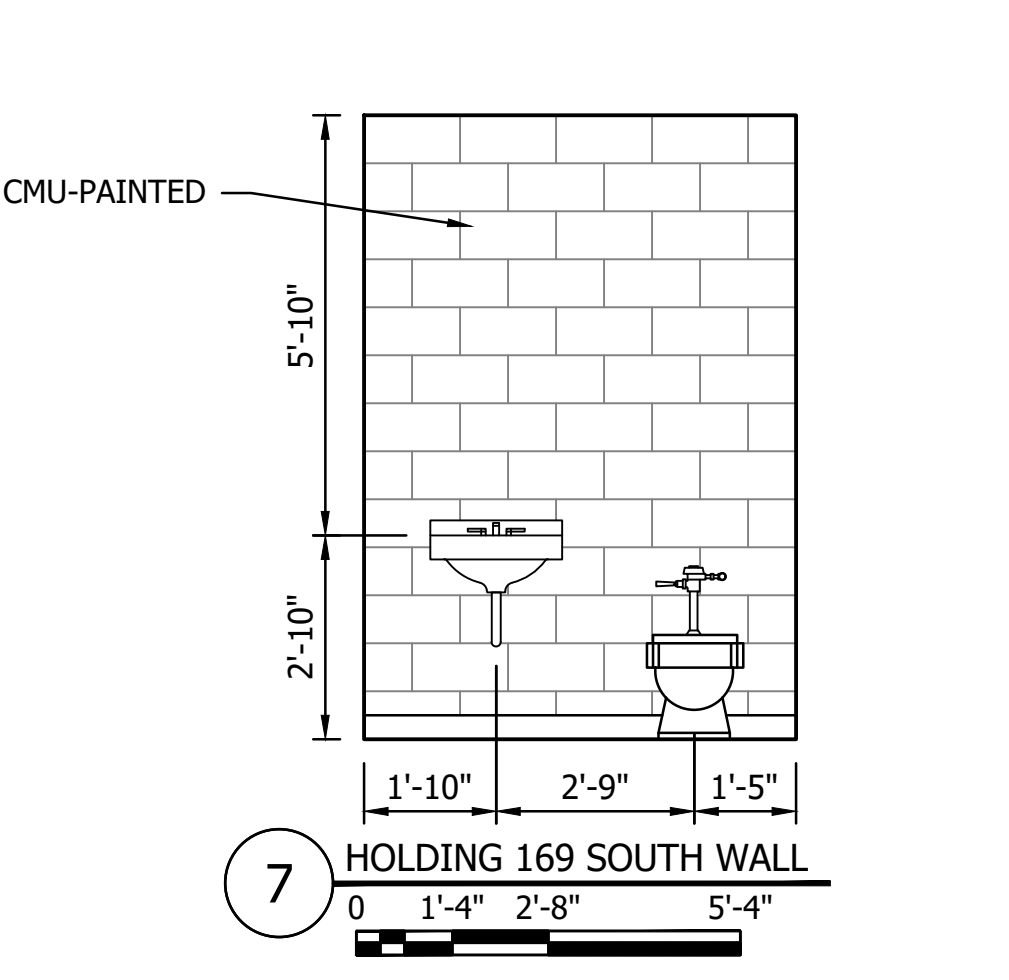
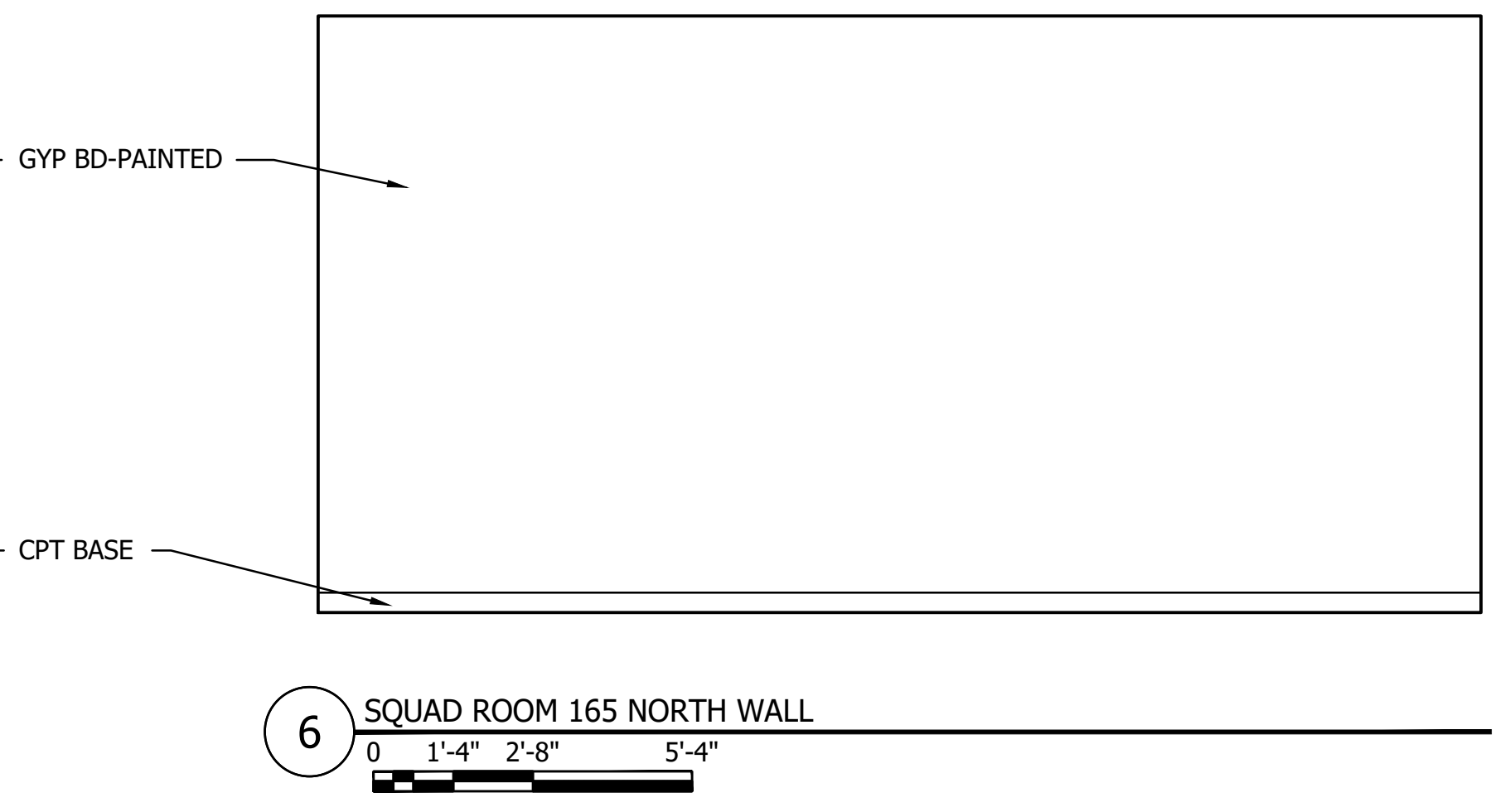
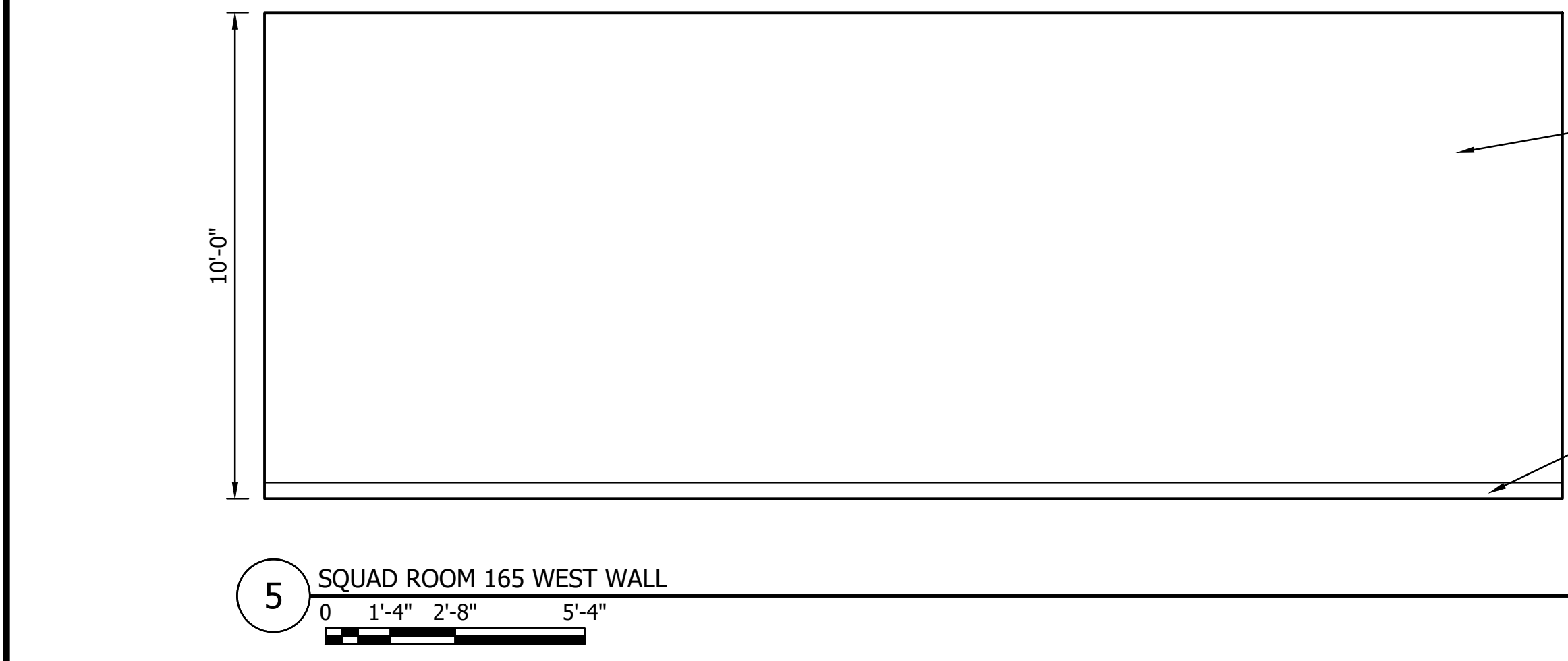
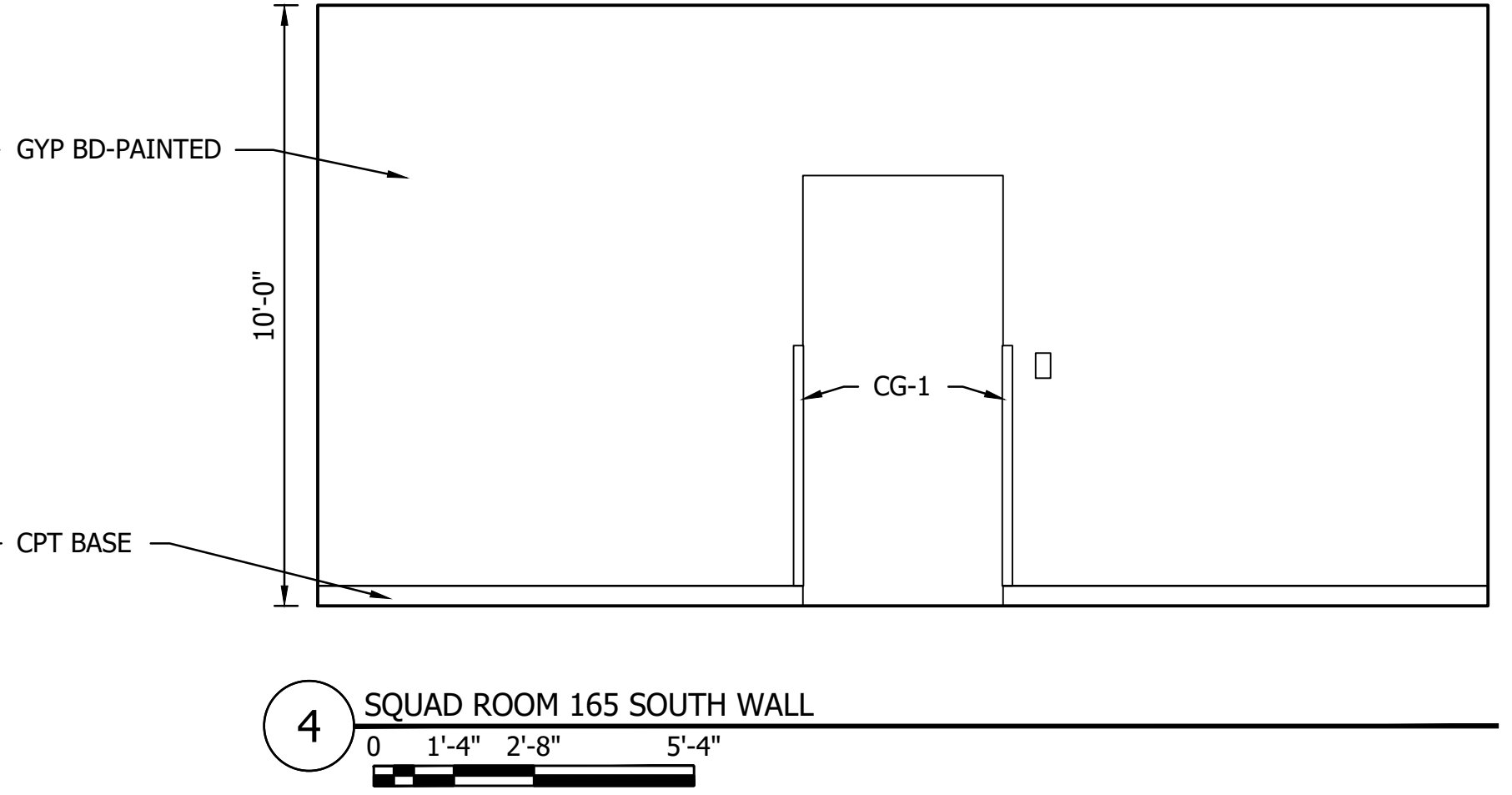
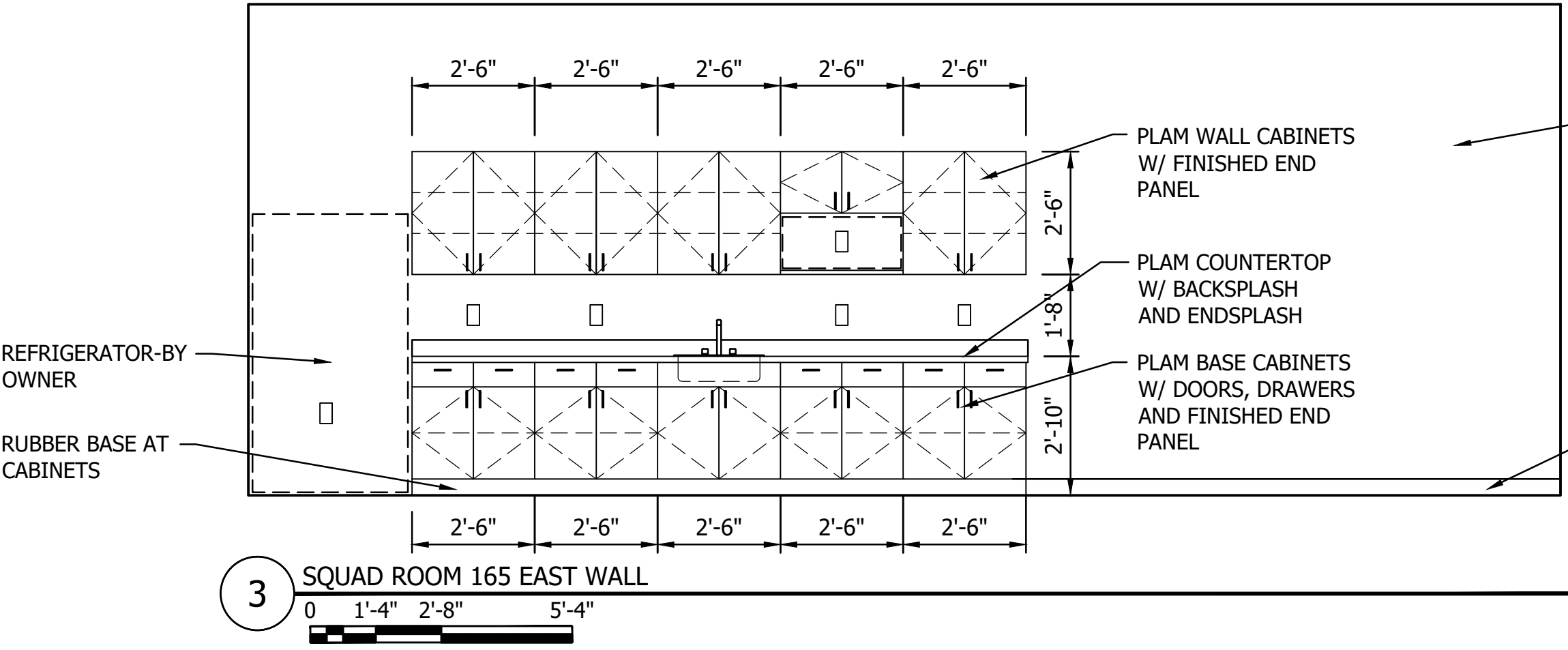
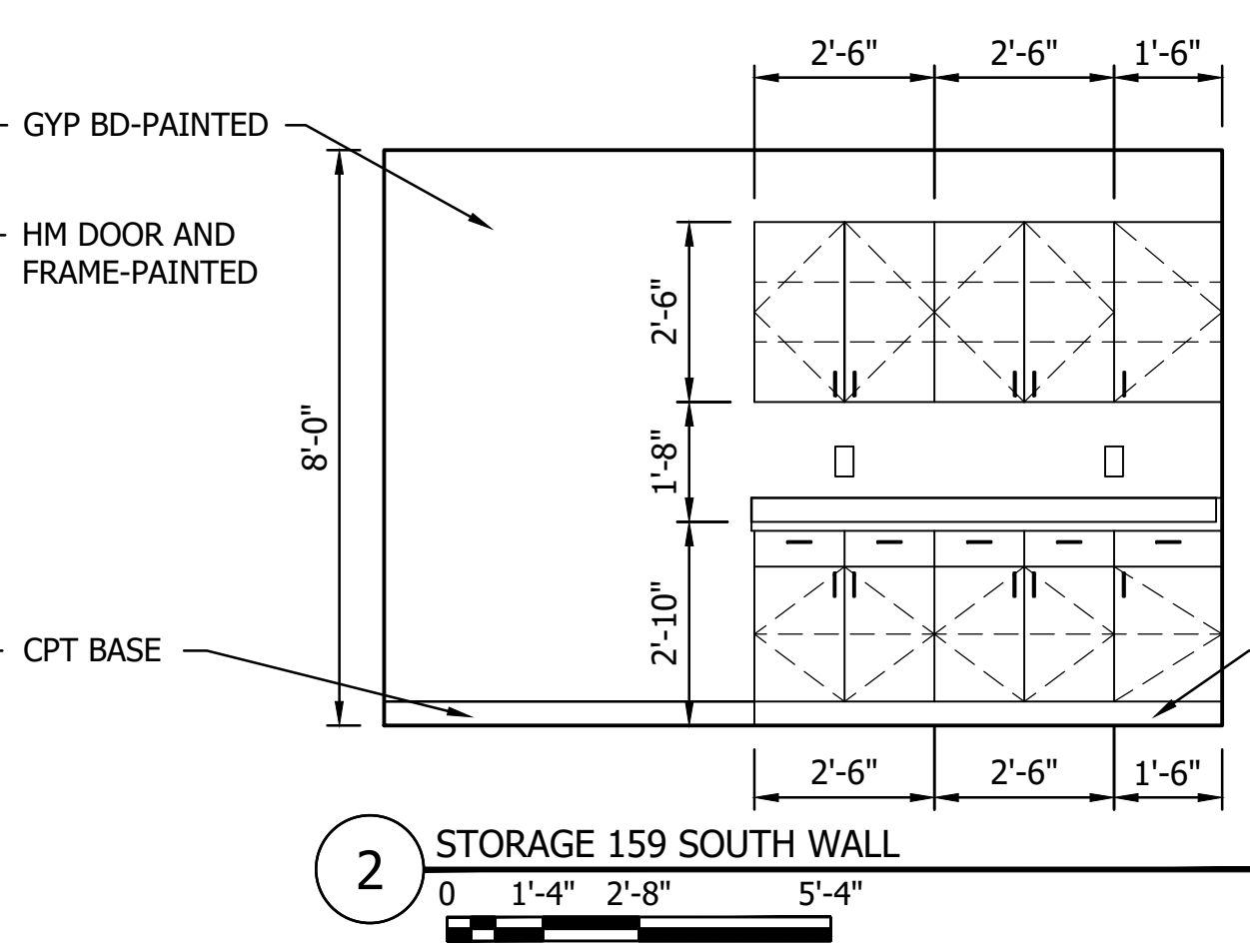
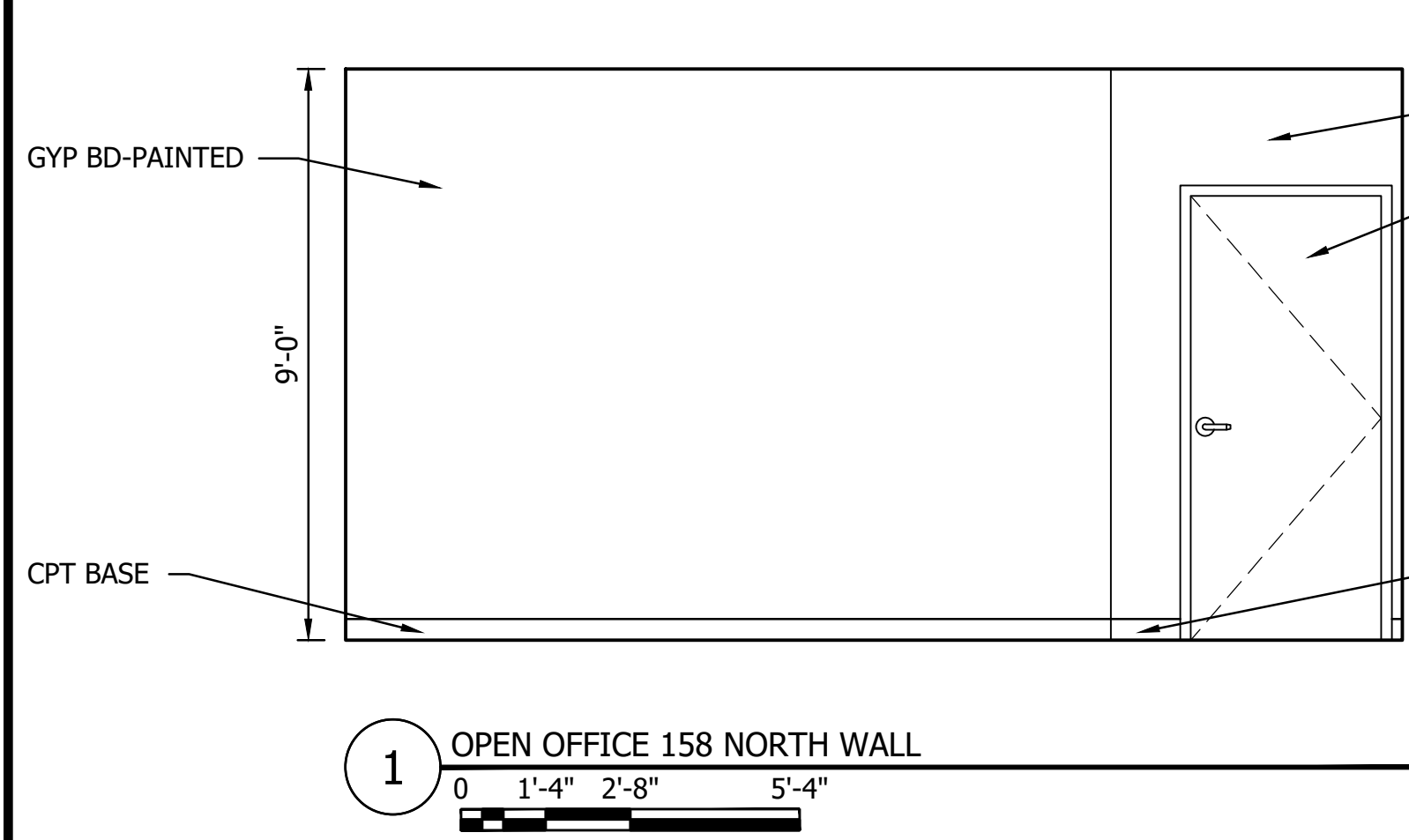


THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



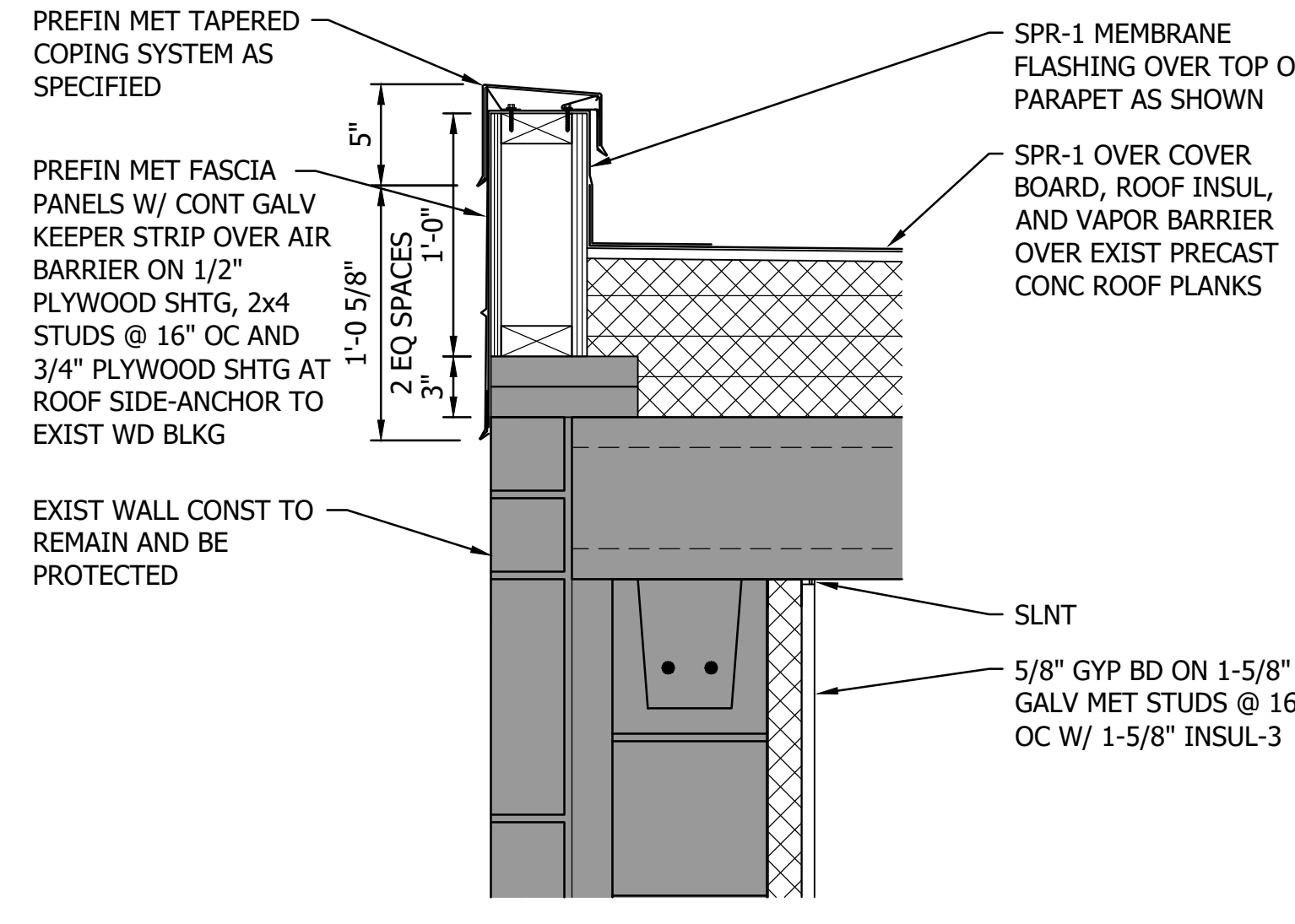
NO.	REVISION	DATE

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WALLS, DOORS, WINDOWS, AND OTHER FEATURES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WALLS, DOORS, WINDOWS, AND OTHER FEATURES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WALLS, DOORS, WINDOWS, AND OTHER FEATURES.

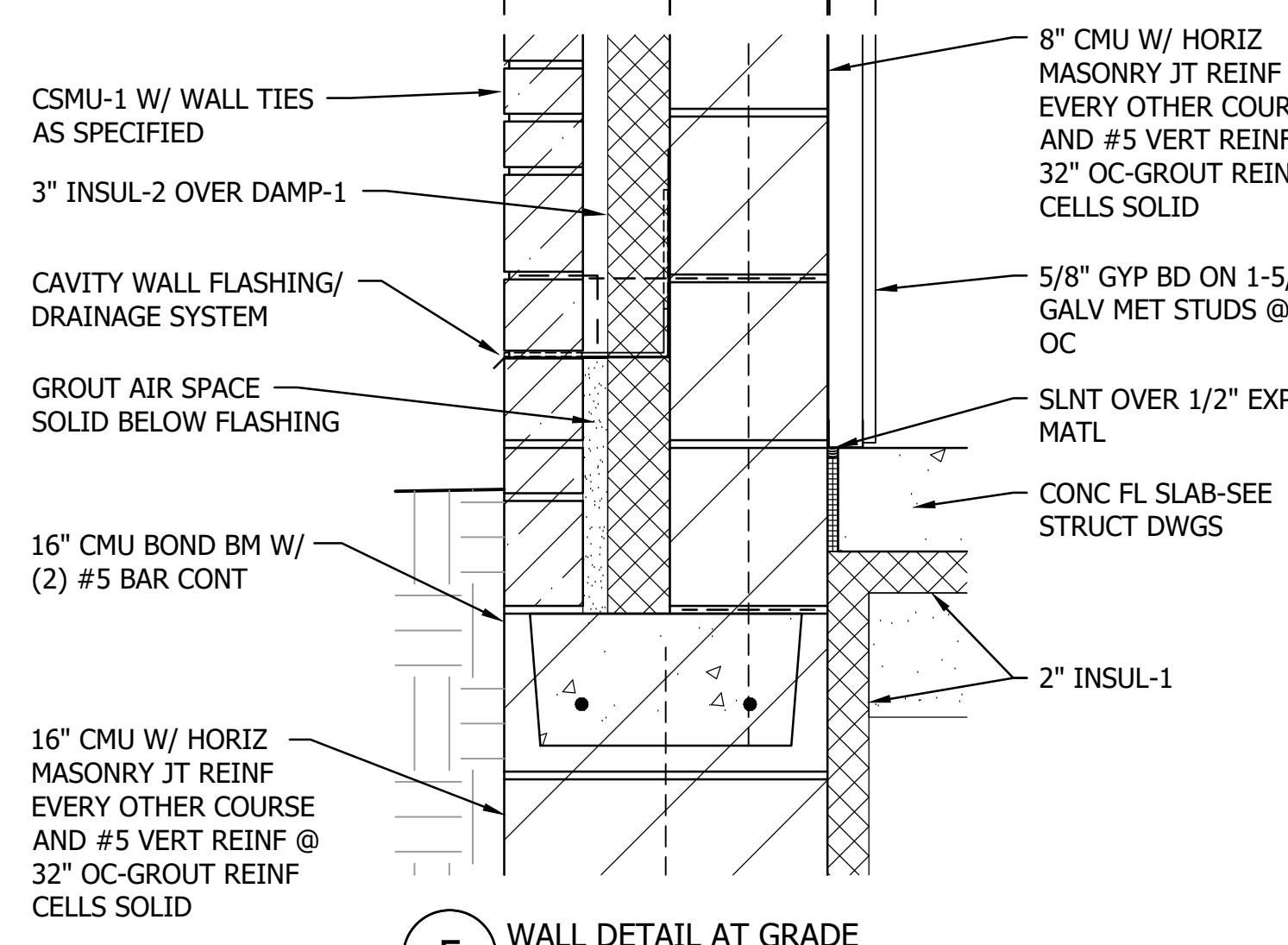




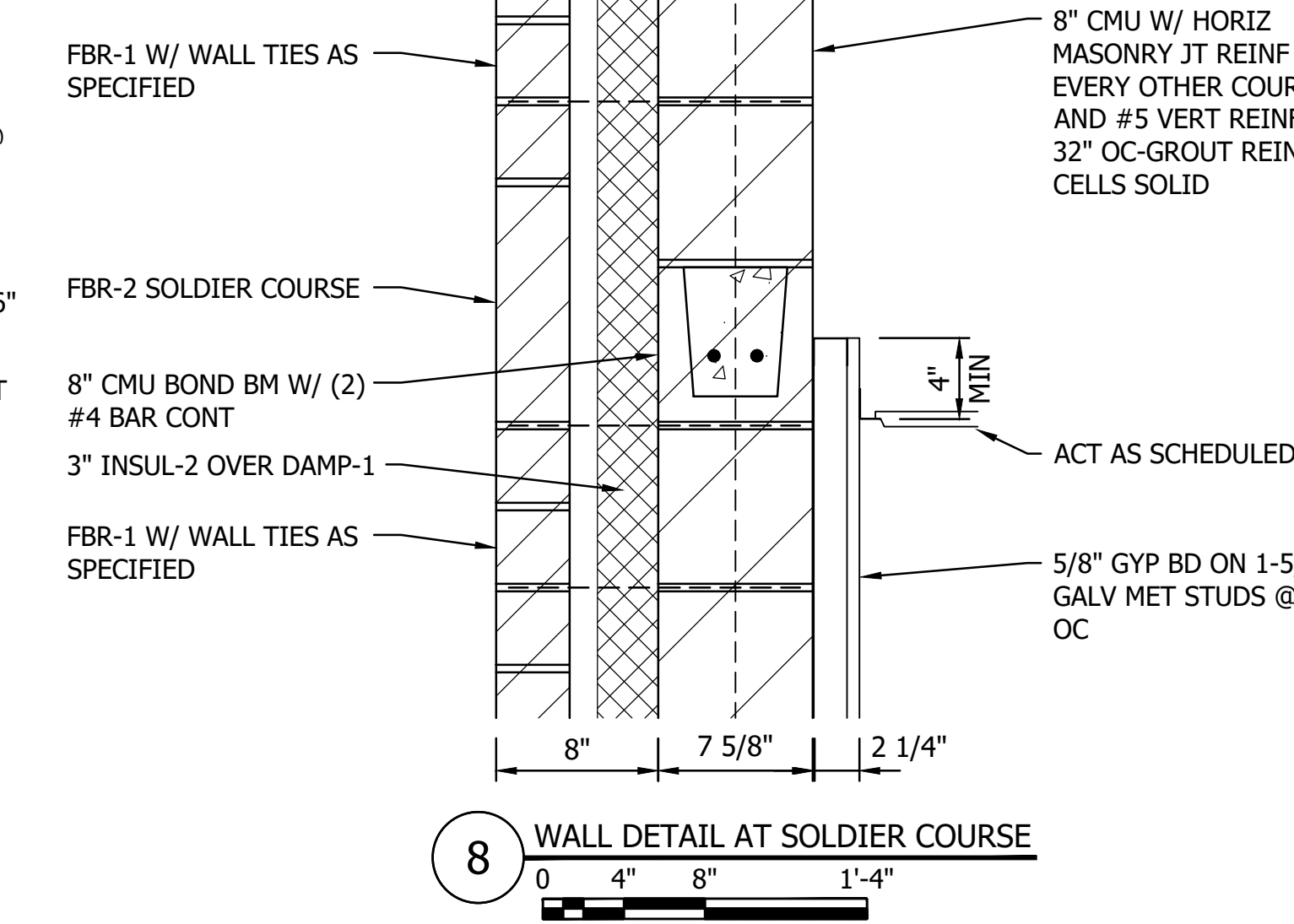
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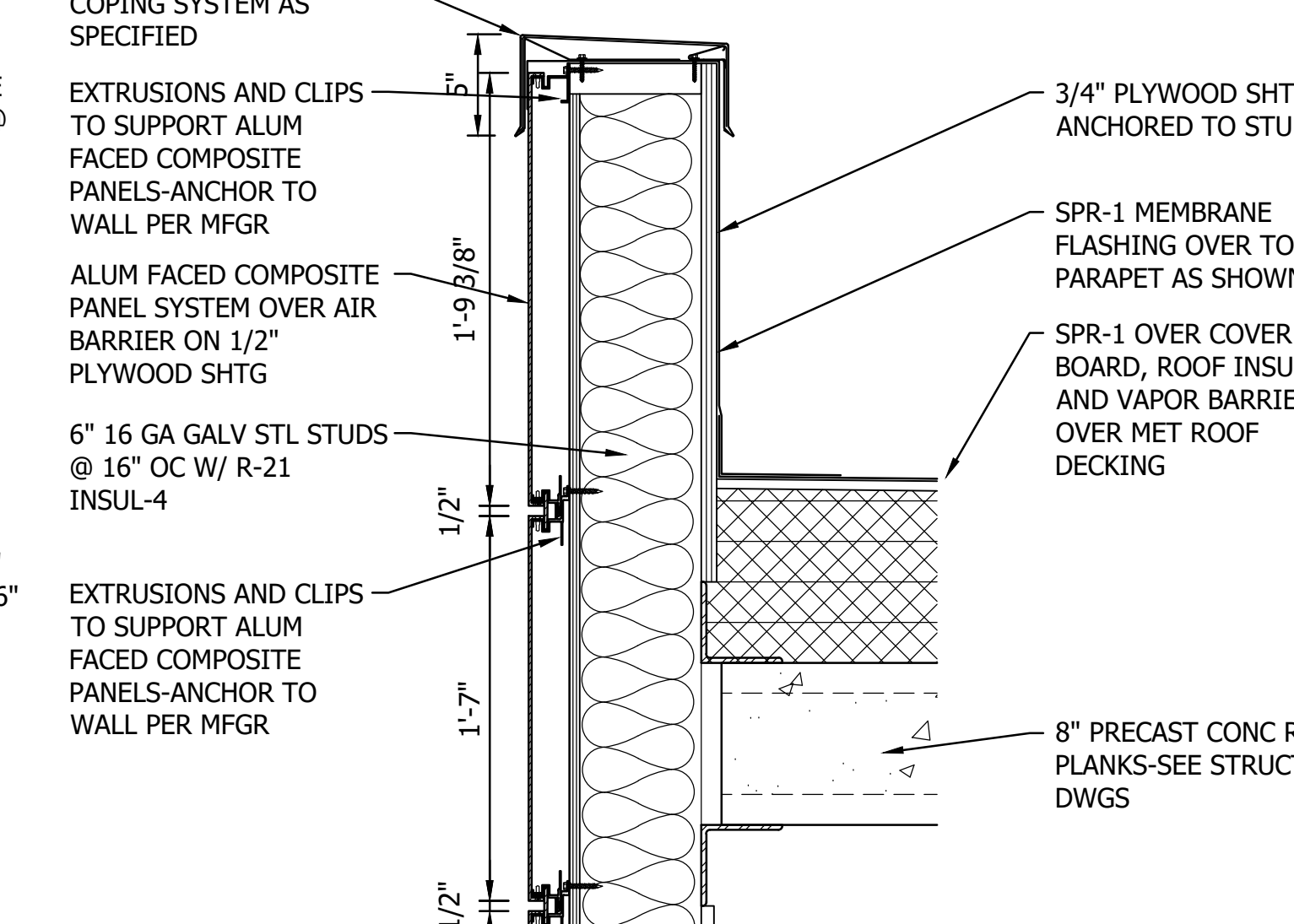
1 ROOF EDGE DETAIL  
0 4" 8" 1'-4"



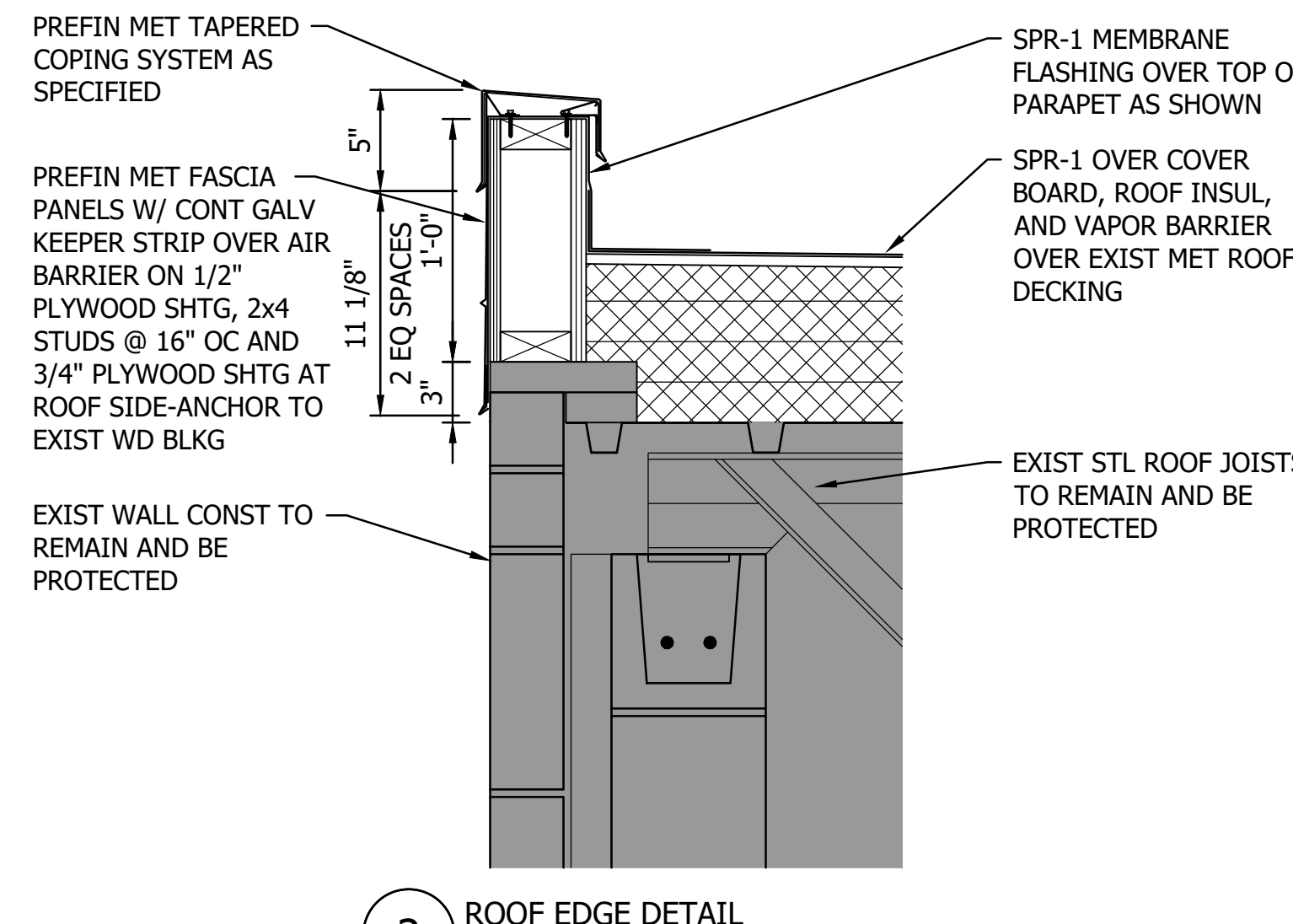
5 WALL DETAIL AT GRADE  
0 4" 8" 1'-4"



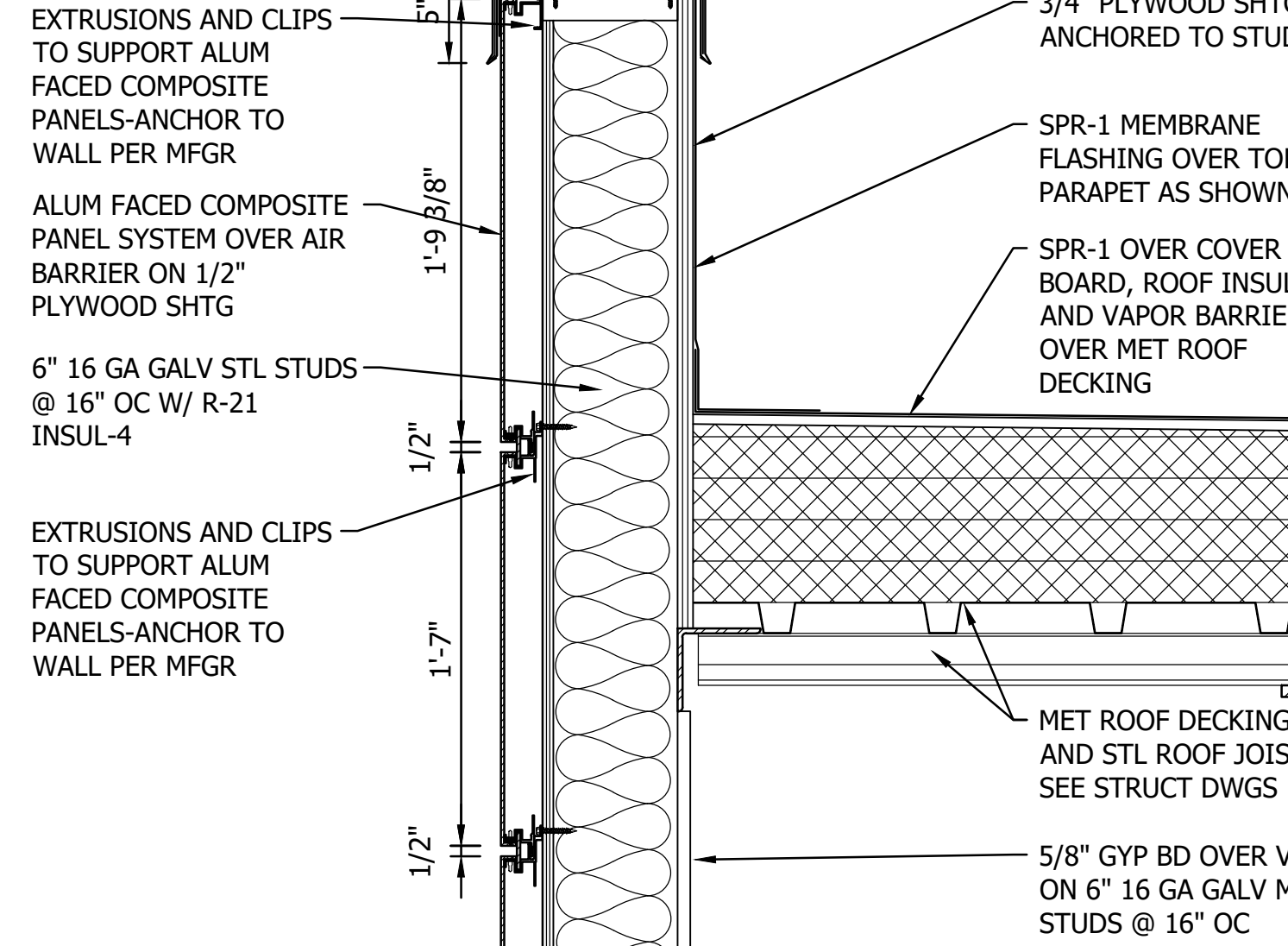
8 WALL DETAIL AT SOLDIER COURSE  
0 4" 8" 1'-4"



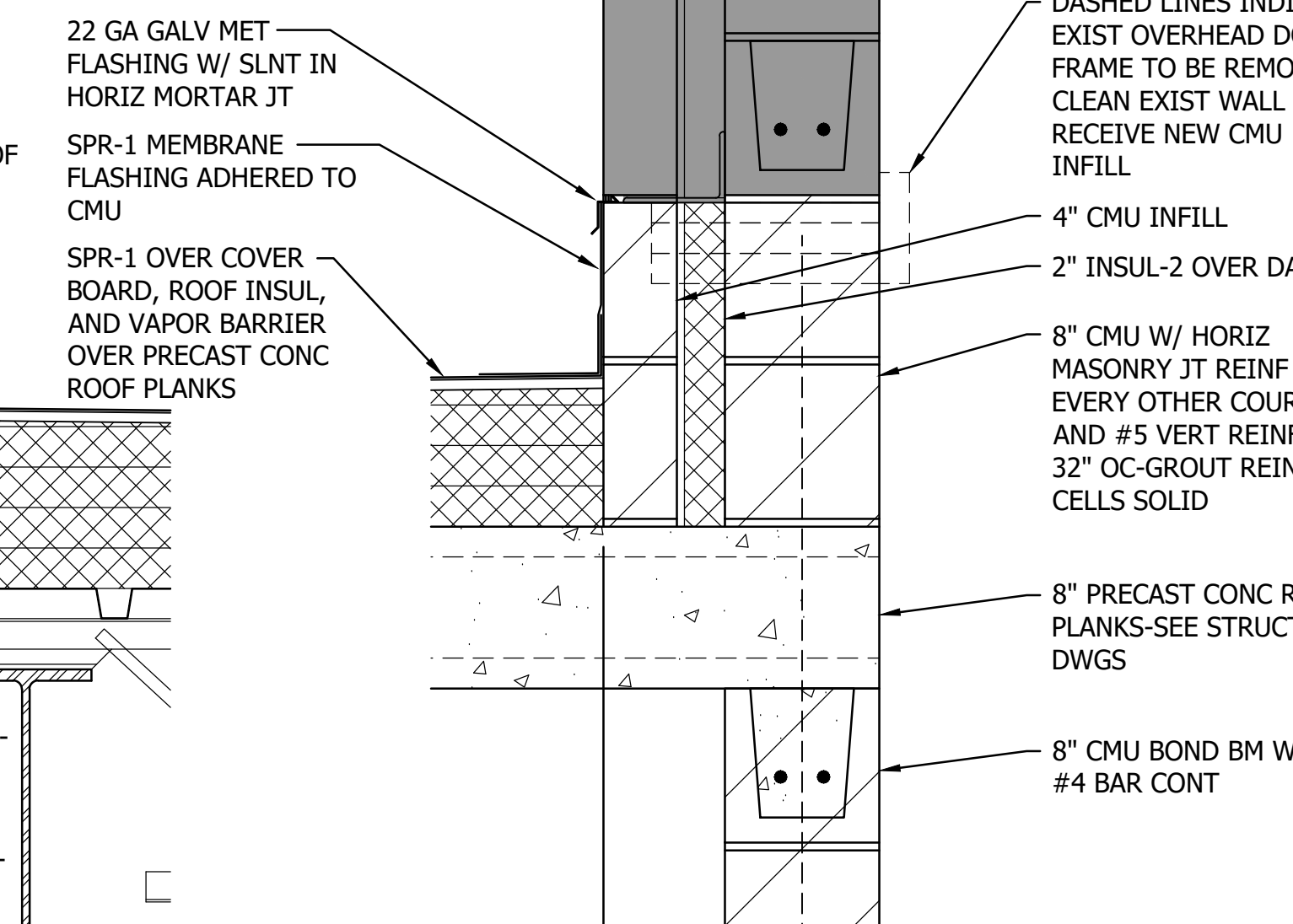
11 WALL DETAIL AT ROOF  
0 4" 8" 1'-4"



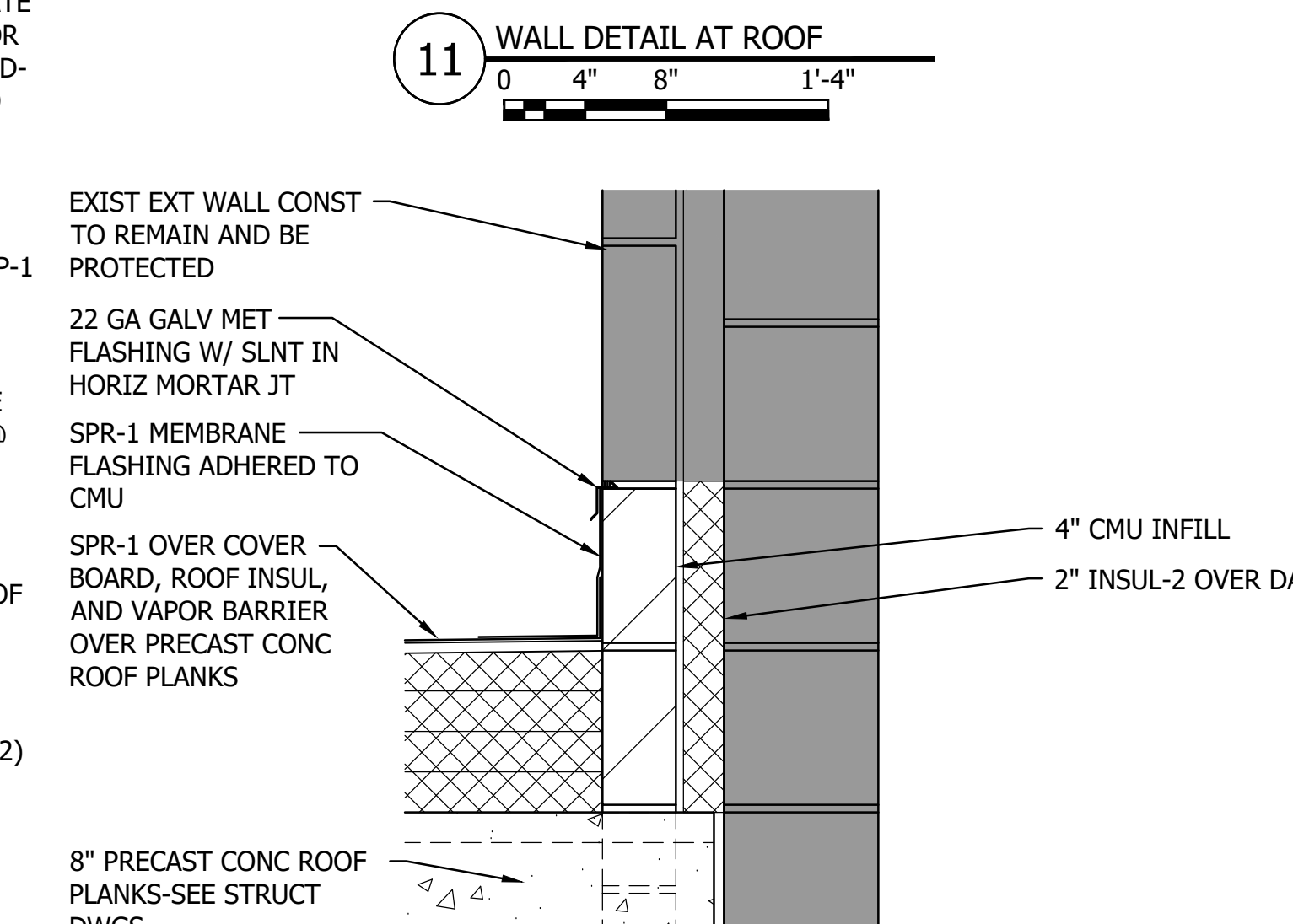
2 ROOF EDGE DETAIL  
0 4" 8" 1'-4"



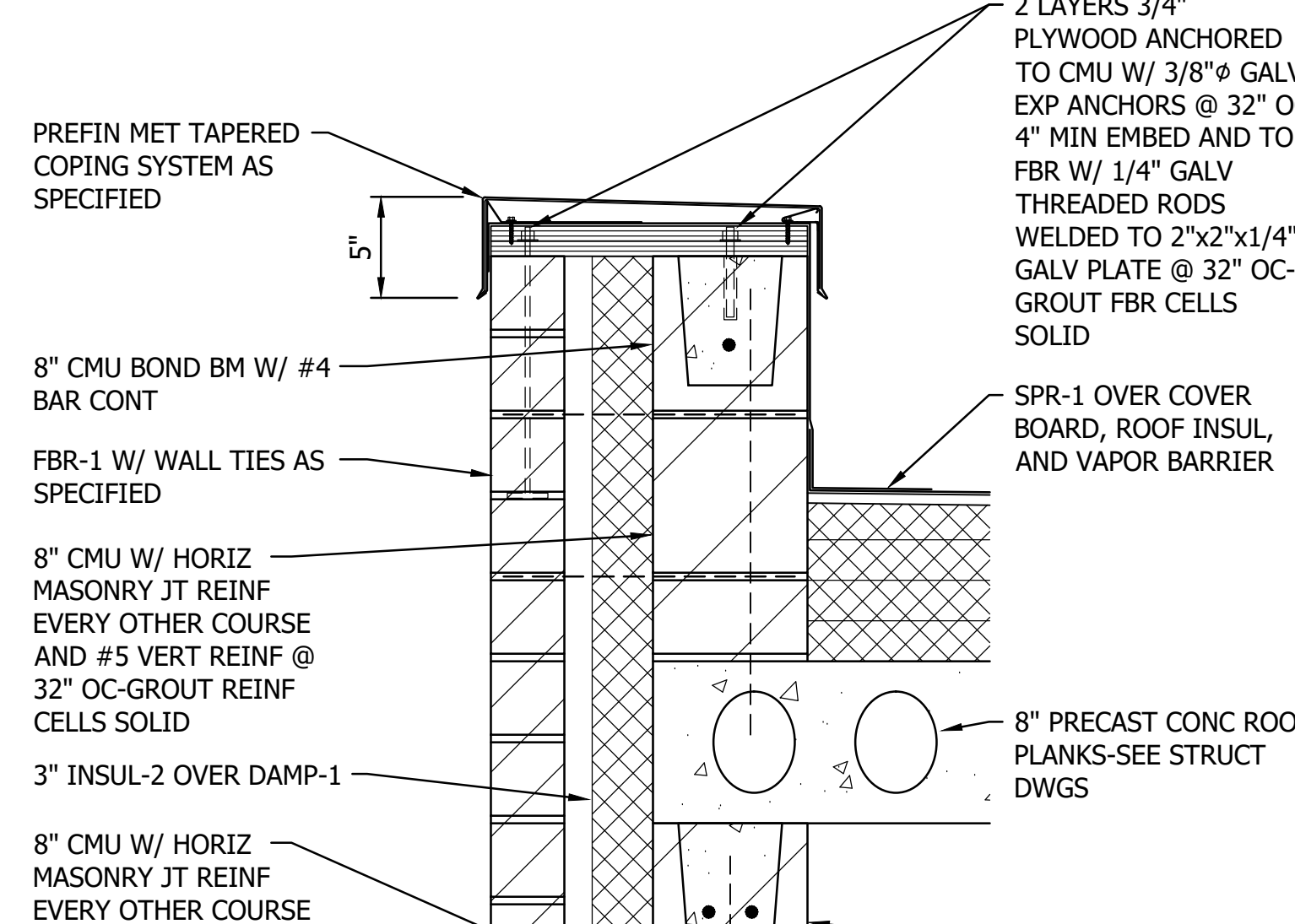
6 LINK WALL DETAIL AT ROOF  
0 4" 8" 1'-4"



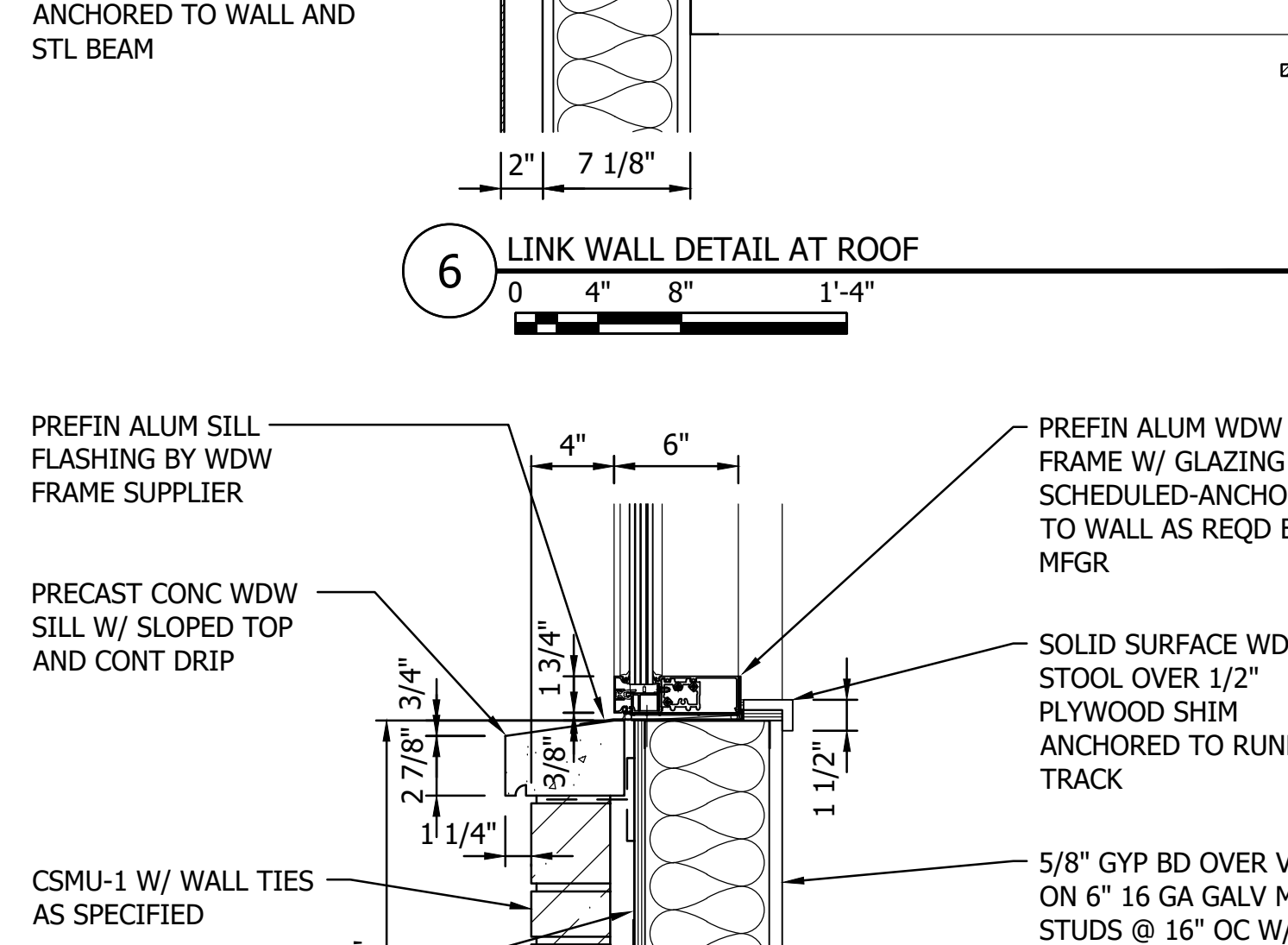
9 WALL INFILL DETAIL AT ROOF  
0 4" 8" 1'-4"



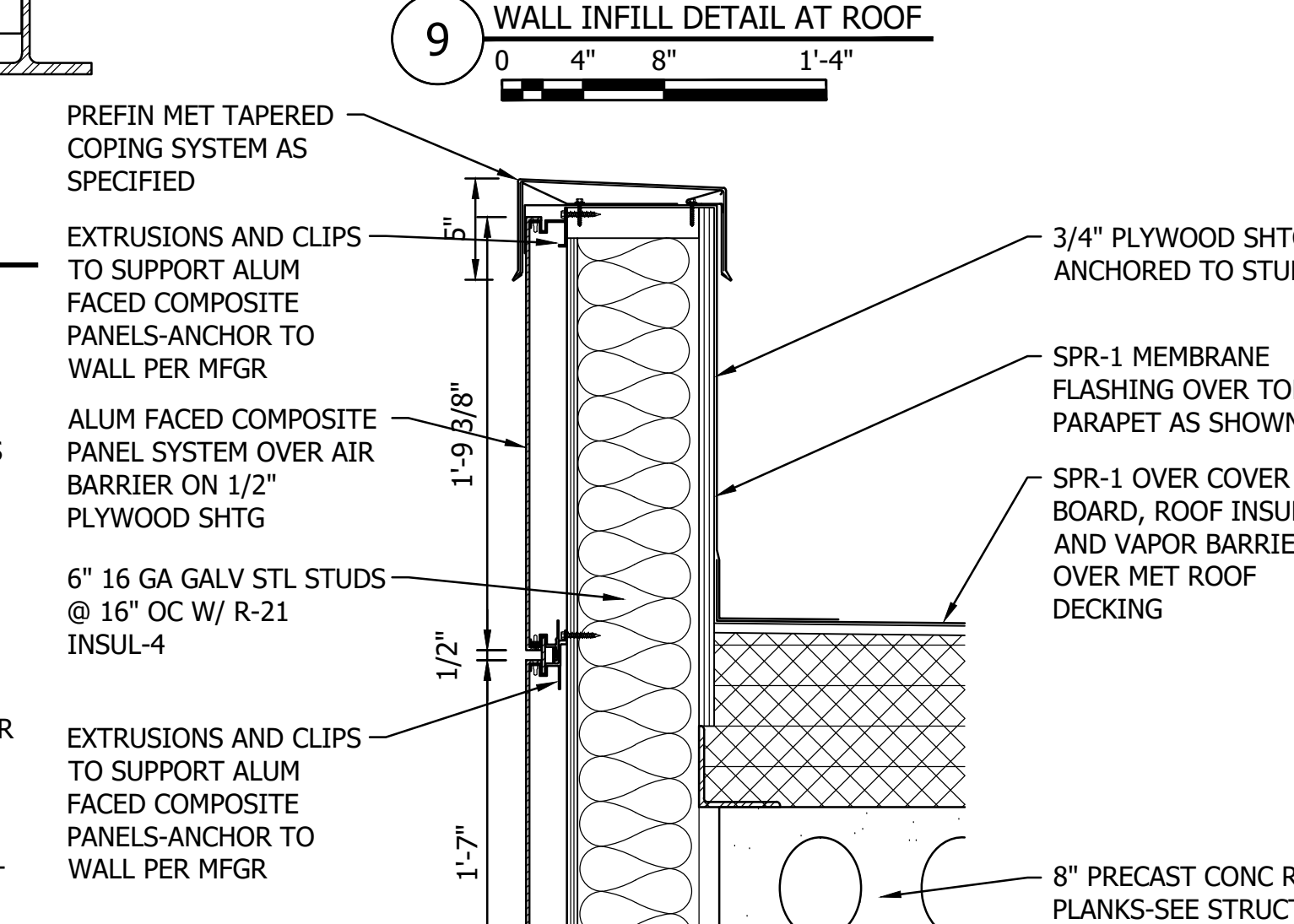
12 WALL DETAIL AT ROOF  
0 4" 8" 1'-4"



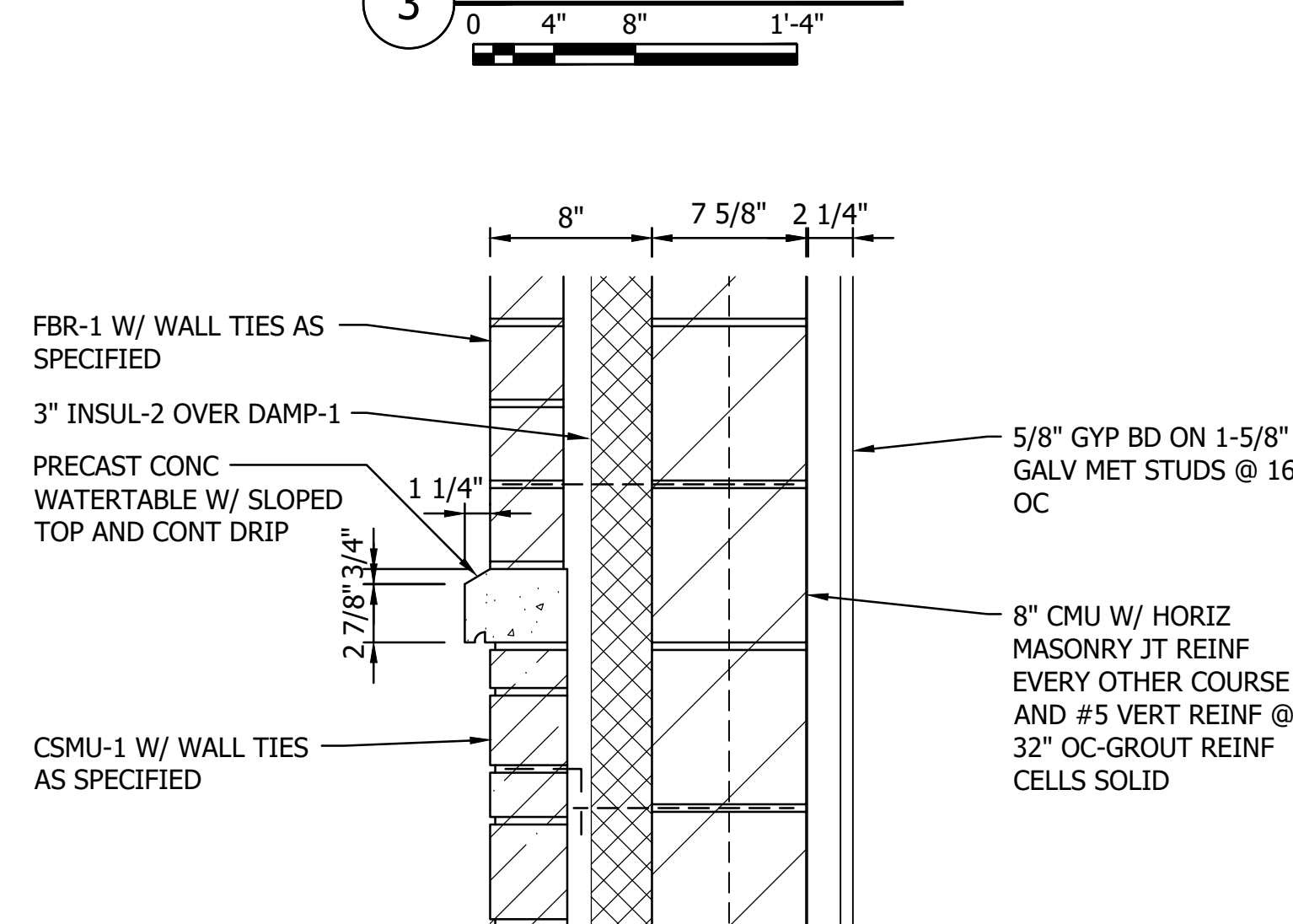
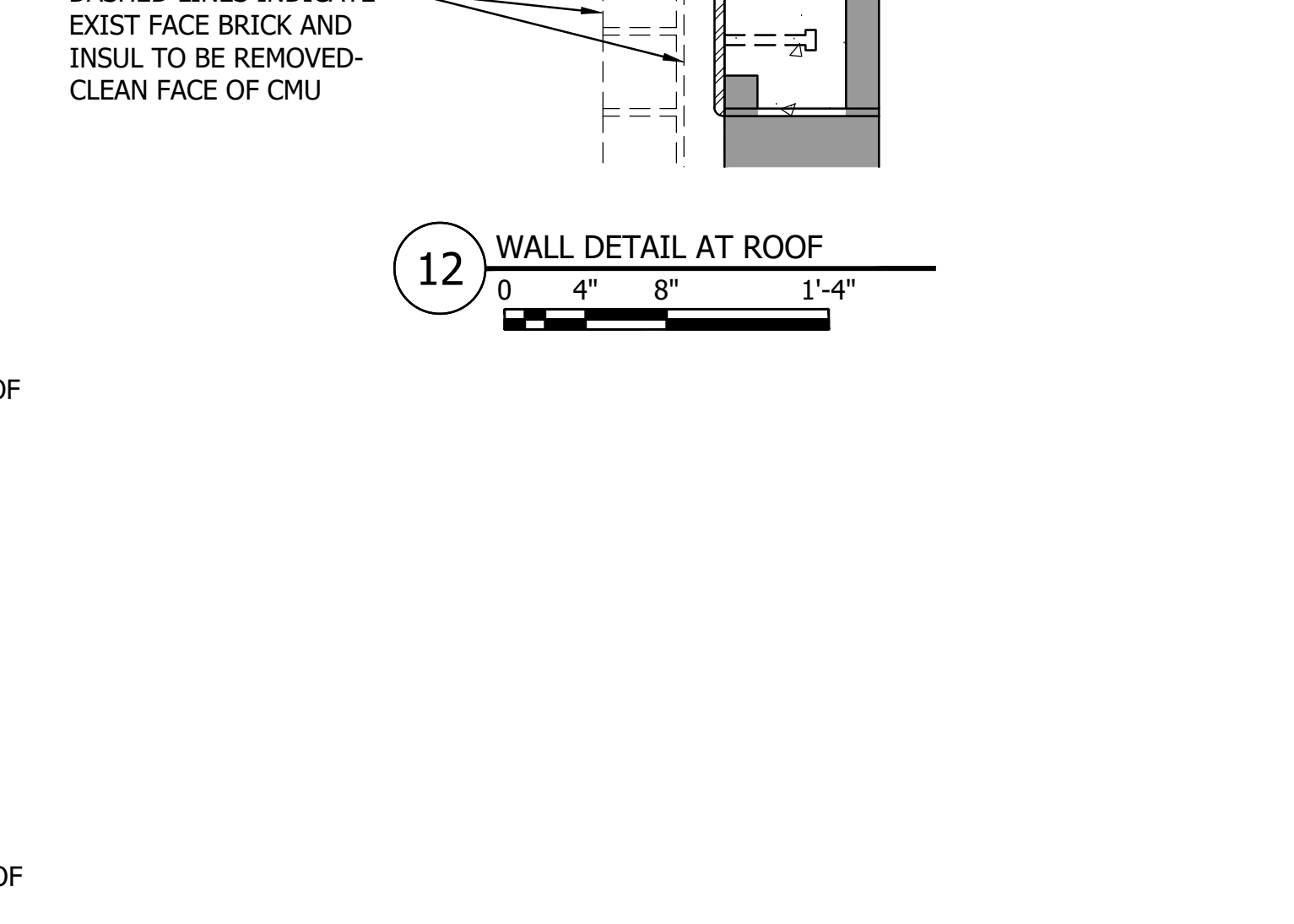
3 ROOF EDGE DETAIL  
0 4" 8" 1'-4"



7 WALL DETAIL AT GRADE  
0 4" 8" 1'-4"



10 WALL DETAIL AT ROOF  
0 4" 8" 1'-4"



4 WALL DETAIL AT WATERTABLE  
0 4" 8" 1'-4"

Plot Date: 09/07/2023 8:45am  
File Name: 19386049-ASD.dwg  
User: 19386049-ASD  
Source: 19386049-ASD



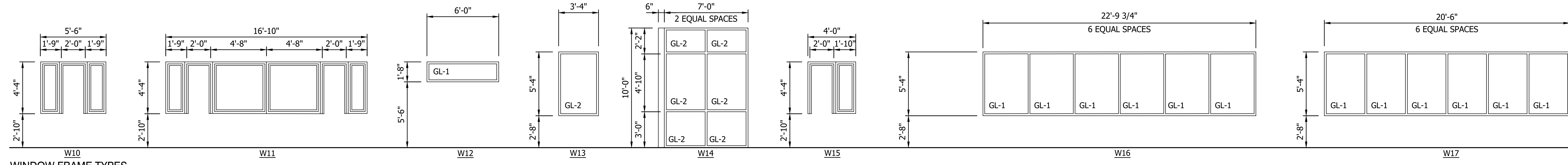
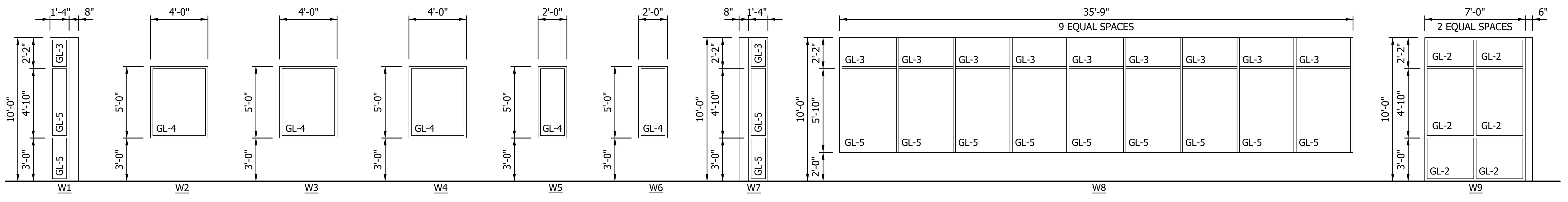




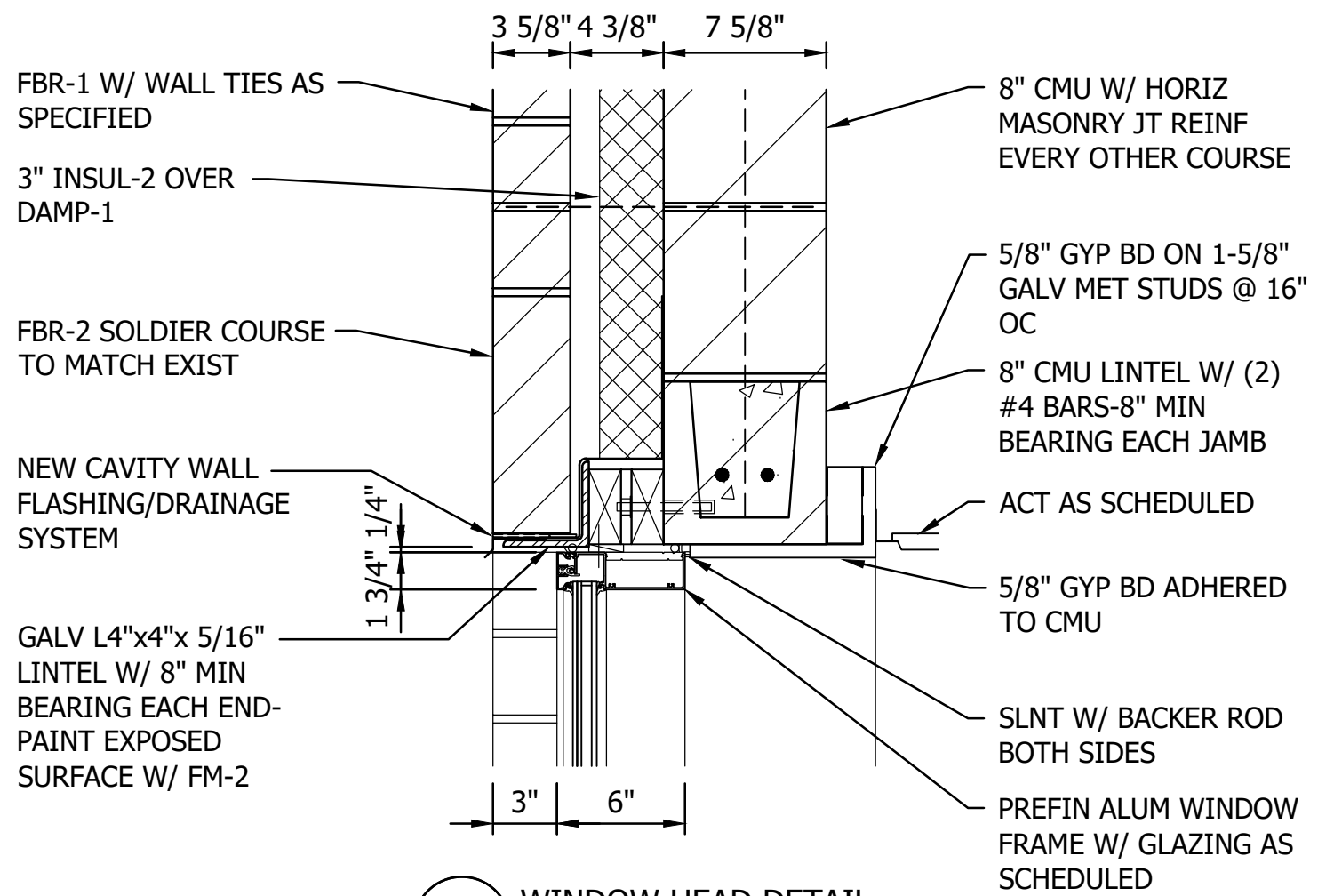
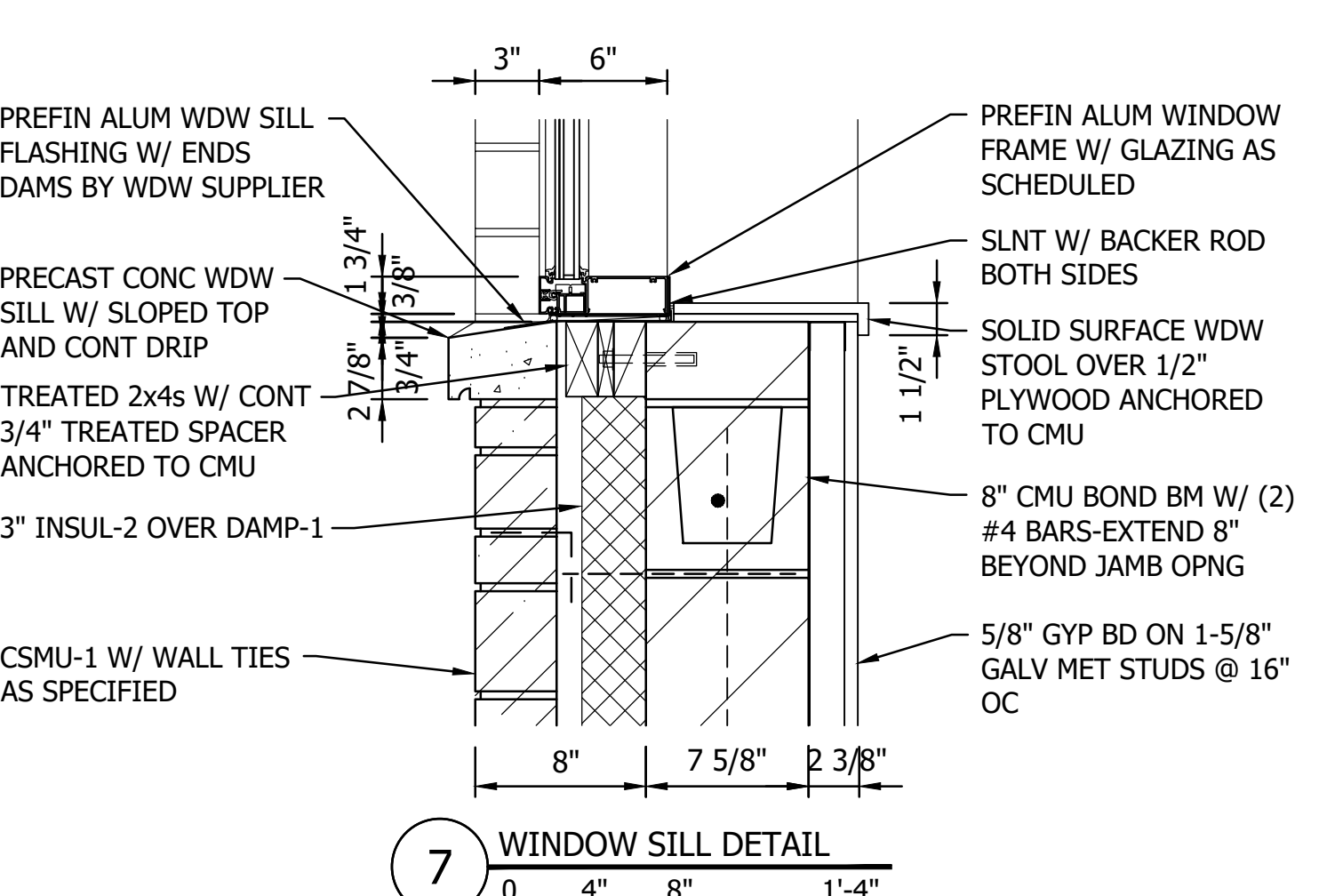
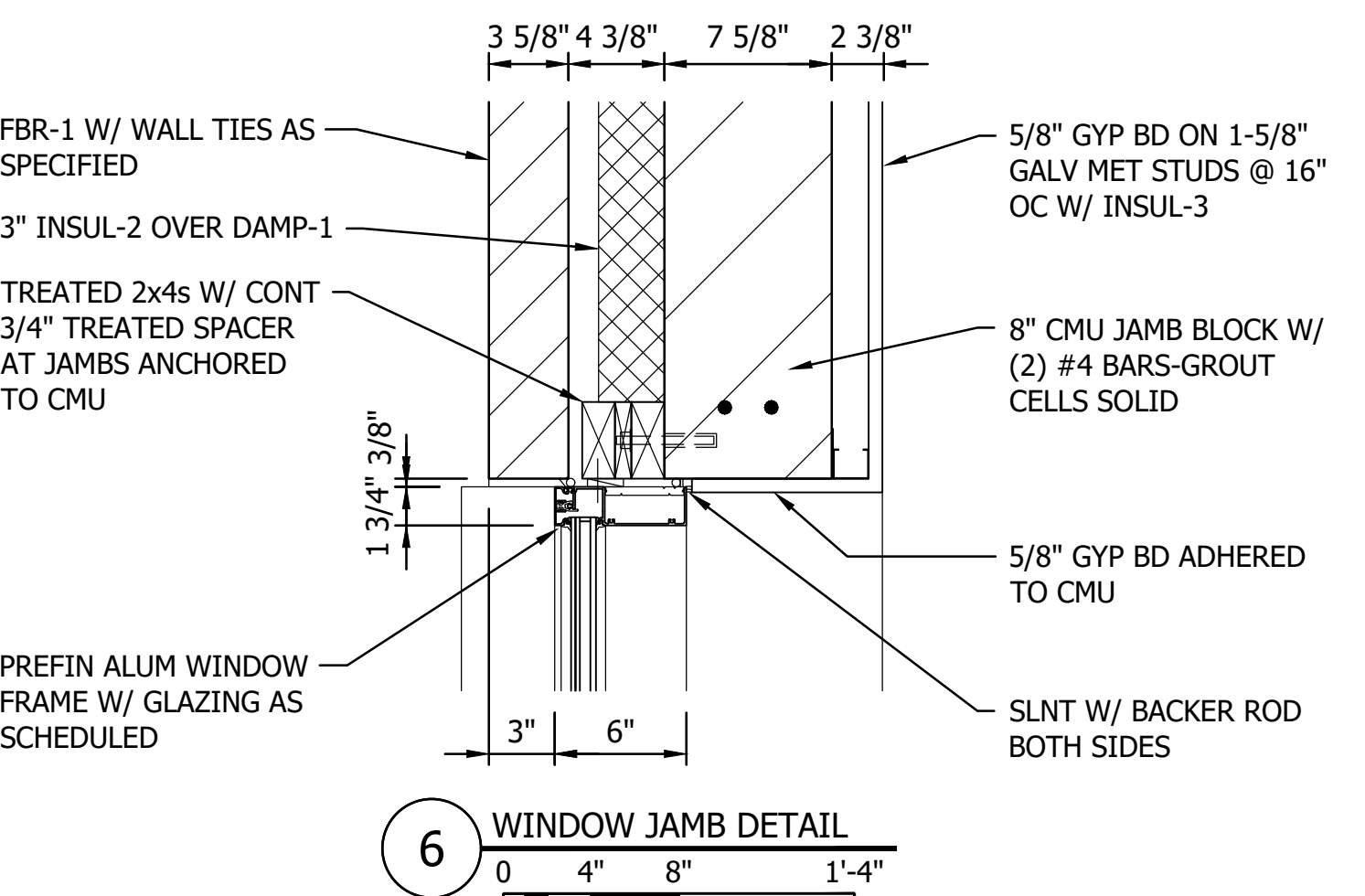
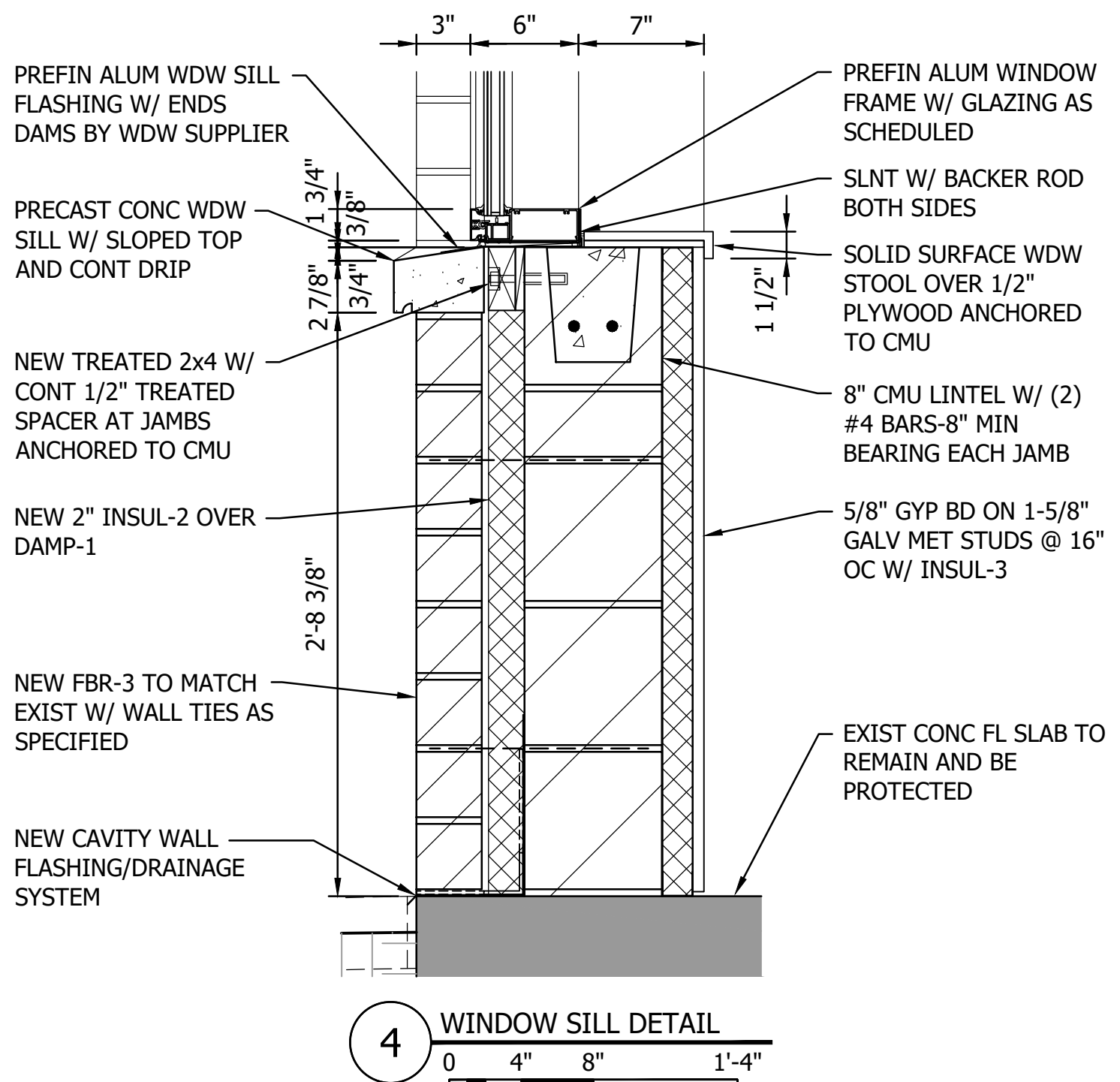
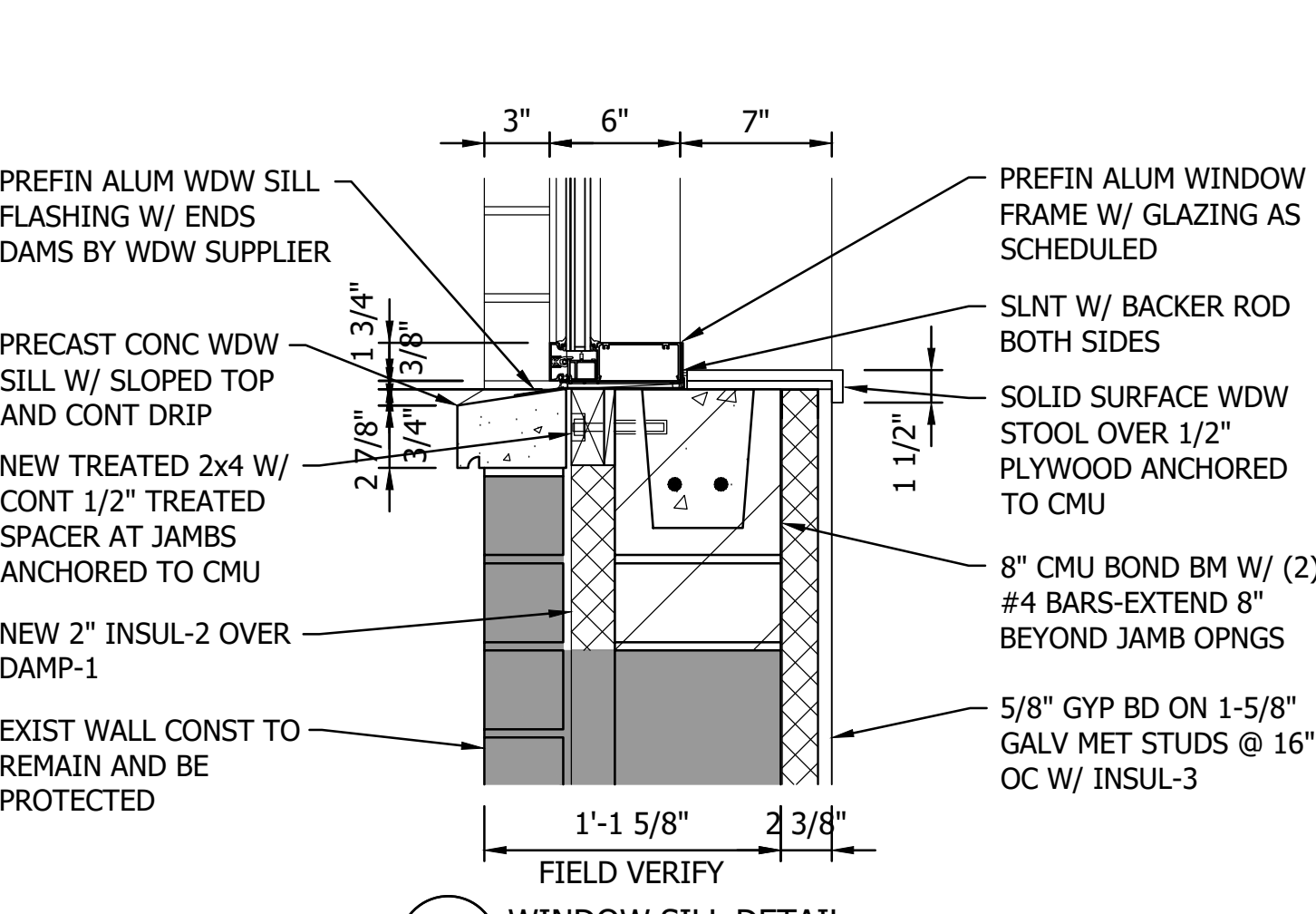
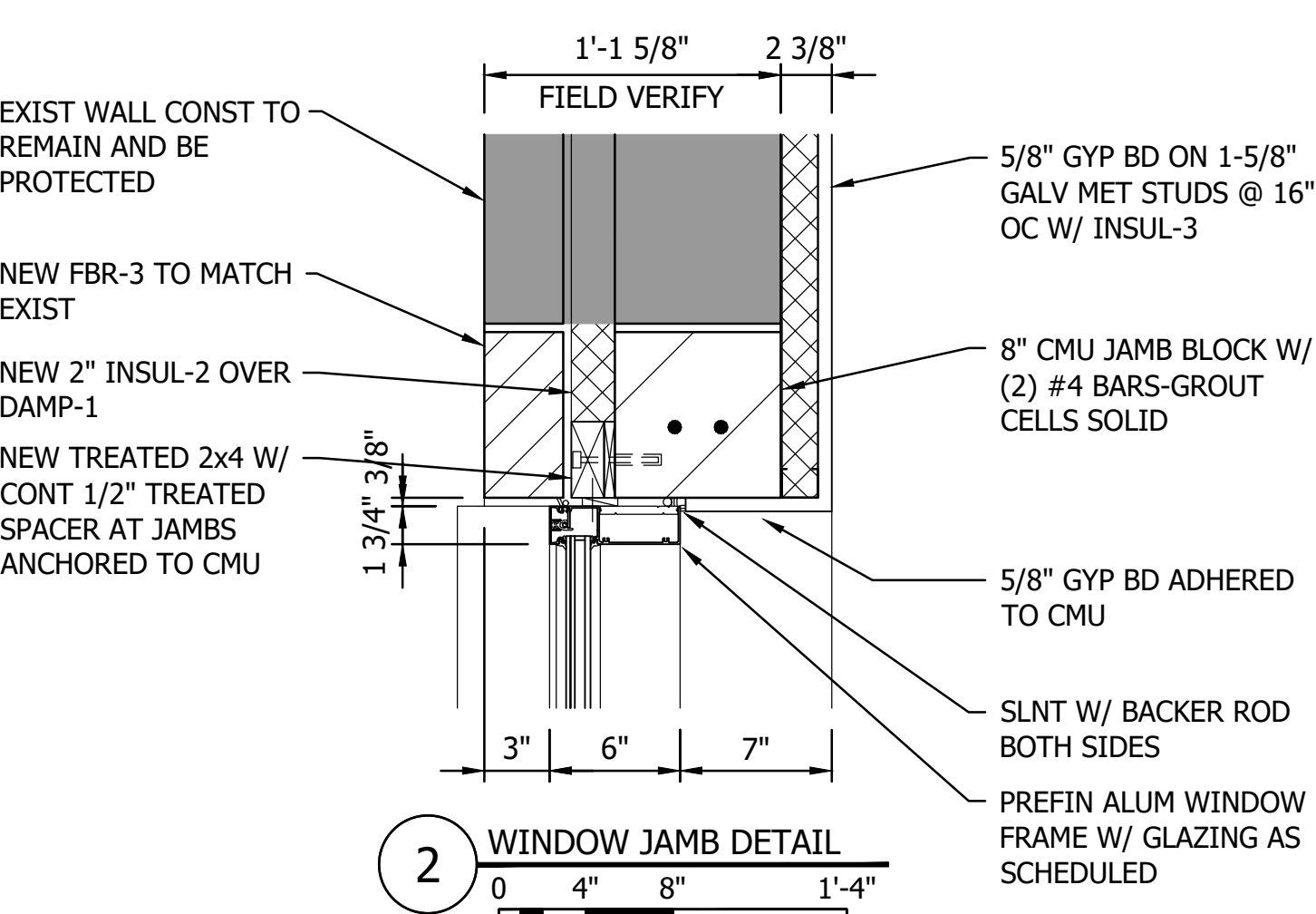
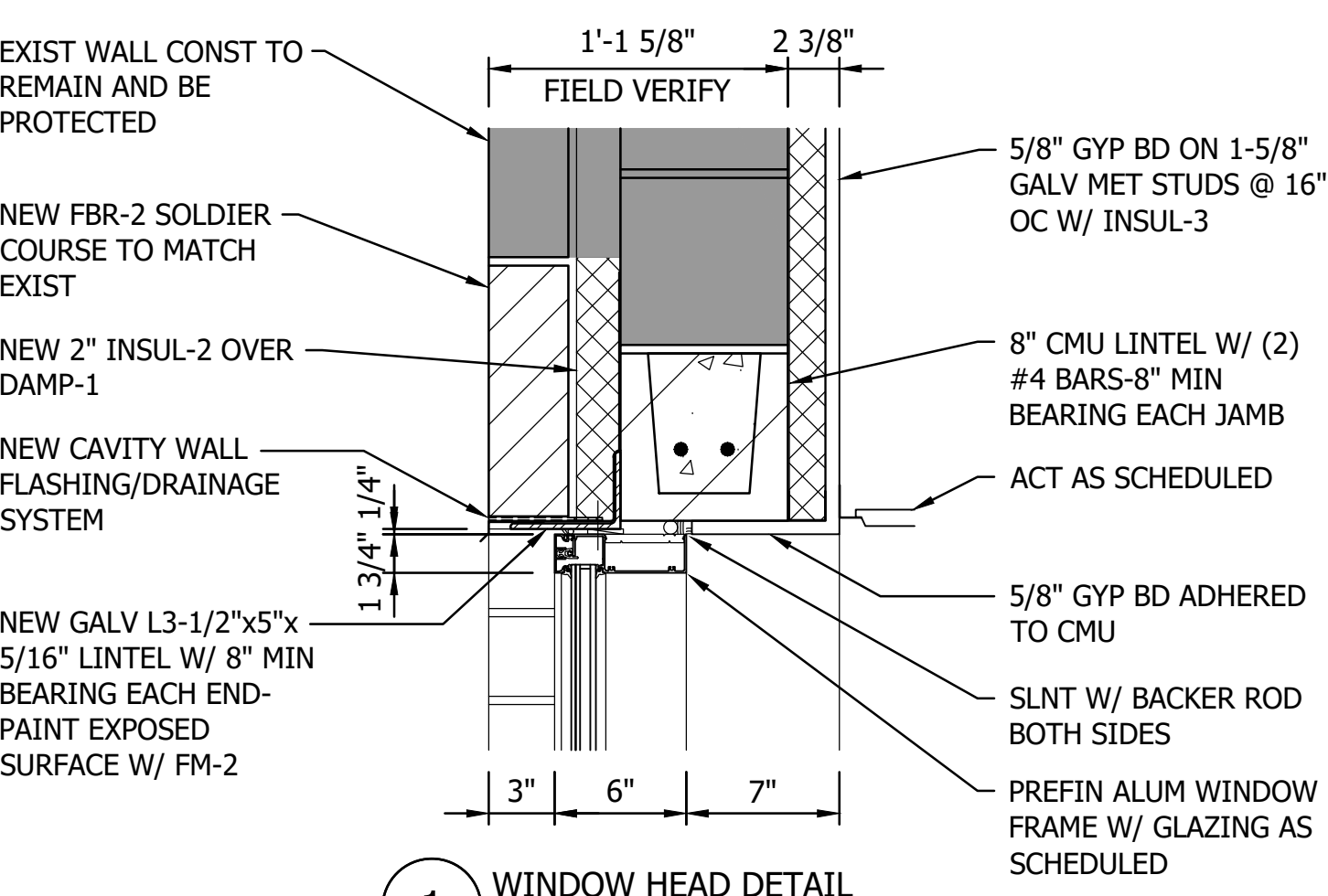
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WINDOW SCHEDULE

LETTER	FRAME MATL	SIZE		STYLE	GLAZING TYPE	DETAILS	NOTES
		WIDTH	HEIGHT				
W 1	ALUM	1'-4"	10'-0"	FIXED	GL-3/GL-5	-	-
W 2	ALUM	4'-0"	5'-0"	FIXED	GL-4	-	-
W 3	ALUM	4'-0"	5'-0"	FIXED	GL-4	-	-
W 4	ALUM	4'-0"	5'-0"	FIXED	GL-4	-	-
W 5	ALUM	2'-0"	5'-0"	FIXED	GL-4	-	-
W 6	ALUM	2'-0"	5'-0"	FIXED	GL-4	-	-
W 7	ALUM	1'-4"	10'-0"	FIXED	GL-3/GL-5	-	-
W 8	ALUM	35'-9"	8'-0"	FIXED	GL-3/GL-5	-	-
W 9	ALUM	7'-0"	10'-0"	FIXED	GL-2	-	-
W10	MET	5'-6"	4'-4"	BR FRAMING	08 39 54	-	-
W11	MET	16'-10"	4'-4"	BR FRAMING	08 39 54	-	-
W12	ALUM	6'-0"	1'-8"	FIXED	GL-1	-	-
W13	ALUM	3'-4"	5'-4"	FIXED	GL-2	-	-
W14	ALUM	7'-0"	10'-0"	FIXED	GL-2	-	-
W15	MET	4'-0"	4'-4"	BR FRAMING	08 39 54	-	-
W16	ALUM	22'-9 3/4"	5'-4"	FIXED	GL-1	-	-
W17	ALUM	20'-6"	5'-4"	FIXED	GL-1	-	-



WINDOW FRAME TYPES



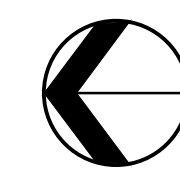
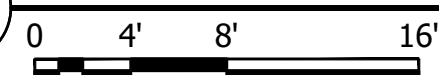
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**REFLECTED CEILING KEY**

- LIGHT FIXTURE
- LIGHT FIXTURE
- EXIT LIGHTING
- ONE-HOUR FIRE RATED WALL
- TWO-HOUR FIRE RATED WALL
- HVAC SUPPLY
- HVAC RETURN
- OCCUPANCY SENSOR
- HEAT DETECTOR
- SMOKE DETECTOR
- SPRINKLER HEAD

**1** RENOVATED MAIN LEVEL REFLECTED CEILING PLAN



Plot Date: 09/07/2023 8:55am  
User: jsmith  
Scale: 1/8"=1'-0"

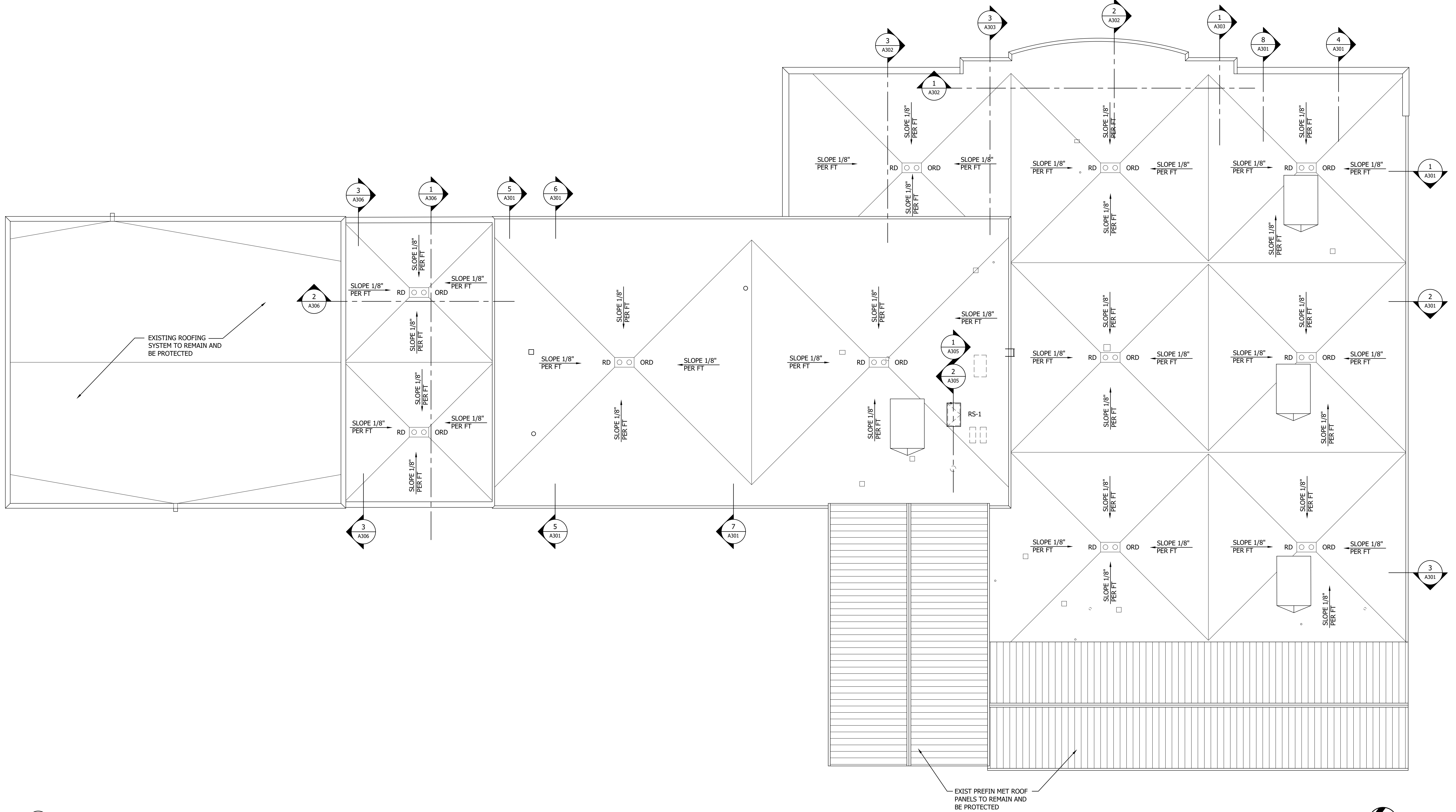
WE HEREBY CERTIFY THAT THE DESIGN, SPECIFICATION, OR REPORT  
 HAS BEEN PREPARED BY A REGISTERED PROFESSIONAL ENGINEER  
 AND THAT I AM A DULY LICENSED ARCHITECT  
 UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 PRINT NAME: BRUCE E. LARSEN  
 SIGNATURE: \_\_\_\_\_  
 DATE: 08/29/2023 UC NO.: 20210

NO REVISION DATE

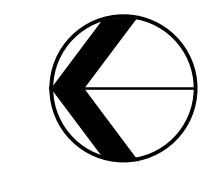
SURVEY \_\_\_\_\_  
 DRAWN BFP  
 DESIGNED BFP  
 CHECKED \_\_\_\_\_  
 APPROVED \_\_\_\_\_

SHEET NUMBER  
**A701**

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1 RENOVATED ROOF PLAN  
0 4 8 16'



Plot Date: 09/07/2023 8:55am  
XREF: 19386049.RVT  
Project: 19386049-4801.dwg  
User: jg

DESIGNED BY: JACOB T. PARSONS  
CHECKED BY: JACOB T. PARSONS  
DATE: 08/28/2023  
LIC. NO.: 02015

**CITY OF SPRING LAKE PARK, MINNESOTA**  
**CITY HALL RENOVATION/EXPANSION**  
**RENOVATED ROOF PLAN**

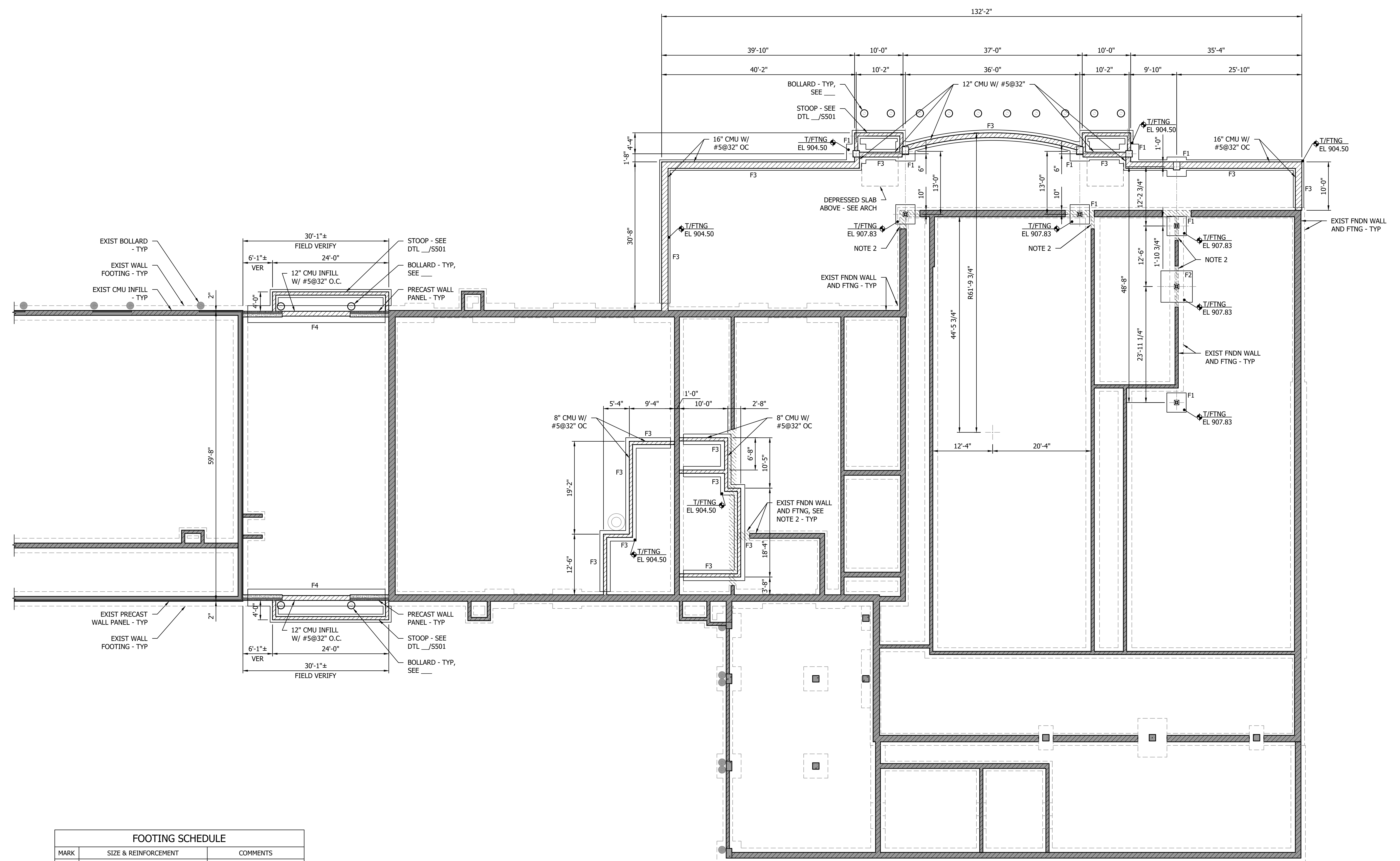
NO	REVISION	DATE

SURVEY	
DRAWN	BFP
DESIGNED	BFP
CHECKED	
APPROVED	
PROJ. NO.	19386049
SHEET NUMBER	<b>A801</b>



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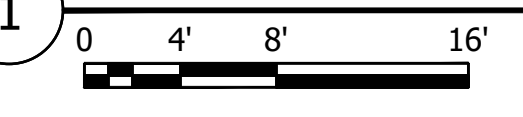
Plot Date: 09/07/2023 9:11 am  
 Project: 193806047  
 User: JBR



FOOTING SCHEDULE		
MARK	SIZE & REINFORCEMENT	COMMENTS
F1	4'-0" SQ x 1'-0" THICK W/ (5)-#5 EW	MIN 16" SQ PIER W/ (8)-#6 VERT, PERIM LOCATIONS ONLY
F2	6'-6" SQ x 1'-0" THICK W/ (7)-#5 EW	16" SQ PIER W/ (8)-#6 VERT
F3	2'-2" CONT x 1'-0" THICK W/ (3)-#5 CONT	-
F4	3'-6" CONT x 1'-0" THICK W/ (4)-#5 CONT	EMBED PLATES PER PRECASTER

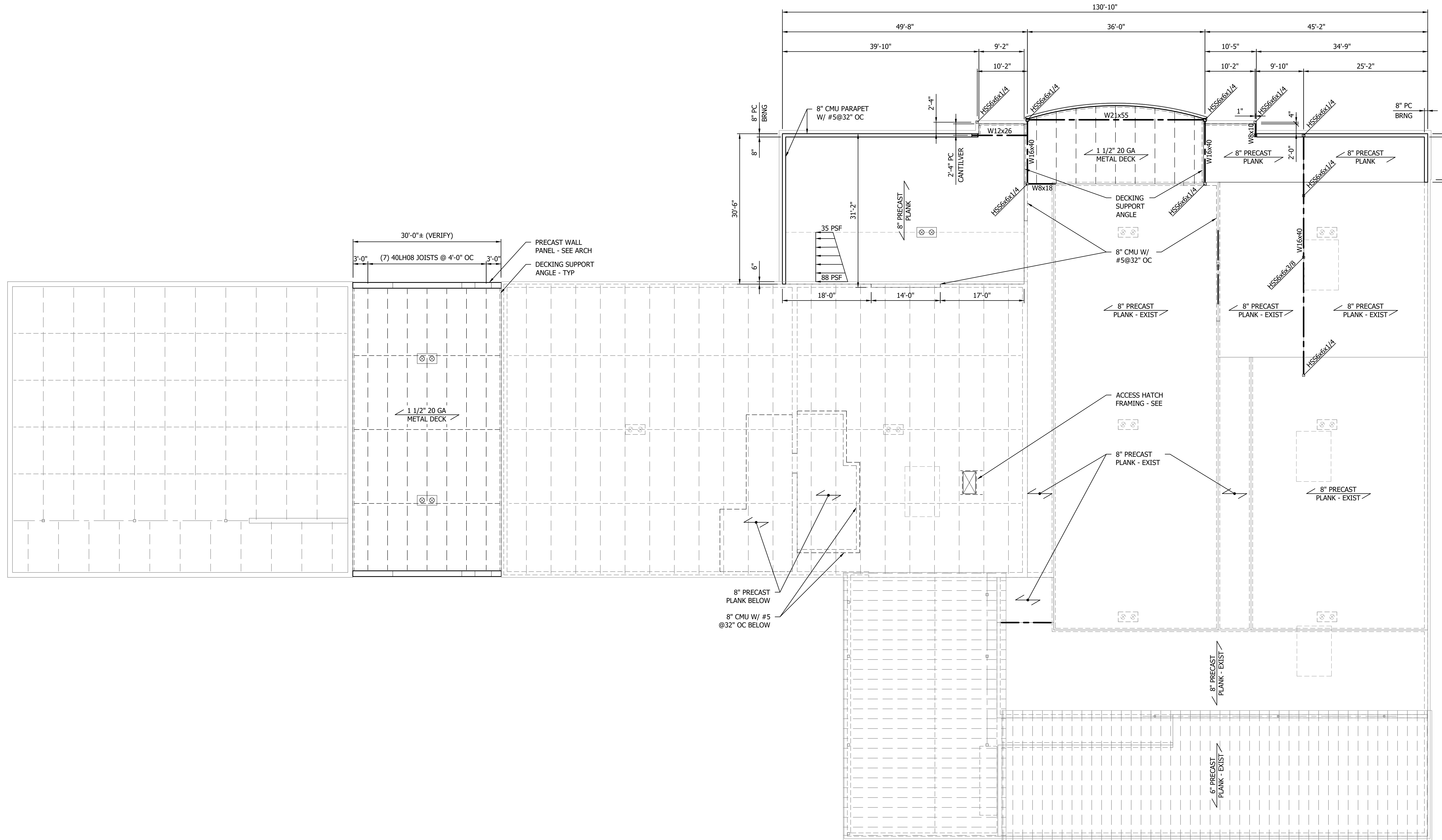
- FOUNDATION NOTES:**
1. FOOTING REINFORCING STEEL SHALL BE PLACED IN BOTTOM MAT UNLESS OTHERWISE NOTED.
  2. HOOK VERTICAL PIER AND WALL REINFORCEMENT INTO FOOTING.
  3. PIERS SHALL RECEIVE #3 TIES WITH TOP (4) TIES AT 2" SPACING, ELSE 10" SPACING.

**1 FOUNDATION PLAN**



- NOTES:**
1. VERIFY EXISTING FOUNDATIONS. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES.
  2. REMOVE EXISTING FOOTING AND BELOW GRADE WALL MINIMUM 1'-0" BEYOND LIMITS OF NEW FOOTING.
  3. SEE SCHEDULE FOR FOOTING SIZE.
  4. TOP OF FOUNDATION WALL AND PIER ELEVATIONS SHALL BE 907'-10" UNLESS OTHERWISE NOTED.

USE: THESE DRAWINGS HAVE BEEN CHECKED FOR CONFORMANCE WITH THE REQUIREMENTS OF THE MINNESOTA ENGINEERING BOARD AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MINNESOTA.  
 PRINT NAME: BRUNALG, BELEGARDE  
 SIGNATURE: \_\_\_\_\_  
 DATE: SEP 06 2023 11:30:03 LT  
 LIC. NO.: 86032



8" PRECAST PLANK BELOW  
 8" CMU W/ #5 @32" OC BELOW

LINTEL SCHEDULE		
MARK	SIZE	DETAILS
L1	W8x24 W/ 5/8" ⌀ RODS @ 32" O.C.	1 & 2/S502

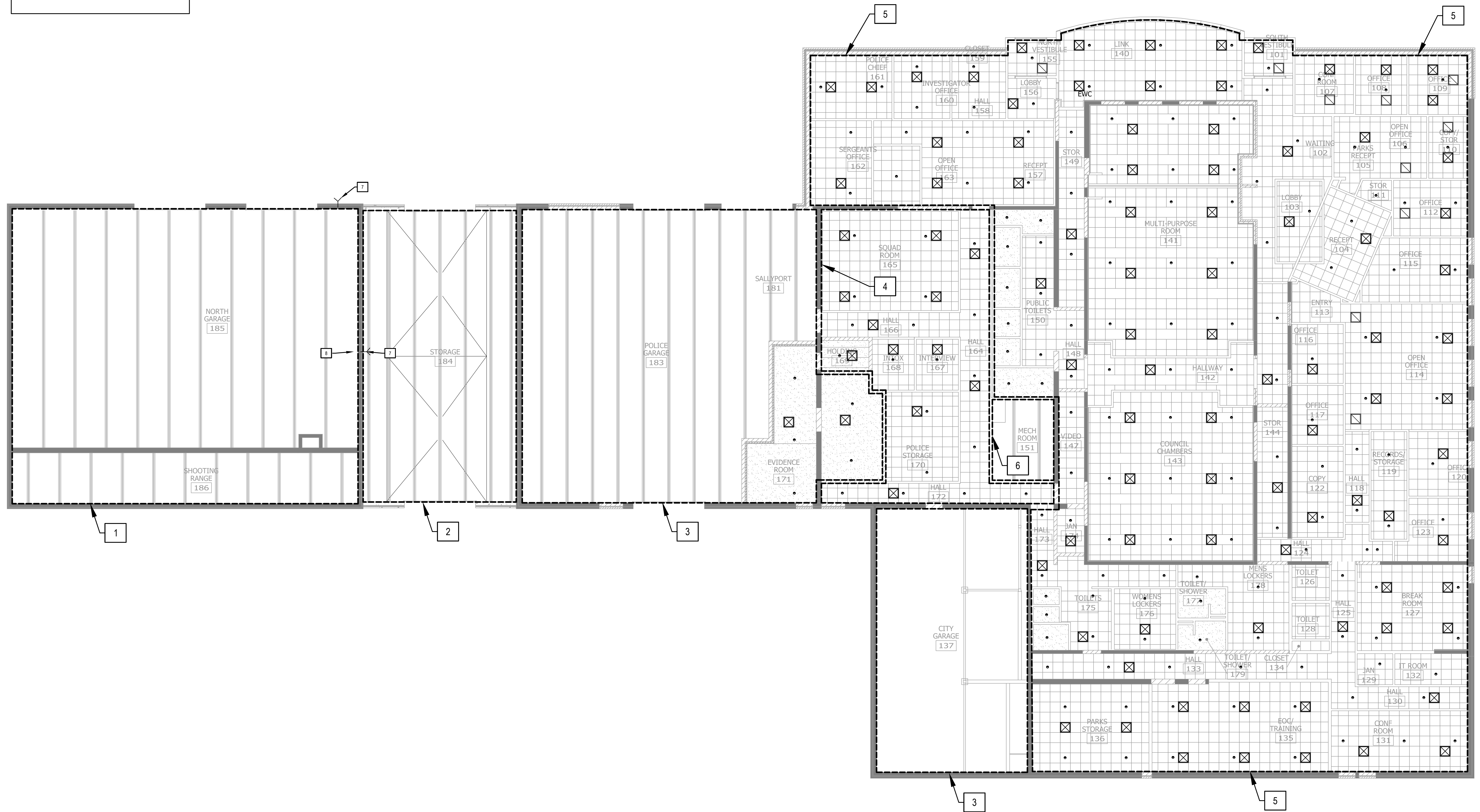




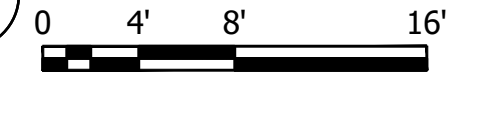
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**KEYED NOTES :**

- 1 EXISTING FIRE SPRINKLER SYSTEM TO REMAIN.
- 2 PROVIDE DRY PIPE SPRINKLER SYSTEM IN THE ENTIRE AREA INDICATED IN DASHED LINES, ORDINARY HAZARD GROUP-1
- 3 PROVIDE WET PIPE SPRINKLER SYSTEM IN THE ENTIRE AREA INDICATED IN DASHED LINES, ORDINARY HAZARD GROUP-1.
- 4 WET PIPE TBD - PIPICE W/ HOLDING CELLS.
- 5 PROVIDE WET PIPE SPRINKLER SYSTEM IN THE ENTIRE AREA INDICATED IN DASHED LINES, LIGHT HAZARD.
- 6 PROVIDE WET PIPE SPRINKLER SYSTEM IN THE ENTIRE AREA INDICATED IN DASHED LINES, ORDINARY HAZARD GROUP-1.
- 7 RELOCATE FIRE DEPARTMENT CONNECTION TO EAST SIDE OF BUILDING.
- 8 EXISTING FIRE SPRINKLER RISER LOCATION.



1 FIRE PROTECTION OVERALL FLOOR PLAN



Plot Date: 09/07/2023 9:16 AM  
Project: 19380649-FP10.rvt  
User: JEROMY.L.BEEB

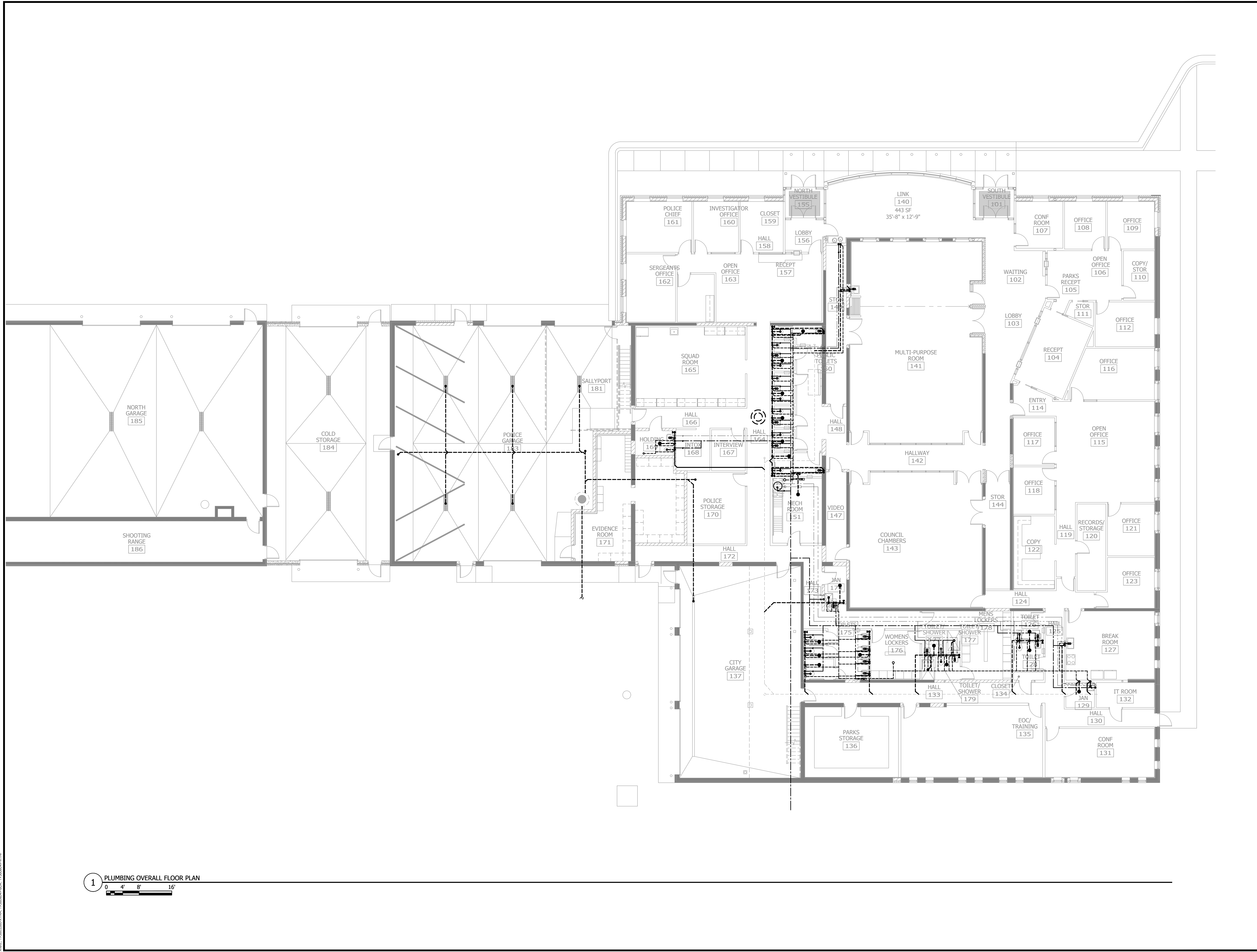
DESIGNED BY: JEROMY.L.BEEB  
 CHECKED BY: JEROMY.L.BEEB  
 DATE: 08/25/2023 11:02:00  
 UC: FPG\_100000

NO	REVISION	DATE

SURVEY  
 DRAWN: NNS  
 DESIGNED: NNS  
 CHECKED: JLR  
 APPROVED:  
 PROJ. NO. 19380649  
 SHEET NUMBER  
**FP101**



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**1** PLUMBING OVERALL FLOOR PLAN  
 0 4' 8' 16'

Plot Date: 09/07/2025 9:27am  
 Project: 193806047-N114 - 193806047-N114 - 193806047-N114  
 User: 193806047-N114 - 193806047-N114

DESIGNED BY: JEROME BEED  
 CHECKED BY: JEROME BEED  
 DATE: 08/28/2025  
 LIC. NO.: 20030

**CITY OF SPRING LAKE PARK, MINNESOTA**  
 CITY HALL RENOVATION/EXPANSION  
 PLUMBING OVERALL FLOOR PLAN

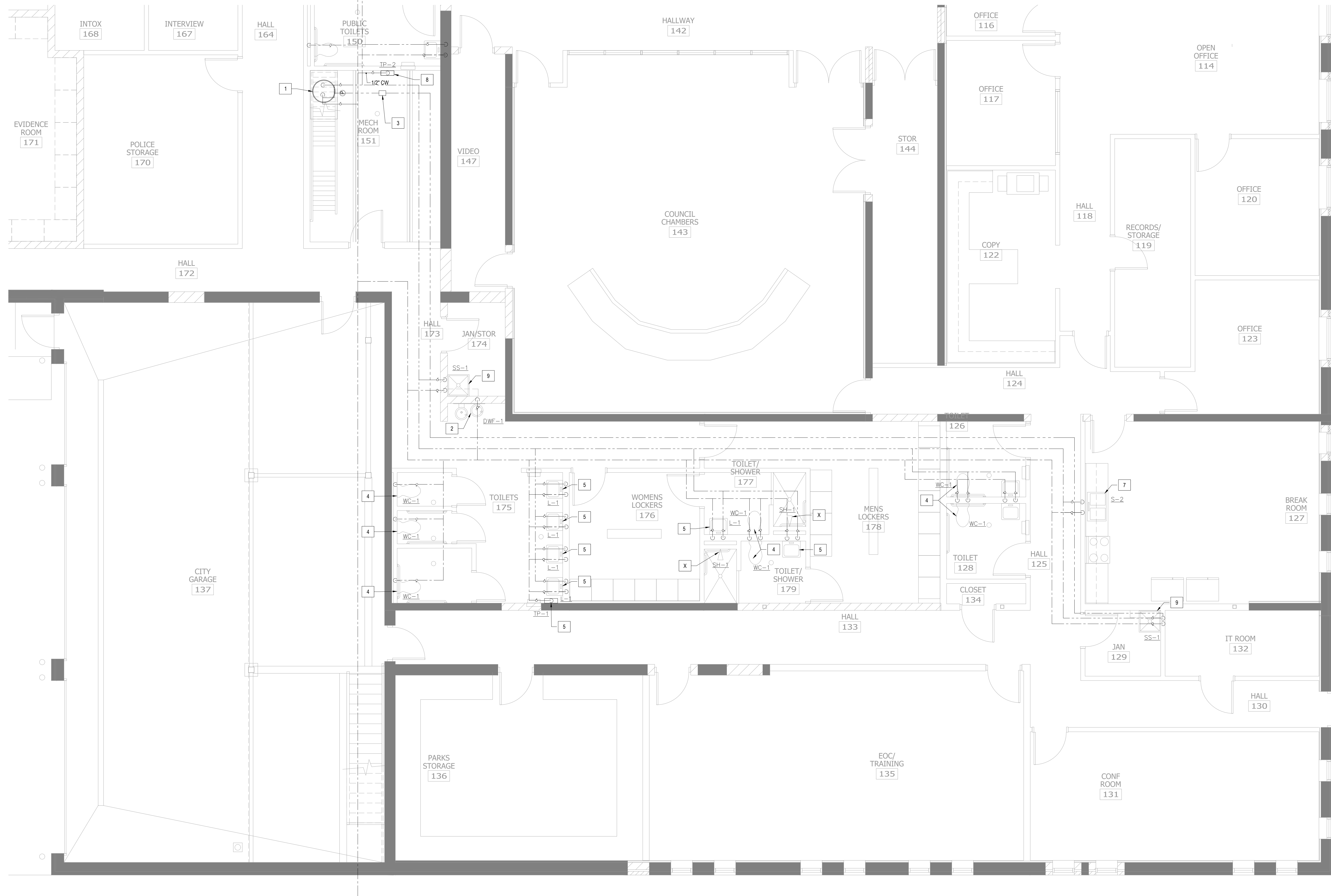
NO.	REVISION	DATE

SURVEY	
DRAWN	NNG
DESIGNED	NNG
CHECKED	JR
APPROVED	
PROJ. NO.	193806047
SHEET NUMBER	P101



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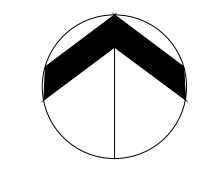


**SHEET KEY NOTES**

1. GAS FIRED WATER HEATER AS SCHEDULED. DROP 1" DCW DOWN TO WATER HEATER. PROVIDE WITH EXPANSION TANK AND HOT WATER RECIRCULATING PUMP. REFER TO SCHEDULE FOR MORE INFORMATION. ALL INSTALLATION SHALL BE AS PER MANUFACTURER RECOMMENDATIONS. SEE DETAIL 9/P401.
2. HIGH-LOW FOUNTAIN "DWF-1" AS SPECIFIED. PROVIDE 1/2" CW DOWN TO HIGH-LOW FOUNTAIN "DWF-1". PROVIDE WITH SHUT-OFF VALVE.
3. BALANCE VALVE. SET TO 1.0 GPM.
4. WATER CLOSET "WC-1". PROVIDE ALL ASSOCIATED COMPONENTS AS SPECIFIED IN THE SCHEDULE. PROVIDE 3/4" CW DOWN TO WC-1.
5. LAVATORY "L-1". PROVIDE ALL ASSOCIATED SUPPLIES AS SPECIFIED IN THE SCHEDULE. PROVIDE 1/2" CW & 1/2" HW DOWN TO L-1.
6. URINAL "UL-1". PROVIDE ALL ASSOCIATED COMPONENTS AS SPECIFIED IN THE SCHEDULE. PROVIDE 1/2" CW DOWN TO UL-1.
7. SINK "S-2" AND ALL ASSOCIATED COMPONENTS AS SCHEDULED. PROVIDE 1/2" CW AND 1/2" HW DOWN TO SINK.
8. TRAP PRIMER "TP-X". 1/2" CW DOWN TO TRAP PRIMER "TP-X". ALL INSTALLATION SHALL BE AS PER MANUFACTURER RECOMMENDATIONS.
9. SERVICE SINK "SS-1". PROVIDE ALL ASSOCIATED SUPPLIES AS SPECIFIED IN THE SCHEDULE. PROVIDE 1/2" CW & 1/2" HW DOWN TO SS-1.

Plot Date: 09/07/2023 9:23am  
User: NGS  
Path: \\P:\projects\19385649\FIN\19385649-FIN.dwg  
Source: 19385649-FIN.dwg  
Scale: 1:1

**1 PARTIAL ENLARGED PLUMBING FLOOR PLAN - DOMESTIC WATER**  
0 2' 4' 8'



**Stantec**  
733 Marquette Avenue, Suite 1000  
Minneapolis, MN 55402  
www.stantec.com

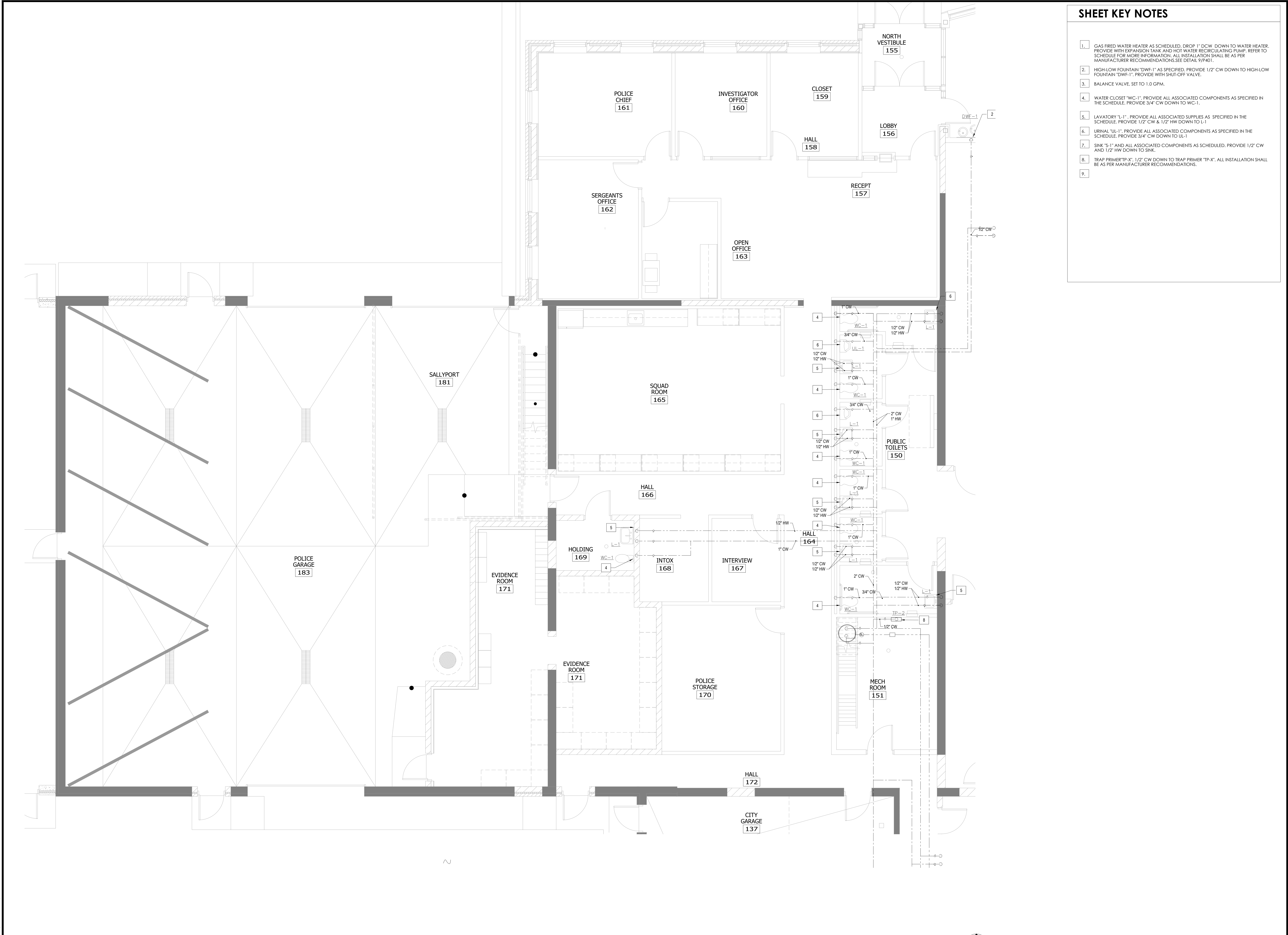
DESIGNED BY: NGS  
DRAWN BY: NGS  
CHECKED BY: JLR  
APPROVED BY: JLR  
DATE: 09/07/2023  
LIC. NO.: 20000

CITY OF SPRING LAKE PARK, MINNESOTA  
CITY HALL RENOVATION/EXPANSION  
PARTIAL ENLARGED PLUMBING FLOOR PLAN - DOMESTIC WATER

NO	REVISION	DATE

SURVEY  
DRAWN: NGS  
DESIGNED: NGS  
CHECKED: JLR  
APPROVED: JLR  
PROJ. NO.: 19385649  
SHEET NUMBER  
**P202**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



**SHEET KEY NOTES**

1. GAS FIRED WATER HEATER AS SCHEDULED. DROP 1" CW DOWN TO WATER HEATER. PROVIDE WITH EXPANSION TANK AND HOT WATER RECIRCULATING PUMP. REFER TO SCHEDULE FOR MORE INFORMATION. ALL INSTALLATION SHALL BE AS PER MANUFACTURER RECOMMENDATIONS. SEE DETAIL 9/P401.
2. HIGH-LOW FOUNTAIN "DWF-1" AS SPECIFIED. PROVIDE 1/2" CW DOWN TO HIGH-LOW FOUNTAIN "DWF-1". PROVIDE WITH SHUT-OFF VALVE.
3. BALANCE VALVE. SET TO 1.0 GPM.
4. WATER CLOSET "WC-1". PROVIDE ALL ASSOCIATED COMPONENTS AS SPECIFIED IN THE SCHEDULE. PROVIDE 3/4" CW DOWN TO WC-1.
5. LAVATORY "L-1". PROVIDE ALL ASSOCIATED SUPPLIES AS SPECIFIED IN THE SCHEDULE. PROVIDE 1/2" CW & 1/2" HW DOWN TO L-1.
6. URINAL "UL-1". PROVIDE ALL ASSOCIATED COMPONENTS AS SPECIFIED IN THE SCHEDULE. PROVIDE 3/4" CW DOWN TO UL-1.
7. SINK "S-1" AND ALL ASSOCIATED COMPONENTS AS SCHEDULED. PROVIDE 1/2" CW AND 1/2" HW DOWN TO SINK.
8. TRAP PRIMER "TP-X". 1/2" CW DOWN TO TRAP PRIMER "TP-X". ALL INSTALLATION SHALL BE AS PER MANUFACTURER RECOMMENDATIONS.
- 9.

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ENGINEER: JEREMY REED, LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA. PROJECT: 193806049. DATE: SEPTEMBER 11, 2023. UC: 193806049

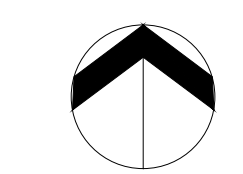
PRINT NAME: JEREMY REED

CITY OF SPRING LAKE PARK, MINNESOTA  
CITY HALL RENOVATION/EXPANSION  
PARTIAL ENLARGED PLUMBING FLOOR PLAN - DOMESTIC WATER

NO.	REVISION	DATE

**1 PARTIAL ENLARGED PLUMBING FLOOR PLAN - DOMESTIC WATER**

0 2' 4' 8'



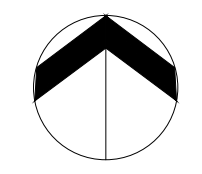
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- ### KEY NOTES
1. CONNECT NEW SANITARY WASTE TO EXISTING SANITARY WASTE. CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD.
  2. 2" SAN, 2" V UP TO DW-1.
  3. 2" SAN, 2" V UP TO KITCHEN SINK 'S-1'.
  4. FLOOR DRAIN 'FD-1' PROVIDE 4" SAN, 3" V UP TO FD-1.
  5. 4" SAN, 3" V UP TO 'WC-1'.
  6. 2" SAN, 2" V UP TO 'L-1'.
  7. 3" SAN, 2" V UP TO 'UL-1'.
  8. DEMOLISH EXISTING FLAMMABLE WASTE TRAP TANK. DISCONNECT ALL CONNECTIONS AND CONNECT WITH NEW TANK LOCATED AT NEW LOCATION. REFER TO SHEET P303

**1** PARTIAL ENLARGED PLUMBING FLOOR PLAN-SANITARY WASTE  
 0 2' 4' 8'



Plot Date: 09/07/2023 9:57 AM  
 User: jstuart  
 Path: I:\Projects\193806049\_P303.dwg  
 Title: 193806049\_P303.rvt  
 Scale: 1/8"=1'-0"

I hereby certify that I am a duly licensed Professional Engineer in the State of Minnesota.  
 My License No. is 193806049.  
 My Exp. Date is 09/30/2023.  
 My Title is P.E.  
 My Signature is JEREMY REED

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 PARTIAL ENLARGED PLUMBING FLOOR PLAN-SANITARY WASTE

NO	REVISION	DATE

SURVEY	
DRAWN	NNG
DESIGNED	NNG
CHECKED	JJR
APPROVED	
PROJ. NO.	193806049
SHEET NUMBER	P301

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**KEY NOTES**

- 1. CONNECT NEW 4" SAN. TO EXISTING SAN. LINE. CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD.
- 2. 2" SAN. 2" V UP TO DWF-1.
- 3. 2" SAN. 2" V UP TO KITCHEN SINK 'S-2'.
- 4. FLOOR DRAIN 'FD-1' PROVIDE 4" SAN. 3" V UP TO FD-1.
- 5. 4" SAN. 3" V UP TO 'WC-1'.
- 6. 2" SAN. 2" V UP TO 'L-1'.
- 7. 3" SAN. 2" V UP TO 'SH-1'.
- 8. 3" SAN. 2" V UP TO 'SS-1'.
- 9.

DESIGNED BY: JEREMY REED, P.E., LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA. DRAWING NO.: 193806049-002. DATE: SEPTEMBER 11, 2023. UC NO.: 203033

1 PARTIAL ENLARGED PLUMBING FLOOR PLAN-SANITARY WASTE  
0 2' 4' 8'

NO/REVISION	DATE

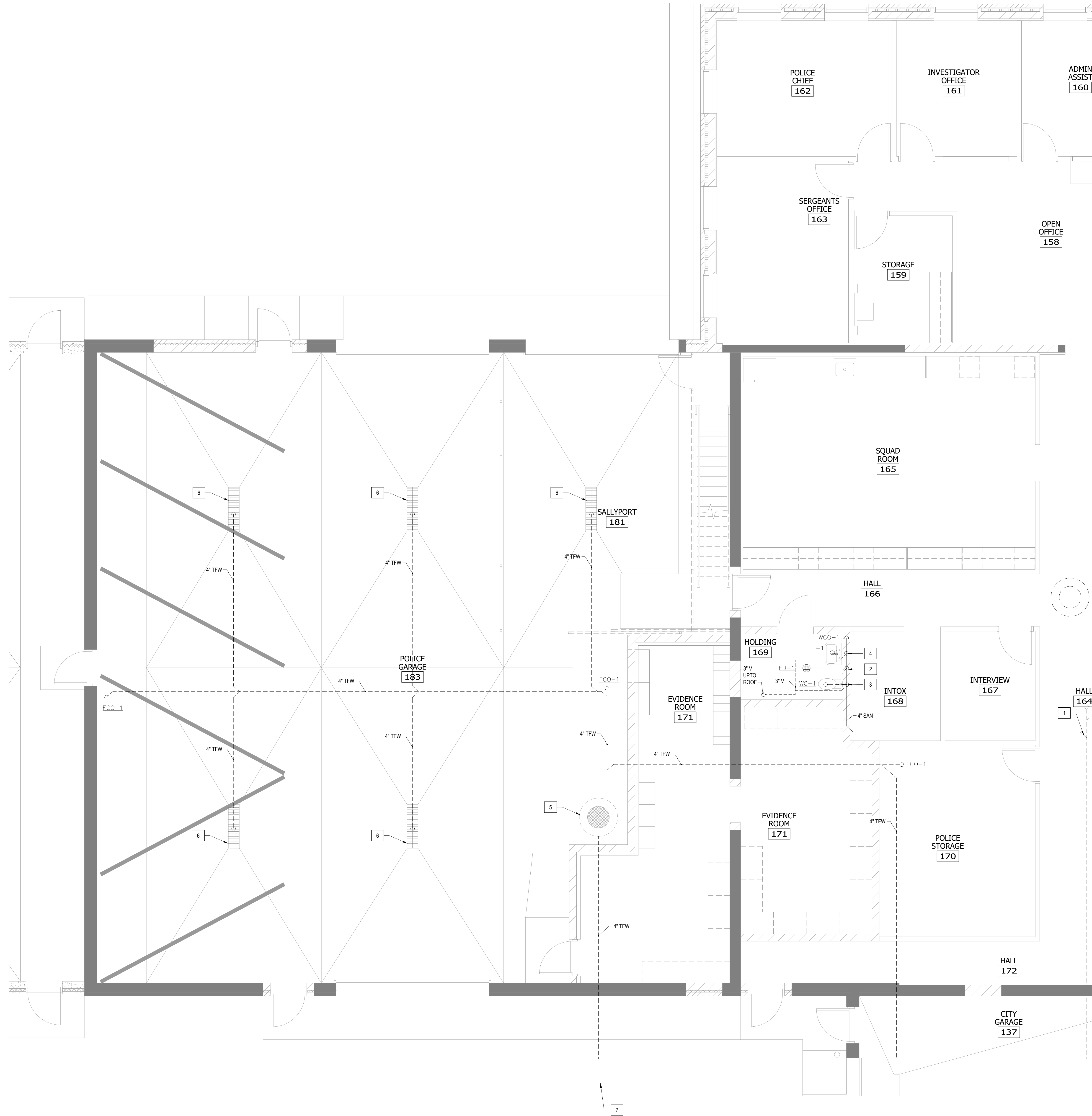
SURVEY  
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 DESIGNED NNG  
 CHECKED JLR  
 APPROVED  
 PROJ. NO. 193806049  
 SHEET NUMBER  
**P302**

Plot Date: 09/07/2023 - 9:35am  
XREF: 193803056-N11A, 193803056-R02R, 193806049-N11R



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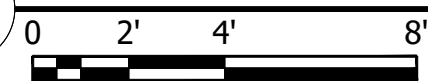
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**KEY NOTES**

1. CONNECT NEW SANITARY WASTE TO EXISTING SANITARY WASTE. CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD.
2. FLOOR DRAIN "FD-1" PROVIDE 4" SAN, 3" V UP TO FD-1.
3. 4" SAN, 3" V UP TO "WC-1".
4. 2" SAN, 2" V UP TO "L-1".
5. INSTALL NEW FLAMMABLE WASTE TRAP AT LOCATION SHOWN.
6. INSTALL NEW TRANCH DRAIN AS INDICATED. CONNECT WASTE LINE TO NEW FLAMMABLE WASTE TRAP.
7. EXTEND UTILITIES TO 5'-0" BEYOND BUILDING FOUNDATION FOR CONNECTIONS BY OTHERS. COORDINATE LOCATIONS AND UNDERGROUND PIPING ELEVATIONS WITH CIVIL. REFER TO CIVIL SHEET ###.

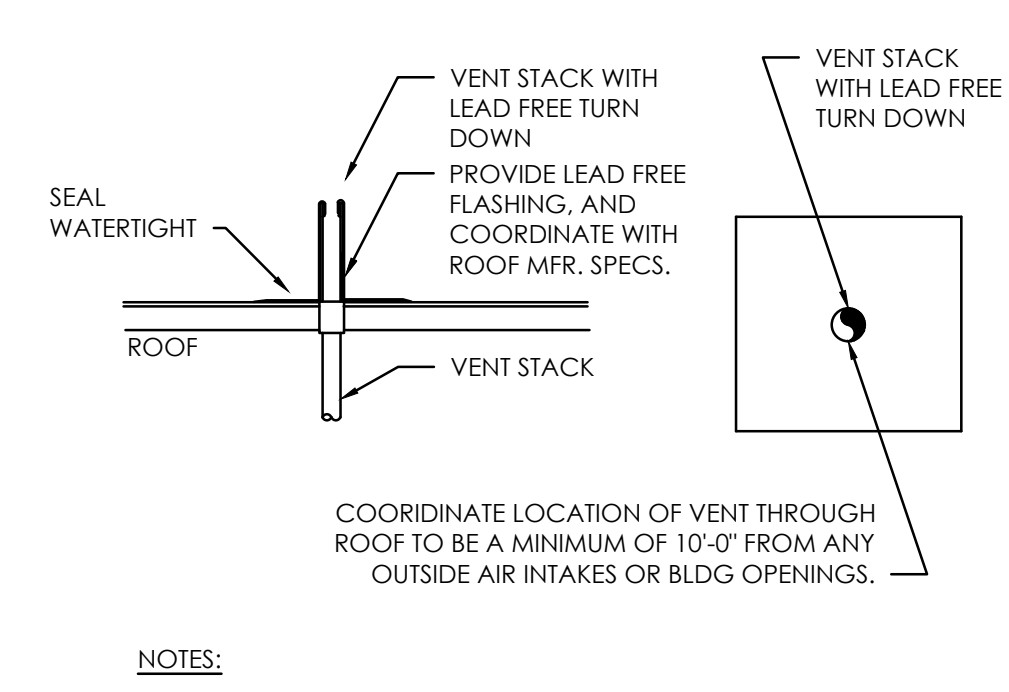
**1 PARTIAL ENLARGED PLUMBING FLOOR PLAN-SANITARY WASTE**



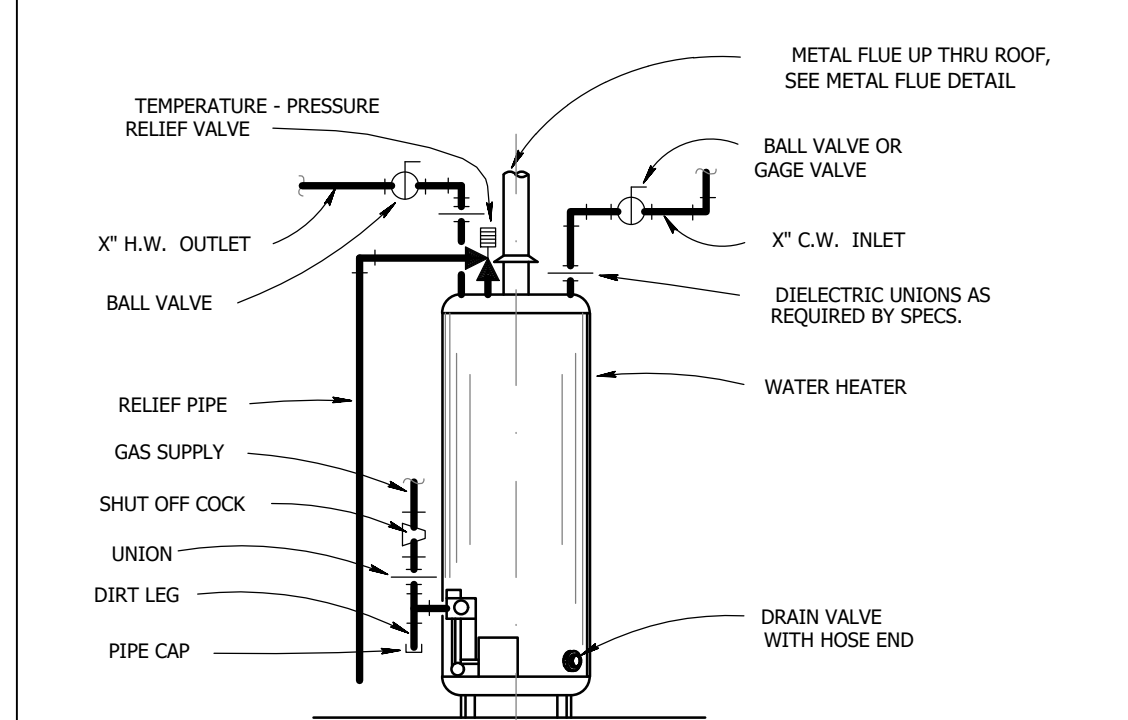
NO.	REVISION	DATE

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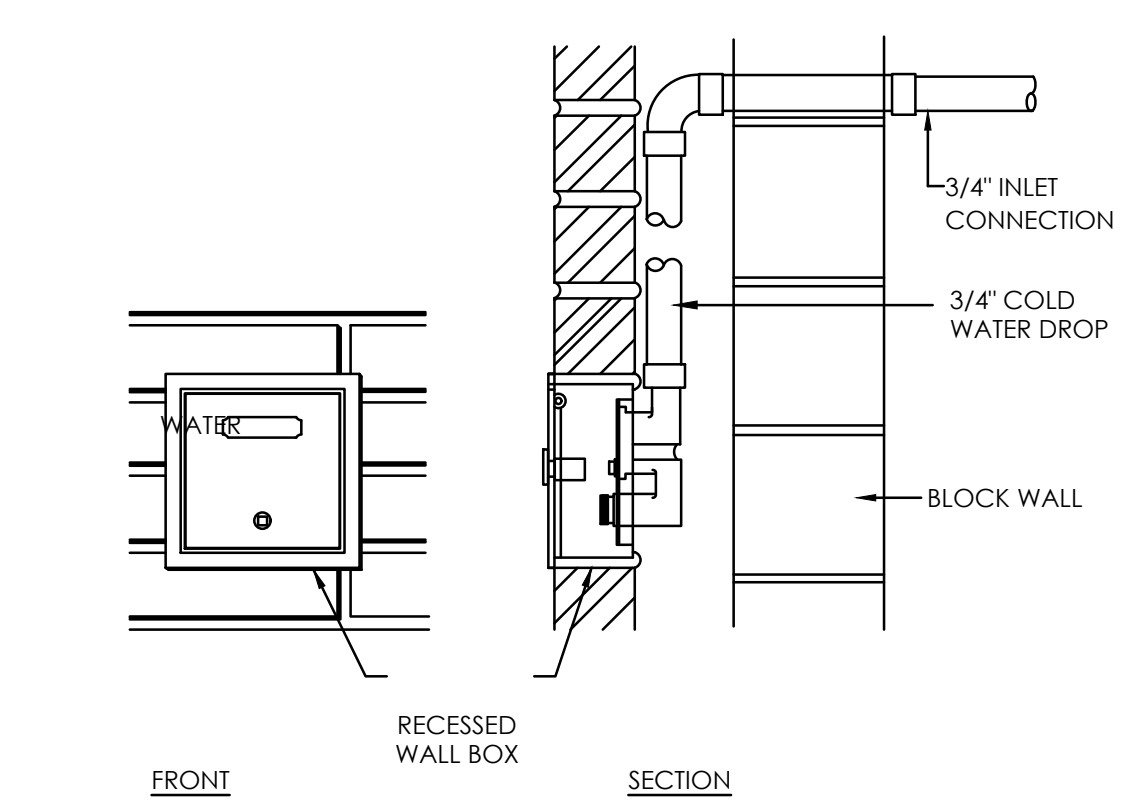
THIS DRAWING IS THE PROPERTY OF STANTEC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE TITLE BLOCK. IT IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF STANTEC. ANY REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



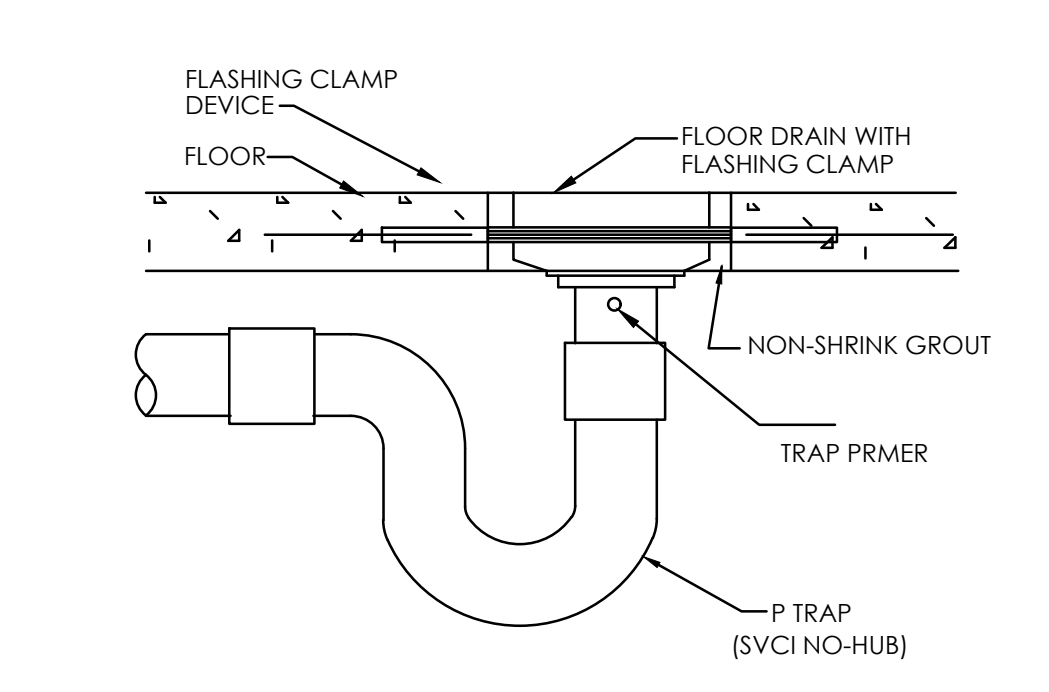
**10** TYP. STACK VENT  
P401 N.T.S.



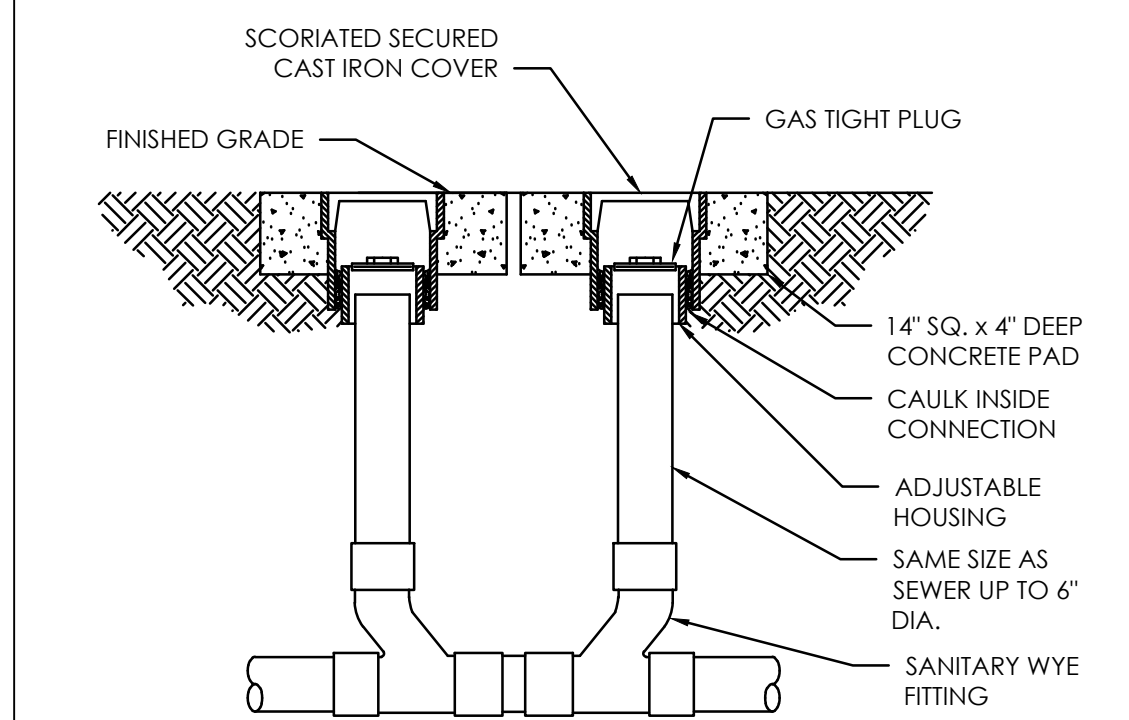
**9** GAS WATER HEATER  
P401 N.T.S.



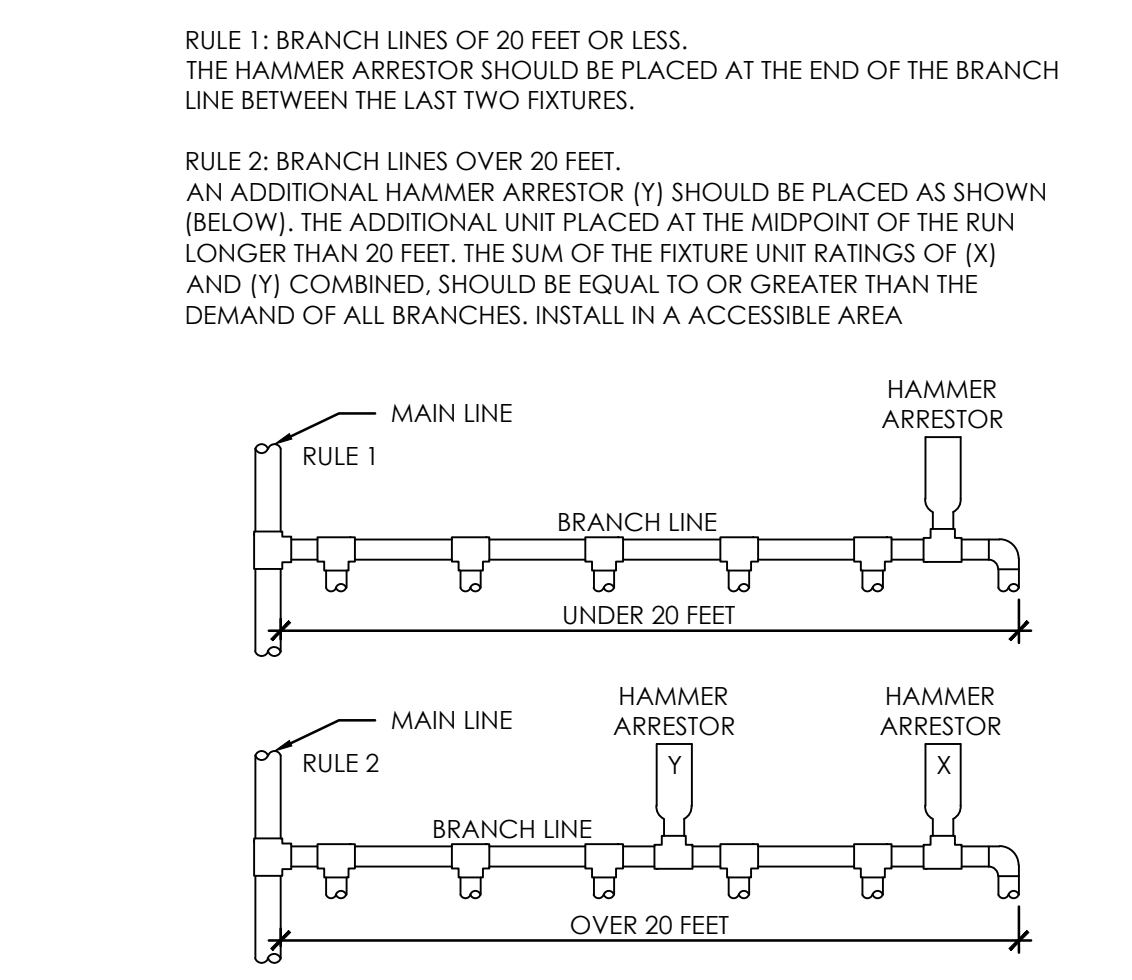
**8** TYP. EXTERIOR WALL HYDRANT  
P401 N.T.S.



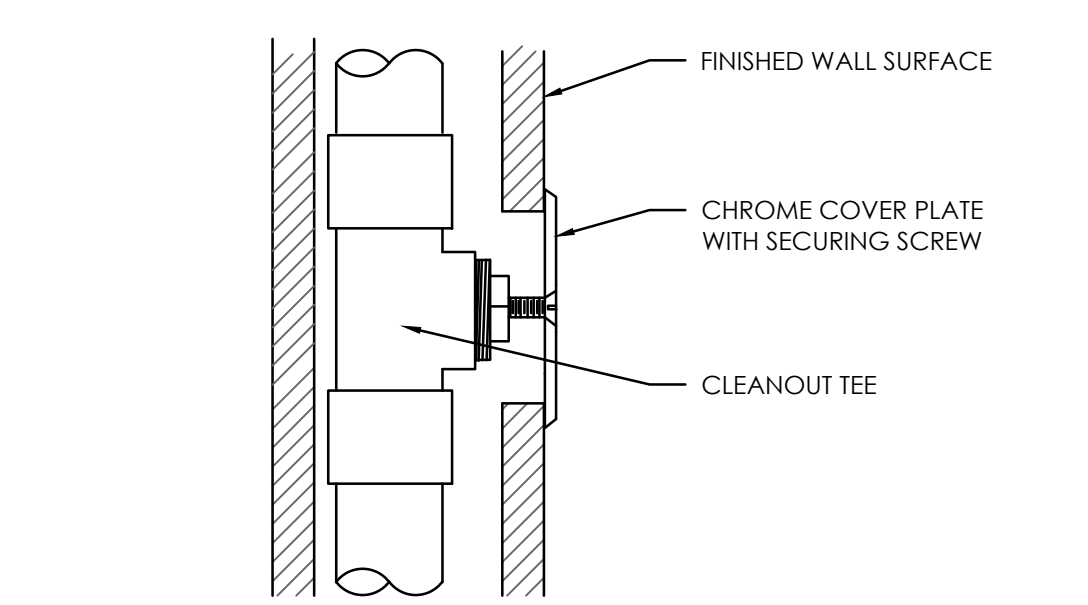
**7** TYP. FLOOR DRAIN  
P401 N.T.S.



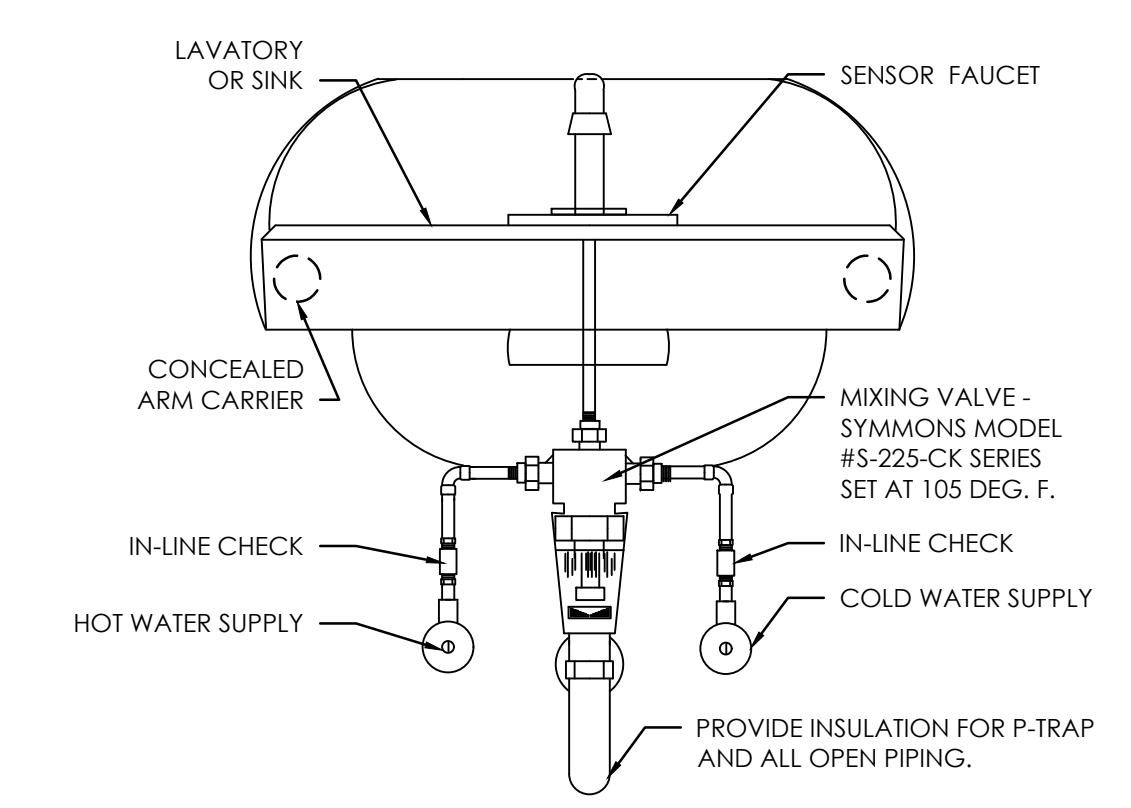
**6** TYP. GRADE CLEANOUT  
P401 N.T.S.



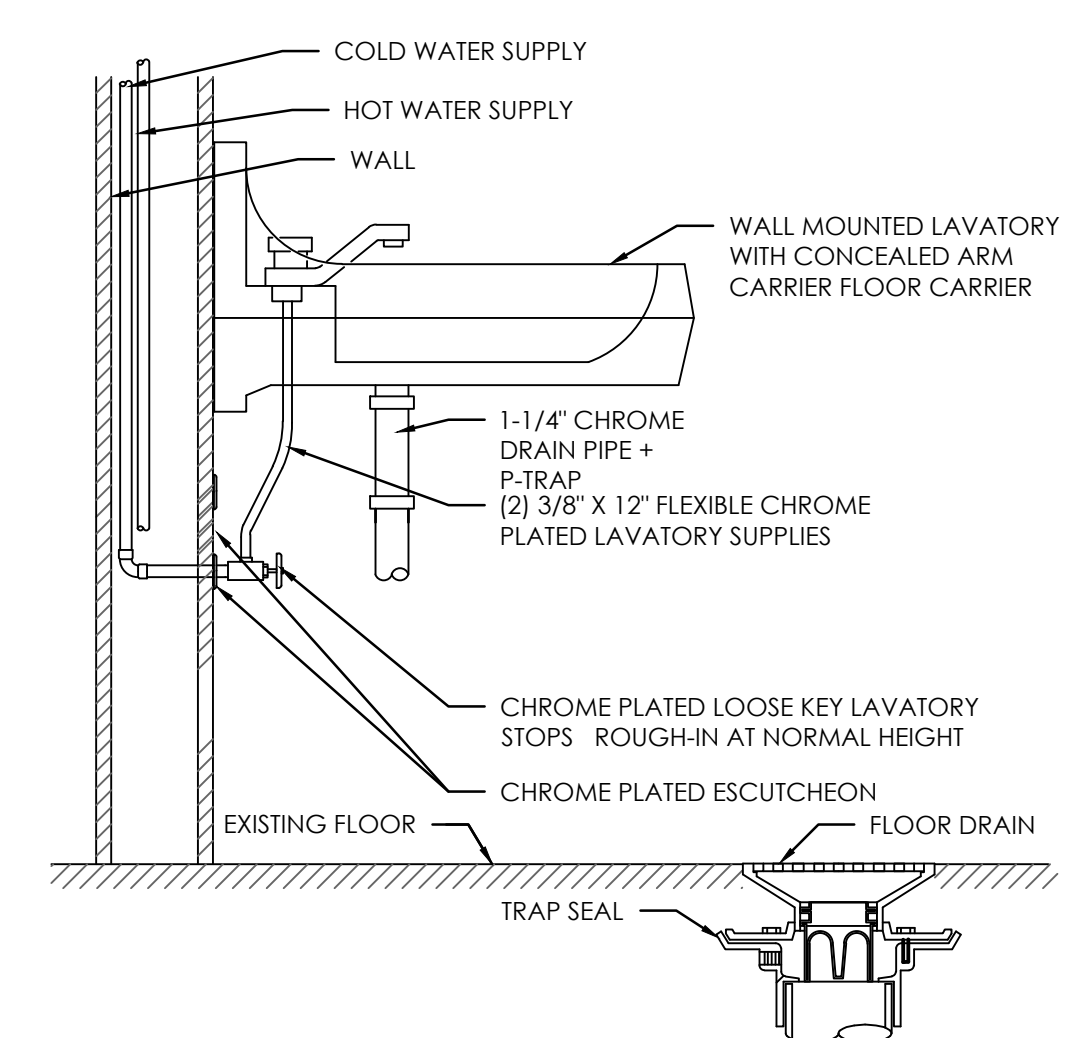
**5** TYP. WATER HAMMER ARRESTOR  
P401 N.T.S.



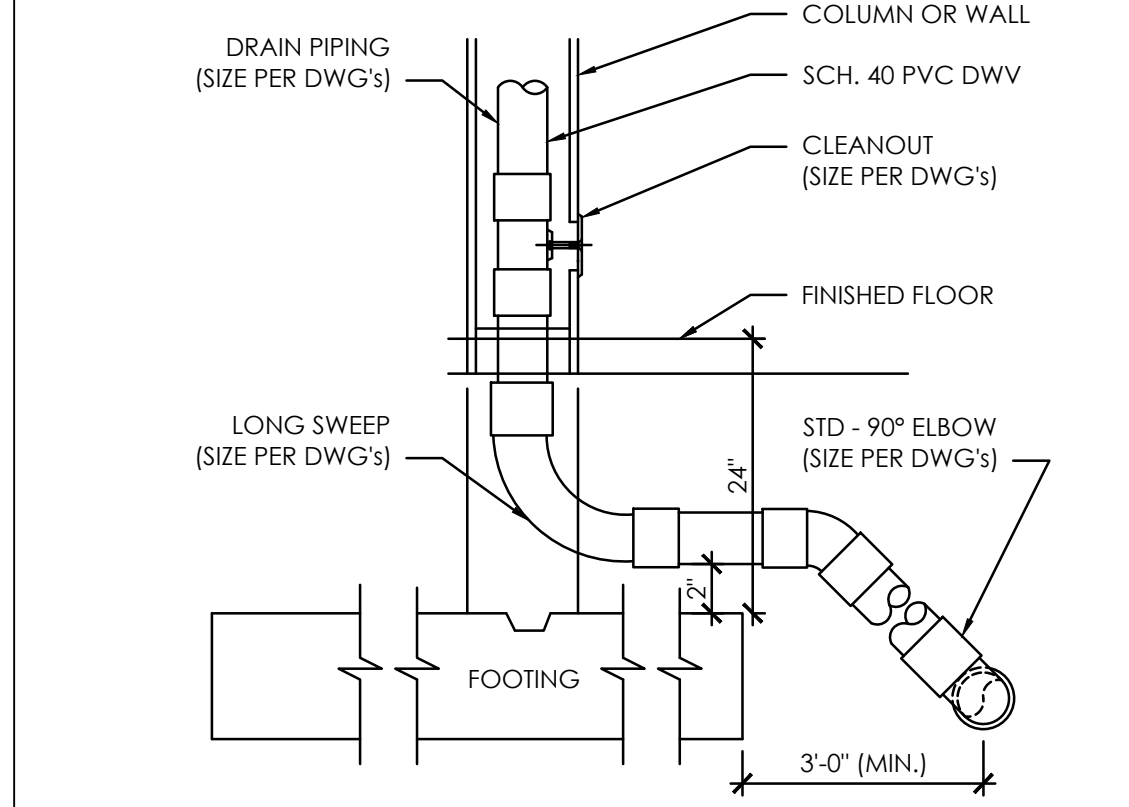
**4** TYP. WALL CLEANOUT  
P401 N.T.S.



**3** TYP. FIXTURE MIXING VALVE  
P401 N.T.S.



**2** TYP. TRAP SEAL  
P401 N.T.S.



**1** TYP. DRAINAGE PIPING  
P401 N.T.S.

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Schedule Index													
TAG	DESCRIPTION	CONNECTION SIZE				DFU(709.1)	QTY	TOTAL	COMPONENT	MANUFACTURER	MODEL	FINISH	NOTES
		COLD WATER	HOT WATER	WASTE	VENT								
WC-1	FLOOR-MOUNT WATER CLOSET	1/2"	-	4"	2"	4	14	56	WATER CLOSET OPEN FRONT SEAT SUPPLY	AMERICAN STANDARD AMERICAN STANDARD AMERICAN STANDARD	2333.100.	WHITE/CHROME WHITE POL.CHROME	FLOOR MOUNTED, CADET, ELONGATED, PRESSURE ASSIST 1.6 GPF WATER CLOSET  LOOSE KEY STOP
L-1	WALL- MOUNT LAVATORY	1/2"	1/2"	2"	2"	1	15	15	LAVATORY STAINER P-TRAP FAUCET SUPPLIES LAV GUARD SOAP DEPENSOR	AMERICAN STANDARD AMERICAN STANDARD AMERICAN STANDARD	0355.012 LUCERNE 2411.015 6059.105.002	WHITE POL.CHROME POL.CHROME POL.CHROME	COORD. MODEL NUMBER TO POSITION SOAP DISPENSER AT WALL-SIDE OF LAV.  WITH ESCUTCHEON AND CLEANOUT ELECTRONIC SINGLE HOLE BATHROOM FAUCET WITH - AC HARDWIRED TRANSFORMER POL. CHROME FLEX TUBE SUPPLIES AND VALVES COVER TA I P I E C E , P - T R A P , S U P P L I E S A N D V A L V E S
S-1	LOUNGE SINK	1/2"	1/2"	2"	2"	2	1	2	SINGLE BOWL STAINER P-TRAP FAUCET SUPPLIES	ELKAY - - CHICAGO FAUCETS	#VALUE! - - 1100-317ABCP	STAINLESS STEEL STAINLESS STEEL POL.CHROME -	- - - 8" SWING SPOUT, 4 INCH WRISTBLADE HANDLES, E3 2.2 GPM AERATOR 3/8" FLEX HOSE SUPPLIES AND POL.CHROME KEY STOPS
S-2	LOUNGE SINK	1/2"	1/2"	2"	2"	2	1	2	DOUBLE BOWL STAINER P-TRAP FAUCET SUPPLIES	ELKAY - - CHICAGO FAUCETS	LRAD332155. - - 1100-317ABCP	STAINLESS STEEL STAINLESS STEEL POL.CHROME -	- - - 8" SWING SPOUT, 4 INCH WRISTBLADE HANDLES, E3 2.2 GPM AERATOR 3/8" FLEX HOSE SUPPLIES AND POL.CHROME KEY STOPS
SS-1	MOP SINK	1/2"	1/2"	3"	2"	2	2	4	FLOORSINK FAUCET HOSE AND BRACKET MOP HANGER	MUSTEE MUSTEE MUSTEE MUSTEE	63M 63.600A 65.700 65.600	WHITE CHROME STAINLESS STEEL STAINLESS STEEL	- - WITH INTEGRAL VACCUM BREAKERS SHORTEN HOSE TO PROVIDE AIR GAP -
SH-1	SHOWER HEAD	1/2"	1/2"	3"	2"	2	2	4	-	KOHLER	FORTE K-10240	STAINLESS STEEL	KOHLER RITE-TEMP K-305 WITH PRESSURE BALANCED THERMOSTATIC MIXING
DWF-1	DRINKING FOUNTAIN	1/2"	-	2"	2"	0.5	2	1	-	ELKAY	EZSTL8WSSK	STAINLESS STEEL	WITH BOTTLE FILTER. COORDINATE W/ELCTRICAL
HB-1	WALL HOSE BIB	3/4"	-	-	-	-	-	0	-	WOODFORD	B65	CHROME	18" ABOVE GRADE
TP-1	TRAP PRIMER	1/2"	-	-	-	-	-	0	-	MIFAB	M1-100-10	-	ELECTRONIC TRAP PRIMER 120/1PH TO ALL FLOOR DRAIN UNLESS OTHERWISE NOTED
TP-2	TRAP PRIMER	1/2"	-	-	-	-	-	0	-	MIFAB	M1-100-15	-	ELECTRONIC TRAP PRIMER 120/1PH TO ALL FLOOR DRAIN UNLESS OTHERWISE NOTED
FD-1	FLOOR DRAIN	-	-	3"	2"	-	-	0	-	ZURN	-	STAINLESS STEEL	TRAP PRIMER CONNECTION TO ALL FLOOR DRAINS UNLESS OTHERWISE NOTED
FCO-1	FLOOR CLEANOUT	-	-	SEE PLANS	SEE PLANS	-	-	0	-	ZURN	ZS1400	STAINLESS STEEL	-
WCO-1	WALL CLEAN-OUT	-	-	SEE PLANS	SEE PLANS	-	-	0	-	ZURN	Z1441	STAINLESS STEEL	-

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LEGEND OF SYMBOLS

(SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT)

Table with 4 columns: Symbol, Description, Symbol, Description. Includes symbols for equipment mark types, section indicators, key note indicators, revision indicators, diffusers, duct dimensions, supply/return air, valves, dampers, and sensors.

PROJECT GENERAL NOTES

- 1. INTENT OF THE DRAWINGS AND SPECIFICATIONS ARE TO PROVIDE A COMPLETE HEATING, VENTILATION AND AIR CONDITIONING SYSTEM FOR THE PROPOSED PROJECT. THE SYSTEMS PROVIDED SHALL CONFORM TO THE DETAILS STATED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS. ITEMS OR WORK NOT SHOWN OR SPECIFIED, BUT REQUIRED FOR A COMPLETE HEATING, VENTILATION AND AIR CONDITIONING SYSTEM, SHALL BE PROVIDED AND SHALL CONFORM WITH ACCEPTED TRADE PRACTICES, LOCAL CODES, AND GOVERNING AUTHORITIES.

HVAC SYSTEM DESIGN CRITERIA

HVAC SYSTEMS DESCRIPTION
Design Conditions
Outdoors: Summer: 92.0 Degrees F Dry Bulb
74.0 Degrees F Wet Bulb
Winter: -6 Degrees F

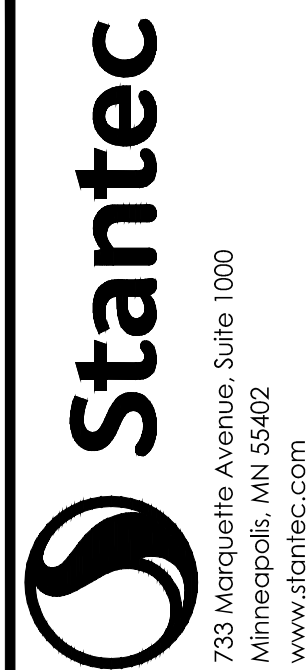
LIST OF DRAWINGS

Table with 2 columns: Drawing ID, Description. Includes M001 (MECHANICAL GENERAL NOTES LEGEND, SYMBOLS & ABBREVIATIONS), M201 (MEZZANINE MECHANICAL FLOOR PLAN), M301 (MECHANICAL FLOOR PLAN - OVERALL), M401 (MECHANICAL FLOOR PLAN - ENLARGE), M402 (MECHANICAL FLOOR PLAN - ENLARGE), M403 (MECHANICAL FLOOR PLAN - ENLARGE), M404 (MECHANICAL FLOOR PLAN - ENLARGE), M501 (MECHANICAL SCHEDULES), M501 (MECHANICAL SCHEDULES), M601 (MECHANICAL DETAILS - 1 OF 2), M602 (MECHANICAL DETAILS - 2 OF 2).

ABBREVIATIONS

(SOME ABBREVIATIONS MAY NOT BE USED ON THIS PROJECT)

Large table with 4 columns: Abbreviation, Description, Abbreviation, Description. Lists various abbreviations used in the drawings, such as ASV, A/C, AD, AF, AHU, ALT, ALUM, ARCH, ATC, etc.



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Minneapolis, MN 55402
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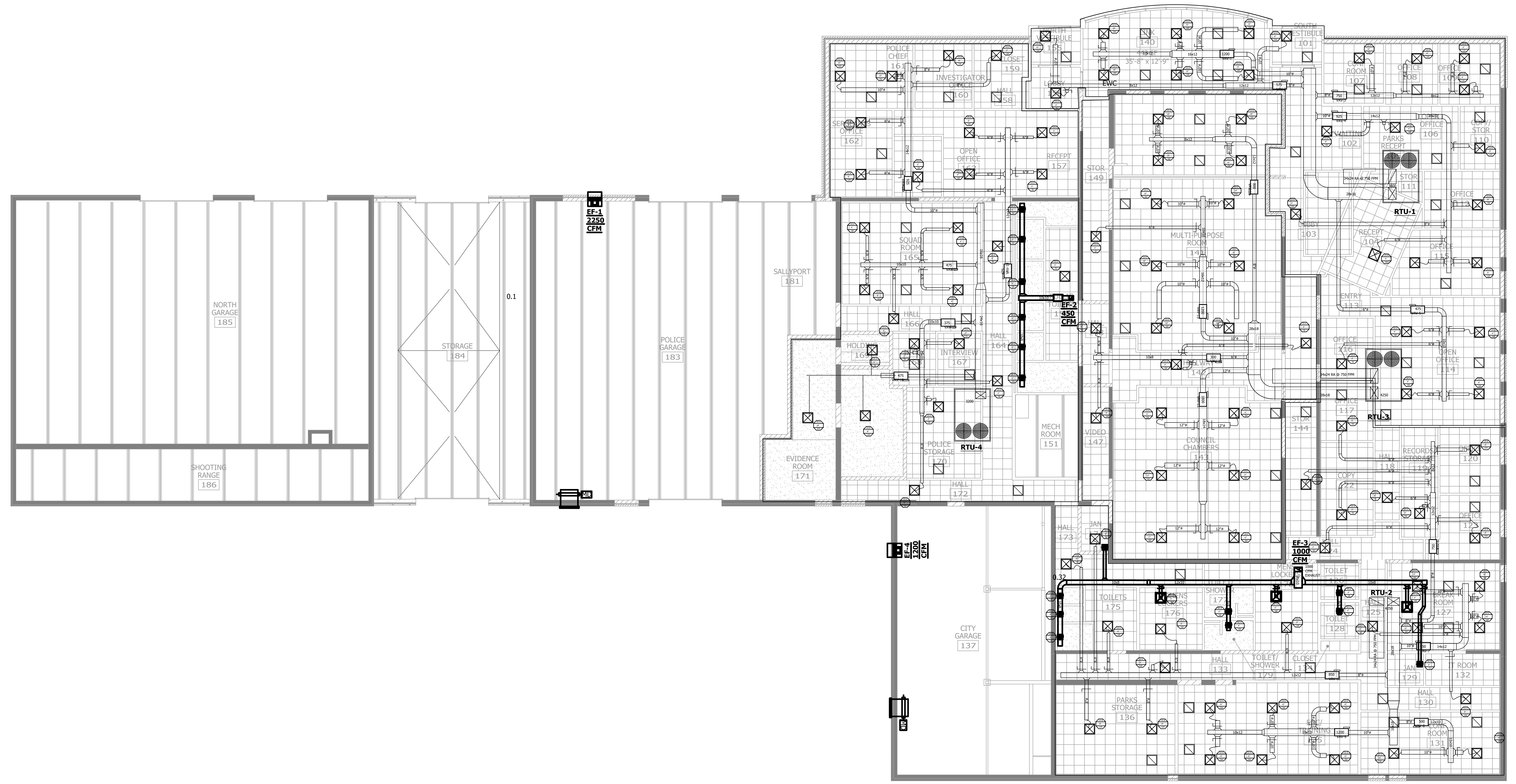
DATE: 11/28/2024 11:20:33 AM
JOB NO.: 193060497
JOB NAME: CITY HALL RENOVATION/EXPANSION

CITY OF SPRING LAKE PARK, MINNESOTA
CITY HALL RENOVATION/EXPANSION
MECHANICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

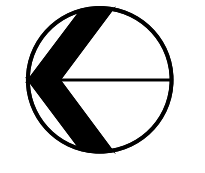
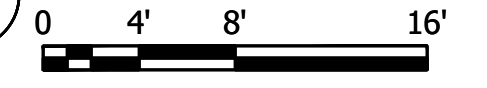
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Project Name: 193060497-City Hall
Project Path: C:\Users\jrsig\OneDrive\Documents\193060497-City Hall\193060497-City Hall.dwg
User: jrsig

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**1** MECHANICAL FLOOR PLAN - OVERALL



Plot Date: 09/07/2023 1:10:46pm  
User: jstuart  
XREF: 1:38303556.X11A, 1:38303556.P208, 1:38303556.X11A

DESIGNED BY: JEREMY BEED  
CHECKED BY: JEREMY BEED  
DATE: 08/25/2023 11:00:00  
LIC. NO.: 000000

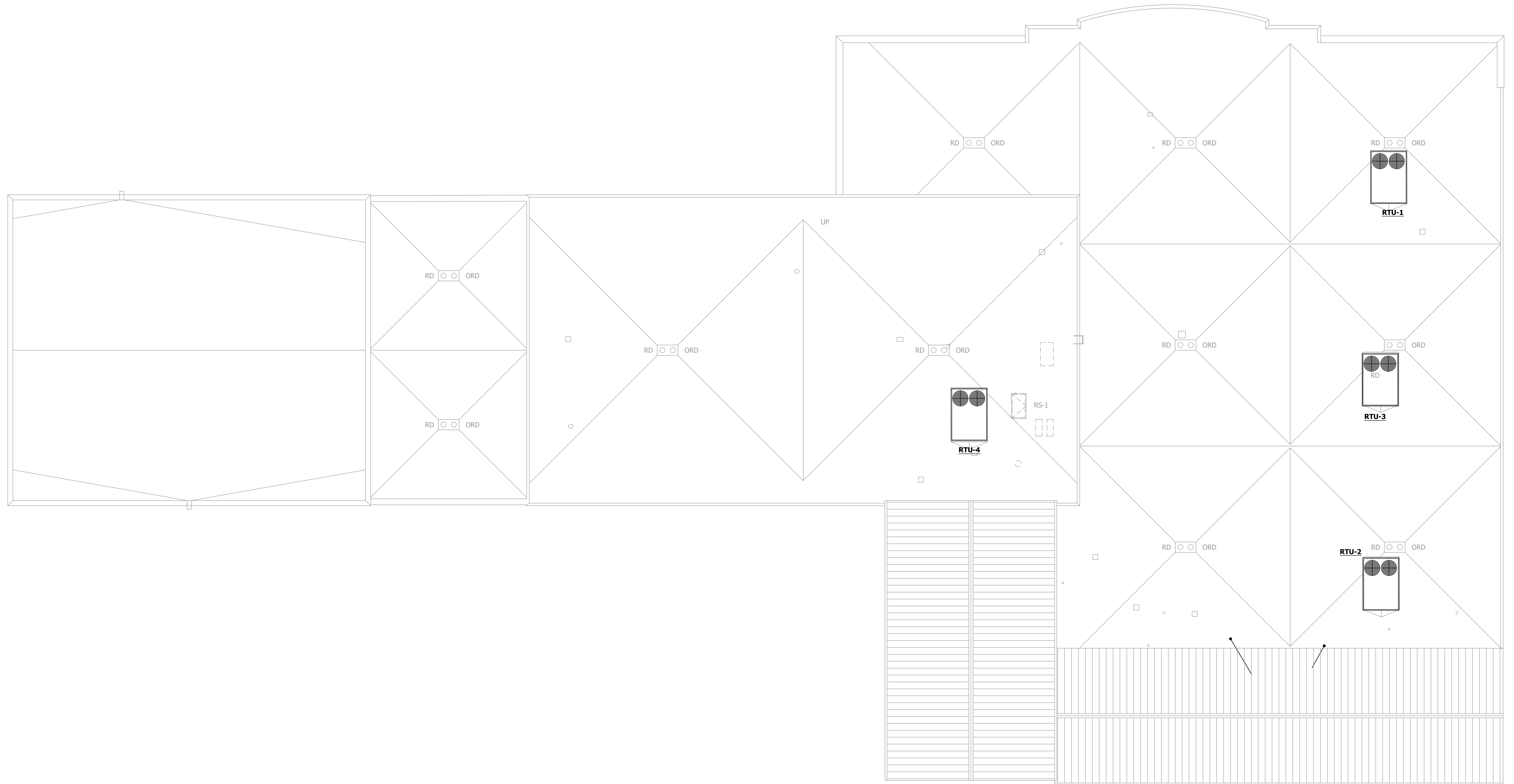
CITY OF SPRING LAKE PARK, MINNESOTA  
CITY HALL RENOVATION/EXPANSION  
MECHANICAL FLOOR PLAN - OVERALL

NO	REVISION	DATE

PROJ. NO. 193806049  
SHEET NUMBER  
**M101**

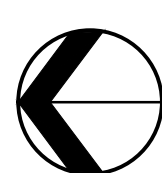
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DRAWN	NNG
DESIGNED	NNG
CHECKED	JR
APPROVED	

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING AND PROPOSED CONDITIONS. REVISIONS SHALL BE IDENTIFIED BY DATE AND NUMBER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES CAUSED BY ANY WORK UNDER THE CONTRACT. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES CAUSED BY ANY WORK UNDER THE CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES CAUSED BY ANY WORK UNDER THE CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.



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1 RENOVATED/EXPANDED MECHANICAL ROOF PLAN



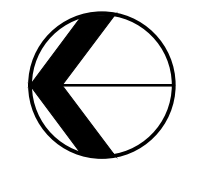
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DESIGNED	NNG
CHECKED	JR
APPROVED	
PROJECT NO.	19380647
SHEET NUMBER	M102

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SPRING LAKE PARK, MINNESOTA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SPRING LAKE PARK, MINNESOTA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SPRING LAKE PARK, MINNESOTA.



1 MEZZANINE MECHANICAL FLOOR PLAN  
0 4' 8' 16'



Proj Date: 09/07/2023 11:09:59am  
 XREF: 193806047.rvt  
 Project: 193806047.rvt  
 User: JEROMY REED  
 Project: 193806047.rvt  
 User: JEROMY REED

WE HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER AND THAT I AM A DUTY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 PRINT NAME: JEROMY REED  
 SIGNATURE: \_\_\_\_\_  
 DATE: 09/07/2023 LIC. NO.: 00000

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MEZZANINE MECHANICAL FLOOR PLAN

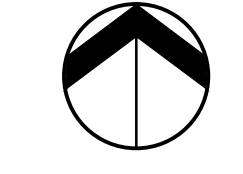
NO.	REVISION	DATE

SURVEY \_\_\_\_\_  
 DRAWN NNG  
 DESIGNED NNG  
 CHECKED JR  
 APPROVED \_\_\_\_\_  
 PROJ. NO. 193806047  
 SHEET NUMBER  
**M201**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.



**1** PARTIAL ENLARGED MECHANICAL FLOOR PLAN  
 0 2' 4' 8'



Proj Date: 09/07/2023 - 10:13am  
 DWG NO: 193806049-MECH-114  
 FILE: 193806049-MECH-114.dwg  
 PROJECT: 193806049 - CITY HALL RENOVATION/EXPANSION  
 REVISION: 1

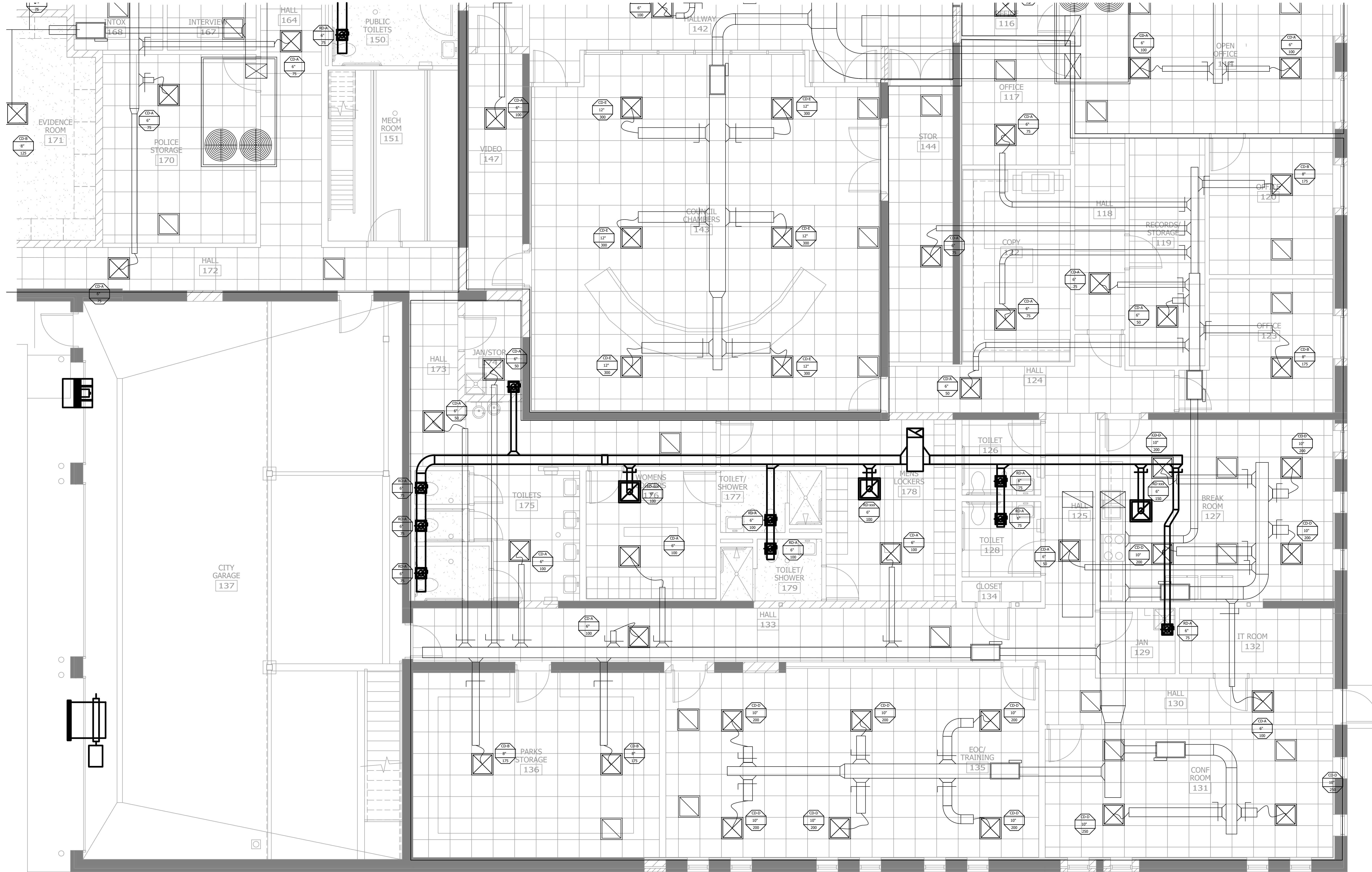
THIS DOCUMENT IS THE PROPERTY OF STANTEC INC. AND IS TO BE USED ONLY FOR THE PROJECT AND LOCATION IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR DISTRIBUTED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF STANTEC INC. ANY UNAUTHORIZED USE OR REPRODUCTION OF THIS DOCUMENT IS STRICTLY PROHIBITED.  
 PRINT NAME: JEREMY REED  
 SIGNATURE:  
 DATE: 08/28/2023 11:20:03 LIC. NO.: 385303

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 PARTIAL ENLARGED MECHANICAL FLOOR PLAN

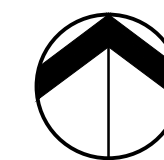
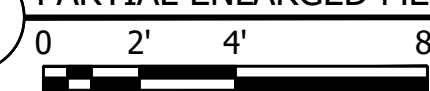
NO. REVISION	DATE
SURVEY	
DRAWN	NHG
DESIGNED	NHG
CHECKED	JLR
APPROVED	
PROJECT NO.	193806049
SHEET NUMBER	<b>M401</b>



THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



1 PARTIAL ENLARGED MECHANICAL FLOOR PLAN



Plot Date: 09/07/2023 11:01:48am  
 XREF: 133803556.X11A, 133803556.P&B, 133803556.X11A

DESIGNED BY: JEREMY REED  
 DRAWN BY: JEREMY REED  
 CHECKED BY: JEREMY REED  
 APPROVED BY: JEREMY REED  
 PROJECT NO.: 193806049  
 SHEET NO.: M402

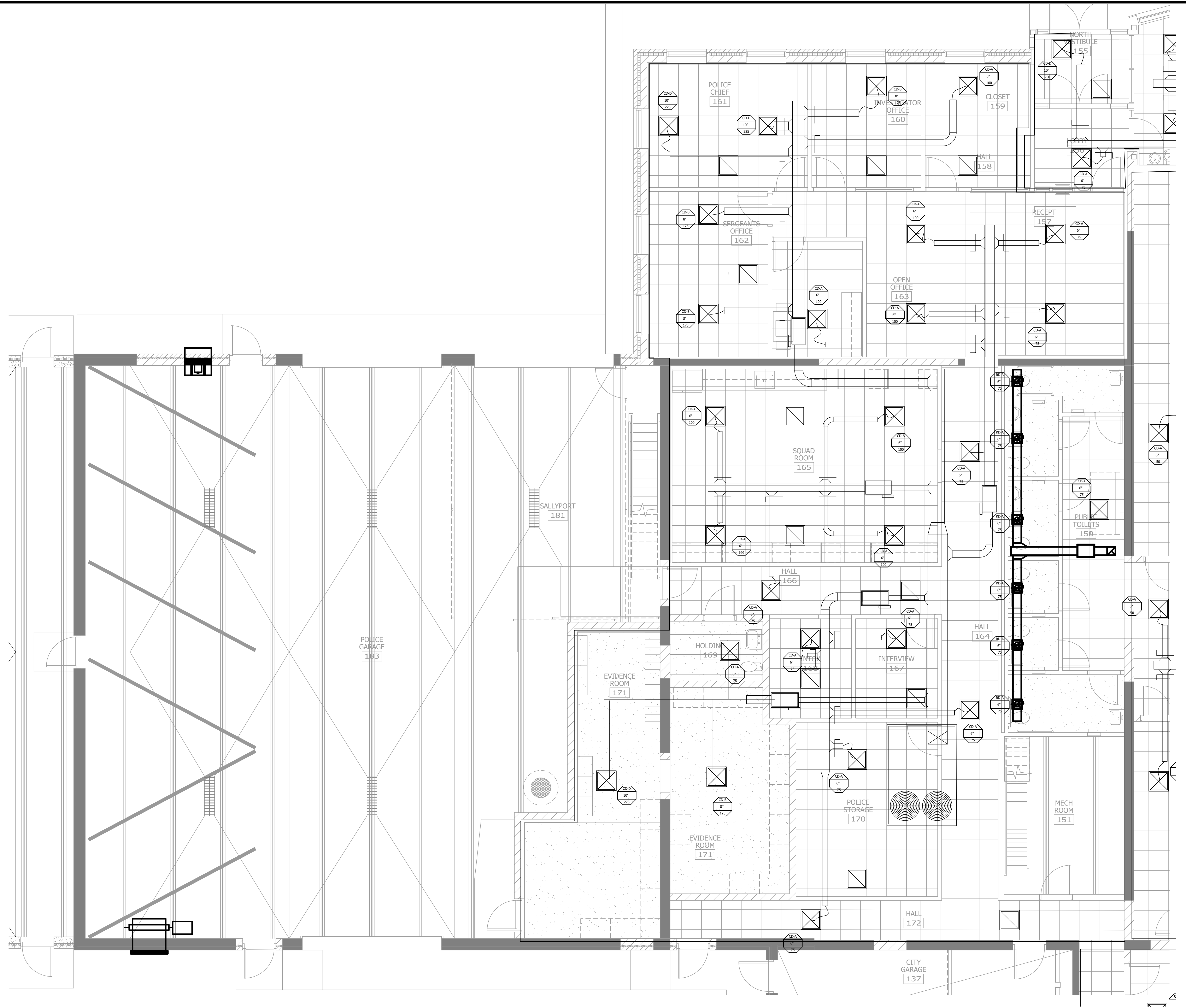
CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 PARTIAL ENLARGED MECHANICAL FLOOR PLAN

NO.	REVISION	DATE

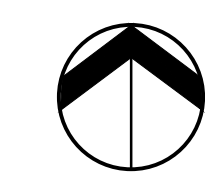
SURVEY  
 DRAWN: NNG  
 DESIGNED: NNG  
 CHECKED: JR  
 APPROVED: JR

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. DIMENSIONS SHALL BE TAKEN FROM THE CENTERLINE UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR ALTERATION FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Proj Date: 09/07/2023, 11:01:55am  
User: jstewart  
File Path: \\server\projects\19386\404\19386\404\MECH.dwg  
Scale: 1/8"=1'-0"



1 PARTIAL ENLARGED MECHANICAL FLOOR PLAN  
0 2' 4' 8'



NO REVISION	DATE
SURVEY	
DRAWN	NN3
DESIGNED	NN3
CHECKED	JR
APPROVED	
PROJ. NO.	19386049
SHEET NUMBER	M403

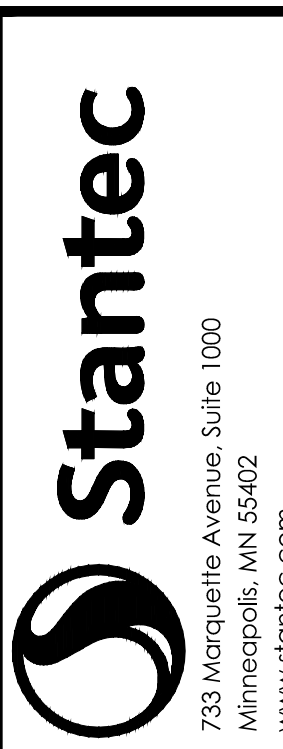
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS AND DIMENSIONS ARE THE PROPERTY OF STANTEC. REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS PROHIBITED.

### AIR OUTLET SCHEDULE (CEILING DIFFUSERS)

DESIGNATION	OVERALL SIZE	NECK SIZE Ø	FRAME SIZE	CFM RANGE	MAX NC	MANUFACTURER	MODEL	REMARKS
CD-A	12X12	6"	24X24	0-100	20	PRICE	SPD	SUPPLY
CD-B	24X24	6"	24X24	0-100	20	PRICE	SPD	SUPPLY
CD-C	24X24	8"	24X24	101-175	20	PRICE	SPD	SUPPLY
CD-D	24X24	10"	24X24	176-300	20	PRICE	SPD	SUPPLY
CD-E	24X24	14"	24X24	301-530	20	PRICE	SPD	SUPPLY
RD-A	12X12	6"	12X12	0-100	20	PRICE	SPD	RETURN
RD-B	24X24	6"	24X24	0-100	20	PRICE	SPD	RETURN
RD-E	24X24	15"	24X24	301-530	20	PRICE	SPD	RETURN

- NOTES:
1. FINISHES AND COLOR SHALL BE SPECIFIED BY THE ARCHITECT.
  2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  3. ALL DIFFUSERS SHALL BE SUITABLE FOR THE TYPE OF CEILING CONSTRUCTION THAT ARE BEING INSTALLED IN. COORDINATE WITH ARCHITECT.
  4. INSTALL FOUR (4) WAY DIFFUSER WITH BLANK OFF BAFFLES FOR 2-WAY OR 3-WAY BLOW.
  5. ALL DIFFUSERS THAT SERVE AREAS WITHOUT HUNG CEILING SHALL BE SUITABLE FOR DUCTWORK MOUNTING.
  6. FOR ALL REGISTERS LOCATED IN GYPSUM CEILING, PROVIDE PLASTER FRAME.

Plot Date: 09/07/2025 11:01:25am  
 XREF: J:\03\193926\04\B-08  
 Project: J:\03\193926\04\B-08\project\193926\04\B-08\193926\04\B-08.dwg  
 User: JLR



723 Marquette Avenue, Suite 1100  
 Minneapolis, MN 55402  
 www.stantec.com

DESIGNED BY: JLR  
 CHECKED BY: JLR  
 DRAWN BY: JLR  
 DATE: 08/25/2025  
 PROJECT NO.: 193926047  
 SHEET NO.: M501

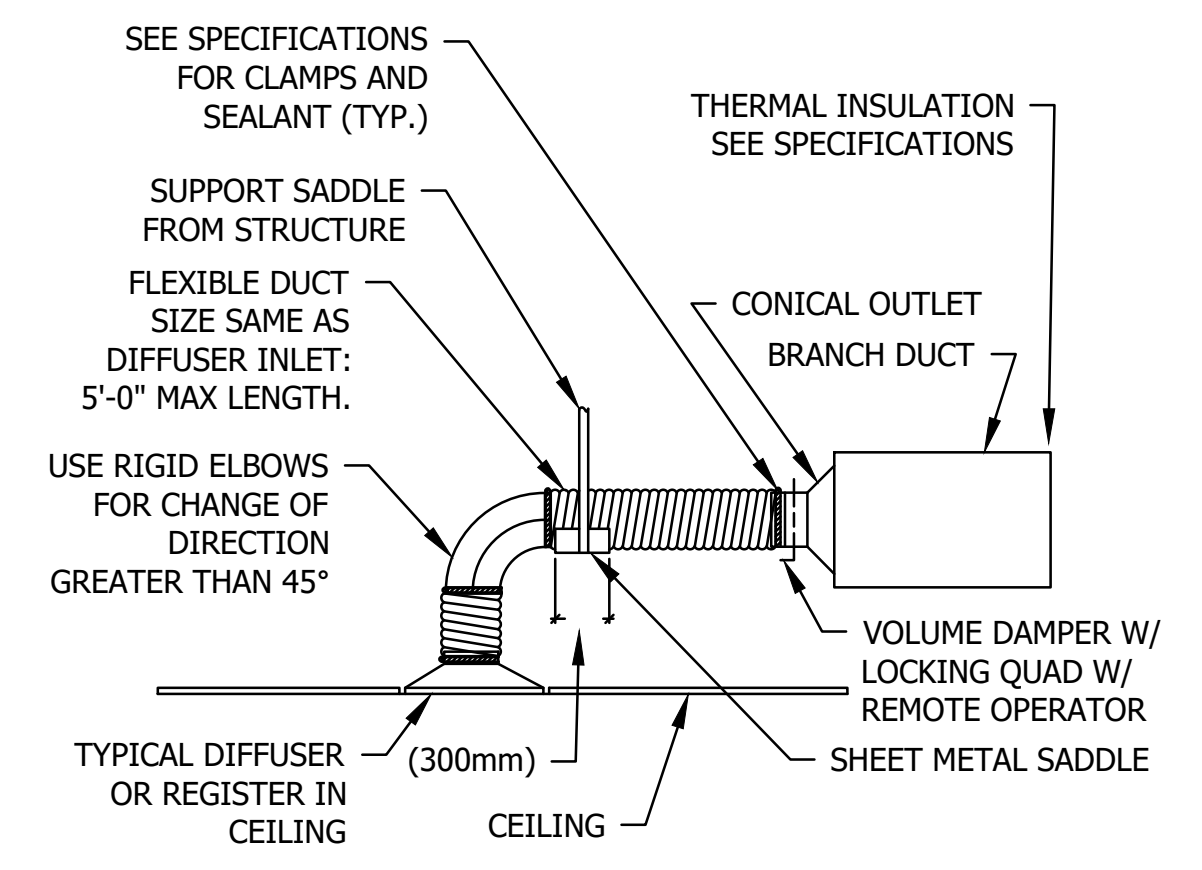
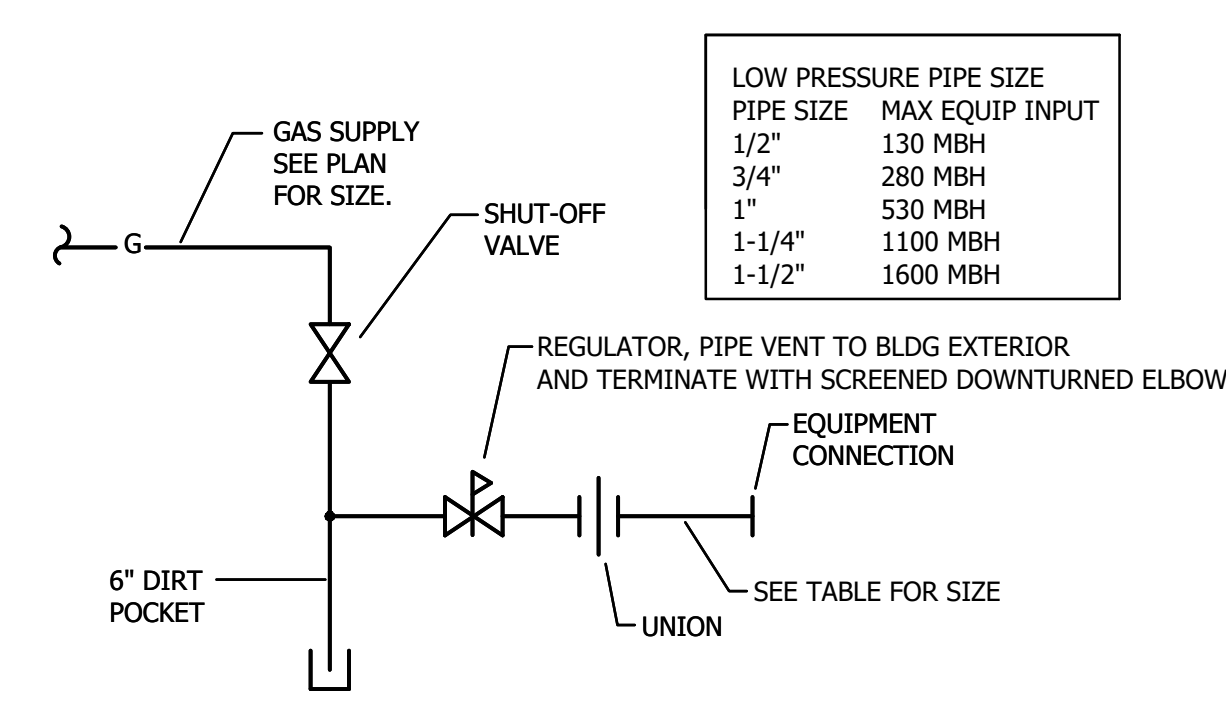
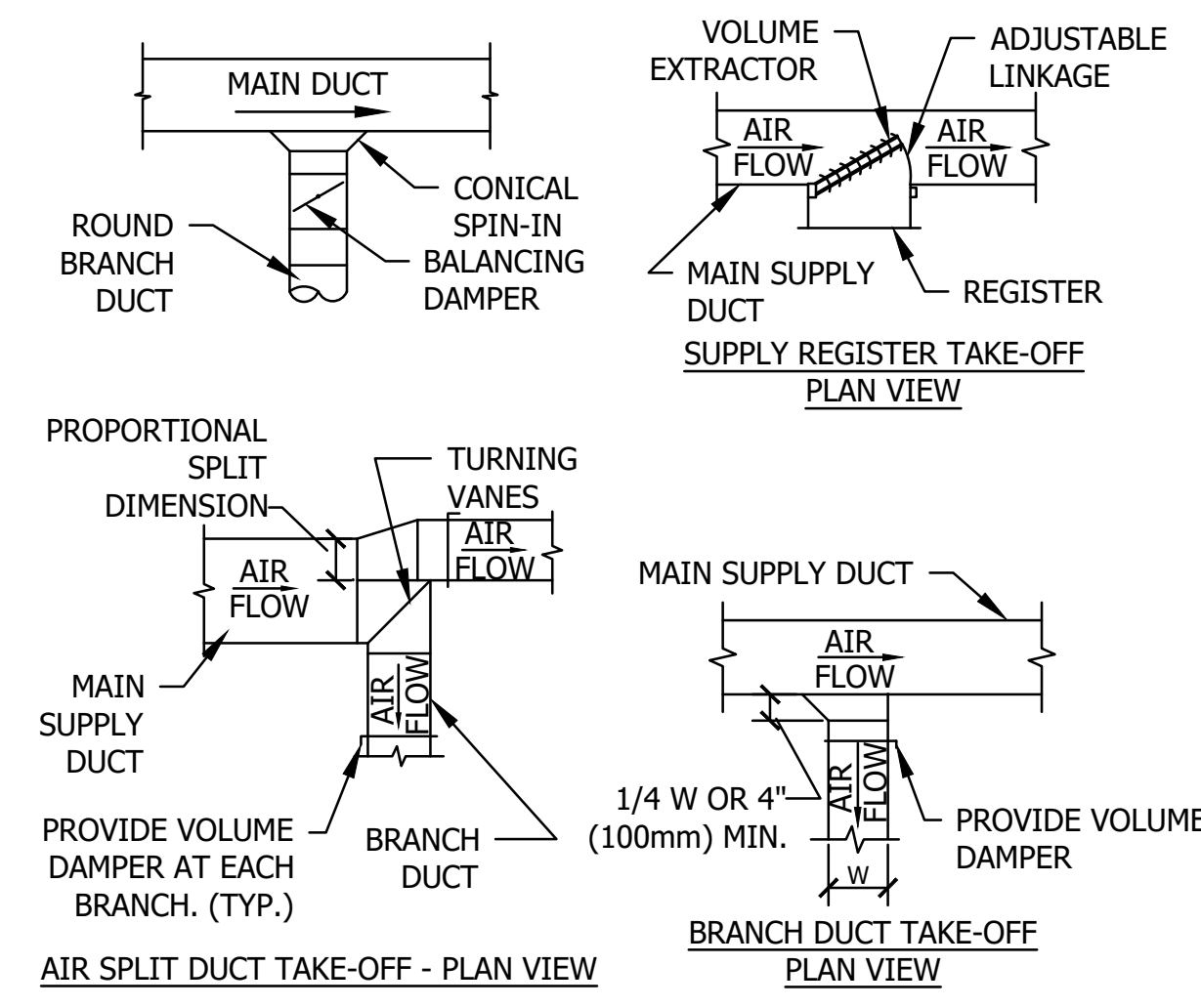
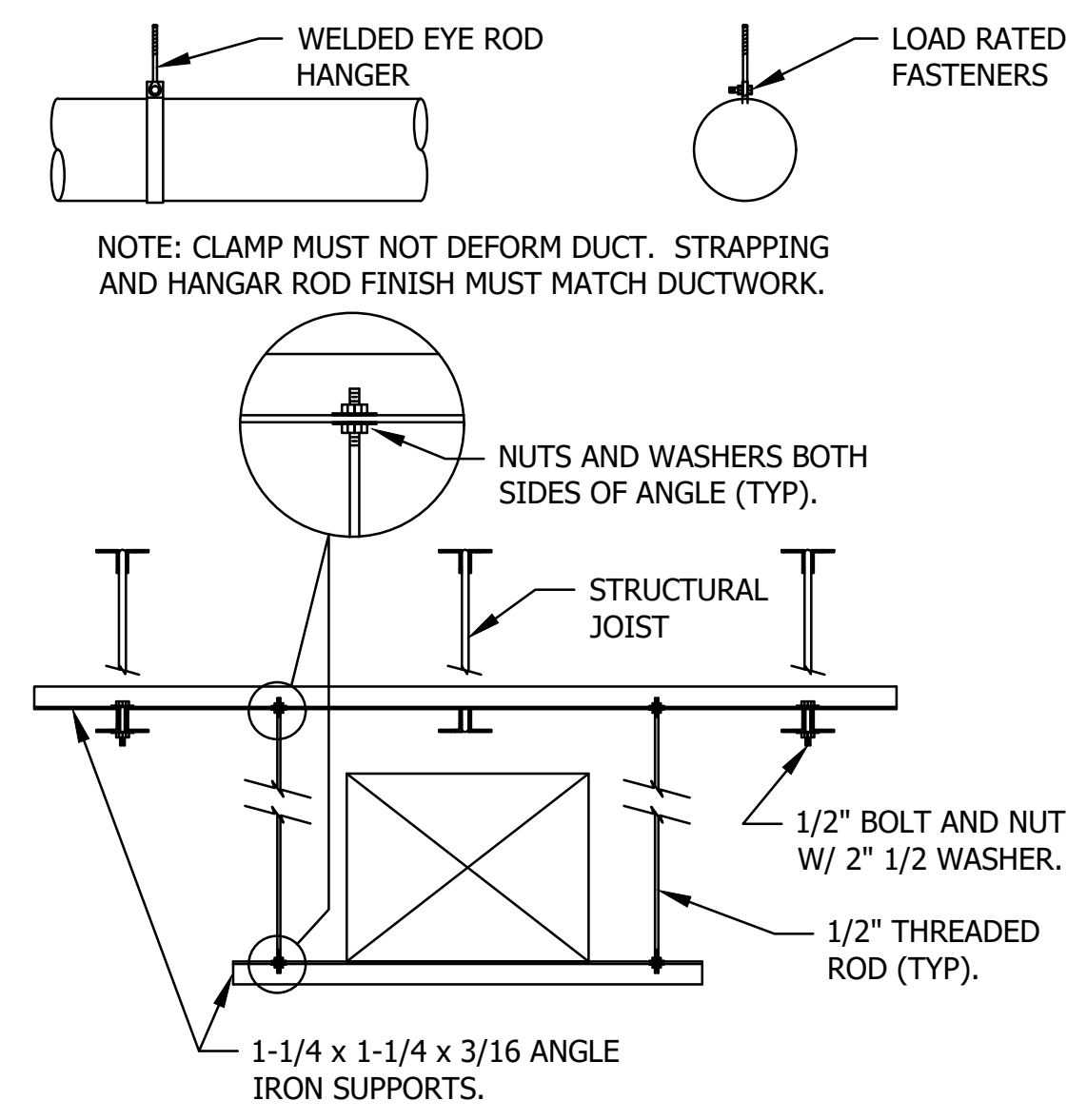
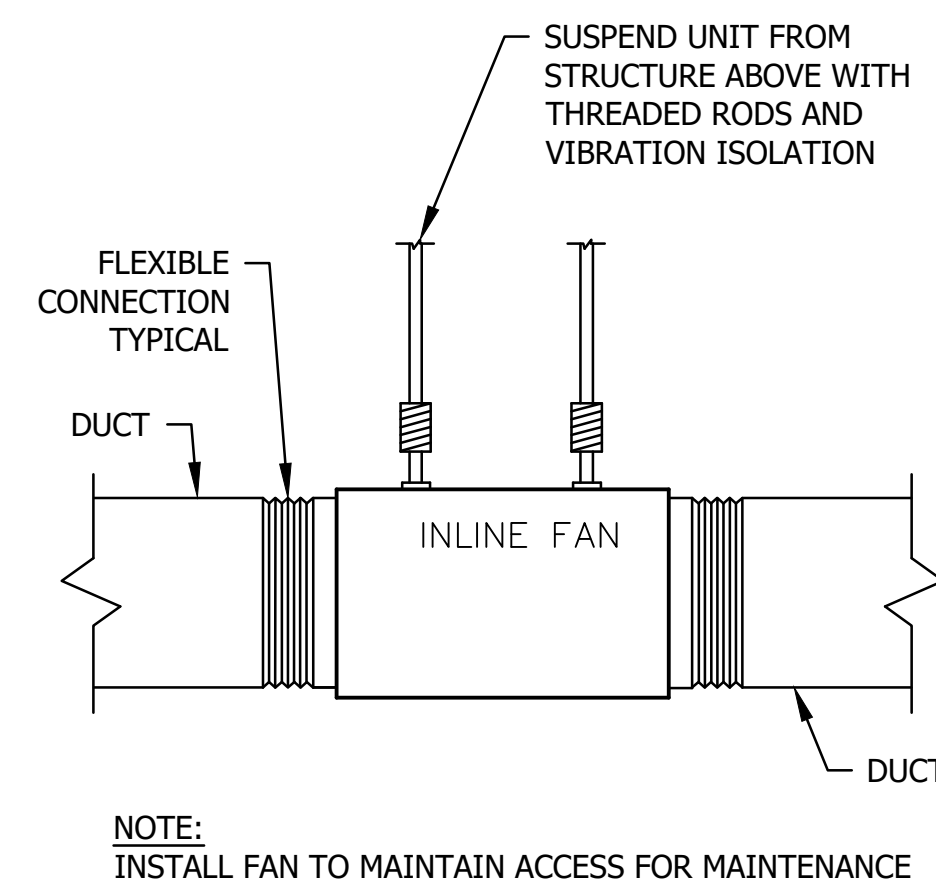
CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MECHANICAL SCHEDULES

NO	REVISION	DATE

SURVEY	
DRAWN	NNG
DESIGNED	NNG
CHECKED	JLR
APPROVED	

PROJ. NO.: 193926047  
 SHEET NUMBER  
 M501

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



**1**  
M 401 EXHAUST FAN (IN-LINE)  
N.T.S.

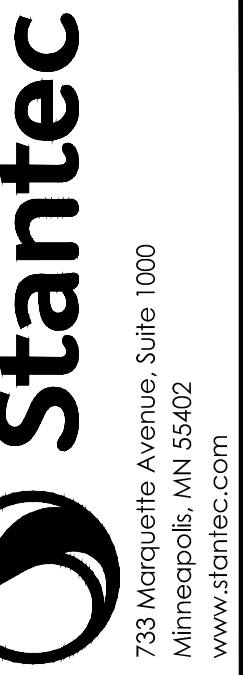
**2**  
M 401 DUCT SUPPORTS  
N.T.S.

**3**  
M 401 DUCT BRANCHES  
N.T.S.

**4**  
M 401 GAS APPLIANCE CONNECTION (7 INCH)  
N.T.S.

**5**  
M 401 GRD - IN HARD CEILING  
N.T.S.

Proj Date: 09/07/2022 - 10:18am  
User: J193826P320



733 Marquette Avenue, Suite 1000  
Minneapolis, MN 55402  
www.stantec.com

I hereby certify that I am a duly licensed Professional Engineer in the State of Minnesota.  
PRINT NAME: JEROMY L REED  
SIGNATURE: \_\_\_\_\_  
DATE: SEPTEMBER 11, 2022 UC: P03, 38384

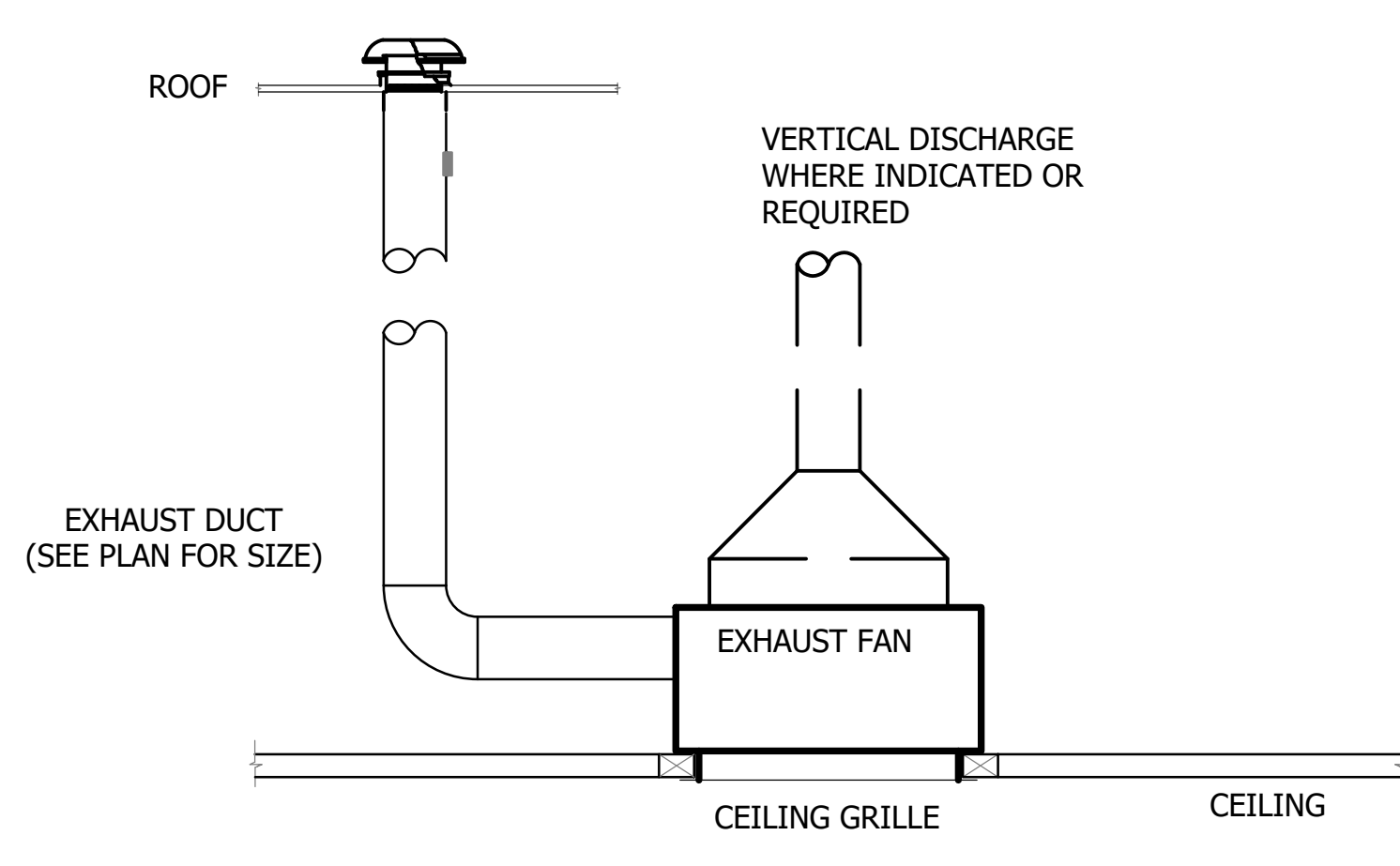
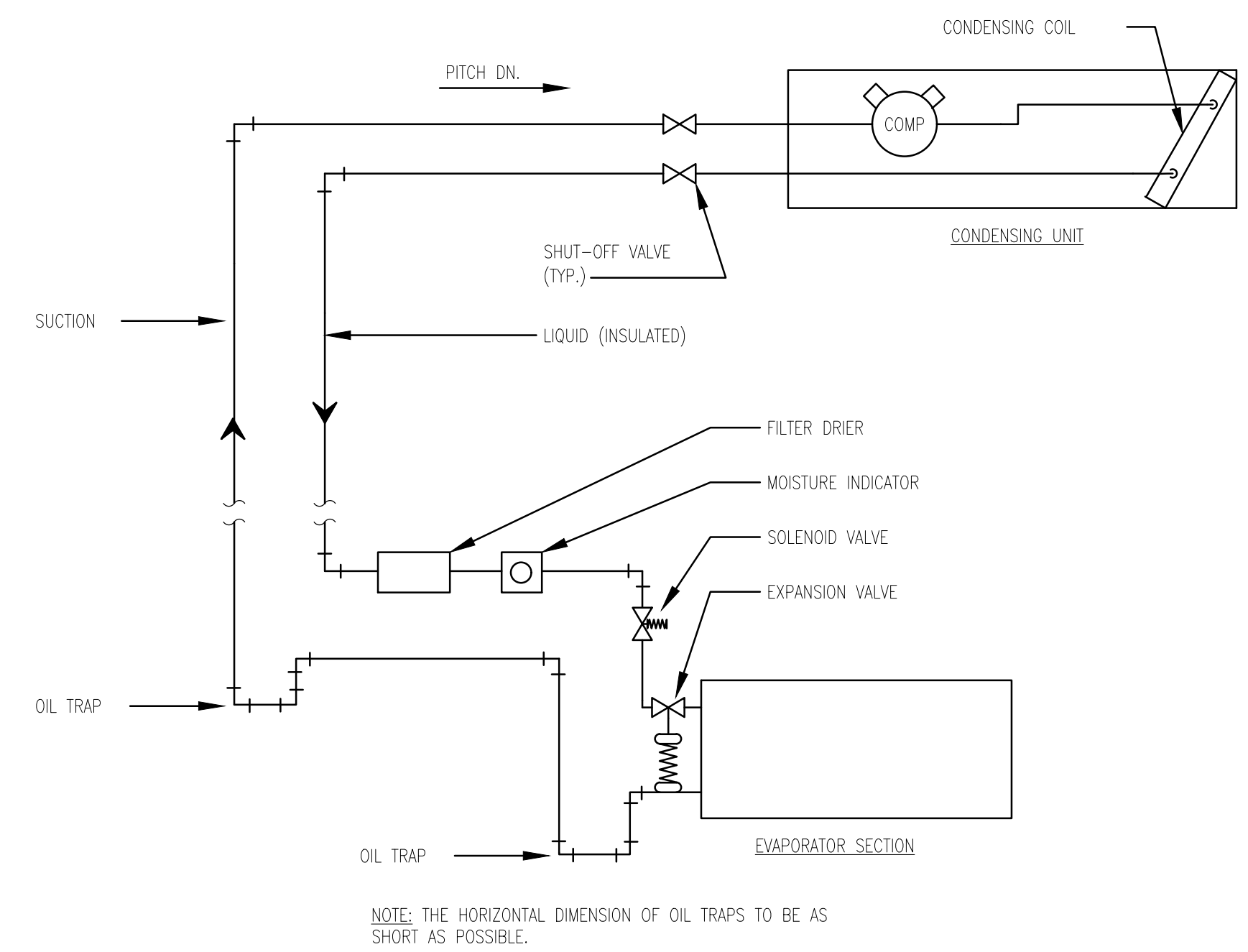
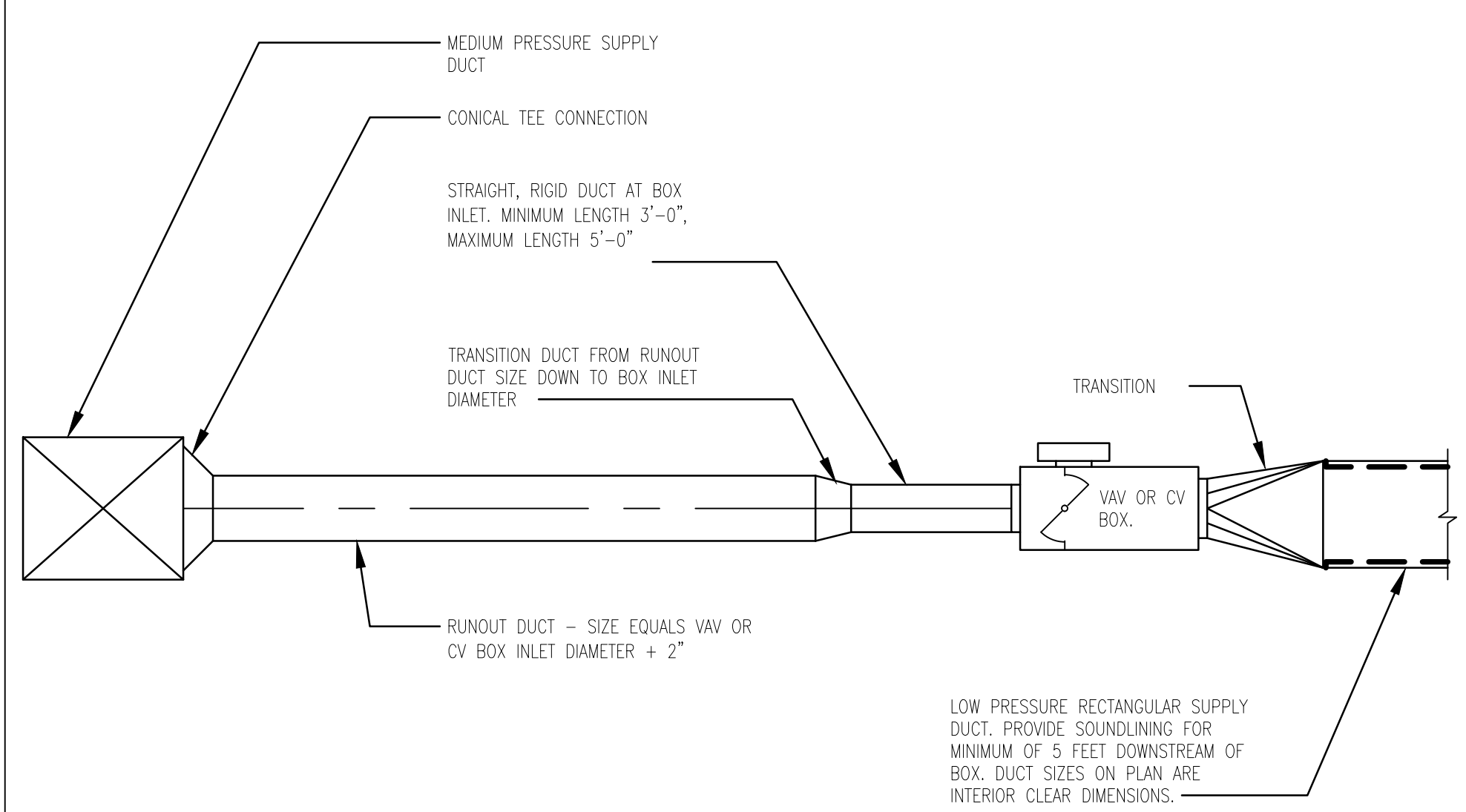
CITY OF SPRING LAKE PARK, MINNESOTA  
CITY HALL RENOVATION/EXPANSION  
MECHANICAL DETAILS

NO	REVISION	DATE

TASK	STATUS
SURVEY	
DRAWN	
DESIGNED	
CHECKED	
APPROVED	

PROJ. NO. 193826P320 SHEET NUMBER M401

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



**1** AIR TERMINAL CONNECTION DETAILS  
M 402 N.T.S.

**2** REFRIGERANT PIPING SCHEMATIC  
M 402 N.T.S.

**3** CEILING EXHAUST FAN  
M 402 N.T.S.

Plot Date: 09/07/2023 11:20:20am  
User: j1938049@stn.com  
File: \\stn\shared\project\1938049\CAD\Draw\1938049\M602.dwg

DESIGNED BY: JEROME L REED  
CHECKED BY: JEROME L REED  
DATE: 08/28/2023  
LIC. NO.: 08864

CITY OF SPRING LAKE PARK, MINNESOTA  
CITY HALL RENOVATION/EXPANSION  
MECHANICAL DETAILS

NO. REVISION DATE

SURVEY  
DRAWN NNG  
DESIGNED NNG  
CHECKED JLR  
APPROVED JLR

PROJ. NO. 1938049  
SHEET NUMBER  
**M602**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR ALTERATION FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

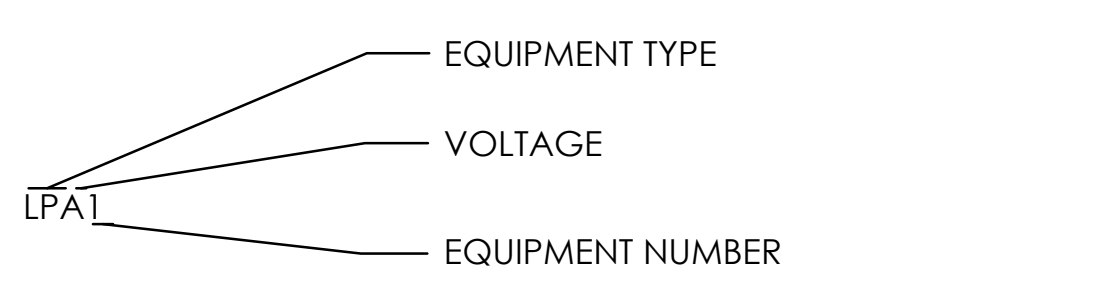
Plot Date: 09/07/2023 11:22:25am  
User: jrb@stntec.com  
Project: 19380649 (City of Spring Lake Park, Minnesota)  
Drawing: 19380649-02 (ELECTRICAL SYMBOLS SHEET)

### ONE-LINE DIAGRAM SYMBOLS

	INCOMING LINE
	POWER CIRCUIT BREAKER
	OIL CIRCUIT BREAKER
	CIRCUIT BREAKER
	DRAW-OUT CIRCUIT BREAKER
	LOAD BREAK INTERRUPTING SWITCH
	SINGLE THROW DISCONNECTING SWITCH
	DOUBLE THROW DISCONNECTING SWITCH
	FUSE
	DISCONNECTING FUSE
	SWITCH AND FUSE
	RESISTOR 1
	RESISTOR 2
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	LIGHTNING ARRESTER
	TRANSFORMER
	CAPACITOR
	MOTOR
	GENERATOR
	RELAY (* RELAY NO.)
	STRESS CONE
	FUSE CUTOUT
	ENCLOSED FUSE CUTOUT
	AMMETER
	AMMETER SWITCH
	DEMAND METER
	POWER FACTOR METER
	VOLTMETER
	VOLTMETER SWITCH
	WATTMETER
	WATTHOUR METER
	WATTHOUR METER WITH DEMAND REGISTER
	MULTI-FUNCTION METER
	METER
	TRANSIENT VOLTAGE SURGE SUPPRESSOR
	KEY INTERLOCK
	AUTOMATIC TRANSFER SWITCH (A.T.S.)

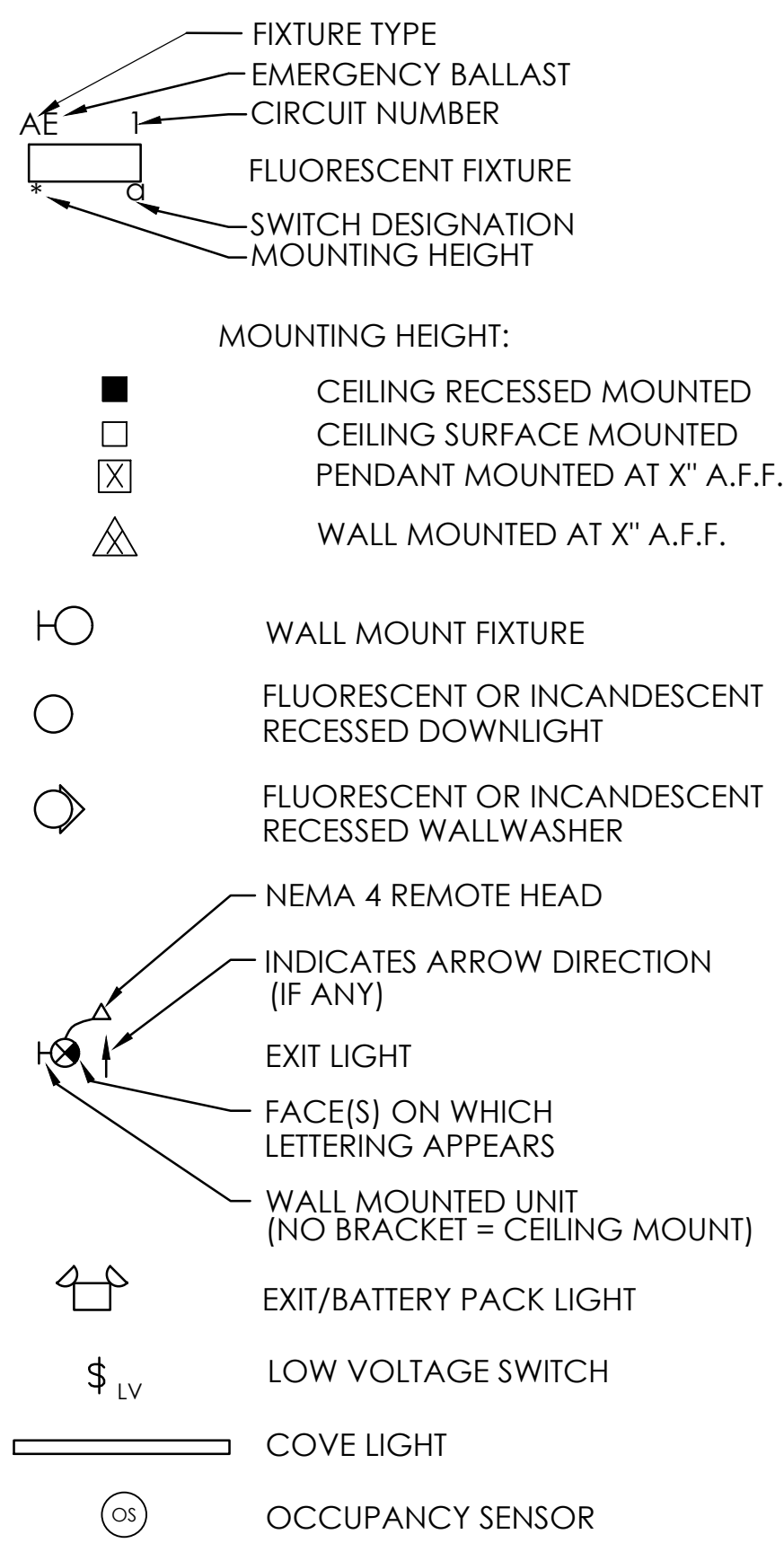
### PANELBOARD NAMING CONVENTION

TYPICAL UNLESS INDICATED OTHERWISE

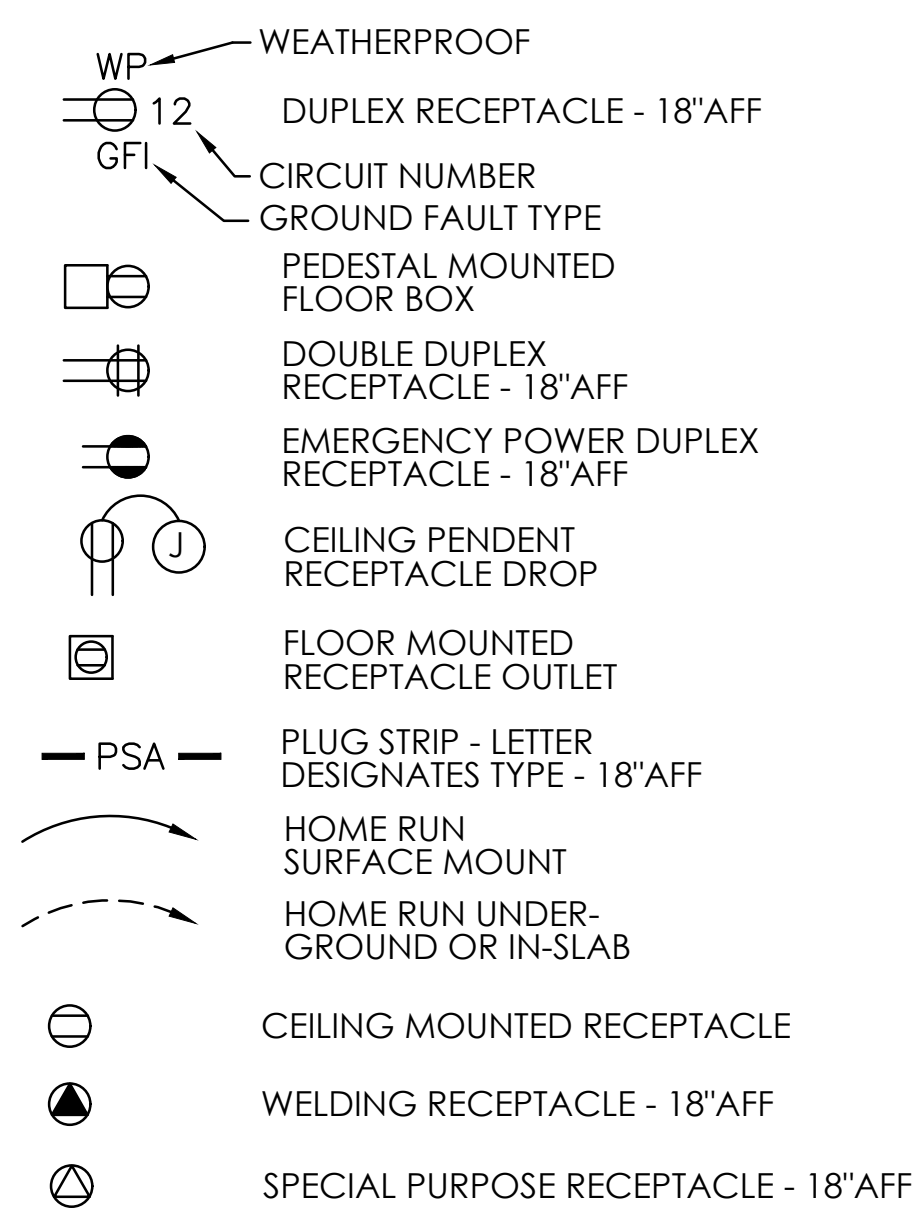


EQUIPMENT TYPE:	SE = SERVICE ENTRANCE PANELBOARD
	LP = LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARD
	PP = POWER PANELBOARD
	L = LIGHTING CONTROL PANEL
VOLTAGE:	A = 120/240 1Ø
	B = 208/120 3Ø
	C = 240/120 3Ø
	D = 480/277 3Ø

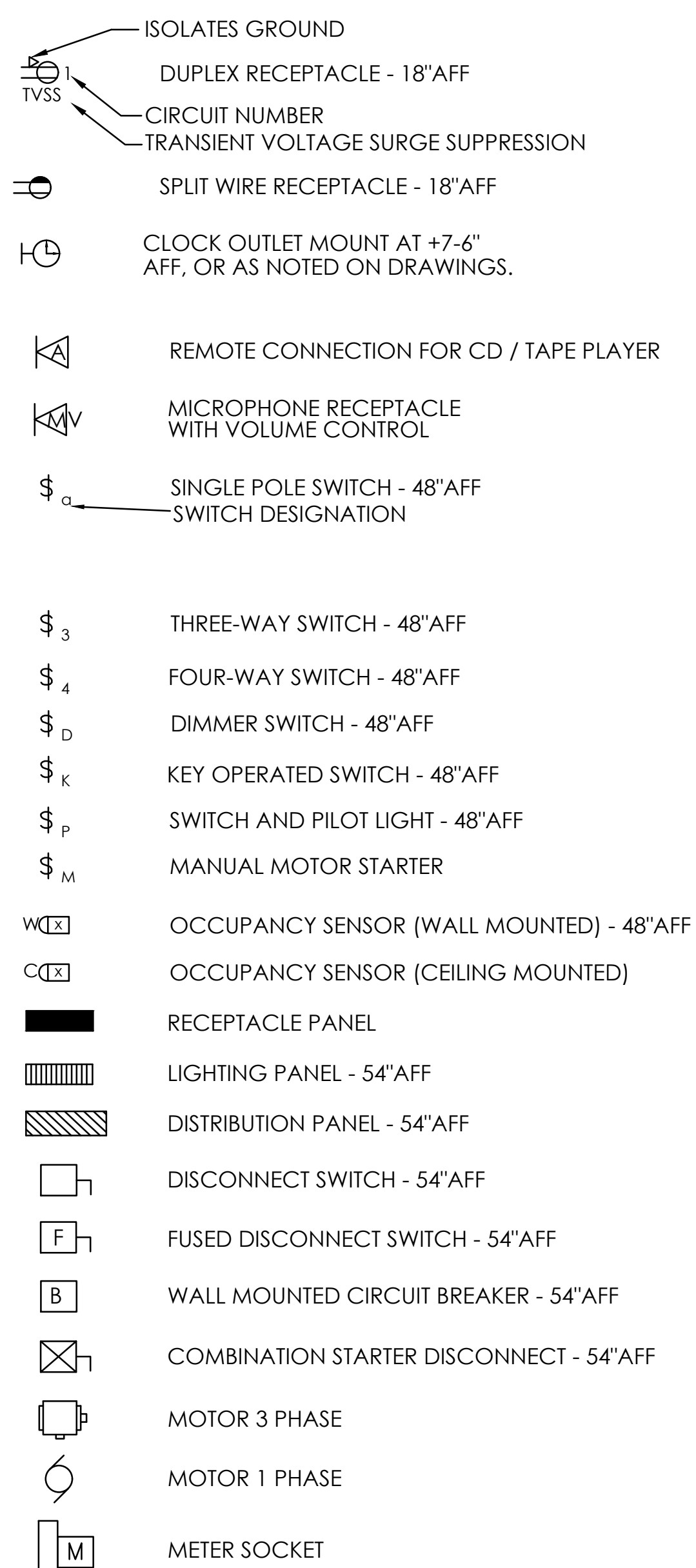
### LIGHTING SYMBOLS



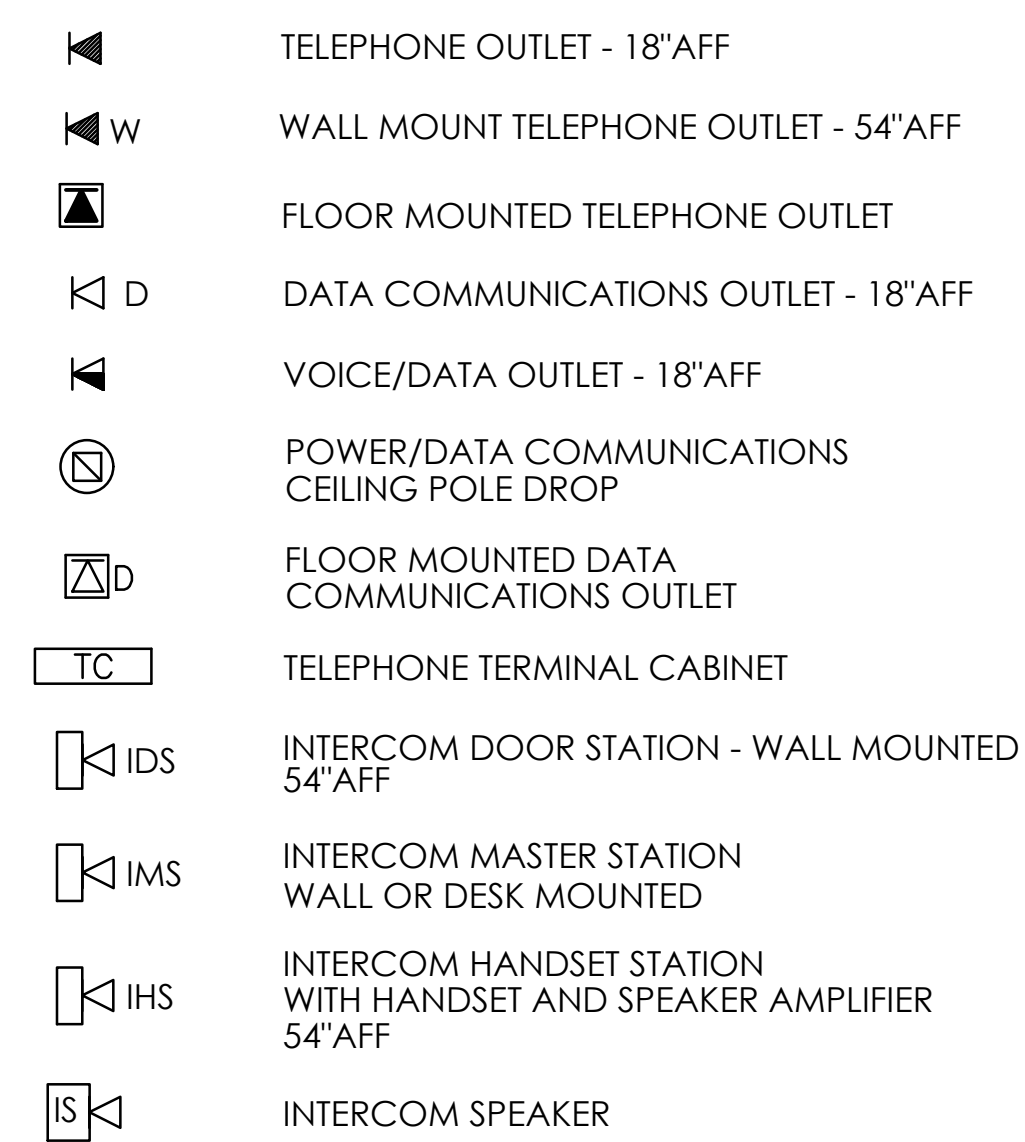
### POWER SYMBOLS



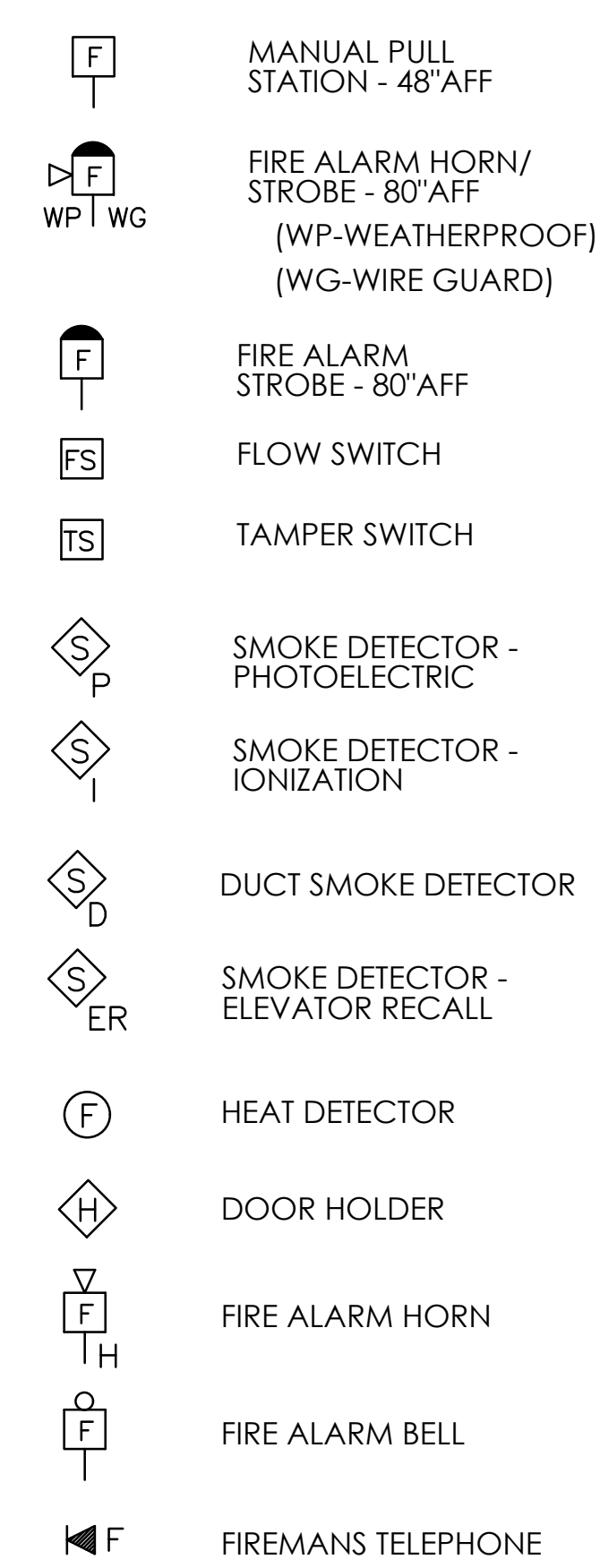
### POWER SYMBOLS (CONT)



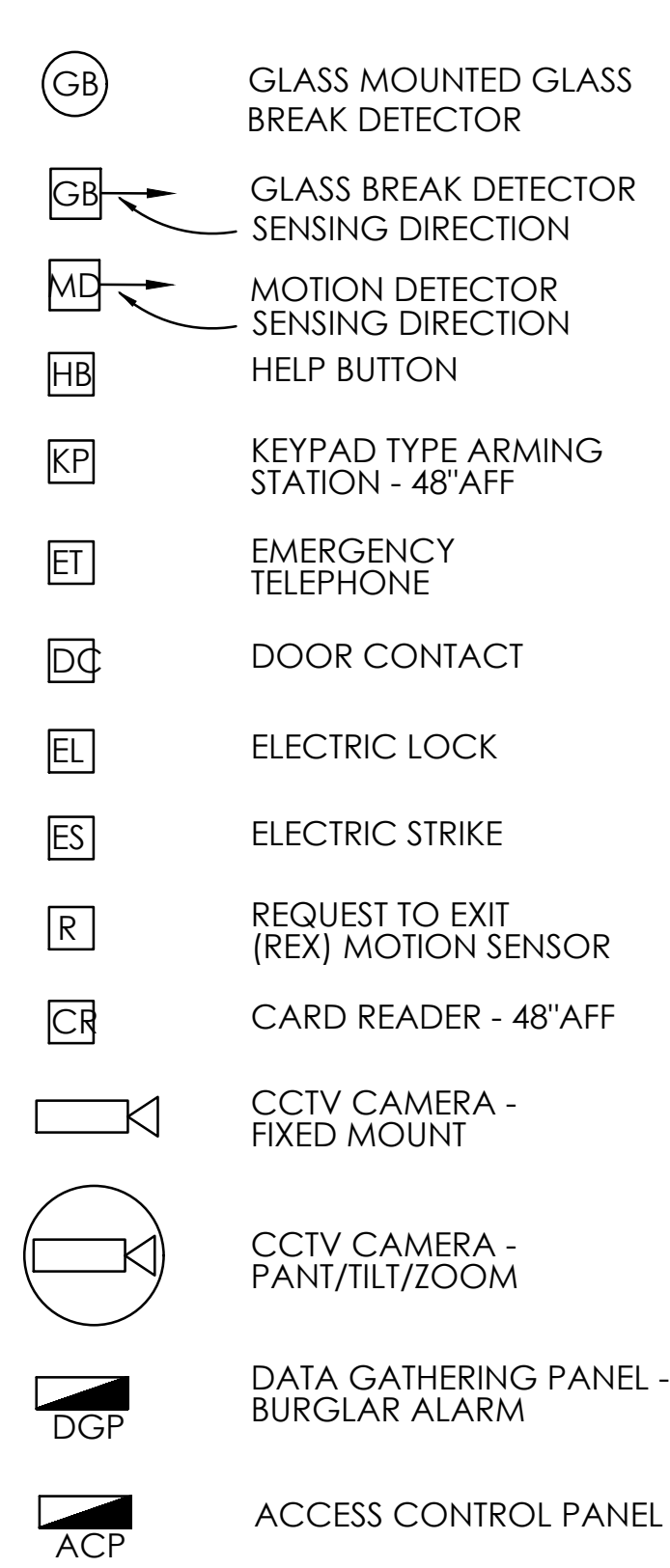
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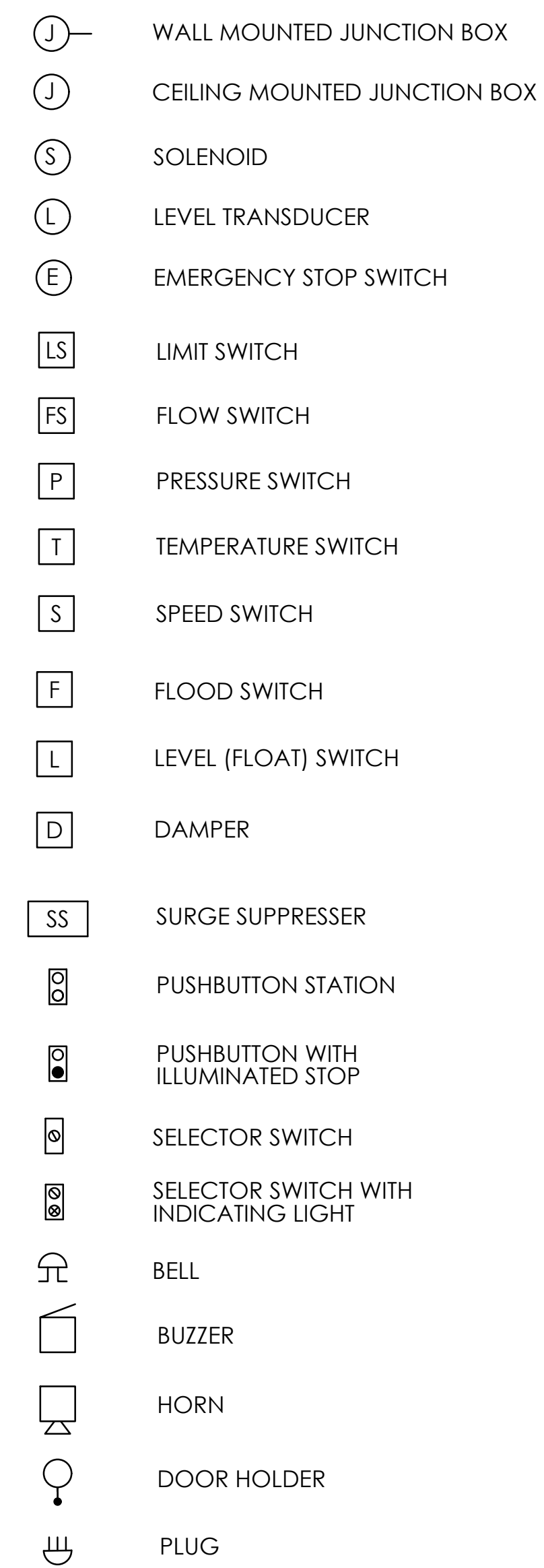
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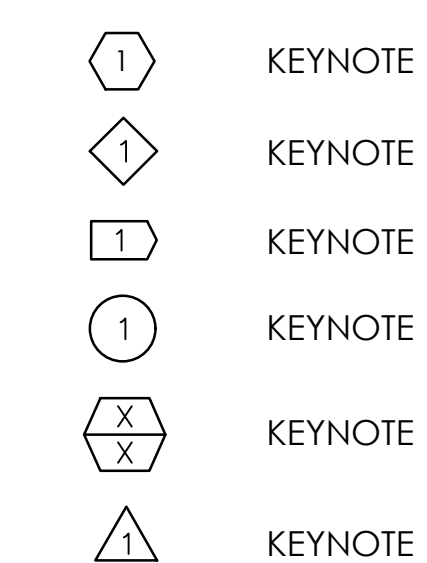
### SECURITY SYMBOLS



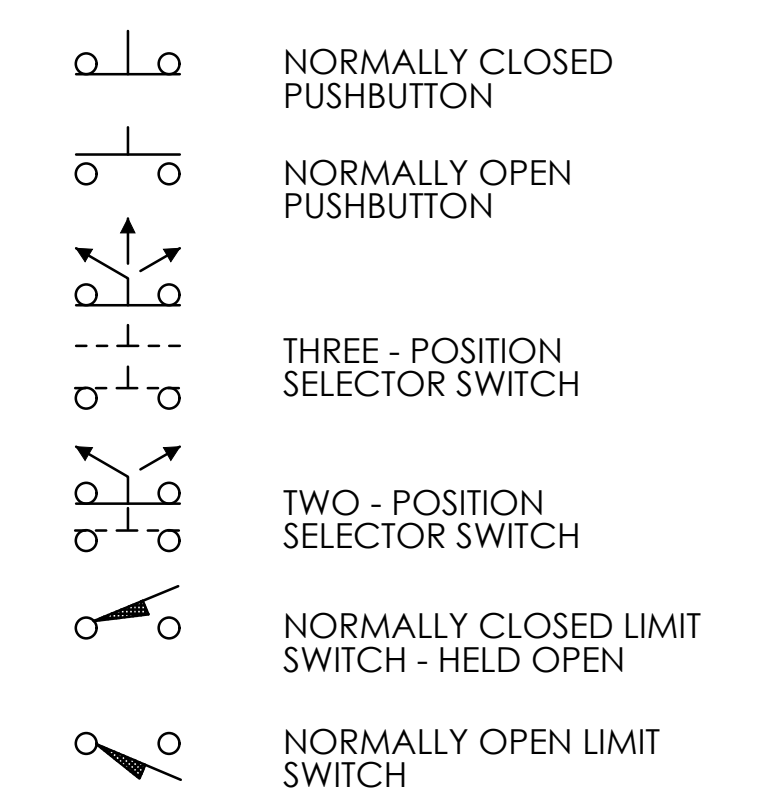
### CONTROL/MISC SYMBOLS



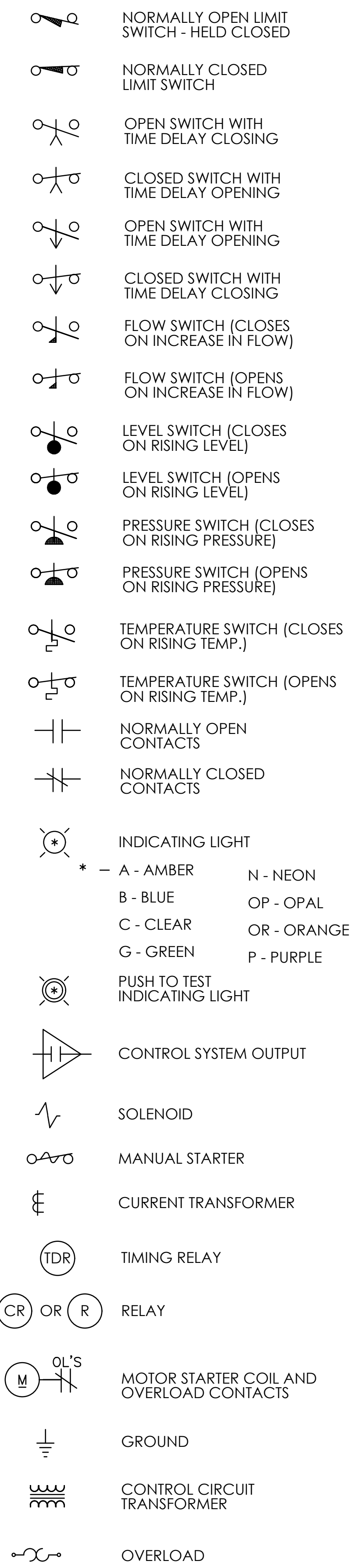
### CONTROL/KEY NOTES SYMBOLS

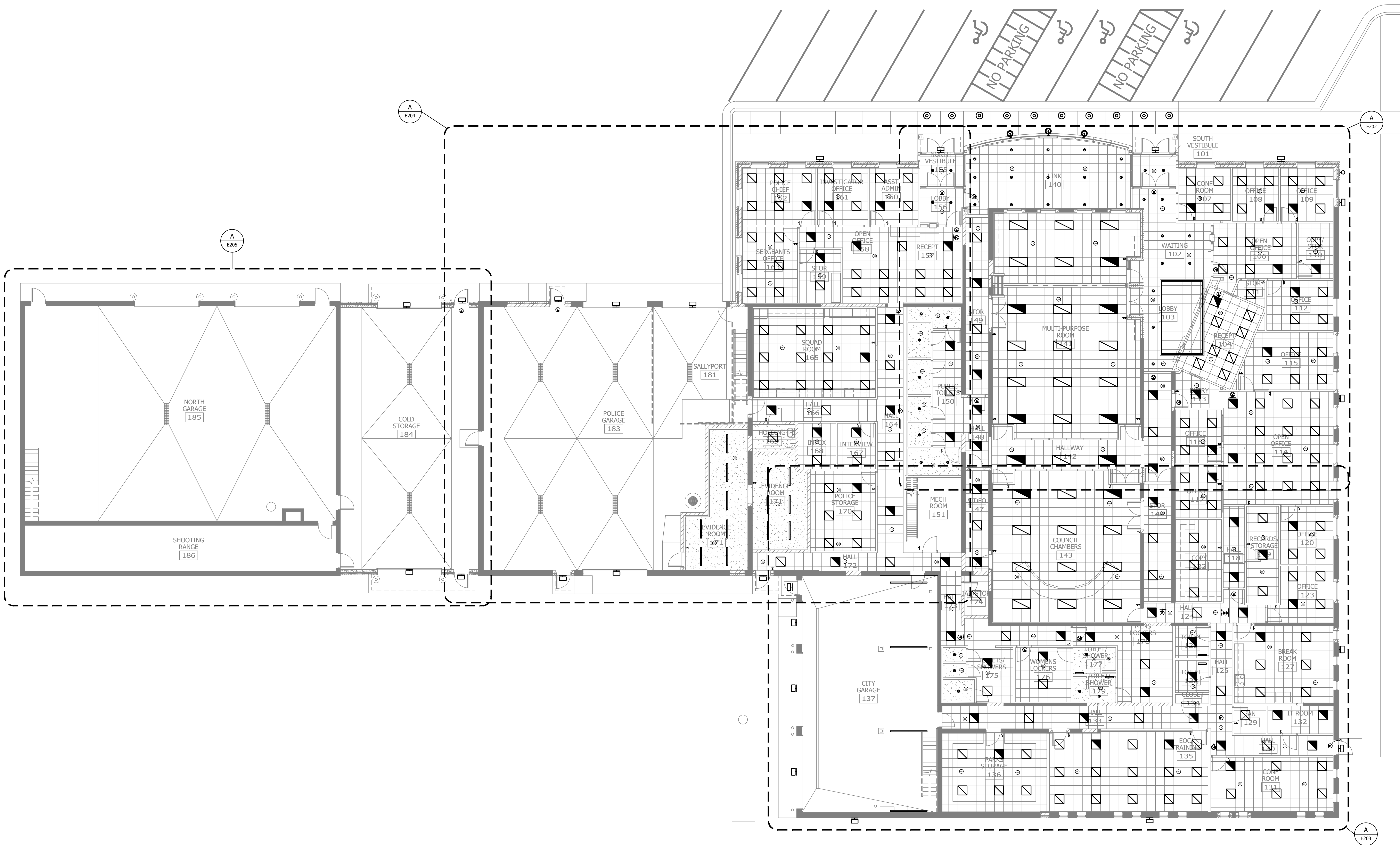


### CONTROL SCHEMATIC SYMBOLS



### CONTROL SCHEMATIC SYM. (CONT)



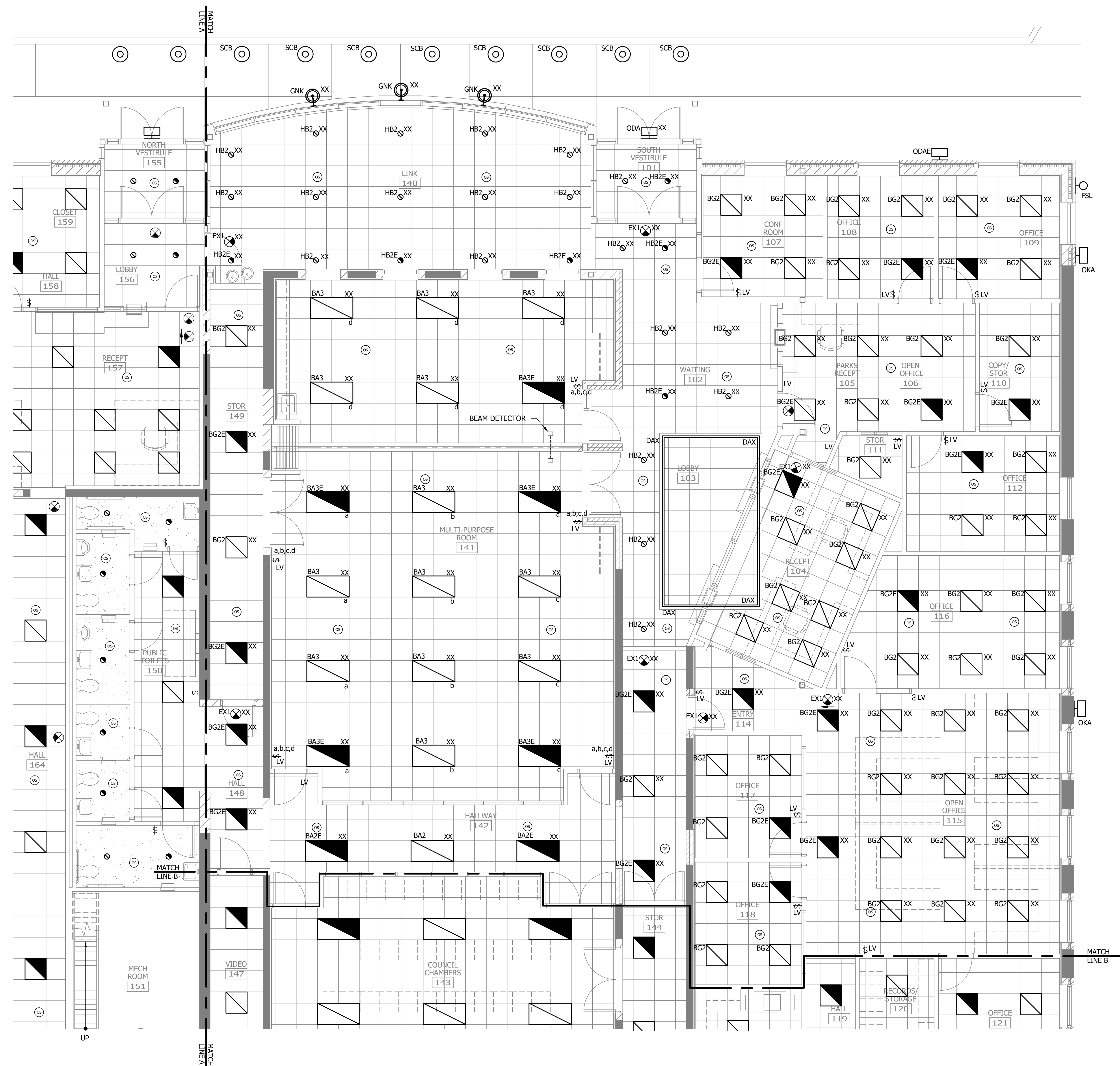


A MAIN LEVEL LIGHTING OVERALL PLAN  
 0' 4' 8' 16'

NO.	REVISION	DATE

SURVEY  
 DRAWN: MTF  
 DESIGNED: MTF  
 CHECKED: MTF  
 APPROVED: MTF  
 PROJ. NO.: 193806047  
 SHEET NUMBER  
**E201**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR DISTRIBUTION OF THIS DRAWING WITHOUT THE WRITTEN AUTHORIZATION OF STANTEC IS STRICTLY FORBIDDEN.



MAIN LEVEL LIGHTING PLAN - ENLARGED PLAN  
0 2' 4' 8'

Plot Date: 09/07/2023 11:25:25am  
 User: jacob@stntec.com  
 Project: 19386049-1104\_19386049-1104\_19386049-1104  
 Title: 19386049-1104\_19386049-1104

DESIGNED BY: JACOB SHELLENBARGER  
 CHECKED BY: JACOB SHELLENBARGER  
 APPROVED BY: JACOB SHELLENBARGER  
 DATE: 08/28/2023 11:25:25am  
 UC: 19386049-1104

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED LIGHTING PLAN

NO	REVISION	DATE

SURVEY	
DRAWN	KSL
DESIGNED	KSL
CHECKED	MTF
APPROVED	MTF
PROJECT NO.	19386049
SHEET NUMBER	E202



THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. DIMENSIONS SHALL BE TAKEN FROM THE DIMENSION LINES. DIMENSIONS TO ALL DOORS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

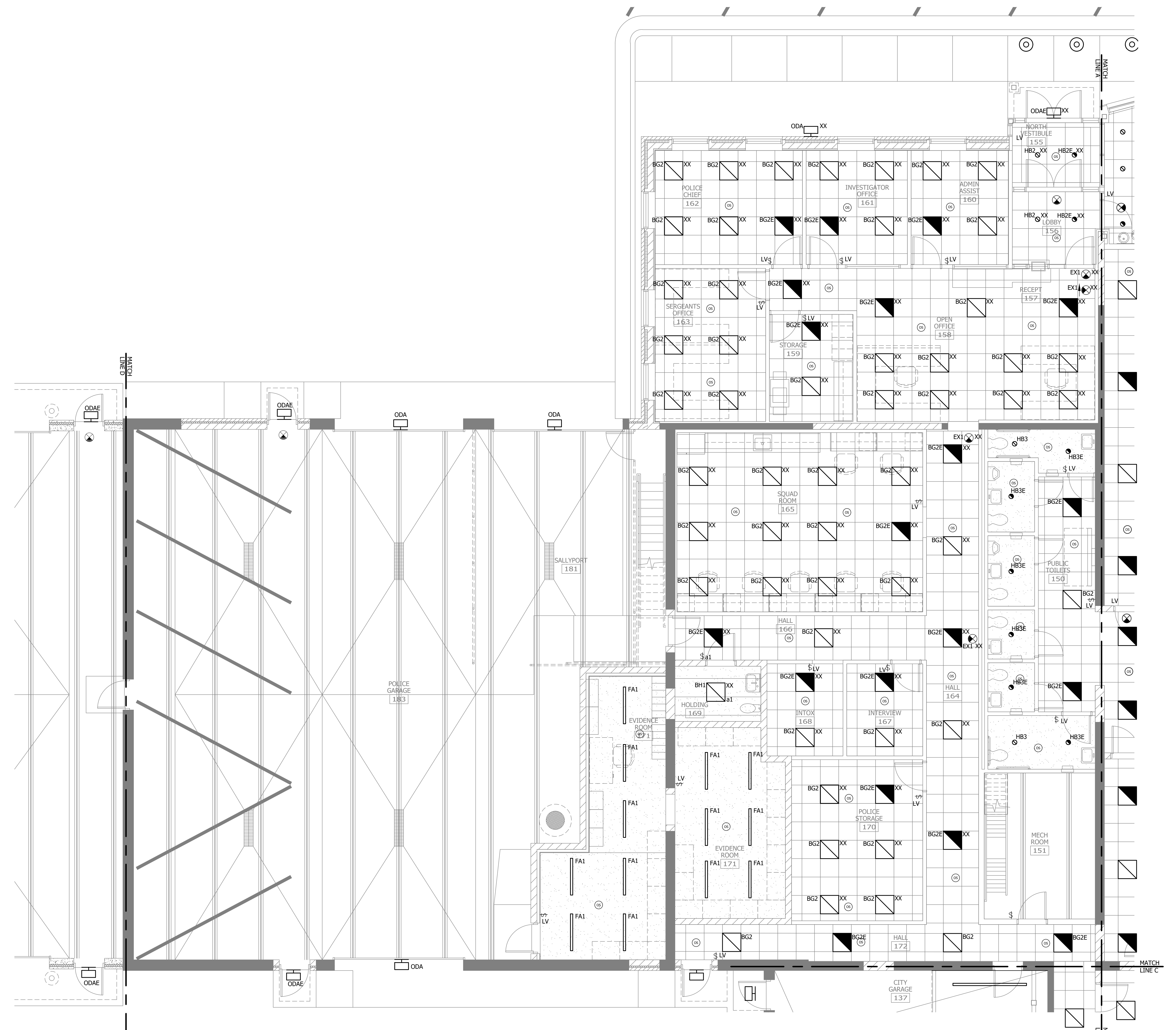
Plot Date: 09/07/2023 11:25:25am  
 User: jacob@stntec.com  
 Project: 193806049 - CITY HALL RENOVATION/EXPANSION  
 Drawing: 193806049-020-Lighting



A MAIN LEVEL LIGHTING PLAN - ENLARGED PLAN  
 0 2' 4' 8'

NO.	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF
PROJECT NO.	193806049
SHEET NUMBER	E203



← A MAIN LEVEL LIGHTING PLAN - ENLARGED PLAN  
 0 2' 4' 8'

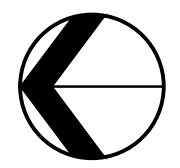
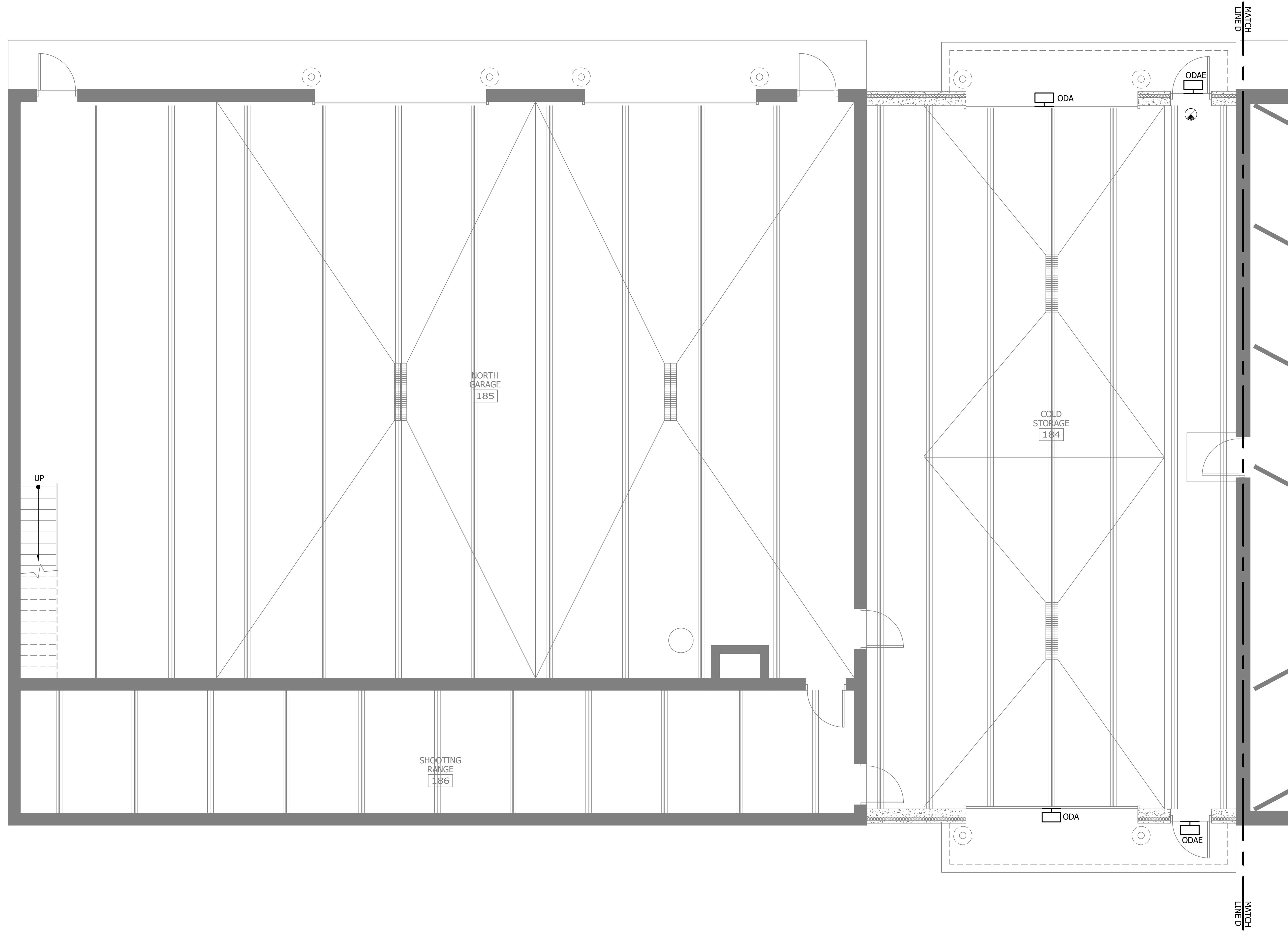
WE HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MINNESOTA.  
 PRINT NAME: JACOBELL, JACOBELL  
 SIGNATURE: JACOBELL, JACOBELL  
 DATE: 09/07/2023 LIC. NO.: 19386049

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED LIGHTING PLAN

NO.	REVISION	DATE
	SURVEY	
	DRAWN	MTF
	DESIGNED	MTF
	CHECKED	MTF
	APPROVED	MTF
PROJ. NO.	19386049	
SHEET NUMBER	E204	

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. DIMENSIONS SHOWN ON THIS DRAWING TAKE PRECEDENCE OVER ANY DIMENSIONS SHOWN ON ANY OTHER DRAWING. REPRODUCTION OF THIS DRAWING FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Plot Date: 09/07/2023 11:27:26am  
 User: jacob.lipatnick  
 Project: 193806049 E205.dwg  
 Path: S:\Projects\193806049\193806049.dwg



**A** MAIN LEVEL LIGHTING PLAN - ENLARGED PLAN  
 0 2' 4' 8'

DESIGNED BY: JACOB LIPATNICK  
 CHECKED BY: JACOB LIPATNICK  
 DATE: 08/25/2023 11:27:26 AM  
 PROJECT NO.: 193806049  
 SHEET NO.: E205

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED LIGHTING PLAN

NO	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

PROJ. NO. 193806049  
 SHEET NUMBER  
**E205**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING FOR DIMENSIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



File Date: 09/07/2023, 11:29:58am  
 Project: 19386049-01-CITY HALL RENOVATION PHASE 2  
 User: 19386049-01-CITY HALL RENOVATION PHASE 2

A RENOVATED MEZZANINE LEVEL LIGHTING PLAN  
 0 4' 8' 16'

I HEREBY CERTIFY THAT I AM AN ENGINEER UNDER THE MINNESOTA PROFESSIONAL ENGINEER ACT AND THAT I AM A duly Licensed Professional Engineer Under the Laws of the State of Minnesota  
 PRINT NAME: MICHAEL PATRICK  
 SIGNATURE:  
 DATE: 09/07/2023 LIC. NO.: 28523

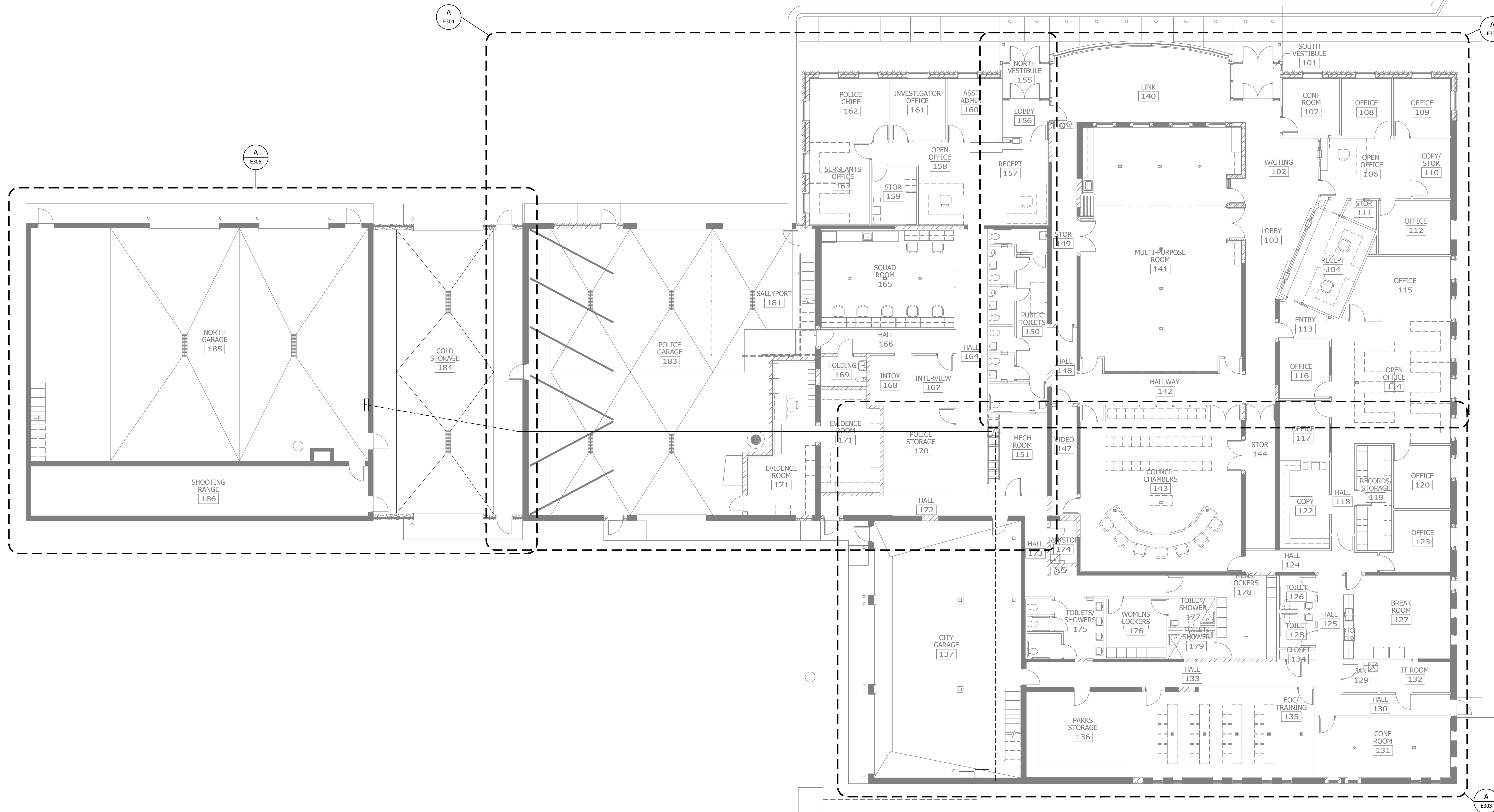
CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 RENOVATED MEZZANINE LEVEL LIGHTING PLAN

NO	REVISION	DATE

SURVEY \_\_\_\_\_ MTF  
 DRAWN \_\_\_\_\_ MTF  
 DESIGNED \_\_\_\_\_ MTF  
 CHECKED \_\_\_\_\_ MTF  
 APPROVED \_\_\_\_\_ MTF  
 PROJ. NO. 19386049  
 SHEET NUMBER  
**E206**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THIS PROJECT AND THAT A QUALIFIED PROFESSIONAL ENGINEER HAS REVIEWED THE DRAWINGS FOR ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR ALTERATION OF THIS DRAWING WITHOUT THE WRITTEN AUTHORIZATION OF STANTEC IS STRICTLY FORBIDDEN.

Plot Date: 09/07/2023, 10:29 AM  
 Project: 193806049  
 User: jrb@stantec.com  
 File: 193806049.dwg



**MAIN LEVEL POWER OVERALL PLAN**  
 0' 4' 8' 16'

**stantec**  
 733 Marquette Avenue, Suite 1000  
 Minneapolis, MN 55402  
 www.stantec.com

WE HEREBY CERTIFY THAT THE DESIGN AND CONSTRUCTION OF THIS PROJECT HAS BEEN REVIEWED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 PRINT NAME: MICHAEL R. PATRICK  
 SIGNATURE: \_\_\_\_\_  
 DATE: 09/07/2023  
 LIC. NO.: 45302

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL POWER OVERALL PLAN

NO.	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

PROJ. NO. 193806049  
 SHEET NUMBER  
**E301**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSES OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Plot Date: 09/07/2023 1:10:30pm  
 User: 193805649-1174\_193805649-838  
 Project: 193805649-1174\_193805649-838  
 Project Path: C:\3D\Drawg\193805649-1174\_193805649-838.dwg



A MAIN LEVEL PARTIAL ENLARGED POWER PLAN  
 0' 2' 4' 8'

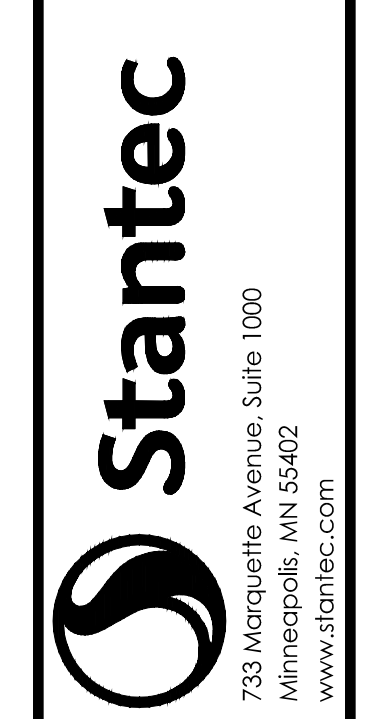
NO	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

PROJ. NO. 193805649  
 SHEET NUMBER  
**E302**

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED POWER PLAN

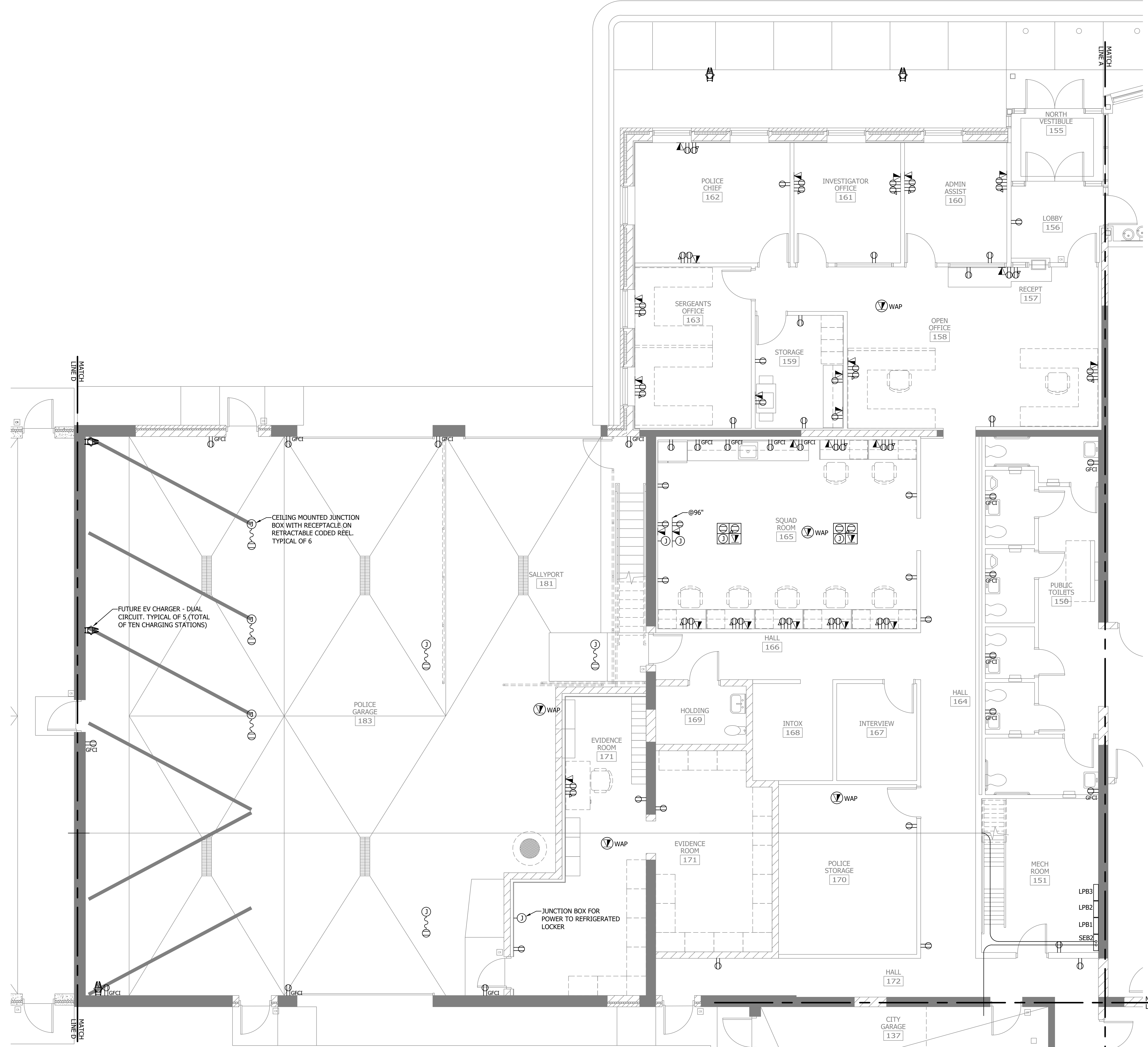
I, MICHAEL PATRICK, being duly sworn, depose and say that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 PRINT NAME: MICHAEL PATRICK  
 SIGNATURE: [Signature]  
 DATE: SEPTEMBER 11, 2023 UC: PG. 3503





THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Plot Date: 09/07/2023 11:28:36am  
 File Path: \\p13301\projects\19386\DWG\19386.dwg  
 Project: 19386-001-1714-19386049-R08



**A MAIN LEVEL PARTIAL ENLARGED POWER PLAN**  
 0' 2' 4' 8'

NO	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

PROJ. NO. 19386049  
 SHEET NUMBER  
**E304**

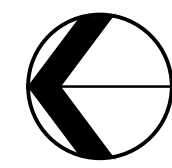
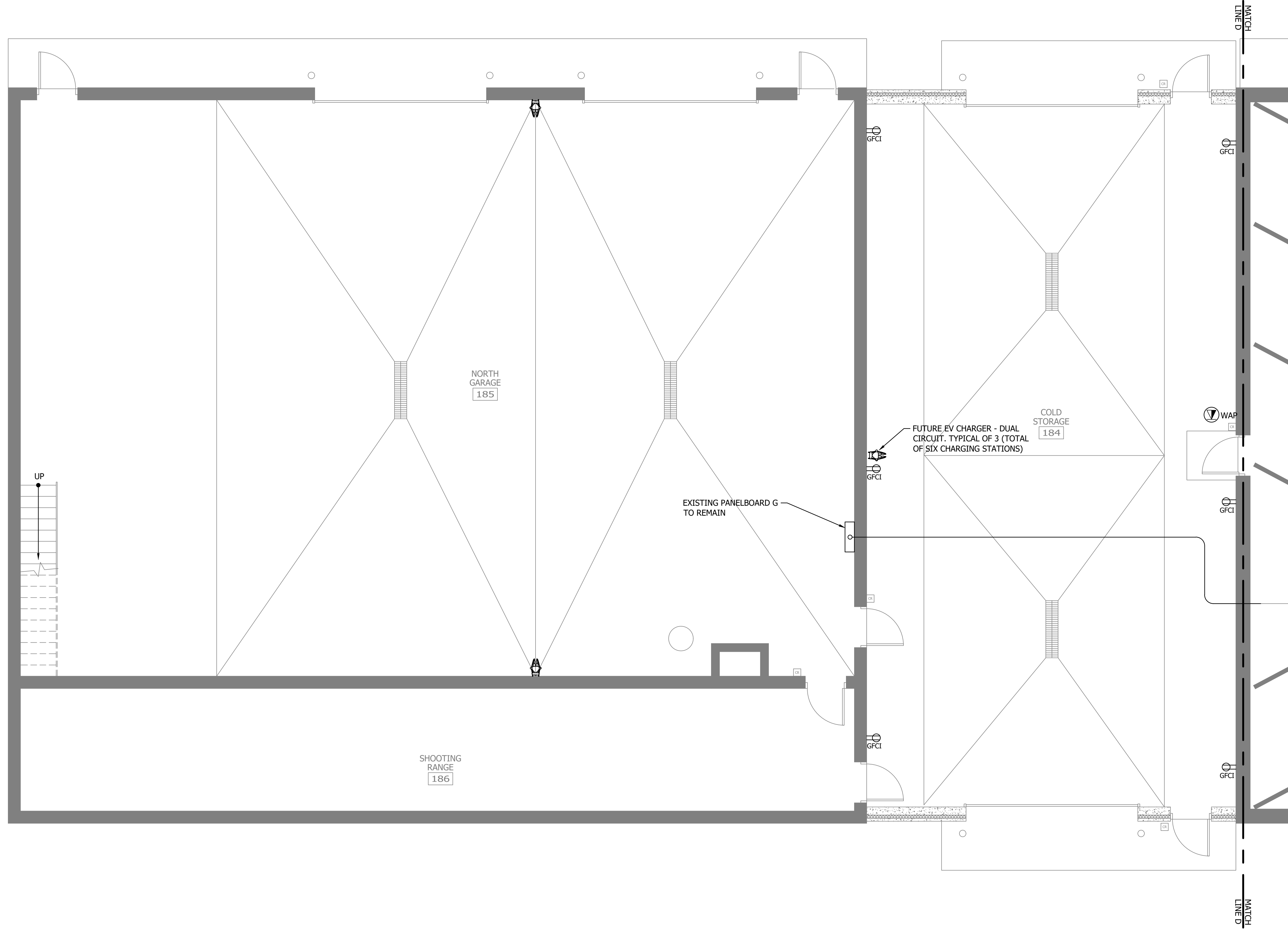
**CITY OF SPRING LAKE PARK, MINNESOTA**  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED POWER PLAN

**Stantec**  
 733 Marquette Avenue, Suite 1000  
 Minneapolis, MN 55402  
 www.stantec.com  
 PRINT NAME: MICHAEL PATRICK  
 SIGNATURE:  
 DATE: 09/07/2023  
 LIC. NO.: 45303



THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. DIMENSIONS SHALL TAKE PRECEDENCE OVER NOTES. ANY DISCREPANCIES SHALL BE REFERENCED TO THE CONTRACTOR'S FIELD SURVEY.

Plot Date: 09/07/2023 1:02:37pm  
 Plot File: 193806049-11.dwg  
 Plot Scale: 1:1  
 Plot Device: HP DesignJet 5000 Series PCL6  
 Project: 193806049-CAD (Dwg) | 193806049-193806049-E001.dwg



A

MAIN LEVEL PARTIAL ENLARGED POWER PLAN

0 2' 4' 8'

NO REVISION DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

PROJ. NO. 193806049

SHEET NUMBER

E305

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED POWER PLAN

WE DESIGN AND BUILD PROJECTS FOR COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL CLIENTS. OUR DESIGN SERVICES ARE PROVIDED BY A LICENSED PROFESSIONAL ENGINEER UNDER THE LICENSE OF THE STATE OF MINNESOTA.  
 PRINT NAME: MICHAEL E. PATRICK  
 SIGNATURE:  
 DATE: 08/28/2023 LIC. NO. 28023



**stantec**  
 733 Marquette Avenue, Suite 1100  
 Minneapolis, MN 55402  
 www.stantec.com

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.

Plot Date: 09/07/2023 11:23:57am  
User: JACOB.PARKER  
File: 19386649.dwg  
Project: 19386649  
Drawing: 19386649-23-NA



(A) RENOVATED MEZZANINE LEVEL POWER PLAN  
0 4' 8' 16'

**CITY OF SPRING LAKE PARK, MINNESOTA**  
**CITY HALL RENOVATION/EXPANSION**  
RENOVATED MEZZANINE LEVEL POWER PLAN

NO.	REVISION	DATE

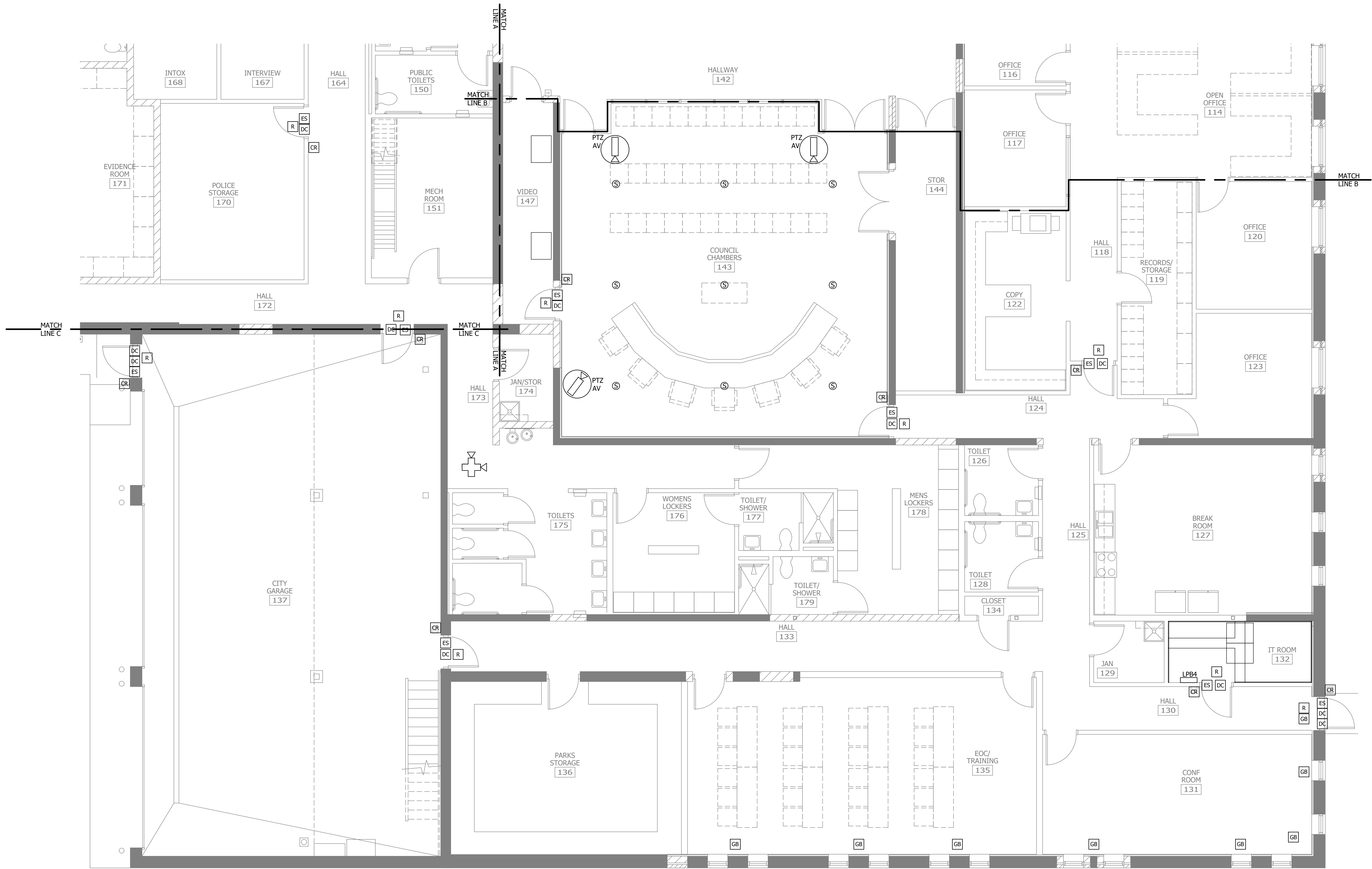
SURVEY  
DRAWN MTF  
DESIGNED MTF  
CHECKED MTF  
APPROVED MTF  
PROJ. NO. 19386649  
SHEET NUMBER  
**E306**





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Plot Date: 09/07/2023, 10:46am  
 XREF: 193803060-N174, 193803060-B38



**A** MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN  
 0 2' 4' 8'

MINNESOTA REGISTERED PROFESSIONAL ENGINEER  
 UNDER THE LICENSE OF THE BOARD OF ENGINEERS  
 LICENSE NO. 38824  
 PRINT NAME: MICHAEL B. PATRICK  
 SIGNATURE: [Signature]  
 DATE: 08/28/2023 LIC. NO.: 38824

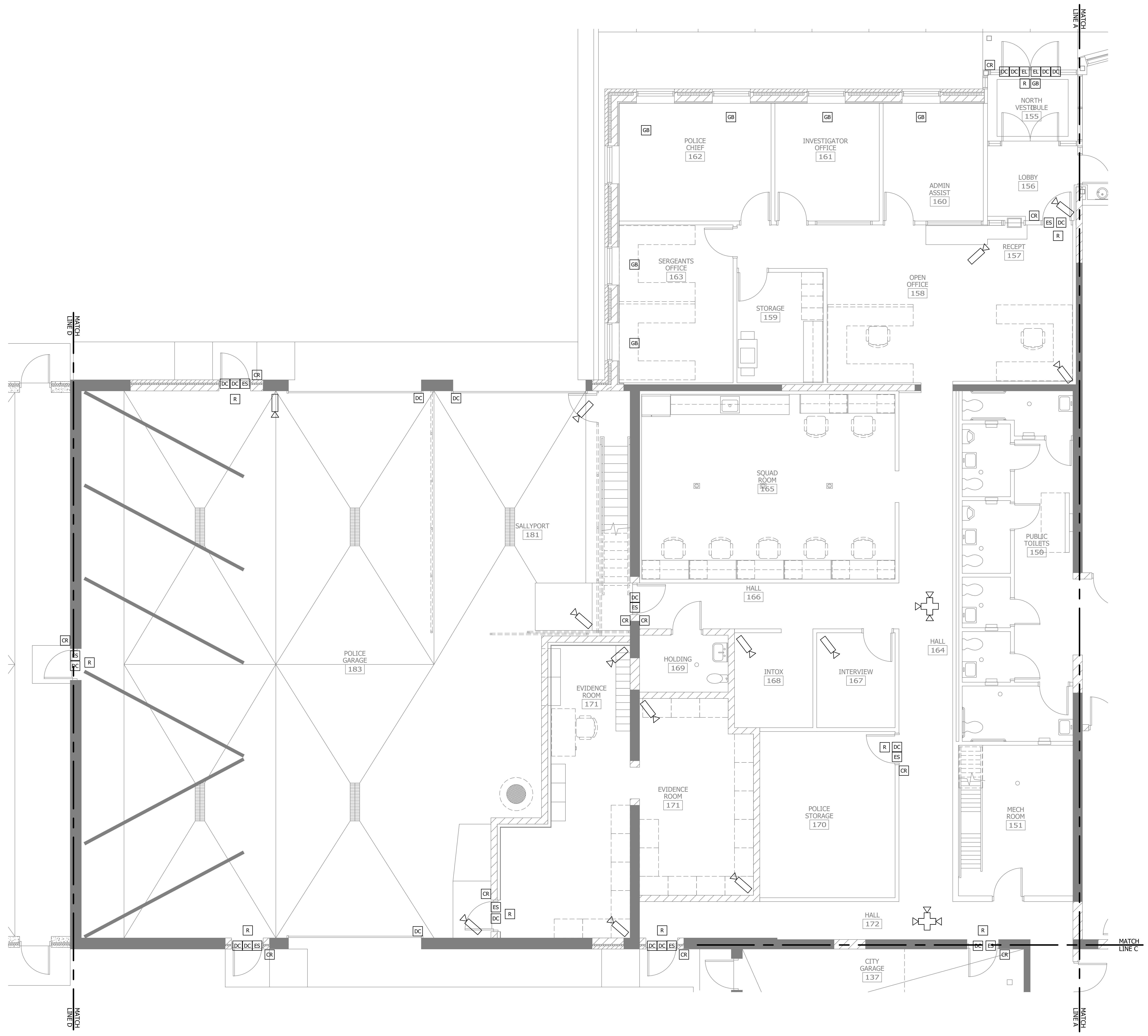
**CITY OF SPRING LAKE PARK, MINNESOTA**  
**CITY HALL RENOVATION/EXPANSION**  
 MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN

NO.	REVISION	DATE

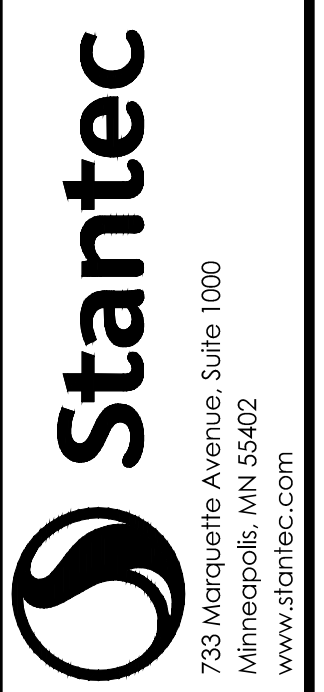
SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR DISTRIBUTION OF ANY PORTION OF THIS DRAWING IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF STANTEC.

Proj Date: 09/07/2023 11:46am  
 User: jacob@stantec.com  
 Project: 193806049 - City of Spring Lake Park, MN  
 Job: 193806049 - City of Spring Lake Park, MN



**A** MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN  
 0 2' 4' 8'



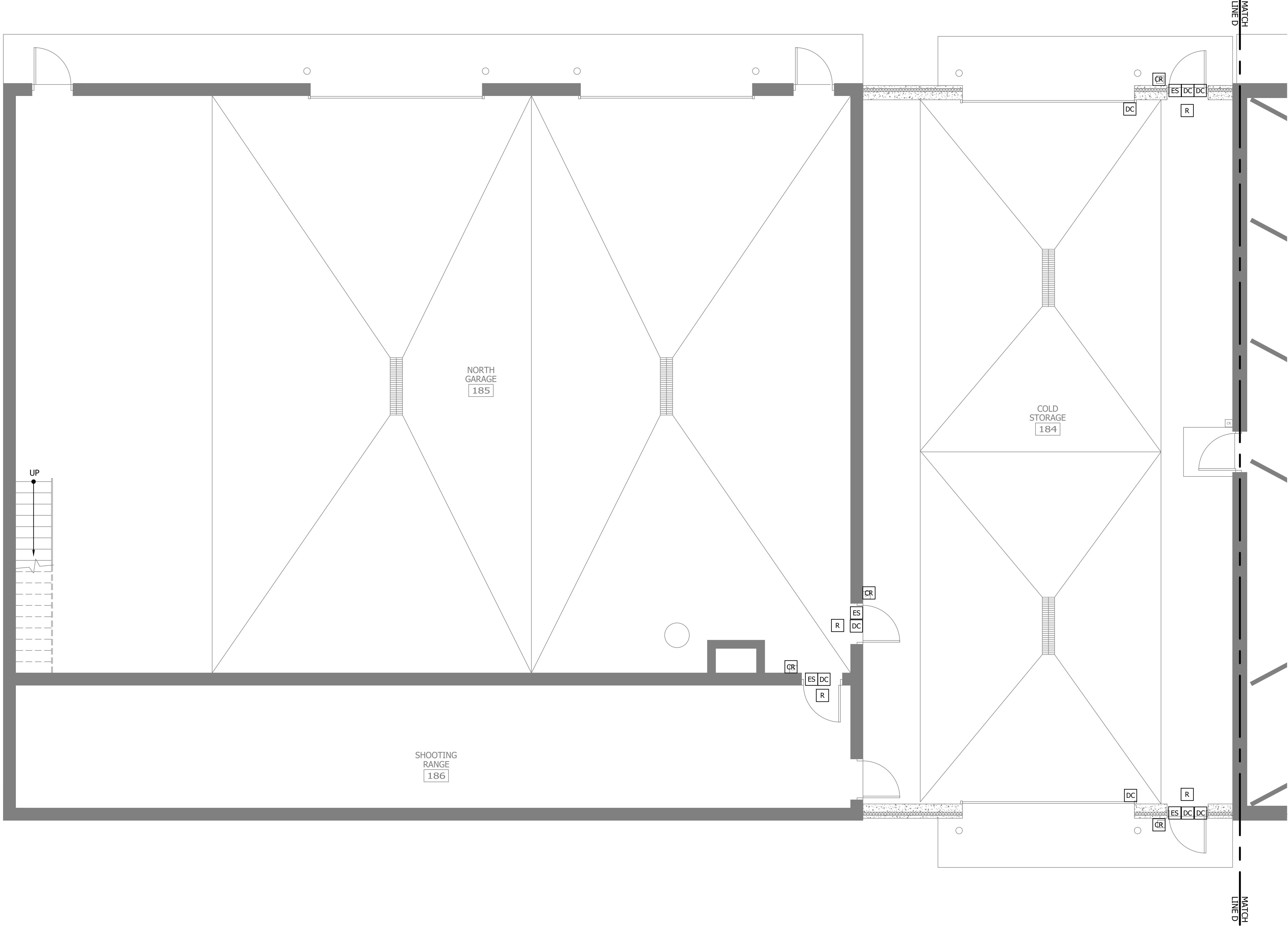
733 Marquette Avenue, Suite 1000  
 Minneapolis, MN 55402  
 www.stantec.com  
 PRINT NAME: JACOB@STANTEC.COM  
 SIGNATURE: JACOB@STANTEC.COM  
 DATE: 09/07/2023 11:46:00 AM  
 LIC. NO.: 28032

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN

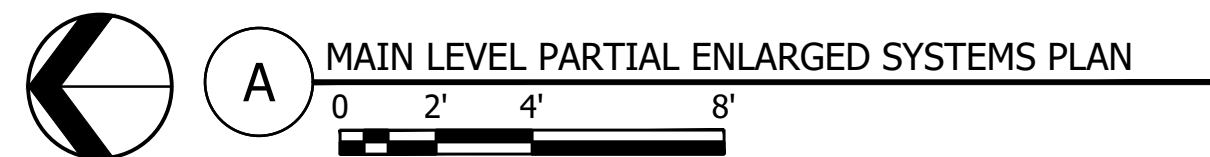
NO.	REVISION	DATE

SURVEY	MTF
DRAWN	MTF
DESIGNED	MTF
CHECKED	MTF
APPROVED	MTF
PROJ. NO.	193806049
SHEET NUMBER	E404

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.



Plot Date: 09/07/2023 11:47:47 AM  
 XREF: 193806049-11114\_193806049-828



MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN

DESIGNED BY: MICHAEL J. EDWARDS, P.E., LIC. NO. 20532  
 CHECKED BY: MICHAEL J. EDWARDS, P.E., LIC. NO. 20532  
 DATE: 08/28/2023

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 MAIN LEVEL PARTIAL ENLARGED SYSTEMS PLAN

NO.	REVISION	DATE

SURVEY: MTF  
 DRAWN: MTF  
 DESIGNED: MTF  
 CHECKED: MTF  
 APPROVED: MTF

PROJ. NO.: 193806049  
 SHEET NUMBER: **E405**

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR USE FOR ANY PURPOSE OTHER THAN THAT AUTHORIZED BY STANTEC IS FORBIDDEN.



Proj Date: 09/07/2023 11:46am  
User: jacob@stntec.com  
File: 193806049.dwg  
Path: \\stntec.com\projects\193806049\193806049.dwg

**A** RENOVATED MEZZANINE LEVEL SYSTEMS PLAN  
0 4' 8' 16'

NO.	REVISION	DATE

SURVEY: MTF  
DRAWN: MTF  
DESIGNED: MTF  
CHECKED: MTF  
APPROVED: MTF  
PROJ. NO.: 193806049  
SHEET NUMBER: E406





THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING. ALL DIMENSIONS AND DRAWINGS ARE THE PROPERTY OF STANTEC. REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF STANTEC IS PROHIBITED.

FIXTURE TAG	DESCRIPTION	MANUFACTURER	BASIS OF DESIGN	HOUSING	DISTRIBUTION	LENS	BALLAST/ DRIVER	VOLTAGE	LAMP TYPE	MOUNTING	LISTING	FINISH	NOTES	OPTICS
FA1	4' STRIP	DAYBRITE	SDS42448L8CST-UNV-DIM-20W-4000K	WHITE PAINTED METAL	-	FROSTED POLYCARBONATE	0-10V DIMMING DRIVER	UNV/20.7W	LED 2448 LUMENS 4000K	SURFACE	cULus listed to meet UL1598, DAMP LOCATION	-	-	-
FA2	8' STRIP	DAYBRITE	SDS84998L8CST-UNV-DIM-40W-4000K	WHITE PAINTED METAL	-	FROSTED POLYCARBONATE	0-10V DIMMING DRIVER	UNV/39.9W	LED 4998 LUMENS 4000K	SUSPENDE D	cULus listed to meet UL1598, DAMP LOCATION	-	-	-
FA3	8' STRIP	DAYBRITE	SDS84998L8CST-UNV-DIM-80W-4000K	WHITE PAINTED METAL	-	FROSTED POLYCARBONATE	0-10V DIMMING DRIVER	UNV/78.9W	LED 9407 LUMENS 4000K	SUSPENDE D	cULus listed to meet UL1598, DAMP LOCATION	-	-	-
DAX	4' STRIP	Q-TRAN	DW-HE24-4.0-DRY-40					24VDC/2.5W PER FOOT	LED 2700LUMENS 4000K	SURFACE				
DB1	LINEAR STRIP	LITHONIA	CLX L36 2250LM HEF MVOLT GZ10 40K 80CRI					UNI15.5W	LED 2250 LUMENS 4000K	SURFACE				
GB1	DOWNLIGHT	SIGNIFY	P6RDL10840CL					120V/7.3W	LED 10000 LUMENS 4000K	RECESSED CEILING				
HB2	DOWNLIGHT	SIGNIFY	P6RDL15840CL					120V/11.7W	LED 15000 LUMENS 4000K	RECESSED CEILING				
HB3	DOWNLIGHT	SIGNIFY	P6RDL20840CL					120V/16.4W	LED 20000 LUMENS 4000K	RECESSED CEILING				
HA1	DOWNLIGHT	SIGNIFY	P6RDL15840WH					120V/11.7W	LED 15000 LUMENS 4000K	RECESSED CEILING				
BG2	2X2 BASKET	LITHONIA	2BLT2 33L ADP 347 LP840					120V/26.6W	LED 3300 LUMENS 4000K	RECESSED CEILING				
BH1	2X2 BASKET	CERTOLUX	VRIS-3525 2X2 X/X LED 8 40K 052L					UNI47W	LED 5200 LUMENS 4000K	RECESSED CEILING				
BA2	2X4 BASKET	LITHONIA	2VTL4 72L-XXX-EZ1-LP840					UNI49W	LED 7200 LUMENS 4000K	RECESSED CEILING				
BA3	2X4 BASKET	LITHONIA	2VTL4 100L-XXX-EZ1-LP840					UNI82.2W	LED 10000 LUMENS 4000K	RECESSED CEILING				
VA1	VANITY	TGS	VF2-242 5-4000K-XX					UN25W	LED 1725 LUMENS 4000K	SURFACE				
GNK	GOOSENECK LTG	BASELITE	VF2-242 5-4000K-XX					UN25W	LED 1725 LUMENS 4000K	SURFACE				
DCB	STEEL CORE BOLLARDS	SELLUX	XXX					XX	XX	X				
ODA	WALL SCONCE	SIGNIFY	LPW32-70W-NW-G3-2					120V/70W	LED 8425 LUMENS 4000K	SURFACE				
ODAE	WALL SCONCE	SIGNIFY	LPW32-70W-NW-G3-2					120V/70W	LED 8425 LUMENS 4000K	SURFACE				
FSL	FLAG SPOT LIGHT	XX	XXX					XX	LED XXX LUMENS 4000K	SURFACE				

Plot Date: 09/07/2023 11:55am  
 User: j38364830  
 Xref: 19389649.dwg  
 Project: 19389649 (Unrec'd Project) 19389649 CAD (Dwg) 19389649.rvt



I HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MINNESOTA  
 PRINT NAME: JACOB L. PATRICK  
 SIGNATURE: \_\_\_\_\_  
 DATE: SEPTEMBER 11, 2023 LIC. NO.: 28023

CITY OF SPRING LAKE PARK, MINNESOTA  
 CITY HALL RENOVATION/EXPANSION  
 FIXTURE SCHEDULE

NO. REVISION DATE


SHEET NUMBER  
**E801**