

# HIDALGO COUNTY, PCT. 1

## SUNSET PARK OPERATIONS FACILITY COUNTY OF HIDALGO, CITY OF MERCEDES, TX

RFP# 2018-18-11



Hidalgo County Commissioners  
Richard F. Cortez, Judge

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Commissioner Dist. 2

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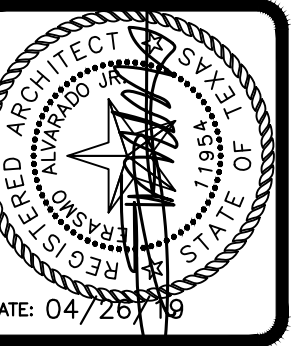
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REVISIONS	

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HIDALGO COUNTY, PCT.1  
SUNSET PARK OPERATIONS FACILITY  
MERCEDES, TEXAS



DRAWING TITLE:  
COVER SHEET

FILE NAME:

JOB NO.:  
1718

DATE:  
04/26/2019

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SHEET:  
**GO.00**

100% CD's - FOR CONSTRUCTION

# Abbreviations

A/C	AIR CONDITIONING	HC	HANDICAPPED ACCESSIBLE	S.C.	SEALED CONCRETE
ACP.	ACOUSTICAL PANEL	HT.	HEIGHT	SCHED.	SCHEDULE(D)
ACT.	ACOUSTICAL TILE	HM.	HORIZONTAL	SCPL.	SOLID CORE PLASTIC LAMINATE
A.D.	AREA DRAIN	HM	HOLLOW METAL FRAME	S.D.	SOAP DISPENSER
A.D.A.	AMERICANS WITH DISABILITIES ACT	H.W.	HOT WATER	SEC.	SECTION
ADJ.	ADJUSTABLE	I.D.	INSIDE DIAMETER	SHT.	SHEET
A.F.F.	ABOVE FINISH FLOOR	INSUL.	INSULATION	SIM.	SIMILAR
A.F.G.	ABOVE FINISH GRADE	INT.	INTERIOR	SPEC.	SPECIAL COATING SYSTEM
A.H.J.	AUTHORITY HAVING JURISDICTION	I.P.S.	IRON PIPE SIZE	SPECS.	SPECIFICATIONS
ALUM.	ALUMINUM	JT.	JOINT	SQ.	SQUARE
AL.T.	ALTERNATE	LAM.	LAMINATE	SS.	SOUND STRIP
ASPH.	ASPHALT	LAV.	LAVATORY	S.S., ST.	STAINLESS
		L.V.	LIGHT POLE	STL.	STEEL
BD.	BOARD	L.P.	LIGHT	STRUCT.	STRUCTURAL
BLDG.	BUILDING	L.T.	LIGHT	SUSP.	SUSPENDED
BLK.	BLOCK	LT. WT.	LIGHT	SVF.	SHEET VINYL FLOORING
BM.	BEAM	WT.	WEIGHT	SVD.	SHEET VINYL DANCE
B.U.R.	BUILT-UP ROOF			FLOORING	
		MFR.	MANUFACTURER	T.A.S.	TEXAS ACCESSIBILITY STANDARDS
C	CHANNEL	MAS.	MASONRY	TACK BOARD	
CAB, CABT	CABINET	MATL.	MATERIAL	T.D.R.	TOWEL DISPENSER AND RECEPTACLE
CFMF	COLD FORMED METAL FRAMING	MAX.	MAXIMUM	TEL.	TELEPHONE
C.J.	CONTROL JOINT	MB.	MARKER BOARD	TERR.	TERRAZZO
CL	CENTER LINE	MCH.	MECHANICAL	THK.	THICK
CL.G.	CEILING	MEM.	MEMBRANE	T.O.	TOP OF
C.M.U.	CONCRETE MASONRY UNIT	MEM. WP.	MEMBRANE WATERPROOFING	T.O.B.	TOP OF (WOOD) BLOCKING
COL.	COLUMN	MEP	MECHANICAL, ELECTRICAL AND PLUMBING	T.O.M.	TOP OF MASONRY
COMP.	COMPRESSIBLE	MEZZ.	MEZZANINE	T.O.S.	TOP OF STEEL
CONC.	CONCRETE	M.H.	MAN HOLE	T.T.D.	TOILET TISSUE DISPENSER
COND.	CONDITION	MIN.	MINIMUM	TYP.	TYPICAL
CONT.	CONTINUOUS	MISC.	MISCELLANEOUS	U.N.O.	UNLESS NOTED OTHERWISE
CORR.	CORRIDOR	M.O.	MASONRY OPENING	UR.	URINAL
CPT.	CARPET	MOD.	MODULE		
CT.	CERAMIC TILE	MTL.	METAL	V	VENT
CTSK.	COUNTERSINK	MTP.	METAL TOILET PARTITION	V.C.T.	VINYL COMPOSITE TILE
C.W.	COLD WATER			VENT.	VENTILATING, VENTILATED
		N.D.	NAPKIN DISPOSAL	VER.	VERIFY
D	DRYER	N.I.C.	NOT IN CONTRACT	VERT.	VERTICAL
D.F.	DRINKING FOUNTAIN	NO.	NUMBER	VGB	(PREFINISHED) VINYL CLAD GYPSUM BOARD
DIA.	DIAMETER	N.T.S.	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
DIM.	DIMENSION	N.V.	NAPKIN VENDOR	VWC	VINYL WALL COVERING
D.P.	DAMP PROOFING	O.C.	ON CENTER	W	WASHING MACHINE
DTL	DETAIL	O.C.E.W.	ON CENTER EACH WAY	WI	WITH
D.S.	DOWN SPOUT	O.D.	OUTSIDE DIAMETER	W.C.	WATER CLOSET
DWG.	DRAWING	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED	WD.	WOOD
		O.H.	OPPOSITE HAND	WDW.	WINDOW
EA.	EACH	OPNG.	OPENING	W.P.	WATERPROOFING
EDF	ELECTRIC DRINKING FOUNTAIN	OPP.	OPPOSITE	W.S.	WEATHERSTRIP
EL.	ELEVATION (HEIGHT)	P.C.	PRECAST	WT.	WEIGHT
ELECT.	ELECTRICAL	P.H.	PAPER HOLDER	W.W.	WATER
ELEV.	ELEVATION (DRAWING)	PL.	PLATE	W.W.F.	WELDED WIRE FABRIC
E.J.	EXPANSION JOINT	P.L.	PROPERTY LINE		
EQ.	EQUAL	P.L.M.	PLASTIC LAMINATE		
EQUIP	EQUIPMENT	PLUMB.	PLUMBING		
EXIST.	EXISTING	PLYWD.	PLYWOOD		
EXP.	EXPANSION	P.P.	POWER POLE		
EXT.	EXTERIOR	PR.	PAIR		
		PREFIN.	PREFINISHED		
FB.	FACE BRICK	PT.	POINT		
FD.	FLOOR DRAIN	PTD.	PAINTED		
F.E.	FIRE EXTINGUISHER	P.W.B.	PREFINISHED WALL BOARD		
F.E.C.	FIRE EXTINGUISHER CABINET	QT.	QUARRY TILE		
F.H.C.	FIRE HOSE CABINET				
FIN.	FINISH	R	RADIUS		
FIXT.	FIXTURE	R.D.	ROOF DRAIN		
FLR.	FLOOR	RE. REF.	REFERENCE		
FLSHG.	FLUORESCENT	RECP.	RECEPTACLE		
FLUOR.	FLUORESCENT	REINF.	REINFORCE		
		RES.	RESILIENT		
GA.	GAUGE	REQ'D.	REQUIRED		
GALV.	GALVANIZED	REV.	REVISION, REVISED		
G.B.	GRAB BAR	RF	RECREATIONAL RESILIENT FLOORING		
CMBU	GLAZED CONCRETE MASONRY UNIT	RPG.	RELOCATABLE PAINTED GYPSUM BOARD		
GEN.	GENERAL	RSS.	ROD STOCK AND SEALANT		
G.I.	GALVANIZED IRON				
GL.	GLASS				
GR.	GRADE				
GTP.	GLAZED TILE PAVER				
GYP.	GYPSUM				

# Symbols Legend

**NORTH ARROW**

**GRAPHIC SCALE**

**BUILDING SECTION TAG**

**PARTITION TAG**

**FLOOR DRAIN**

**OVERFLOW DRAIN AND ROOF DRAIN**

**DETAIL/WALL SECTION TAG**

**PARTIAL PLAN AND DETAIL TAG**

**COLUMN SYMBOL &**

**VERTICAL ELEVATION**

**SPOT ELEVATION**

**SPOT COORDINATE**

**MATCH LINE**

**PROPERTY LINE**

**DRAWING REVISION**

**FENCING (WITH POSTS)**

**BREAK LINE**

**KEY NOTE**

**ROOM NAME AND NUMBER**

**DOOR NUMBER**

**TOILET ACCESSORY SYMBOL**

**SHOWER HEAD**

**FLOOR SINK**

**02 SITE CONSTRUCTION**

- EARTH (existing)
- EARTH (backfill)
- DRAINAGE FILL

**03 CONCRETE**

- CAST-IN-PLACE CONCRETE
- PRECAST CONCRETE

**04 MASONRY**

- BRICK
- CONCRETE MASONRY UNITS
- STONE
- CAST STONE
- GROUT

**05 METALS**

- ALUMINUM
- STEEL

**06 WOODS AND PLASTICS**

- CONTINUOUS WOOD
- INTERMITTENT WOOD
- FINISH WOOD
- HARDBOARD
- MEDIUM DENSITY FIBER BOARD (MDF)
- PARTICLE BOARD
- PLYWOOD
- SOLID SURFACE MATERIAL

**07 THERMAL & MOISTURE PROTECTION**

- BATT INSULATION
- LOOSE FILL INSULATION
- RIGID INSULATION

**08 GLAZING**

- GLASS

**09 FINISHES**

- LATH AND PLASTER
- GYPSUM BOARD

**FIRE HOSE CABINET (RECESSED AND SURFACE MOUNTED)**

**FIRE EXTINGUISHER CABINET (RECESSED AND SURFACE MOUNTED)**

**EQUIPMENT DESIGNATION**

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AS1.02 SITE DETAILS

**CIVIL**

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C1.00 GENERAL NOTES

C2.0 DEMOLITION PLAN

C3.0 PAVING AND DIMENSIONAL CONTROL PLAN

C4.0 GRADING PLAN

C5.0 UTILITY PLAN

C6.0 SUGGESTED EROSION CONTROL PLAN

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C8.0 SUGGESTED EROSION CONTROL PLAN DETAILS

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A3.01 ROOF DETAILS

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A9.01 DOOR & WINDOW DETAILS

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**ELECTRICAL**

E001 ELECTRICAL GENERAL LEGEND

ED101 ELECTRICAL DEMOLITION SITE PLAN

E101 ELECTRICAL LIGHTING SITE PLAN

E102 ELECTRICAL POWER SITE PLAN

E201 ELECTRICAL LIGHTING PLAN

E202 ELECTRICAL POWER PLAN

E203 MECHANICAL EQUIPMENT CONNECTIONS

E301 ELECTRICAL ONE-LINE DIAGRAM

E302 ELECTRICAL SCHEDULES

E303 ELECTRICAL SCHEDULES

E401 ELECTRICAL DETAILS

E402 ELECTRICAL DETAILS

E403 LIGHTING CONTROL DETAILS

E404 LIGHTING CONTROL DETAILS

**TELECOMMUNICATIONS**

TN001 TELECOM. GENERAL LEGEND

TN101 EXISTING TELECOM. SITE PLAN

TN102 NEW TELECOM. SITE PLAN

TN201 TELECOM. PLAN

FA001 FIRE ALARM GENERAL LEGEND

FA201 FIRE ALARM PLAN

TY001 SECURITY SYSTEMS GENERAL LEGEND

TY201 SECURITY PLAN

**MECHANICAL**

M001 MECHANICAL GENERAL LEGEND

M101 MECHANICAL FLOOR PLAN

M102 MECHANICAL ROOF PLAN

M201 MECHANICAL SCHEDULES

M202 MECHANICAL SCHEDULES

M301 MECHANICAL DETAILS

**PLUMBING**

P001 PLUMBING GENERAL LEGEND

P100 PLUMBING SITE PLAN

P101 PLUMBING SANITARY SEWER PLAN

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P103 PLUMBING ENLARGED PLANS

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FP100 AUTOMATIC SPRINKLER SYSTEM PERF. SPECIFICATION NOTES

FP101 CONCEPTUAL FIRE PROTECTION PLAN

# Code Info

**GENERAL INFORMATION**

LOCATION: Mercedes, TX

AGENCY INFORMATION: City of Mercedes

RESPONDING FIRE DEPARTMENT: City of Mercedes Fire Department

REASON FOR SUBMITTAL: New Construction

ARCHITECT: Alvarado Architects & Associates, Inc. 307 South Main St. Donna, Texas 78837

**A. PROJECT DESCRIPTION**

This project consists of the construction of new offices with load bearing masonry walls and a pre-engineered metal building with a three bay service garage.

**B. APPLICABLE CODES**

2015 - INTERNATIONAL BUILDING CODE

2015 - INTERNATIONAL MECHANICAL CODE

2015 - INTERNATIONAL PLUMBING CODE

2008 - NATIONAL ELECTRIC CODE

2012 - INTERNATIONAL FIRE CODE

2015 - NFPA 101 LIFE SAFETY CODE

FM GLOBAL STANDARDS FOR FIRE PROTECTION

2015 - INTERNATIONAL ENERGY CONSERVATION CODE

COMMUNICATIONS: TIA/EIA STANDARDS

TEXAS ACCESSIBILITY STANDARD



Area Map of Mercedes Sunset Park, Mercedes TX

REVISIONS


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**HIDALGO COUNTY, PCT.1**

**SUNSET PARK OPERATIONS FACILITY**

MERCEDOS, TEXAS

DATE: 04/26/19

DRAWING TITLE: INDEX OF DRAWINGS, MAP, CONVENTIONS & CODE INFO

FILE NAME:

JOB NO.: 1718

DATE: 04/26/2019

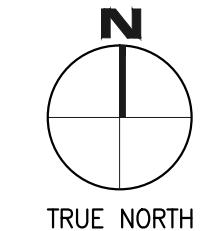
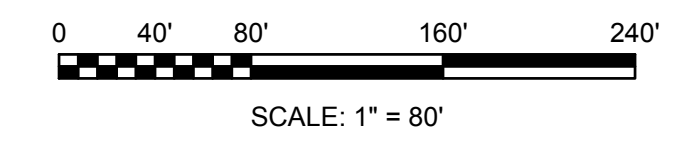
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100% CD'S - FOR CONSTRUCTION



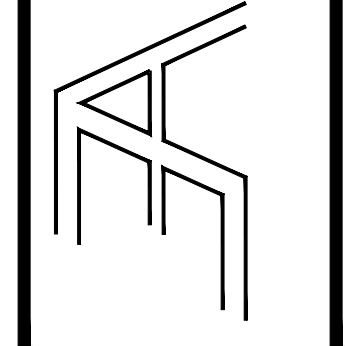


100% CD's - FOR CONSTRUCTION

**5** SURVEY AS FURNISHED BY OWNER (FOR INFORMATIONAL PURPOSES ONLY)  
Scale: 1" = 80'

REVISIONS	

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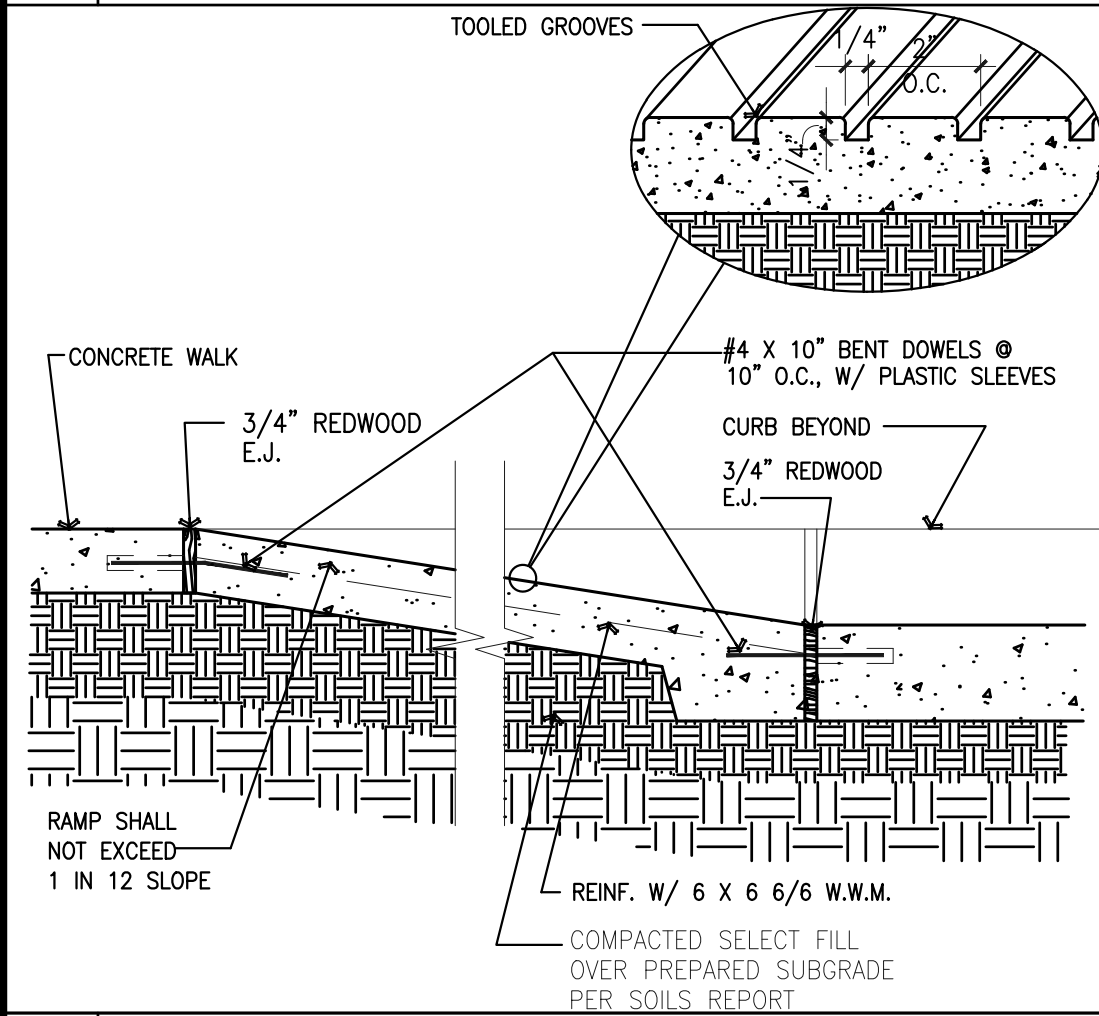
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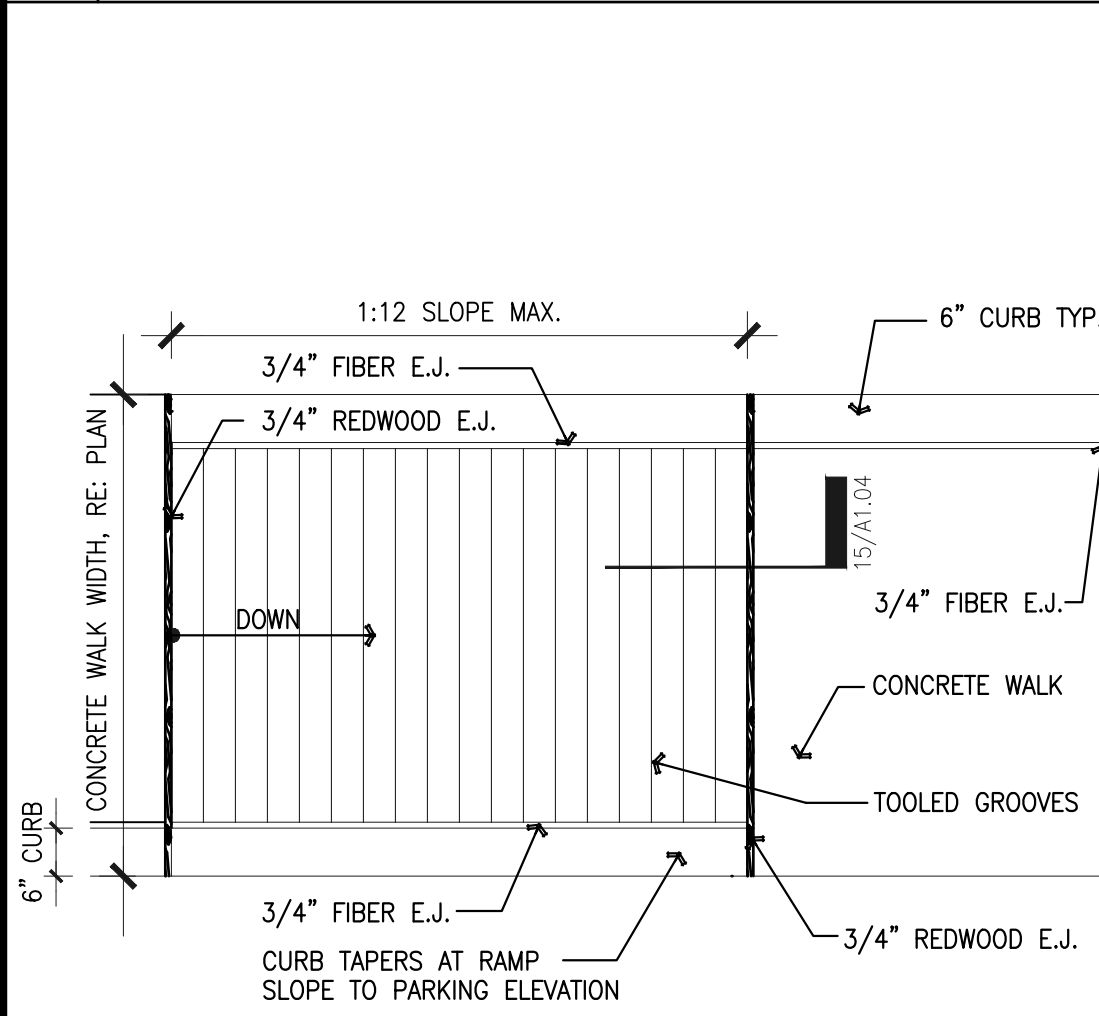


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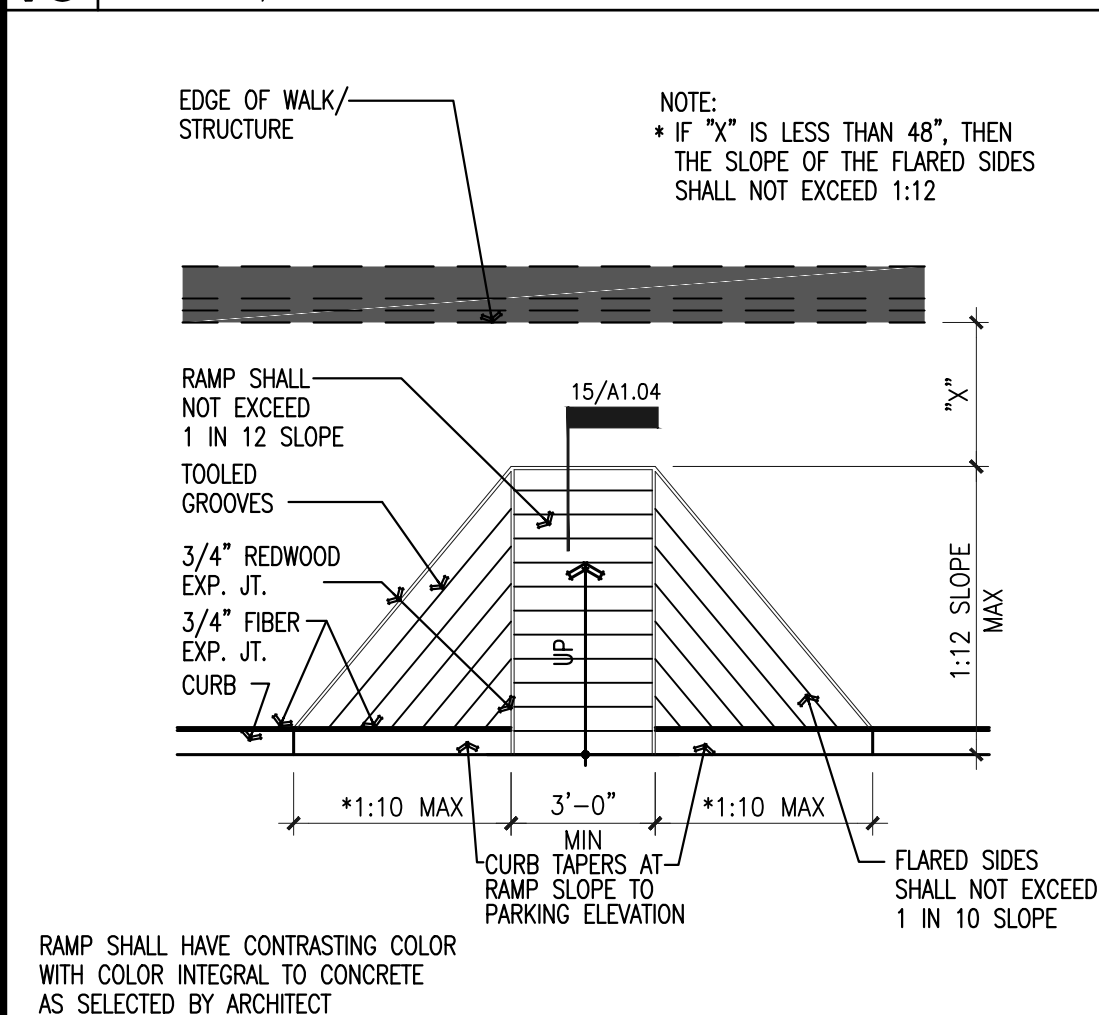


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15 ACCESSIBLE RAMP SECTION  
Scale: 1" = 1'-0"



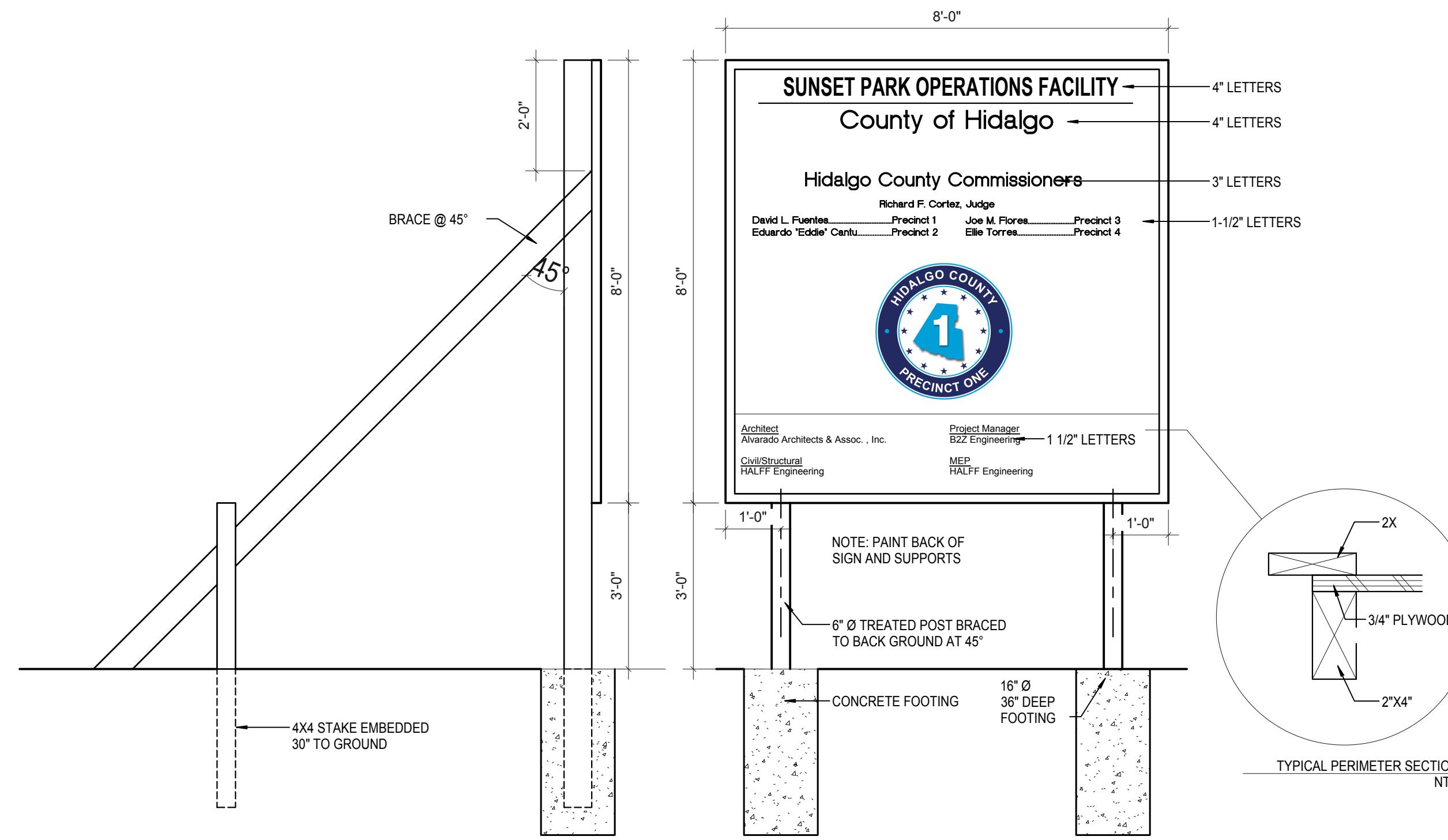
10 ACCESSIBLE RAMP PLAN  
Scale: 1/4" = 1'-0"



5 ACCESSIBLE RAMP  
Scale: 1/4" = 1'-0"

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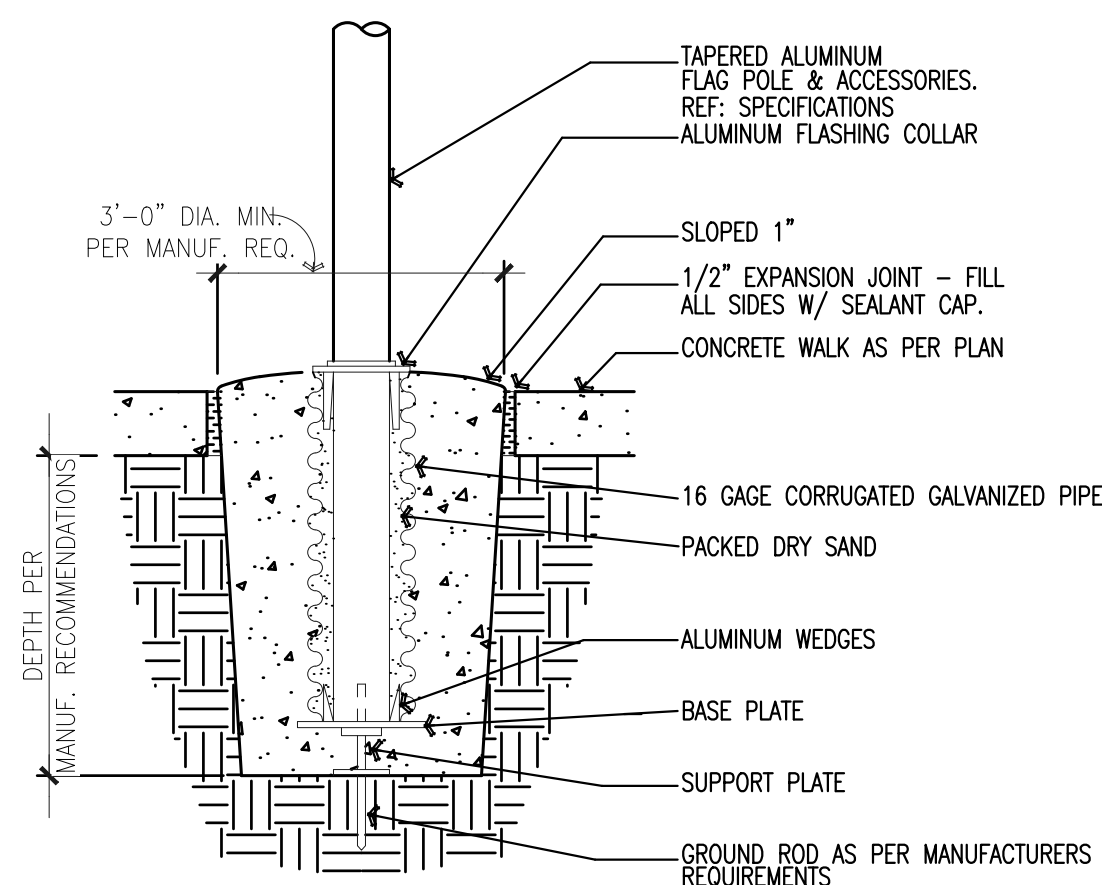
13 JOB SITE SIGNAGE DETAIL  
Scale: 1/2" = 1'-0"



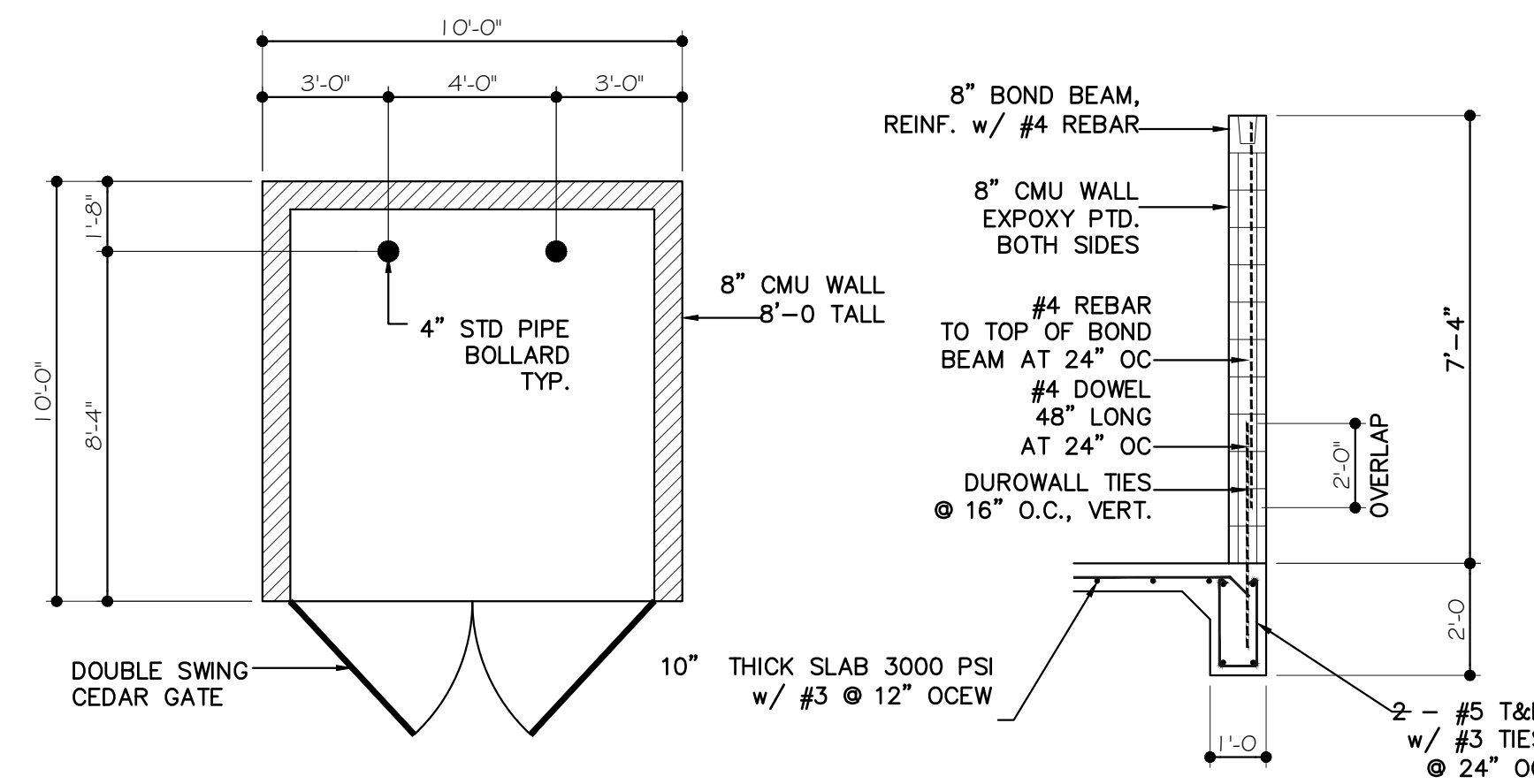
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Scale: N.T.S.

3 FLAG POLE BASE  
Scale: 1" = 1'-0"



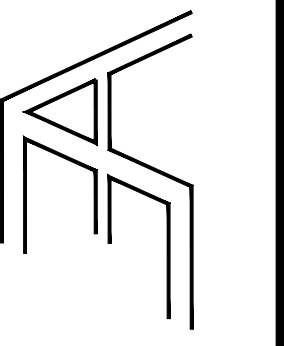
2 DUMPSTER FLOOR PLAN  
Scale: 1/4" = 1'-0"



REVISIONS

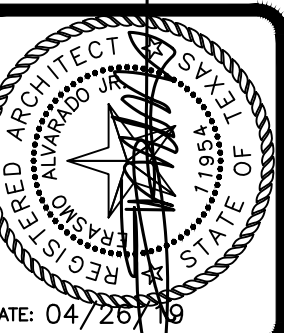
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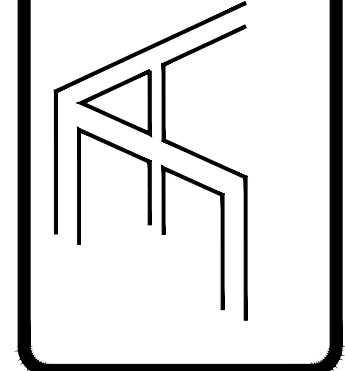
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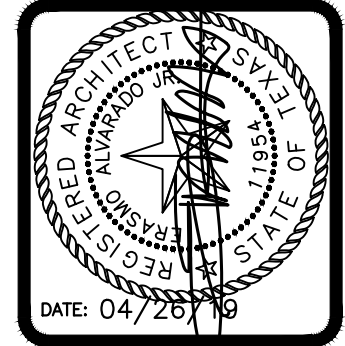
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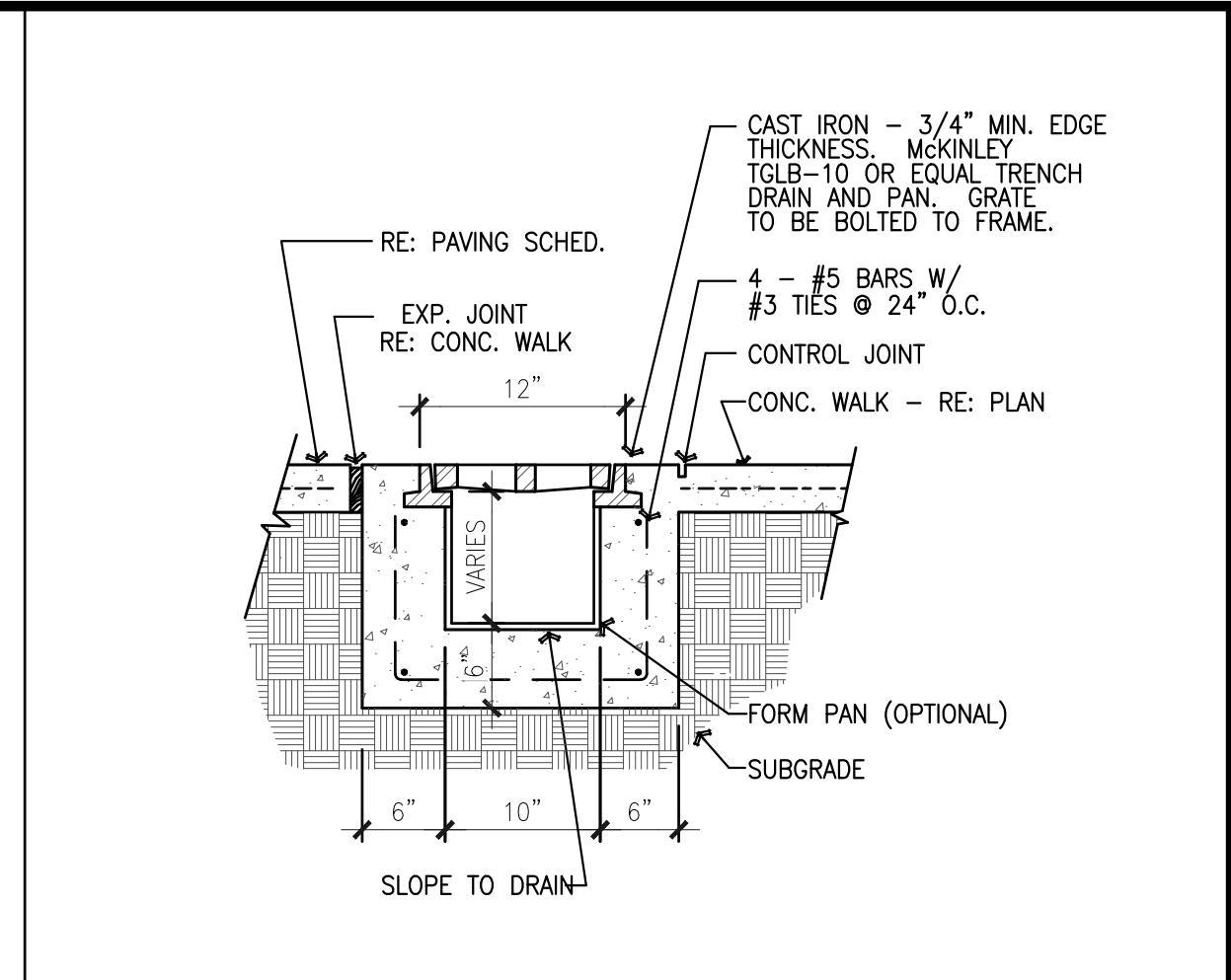
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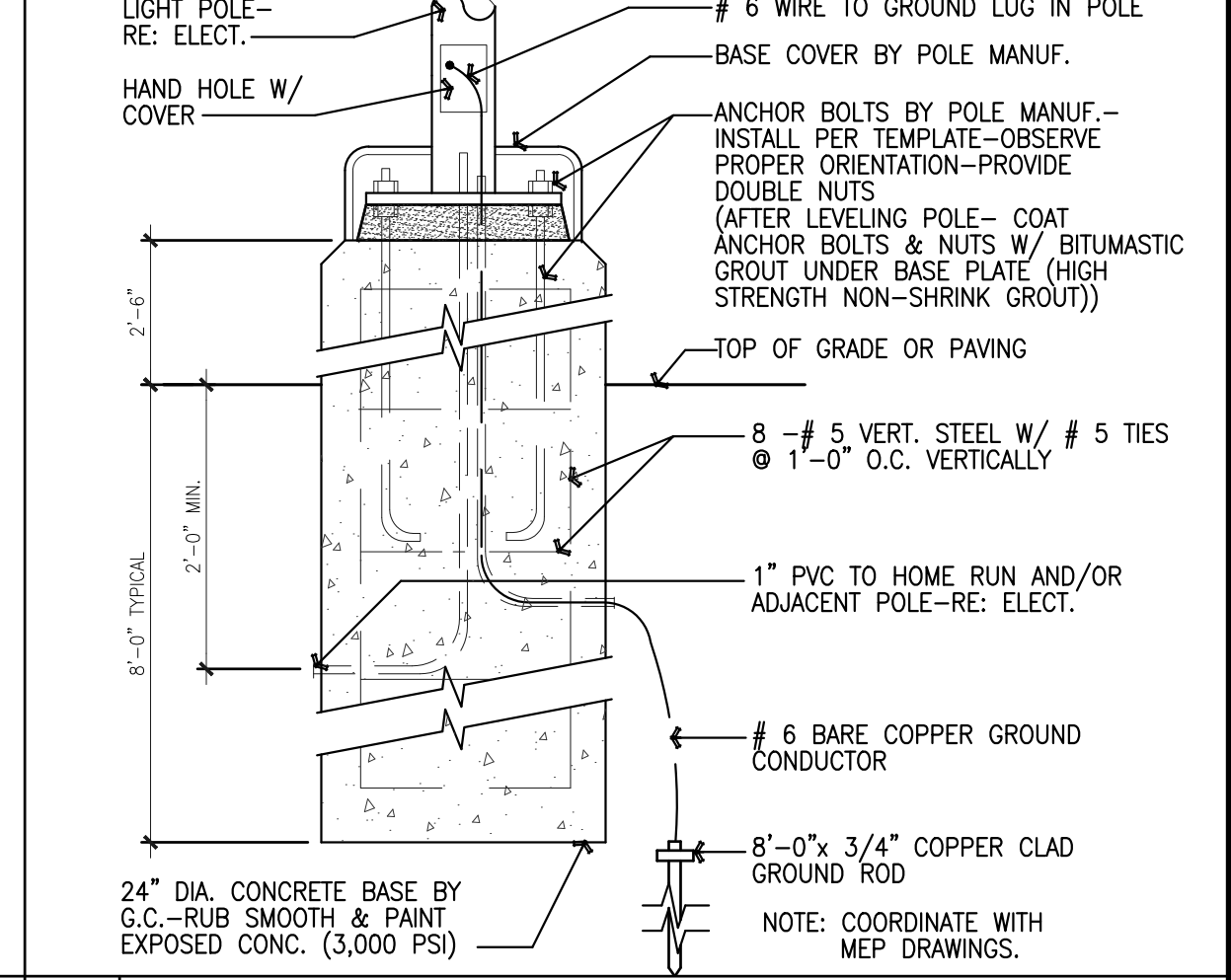


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 DRAWN BY: MG  
 CHECKED BY: E.A. / E.A. III  
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**AS1.02**



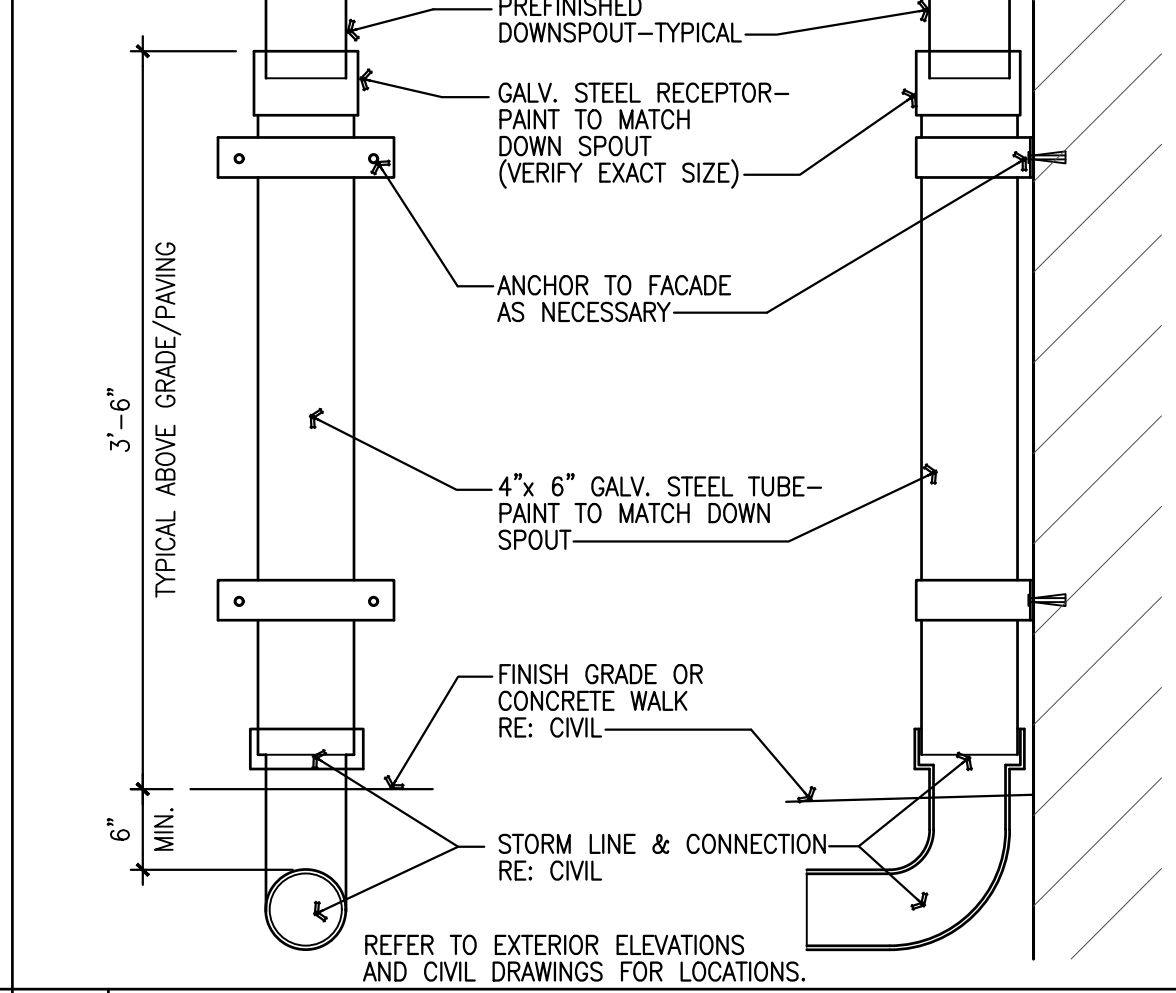
**16 TRENCH DRAIN**  
 Scale: 1" = 1'-0"



**11 LIGHT POLE BASE**  
 Scale: 1" = 1'-0"



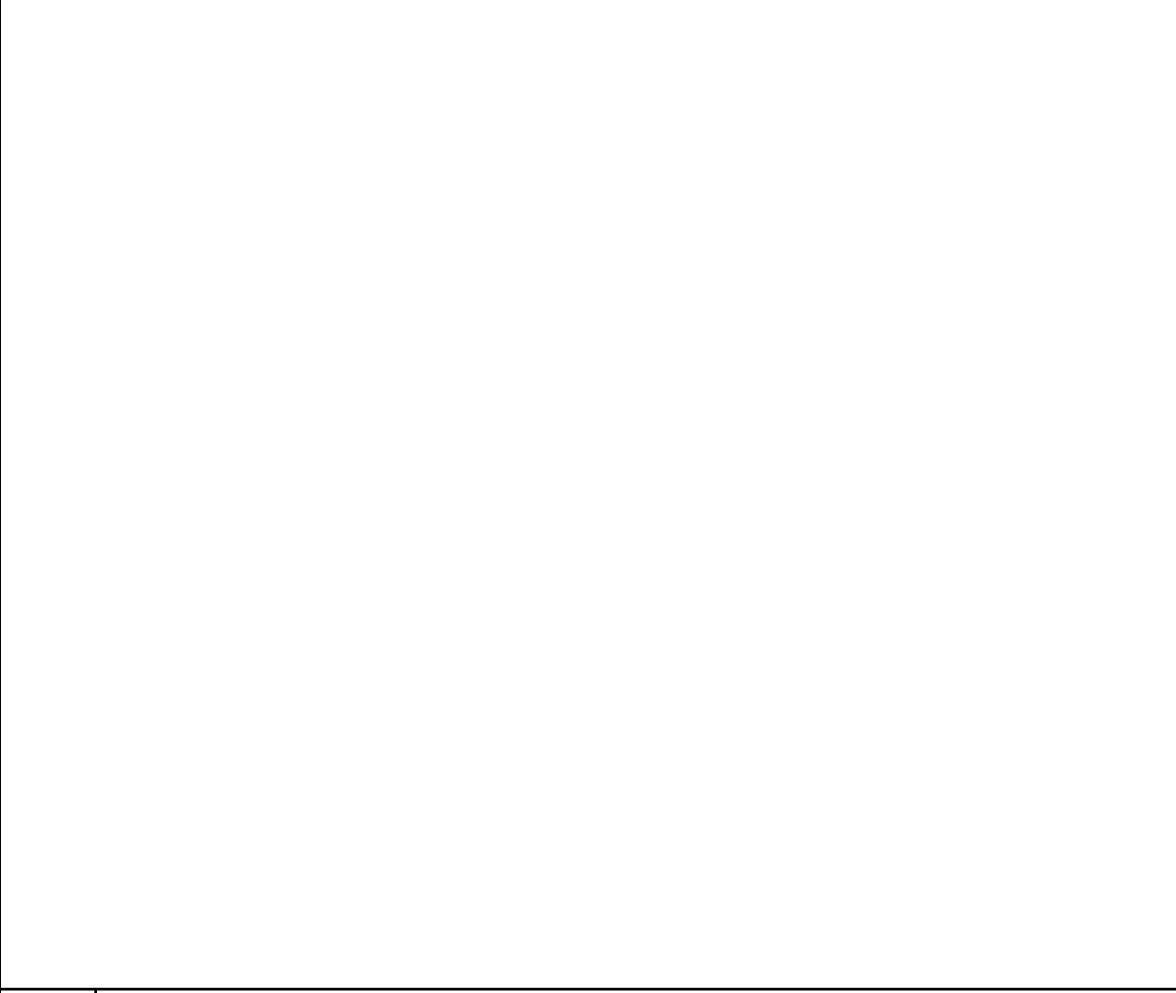
**12 DOWN SPOUT BOOT**  
 Scale: 1" = 1'-0"



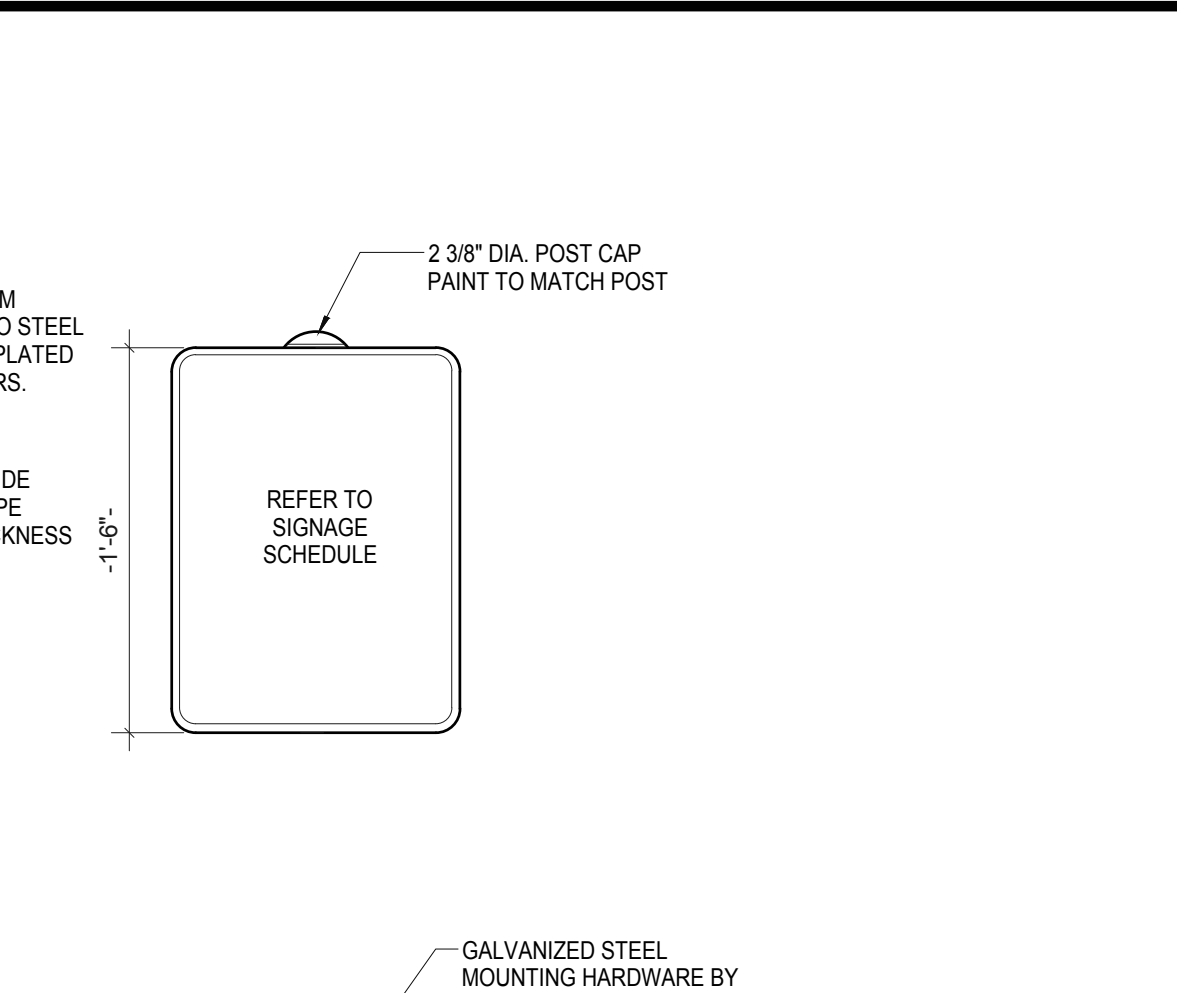
**7 ACCESSIBLE PARKING SIGN (1/SPACE)**  
 Scale: 1" = 1'-0"



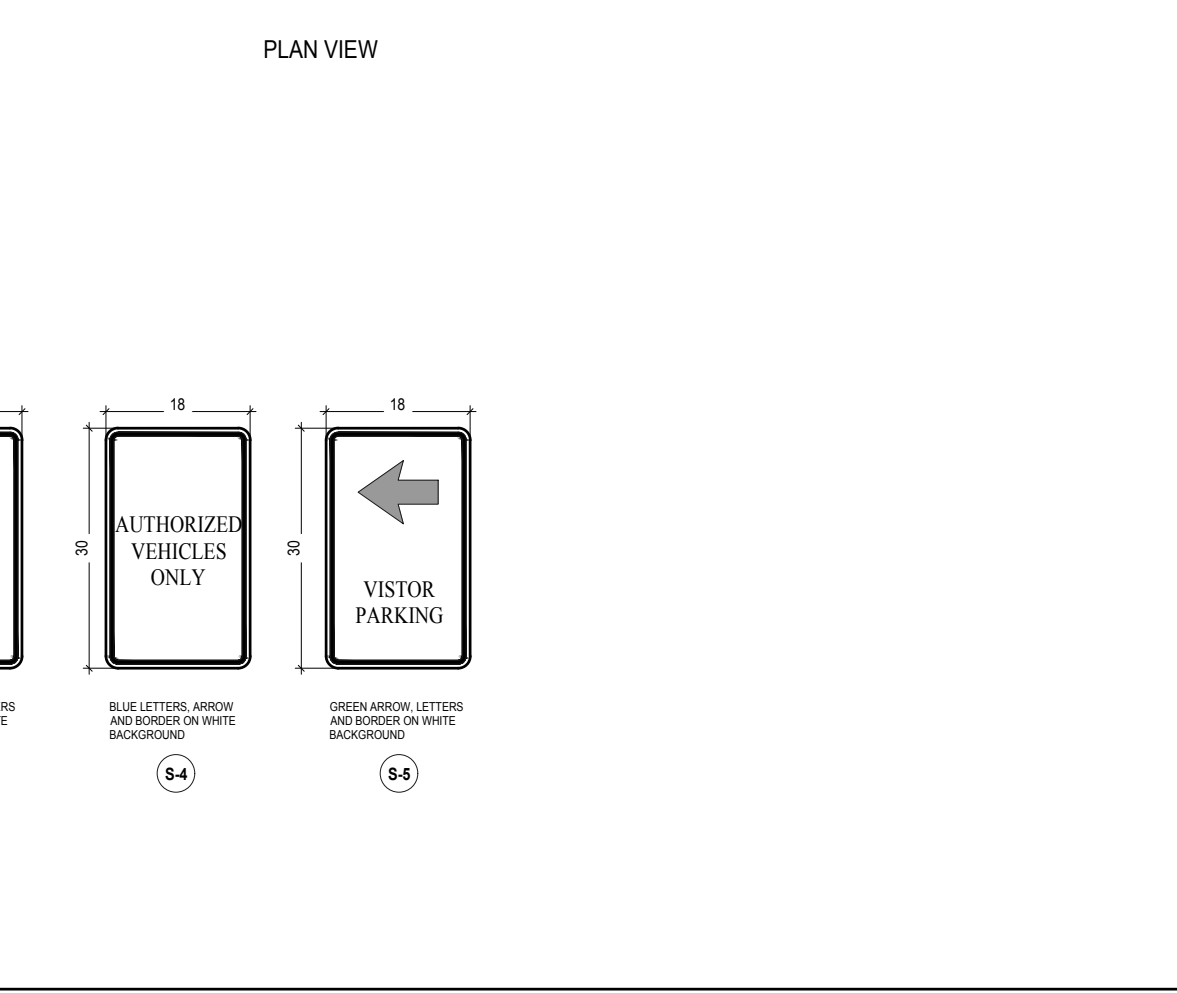
**8 WALK AT EDGE OF BLDG.**  
 Scale: 1" = 1'-0"



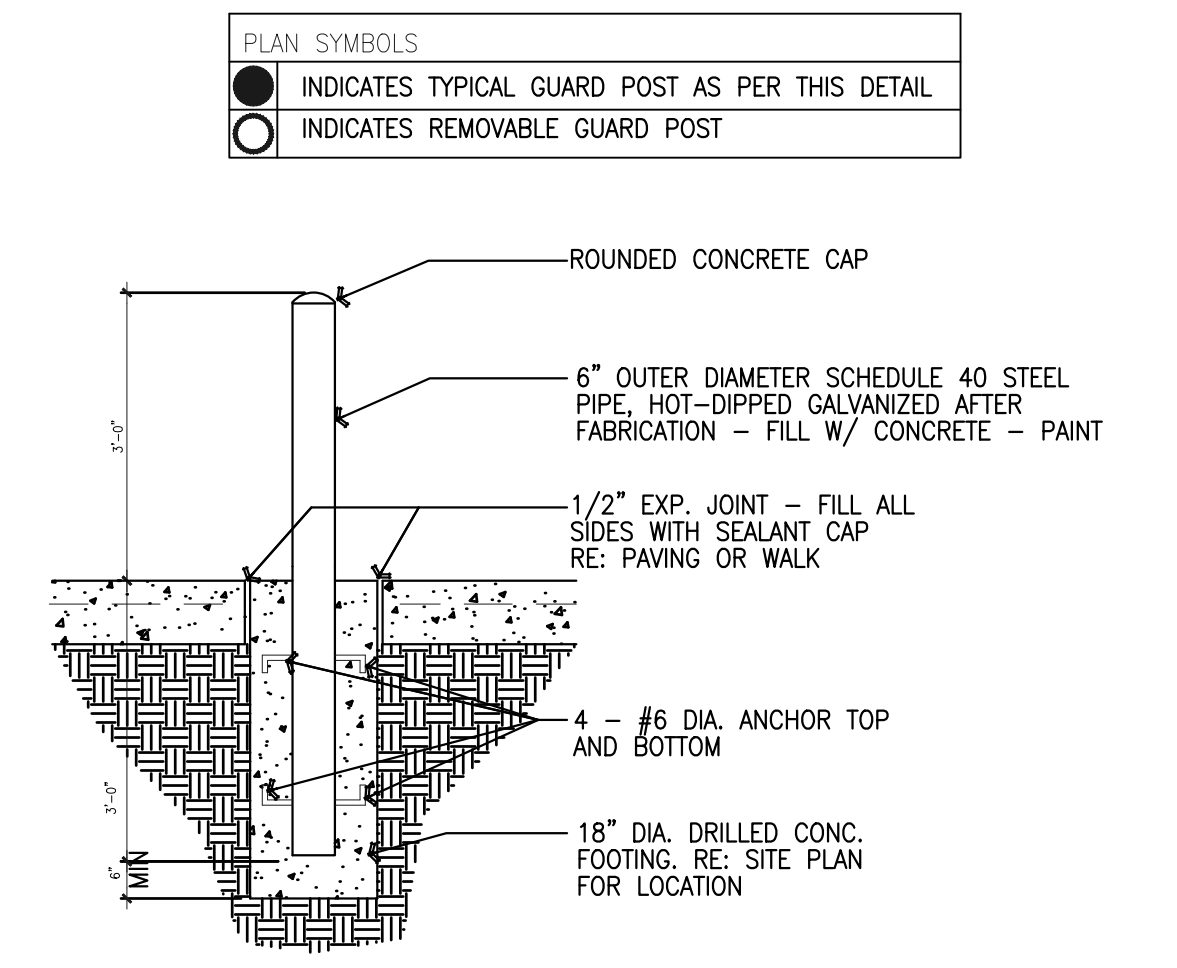
**2 CONCRETE WALK C.J.**  
 Scale: 1" = 1'-0"



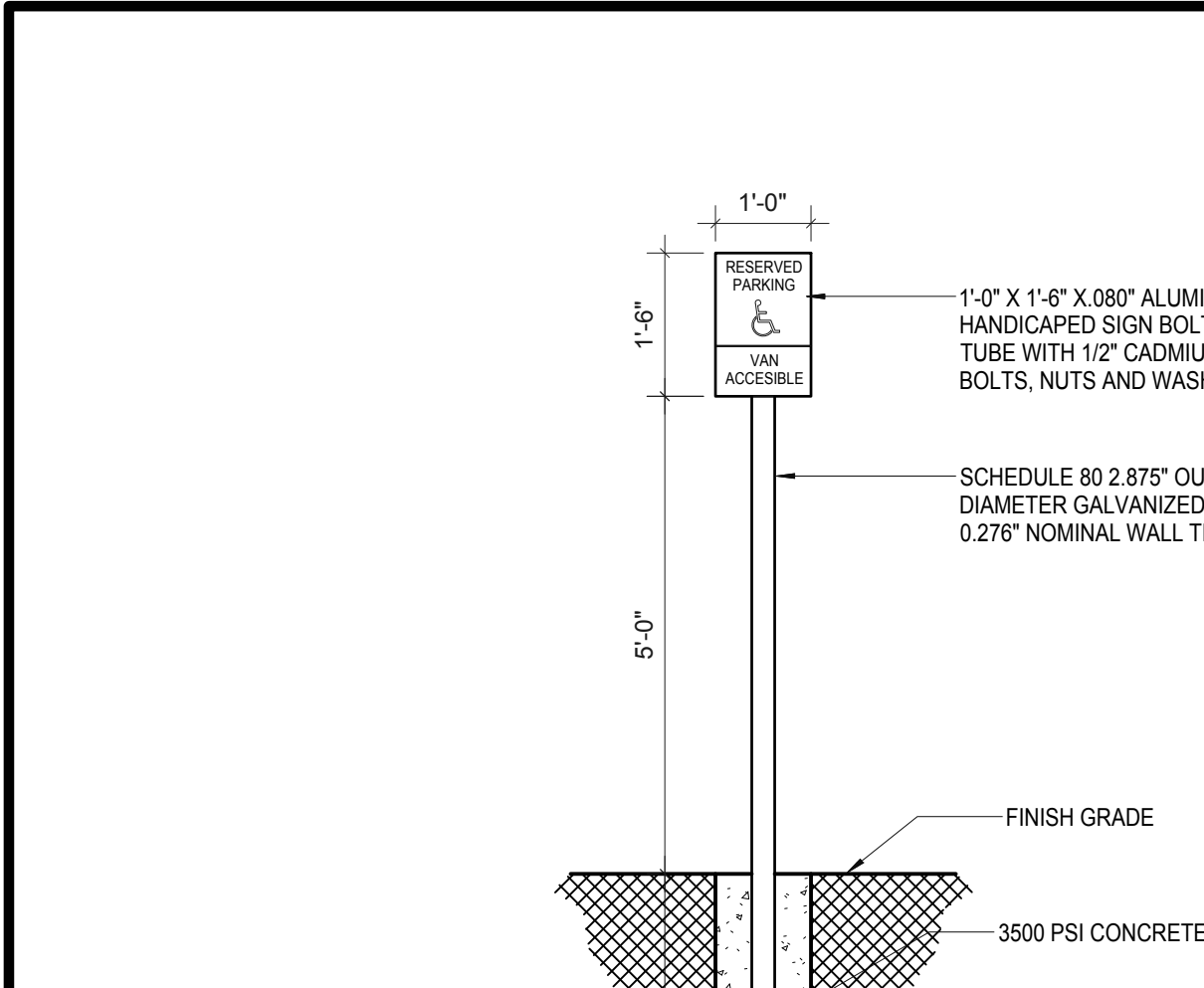
**4 CONCRETE WALK EXPANSION JOINT**  
 Scale: 1" = 1'-0"



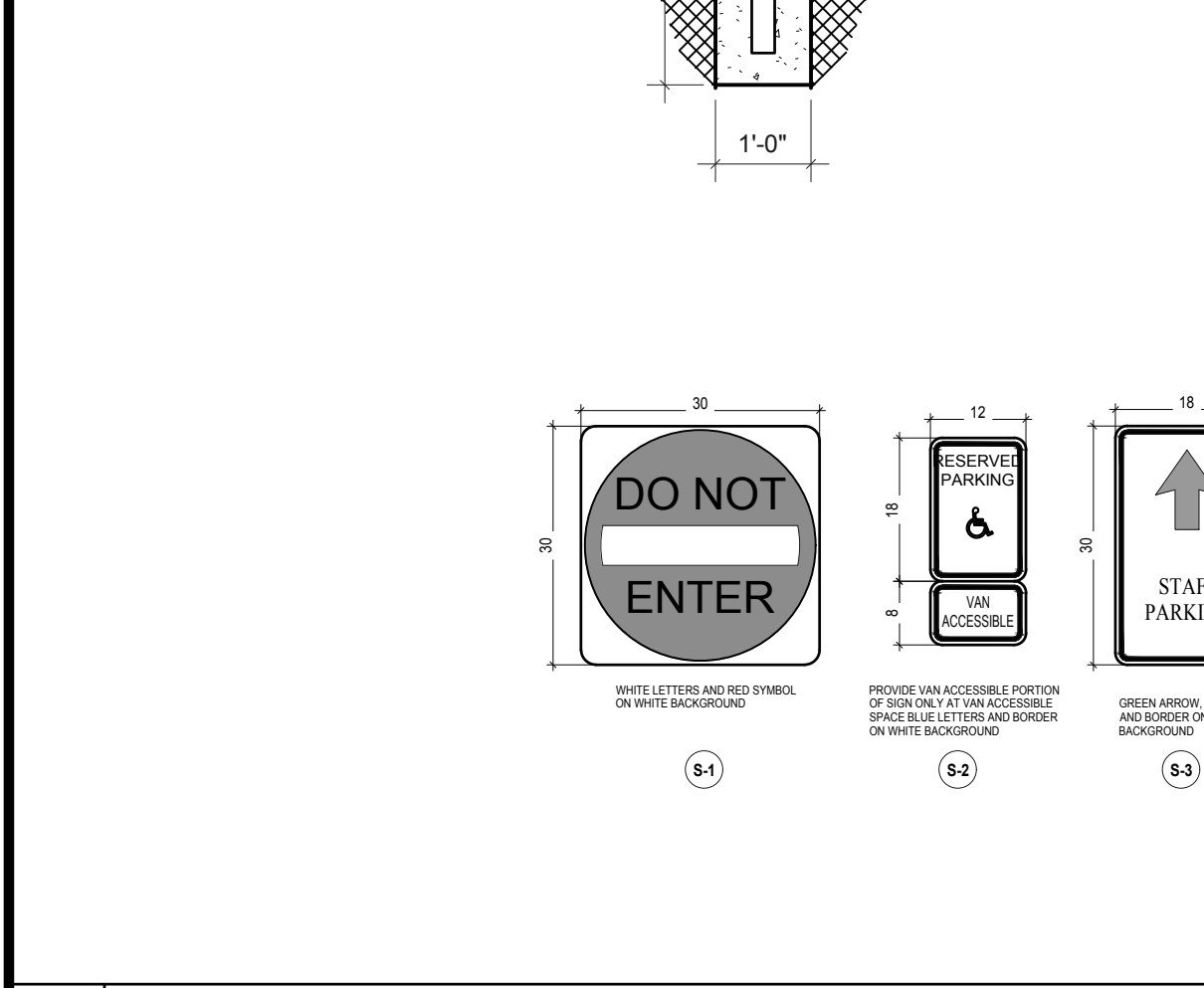
**10 ACCESS RAMP SECTION**  
 Scale: 1" = 1'-0"



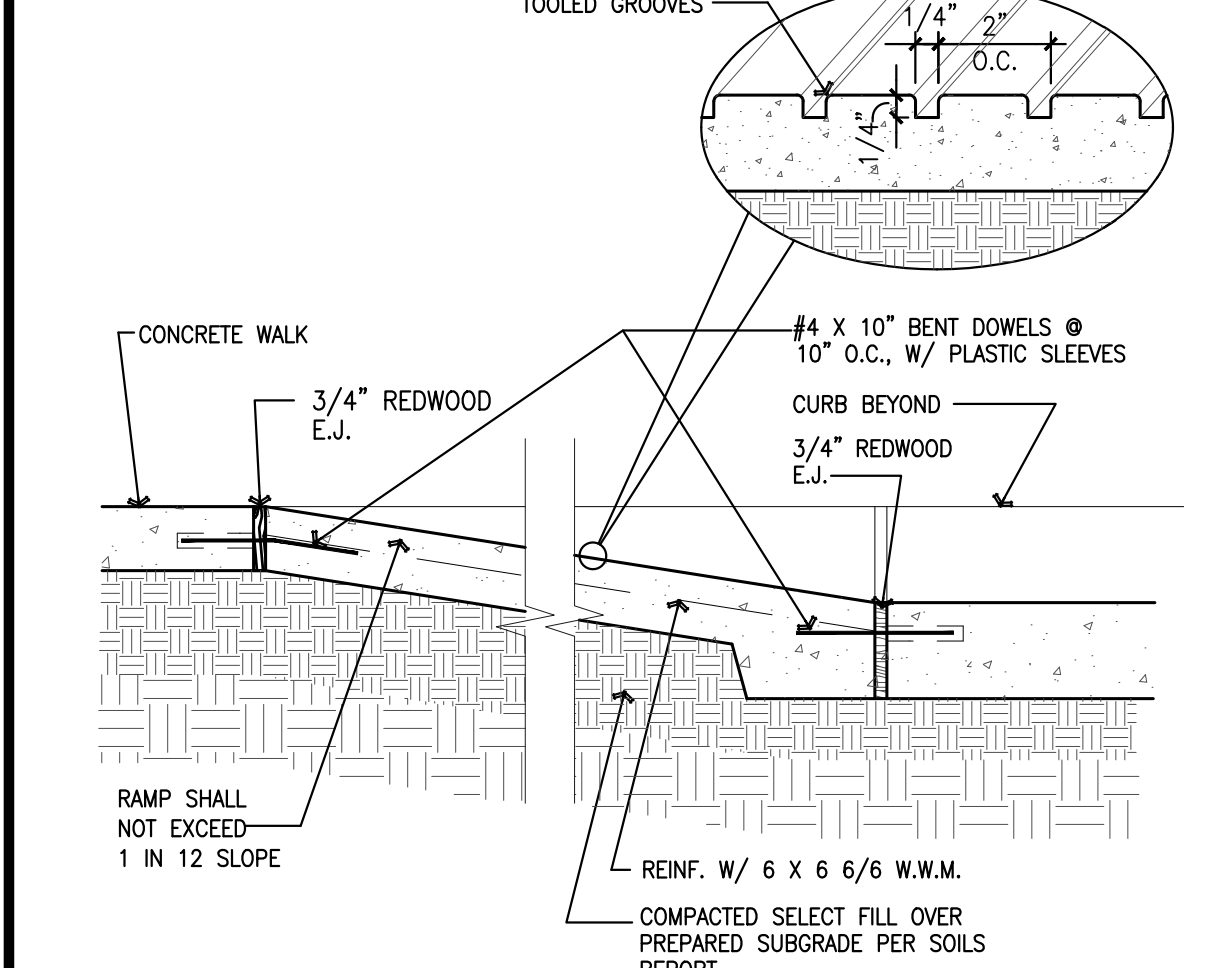
**9 GUARD POST**  
 Scale: 1" = 1'-0"



**15 SIGNAGE DETAILS AND LEGEND**  
 Scale: 1/2" = 1'-0"



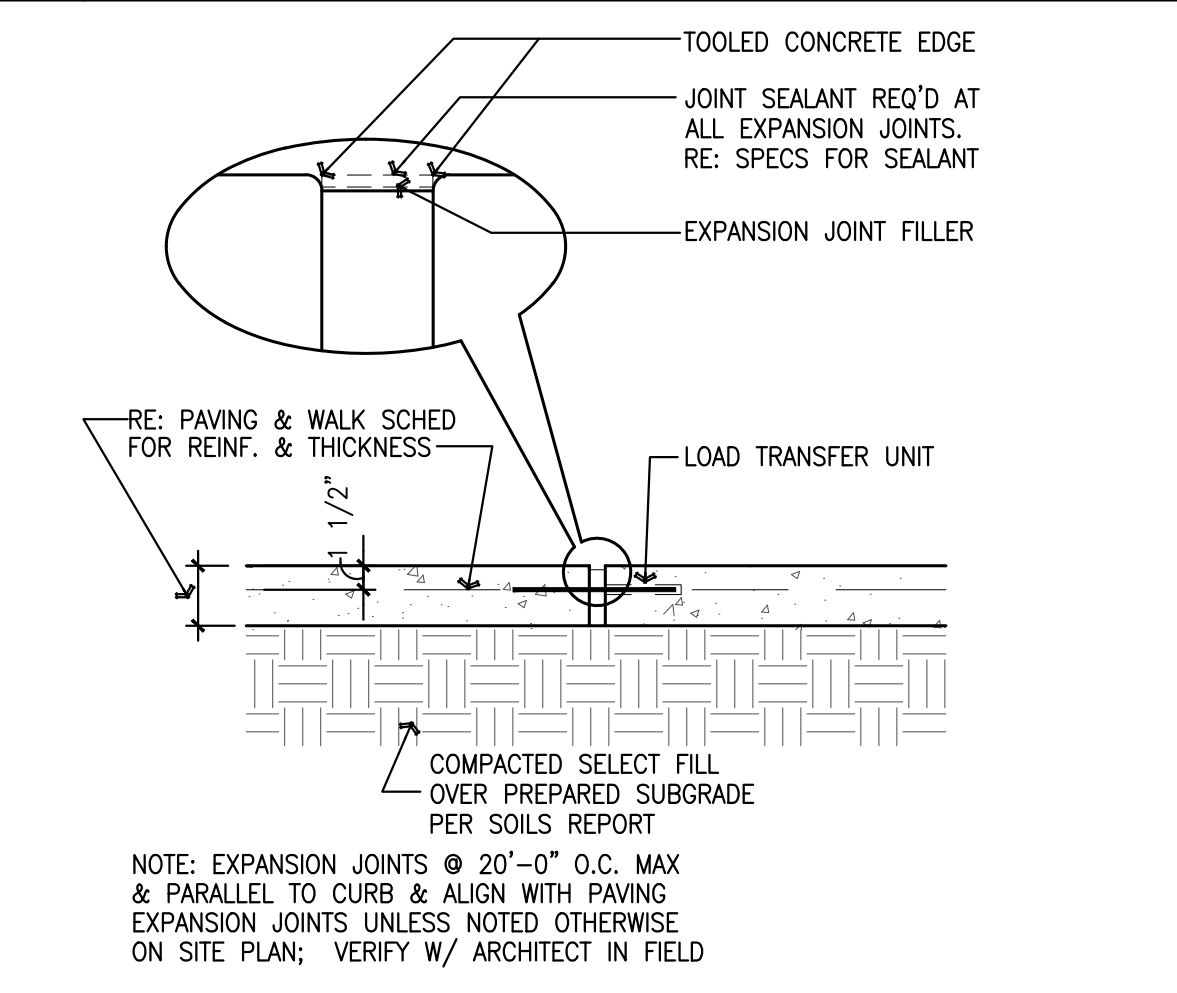
**5 CONCRETE WHEEL STOP**  
 Scale: 1" = 1'-0"



**4 CONCRETE WALK EXPANSION JOINT**  
 Scale: 1" = 1'-0"

AREA	CONCRETE THICKNESS	REINFORCING
SIDEWALKS AND ENTRY WALKS	4"	6 X 6 #6 W.W.M. FLAT (NOT ROLLED)
PARKING AREAS (NON-SHADED AREAS)	5"	#3 BARS @ 15" O.C. EACH WAY
PARKING DRIVE AREAS (SHADED AREAS)	5"	#3 BARS @ 15" O.C. EACH WAY
MECHANICAL YARDS WITH OUT VEHICLE TRAFFIC	6"	#3 BARS @ 12" O.C. EACH WAY

**6 ACCESSIBLE STRIPING**  
 Scale: 1" = 1'-0"



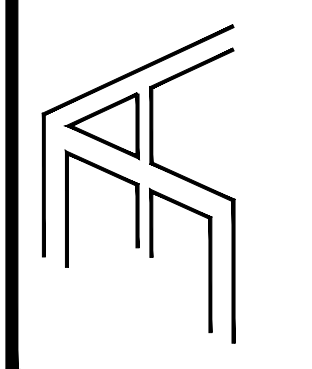
**3 CONCRETE WALK EDGE**  
 Scale: 1" = 1'-0"

**1 PAVING + WALK SCHEDULE**  
 Scale: 1" = 1'-0"

100% C.D.'S FOR CONSTRUCTION

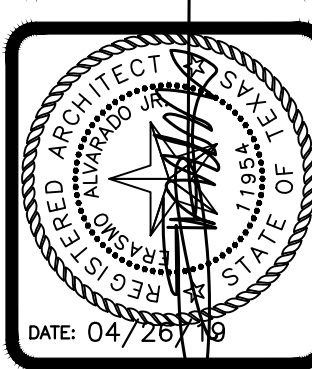
NO.	REVISIONS

**ALVARADO ARCHITECTS & ASSOCIATES, INC.**  
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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS



DRAWING TITLE:  
**DOOR/WINDOW SCHEDULES**

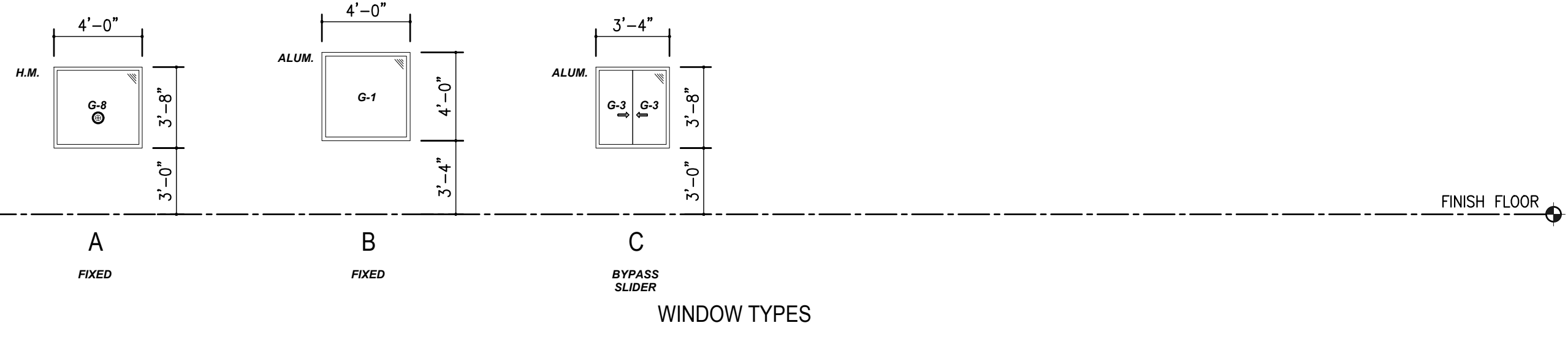
FILE NAME:  
 JOB NO.: 1718  
 DATE: 04/26/2019  
 DRAWN BY: MG  
 CHECKED BY: E.A. 1/ E.A. III  
 SHEET:

**A2.00**

**WINDOW SCHEDULE**

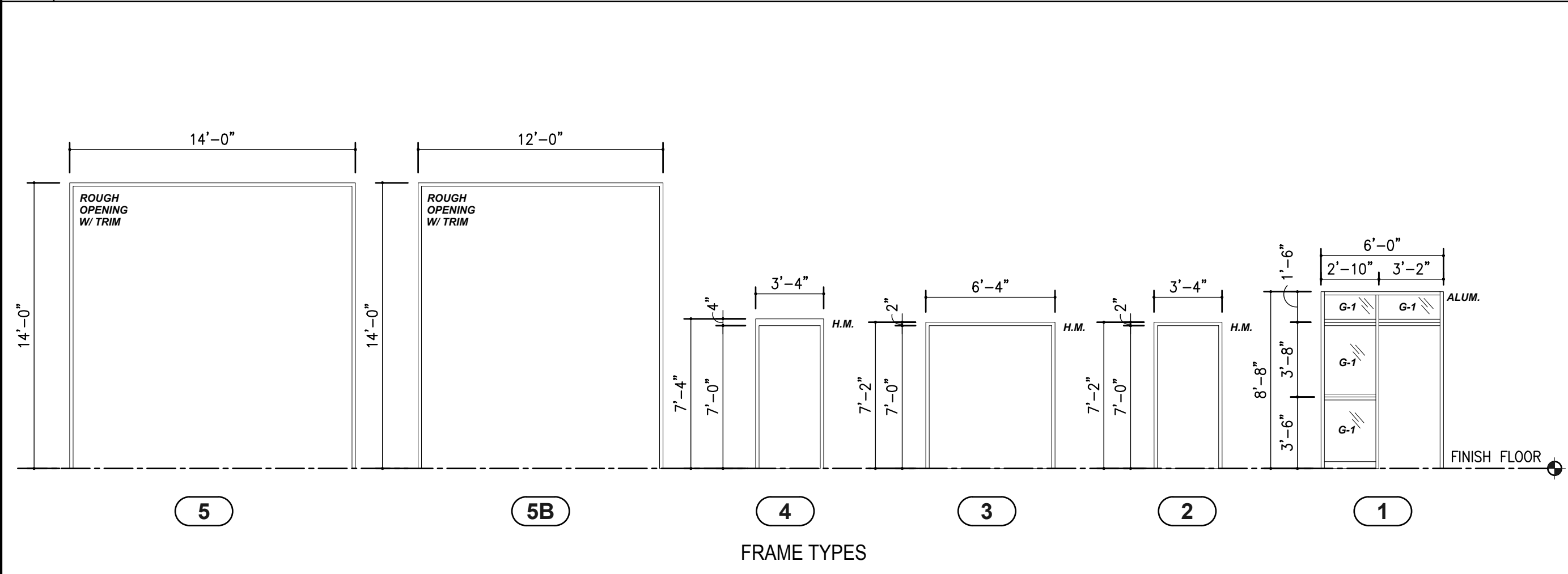
MARK	FRAME SIZE W x H	WINDOW ELEV	FR MAT'L	DETAILS			H.W.	REMARKS
				SILL	JAMB	HEAD		
1	4'-0" x 3'-8"	A	H.M.	2/A9.00	7/A9.00	7/A9.00	-	REF: SPECS., INSTALL CLR 834 SERIES NO DRAFT SPEAK THRU
2	4'-0" x 4'-0"	B	ALUM	3/A9.00	6&7/A9.00	12/A9.00	-	ADD BLINDS, REF: SPECS.
3	3'-4" x 3'-8"	C	ALUM	17/A9.01	17/A9.01	17/A9.01	-	ADD LOCKS, REF: SPECS.

**GLASS TYPES**  
 G-1 TINTED TEMPERED GLASS, REF: SPECS.  
 G-3 CLEAR TEMPERED GLASS, REF: SPECS.  
 G-8 BULLET RESISTANT GLASS, REF: SPECS.



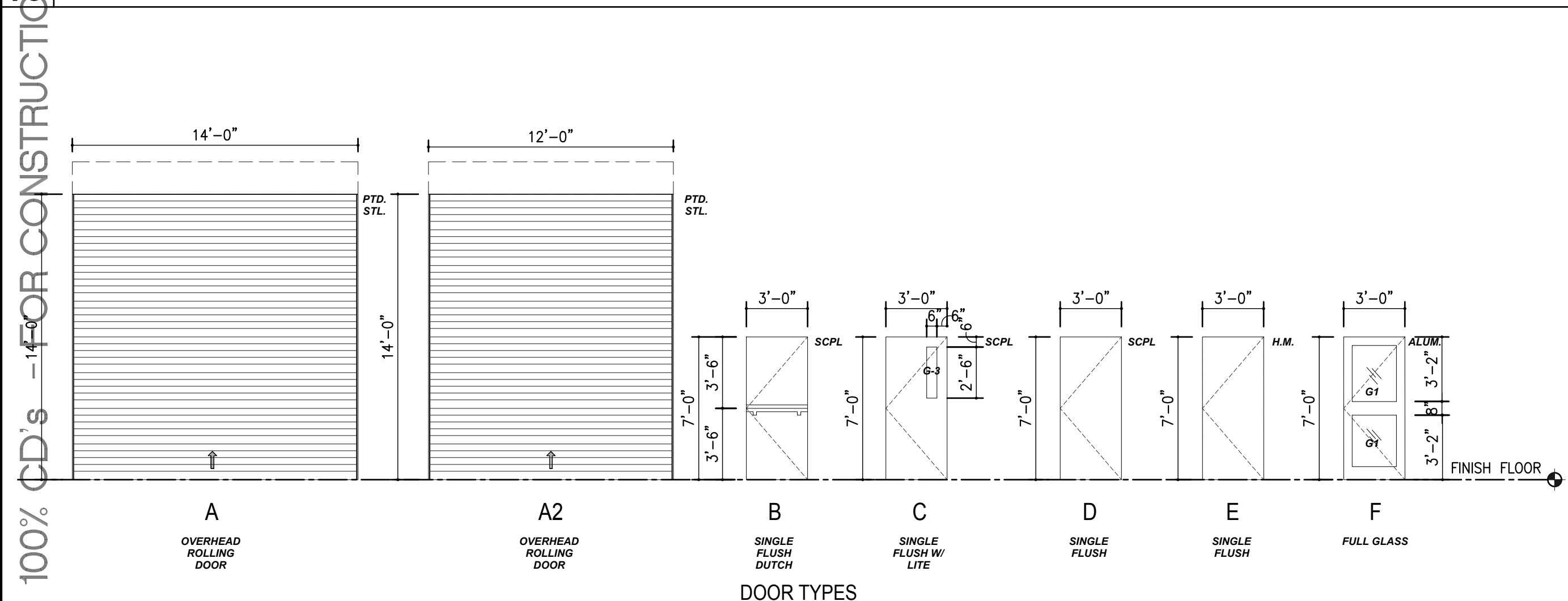
WINDOW TYPES

**15 WINDOW ELEVATIONS**  
 SCALE: N.T.S.



FRAME TYPES

**10 FRAME ELEVATIONS**  
 SCALE: N.T.S.



DOOR TYPES

**5 DOOR ELEVATIONS**  
 SCALE: N.T.S.

**FINISH SCHEDULE**

RM. NO.	RM. NAME	FLOOR				BASE		WALL				CEILING		CEILING HEIGHT	REMARKS				
		CARPET	QUARRY TILE	SEALD CONCRETE	TERRAZO	RESILIENT BASE	CERAMIC TILE COVE	QUARRY TILE	NONE	V.M.C.	GYP. BD. - PAINT	CMU EPOXY FINISH	CERAMIC TILE			FACE BRICK	VINYL WALL COVERING	8" MTL. LINER PANEL WAINSCOT	2"x2" LAY-IN TYPE 'A'
100	LOBBY													9'-0" A.F.F.					
101	OFFICE													9'-0" A.F.F.					
102	RECEPTION													9'-0" A.F.F.					
103	OFFICE													9'-0" A.F.F.					
104	DISPATCH 1													9'-0" A.F.F.					
105	OFFICE													9'-0" A.F.F.					
106	STORAGE													9'-0" A.F.F.					
107	CORRIDOR													9'-0" A.F.F.					
108	WOMEN'S RESTROOM													9'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
109	MEN'S RESTROOM													9'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
110	CORRIDOR													9'-0" A.F.F.					
111	CORRIDOR													9'-0" A.F.F.					
112	DISPATCH 2													9'-0" A.F.F.					
113	OFFICE													9'-0" A.F.F.					
114	CONFERENCE ROOM													9'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
115	CORRIDOR													9'-0" A.F.F.					
116	JANITOR													ROOF DECK					
117	FIRE RISER													ROOF DECK					
118	WOMEN'S RESTROOM													9'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
119	MEN'S RESTROOM													9'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
120	ELECTRICAL CLOSET													9'-0" A.F.F.					
121	I.T. OFFICE													9'-0" A.F.F.					
122	I.T. CLOSET													9'-0" A.F.F.					
123	WORKERS POOL													10'-0" A.F.F.	PROVIDE SOUND BATT INSUL. OVER CEILING				
124	STORAGE													9'-0" A.F.F.					
125	KITCHEN/DINING													9'-0" A.F.F.					
126	PARTS STORAGE													17'-0" - 21'-0" A.F.F.					
126A	STORAGE CAGE													17'-0" - 21'-0" A.F.F.					
126B	STORAGE CAGE													17'-0" - 21'-0" A.F.F.					
127	GARAGE													17'-0" - 21'-0" A.F.F.					

\*\*\*NOTE: MATERIAL COLORS TO BE DETERMINED DURING CONSTRUCTION. REFERENCE SPECIFICATIONS FOR MATERIAL GRADE/COLOR PERCENTAGES.

**DOOR SCHEDULE**

MARK	DOOR SIZE W x H	DR ELEV	DR MAT'L	FRAME SIZE	FR ELEV	FR MAT'L	DETAILS			H.W.	FIRE RATING LABEL	REMARKS
							SILL	JAMB	HEAD			
100A	3'-0" x 7'-0"	F	ALUM	6'-0" x 7'-2"	1	ALUM	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
100B	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
101	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
102	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
103	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
104	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
105	3'-0" x 7'-0"	D	H.M.	3'-4" x 7'-4"	2	H.M.	A9.01	3/A9.00	8/A9.00	-	1 HR. REF: SPECS. FOR HARDWARE SCHEDULE	
106A	3'-0" x 7'-0"	B	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
106B	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
107A	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	A9.01	3/A9.00	8/A9.00	-	45 MIN. REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
107B	3'-0" x 7'-0"	D	H.M.	3'-4" x 7'-4"	4	H.M.	A9.01	3/A9.00	8/A9.00	-	1 HR. REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
108	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
109	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
110A	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
110B	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
111	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
112	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
113	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
114A	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
114B	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
115	-	-	-	-	-	-	-	-	-	-	NO DOORS	
116	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	A9.01	1/A9.00	6/A9.00	-	SEE ADDITIONAL DTLS. SH. A9.01	
117	NOT USED	-	-	-	-	-	-	-	-	-	-	
118	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	SEE ADDITIONAL DTLS. SH. A9.01	
119	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	SEE ADDITIONAL DTLS. SH. A9.01	
120	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	SEE ADDITIONAL DTLS. SH. A9.01	
121	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	SEE ADDITIONAL DTLS. SH. A9.01	
122	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
123	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
124	3'-0" x 7'-0"	D	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
125	3'-0" x 7'-0"	C	SCWD	3'-4" x 7'-2"	2	H.M.	A9.01	1/A9.00	6/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE	
126A	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
126B	12'-0" x 14'-0"	A2	STL	12'-0" x 14'-0"	5B	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
126C	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	A9.01	3/A9.00	8/A9.00	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
126D	PR. 2'-0" x 6'-0"	-	-	-	-	-	-	-	-	-	MESH PANEL ENCLOSURE, REF: SPECS.	
126E	PR. 2'-0" x 6'-0"	-	-	-	-	-	-	-	-	-	MESH PANEL ENCLOSURE, REF: SPECS.	
127A	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	
127B	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127C	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127D	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127E	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127F	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127G	14'-0" x 14'-0"	A	STL	14'-0" x 14'-0"	5	H.M.	15/A9.01	14/A9.01	13/A9.01	-	REF: SPECS. FOR MANUFACTURER REQ' - POWERED OPENER	
127H	3'-0" x 7'-0"	E	H.M.	3'-4" x 7'-4"	4	H.M.	-	-	-	-	REF: SPECS. FOR HARDWARE SCHEDULE, SECURED ACCESS	

**3 SCHEDULES**  
 SCALE: N.T.S.

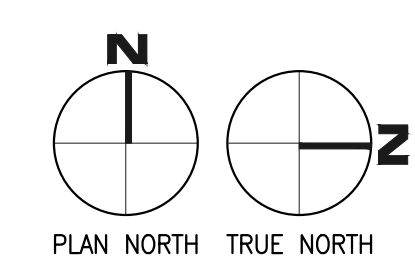
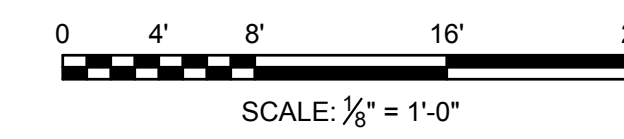
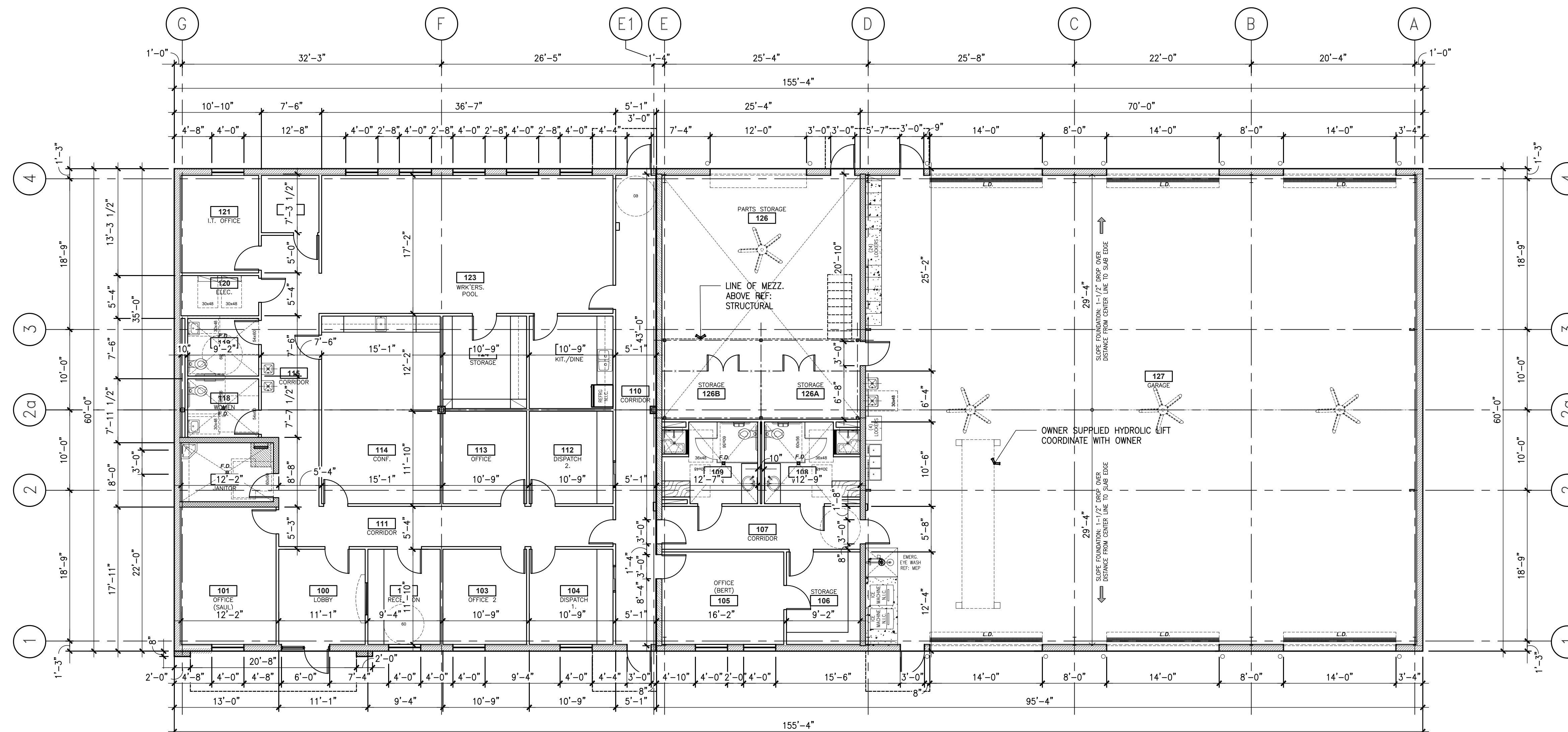


**GENERAL ARCHITECTURAL  
DRAWING NOTES**

1. VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
2. BUILDING FLOOR PLAN DIMENSIONS ARE REFERENCED FROM STRUCTURAL GRID, FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF FINISHED SURFACE, UNLESS NOTED OTHERWISE.
3. REFLECTED CEILING PLAN DIMENSIONS ARE REFERENCED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE. CEILING HEIGHTS ARE DIMENSIONED FROM FLOOR TO FINISHED CEILING HEIGHT.
4. CASEWORK, PLUMBING FIXTURES, TOILET PARTITIONS, AND OTHER FIXTURES AND EQUIPMENT ARE DIMENSIONED FROM FINISHED SURFACES UNLESS NOTED OTHERWISE.
5. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
6. DIMENSIONS NOTED AS "CLEAR" REQUIRE SPECIFIC COORDINATION BETWEEN DISCIPLINES AND/OR MANUFACTURERS.
7. DRAWINGS NOTED AT "N.T.S." ARE NOT TO SCALE.
8. DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CLARIFICATION IS REQUIRED IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS, CONTACT THE ARCHITECT.
9. NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.

**LEGEND**

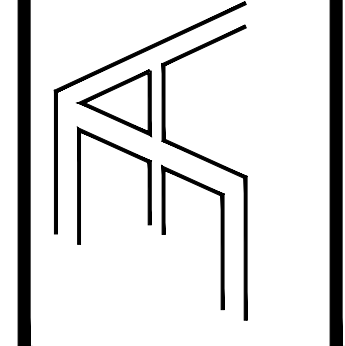
- F.D. - FLOOR DRAIN  
L.D. - LINEAR DRAIN



100% CD's - FOR CONSTRUCTION

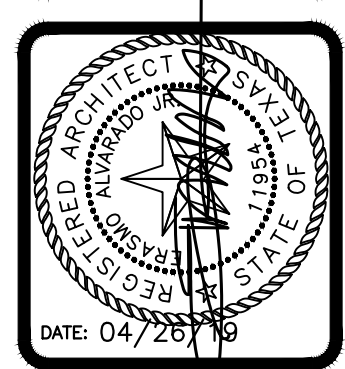
REVISIONS


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**HIDALGO COUNTY, PCT.1  
SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS



DRAWING TITLE:  
**DIMENSIONAL FLOOR PLAN**

FILE NAME:  
1718

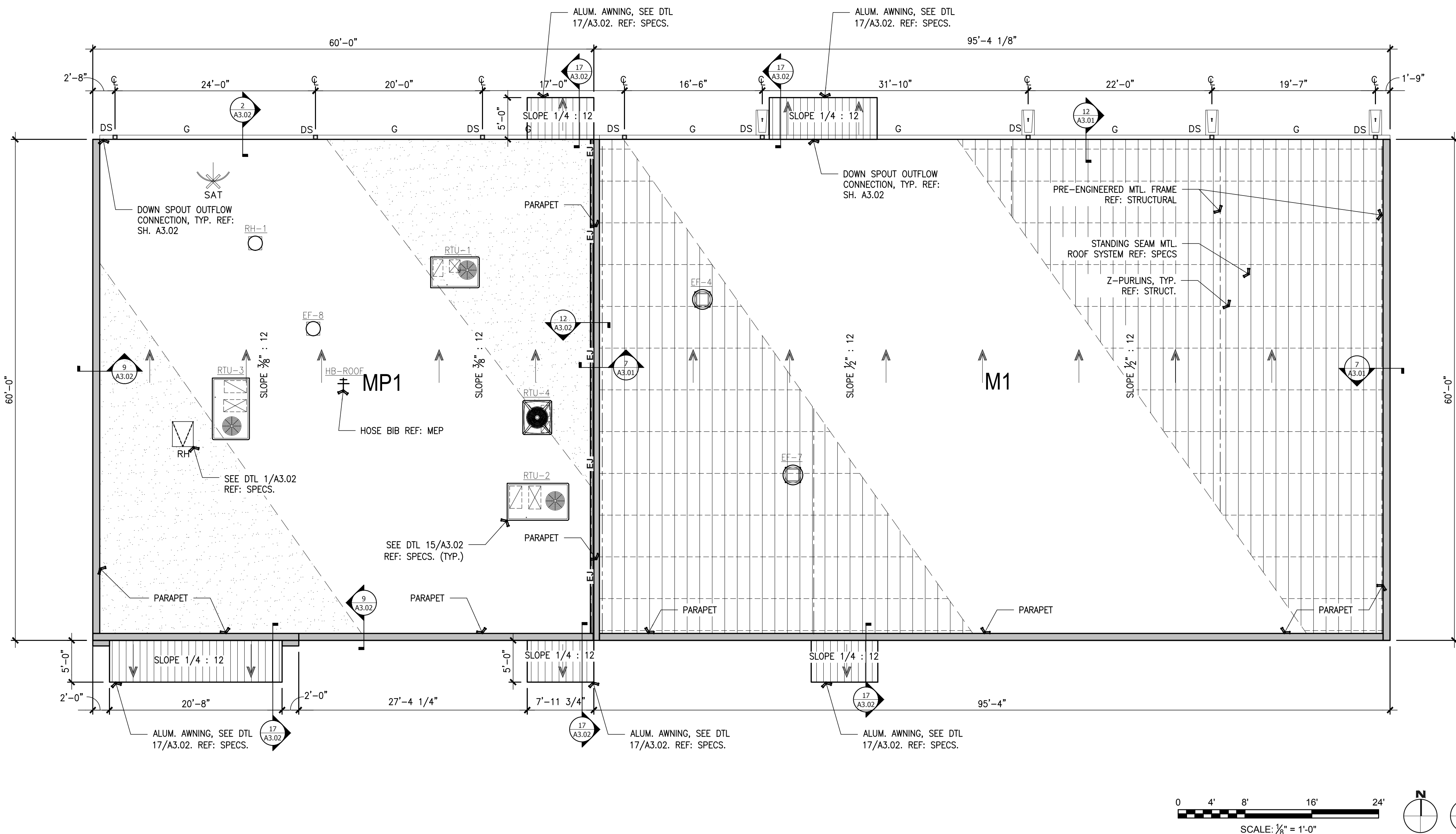
JOB NO.:  
1718

DATE:  
04/26/2019

DRAWN BY:  
MG

CHECKED BY:  
E.A. / E.A. III

SHEET:  
**A2.02**



**LEGEND**

- \* NOTE: REFERENCE SPECIFICATIONS FOR ROOF EQUIPMENT AND ACCESSORIES.
- ∅ PLUMBING VENT
  - ∇ FLANGE VENT
  - PITCH PAN
  - NEW ROOF DRAIN
  - EXIST. ROOF DRAIN
  - OF OVERFLOW DRAINS
  - WALL DRAIN
  - CURB MOUNTED VENT
  - CURB MOUNTED INTAKE
  - ABANDONED CURB TO BE REMOVED/PATCHED
  - GUY WIRE
  - ⊙ POWER VENT
  - ⊙ HEATER VENT
  - ⊙ BOILER VENT
  - ⊙ TURBINE VENT
  - ABANDON EQUIP.
  - GOOSE NECK VENT
  - CURB MOUNTED AC
  - SPLASH BLOCK
  - SPLASH PAN
  - A/C ON POSTS
  - ROOF HATCH
  - SKYLIGHTS
  - ANTENNA
  - SATELLITE DISH
  - SCUPPER
  - GUTTER
  - DOWNSPOUT
  - WALL LADDER
  - SWING LADDER
  - G GAS LINE
  - E ELEC. LINE
  - PIPE BOX
  - EXHAUST AND SUPPLY FAN ON SINGLE CURB
  - RL RIDGE LINE
  - EXISTING AREA TO REMAIN - N.I.C.
  - NEW TAPERED INSULATION/CRICKET
  - A1** ROOF AREA DESIGNATION
    - TAPERED LIGHT WEIGHT CONCRETE
    - DESIGNATES EXTENTS OF WORK PER KEYED NOTES
    - AD AREA DIVIDER
    - EJ EXPANSION JOINT
    - C CONDENSATE LINE
    - W WATER LINE

**ROOFING NOTES**

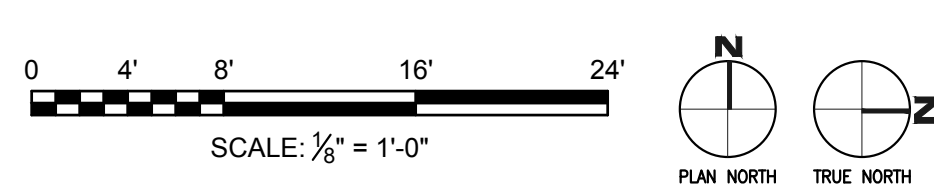
1. CONTRACTOR SHALL REVIEW AND COORDINATE WITH ARCHITECTURAL, MEP, AND STRUCTURAL DOCUMENTS TO ASCERTAIN EXACT CONDITIONS AND COMPONENTS RELATED TO THE WORK DESCRIBED BY THESE DOCUMENTS. ALL WORK SHALL BE IN ACCORDANCE WITH ACCEPTED MANUFACTURER'S PRINTED INSTRUCTIONS AND NRCA STANDARDS.
2. DIMENSIONS, DETAILS, EQUIPMENT SIZE AND LOCATION SHOWN IN THESE CONSTRUCTION DOCUMENTS ARE FOR CONVEYANCE OF DESIGN INTENT ONLY. EXACT SIZE, LOCATION, TYPE OF MATERIAL AND TYPE OF CONSTRUCTION OF EXISTING CONDITIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN AND CONFIRM.
3. REFER TO NOMENCLATURE FOR TYPE OF ROOF SYSTEM. AREAS ARE MARKED WITH DESIGNATED LETTER, SEE ROOF PLAN AND NOMENCLATURE.
4. NOTE THAT THE DETAILS DRAWN ARE GENERIC IN NATURE AND ARE NOT NECESSARILY LOCATED AND KEYED TO THE ROOF PLANS.
5. ALL NEW CRICKETS AND TAPERED INSULATION SHALL BE INSTALLED WITH A FINISHED 1/4" PER FOOT MIN. SLOPE.
6. CRICKET THE UP SLOPE SIDE OF ALL SQUARE CURBS AND PROJECTIONS OVER 20" IN WIDTH.
7. ALL CURB MOUNTED HVAC UNITS, EQUIPMENT, ETC. SHALL HAVE A MINIMUM 10" CURB HEIGHT.
8. WORK TO ANY UTILITY CONDUIT OR PIPE SHALL BE PERFORMED BY SPECIFIC LICENSED SUBCONTRACTORS SPECIALIZING IN HVAC, PLUMBING AND ELECTRICAL WORK. PERMITS AND INSPECTIONS ARE REQUIRED.
9. UNLESS INDICATED OTHERWISE ON THE CONSTRUCTION DOCUMENTS, ALL EXISTING JOINTS / AREA DIVIDERS / CURB MOUNTED EQUIPMENT / SKYLIGHTS SHALL BE MIN. 10" ABOVE ROOF DECK.
10. ALL SOIL STACK FLASHING SHALL BE A MIN. 10" ABOVE FINISHED ROOF SURFACE. COUPLE PVC PIPE ABOVE DECK AND COUPLE CAST IRON PIPE BELOW DECK. PROPERLY SUPPORT PIPE BELOW ROOF DECK FROM LATERAL MOVEMENT.
11. ALL PIPING/ CONDUITS/ ETC. SHALL BE A MIN. 10" ABOVE ROOF SURFACE. PROVIDE PORTABLE PIPE HANGERS WITH PROTECTION PADS AS SPECIFIED (RE:07 72 00). MEP CONTRACTORS SHALL PROVIDE SUPPORTS FOR UTILITY LINES.
12. PROVIDE 22 ga. STAINLESS STEEL, 2D FINISH, TREATED WOOD CURB AND BOX HOOD AT ALL GAS LINE AND WATER LINE ROOF PENETRATIONS (RE: GENERAL DETAILS).
13. PROVIDE SHEET METAL HOODED (WITH METAL FACE CLOSURE) CAPS, WOOD CURB, BOX COVER AT ALL GAS AND WATER PIPE ROOF PENETRATIONS AS DETAILED AND SPECIFIED. PROVIDE POSITIVE SLOPE AWAY FROM FACE COVER.
14. PROVIDE WALKWAY PROTECTION PADS AS SPECIFIED AROUND ALL ROOF HATCHES, HVAC ROOFTOP UNITS, DOORS THAT OPEN ONTO ROOF AND AT TOP AND BOTTOM OF ALL ROOF TOP ACCESS LOCATIONS.
15. ISOLATE ALL HEAT PIPES / FLUES AS DETAILED AND RECOMMENDED AND OUTLINED IN THE NRCA MANUAL FOR HOT STACK FLASHING. (REF: GENERAL DETAILS)
16. ALL OUTSIDE AIR INTAKES SHALL BE COVERED TO ELIMINATE ODORS AND FUMES FROM ENTERING INTO THE BUILDING DURING CONSTRUCTION WORK.
17. AFTER SUBSTANTIAL COMPLETION, THE GENERAL CONTRACTOR SHALL EXAMINE AND CLEAN NEW DRAIN LINES AND NEW AND EXISTING (AS APPLICABLE) GUTTERS OF DEBRIS AND BLOCKAGE, FLUSH WITH WATER TO ENSURE THAT DRAINS AND GUTTERS FLOW FREELY.
18. PRIOR TO COMMENCEMENT OF WORK, COORDINATE WALK OF ENTIRE ROOF WITH ROOFING MANUFACTURER'S TECHNICAL REPRESENTATIVE TO IDENTIFY AND LOCATE ALL AREAS OF HIGH SLOPE OR OTHER CONDITIONS WHICH MIGHT REQUIRE SPECIAL PROCEDURES FOR SYSTEM ATTACHMENT.
19. REFER TO MEP DRAWINGS FOR SIZE AND LOCATION OF NEW ROOF DECK PENETRATIONS AND ROOF TOP EQUIPMENT.
20. REFER TO GENERAL DETAILS FOR TYPICAL SPLASH PAN, ROOF DRAIN AND OVERFLOW DRAIN DETAILS.
21. GENERAL CONTRACTOR TO ENSURE ALL ROOFTOP PENETRATIONS (SOIL STACKS, VENTS, ETC.) ARE INSTALLED MIN. 4'-0" FROM OTHER DECK PENETRATIONS, RISE WALLS, AND ROOF EDGE. MECHANICAL EQUIPMENT TO BE LOCATED MIN. 10'-0" FROM PERIMETER EDGE AND NO CLOSER THAN 4'-0" FROM RISE WALLS, OR ANY OTHER ROOF PENETRATION.
22. LOCATE PERIMETER DRAINS MAX. 6'-0" FROM EDGE TYPICAL UNLESS SHOWN OTHERWISE. (GENERAL CONTRACTOR TO COORDINATE WITH ROOFING AND PLUMBING CONTRACTOR.)
23. THROUGH WALL BASE FLASHING MIN. HEIGHT 10" AND MAX. HEIGHT 20" FROM FINISH WORK. DO NOT STEP THROUGH WALL FLASHING CLOSER THAN 5'-0" FROM CORNERS.
24. GENERAL CONTRACTOR SHALL COORDINATE LOCATION AND ORIENTATION OF ROOF HATCH AND ACCESS LADDER.
25. GENERAL CONTRACTOR SHALL COORDINATE ALL TOP OF STEEL TO TOP OF BLOCKING AND SUBSTRATE BOARD DIMENSIONS IN FIELD PRIOR TO ORDERING MATERIALS. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR FAILURE TO COORDINATE THESE DIMENSIONS.
26. GENERAL CONTRACTOR SHALL VERIFY ROOF SLOPES WILL PROPERLY DRAIN AS WORK. TAPERED INSULATION HATCHING SHOWN IS NOT INTENDED TO ILLUSTRATE THE ENTIRE LIMITS OF TAPERED INSULATION. ROOF AREAS NOT SLOPED BY STRUCTURE SHALL BE SLOPED WITH TAPERED INSULATION TO ACHIEVE PROPER DRAINAGE.

NOTE: CONTRACTOR TO VERIFY MEP DRAWINGS FOR LOCATION, SIZE AND NOTES FOR ALL NEW MEP ROOFTOP EQUIPMENT, PIPELINES AND DUCTWORK.

NOTE: ALL ROOFING WORK SHALL OCCUR IN SUCH A MANNER AS NOT TO VOID ANY EXISTING ROOF WARRANTIES. CONTRACTOR TO CONTACT ROOFING MANUFACTURER PRIOR TO COMMENCING THE WORK. NO EXCEPTIONS.

NOTE: ROOFING DETAILS MAY NOT BE REFERENCED. CONTRACTOR TO COORDINATE.

NOTE: SEE SH. A3.01 FOR MFR. TYPICAL ROOFING DETAILS.



**10 ROOF PLAN**

Scale: 1/8" = 1'-0"

**7 NOTES AND LEGEND**

Scale: N.T.S.

**5 NOT USED**

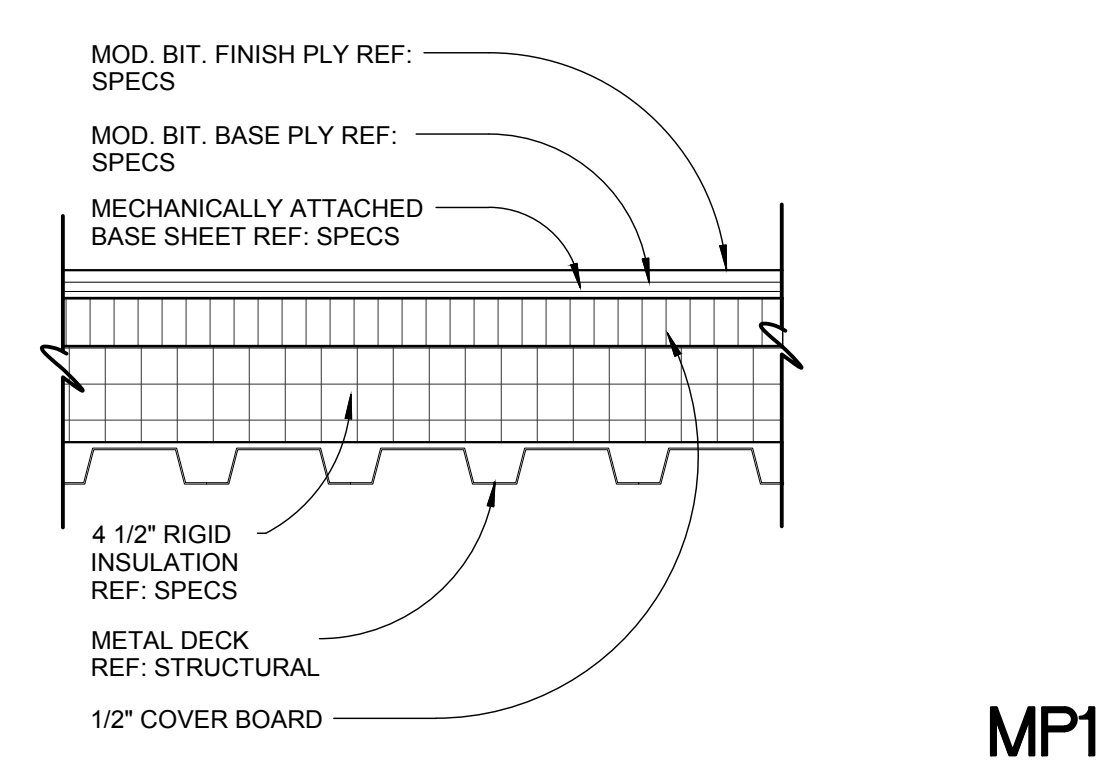
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Scale: N.T.S.

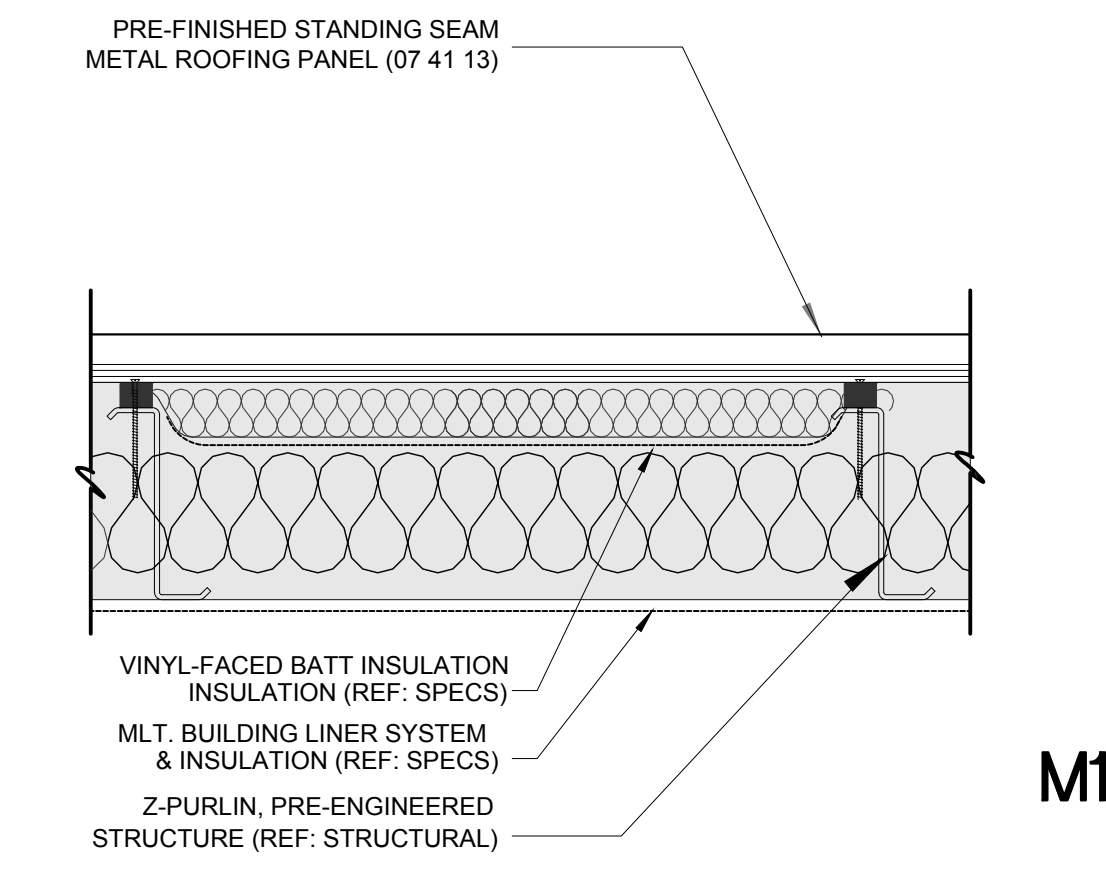
**3 ROOFING (MULTI-PLY) - NOMENCLATURE**

Scale: N.T.S.



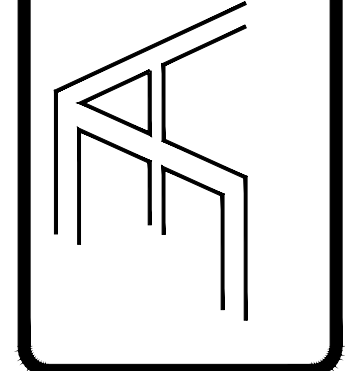
**2 ROOFING (METAL) - NOMENCLATURE**

Scale: N.T.S.



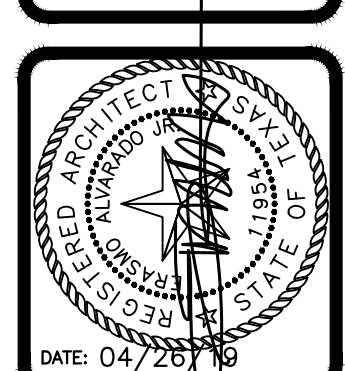
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**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS



DRAWING TITLE:  
**ROOF PLAN**

FILE NAME:  
 JOB NO.:  
 1718

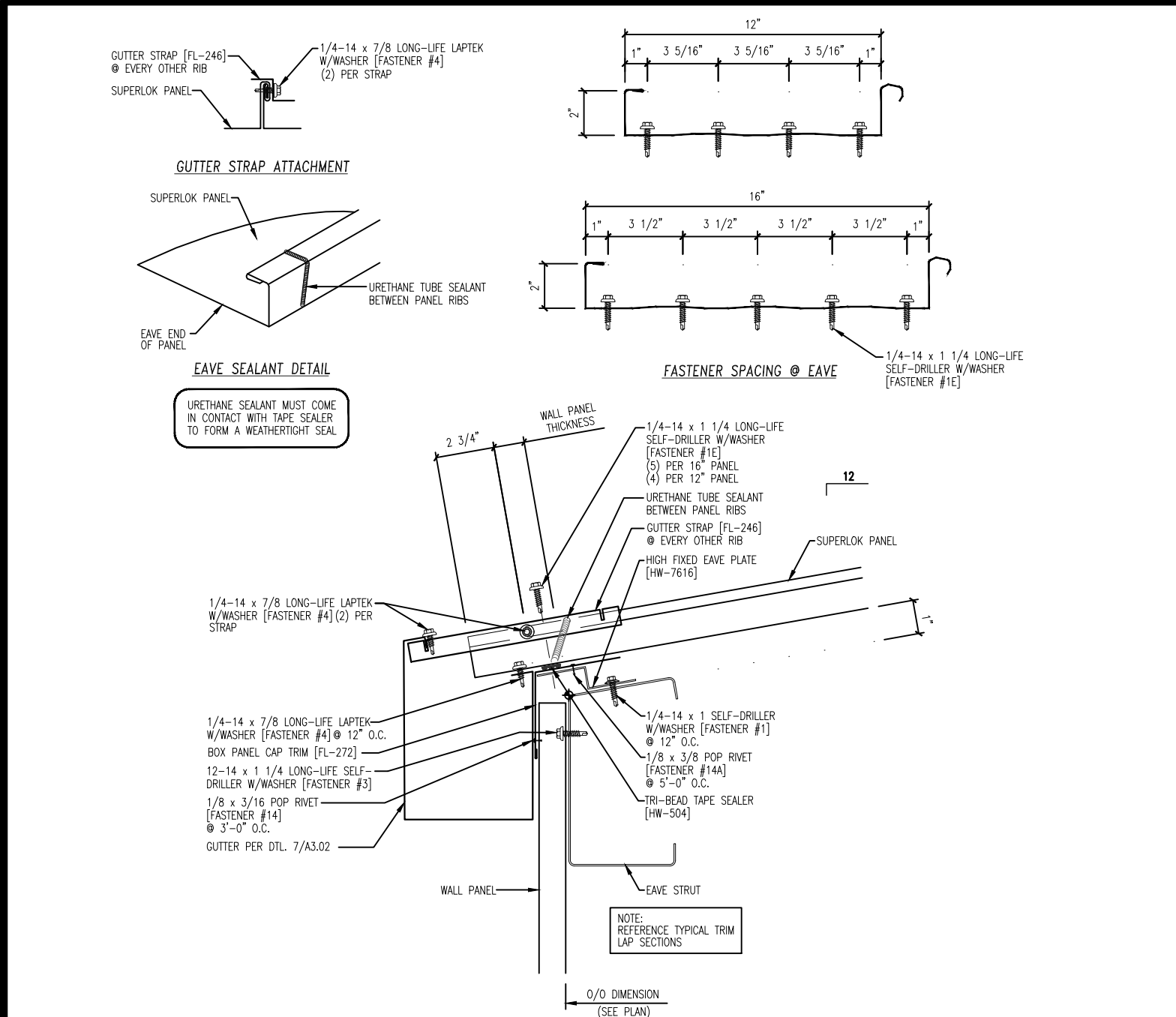
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 04/26/2019

DRAWN BY:  
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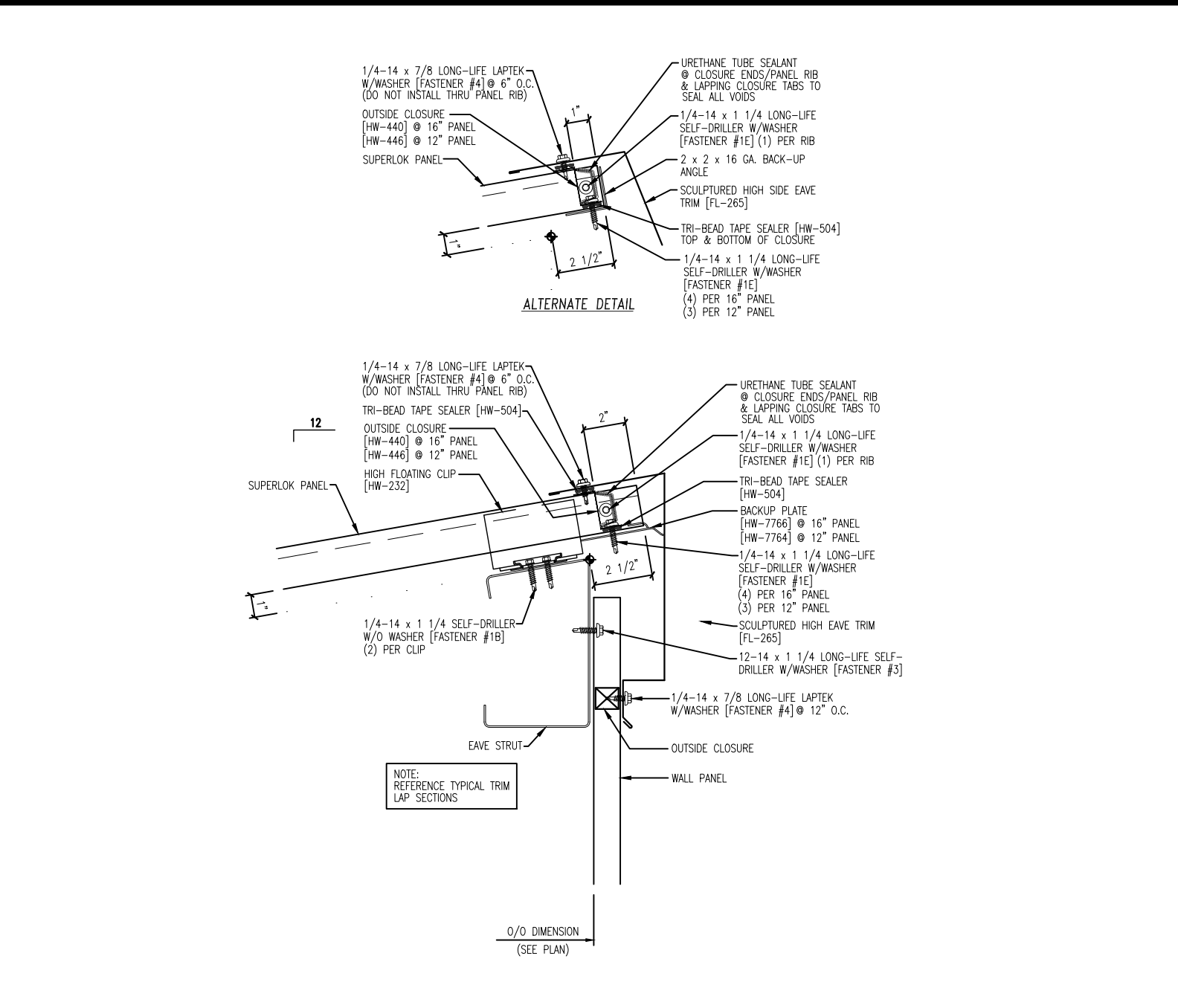
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 E.A. III / E.A. III

SHEET:  
**A3.00**

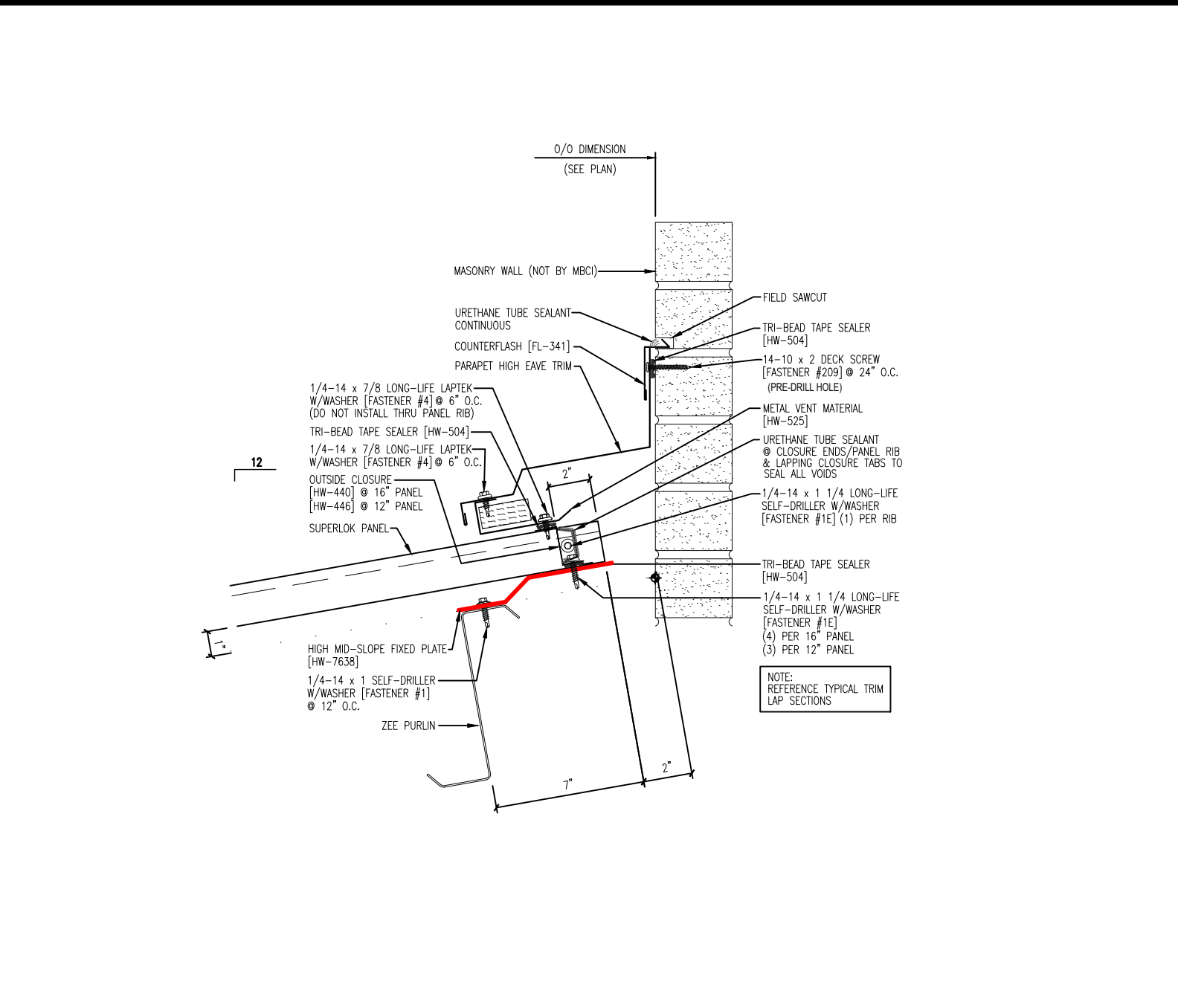
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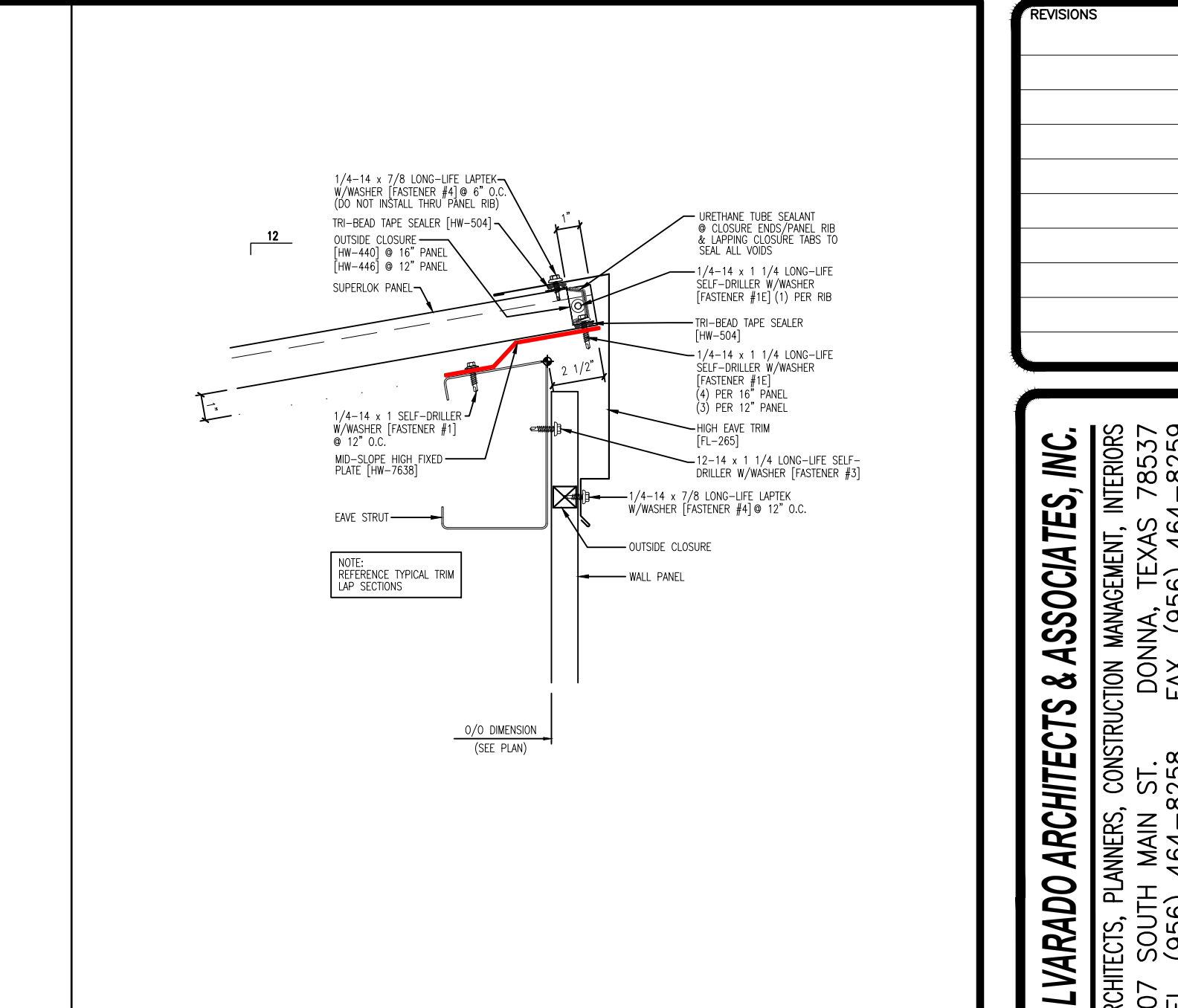
**12 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
Scale: N.T.S.



**11 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
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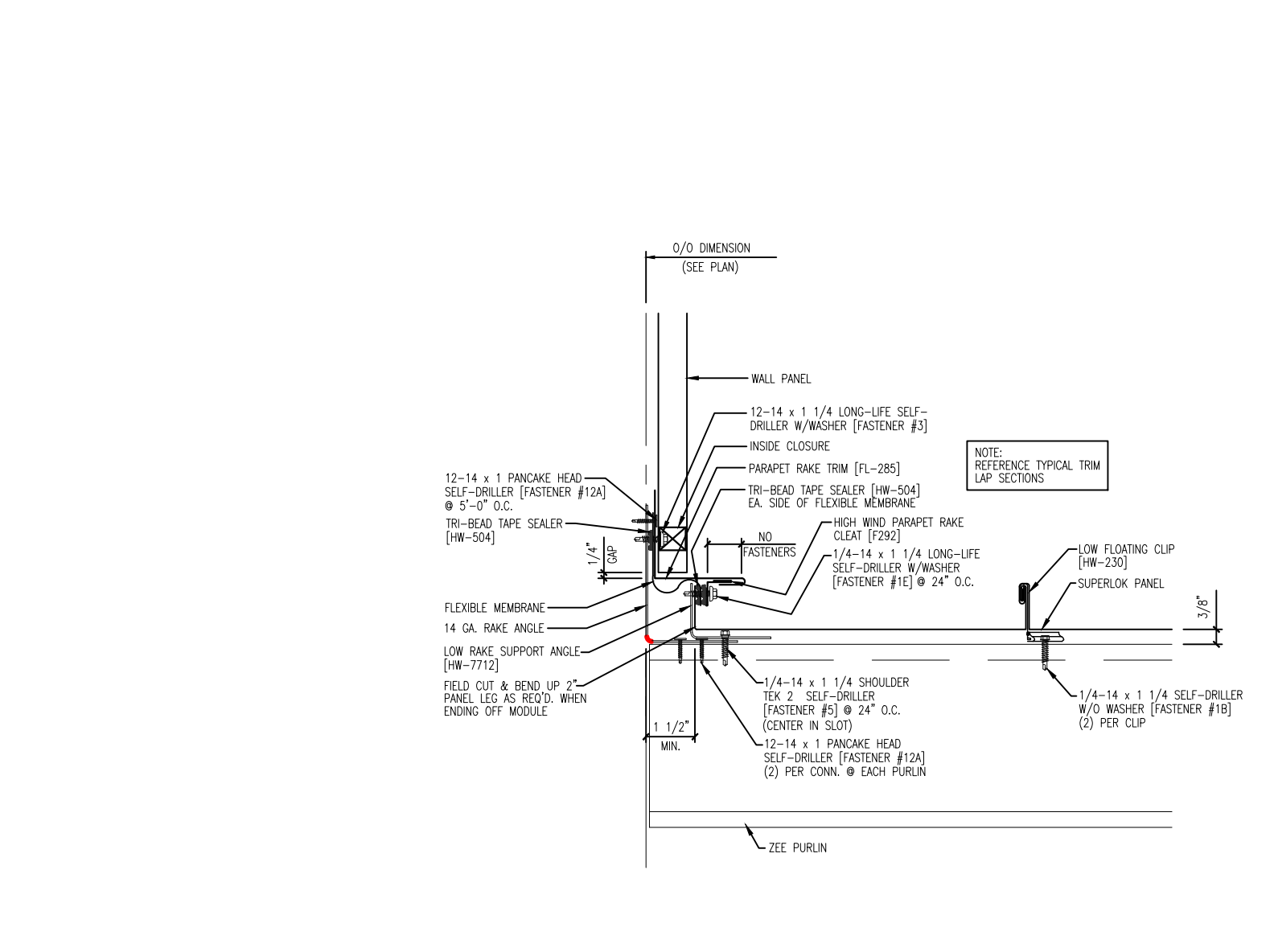
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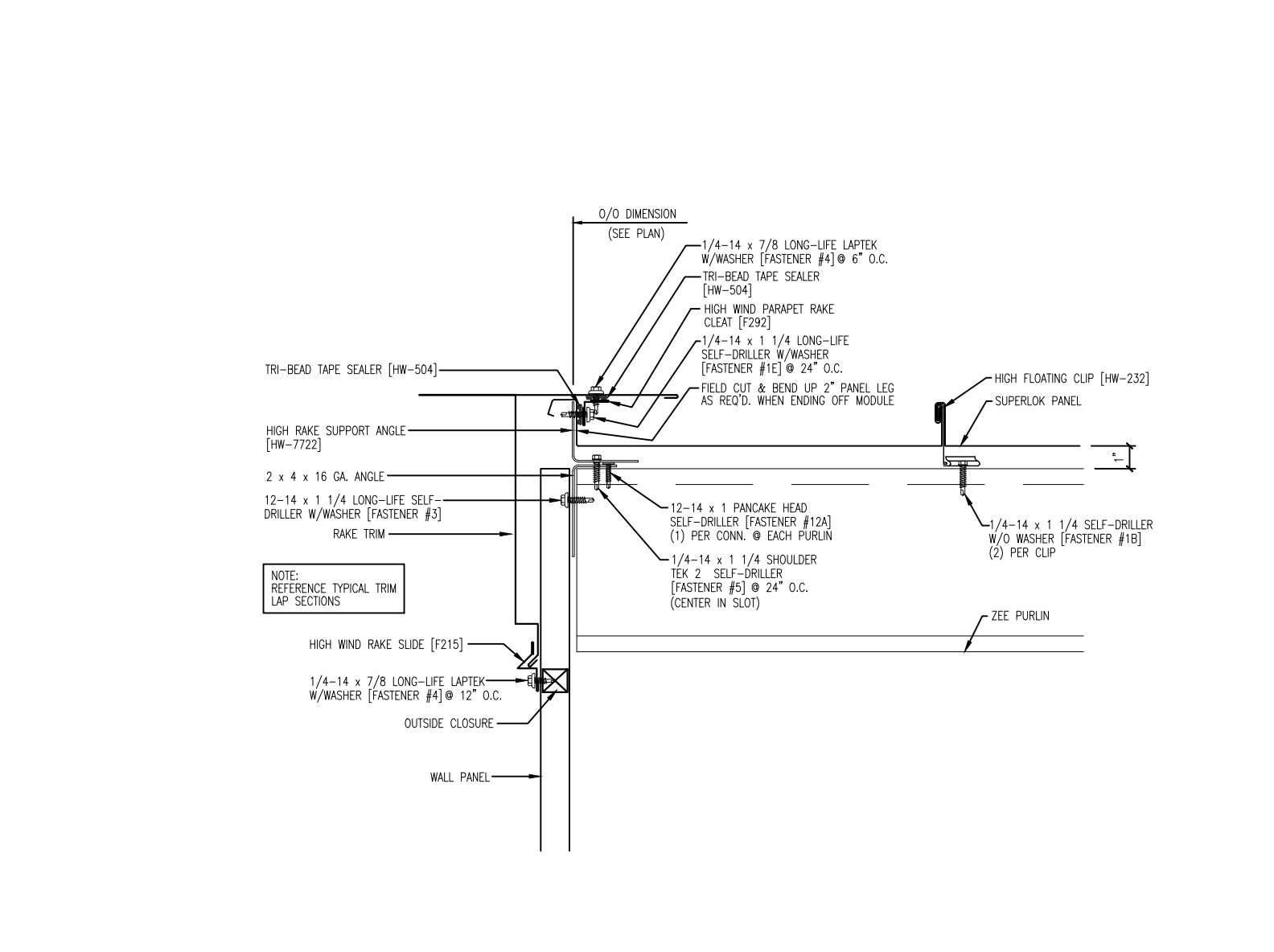
**9 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
Scale: N.T.S.



**8 NOT USED**  
Scale: N.T.S.



**7 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
Scale: N.T.S.

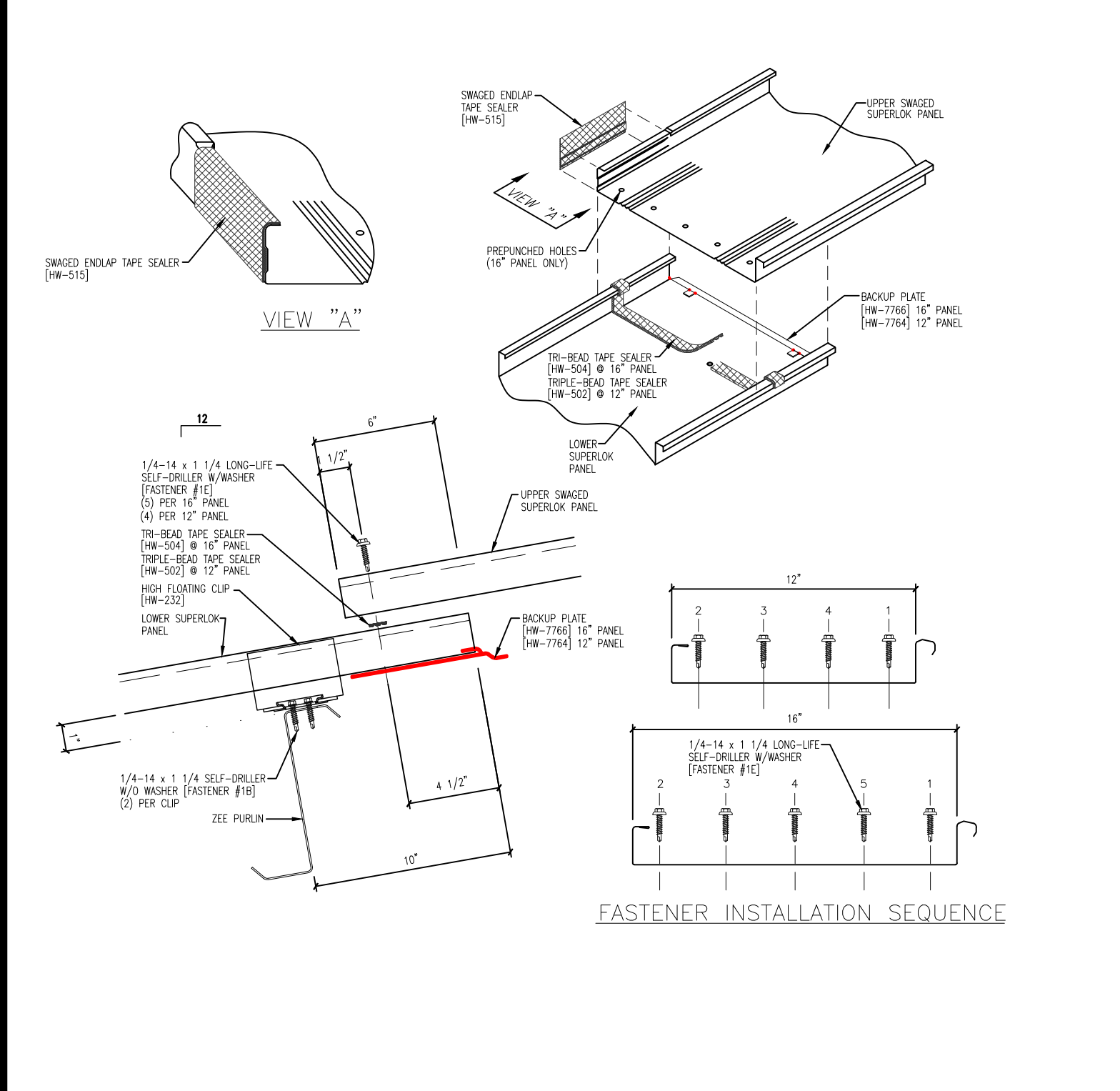


**6 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
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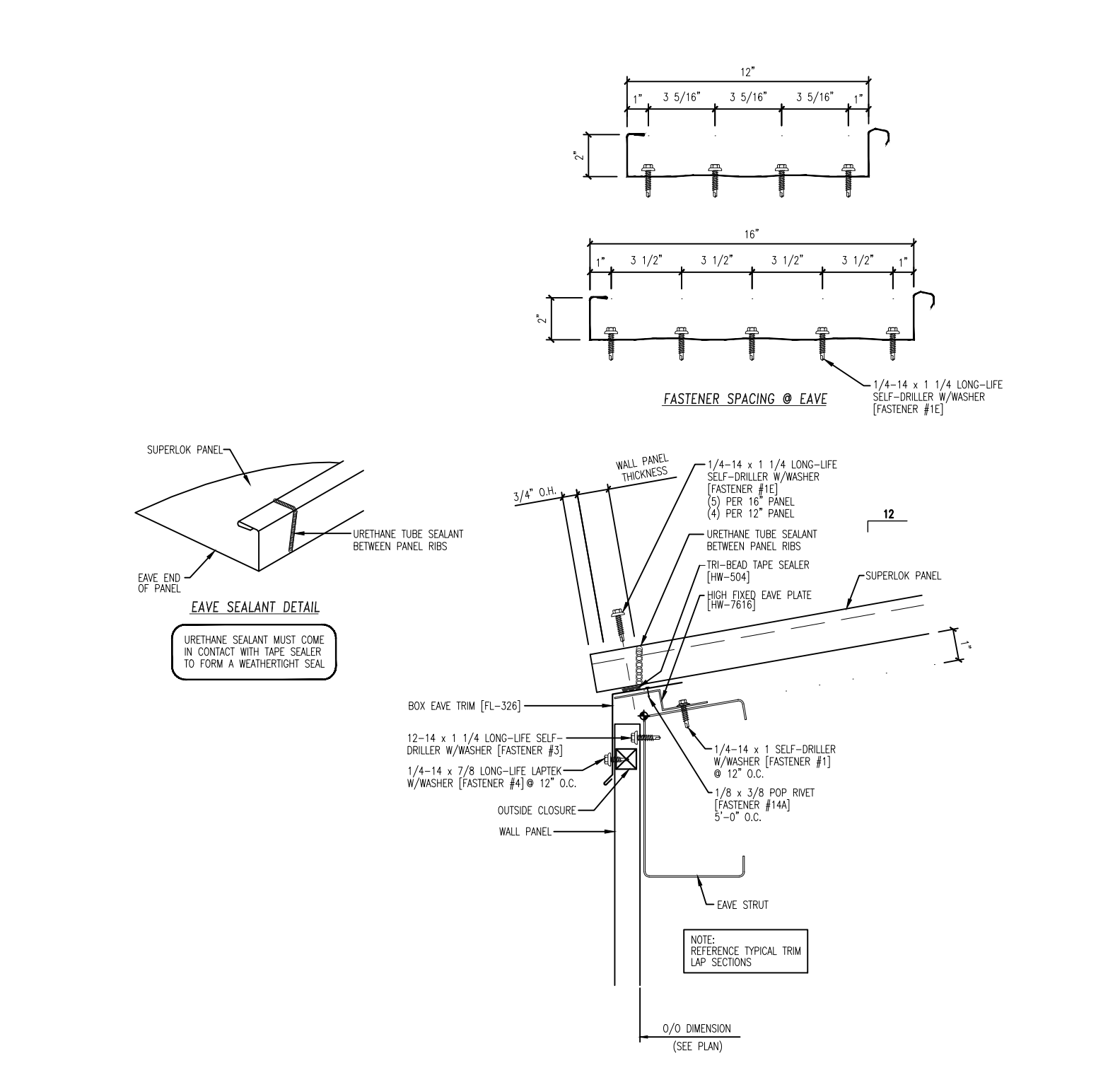
**GENERAL ROOFING NOTES**

1. VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
2. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
3. ALL TRIM WORK IRRESPECTIVE OF ROOF TYPE: FACIA, RAKE, EAVE AND GUTTERS SHALL BE COORDINATED IN ALL ASPECTS - DIMENSIONS, BENDS AND DRIPS.

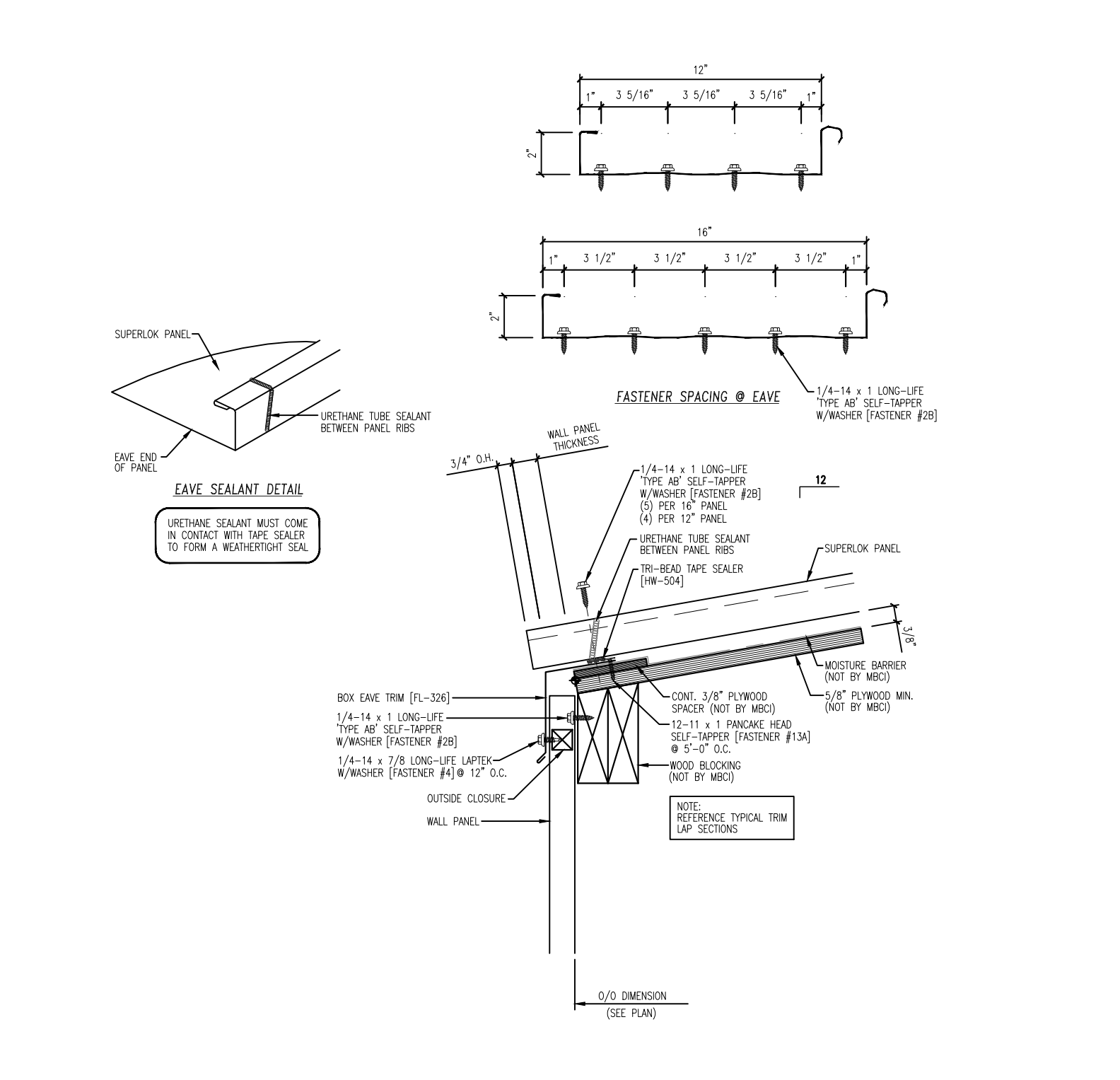
**5 GENERAL NOTES**  
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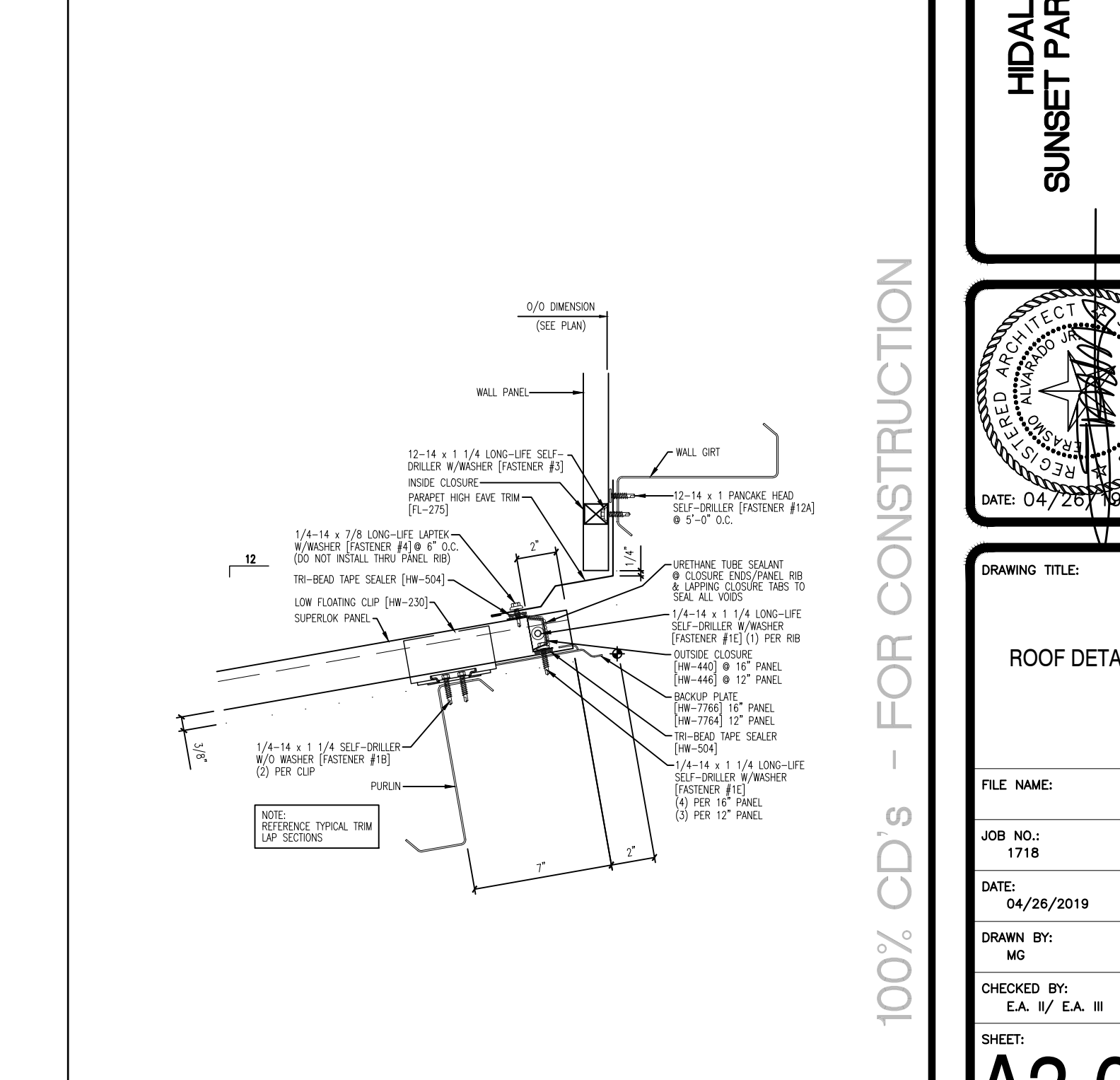
**4 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
Scale: N.T.S.



**3 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
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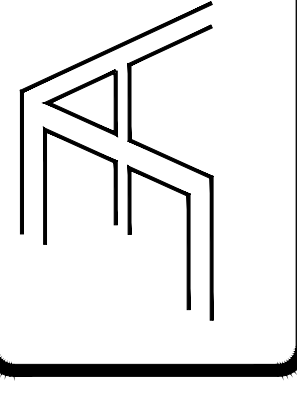
**2 ROOFING DETAILS (MFR. INFO FOR REFERENCE)**  
Scale: N.T.S.



**1 ROOFING -MTL. DETAILS (MFR. INFO FOR REFERENCE)**  
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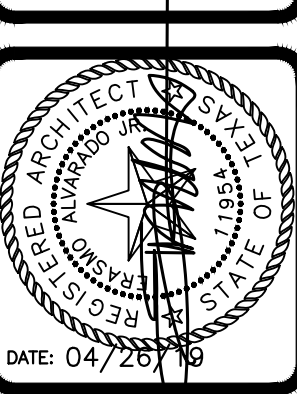
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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS

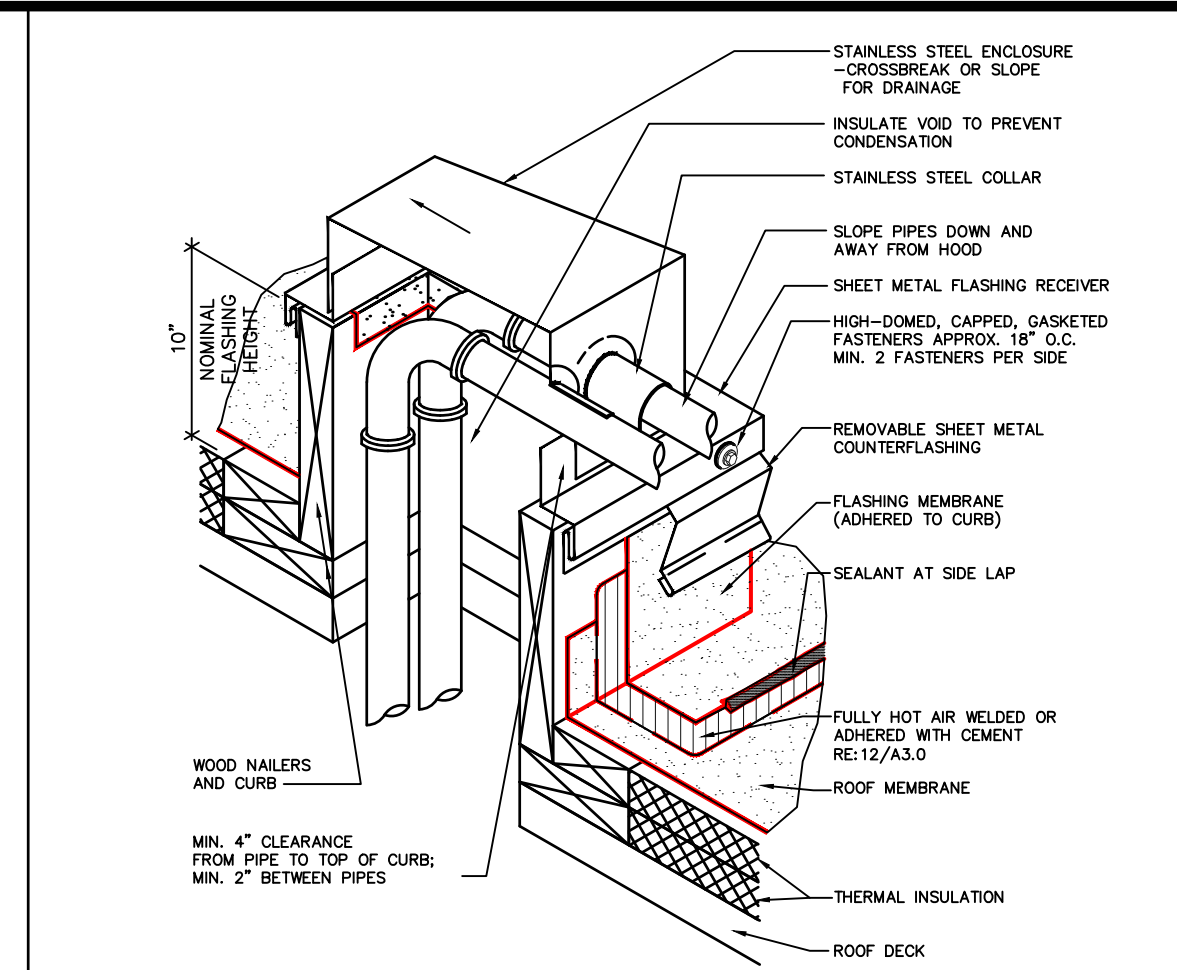
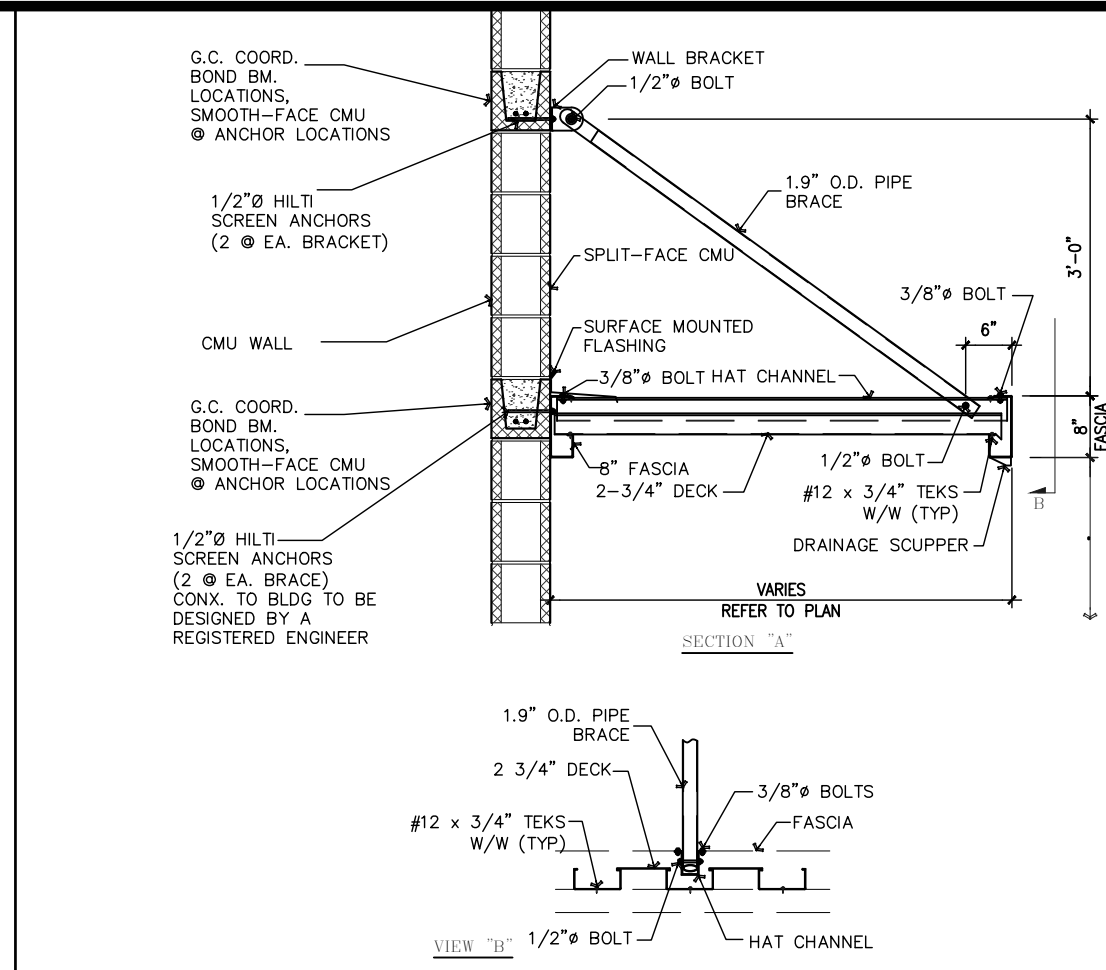
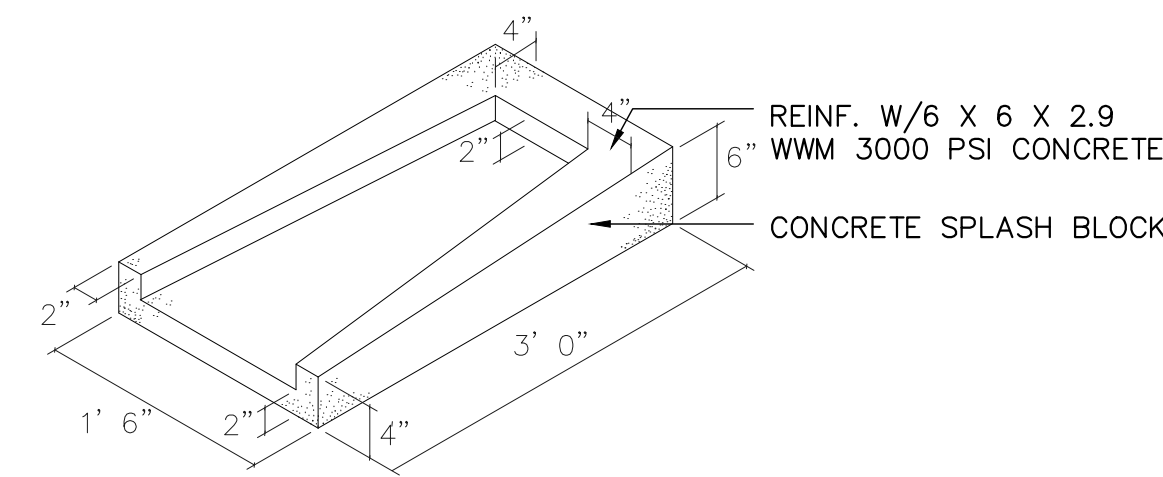


DATE: 04/26/19  
DRAWING TITLE:  
**ROOF DETAILS**  
FILE NAME:  
JOB NO.:  
1718  
DATE:  
04/26/2019  
DRAWN BY:  
MC  
CHECKED BY:  
E.A. III / E.A. III  
SHEET:  
**A3.01**

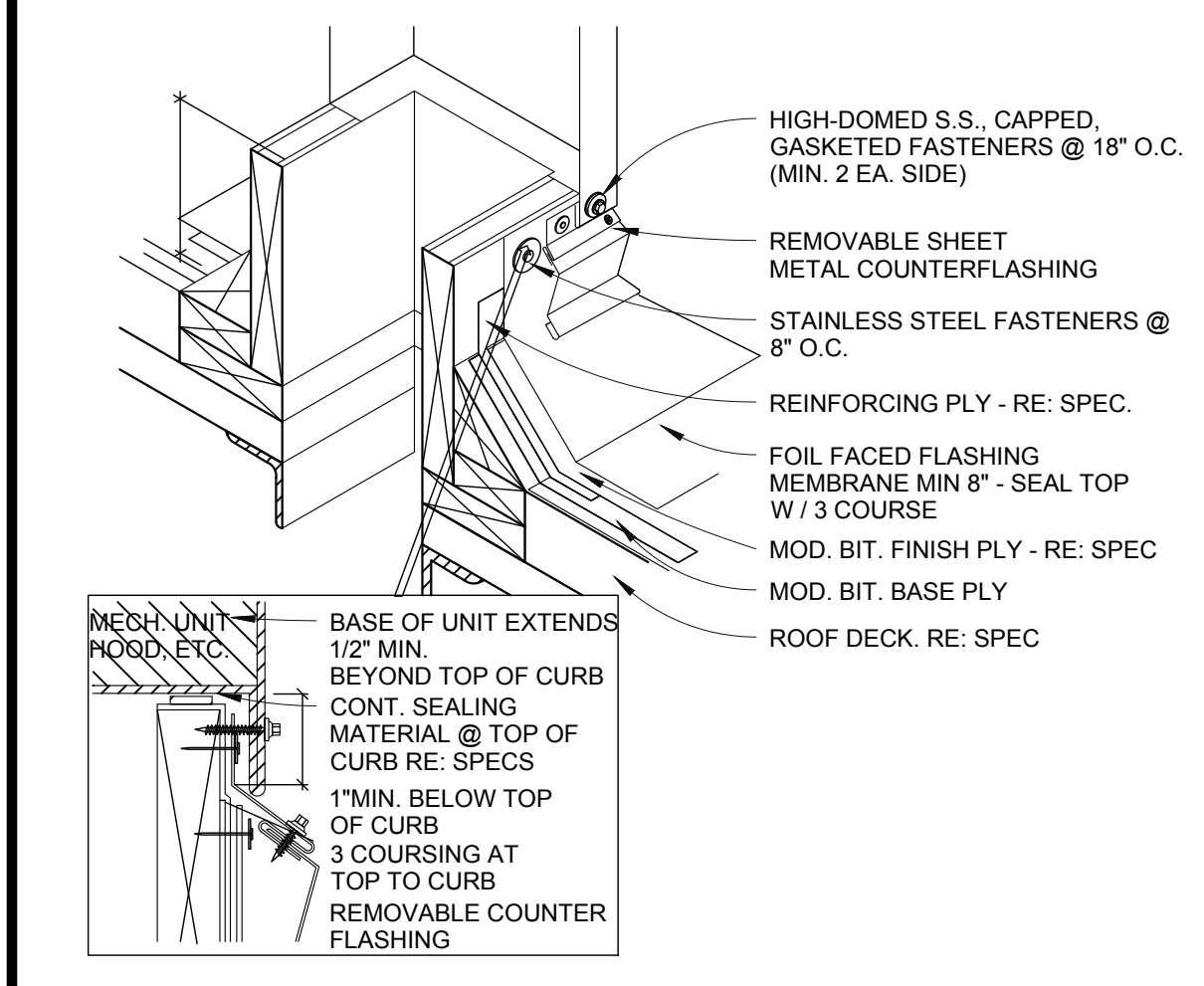
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**GENERAL ROOFING NOTES**

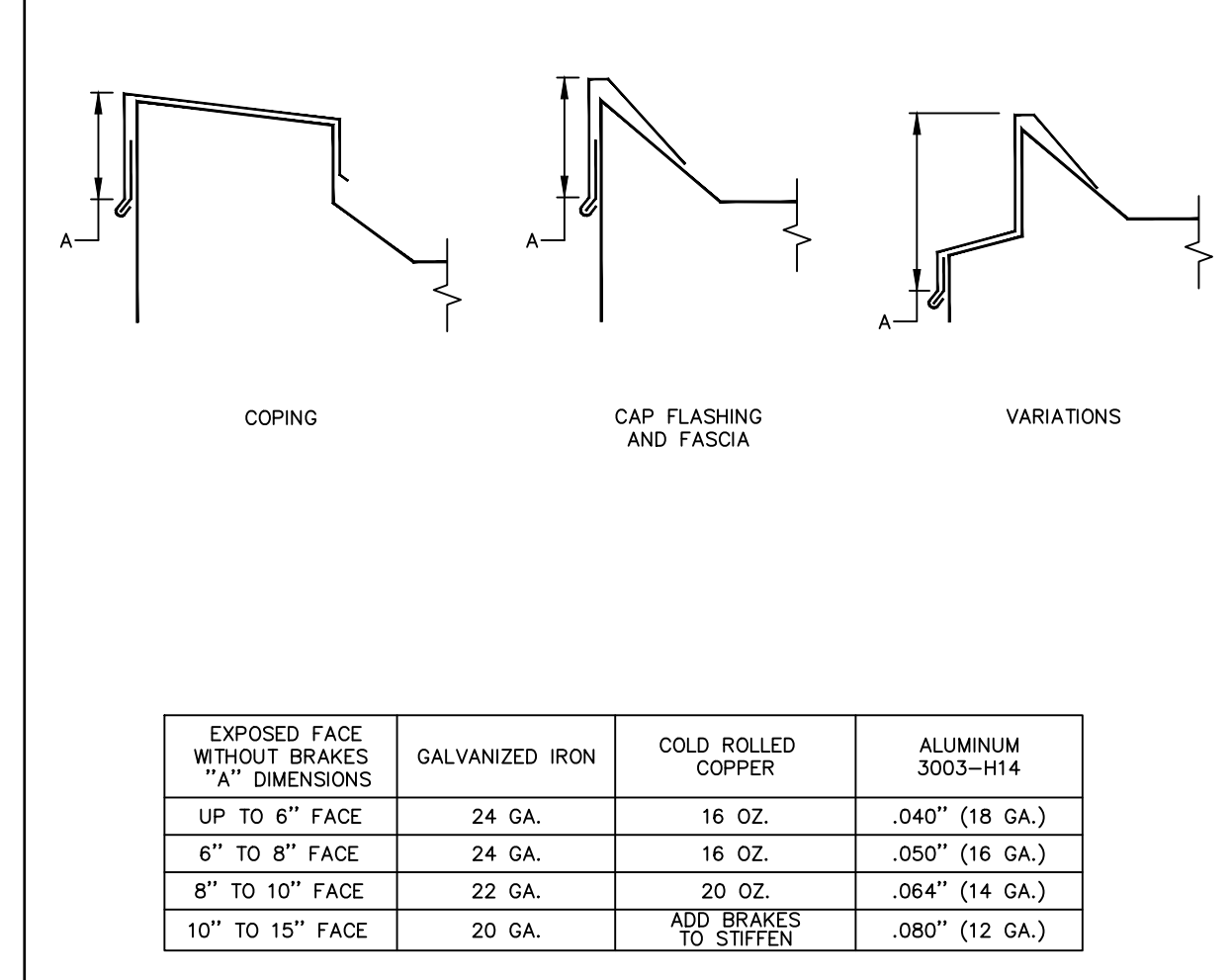
1. VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. PROCEED WITH CARE AND WORK THE DIMENSIONS NOTED AS PROVIDED WITHIN THE WORKED ARCHITECT BEFORE CONTRACTORS INTO THE WORK. WITH THE ARCHITECT BEFORE WORKING ON THE ROOF TYPE: FACIA, RAKE, TRIM WORK, WORKERS SHOULD BE COORDINATED IN ALL ASPECTS - DIMENSIONS, BENDS AND DRIPS.



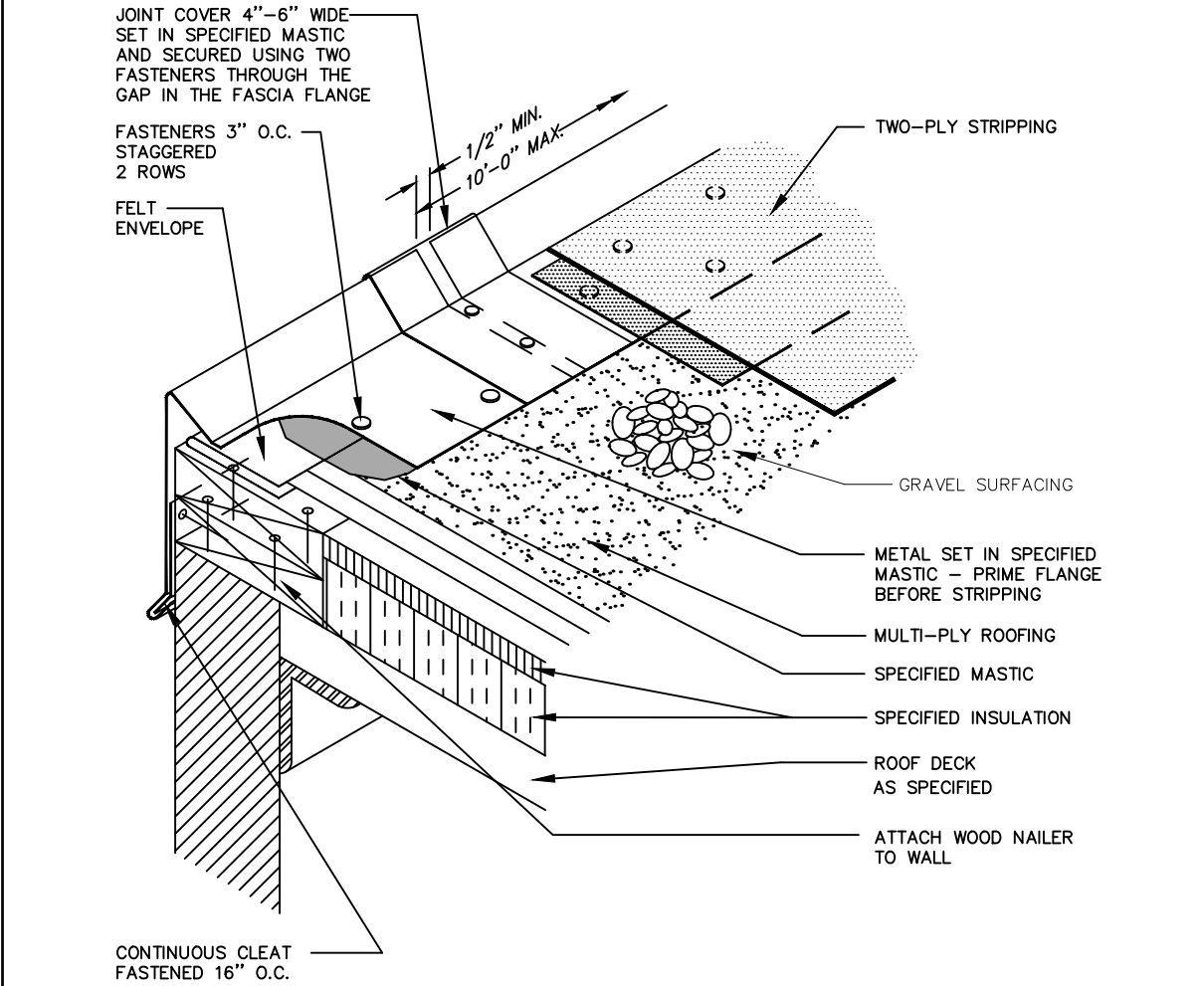
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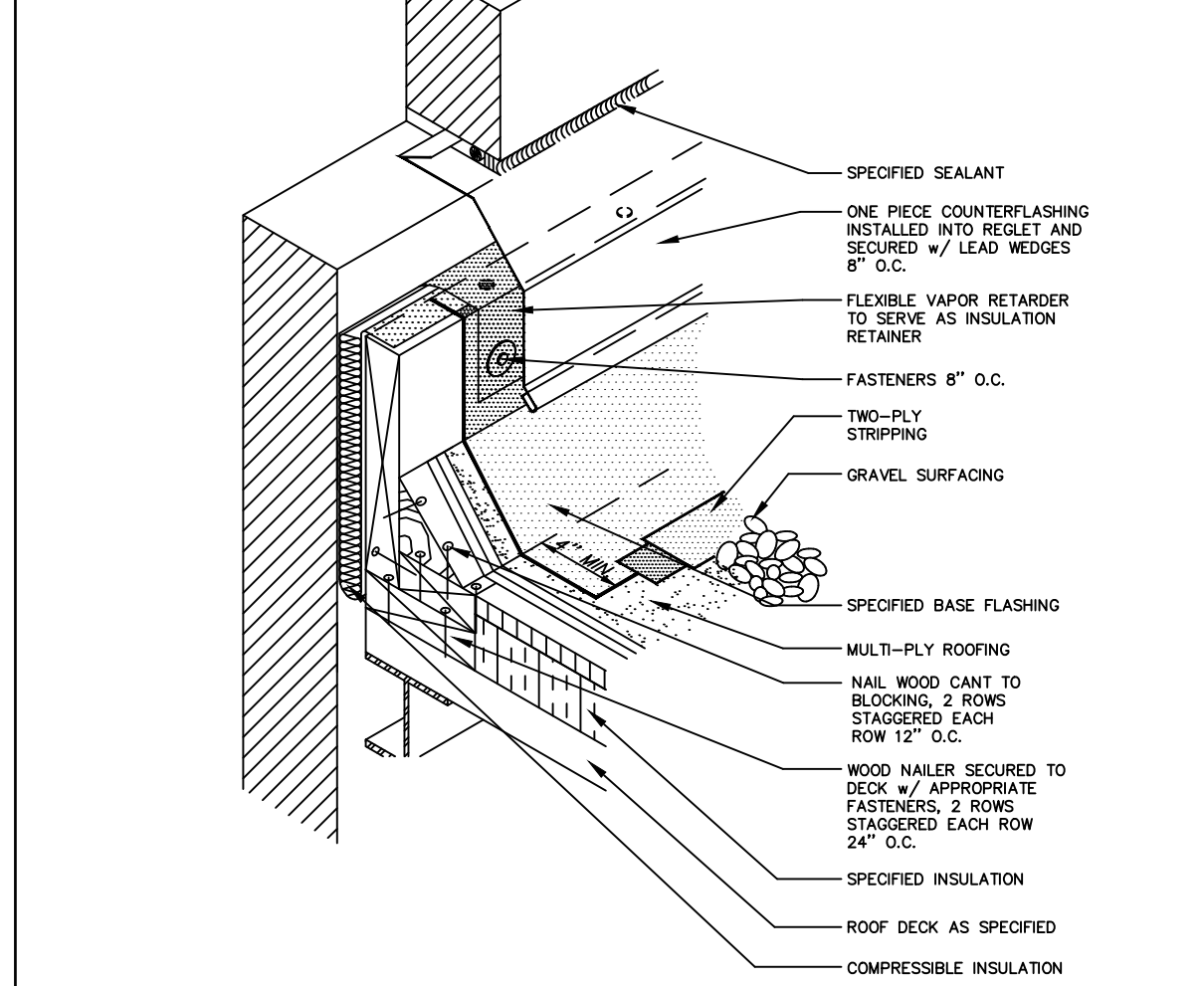
**19 GENERAL ROOFING NOTES**  
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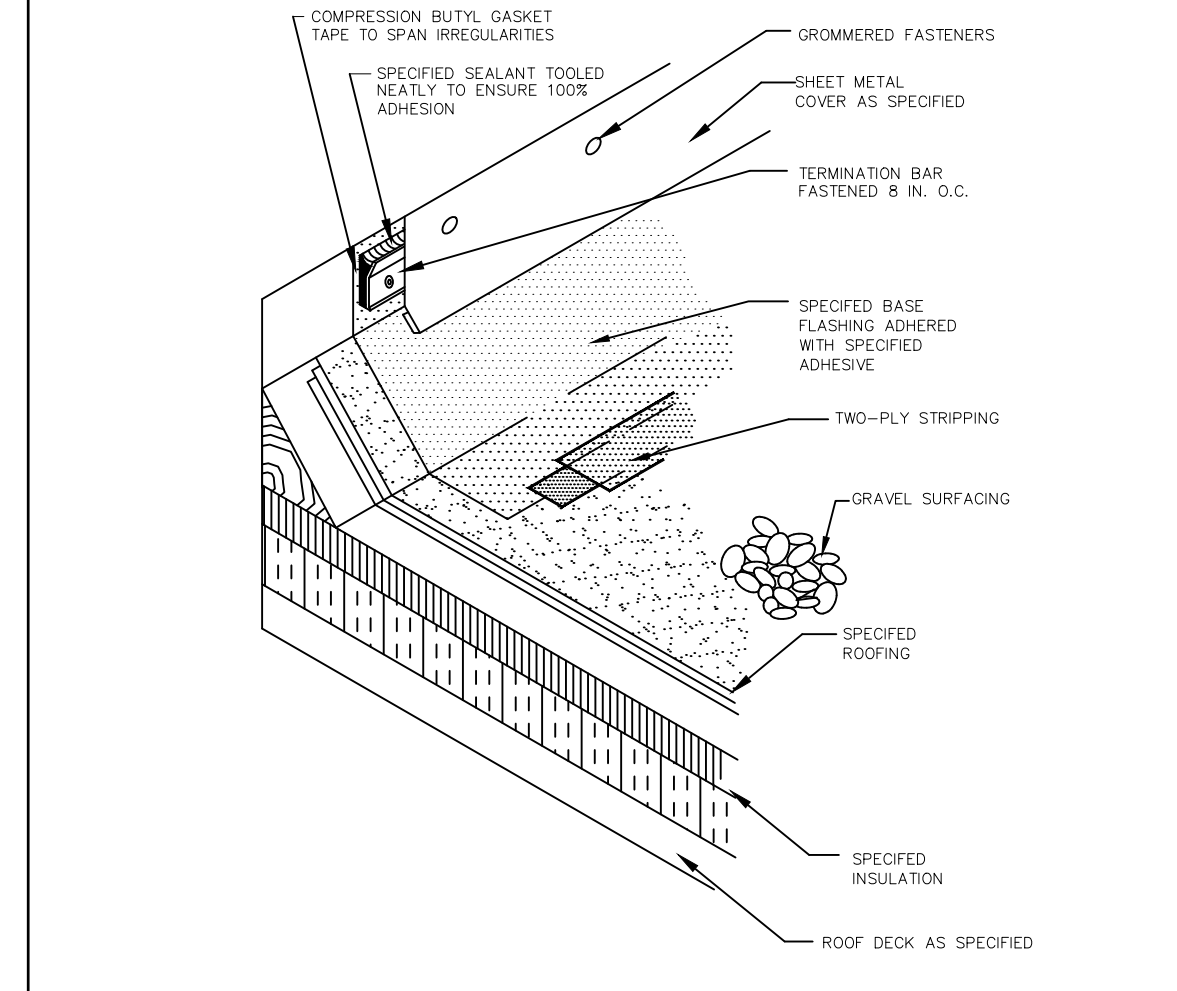
**18 CONCRETE SPLASH BLOCK DETAIL**  
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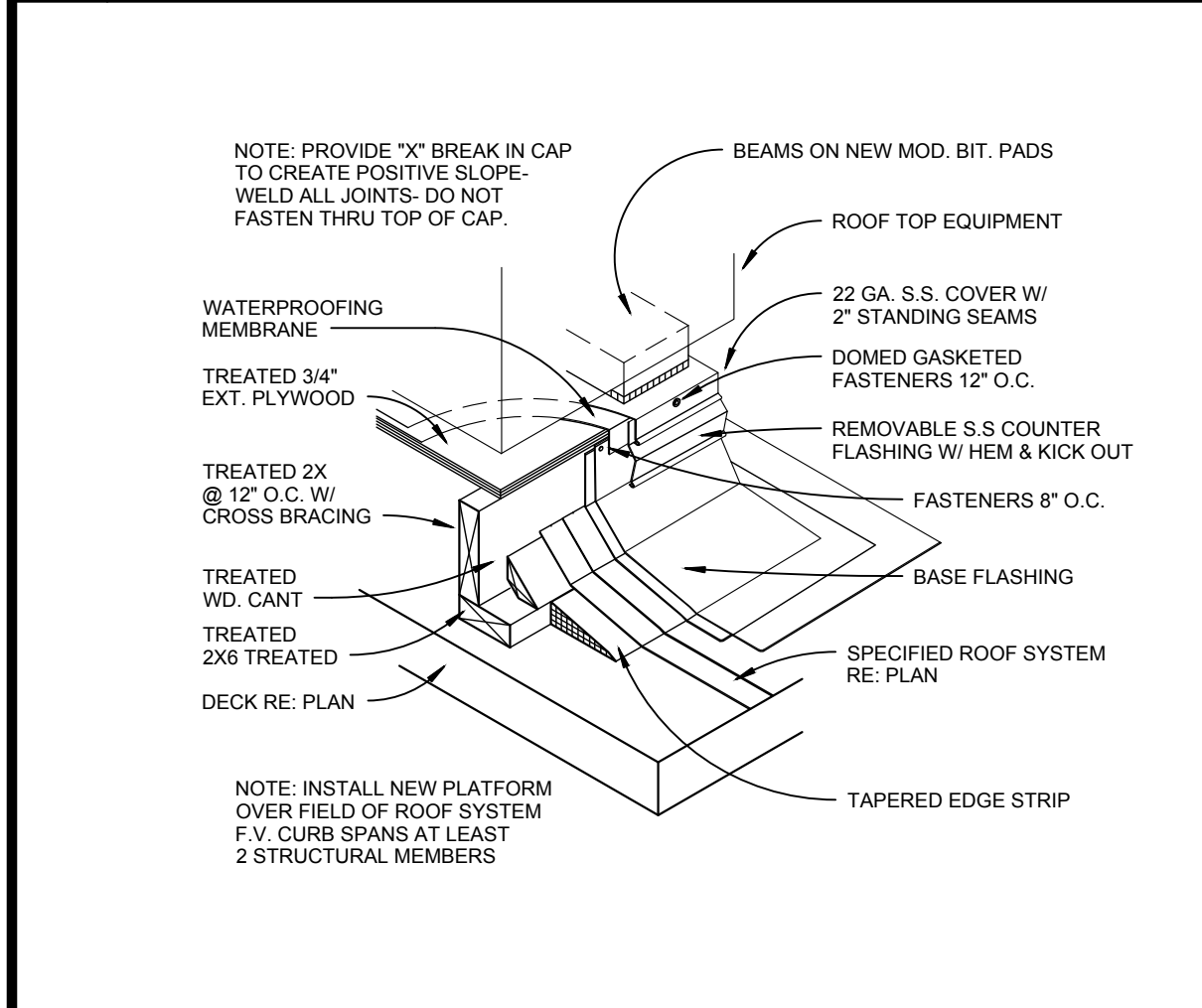
**17 MTL. AWNING DETAIL**  
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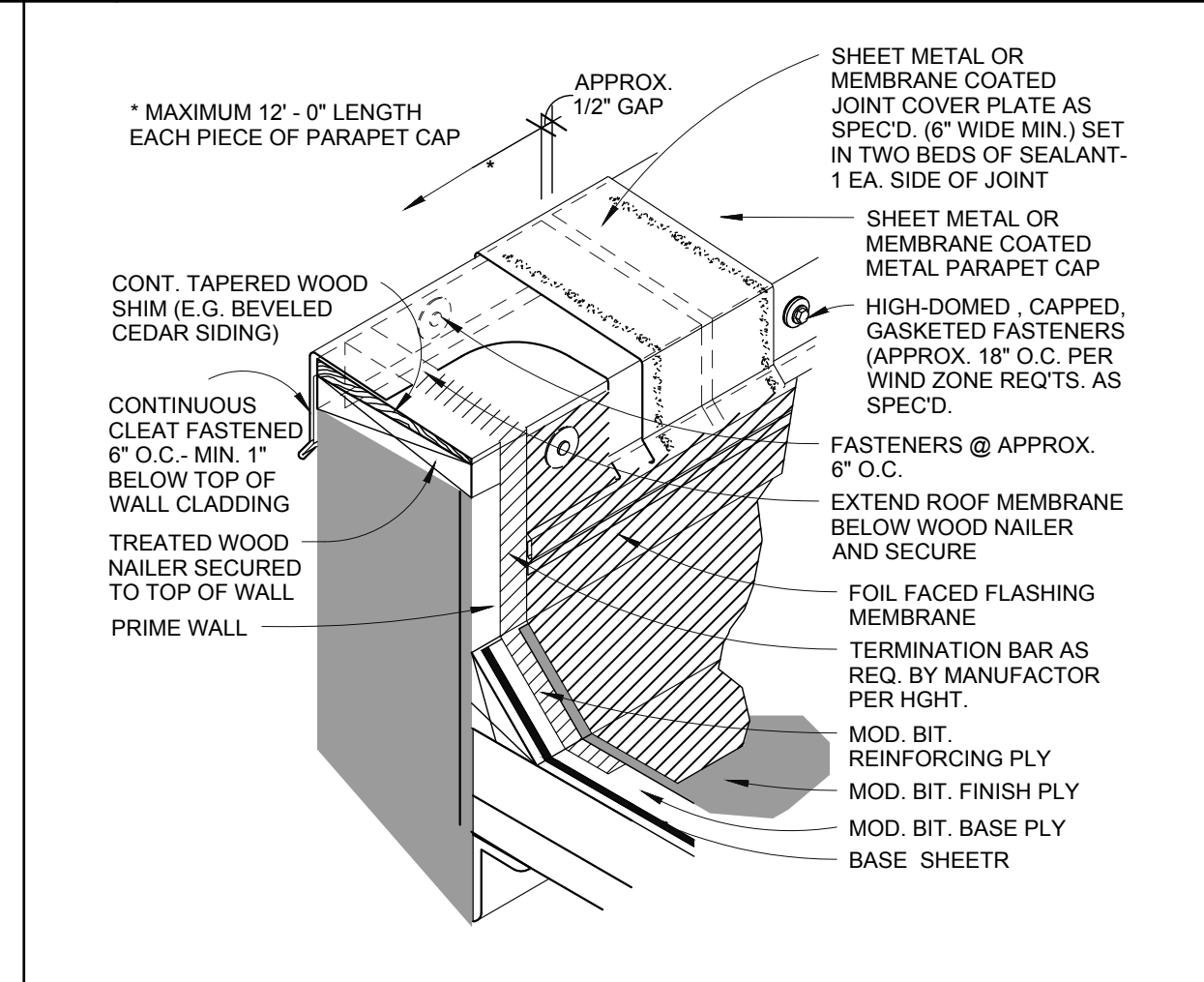
**16 MULTI-PENETRATION BOX**  
Scale: N.T.S.



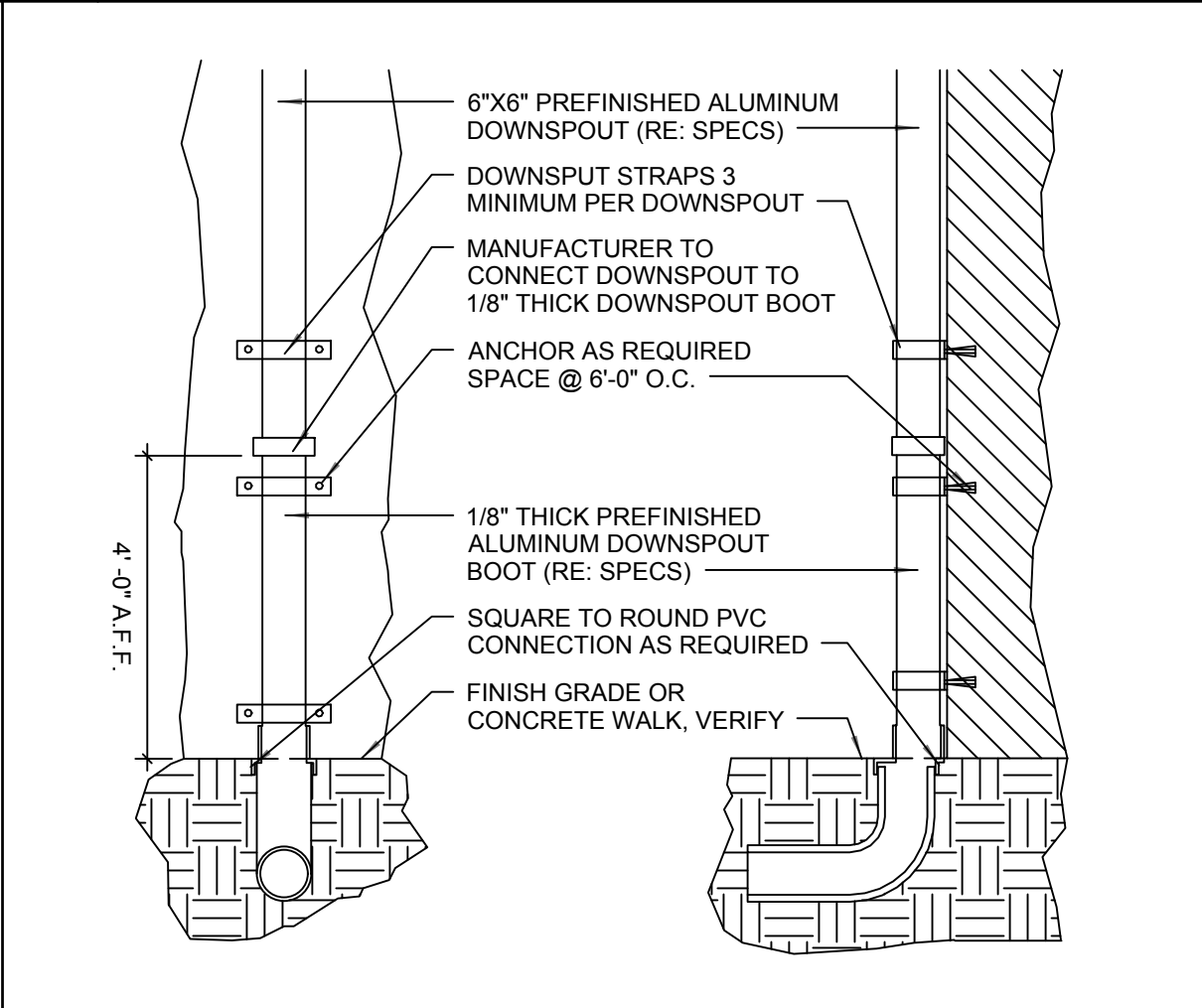
**15 HVAC CURB**  
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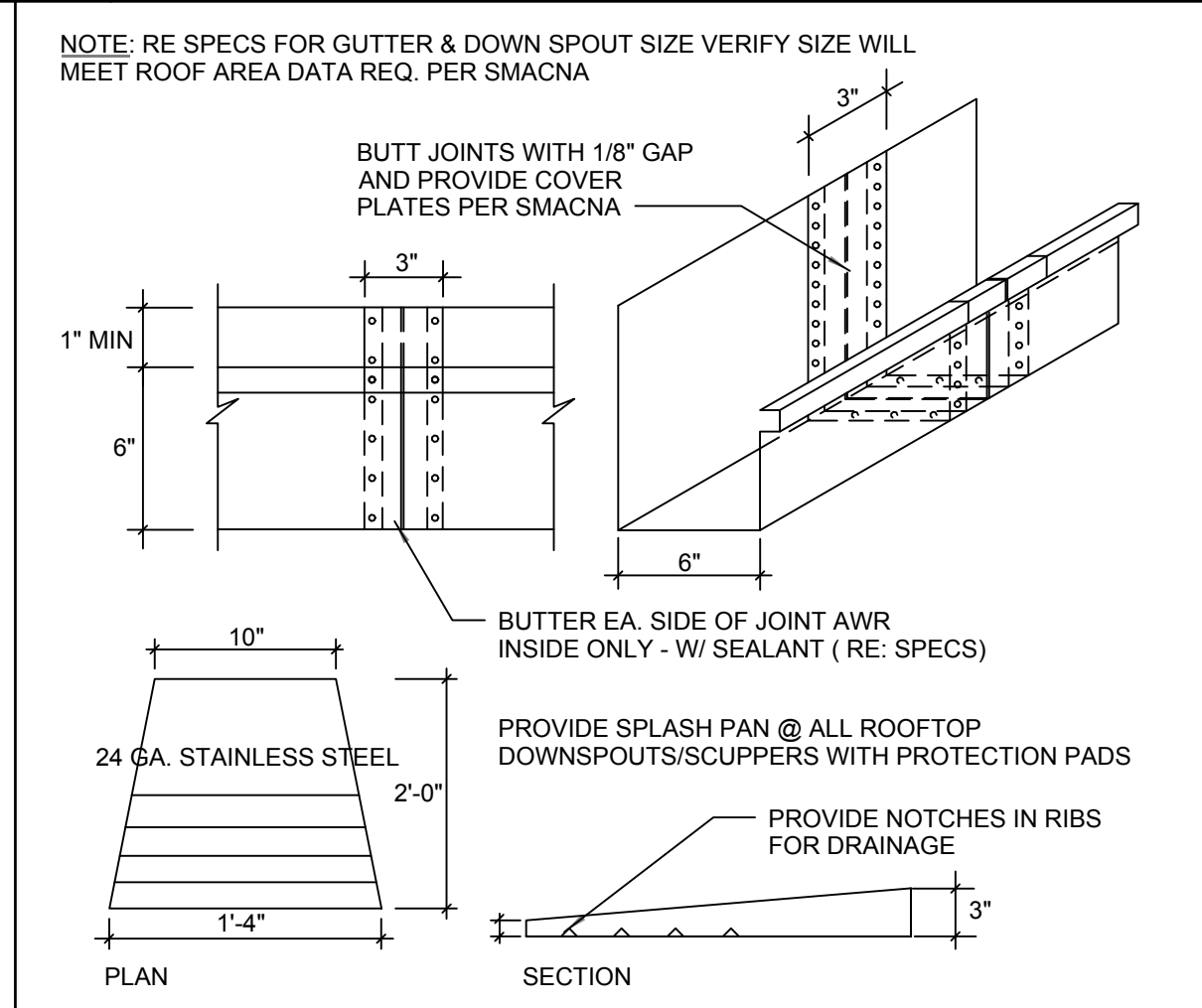
**14 GAUGE GUIDE**  
Scale: N.T.S.



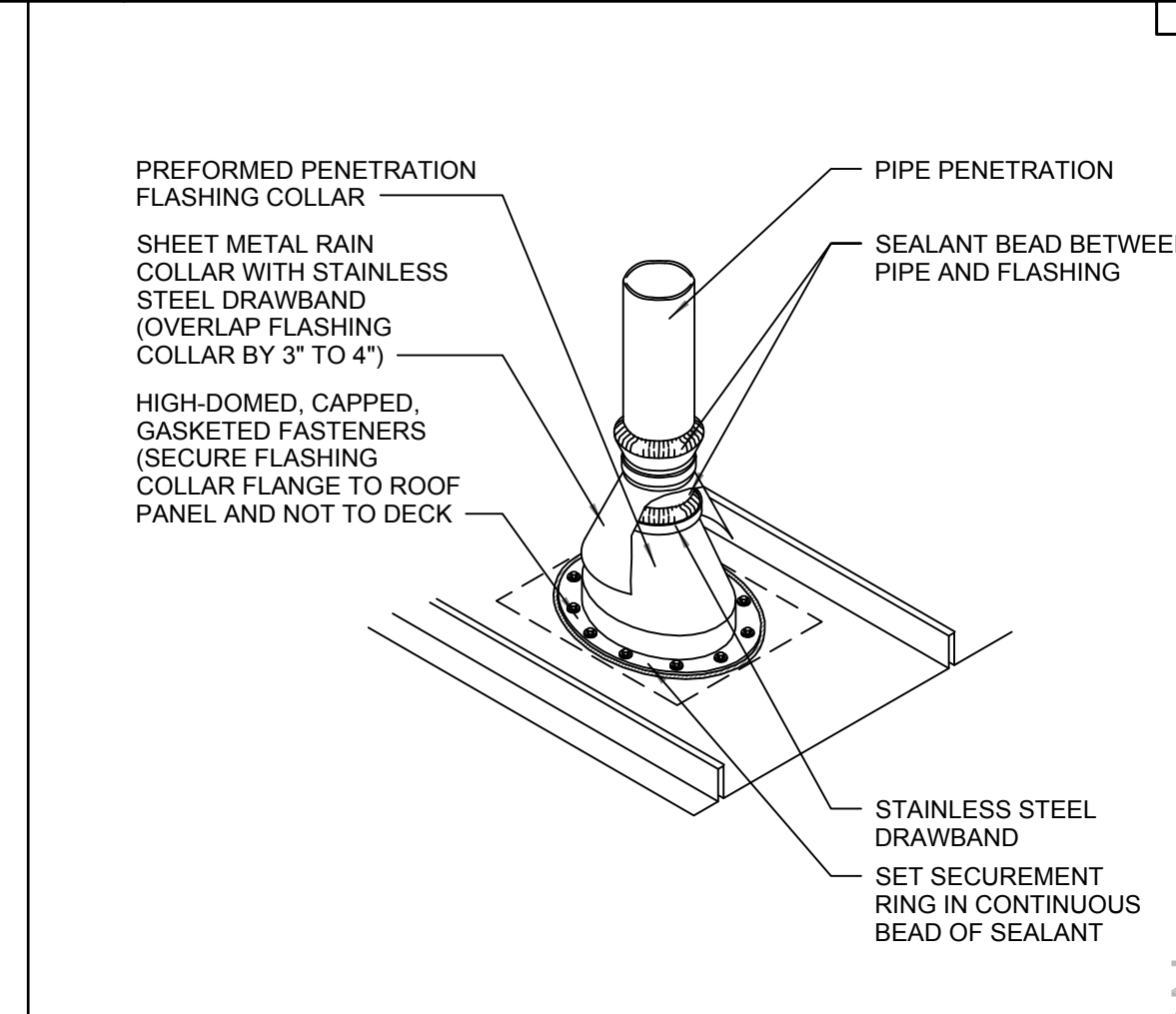
**13 ROOF EDGE DETAIL**  
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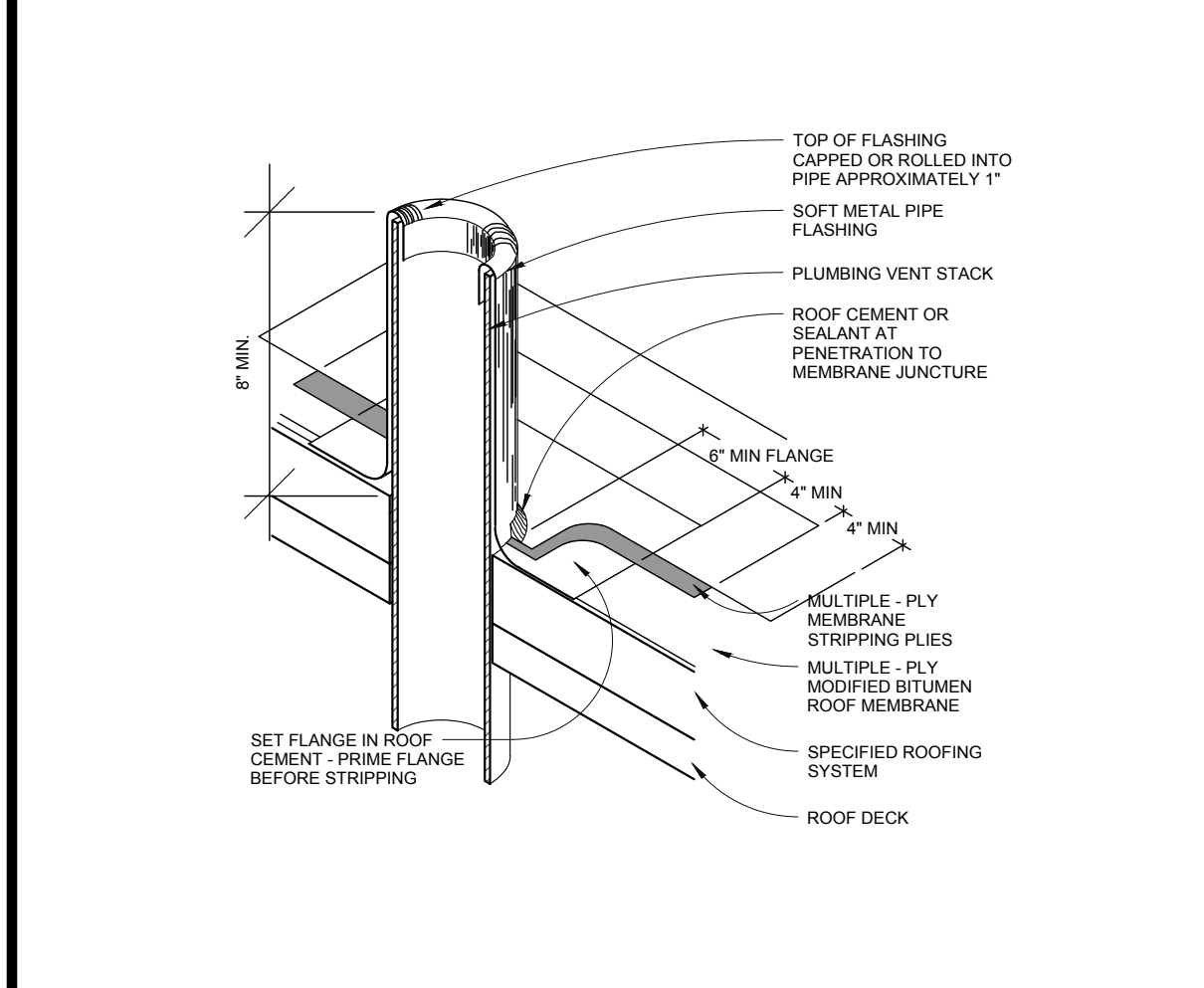
**12 EXPANSION JOINT DETAIL**  
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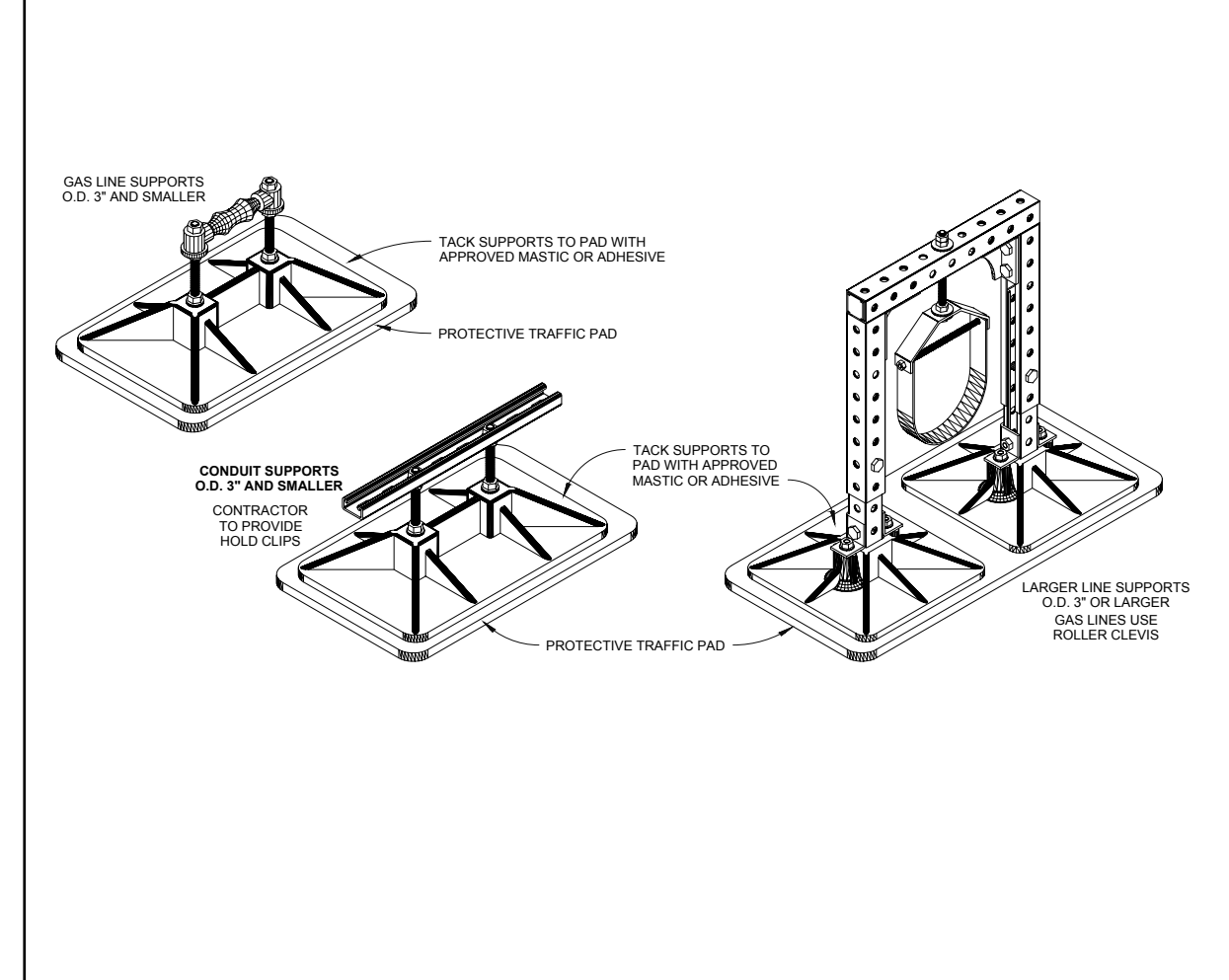
**11 ROOF BASE FLASHING DETAIL**  
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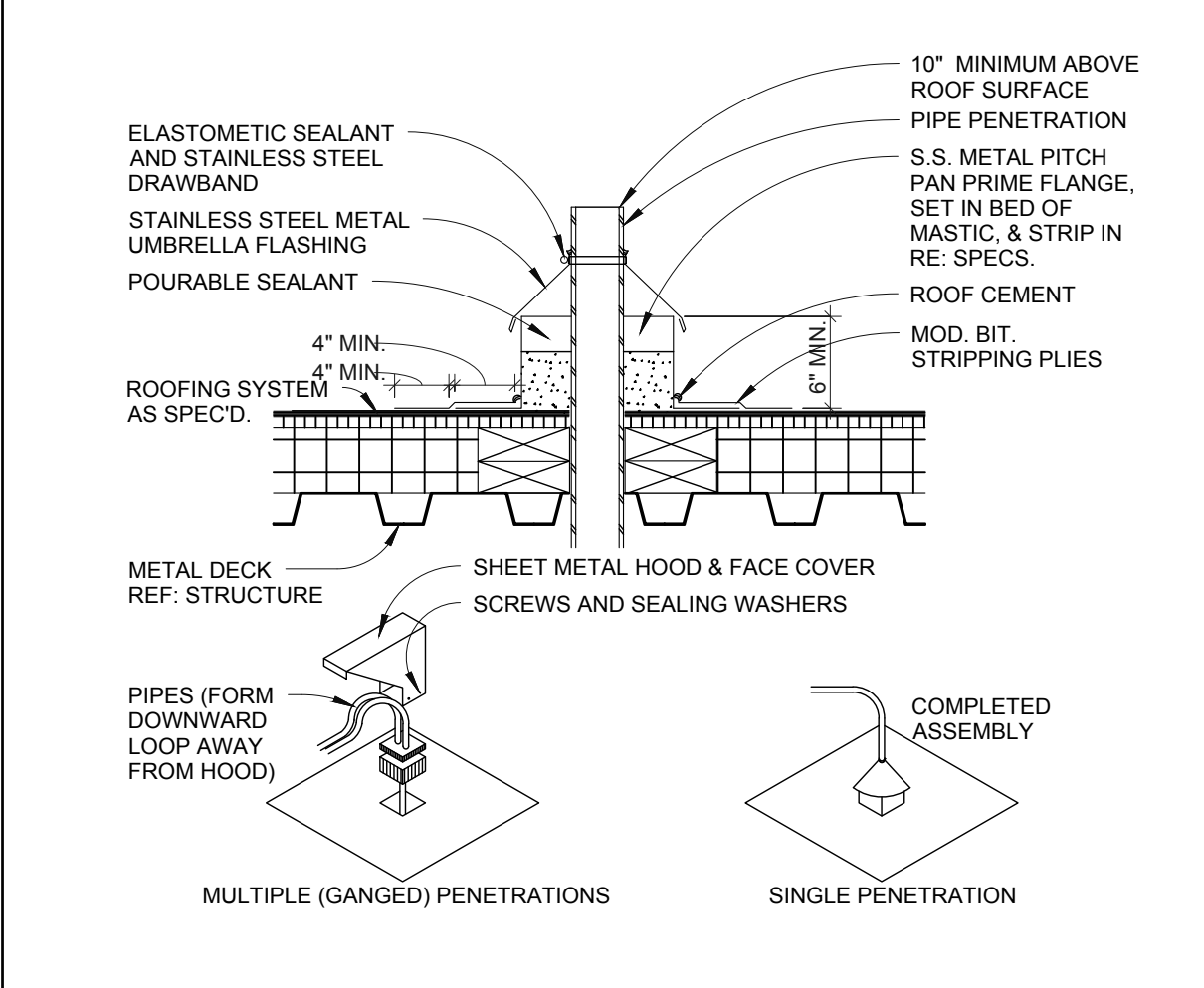
**10 ROOF TOP EQUIPMENT CURB**  
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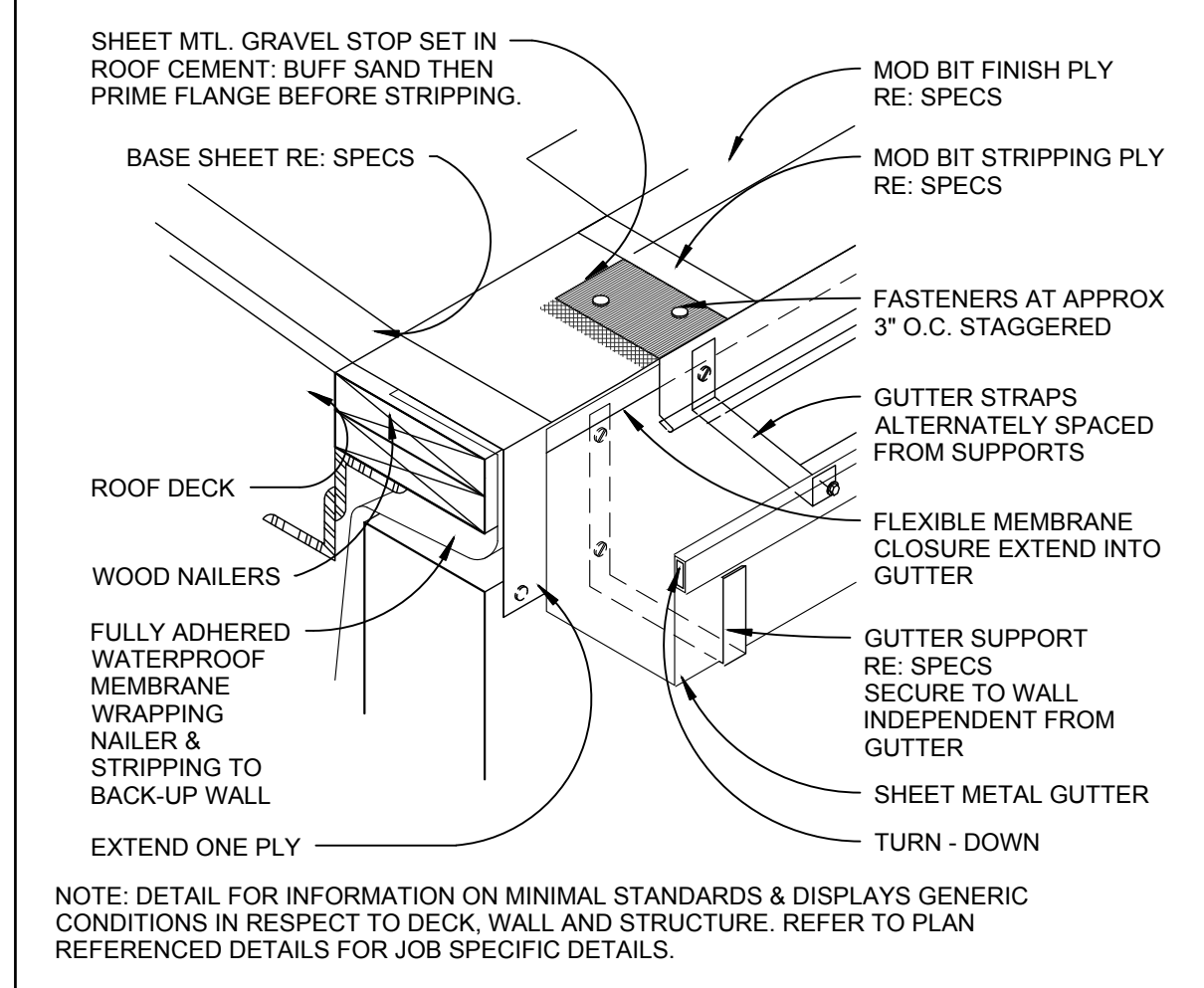
**9 PARAPET COPING DETAIL**  
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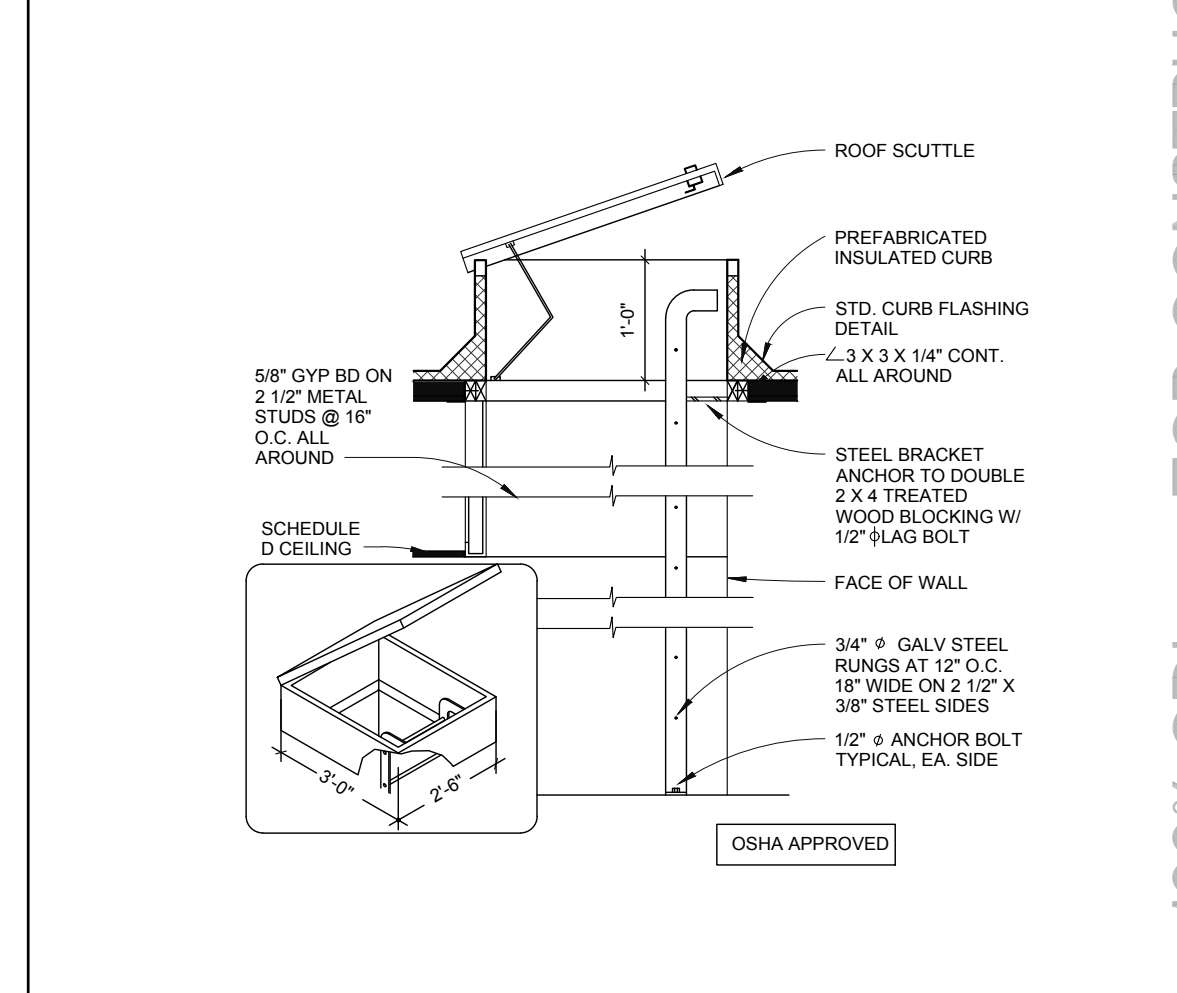
**8 ROOFING - DOWNSPOUT TO BOOT**  
Scale: N.T.S.



**7 GUTTER JOINT AND SPLASH PANS**  
Scale: N.T.S.



**6 ROOFING (METAL) - PLUMBING STACK**  
Scale: N.T.S.



**5 SOIL STACK**  
Scale: N.T.S.

**4 PIPE SUPPORT STANDS**  
Scale: N.T.S.

**3 ROOF PENETRATION DETAIL**  
Scale: N.T.S.

**2 ROOF - LOW EAVE GUTTER DETAIL**  
Scale: N.T.S.

**1 ROOF HATCH DETAIL**  
Scale: N.T.S.

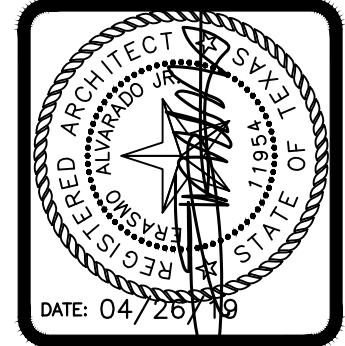
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**HIDALGO COUNTY, PCT. 1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDAS, TEXAS



DATE: 04/26/19

DRAWING TITLE:  
**ROOF DETAILS**

FILE NAME:  
1718

JOB NO.:  
1718

DATE:  
04/26/2019

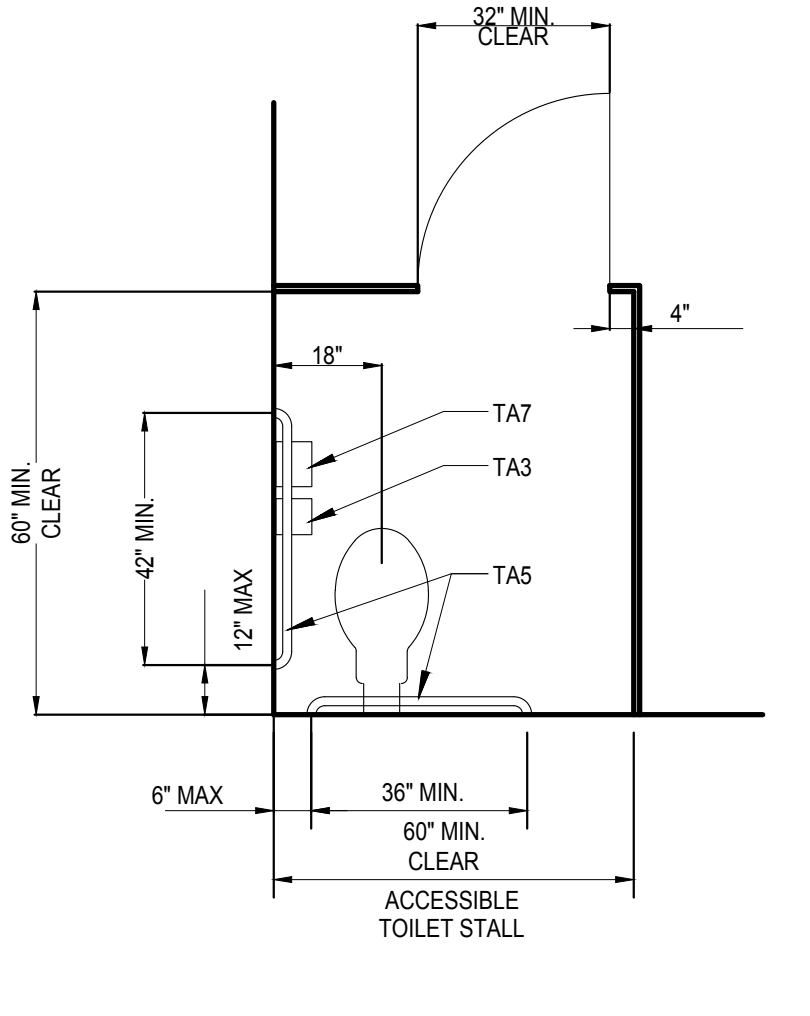
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MG

CHECKED BY:  
EA, II/EA, III

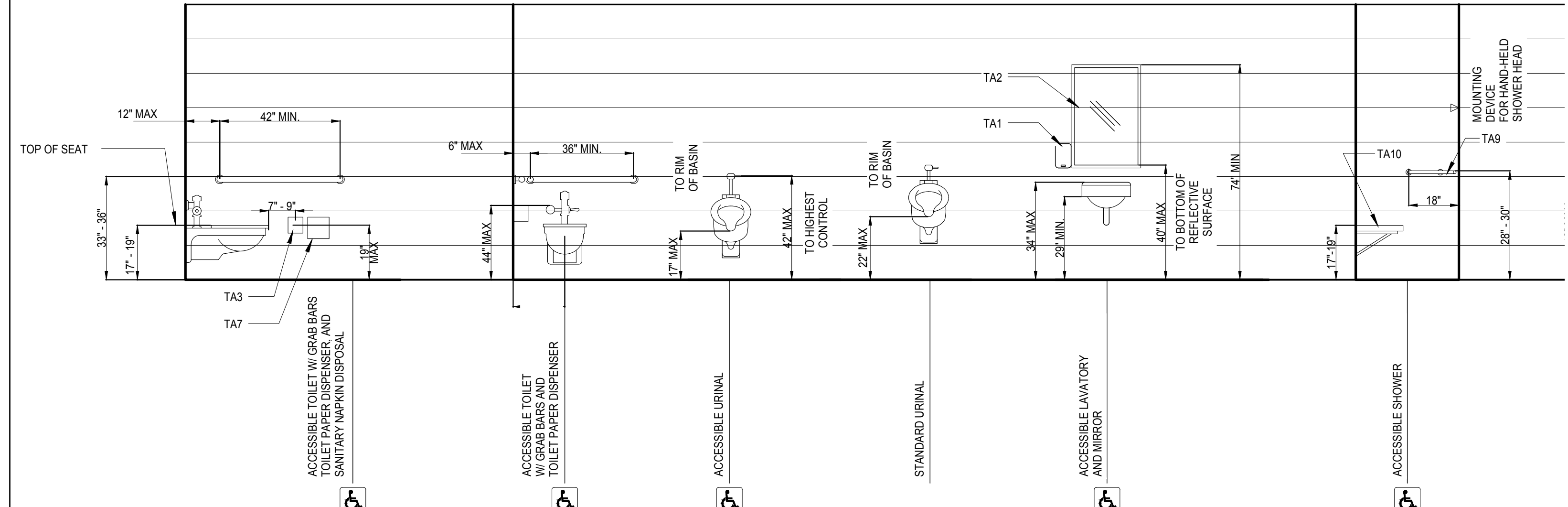
SHEET:  
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NOTE: ALL FIXTURE SIZES, MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY THE TEXAS ACCESSIBILITY STANDARDS.



**15 ACCESSIBLE STALL LAYOUT - TYP.**  
Scale: N.T.S.

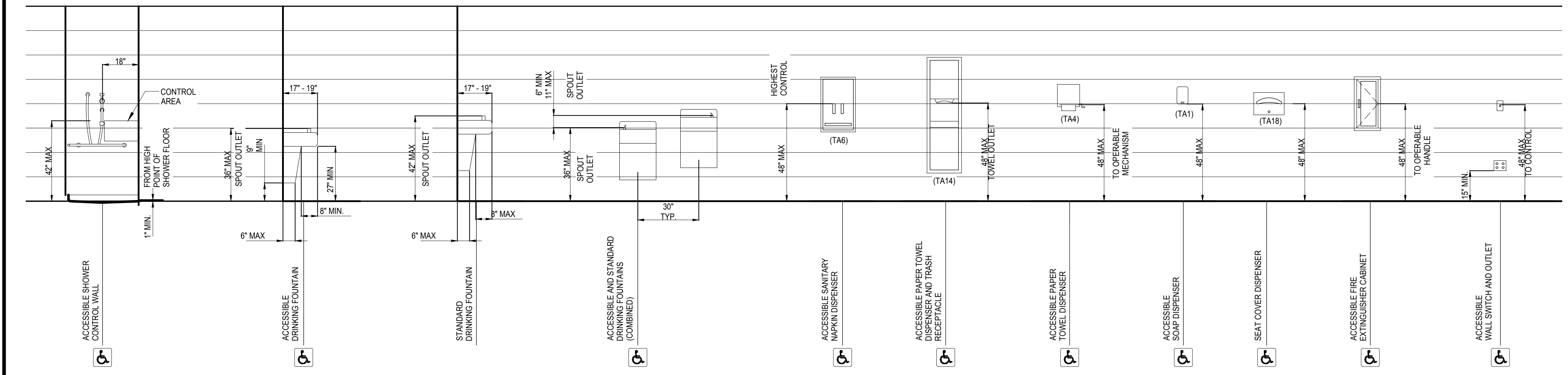


**14 MOUNTING HEIGHTS - TYPICAL**  
Scale: N.T.S.

**TOILET ACCESSORY LEGEND**

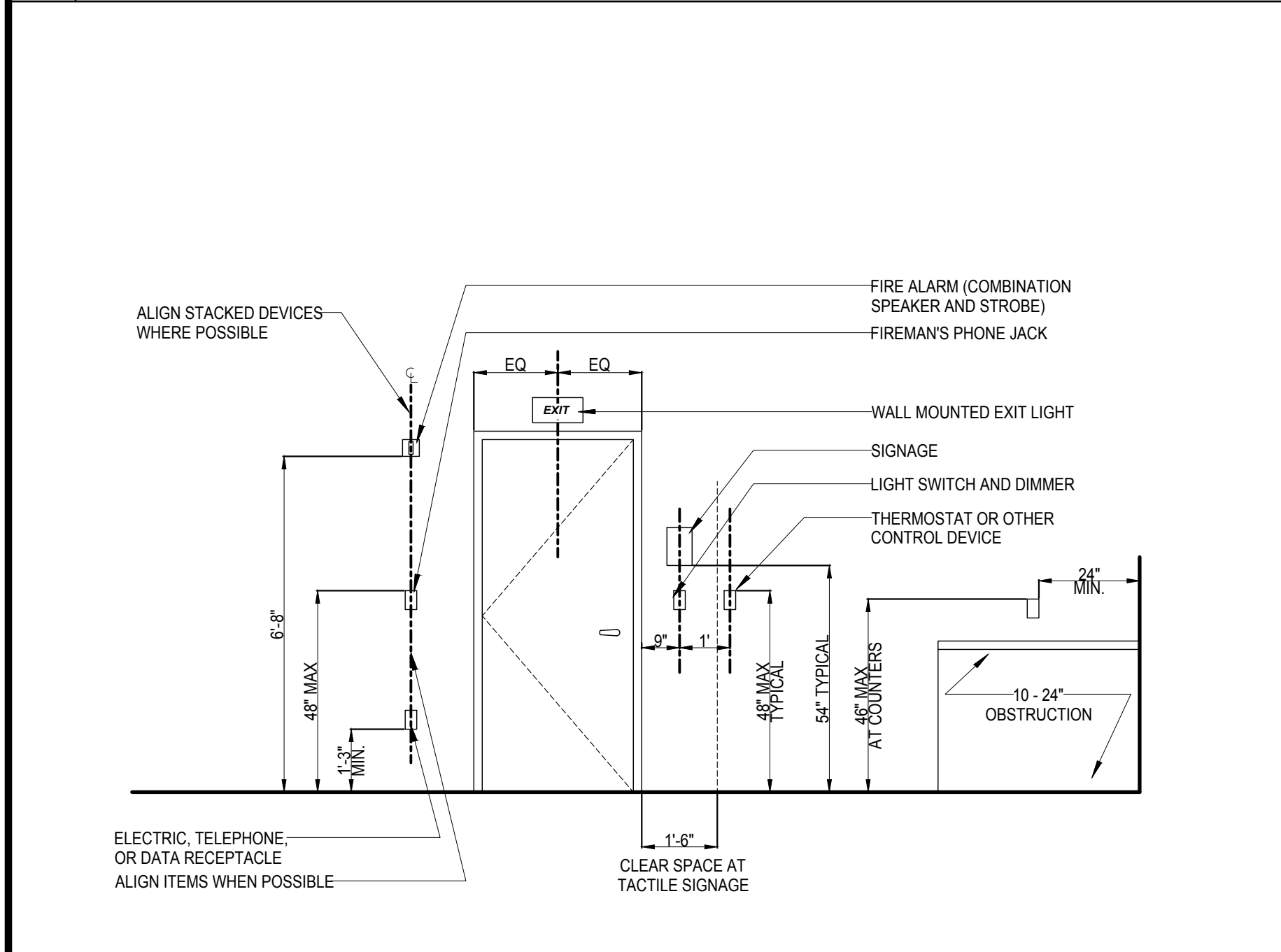
LABEL	DESCRIPTION	REMARKS
TA1	SOAP DISPENSER	
TA2	24" X 48" MIRROR	
TA3	TOILET PAPER DISPENSER	
TA4	PAPER TOWEL DISPENSER	
TA5	GRAB BARS AT TYPICAL H.C. TOILET STALL	
TA6	SANITARY NAPKIN DISPENSER	
TA7	SANITARY NAPKIN DISPOSAL	
TA8	MOP & BROOM HOLDER	
TA9	GRAB BARS AT ACCESSIBLE SHOWER	
TA10	FOLDING SHOWER BENCH	
TA11	CLOTHES HOOK	
TA12	SHOWER CURTAIN, ROD AND HOOKS	
TA13	ELECTRIC HAND DRYER	
TA14	COMBO PAPER TOWEL DISPENSER/TRASH RECEPTACLE	
TA15	GRAB BARS AT ALTERNATE ACCESSIBLE TOILET STALL	
TA16	CHANGING STATION	
TA17	60" X 36" MIRROR	
TA18	SEAT COVER DISPENSER	

**11 LEGEND**  
Scale: N.T.S.

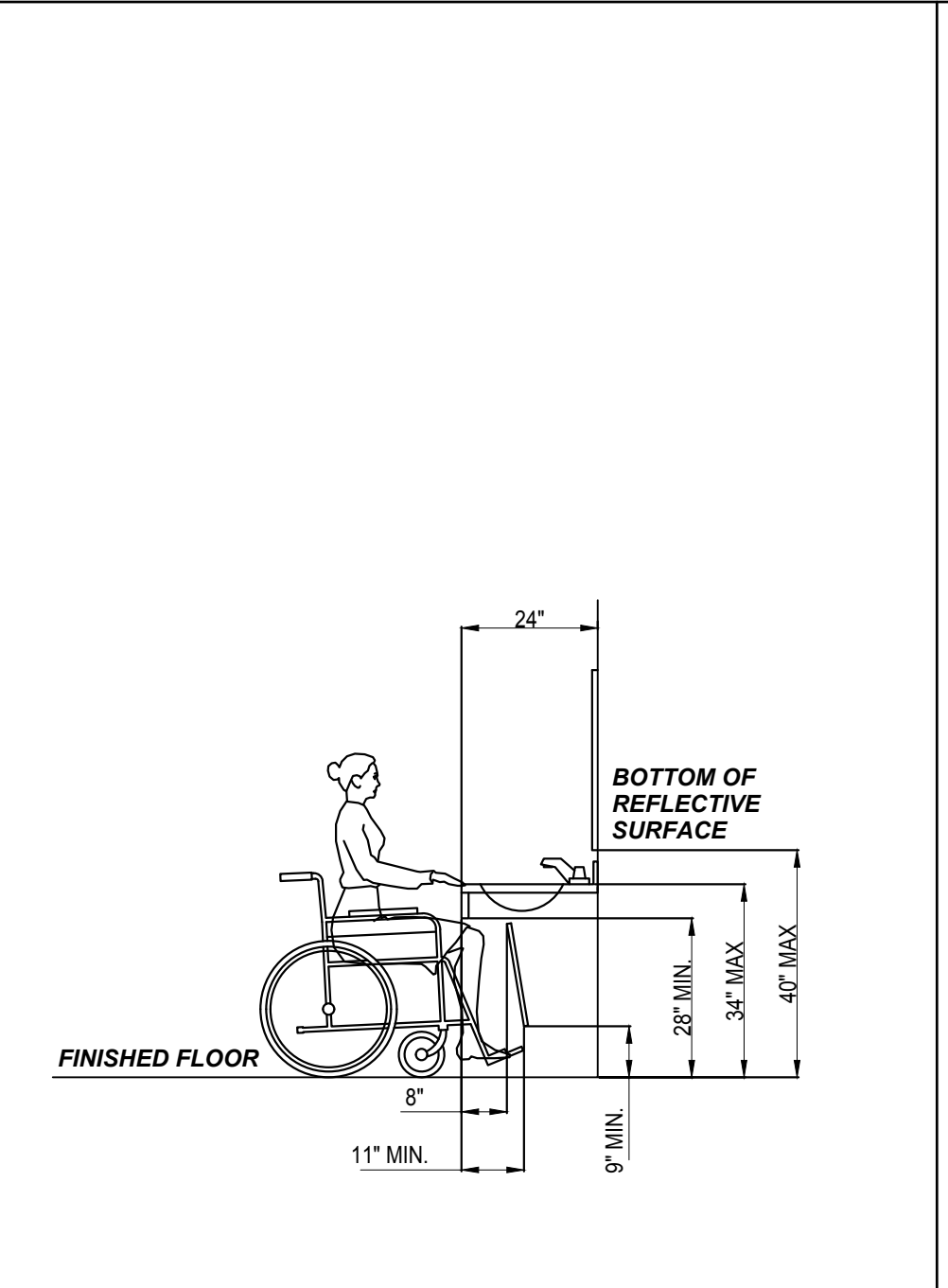


**10 MOUNTING HEIGHTS - TYPICAL**  
Scale: N.T.S.

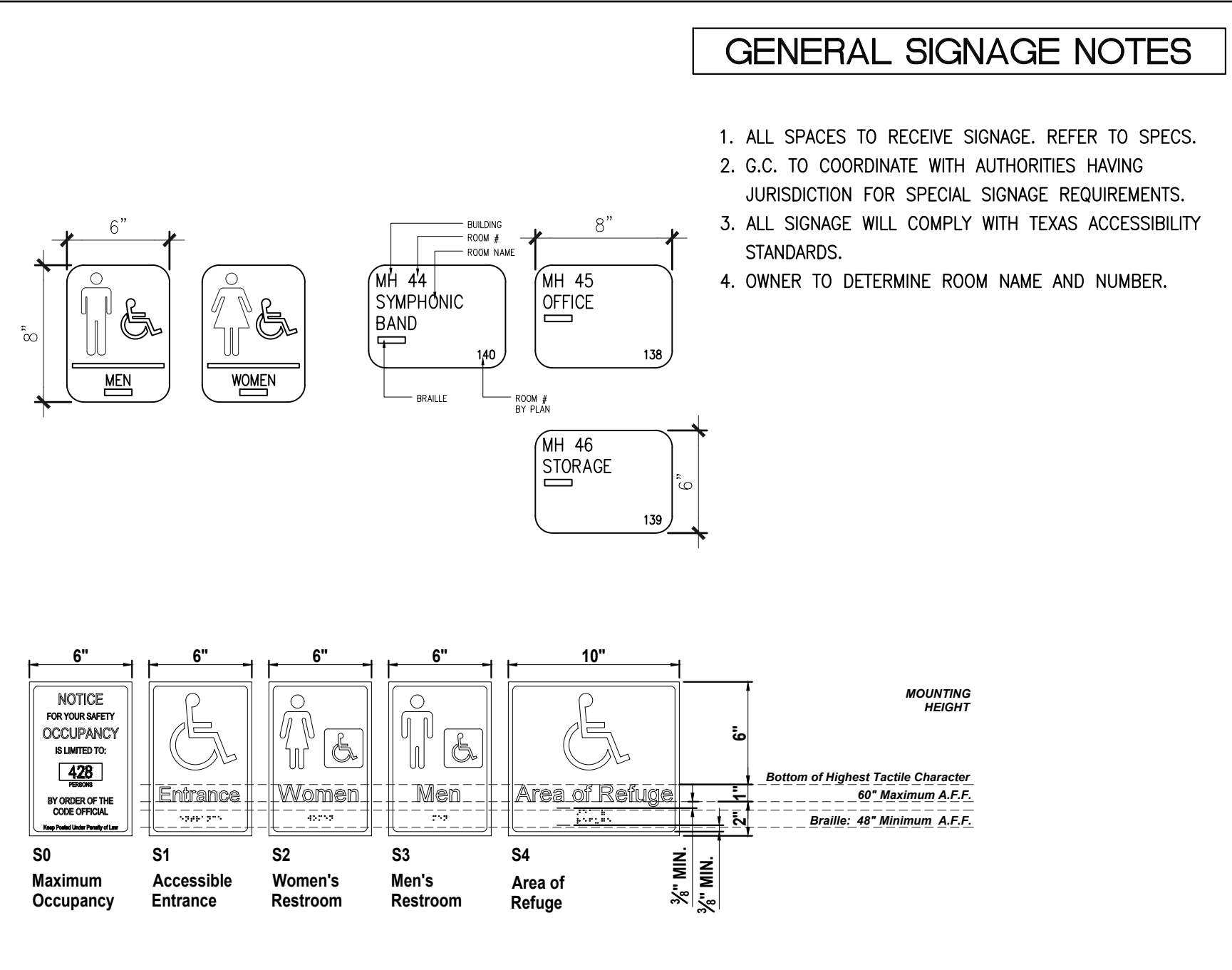
DESCRIPTION	TEXAS AGES: ADULT
<b>WATER CLOSET:</b>	
TO TOP OF SEAT	17" - 19"
TO GRAB BARS	33" - 36"
<b>URINAL:</b>	
MAX TO RIM OF BASIN	17"
MAX TO FLUSH CONTROLS	48"
<b>LAVATORIES (FRONTAL APPROACH):</b>	
MIN KNEE CLEARANCE	29"
MAX TO TOP	34"
MAX TO FAUCETS FROM FRONT OF LAVATORY	22"
<b>FIXED OR BUILT-IN:</b>	
HEIGHT OF TABLES OR COUNTER	28" - 34"
MAX KNEE CLEARANCE	27"
<b>SHELVES &amp; DISPENSERS: MAX HEIGHT TO CONTROL DEVICE</b>	
MAX FRONTAL APPROACH	48"
MAX SIDE APPROACH	54"
<b>DRINKING FOUNTAINS:</b>	
MAX TO SPOUT	36"
MIN KNEE CLEARANCE	27"
<b>SWITCHES AND CONTROLS:</b>	
MAX FRONTAL APPROACH	48"
MAX SIDE APPROACH	54"
<b>MIRROR (MAX TO BOTTOM OF REFLECTIVE SURFACE):</b>	40" MAX
<b>TOILET PAPER DISPENSER (MIN TO CENTER OF ROLL):</b>	19"
<b>PAPER TOWEL DISPENSER (TO OPERATING MECHANISM):</b>	48"
<b>SHOWER:</b>	
TOP OF FOLDING BENCH	17" - 19"
TO GRAB BAR	33" - 36"
MAX TO HAND SHOWER HEAD MOUNTING	48"
<b>MARKERBOARDS/TACKBOARDS/SMARTBOARDS:</b>	36" TO BOTTOM



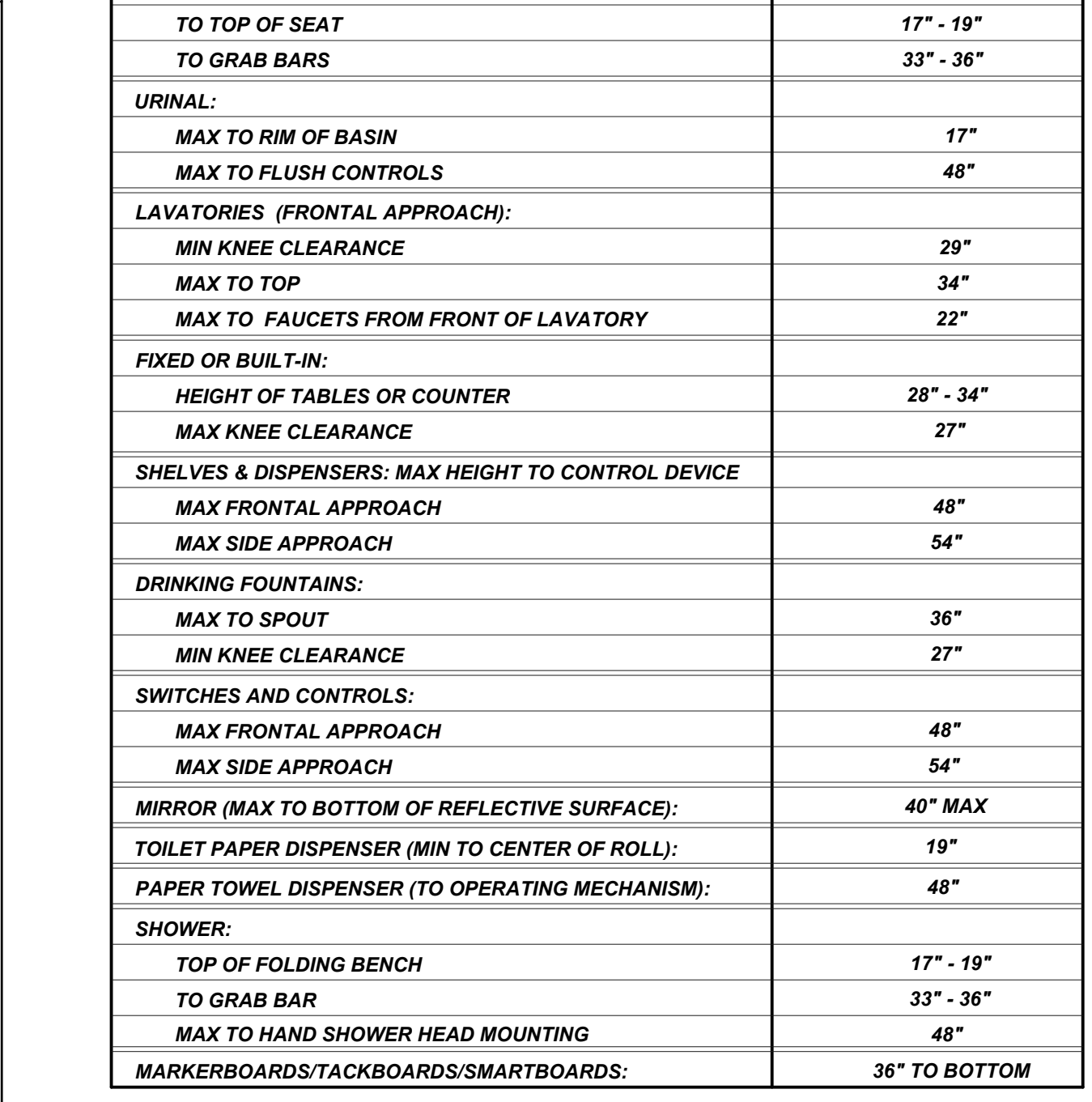
**5 MISCELLANEOUS HEIGHTS**  
Scale: N.T.S.



**4 ACCESSIBLE VANITY**  
Scale: N.T.S.



**3 TYPICAL SIGNAGE**  
Scale: N.T.S.

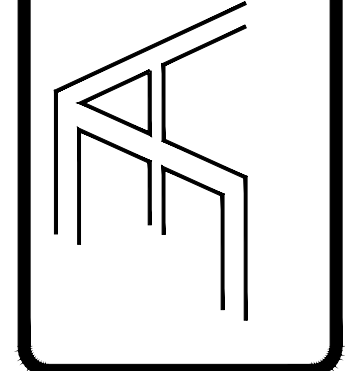


**1 MOUNTING HEIGHTS**  
Scale: N.T.S.

REVISIONS

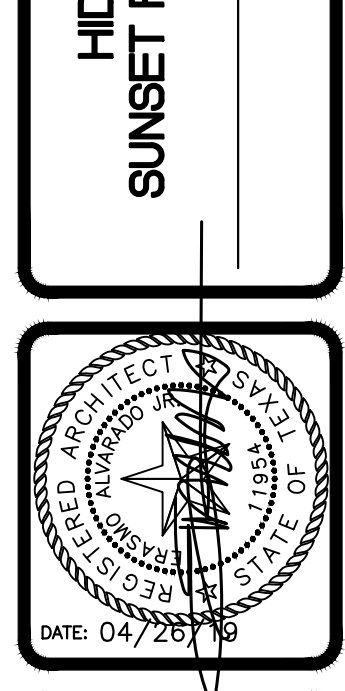
NO.	DATE	DESCRIPTION

**ALVARADO ARCHITECTS & ASSOCIATES, INC.**  
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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDRES, TEXAS



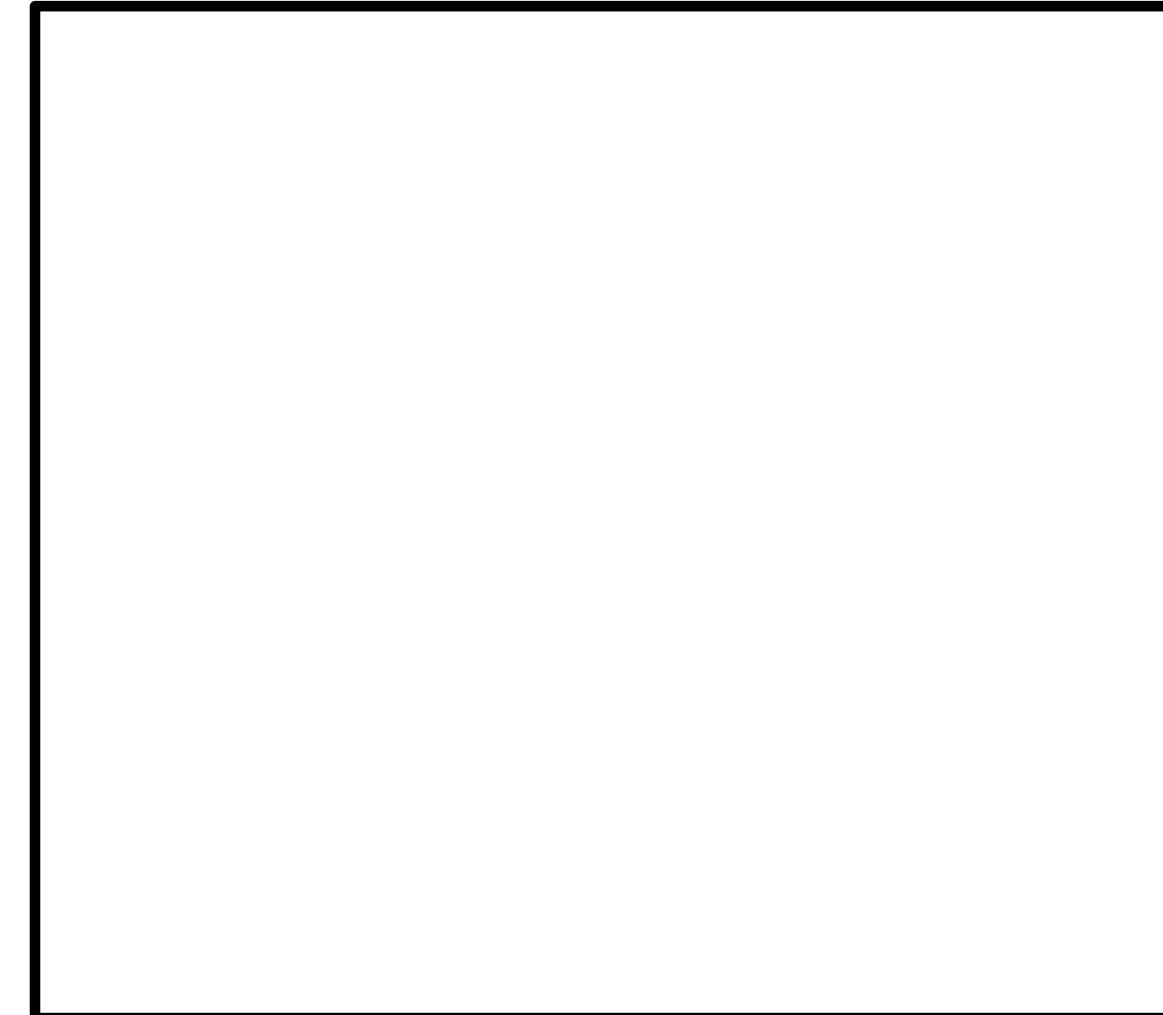
DRAWING TITLE:  
TAS - ACCESSIBILITY DETAILS

FILE NAME:  
JOB NO.: 1718  
DATE: 04/26/2019  
DRAWN BY: MG  
CHECKED BY: E.A. / E.A. III  
SHEET:

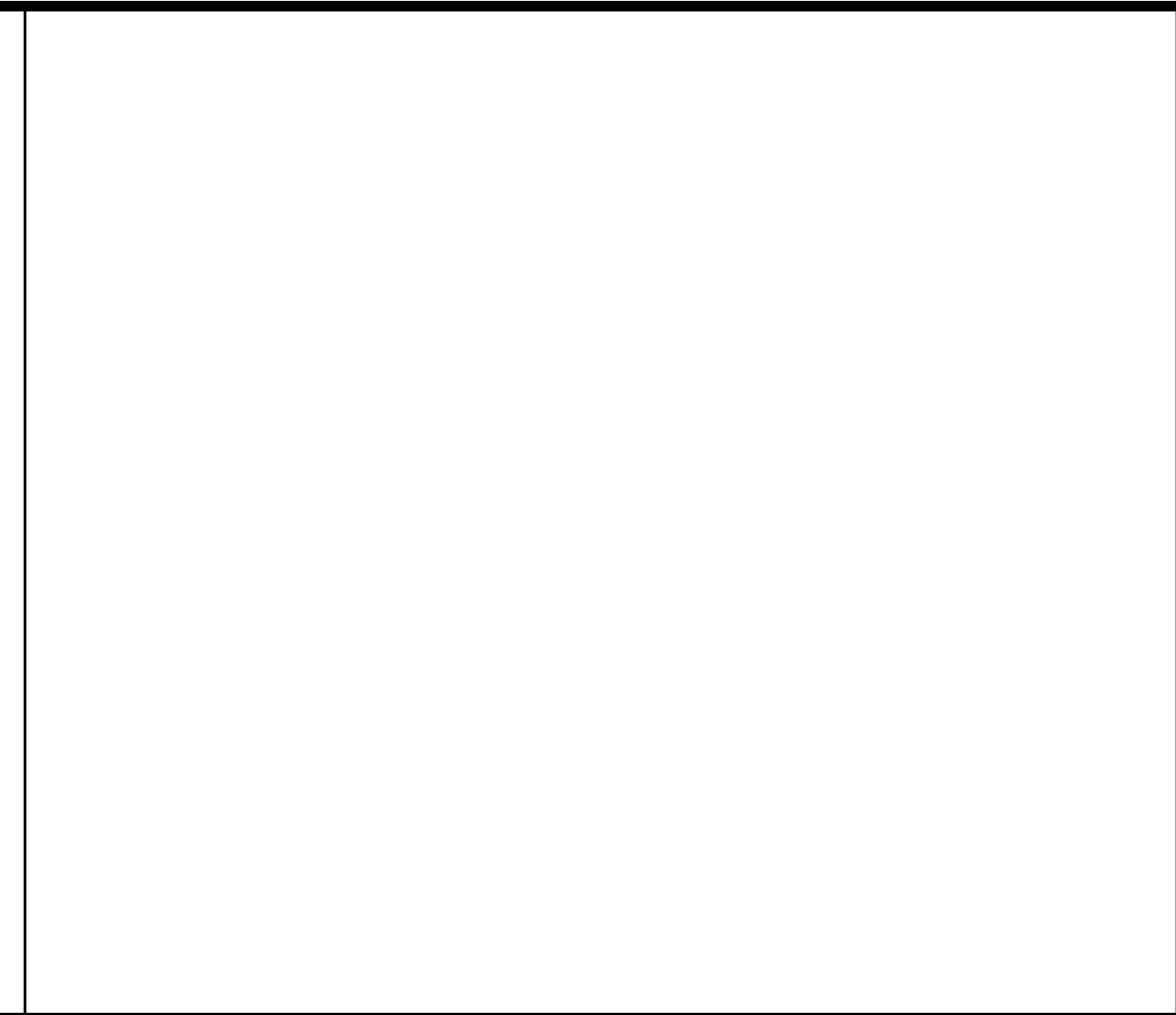
**A4.00**

100% CD's - FOR CONSTRUCTION

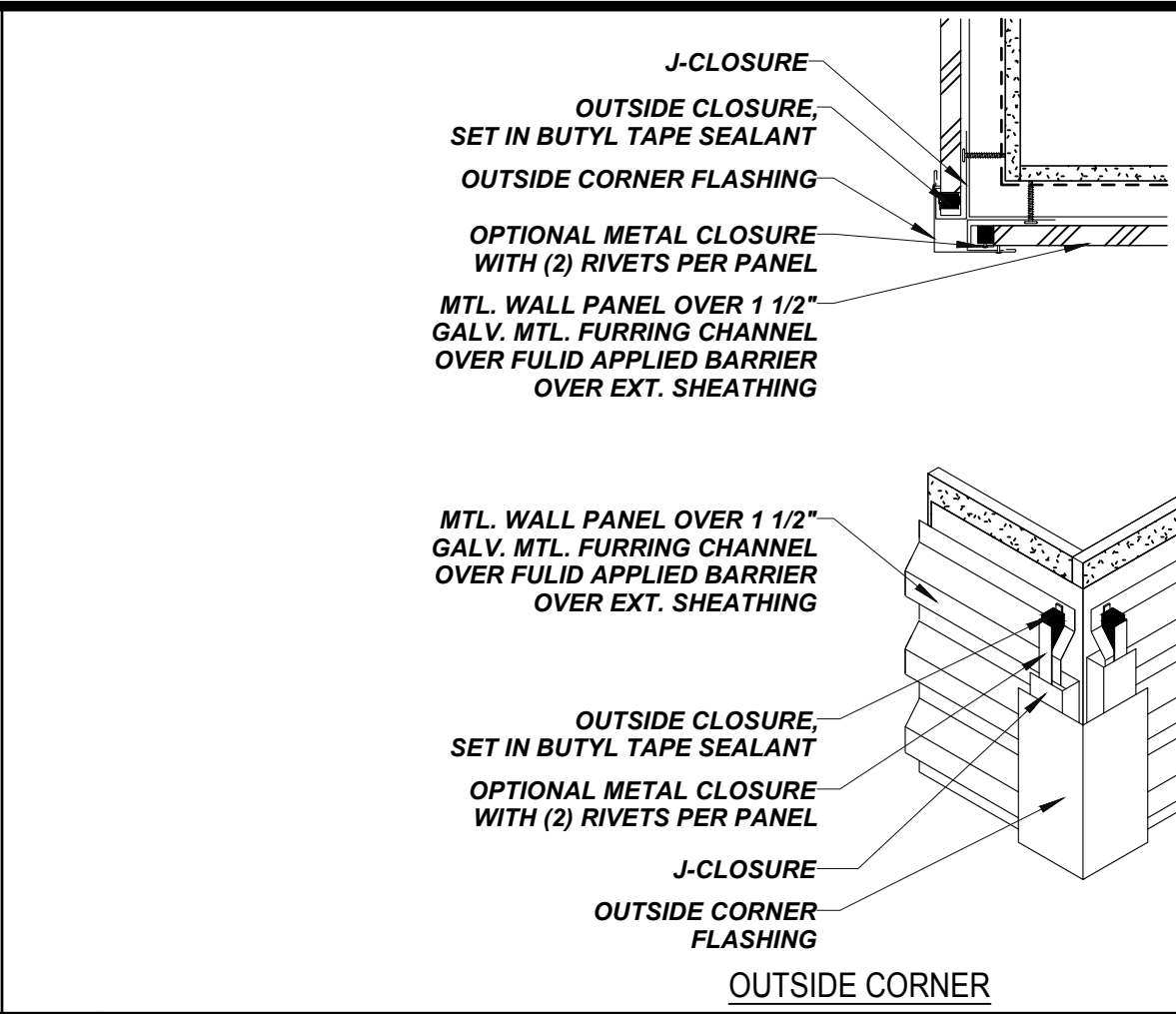




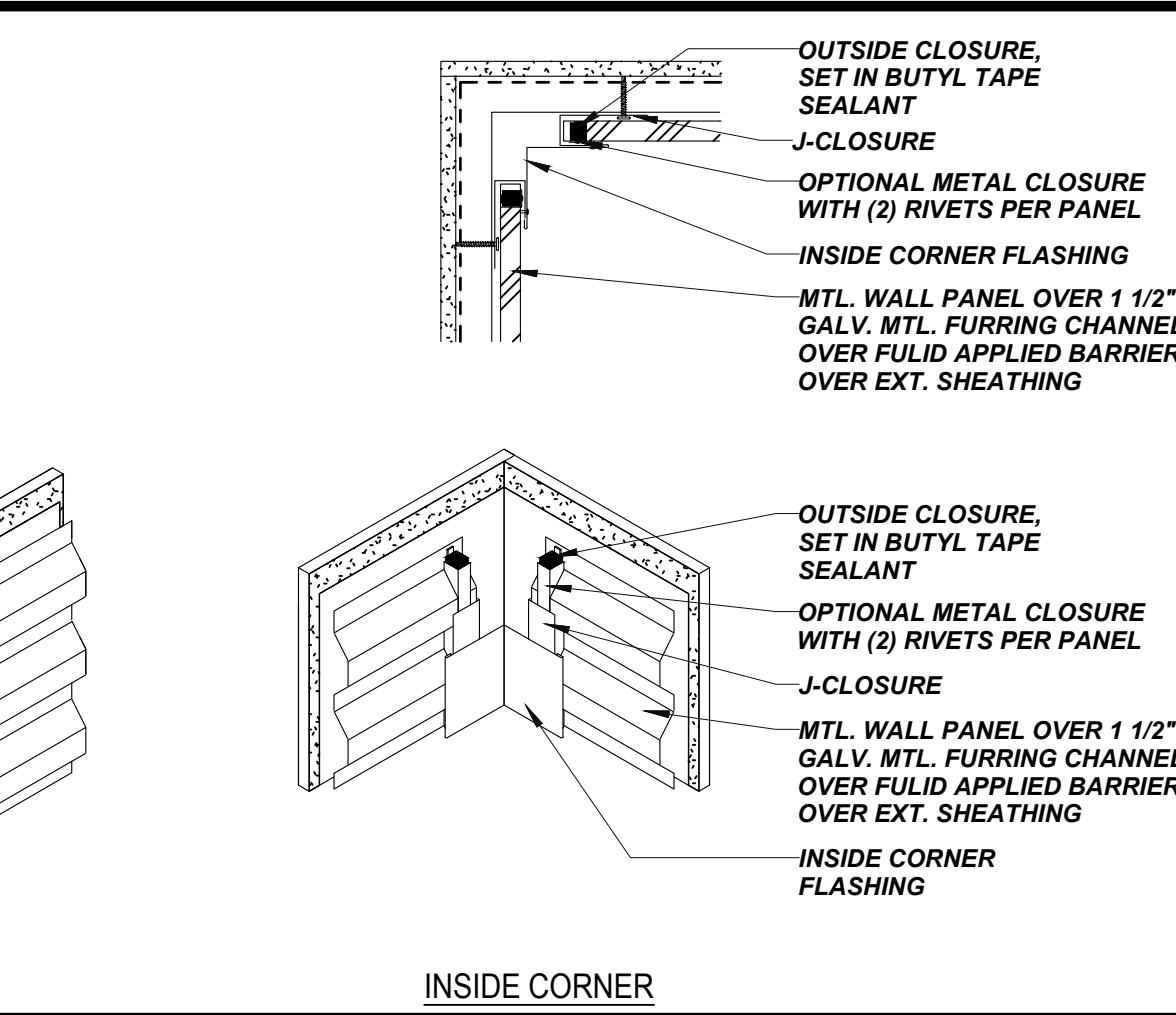
**17 DUCT WALL PENETRATION**



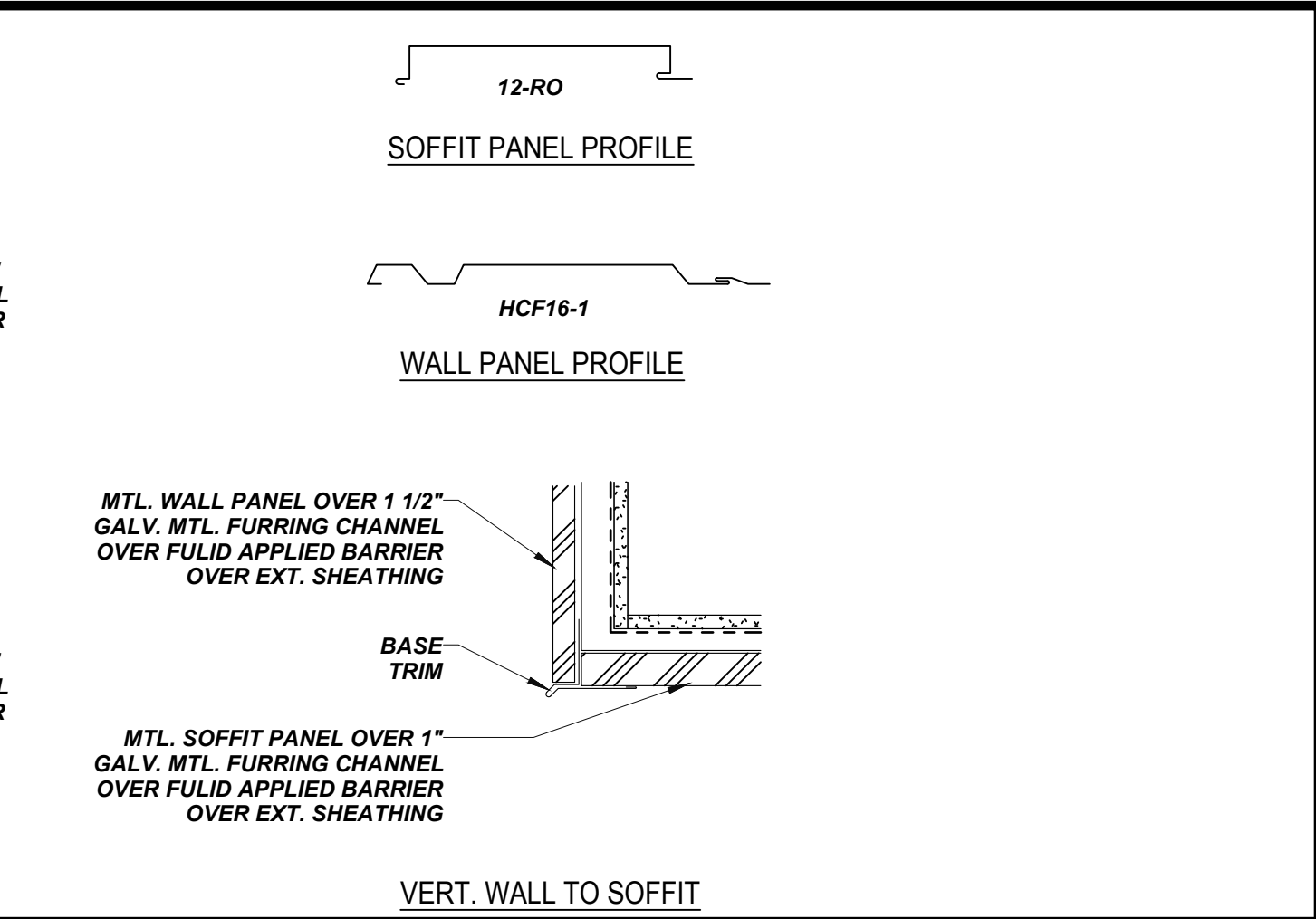
**16 SLEEVE PIPE WALL PENETRATION**



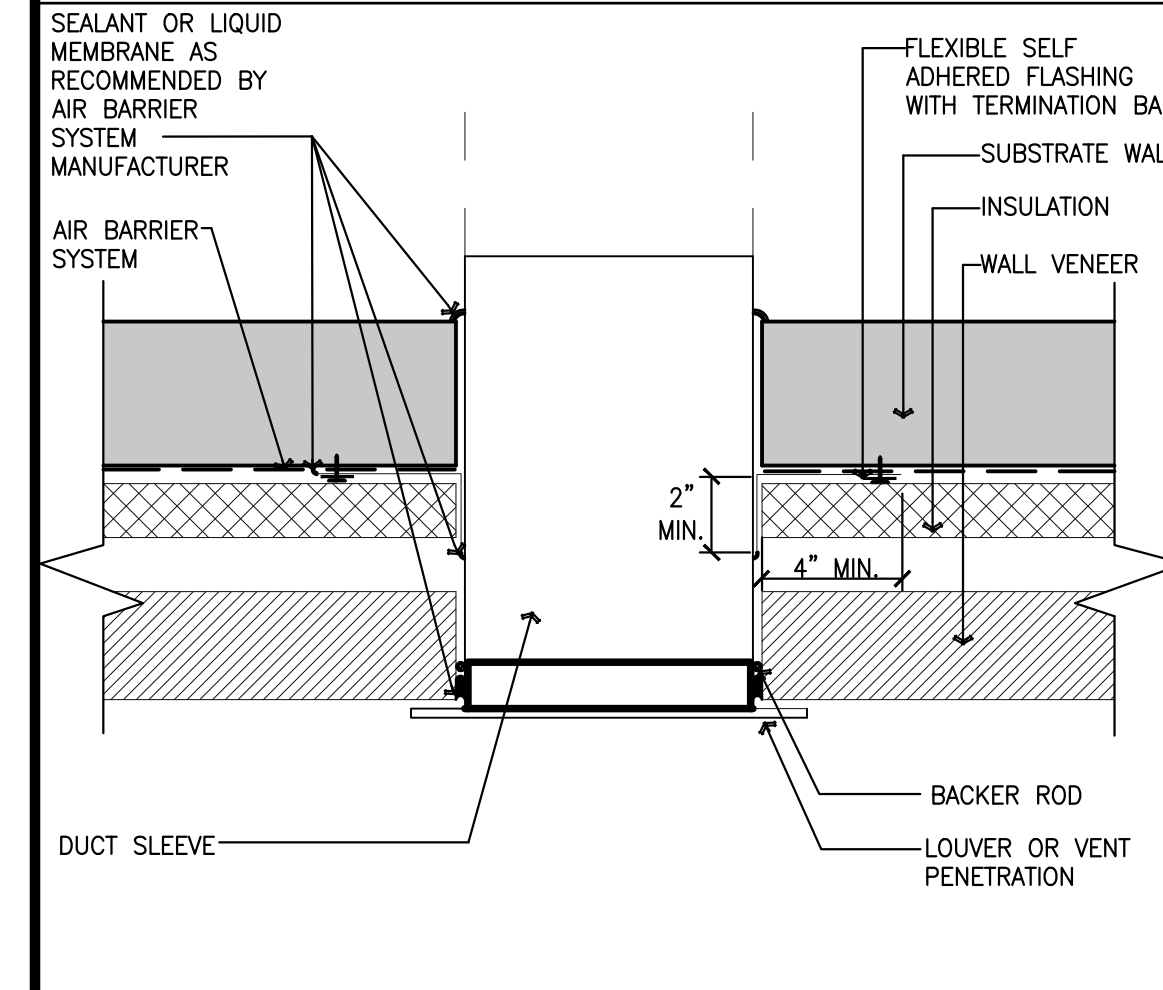
**15 PIPE/CONDUIT WALL PENETRATION**



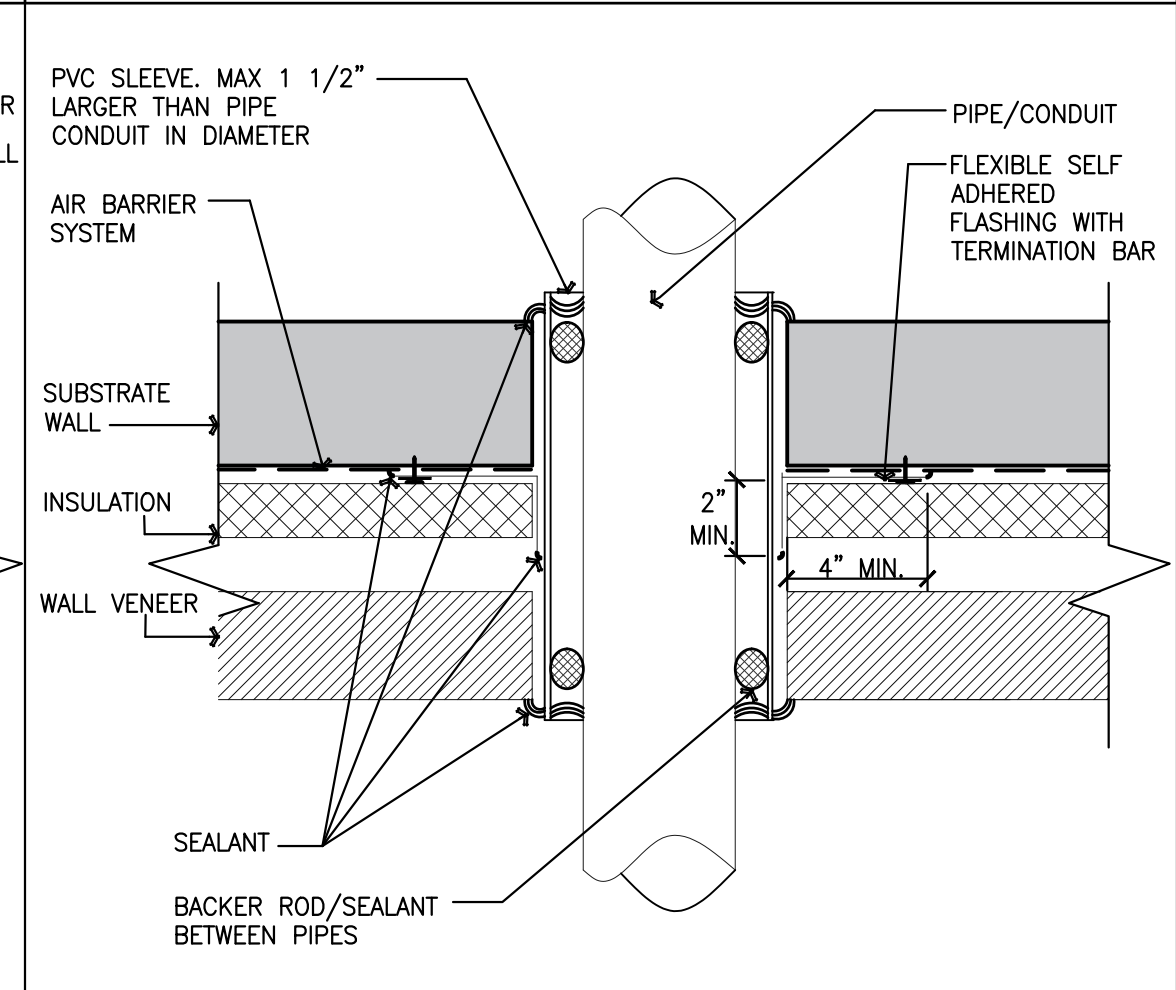
**20 METAL PANEL DETAILS**  
SCALE: N.T.S.



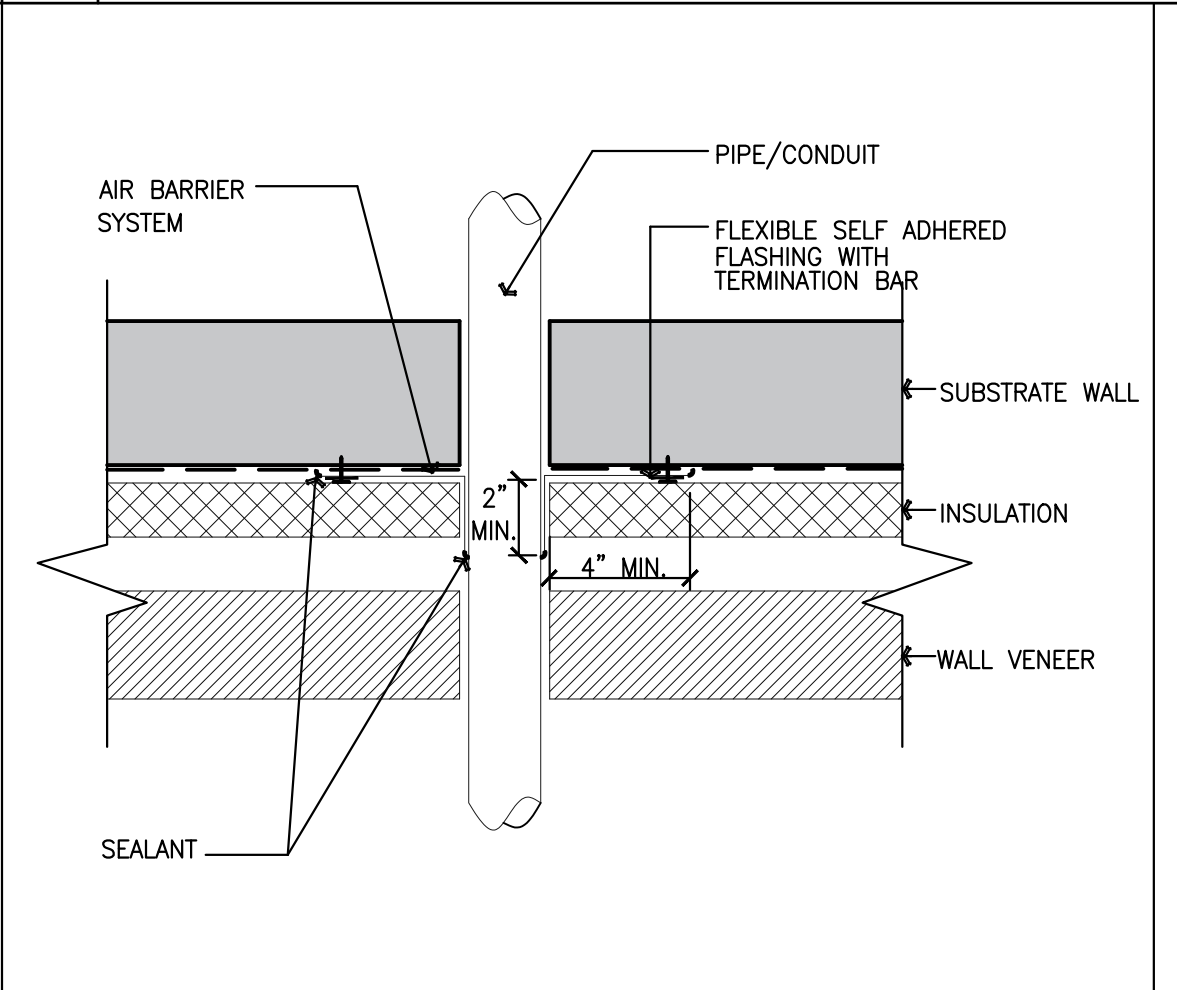
**13 SILL FLASHING - ALUM. FRAME**



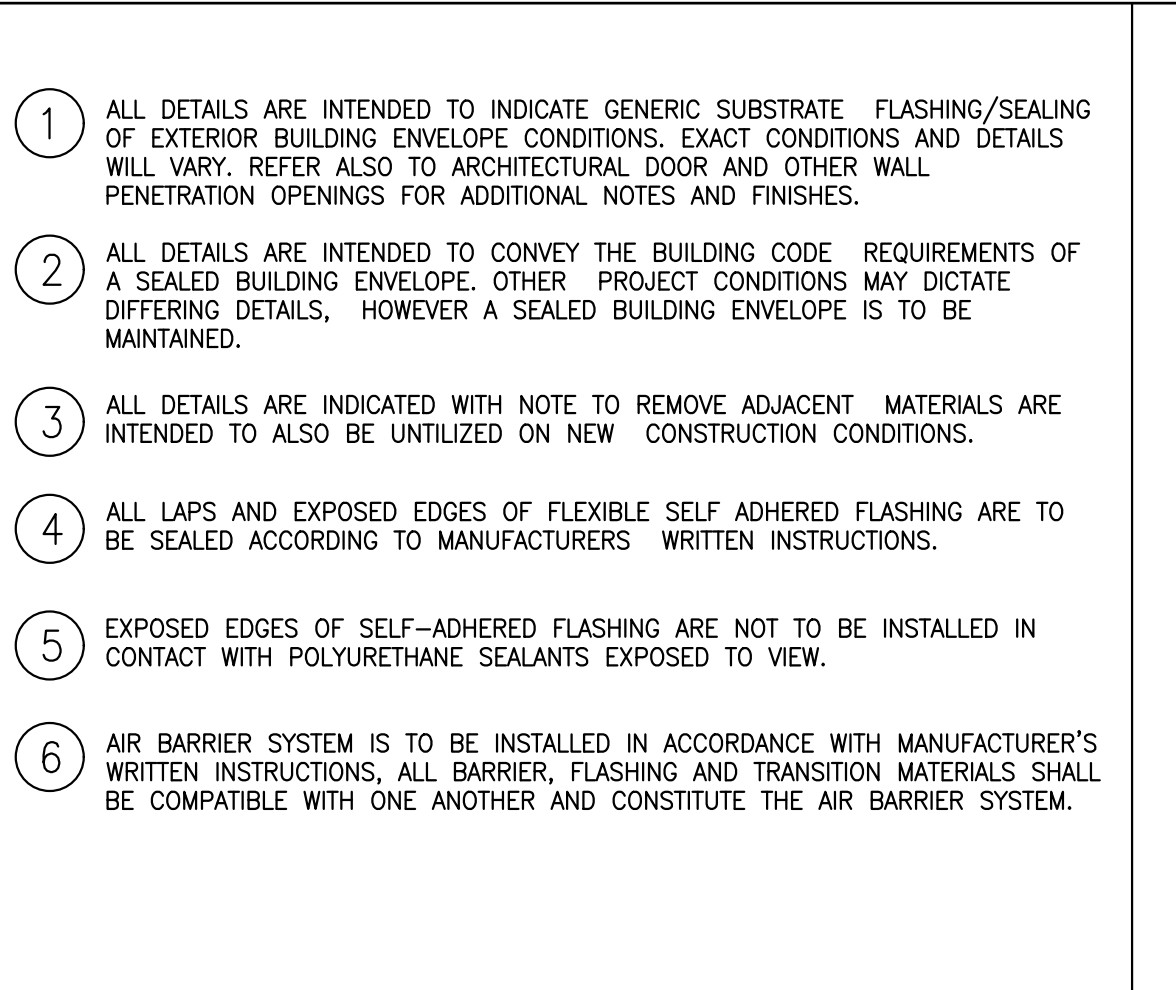
**5 STOREFRONT ELEVATION - EDGE CONDITION**



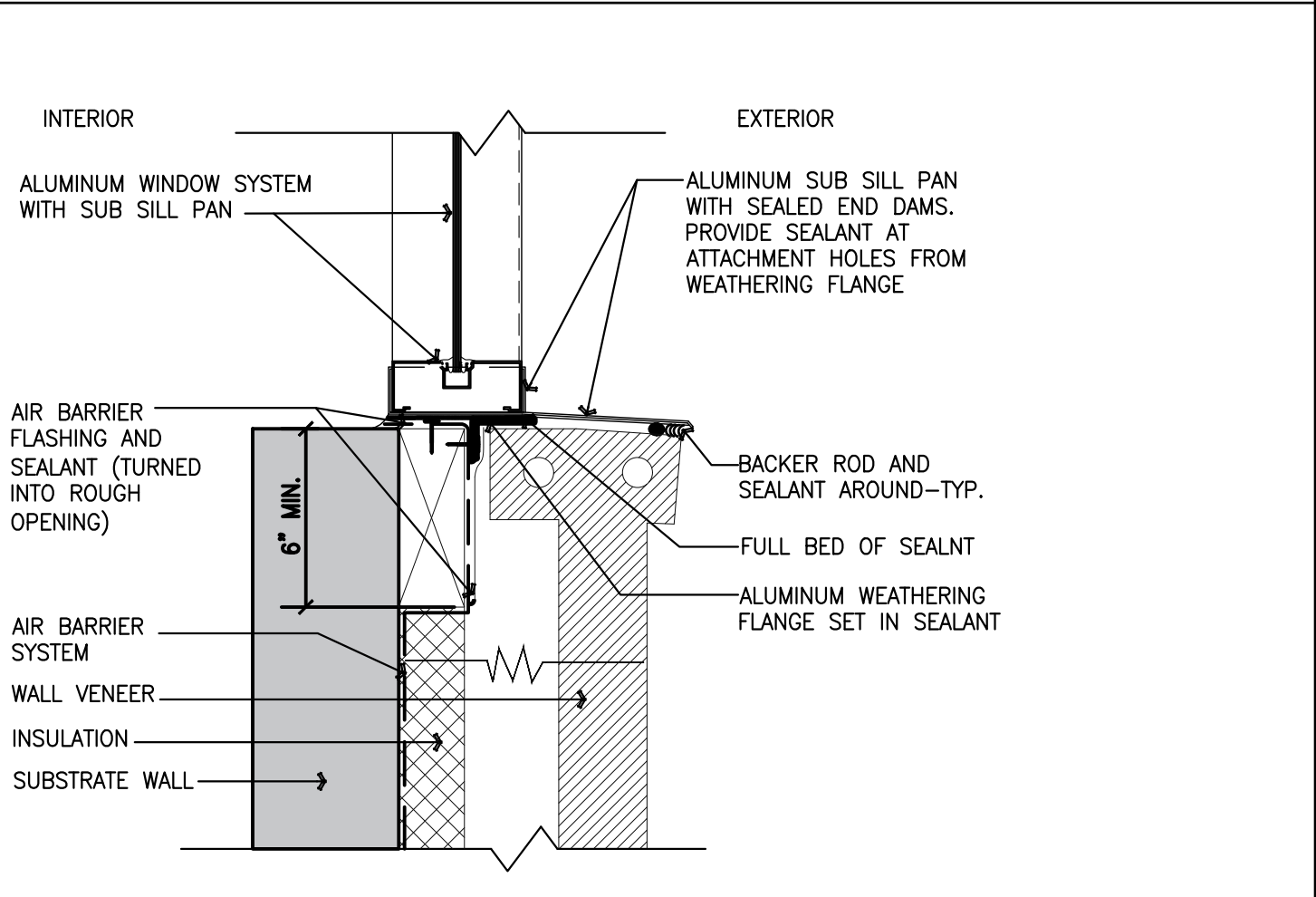
**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**



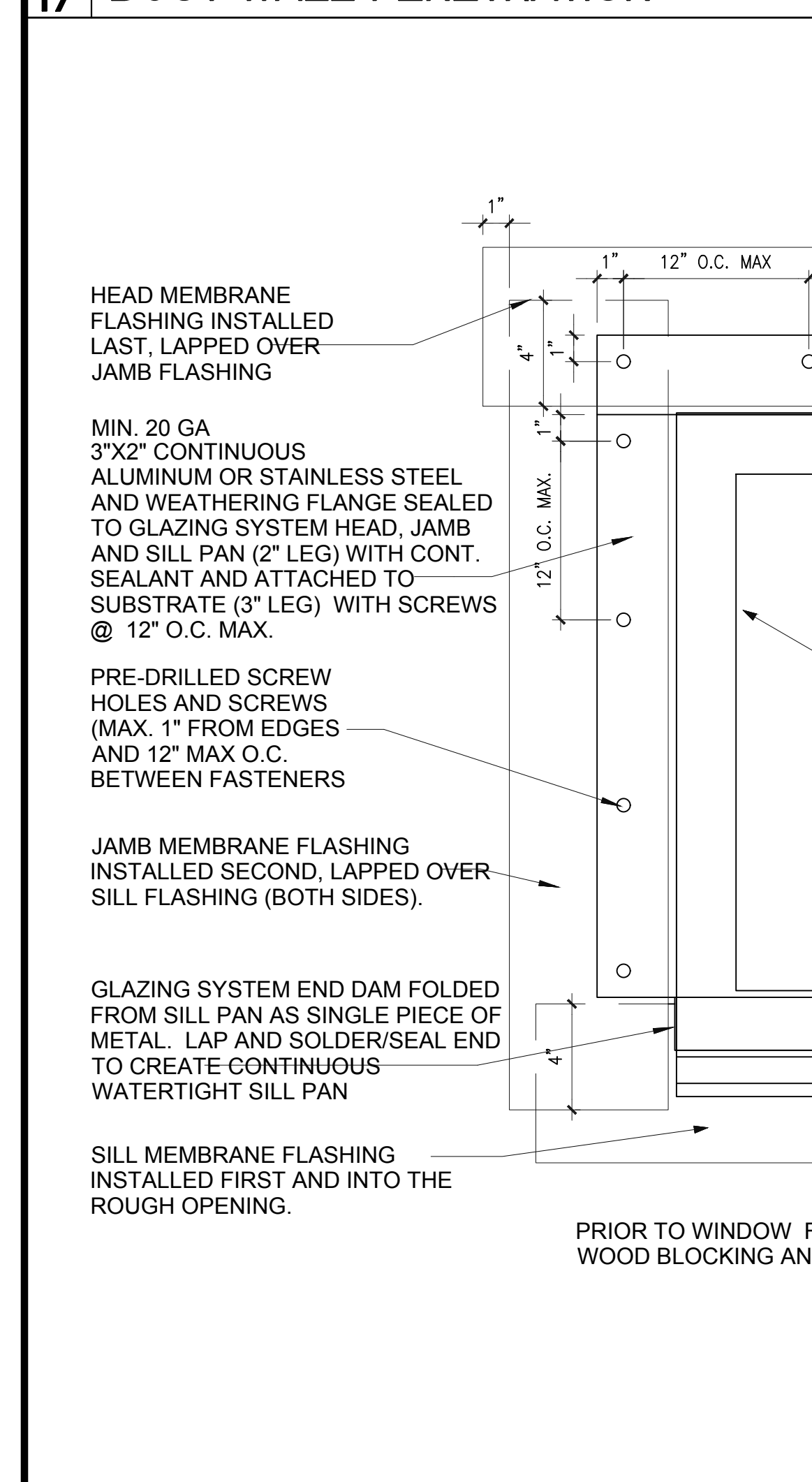
**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**



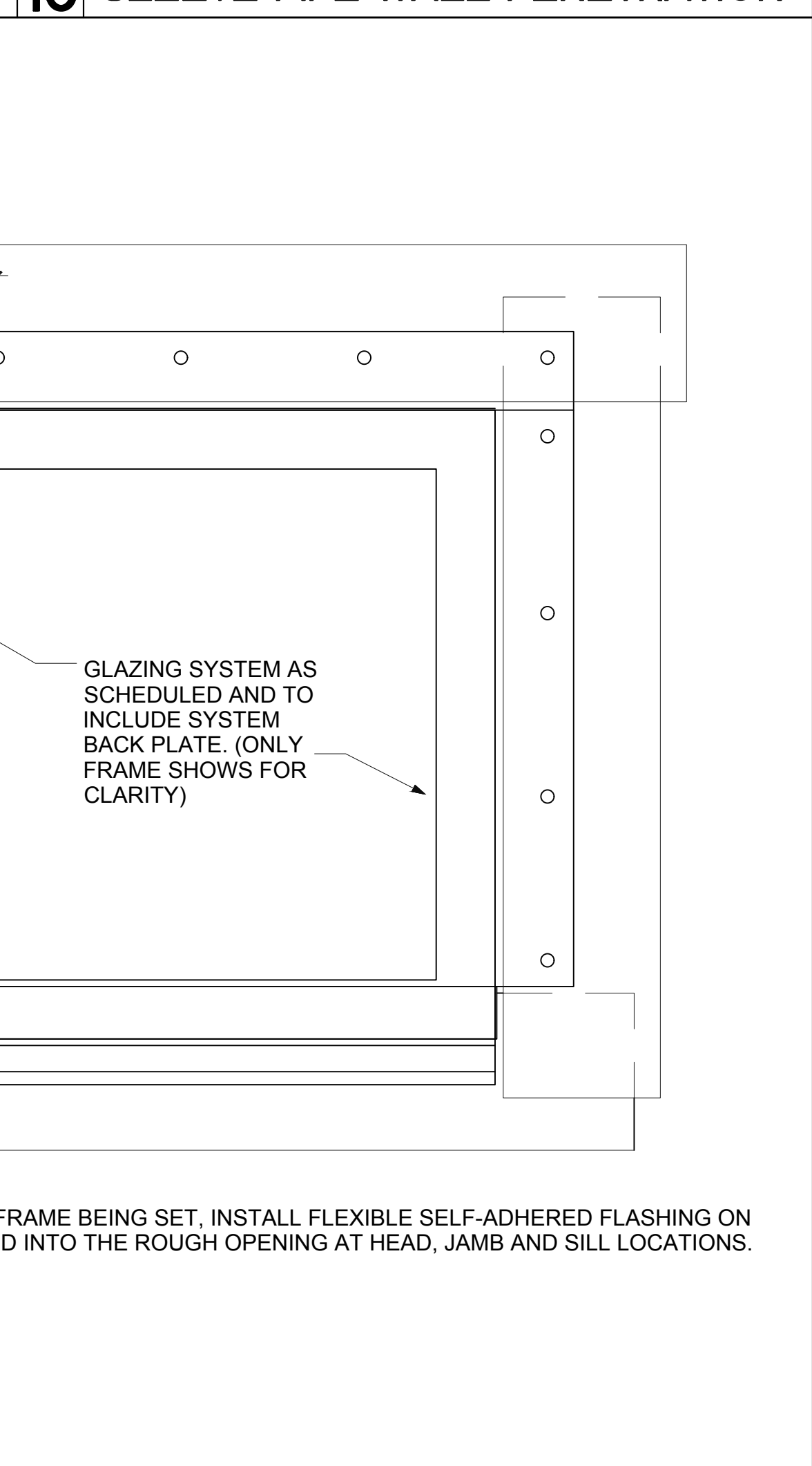
**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**



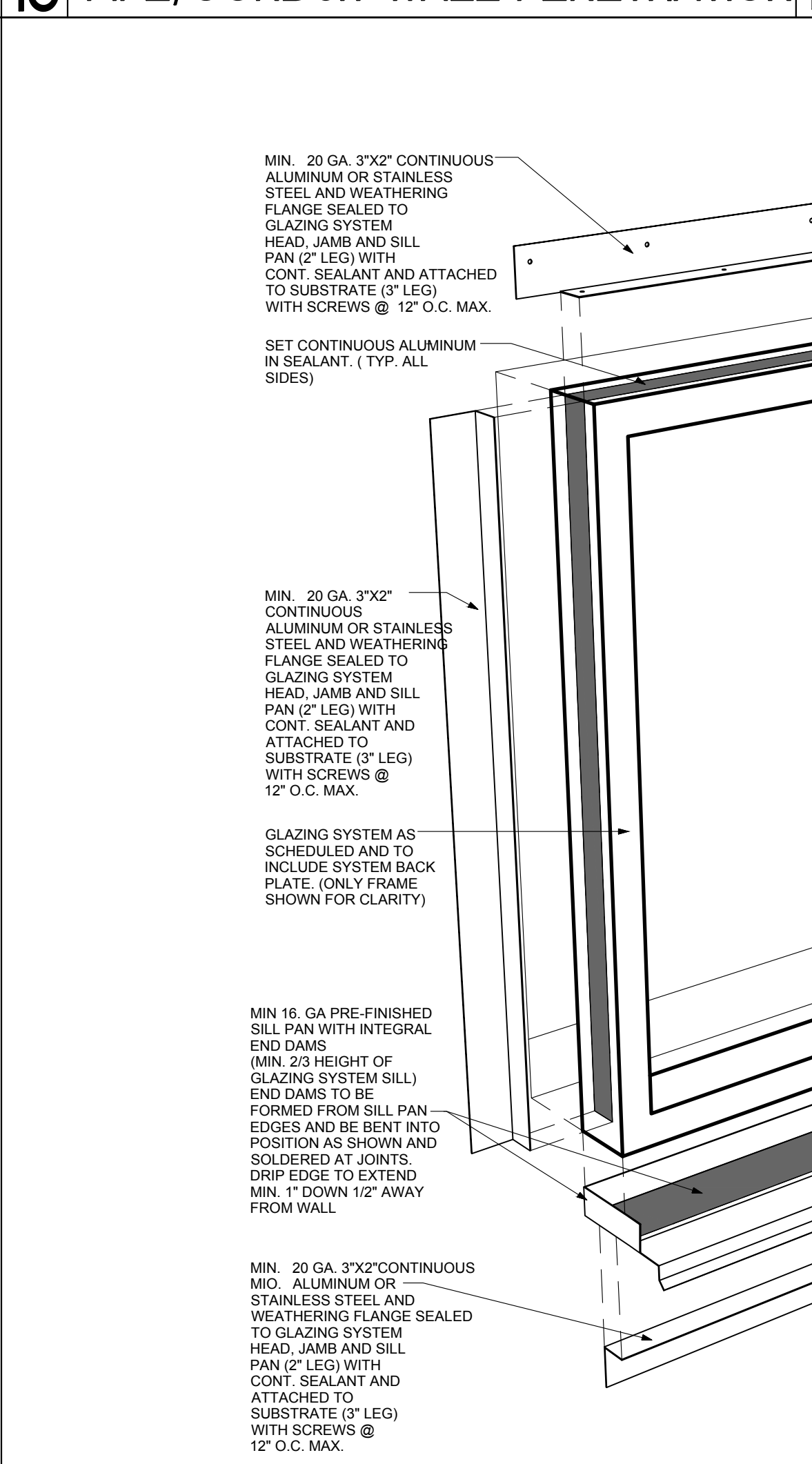
**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**



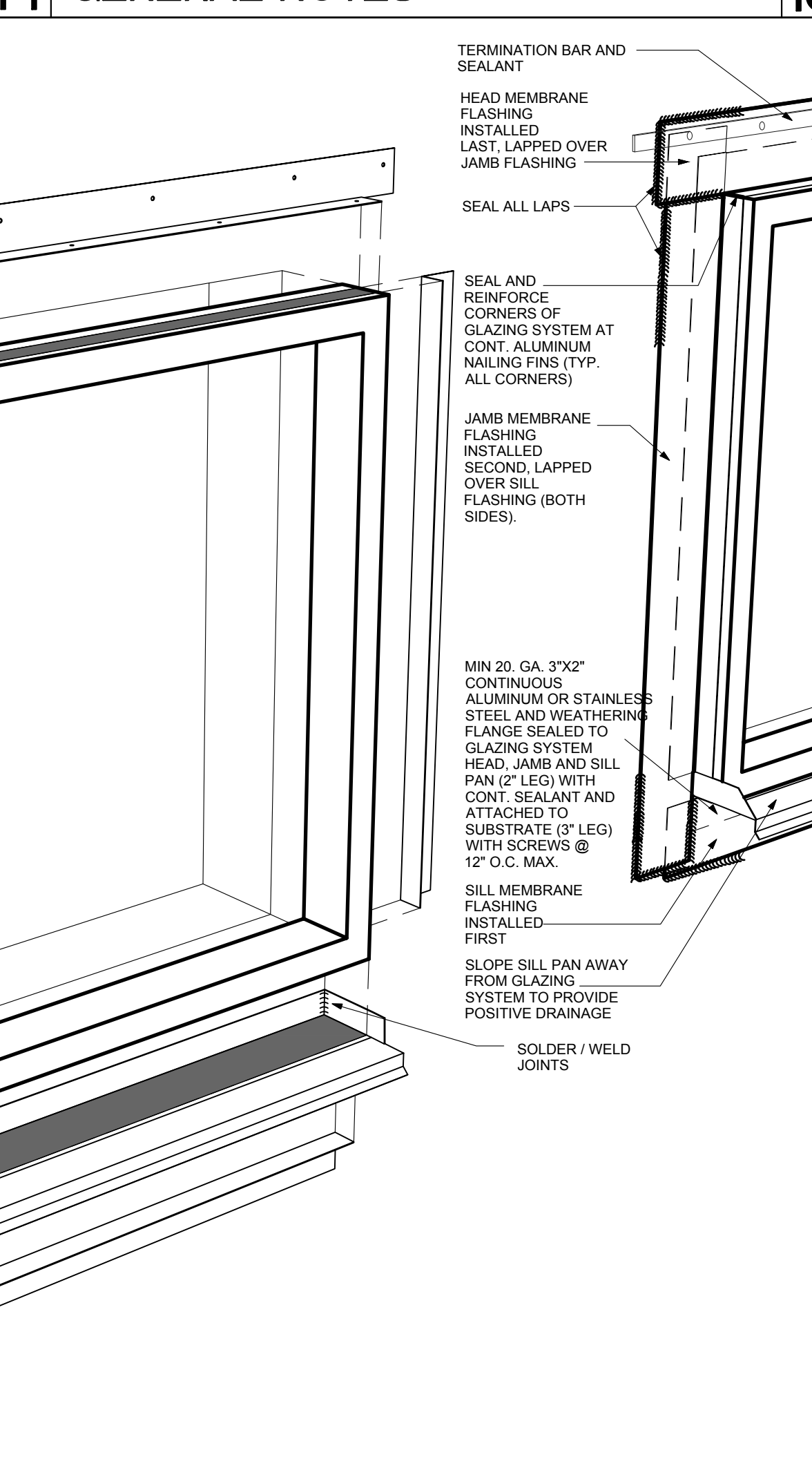
**5 STOREFRONT ELEVATION - EDGE CONDITION**



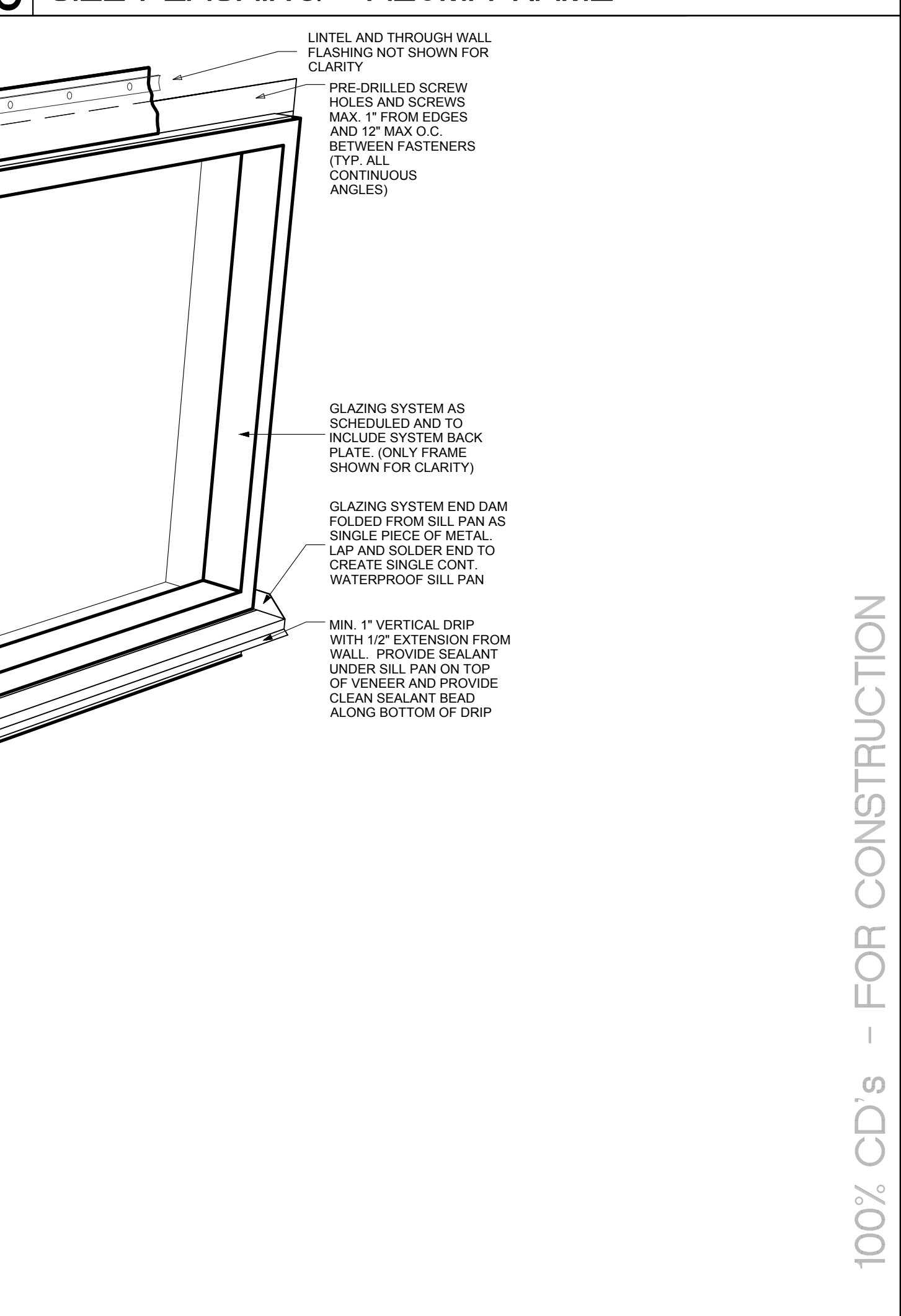
**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**



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**5 STOREFRONT ELEVATION - EDGE CONDITION**

**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**

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**3 EXPLODED VIEWS OF WINDOW FLASHINGS ( DOORS SIMILAR)**

NO.	REVISIONS

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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS

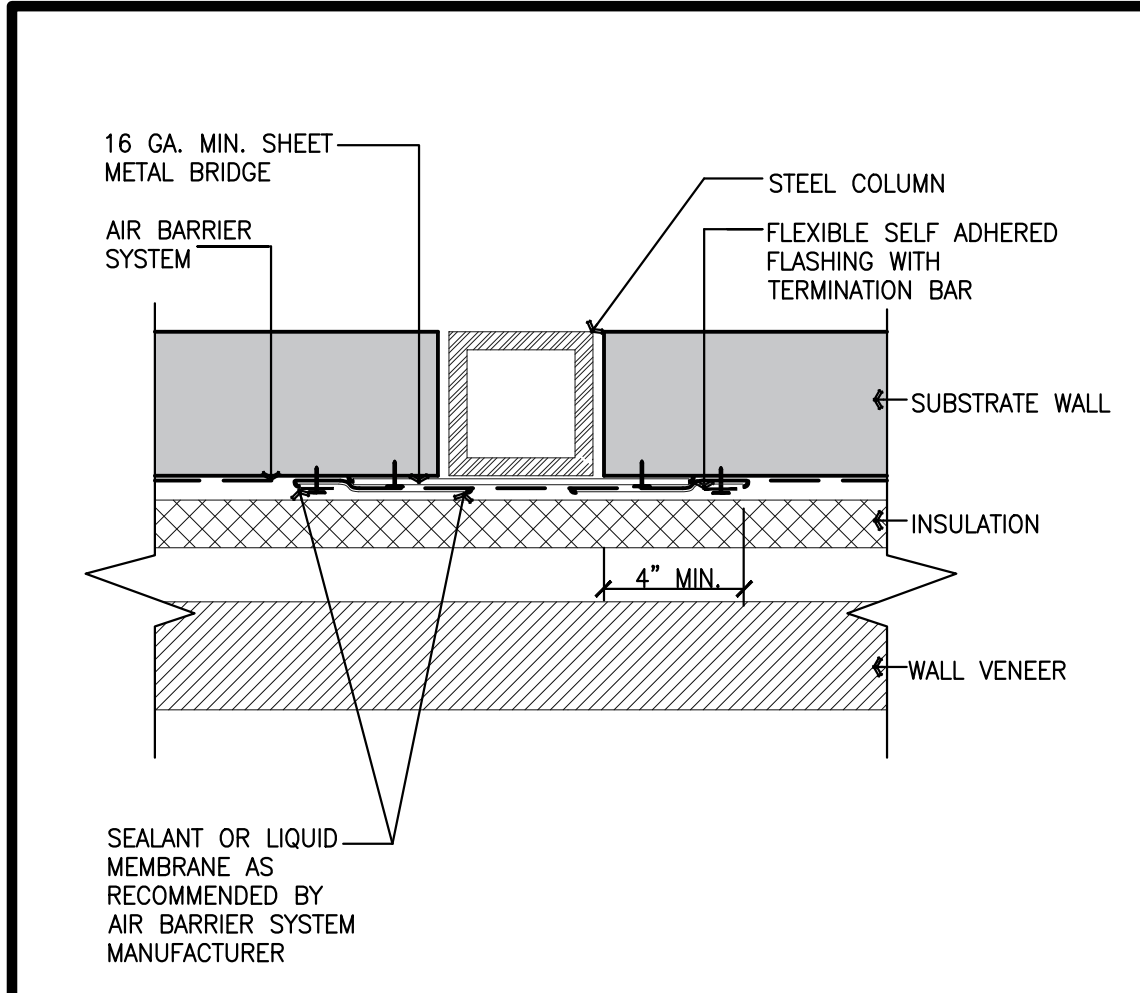
DATE: 04/26/19

DRAWING TITLE:  
**TYPICAL BUILDING ENVELOPE DETAILS**

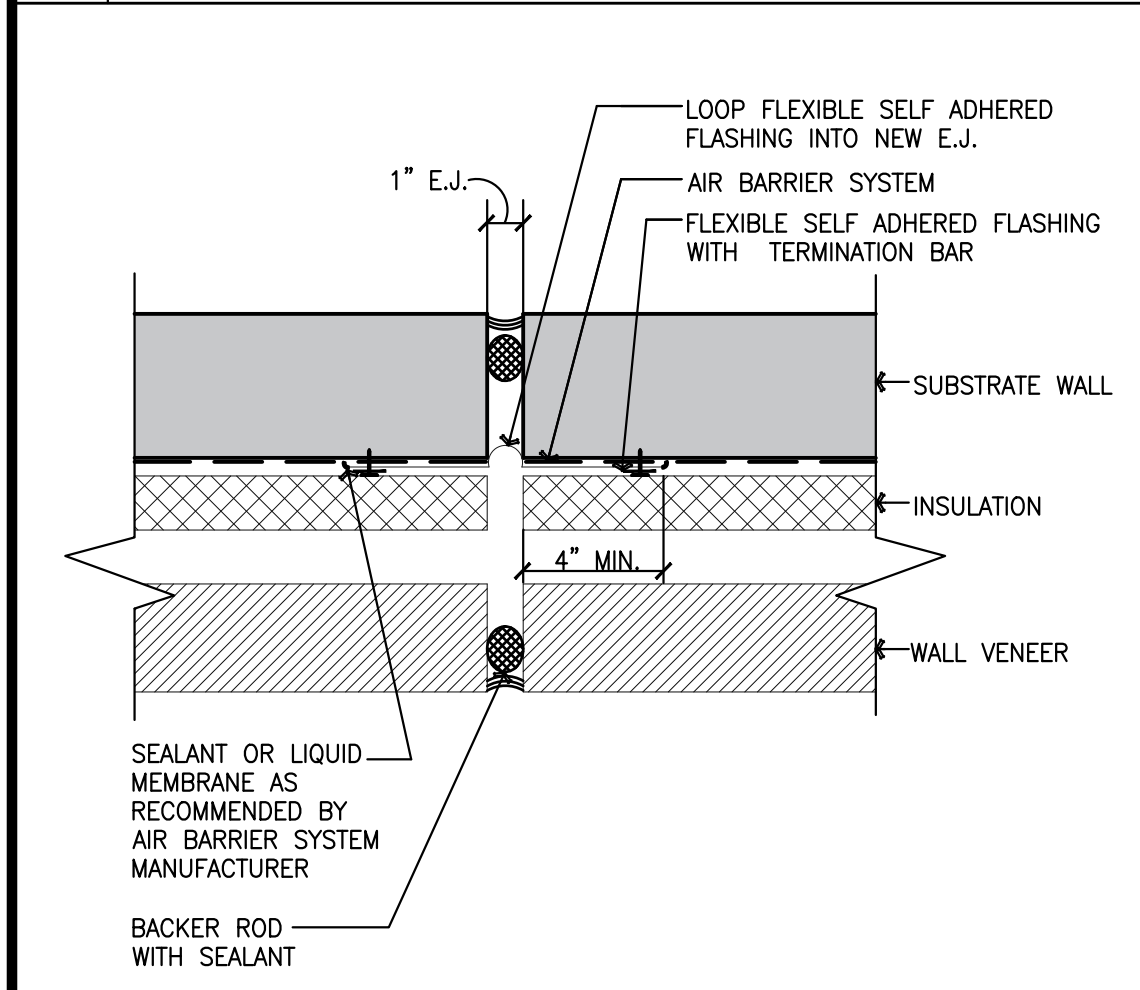
FILE NAME:  
JOB NO.: 1718  
DATE: 04/26/2019  
DRAWN BY: MG  
CHECKED BY: E.A. II / E.A. III  
SHEET:

**A5.00**

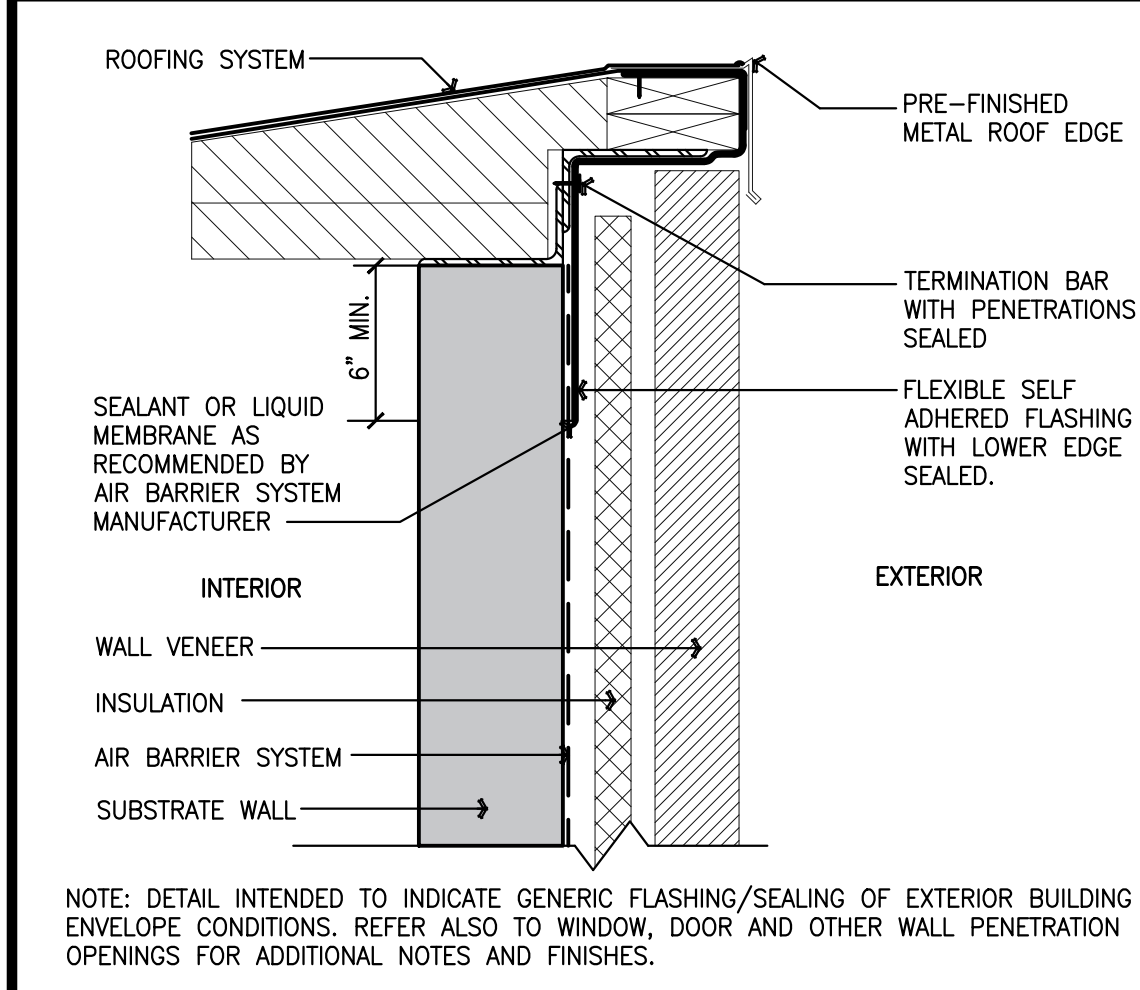
100% CD's - FOR CONSTRUCTION



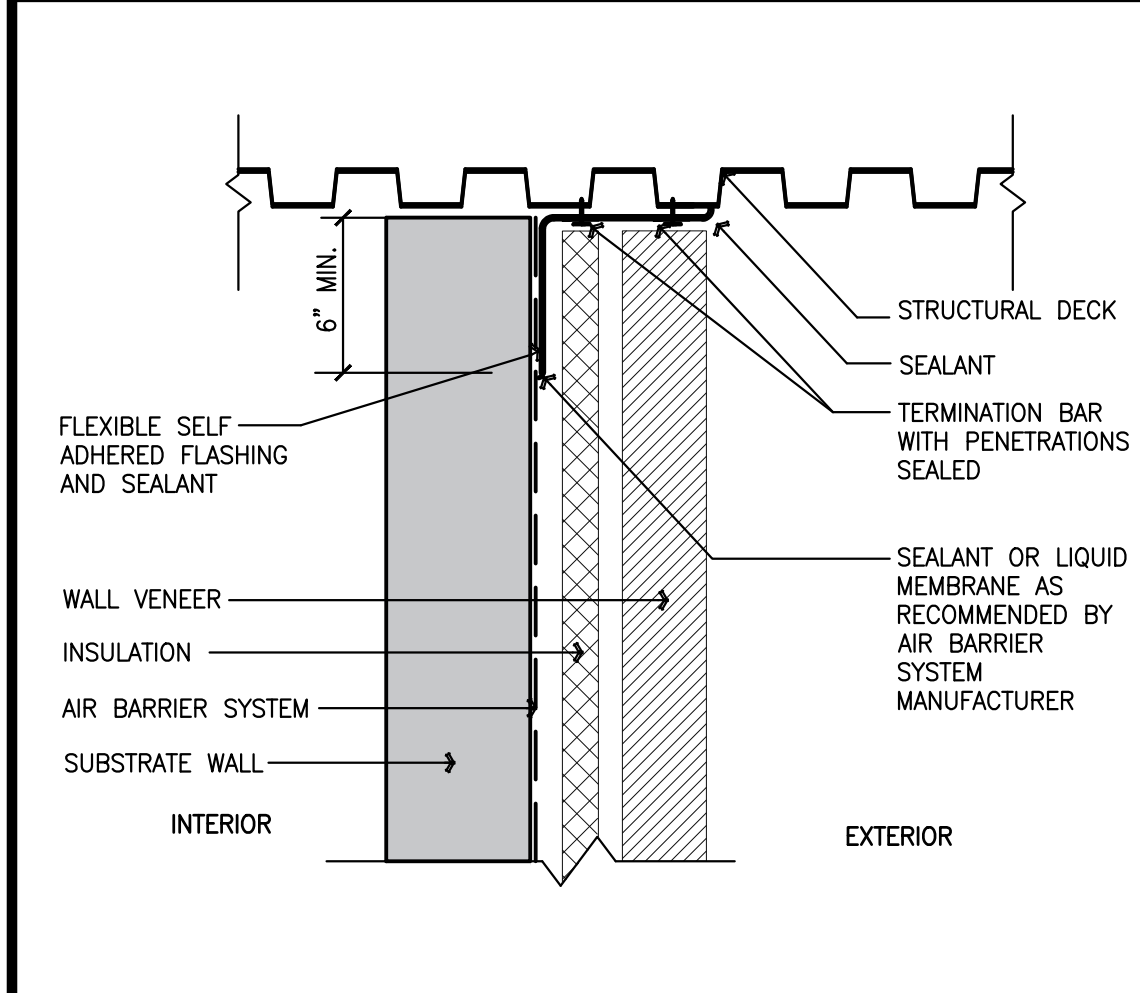
29 STEEL COLUMN CONNECTION



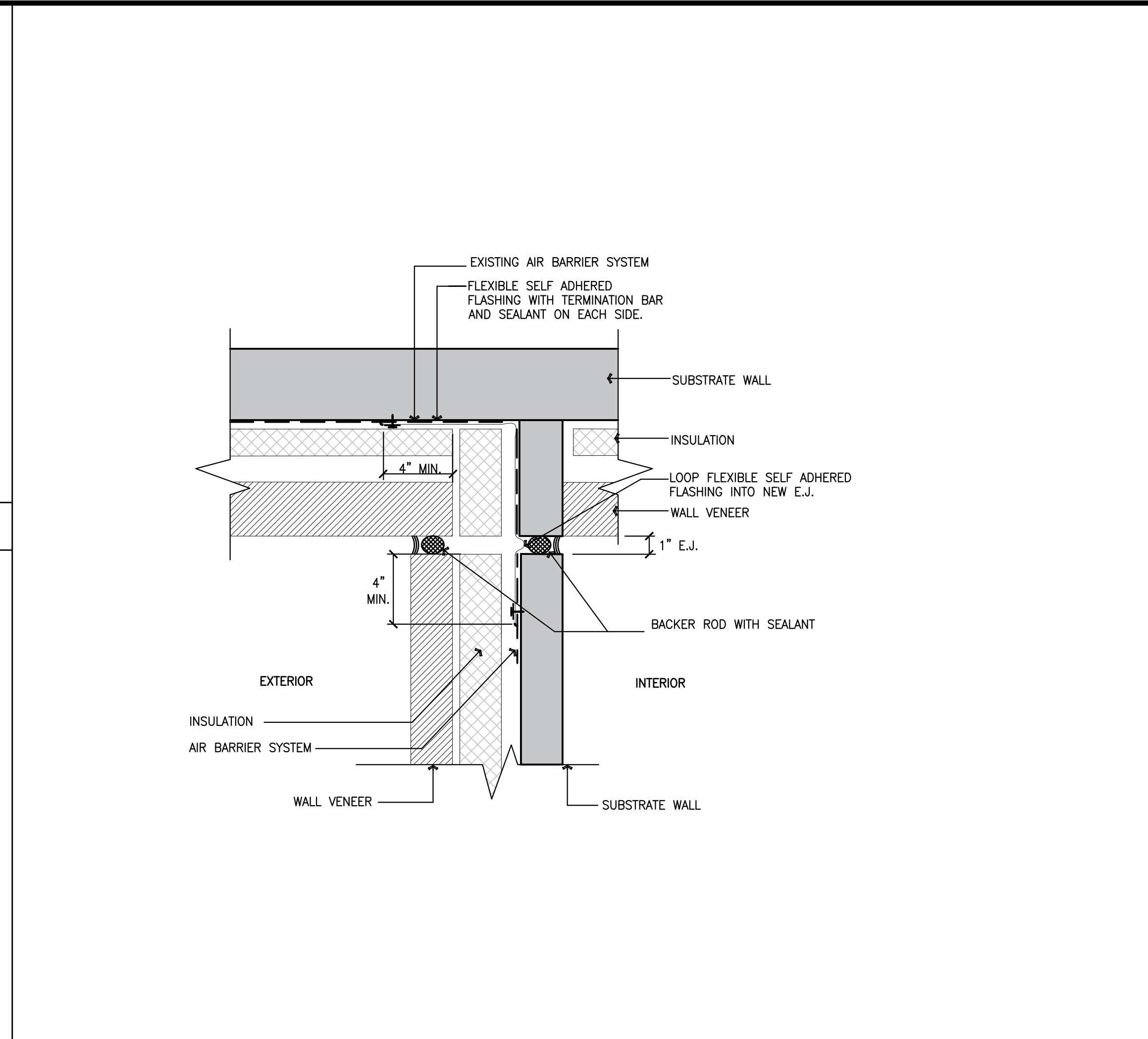
23 EXPANSION JOINT CONNECTION



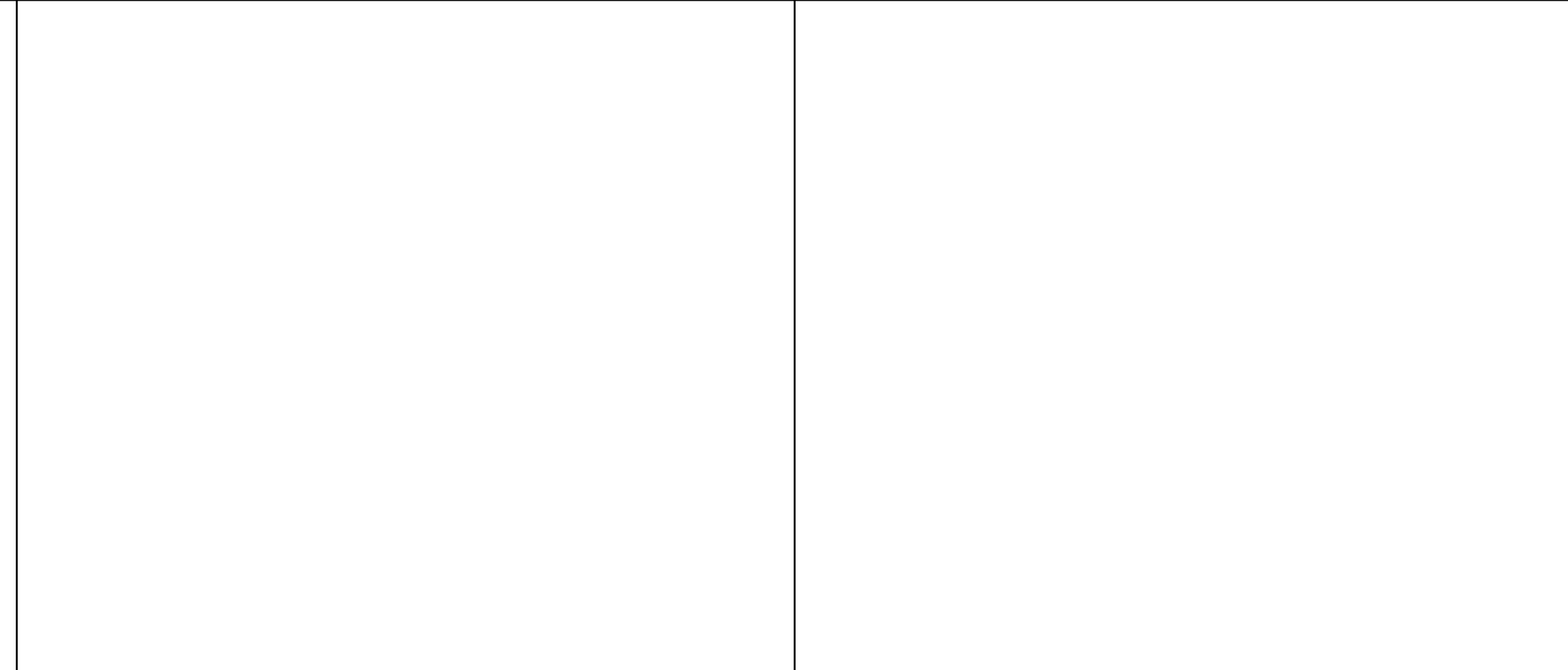
30 TOP OF WALL AT ROOF EDGE



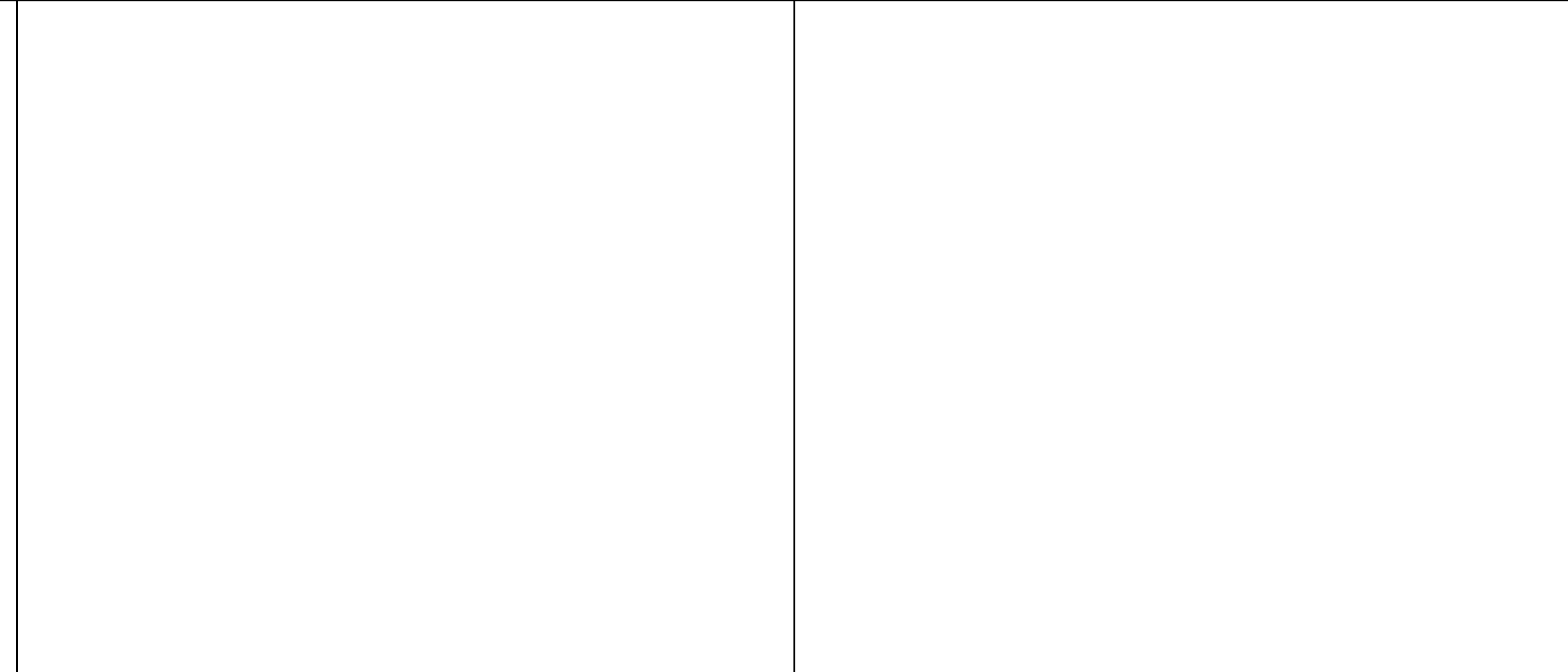
24 TOP OF WALL AT MTL. DECK



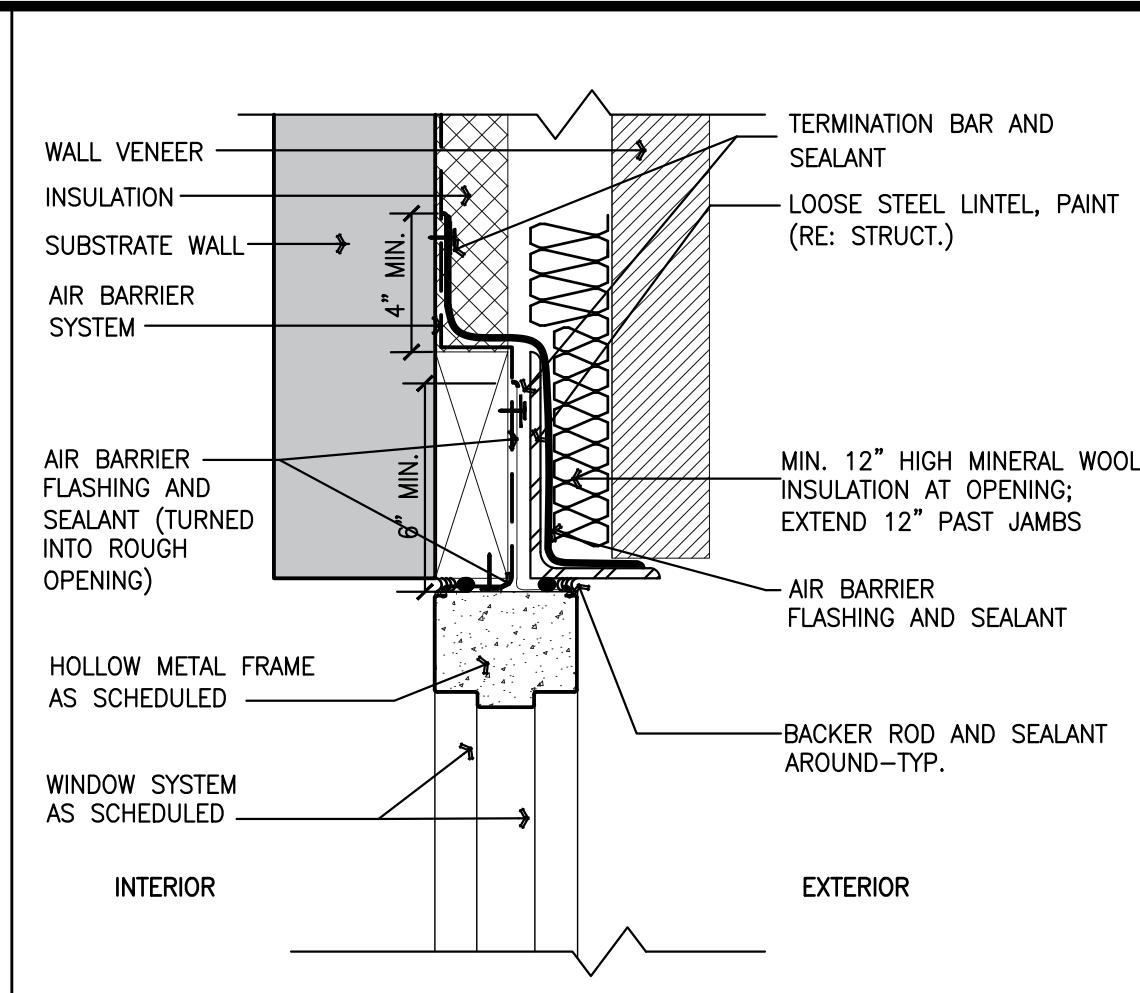
26 HEAD FLASHING - H.M. FRAME



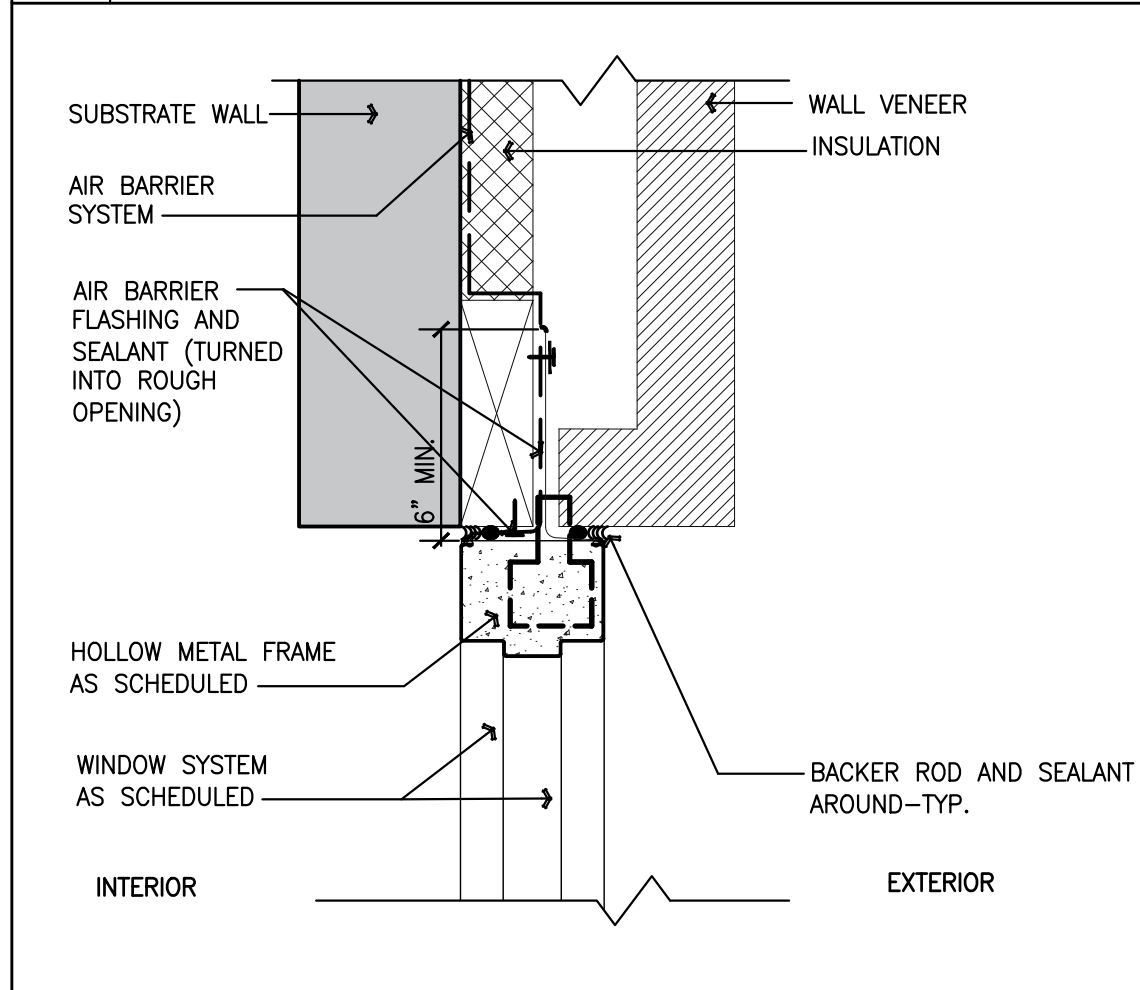
20 JAMB FLASHING - H.M. FRAME



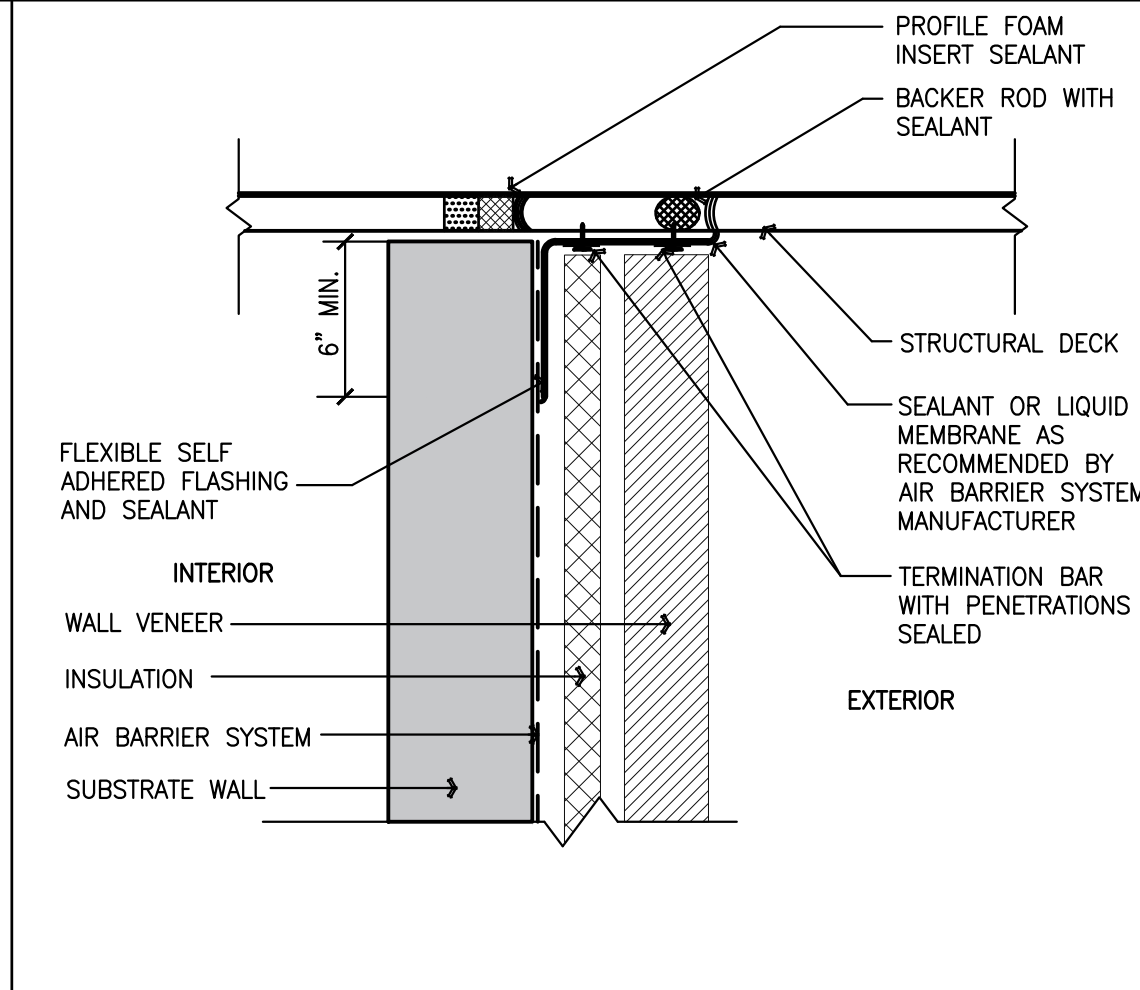
18 TOP OF WALL AT MTL. DECK



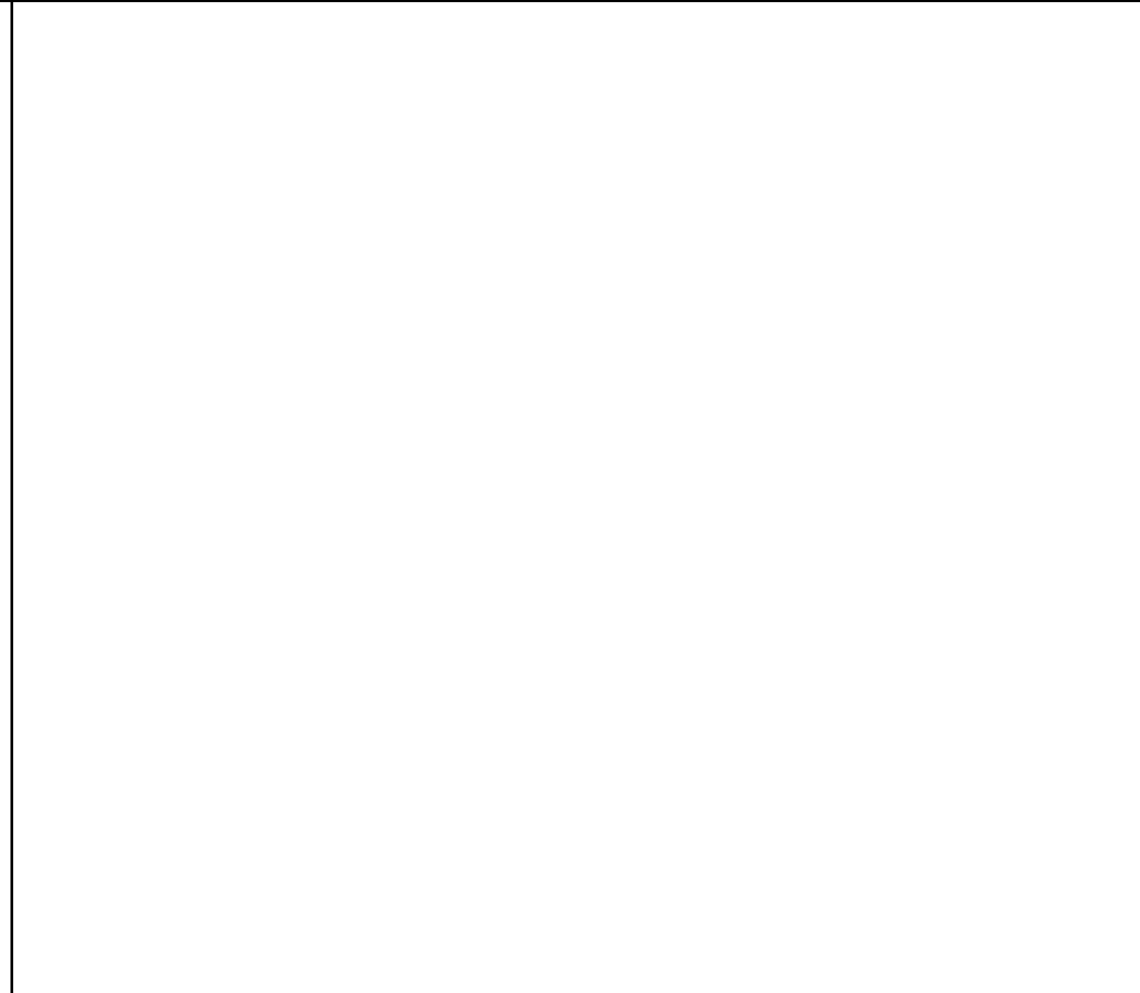
25 HEAD FLASHING - ALUM. FRAME



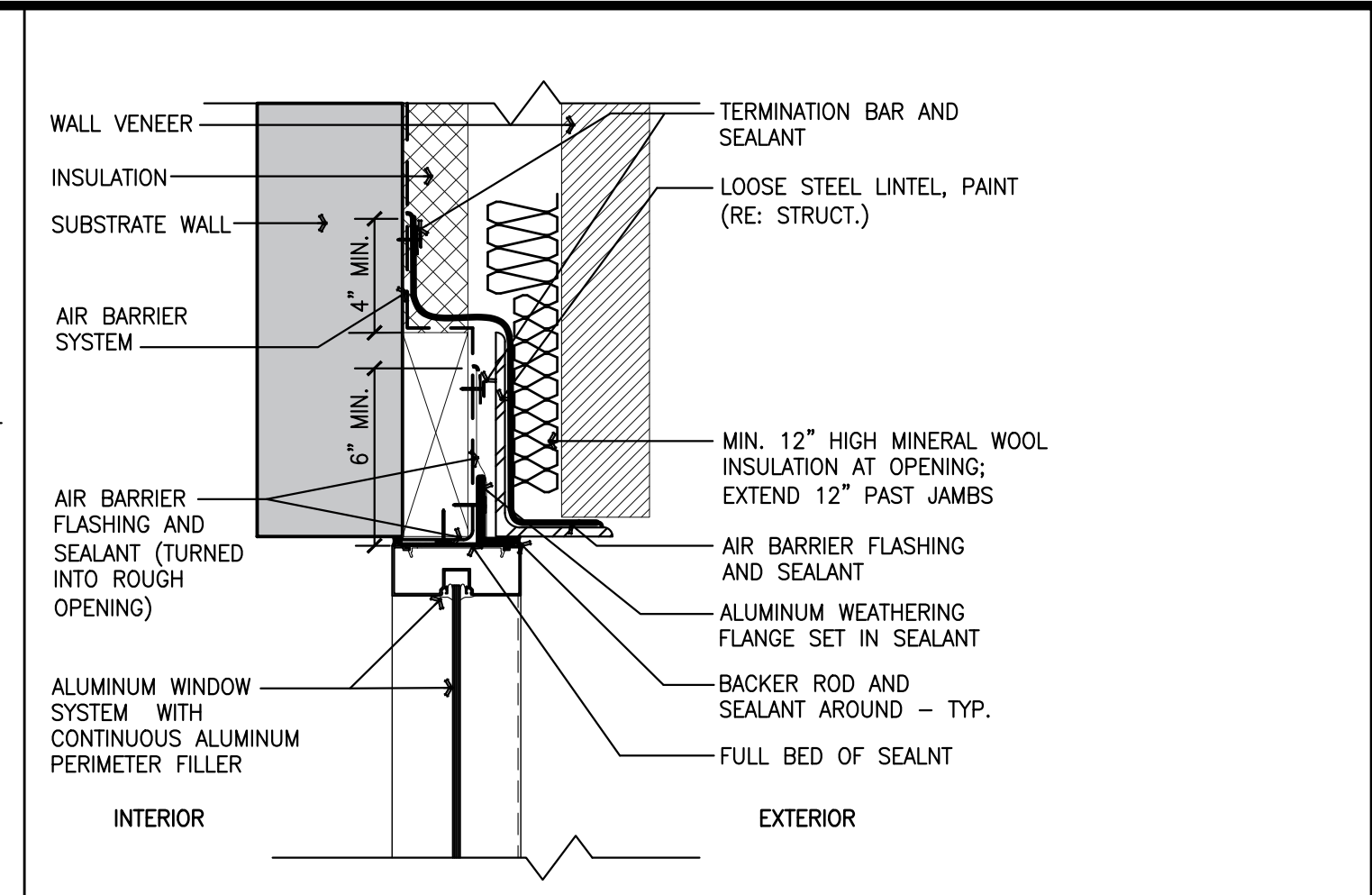
19 JAMB FLASHING - ALUM. FRAME



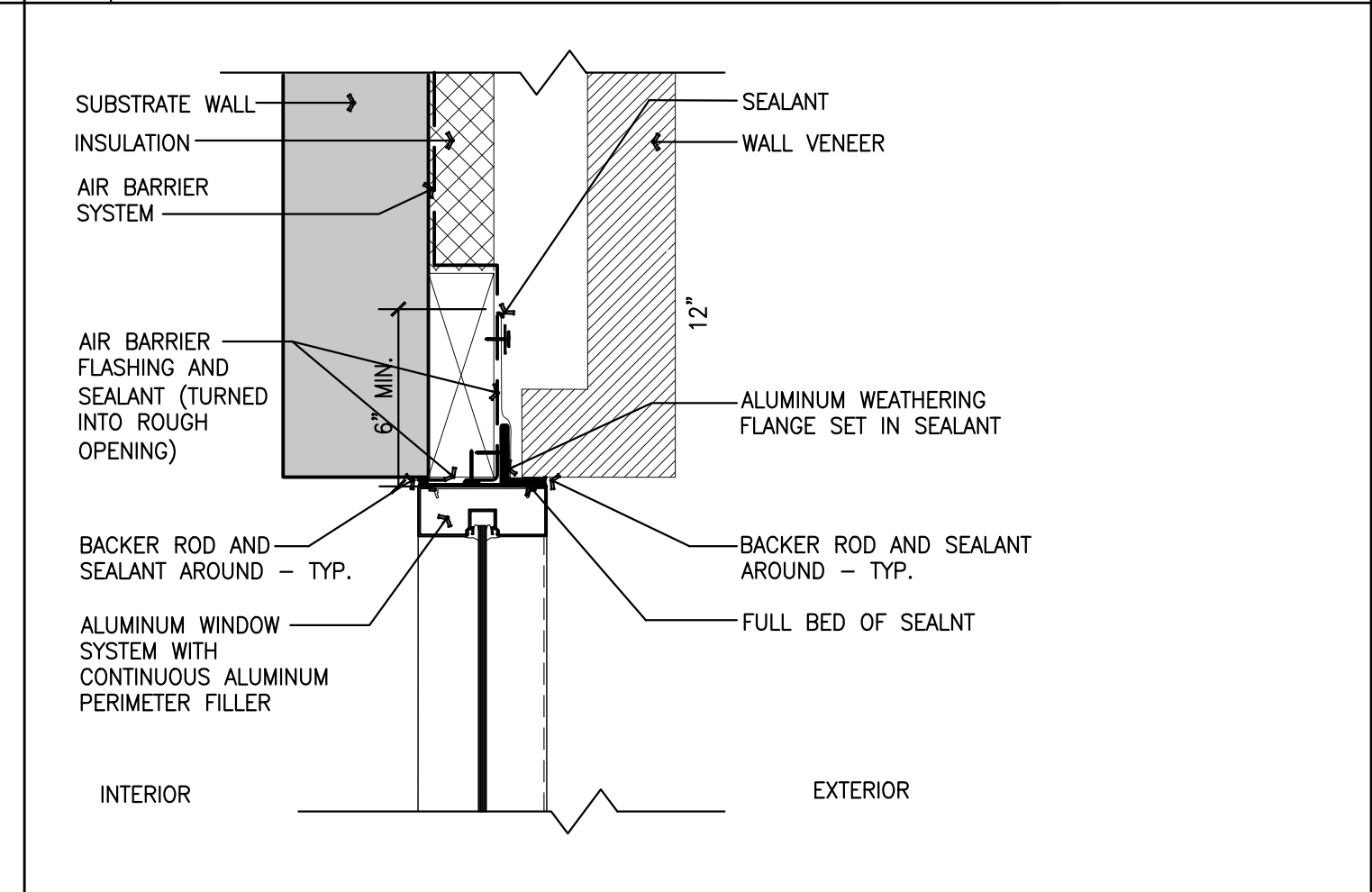
12 BASE OF MASONRY WALL



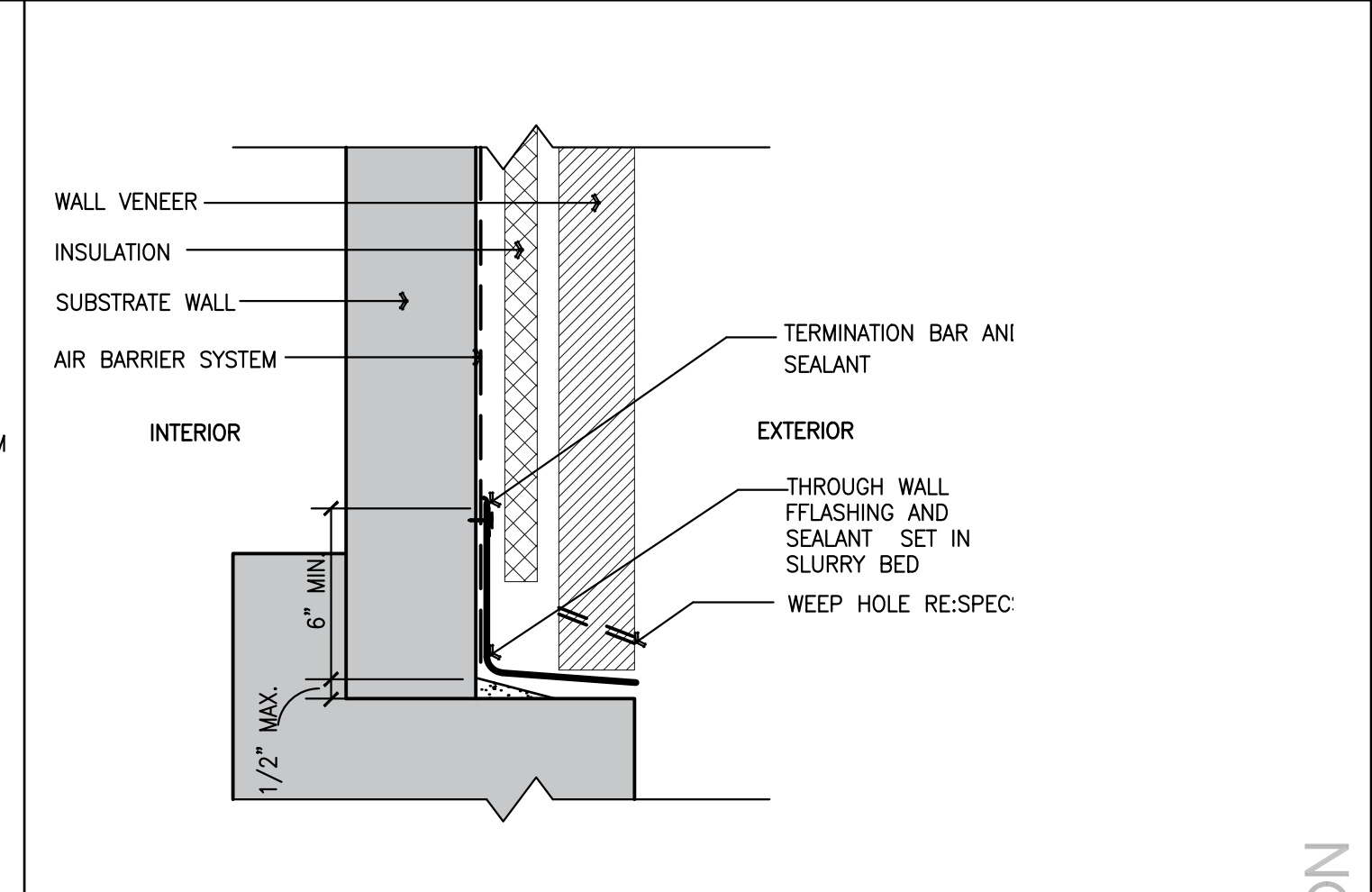
6 BASE OF METAL WALL PANEL



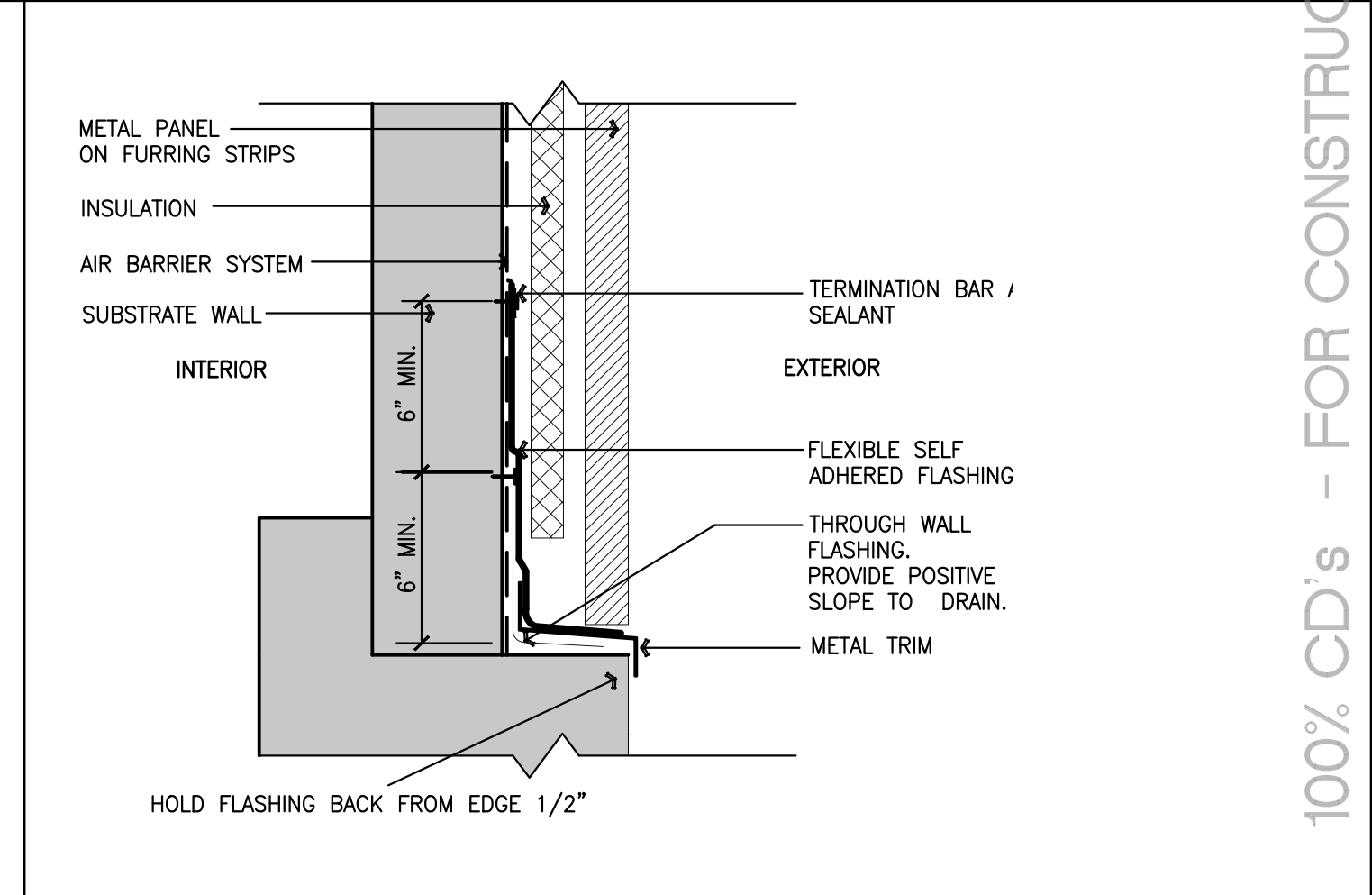
25 HEAD FLASHING - ALUM. FRAME



19 JAMB FLASHING - ALUM. FRAME



12 BASE OF MASONRY WALL



6 BASE OF METAL WALL PANEL

NO.	DESCRIPTION	DATE

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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS

DATE: 04/26/19

DRAWING TITLE:  
**TYPICAL BUILDING ENVELOPE DETAILS**

FILE NAME:  
 1718

JOB NO.:  
 1718

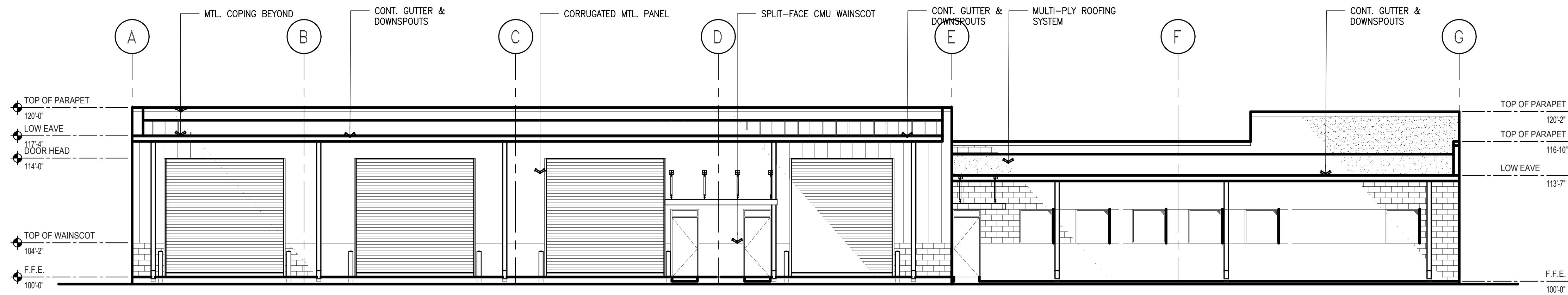
DATE:  
 04/26/2019

DRAWN BY:  
 MG

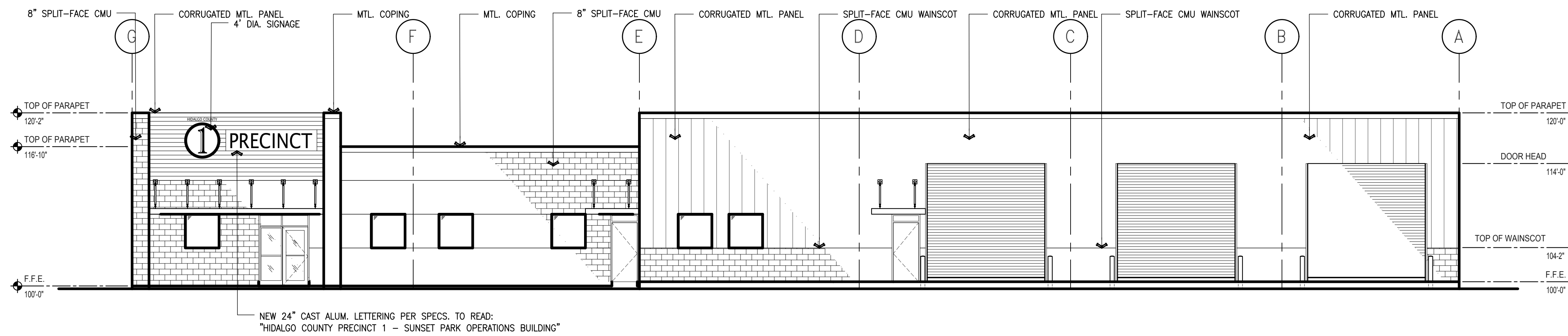
CHECKED BY:  
 E.A. II / E.A. III

SHEET:  
**A5.01**

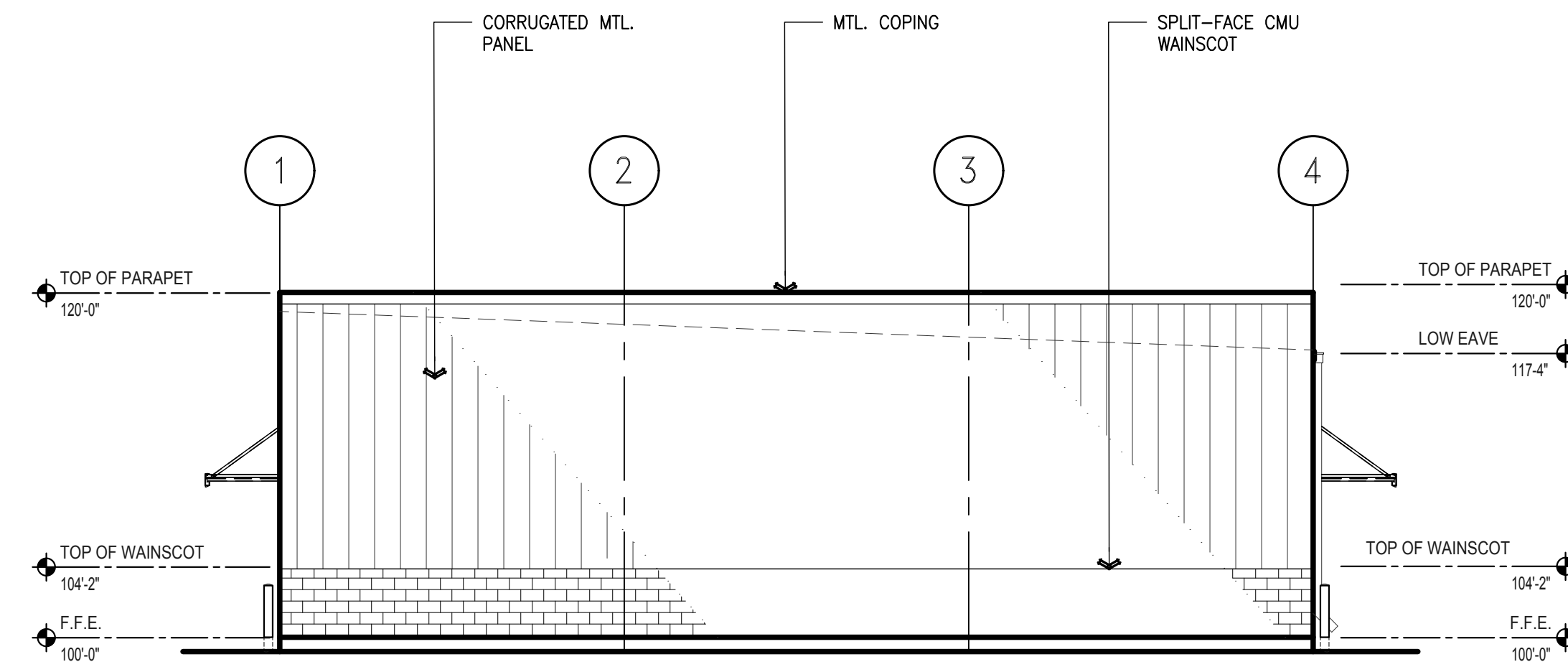
100% CD's - FOR CONSTRUCTION



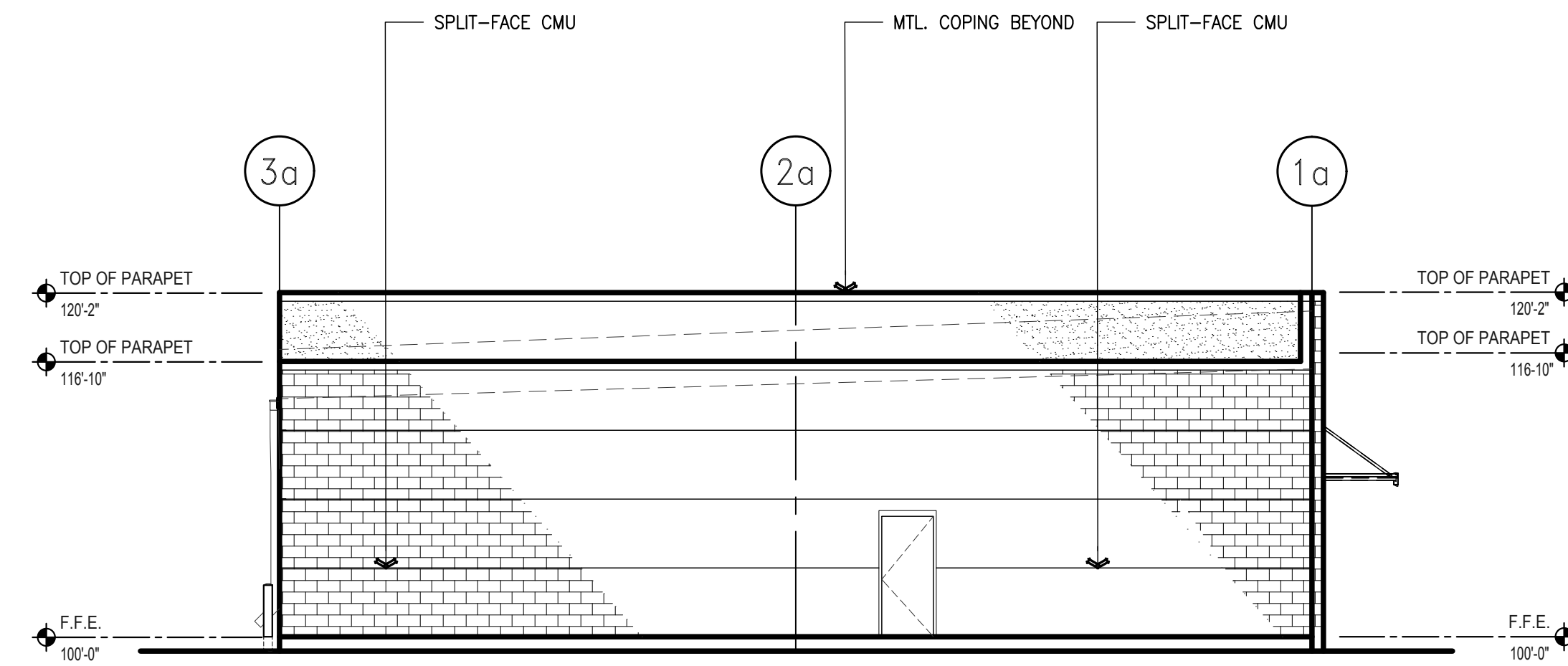
**15 NORTH ELEVATION**  
Scale: 1/8" = 1'-0"



**10 SOUTH ELEVATION**  
Scale: 1/8" = 1'-0"



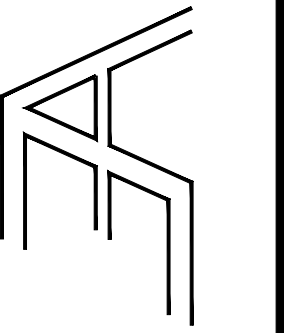
**5 WEST ELEVATION**  
Scale: 1/8" = 1'-0"



**3 EAST ELEVATION**  
Scale: 1/8" = 1'-0"

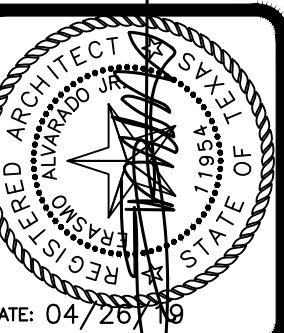
NO.	DESCRIPTION	DATE

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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS



DATE: 04/26/19

DRAWING TITLE:  
**ELEVATIONS**

FILE NAME:

JOB NO.: 1718

DATE: 04/26/2019

DRAWN BY: MG

CHECKED BY: E.A. II / E.A. III

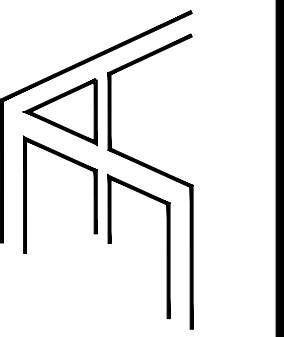
SHEET:

**A6.00**

100% CD'S - FOR CONSTRUCTION

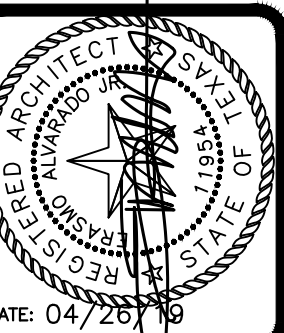
NO.	DATE	REVISIONS

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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS



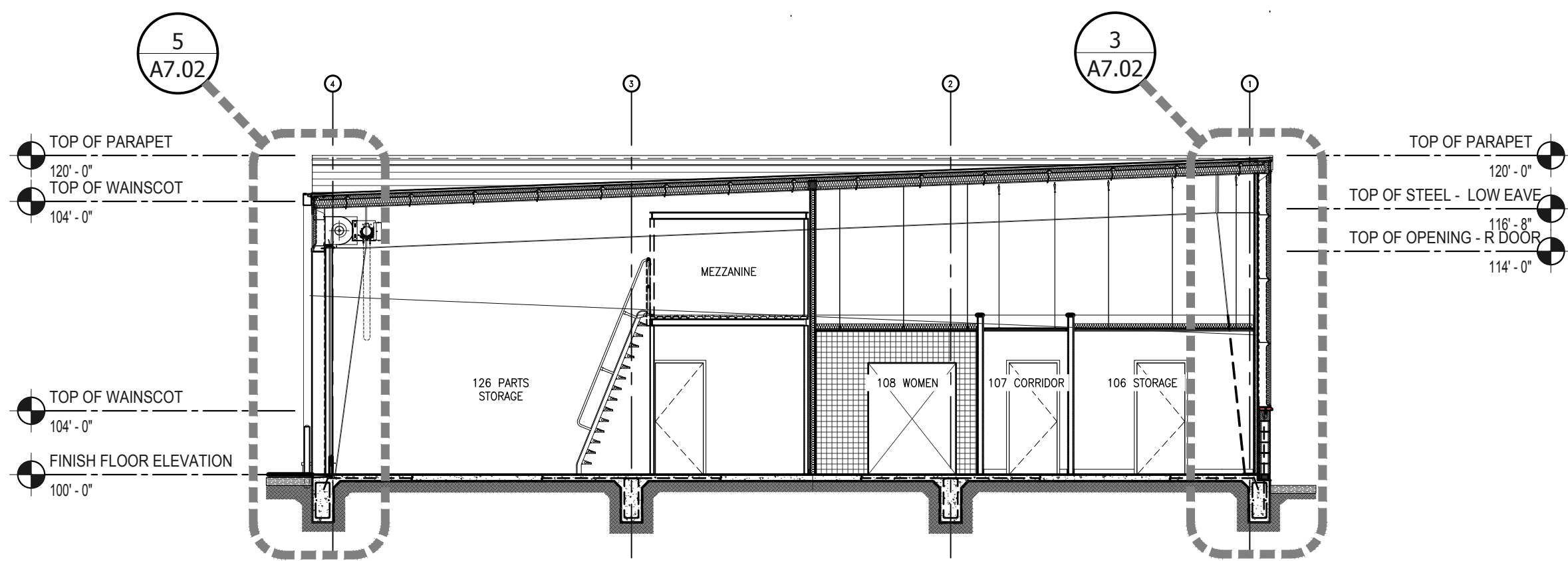
DRAWING TITLE:  
**BUILDING SECTIONS**

FILE NAME:  
 JOB NO.: 1718  
 DATE: 04/26/2019  
 DRAWN BY: MG  
 CHECKED BY: E.A. II / E.A. III  
 SHEET:

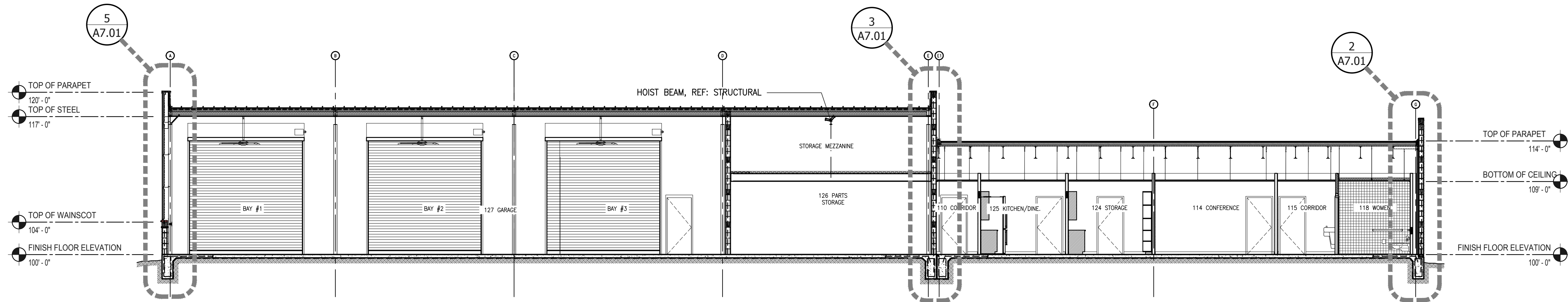
**A7.00**

100% CD's - FOR CONSTRUCTION

**15** NOT USED  
 Scale: N.T.S.

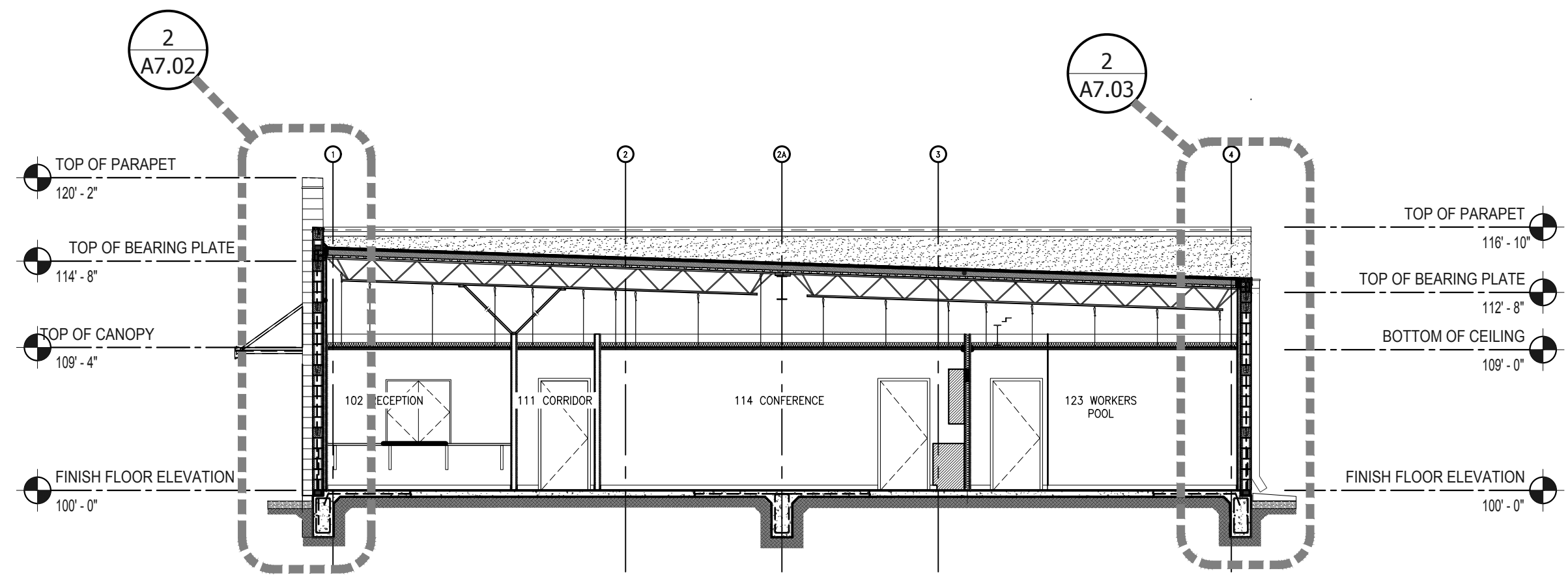


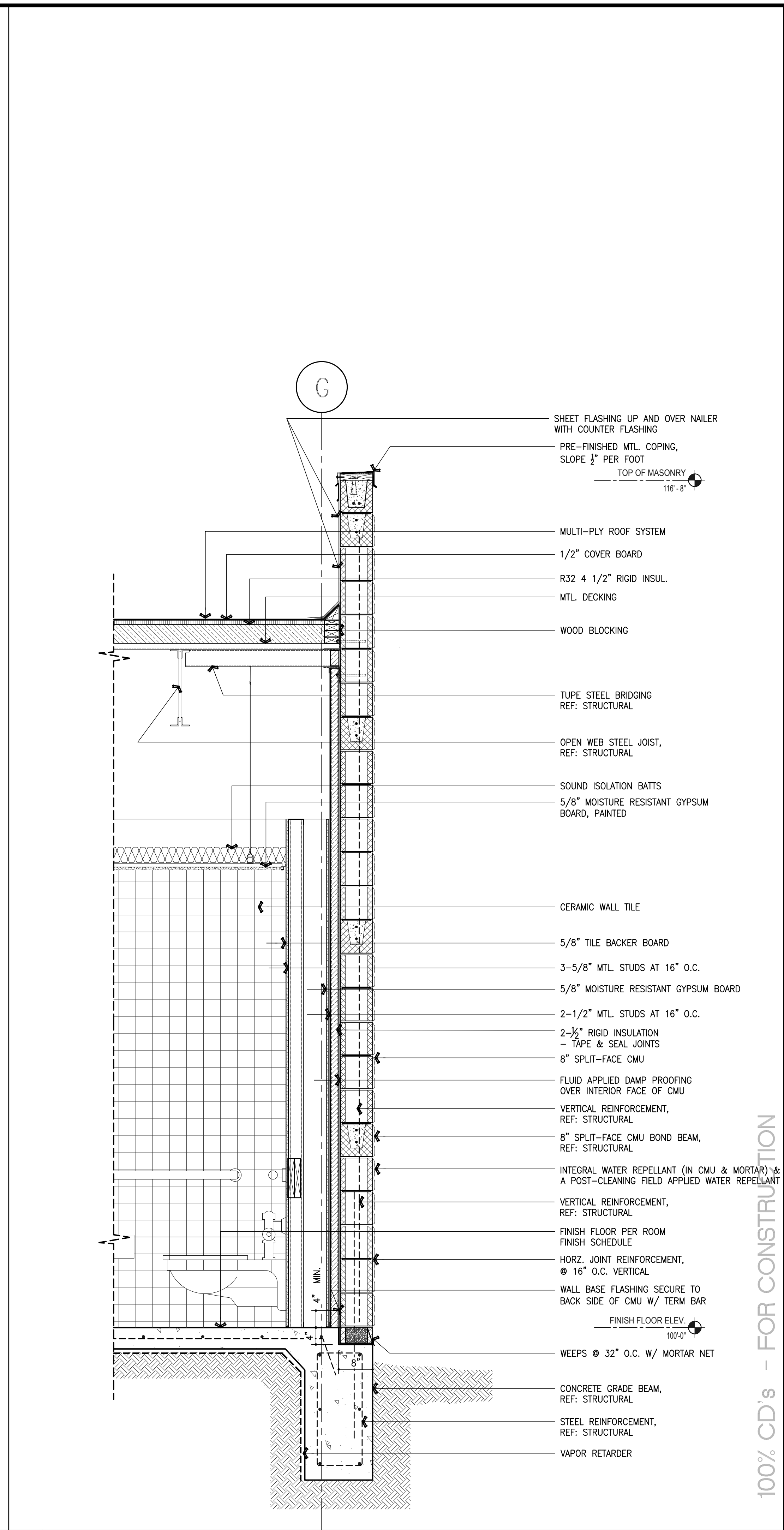
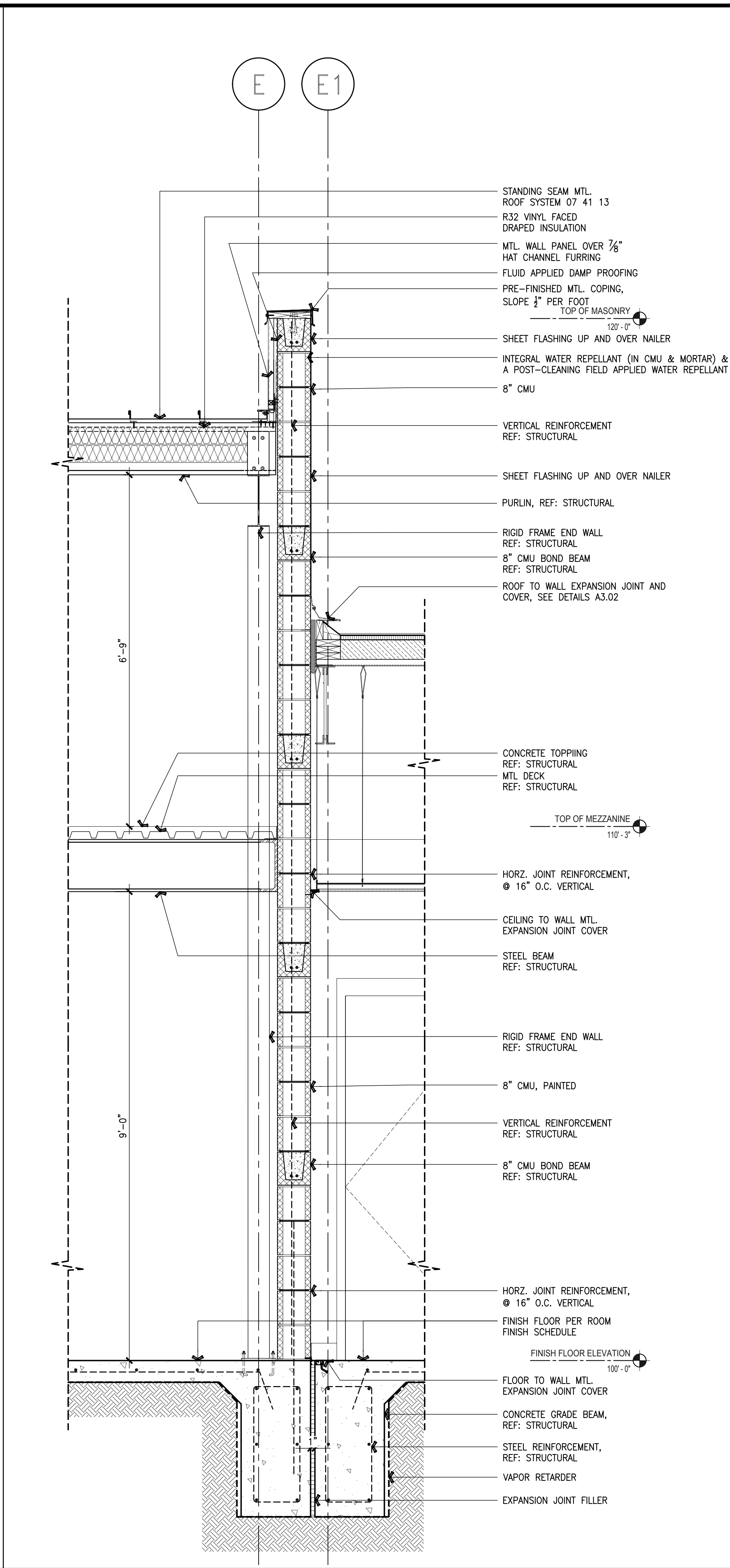
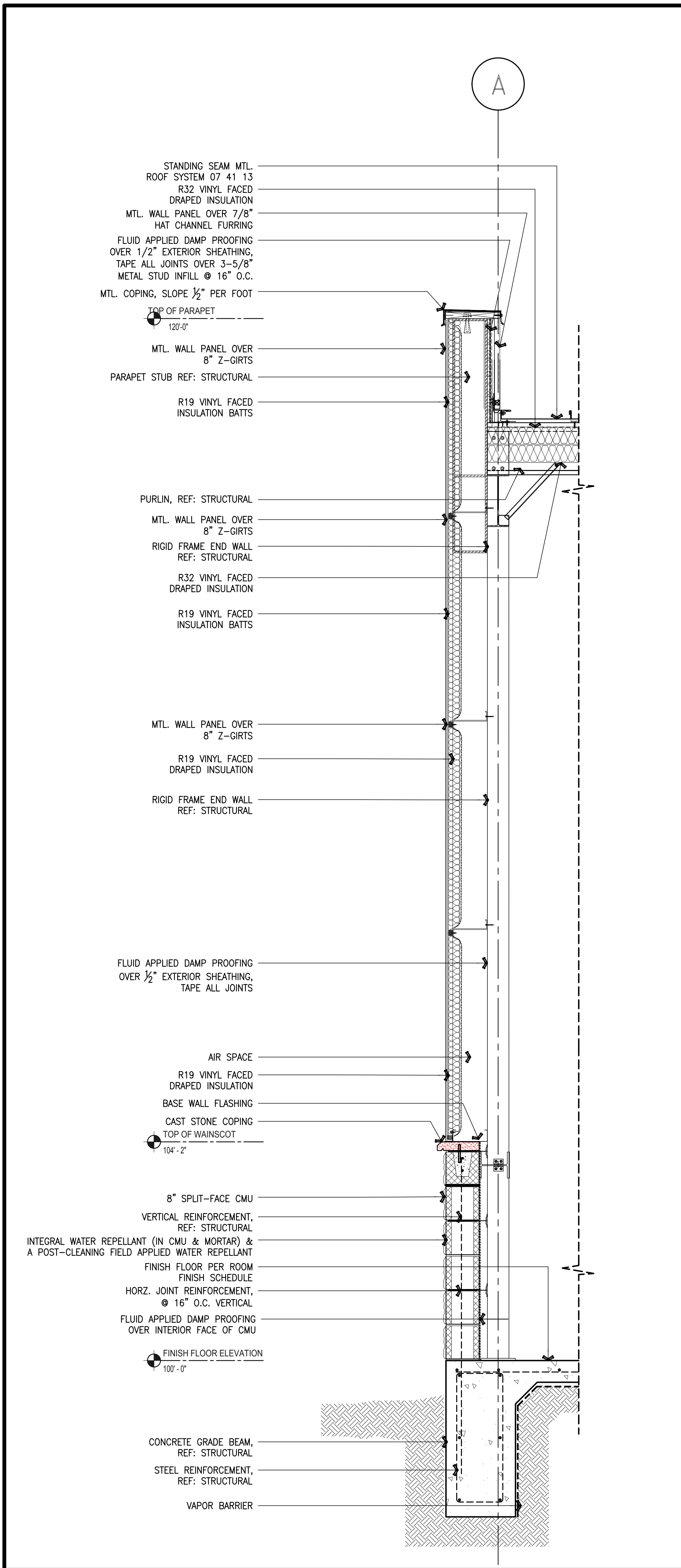
**10** BUILDING SECTION  
 Scale: 1/8" = 1'-0"



**5** BUILDING SECTION  
 Scale: 1/8" = 1'-0"

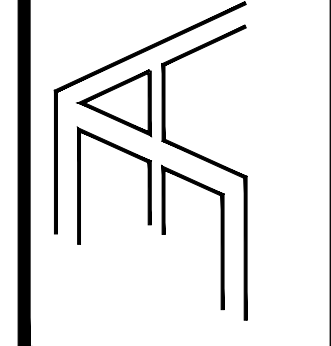
**7** BUILDING SECTION  
 Scale: 1/8" = 1'-0"





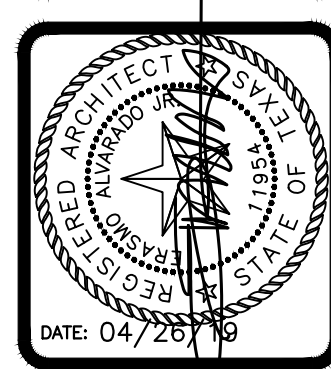
REVISIONS


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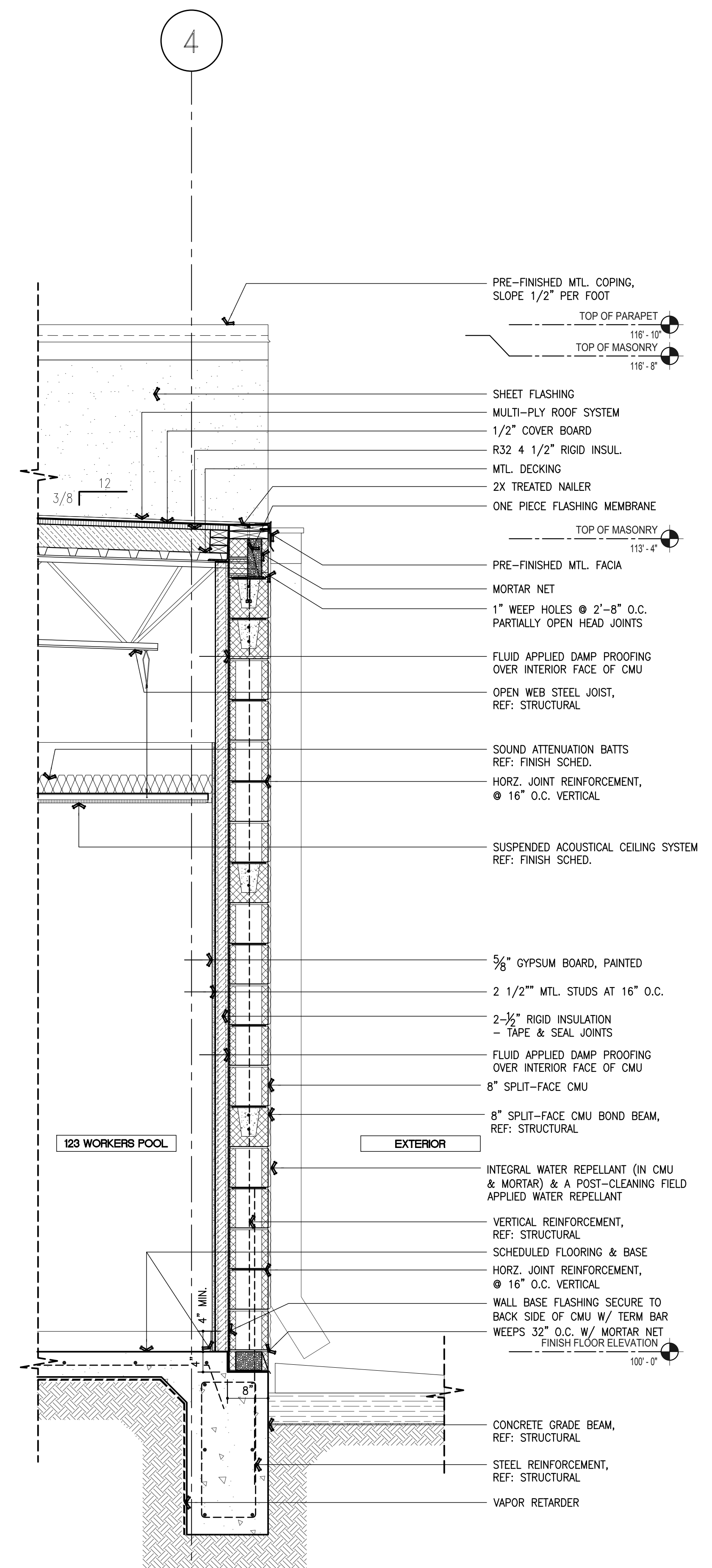
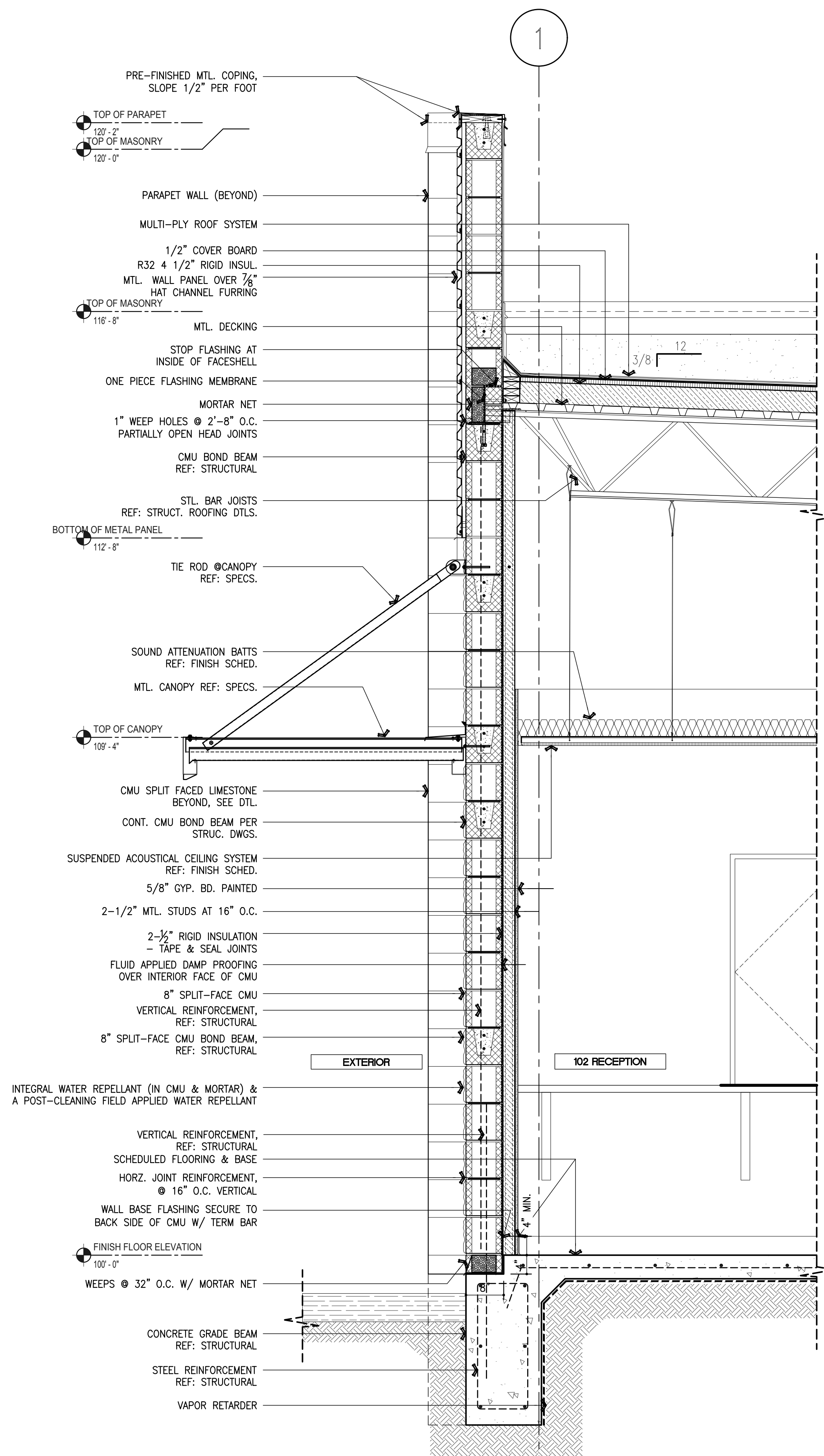
**HIDALGO COUNTY, PCT. 1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDER, TEXAS



DATE: 04/26/19  
DRAWING TITLE: WALL SECTIONS  
FILE NAME:  
JOB NO.: 1718  
DATE: 04/26/2019  
DRAWN BY: MG  
CHECKED BY: E.A. IJ/ E.A. III  
SHEET: A7.01

100% CD's - FOR CONSTRUCTION

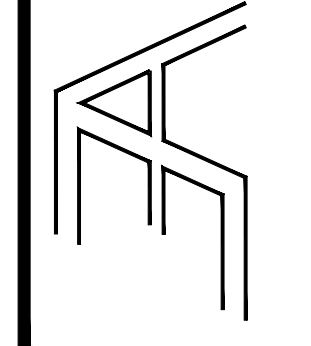




100% CD's - FOR CONSTRUCTION

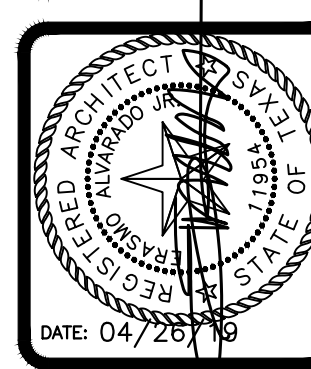
REVISIONS	

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**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS



DATE: 04/26/19

DRAWING TITLE:  
**WALL SECTIONS**

FILE NAME:  
1718

JOB NO.:  
1718

DATE:  
04/26/2019

DRAWN BY:  
MG

CHECKED BY:  
E.A. II / E.A. III

SHEET:  
**A7.03**

**BRACING NOTES:**

1. AT WALLS THAT TERMINATE ABOVE CEILING, CONTRACTOR MAY CONTINUE METAL STUD FRAMED WALLS TO UNDERSIDE OF METAL DECK AND OMIT DIAGONAL BRACING IF HEIGHT DOES NOT EXCEED LIMITING HEIGHT OF METAL STUD AS INDICATED ON CHART BELOW.
2. PROVIDE INTERMEDIATE BRACING AT ALL PARTITIONS THAT EXCEED LIMITING HEIGHT OF METAL STUDS AS INDICATED ON CHART BELOW.
3. ALL BRACING SHALL BE AT STUD POINTS.

**TERMINATION NOTES:**

1. AT ALL RATED PARTITIONS, FILL VOIDS IN METAL DECK AT TOP OF PARTITIONS WITH FIRESAFING.

**CMU PARTITION NOTES:**

1. LOCATE CONTROL JOINTS IN CMU PARTITIONS AS FOLLOWS: (UNLESS NOTED OTHERWISE BY STRUCTURAL ENGINEER)
  - A. PARTITIONS EXCEEDING 25'-0".
  - B. WHERE A PARTITION ABUTS A STRUCTURAL ELEMENT OR DISSIMILAR WALL.
  - C. AT EXPANSION JOINTS
  - D. REFER TO DETAILS FOR ADDITIONAL LOCATIONS
2. REFER TO WALL SECTIONS FOR THE USE OF STARTER COURSES AT THE BASE OF INTERIOR PARTITIONS.
3. PROVIDE CMU LINTELS FOR ALL OPENINGS IN INTERIOR CMU PARTITIONS. COORDINATE WITH STRUCTURAL.
4. PROVIDE A 3/4" SPACE BETWEEN TOP OF CMU AND STRUCTURE/DECK FOR POTENTIAL DEFLECTION. SEAL WITH APPROPRIATE CAULK.

**GYPSUM WALLBOARD PARTITION NOTES:**

1. ALL METAL STUDS PARTITIONS ARE 25 GAUGE METAL STUDS AT 16" O.C. UNLESS OTHERWISE NOTED. IF THE LIMITING HEIGHT FOR A PARTITION TYPE IS EXCEEDED, INCREASE SIZE AND/OR GAUGE OF METAL STUDS AS INDICATED ON "LIMITING HEIGHT OF METAL STUDS" TABLE. NOTIFY THE ARCHITECT PRIOR TO INSTALLATION.
  2. WHEN CERAMIC TILE IS APPLIED TO GYP. BOARD PARTITIONS, PROVIDE 20 GAUGE METAL STUDS INSTEAD OF 25 GAUGE.
3. SET ALL FLOOR TRACKS ON A CONTINUOUS RIBBON OF SEALANT.
  4. AT PARTITIONS DESIGNATED TO HAVE SOUND ATTENUATION BLANKETS:
    - A. PROVIDE 3-1/2" OR 6" THICK SOUND ATTENUATION BLANKETS OR BATTS FOR FULL HEIGHT OF PARTITION, UNLESS NOTED OTHERWISE.
    - B. FILL ALL DECK VOIDS WITH SOUND ATTENUATION MATERIAL.
    - C. SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH ACOUSTICAL SEALANT.
    - D. TAPE & BED OR CAULK ALL JOINTS BETWEEN 1ST AND 2ND LAYERS OF SHEET ROCK AND AT ALL SOUND RATED WALLS TAKEN THROUGH THE CEILING.
    - E. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT BOTTOM OF PARTITION ON BOTH SIDES AT NON-RATED PARTITIONS AND PROVIDE CONTINUOUS FIRE RATED SEALANT AT FIRE-RATED PARTITIONS.
  5. DAMP LOCATIONS AT GYP. BOARD PARTITIONS:
    - A. PROVIDE TILE BACKER BOARD ON WALLS BEHIND AND ADJACENT TO PLUMBING FIXTURES, AND BEHIND ALL CERAMIC TILE.
  6. RIGIDLY BRACE ALL DOOR JAMBS, AT THE HINGE & STRIKE SIDES.
  7. LOCATE CONTROL JOINTS IN GYP. BOARD PARTITIONS AS FOLLOWS:
    - A. PARTITIONS OR FURRING RUNS EXCEEDING 30'-0"
    - B. WHERE A PARTITION ABUTS A STRUCTURAL ELEMENT OR DISSIMILAR WALL.
    - C. CONSTRUCTION CHANGES WITHIN PLANE OF PARTITION.
    - D. AT EXPANSION OR CONTROL JOINTS THAT OCCUR THROUGHOUT THE BUILDING ITSELF.
    - E. AT BOTH JAMBS OF INTERIOR AND EXTERIOR DOOR AND WINDOW FRAMES.
  8. FIRE RATED PARTITIONS
    - A. PROVIDE TYPE "X" FIRE RESISTIVE GYPSUM BOARD, 5/8" THICK UNLESS NOTED OTHERWISE.
    - B. FILL ALL VOIDS AT DECK WITH FOAM FIRESTOP SEALANT.
    - C. SEAL PARTITION PERIMETER AND ALL PENETRATIONS WITH RATED SEALANT.
    - D. REFER TO UL RATED PARTITION DESCRIPTIONS FOR DETAILED CONSTRUCTION NOTES.
  9. PROVIDE DEFLECTION TRACK AT STUD CONNECTION AT BOTTOM OF DECK AND FILL VOIDS AS REQ.

LIMITING HEIGHT OF METAL STUDS			
STUD SIZE	SPACING	25 GA.	20 GA.
2-1/2"	16"	11'-3"	12'-10"
3-5/8"	16"	14'-4"	16'-5"
6"	16"	19'-9"	24'-6"

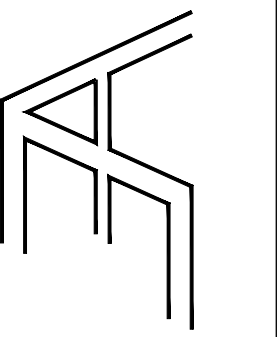
NOTE: THE TABLE INDICATED ABOVE IS BASED ON "DIETRICH" LIMITING HEIGHT CHART AND IS TO BE USED AS A GUIDE FOR INTERIOR WALL CONSTRUCTION. TABLE IS BASED WITH SHEATHING BOARD ON BOTH SIDES.

**HOW TO USE THIS SHEET:**

1. NOT EVERY PARTITION TYPE SHOWN IS NECESSARILY INTENDED FOR THE USE ON THIS PROJECT. REFER TO FLOOR PLANS FOR REFERENCE MARKS INDICATING APPLICABLE PARTITION TYPES.
2. REFER TO BRACING DETAILS FOR SUPPORT OF THE TOP OF EACH PARTITION TYPE AND BRACING OF PARTITIONS THAT EXCEED LIMITING HEIGHT OF PARTITION TYPES.

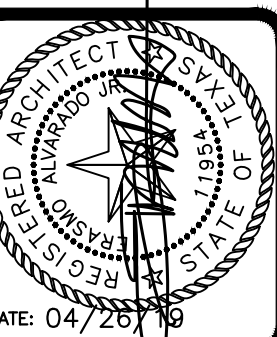
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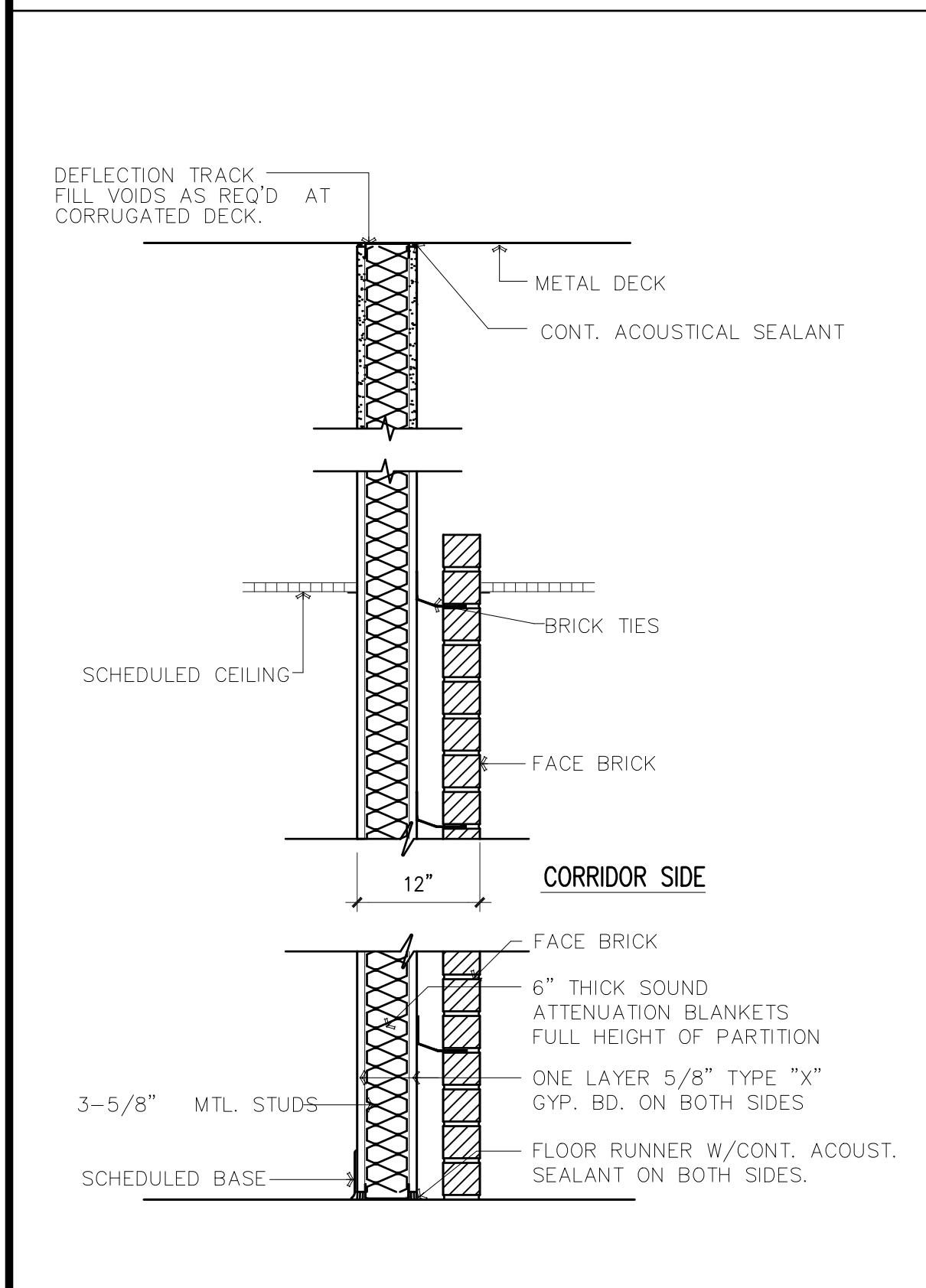
**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS



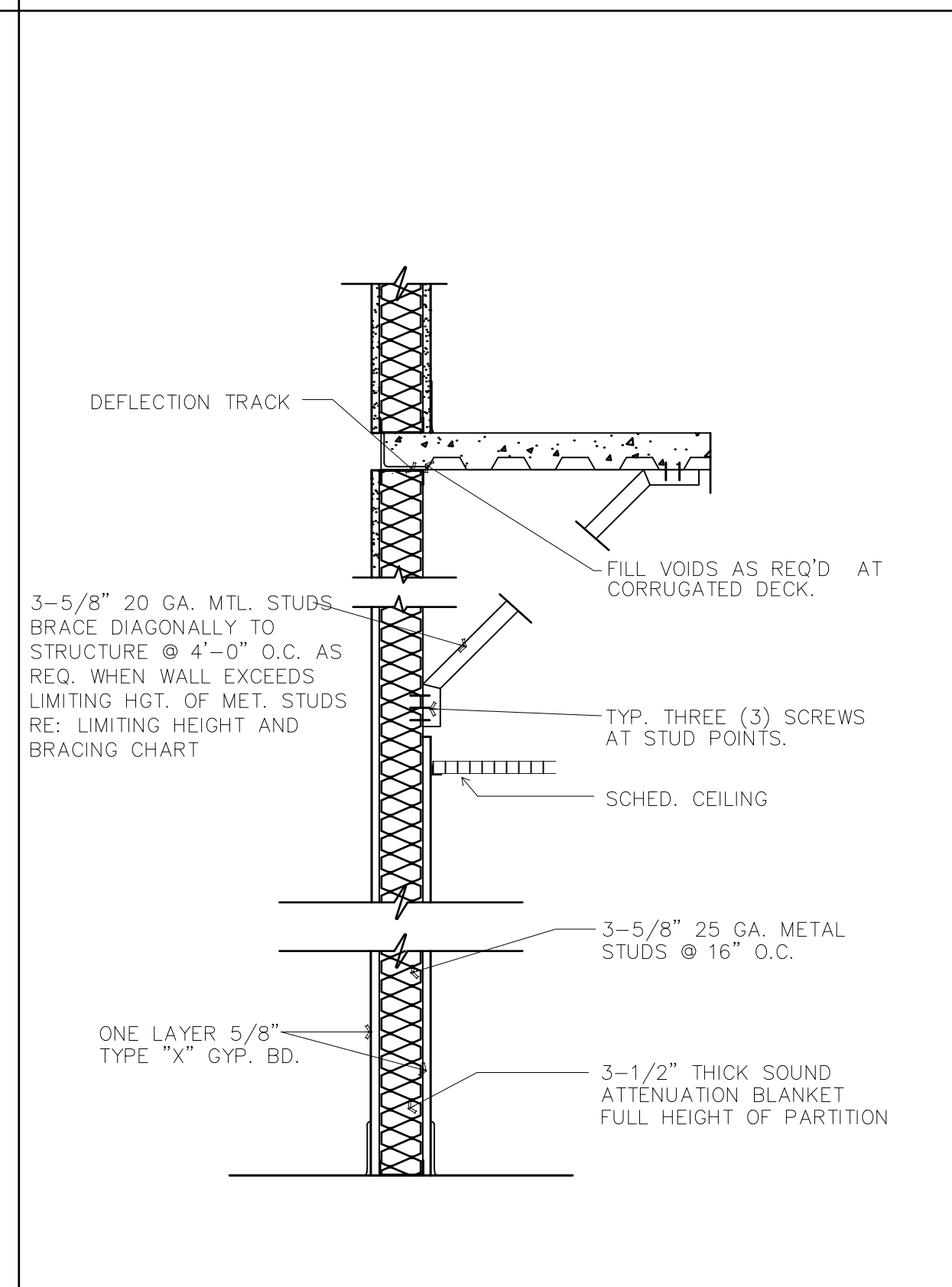
DRAWING TITLE:  
 TYPICAL PARTITION TYPES  
 FILE NAME:  
 JOB NO.: 1718  
 DATE: 04/26/2019  
 DRAWN BY: MG  
 CHECKED BY: E.A. / E.A. III  
 SHEET:

**A7.04**

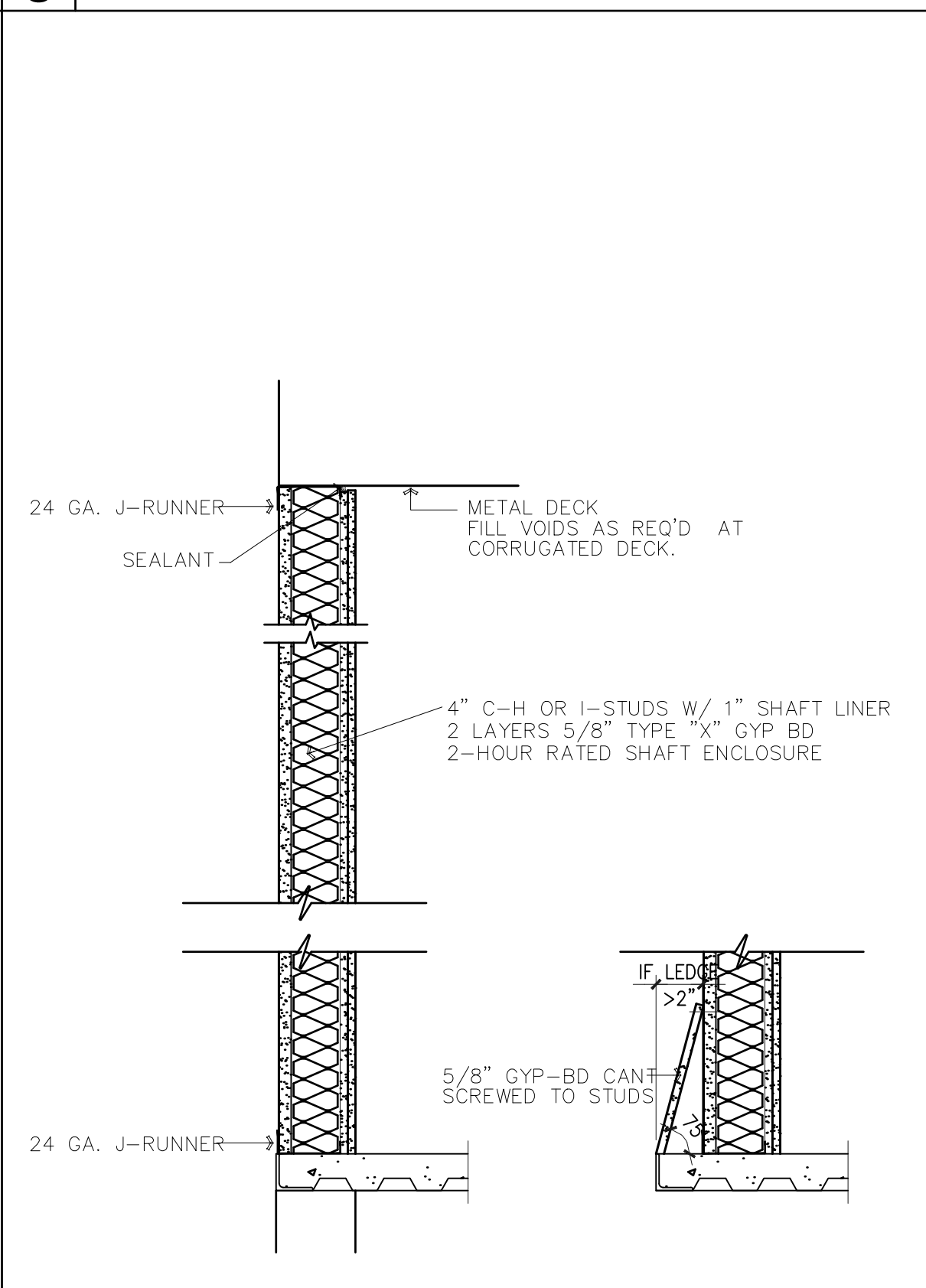
**8 GENERAL NOTES**



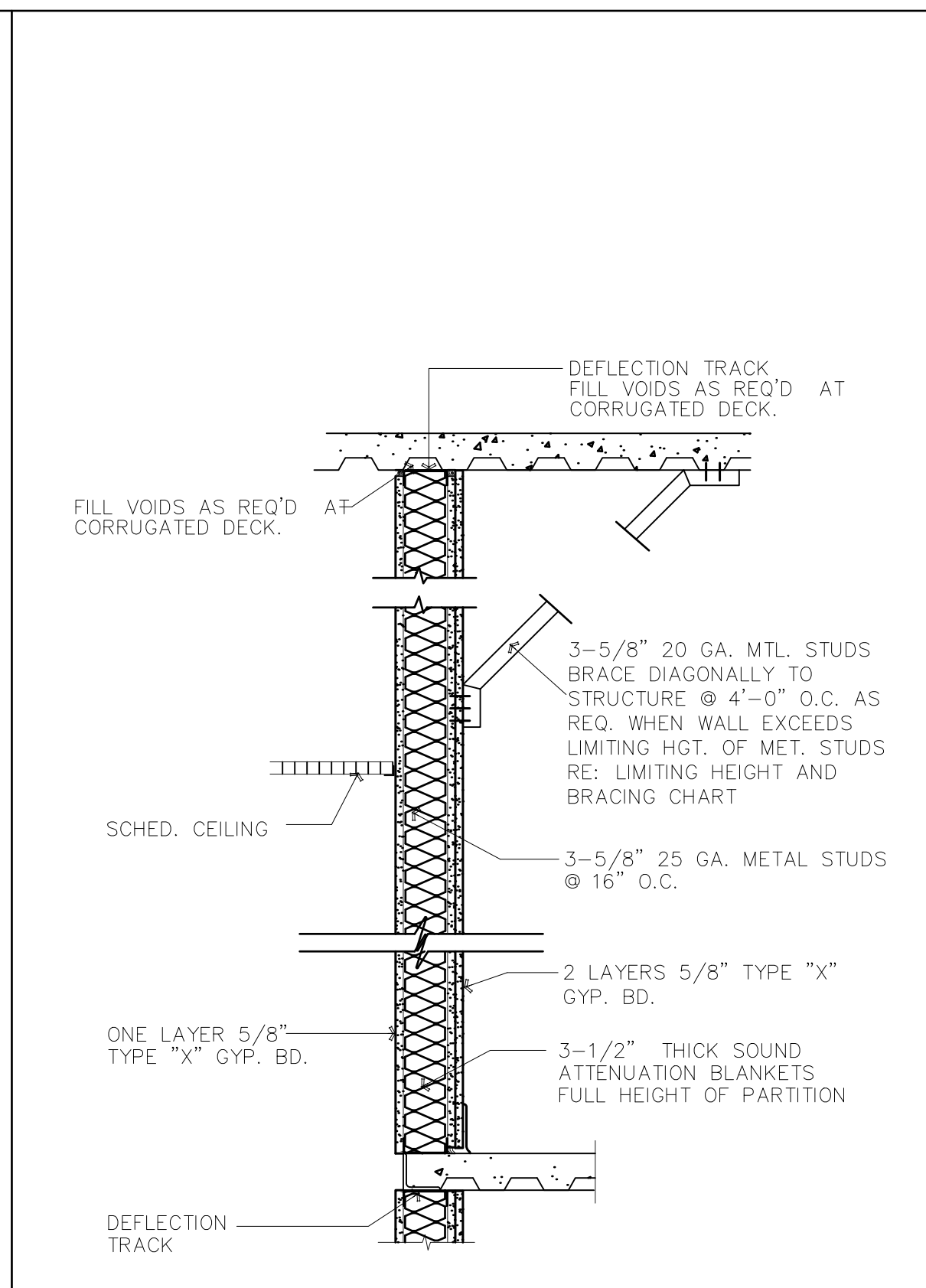
TYPE	FIRE RAT'G	DESCRIPTION
S12	ONE HR.	3-5/8" MTL. STUD TO DECK WITH FIRE RATED CEILING



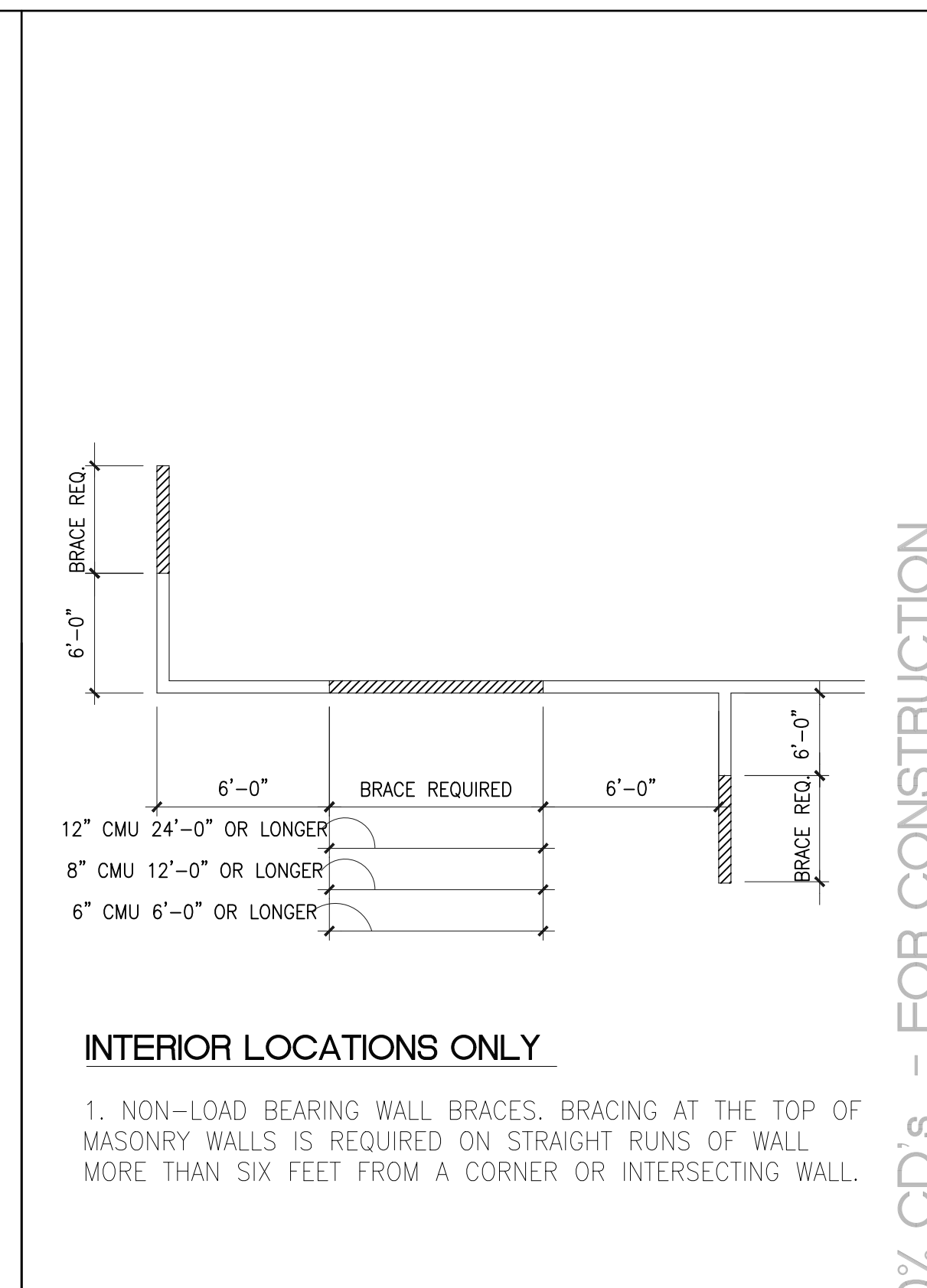
TYPE	FIRE RAT'G	DESCRIPTION
S11		W/ 3-1/2" SOUND ATTENUATION INSULATION



TYPE	FIRE RAT'G	DESCRIPTION
S10	2 HR.	ELEVATOR SHAFT WALL

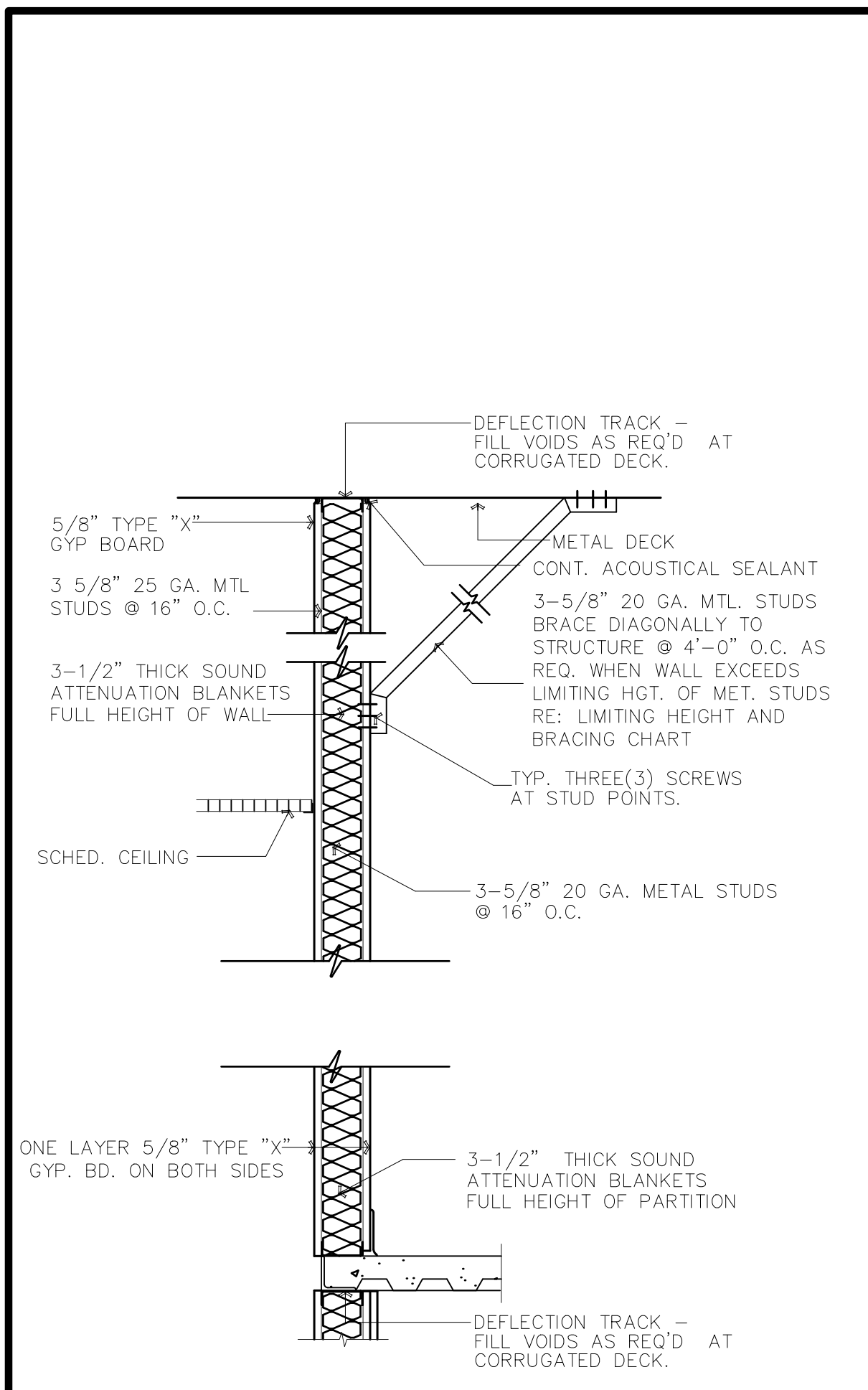


TYPE	FIRE RAT'G	DESCRIPTION
S9	1 HR.	WITH 3-1/2" SOUND ATTENUATION BLANKETS WITH FIRE RATED CEILING



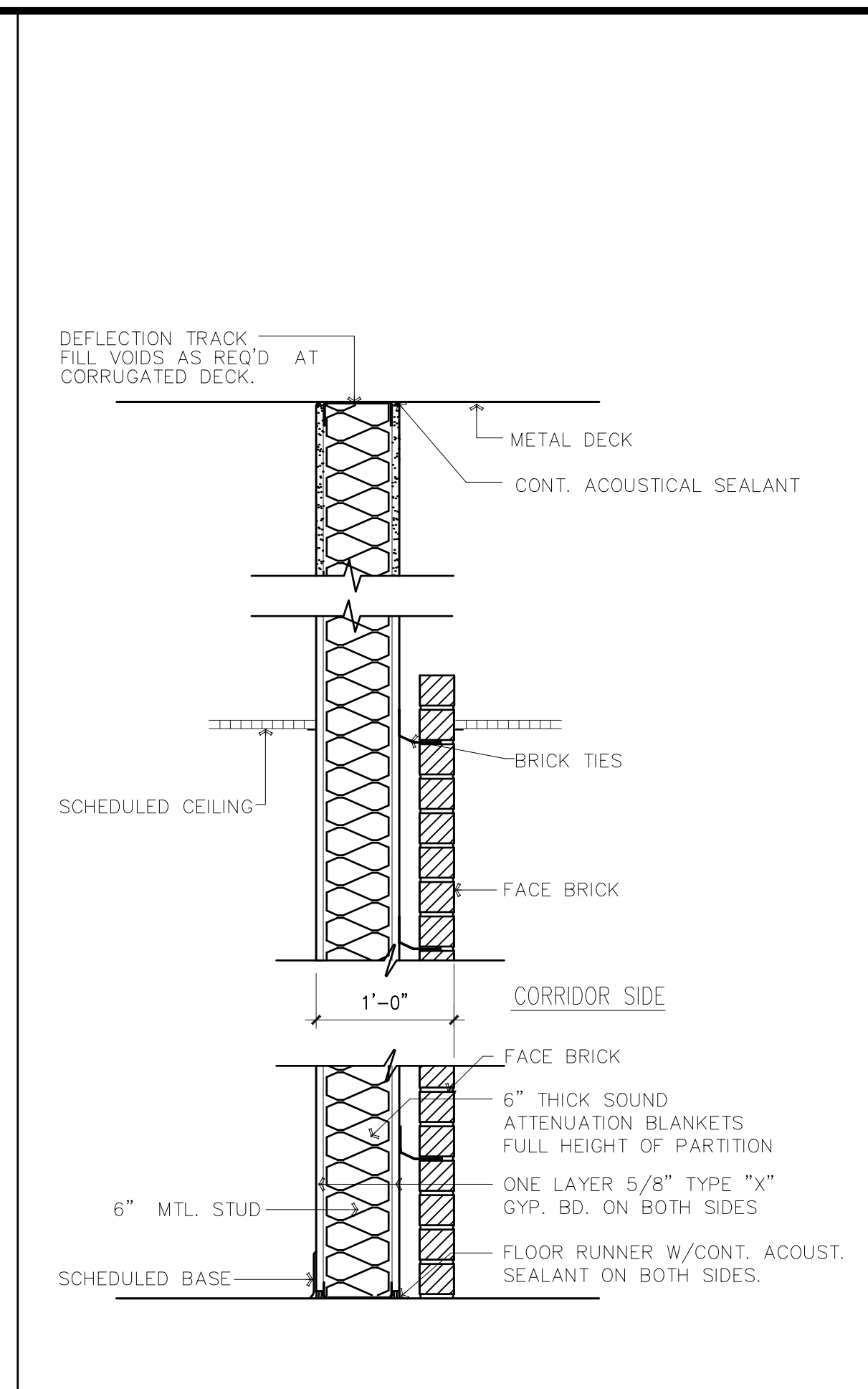
TYPE	FIRE RAT'G	DESCRIPTION
1		TYP. CMU WALL BRACING

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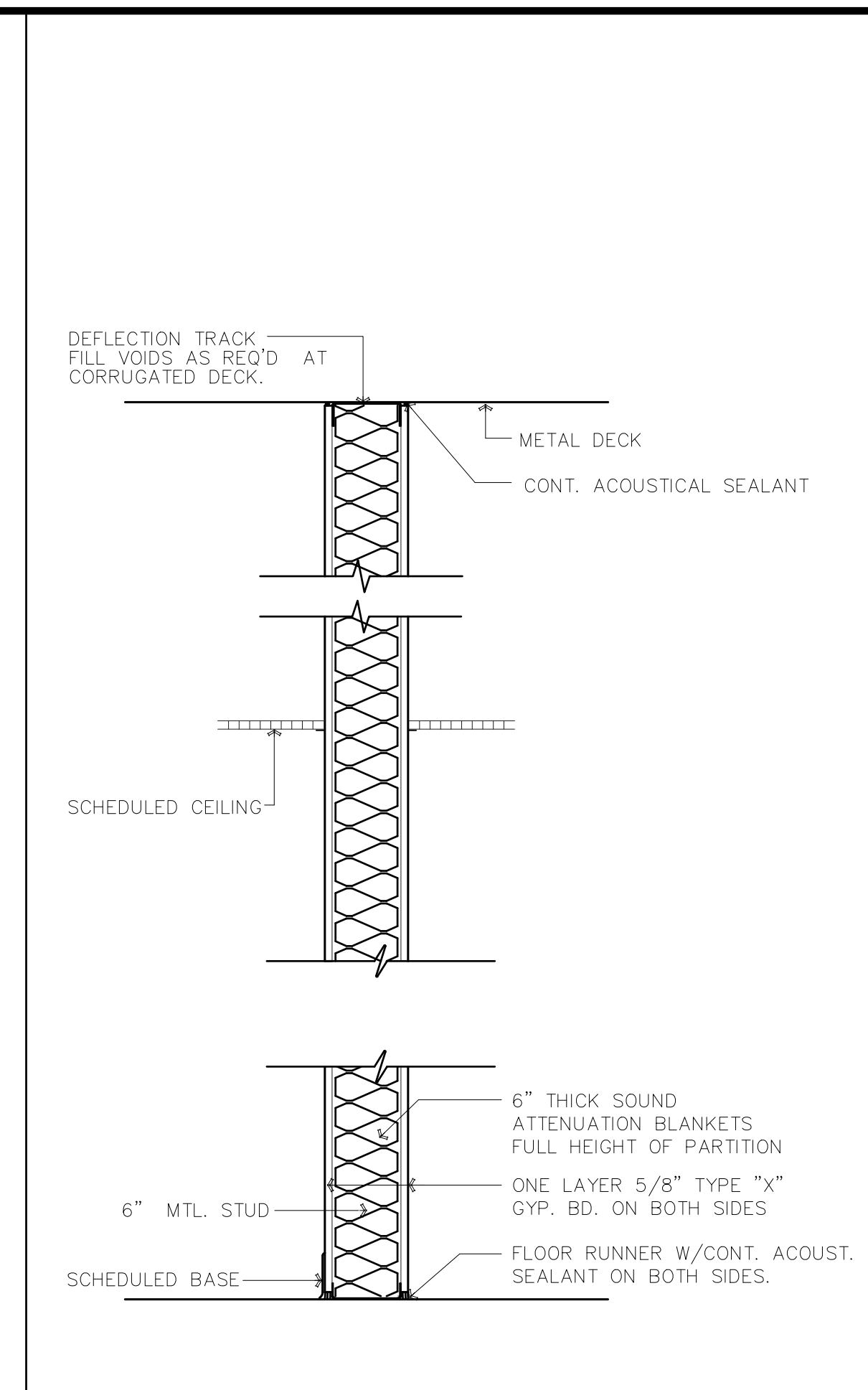
TYPE	FIRE RAT'G	DESCRIPTION
S8	1 HR.	WITH 3-1/2" SOUND ATTENUATION BLANKETS WITH FIRE RATED CEILING

**15** PARTITION TYPE "S8"



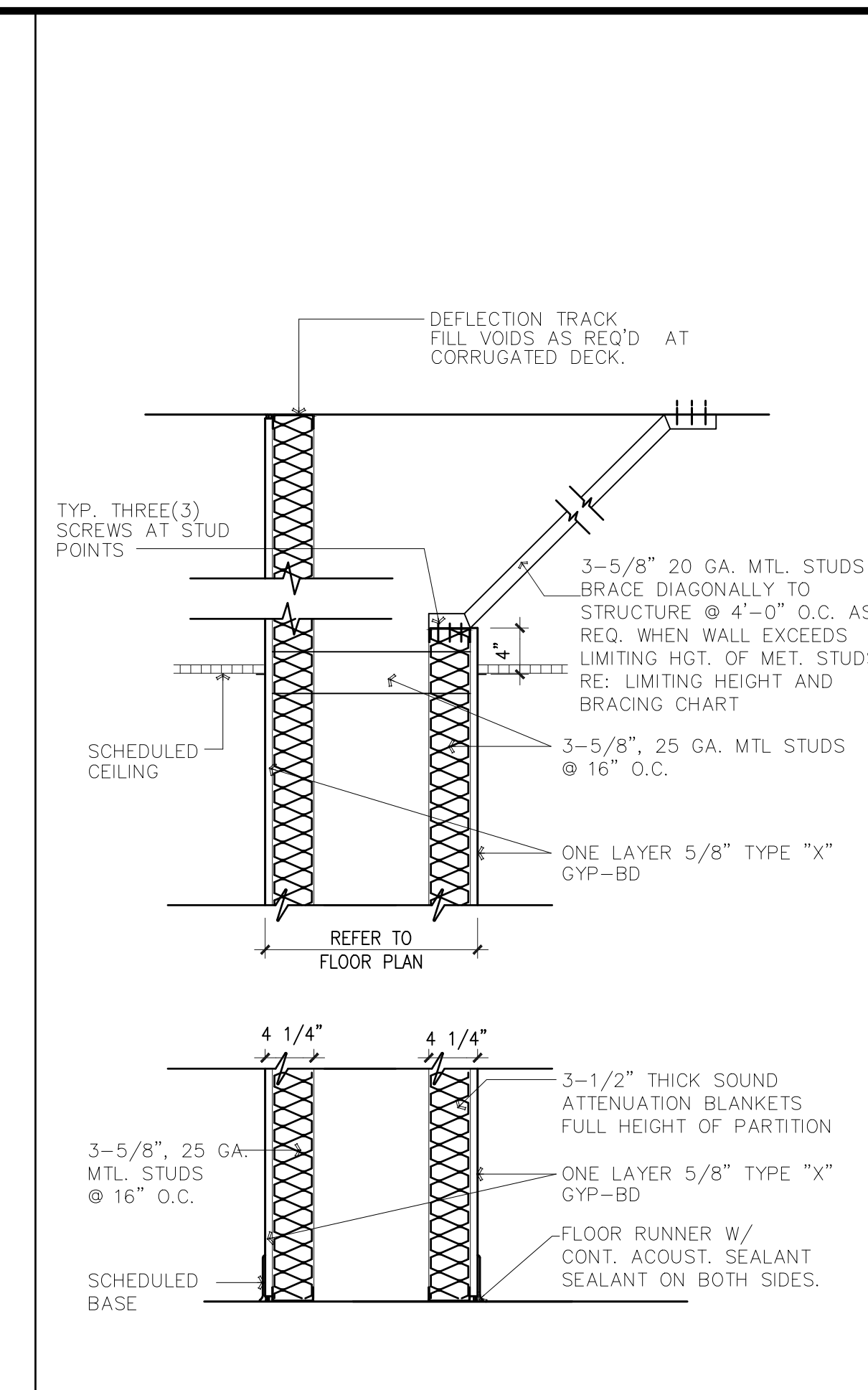
TYPE	FIRE RAT'G	DESCRIPTION
S7	ONE HR.	6" MTL. STUD. TO DECK WITH FIRE RATED CEILING

**14** PARTITION TYPE "S7"



TYPE	FIRE RAT'G	DESCRIPTION
S6	NONE	6" MTL. STUD. TO DECK
S6A	ONE HR.	6" MTL. STUD. TO DECK WITH FIRE RATED CEILING

**13** PARTITION TYPE "S6"



TYPE	FIRE RAT'G	DESCRIPTION
S5	NONE	3-5/8" MTL. STUD. TO DECK ONE SIDE

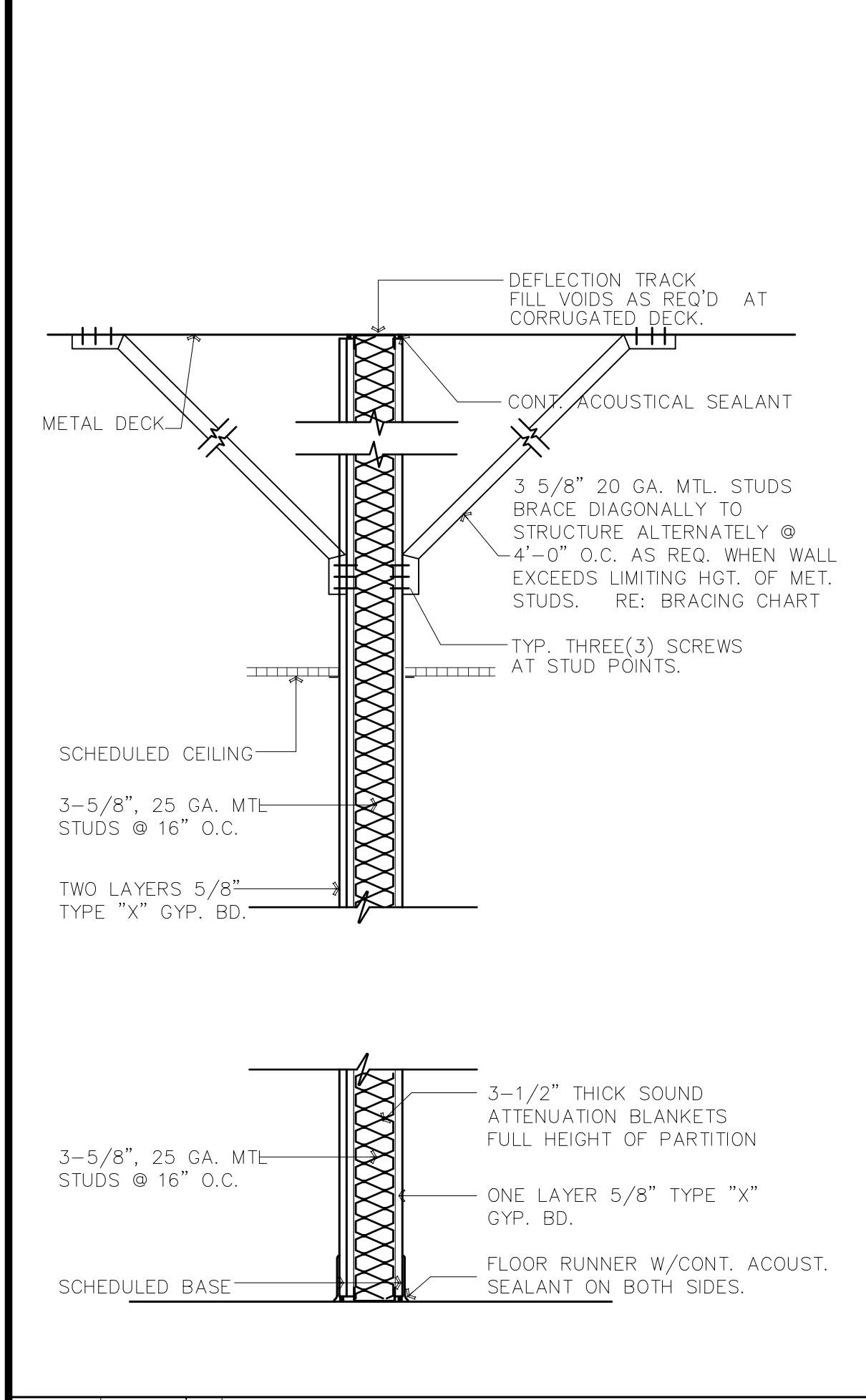
**12** PARTITION TYPE "S5"

BRACE FRAMING FOR 3 5/8" STUDS				
STUD TYPE	STUD PROPERTIES	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA)	1x = 0.541 IN <sup>4</sup>	4'-0" O.C.	14'-0"	BRACE @ MID-POINT FOR LENGTHS OVER 14'-0"
	rx = 1.429 IN			
	A = 0.2136 IN <sup>2</sup>			
Sx = 0.273 IN <sup>3</sup>				

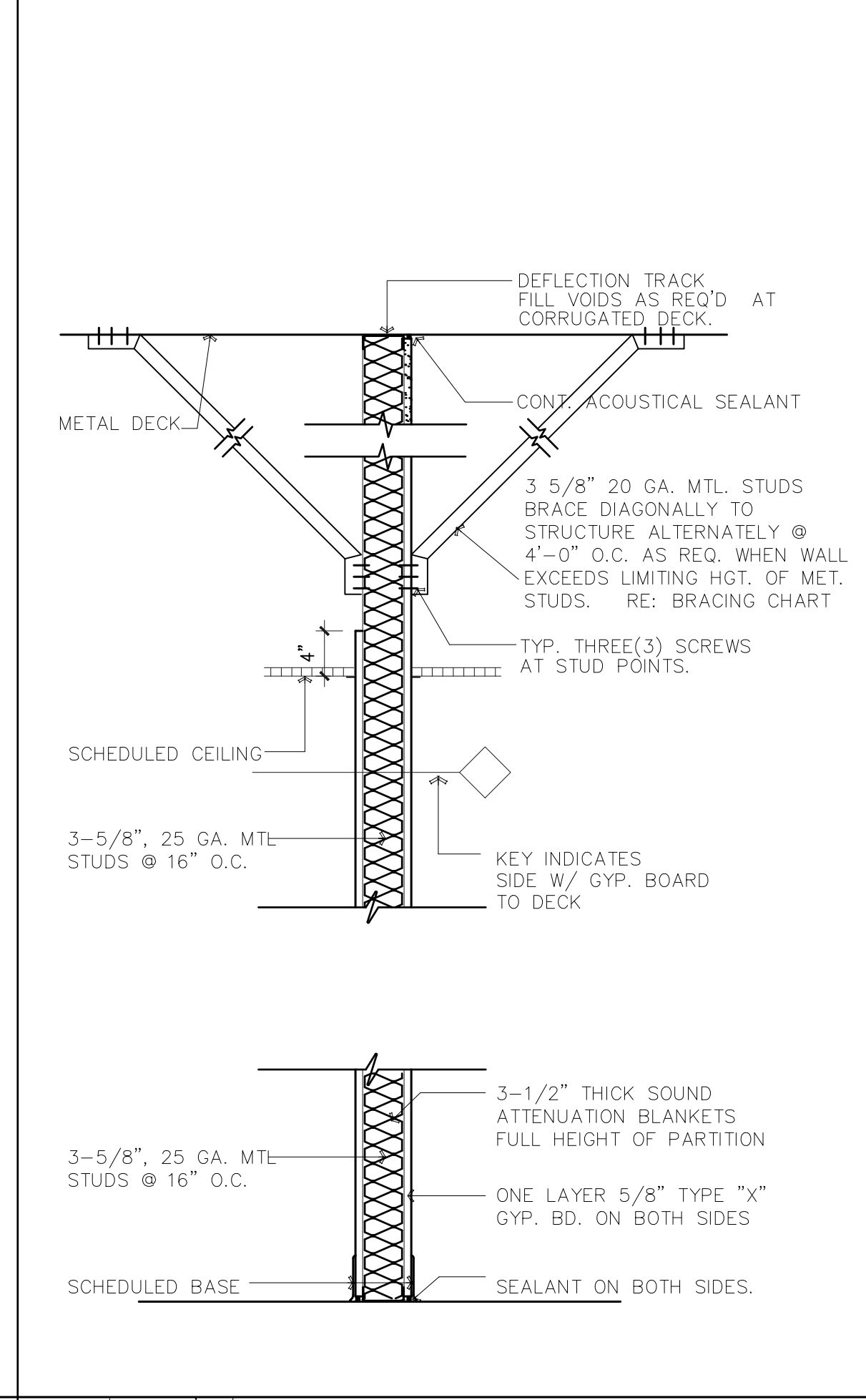
BRACE FRAMING FOR 6" STUDS				
STUD TYPE	STUD PROPERTIES	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA)	1x = 1.787 IN <sup>4</sup>	4'-0" O.C.	20'-0"	BRACE @ MID-POINT FOR LENGTHS OVER 20'-0"
	rx = 2.253 IN			
	A = 0.2148 IN <sup>2</sup>			
Sx = 0.539 IN <sup>3</sup>				

**11** BRACING CHART



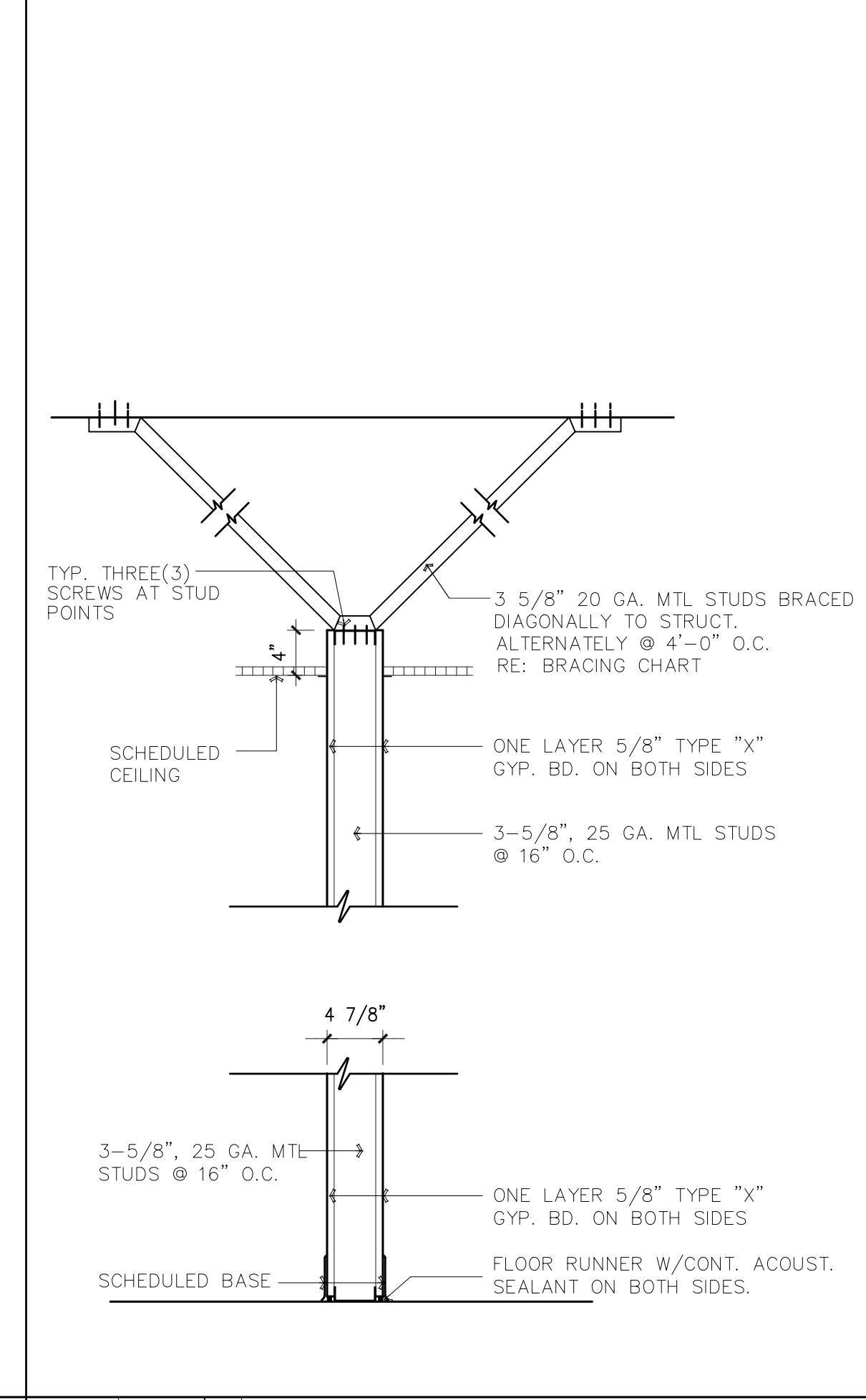
TYPE	FIRE RAT'G	DESCRIPTION
S4	ONE HOUR	3-5/8" MTL. STUD. TO DECK WITH FIRE RATED CEILING

**5** PARTITION TYPE "S4"



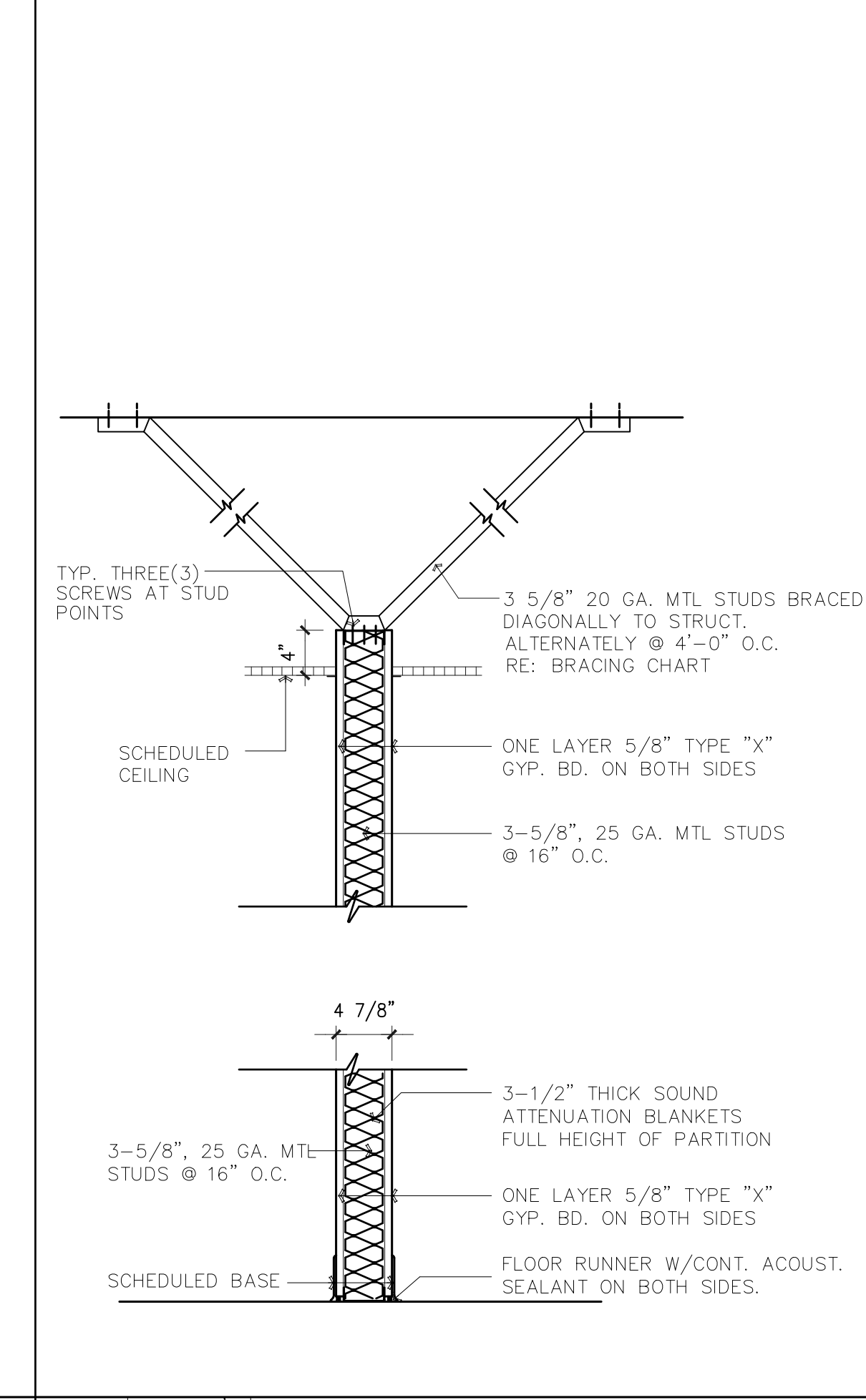
TYPE	FIRE RAT'G	DESCRIPTION
S3	NONE	3-5/8" MTL. STUD. TO DECK
S3A	ONE HOUR	3-5/8" MTL. STUD. TO DECK WITH FIRE RATED CEILING

**4** PARTITION TYPE "S3"



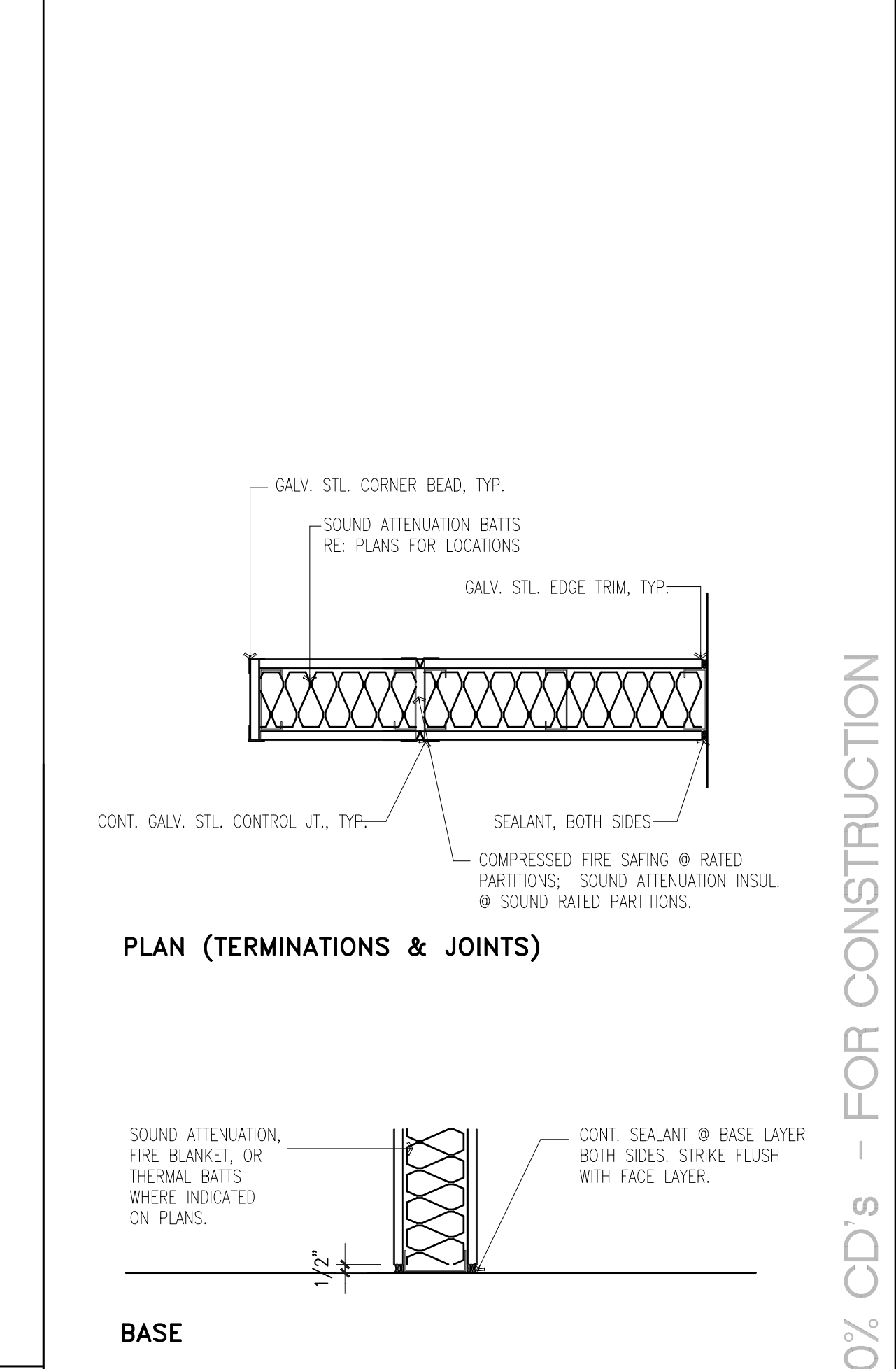
TYPE	FIRE RAT'G	DESCRIPTION
S2	NONE	3-5/8" METAL STUDS
S2A	ONE HOUR	NO INSULATION WITH FIRE RATED CEILING

**3** PARTITION TYPE "S2"



TYPE	FIRE RAT'G	DESCRIPTION
S1	NONE	W/ 3 1/2" SOUND ATTENUATION INSULATION
S1A	ONE HOUR	W/ 3 1/2" SOUND ATTENUATION INSULATION WITH FIRE RATED CEILING

**2** PARTITION TYPE "S1"

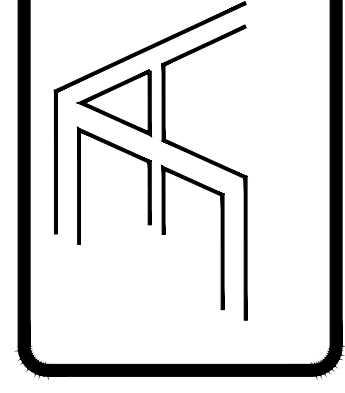


TYPE	FIRE RAT'G	DESCRIPTION
S1	NONE	W/ 3 1/2" SOUND ATTENUATION INSULATION
S1A	ONE HOUR	W/ 3 1/2" SOUND ATTENUATION INSULATION WITH FIRE RATED CEILING

**1** TYPICAL DETAILS

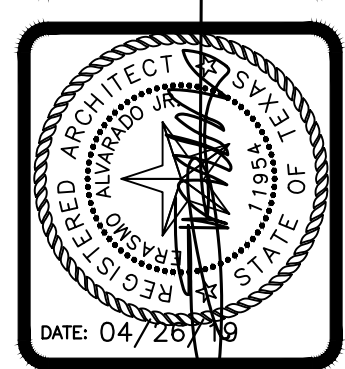
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DRAWING TITLE:  
**TYPICAL PARTITION TYPES**

FILE NAME:  
 1718

JOB NO.:  
 1718

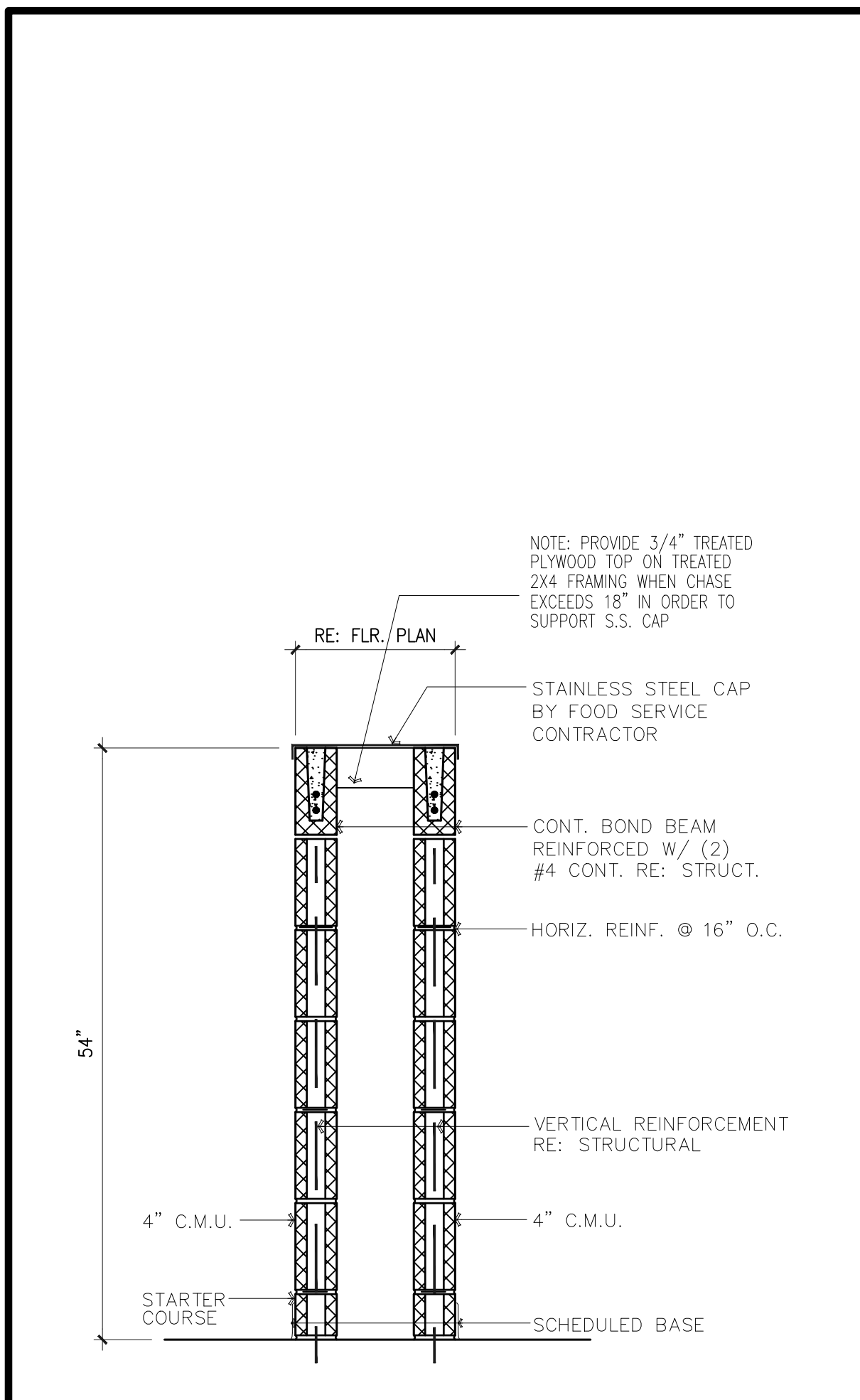
DATE:  
 04/26/2019

DRAWN BY:  
 MG

CHECKED BY:  
 E.A. III / E.A. III

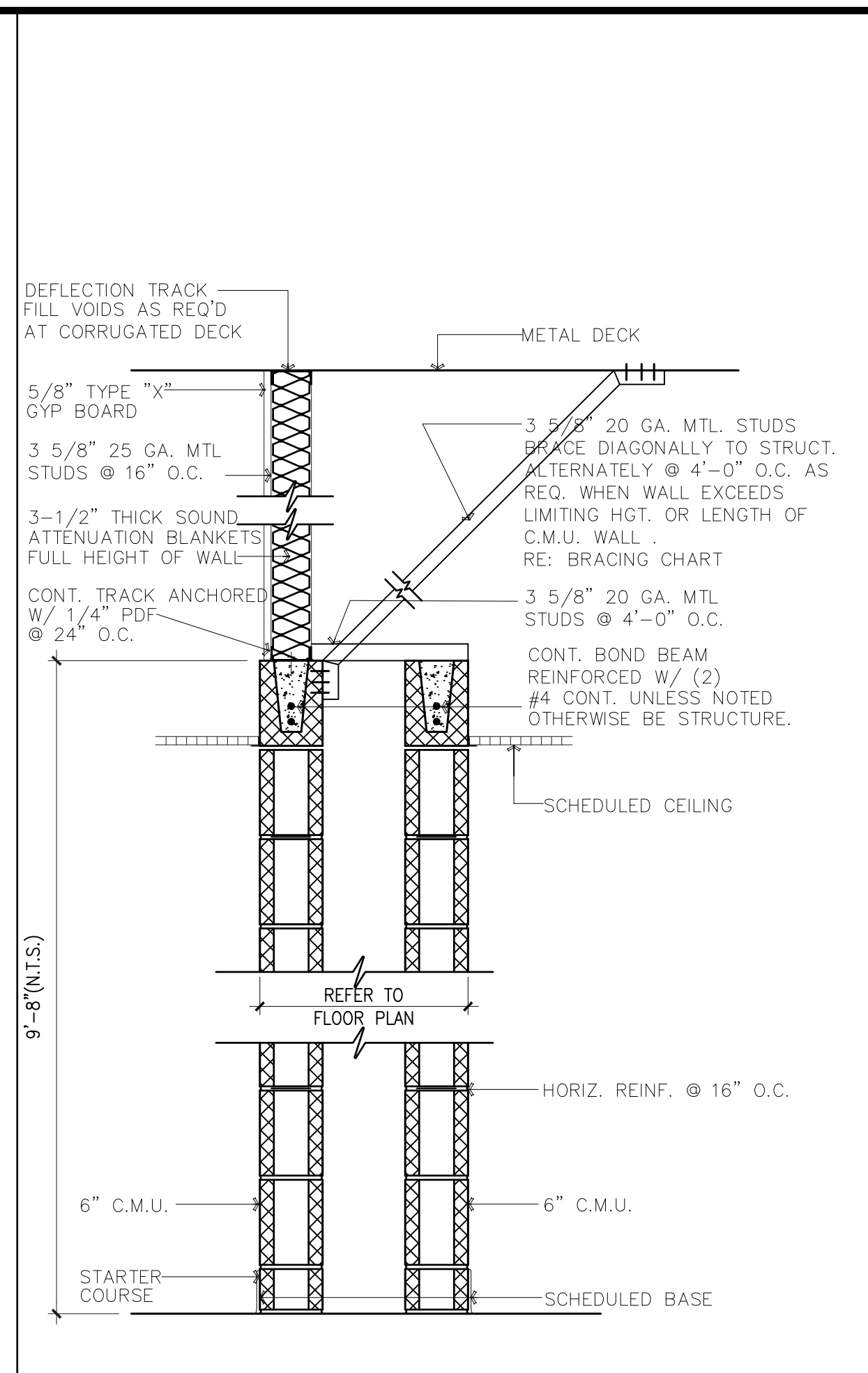
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**A7.05**

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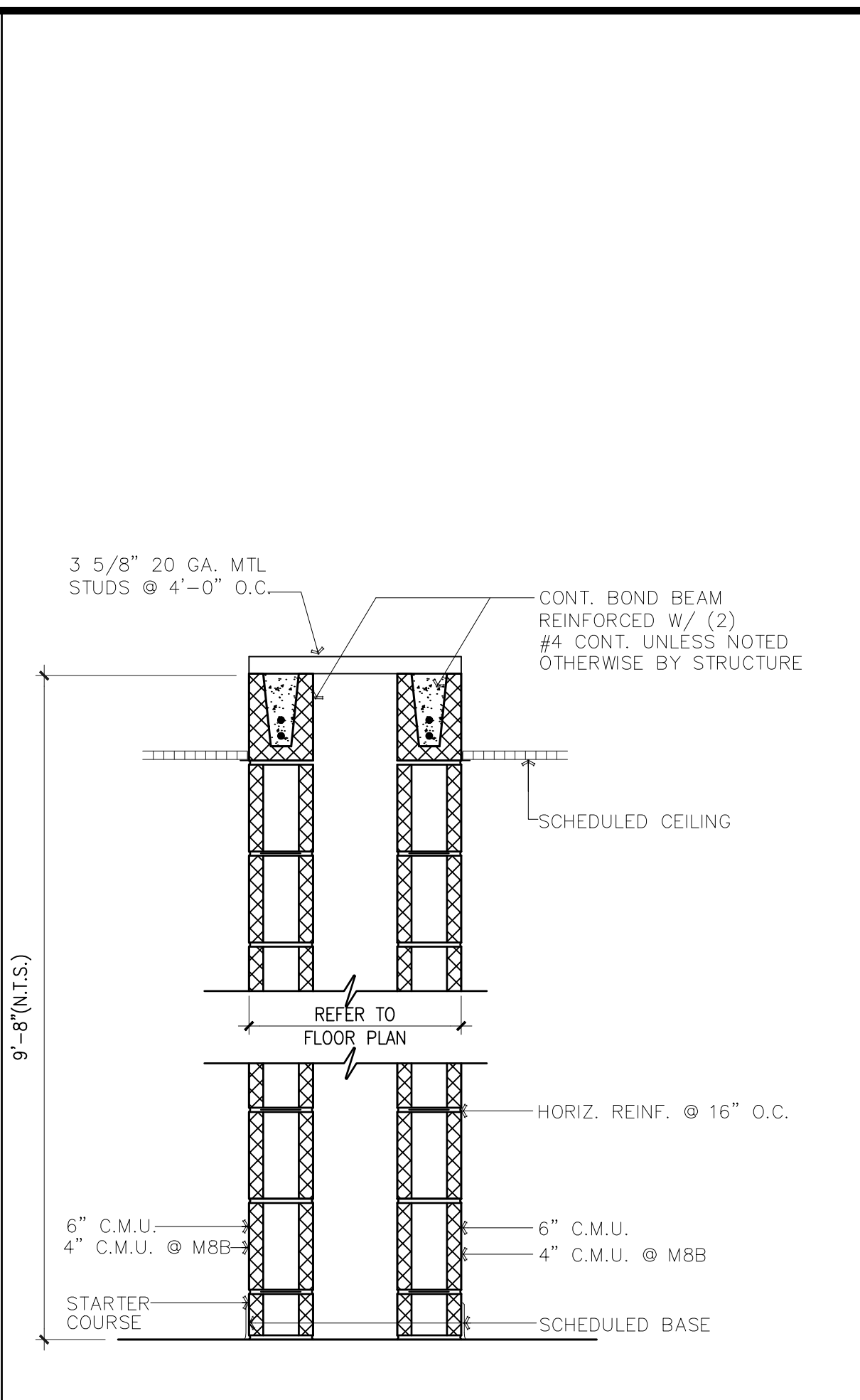
TYPE	FIRE RAT'G	DESCRIPTION
M10	NONE	DOUBLE WYTHE 4" CMU - 54" HIGH

**15** PARTITION TYPE "M10"



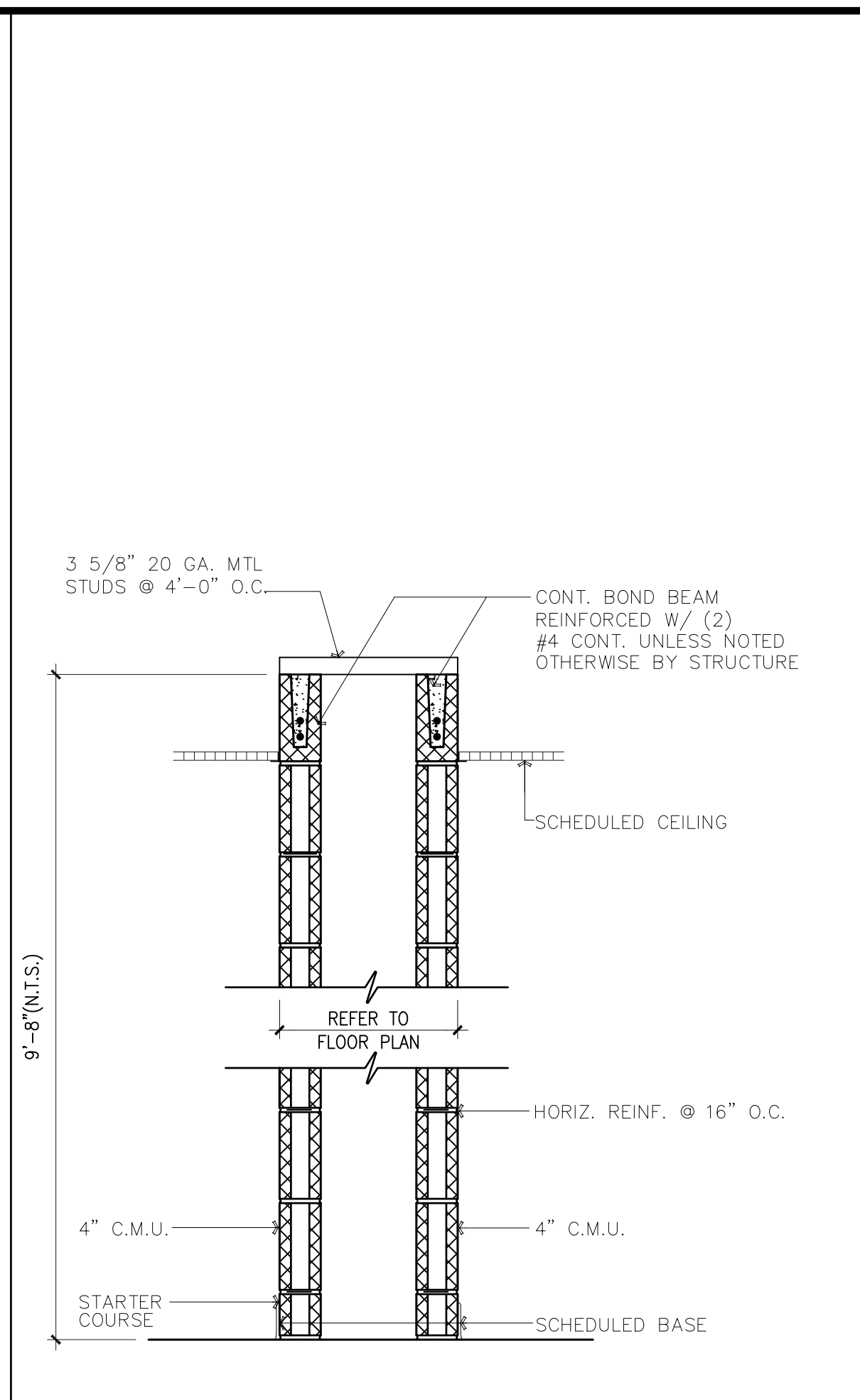
TYPE	FIRE RAT'G	DESCRIPTION
M9	NONE	DOUBLE WYTHE 6" CMU

**14** PARTITION TYPE "M9"



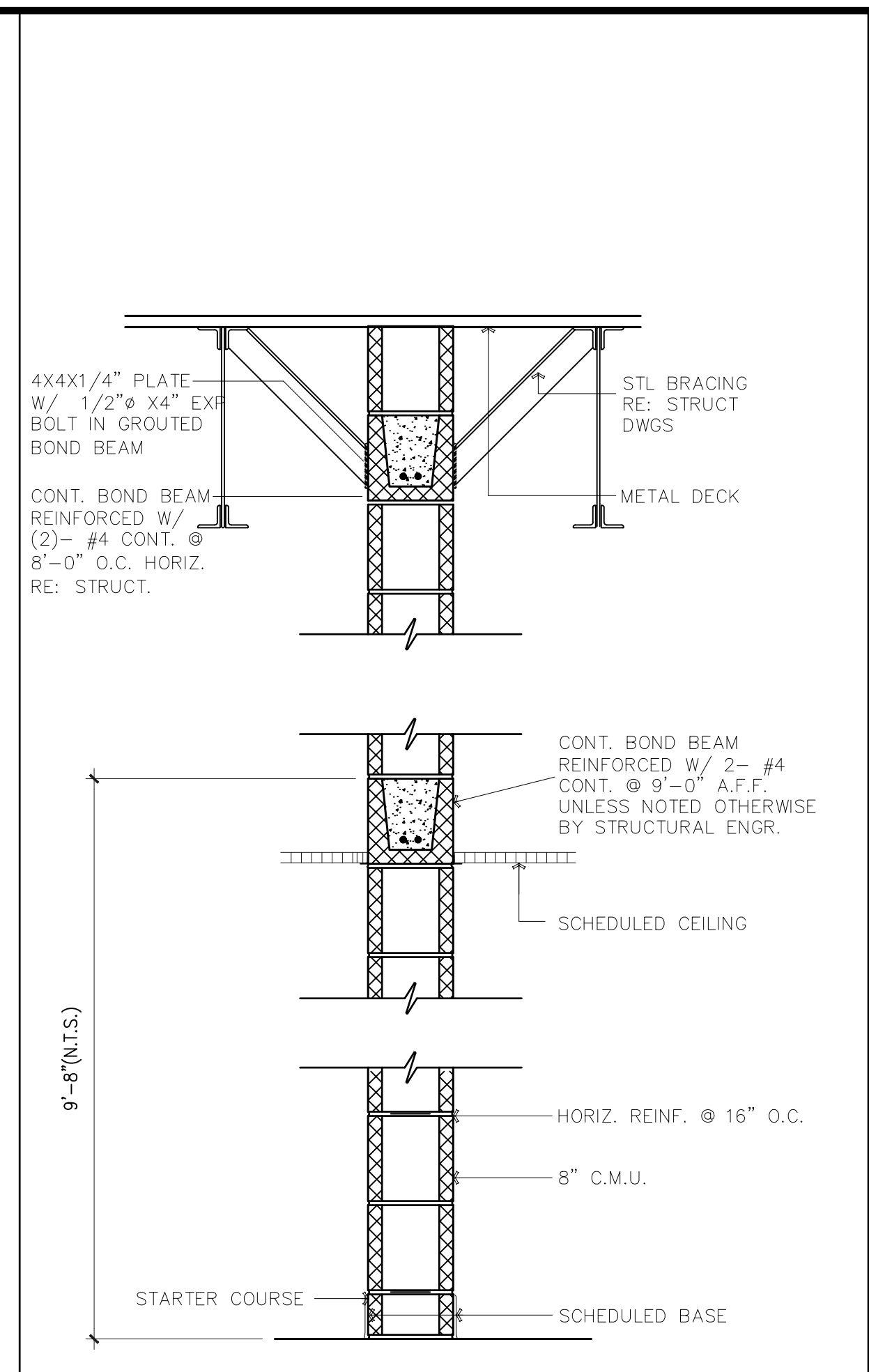
TYPE	FIRE RAT'G	DESCRIPTION
M8	NONE	DOUBLE WYTHE 6" CMU
M8B	NONE	DOUBLE WYTHE 4" CMU

**13** PARTITION TYPE "M8"



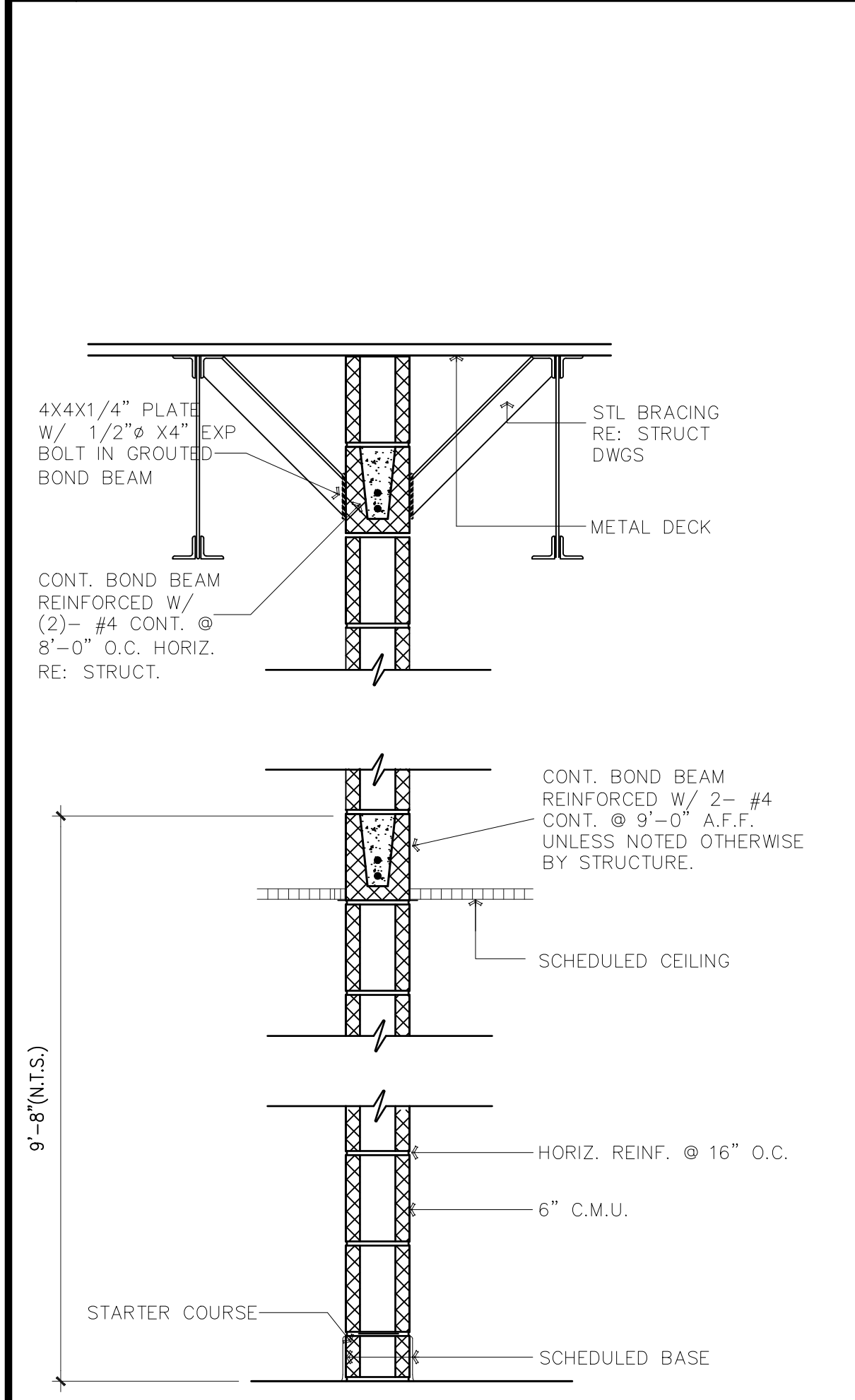
TYPE	FIRE RAT'G	DESCRIPTION
M7	NONE	DOUBLE WYTHE 4" CMU

**12** PARTITION TYPE "M7"



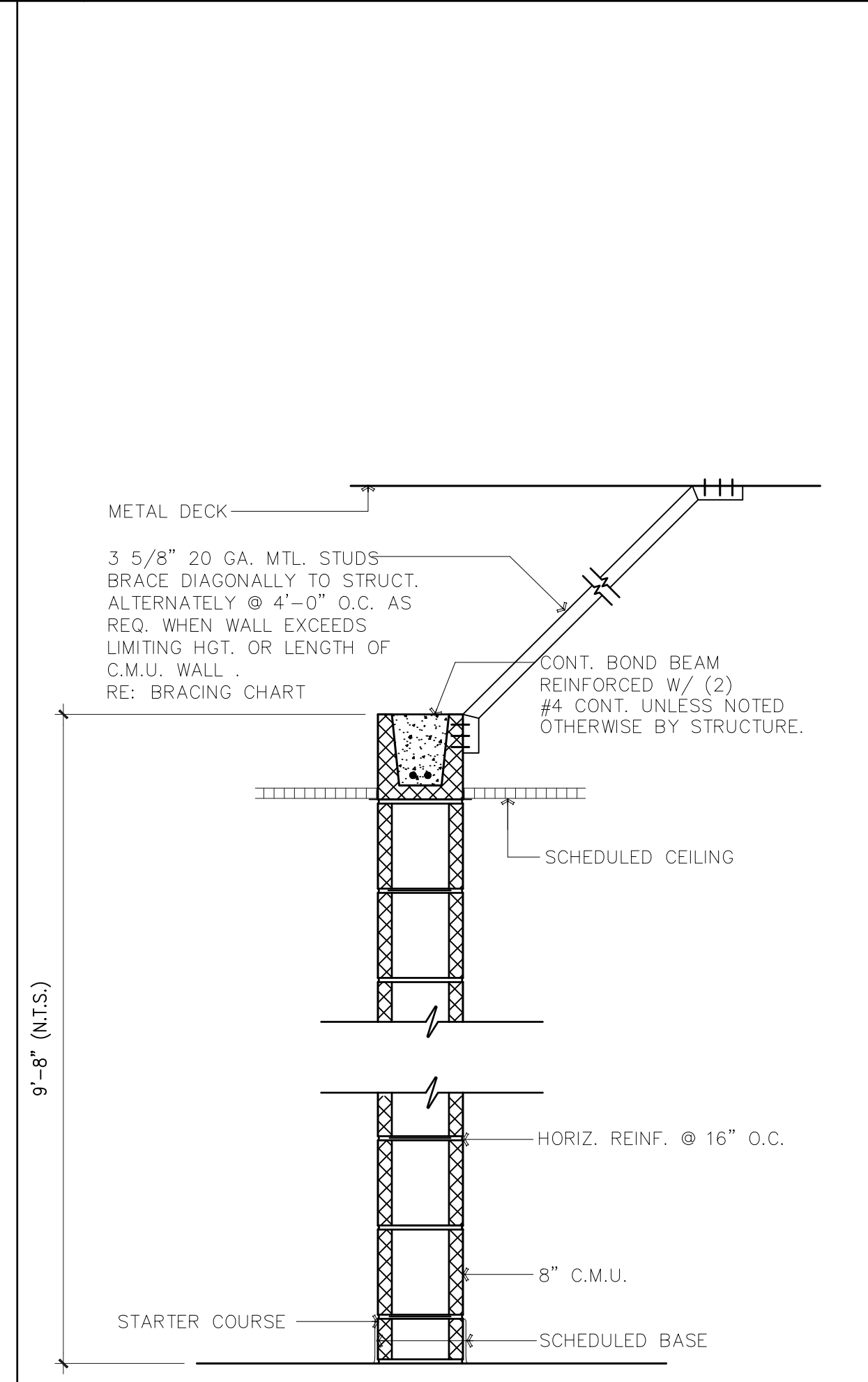
TYPE	FIRE RAT'G	DESCRIPTION
M6	NONE	8" CMU TO DECK
M6A	ONE HOUR	8" CMU TO DECK WITH FIRE RATED CEILING
M6B	TWO HOUR	8" CMU TO DECK WITH FIRE RATED CEILING

**11** PARTITION TYPE "M6"



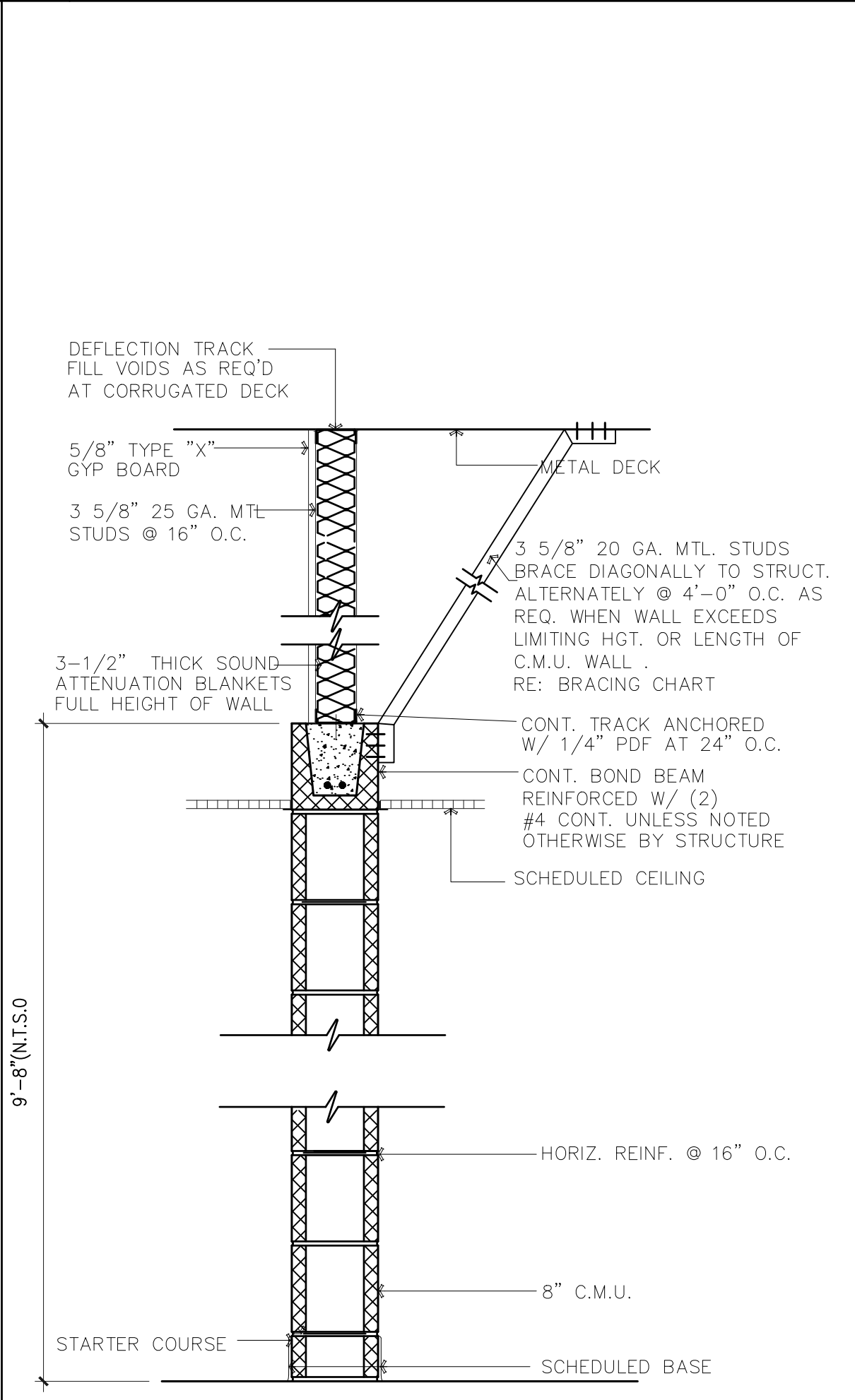
TYPE	FIRE RAT'G	DESCRIPTION
M5	NONE	6" CMU TO DECK
M5A	ONE HOUR	6" CMU TO DECK WITH FIRE RATED CEILING
M5B	TWO HOUR	6" CMU TO DECK WITH FIRE RATED CEILING

**5** PARTITION TYPE "M5"



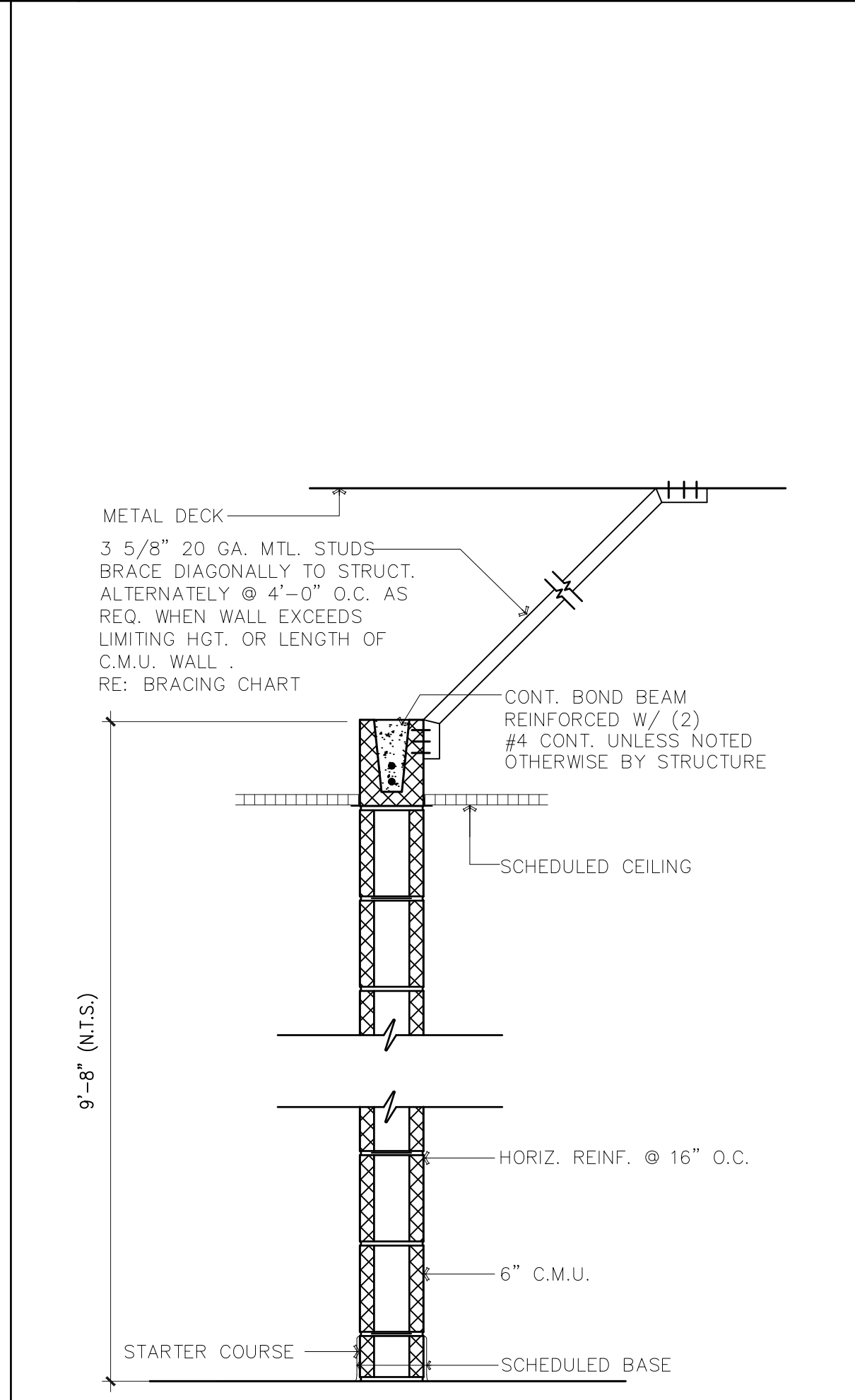
TYPE	FIRE RAT'G	DESCRIPTION
M4	NONE	8" CMU
M4A	ONE HOUR	8" CMU WITH FIRE RATED CEILING

**4** PARTITION TYPE "M4"



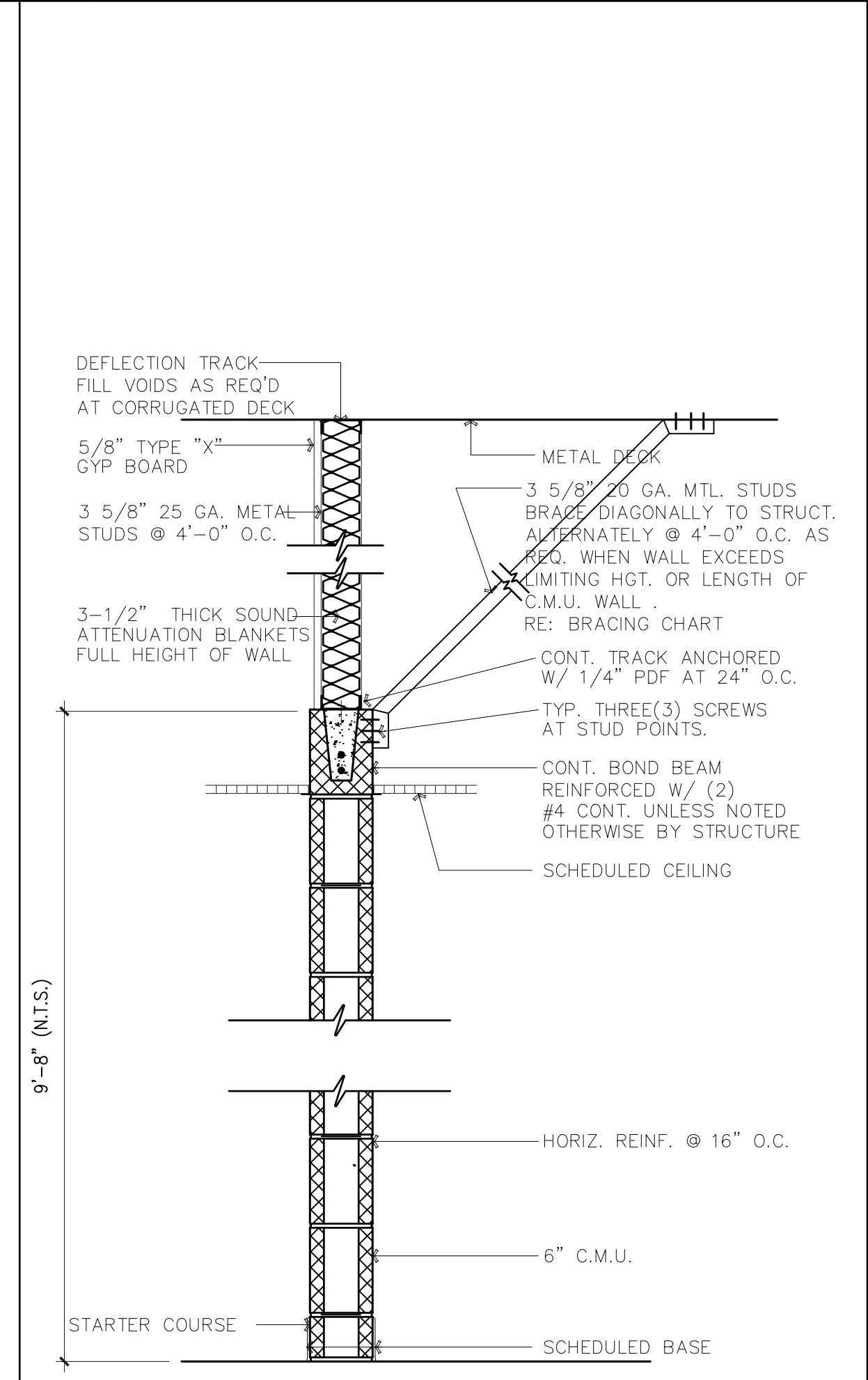
TYPE	FIRE RAT'G	DESCRIPTION
M3	NONE	8" CMU
M3A	ONE HOUR	8" CMU WITH FIRE RATED CEILING

**3** PARTITION TYPE "M3"



TYPE	FIRE RAT'G	DESCRIPTION
M2	NONE	6" CMU
M2A	ONE HOUR	6" CMU WITH FIRE RATED CEILING

**2** PARTITION TYPE "M2"



TYPE	FIRE RAT'G	DESCRIPTION
M1	NONE	6" CMU
M1A	ONE HOUR	6" CMU WITH FIRE RATED CEILING

**1** PARTITION TYPE "M1"

NO.	DATE	DESCRIPTION

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**SUNSET PARK OPERATIONS FACILITY**  
MERCEDES, TEXAS

DATE: 04/26/19

DRAWING TITLE:  
**TYPICAL PARTITION TYPES**

FILE NAME:  
1718

JOB NO.:  
1718

DATE:  
04/26/2019

DRAWN BY:  
MG

CHECKED BY:  
EA, IJ, EA, III

SHEET:  
**A7.06**

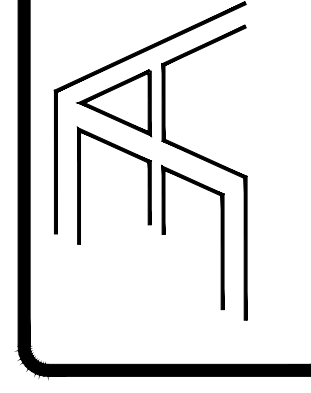






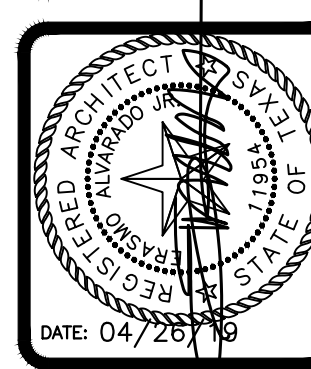
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 MERCEDES, TEXAS



DRAWING TITLE:  
**DOOR/WINDOW HEAD AND JAMB DETAILS**

FILE NAME:  
 1718

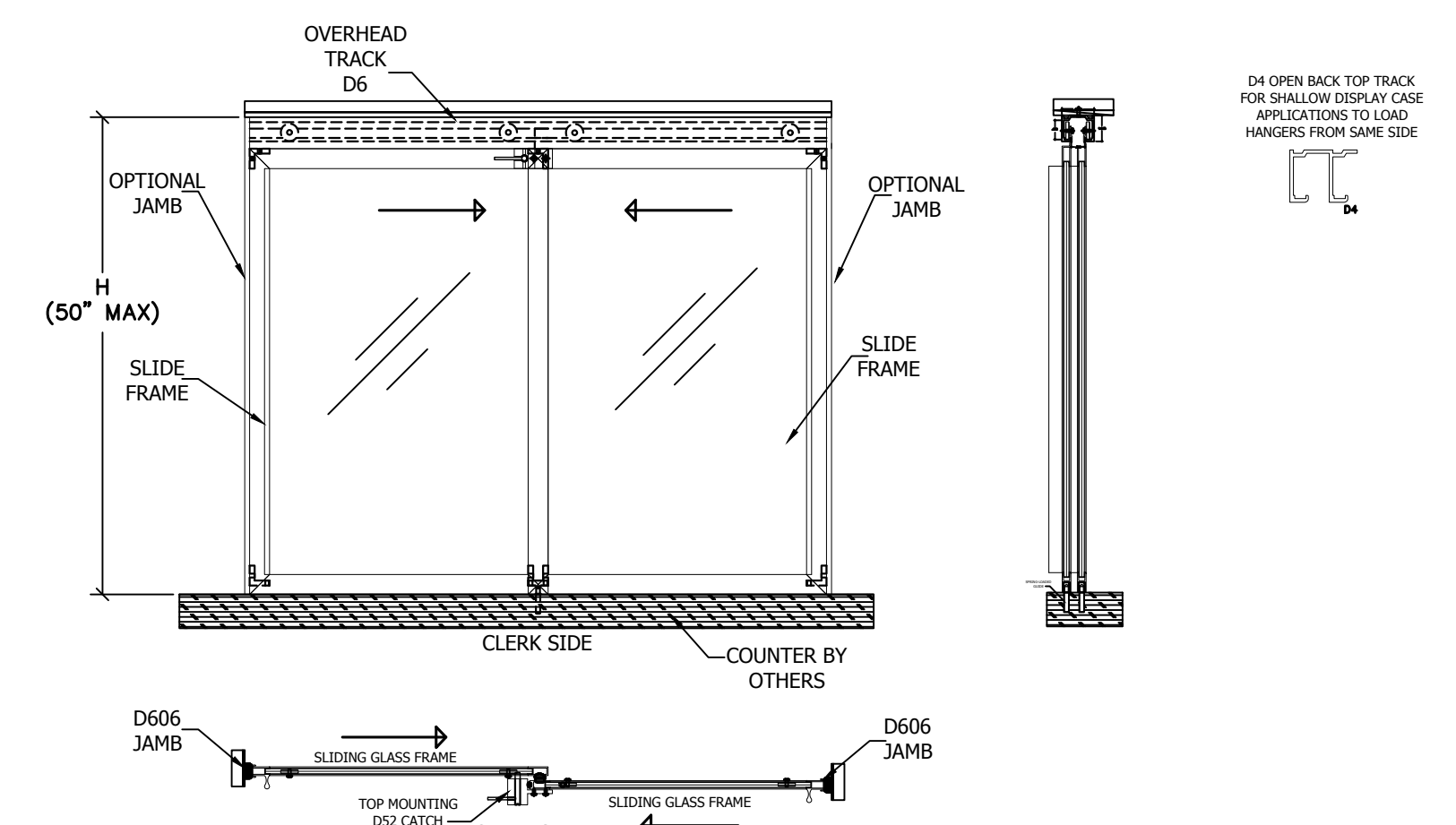
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 04/26/2019

DRAWN BY:  
 MG

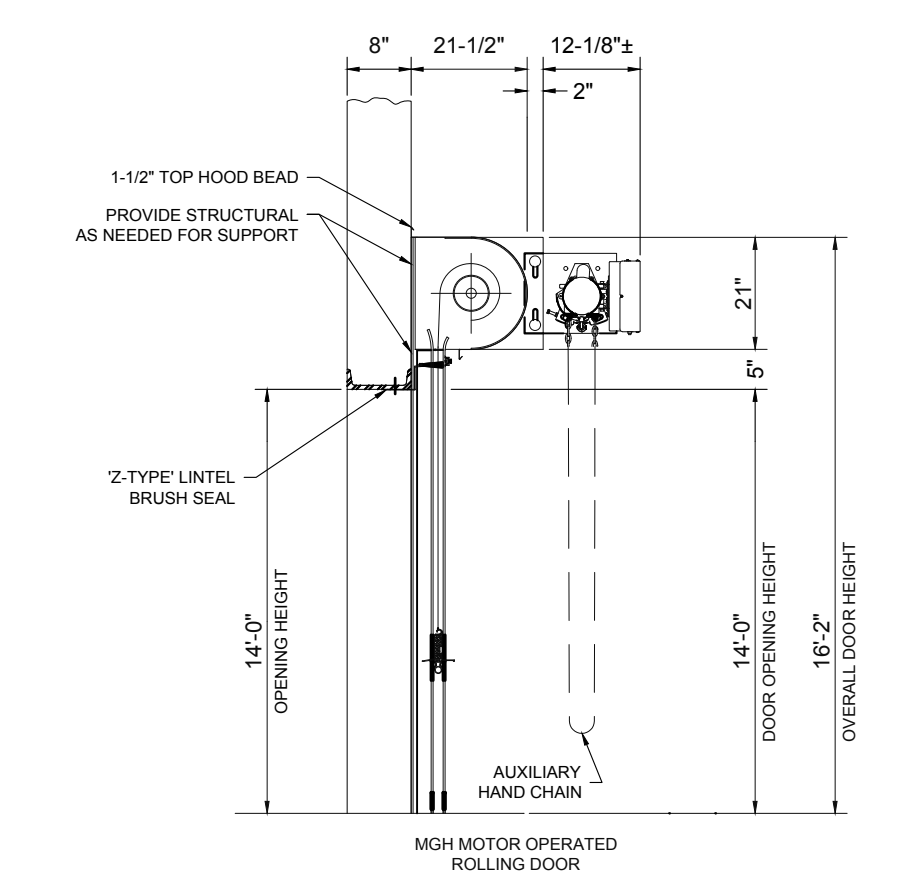
CHECKED BY:  
 E.A. / E.A. III

SHEET:  
**A9.01**

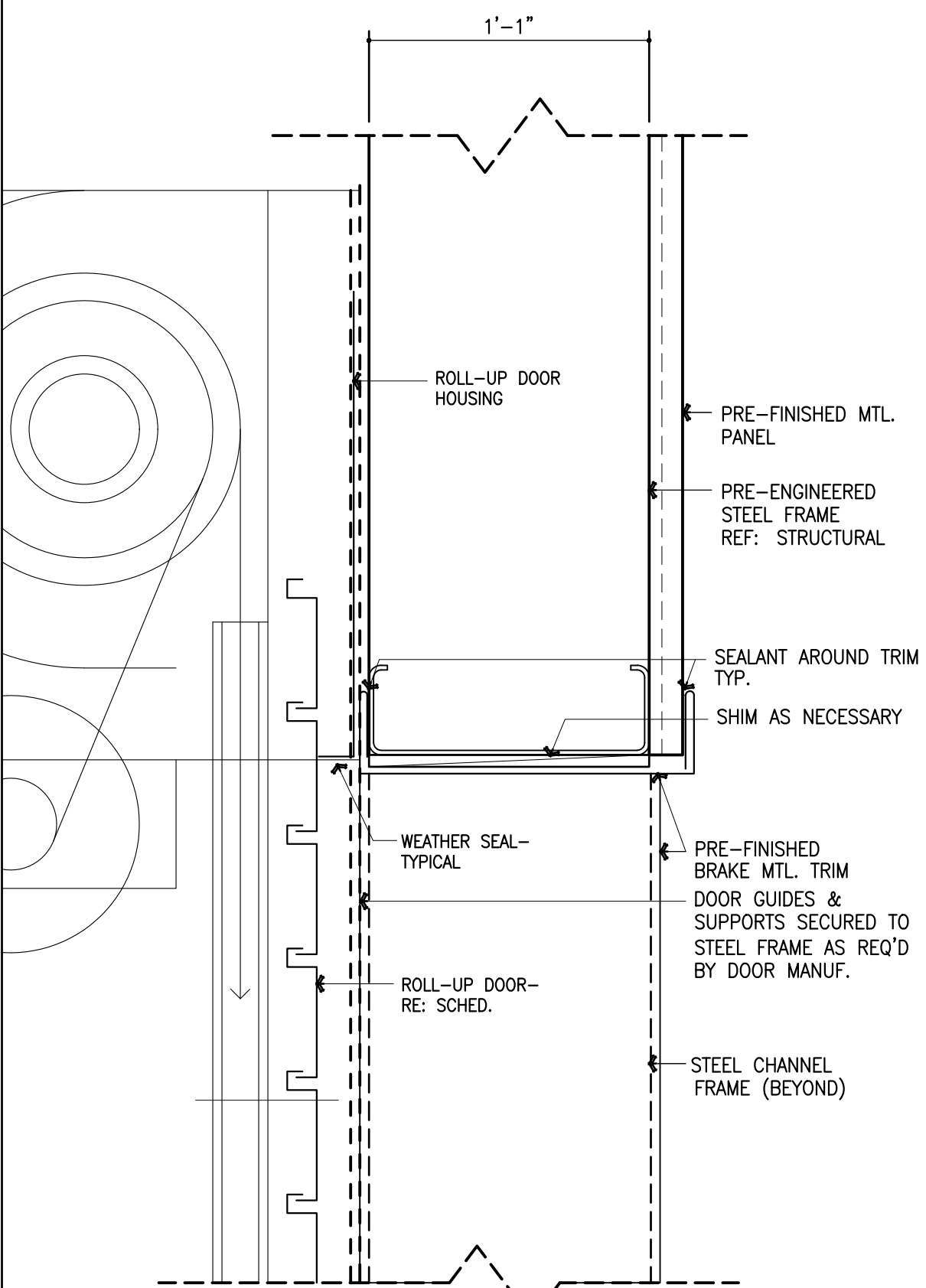
100% CD'S - FOR CONSTRUCTION



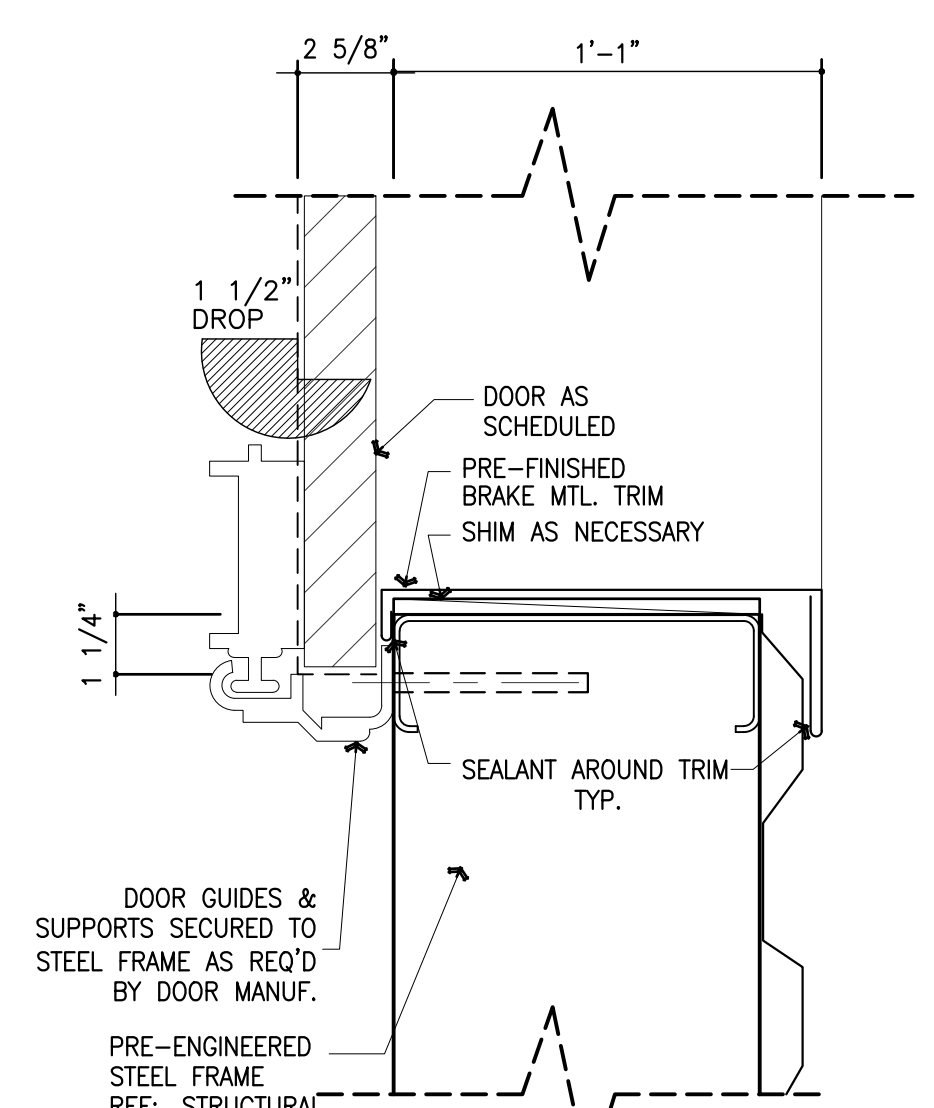
**17 BYPASS SLIDER WINDOW DETAIL**  
 SCALE: N.T.S.



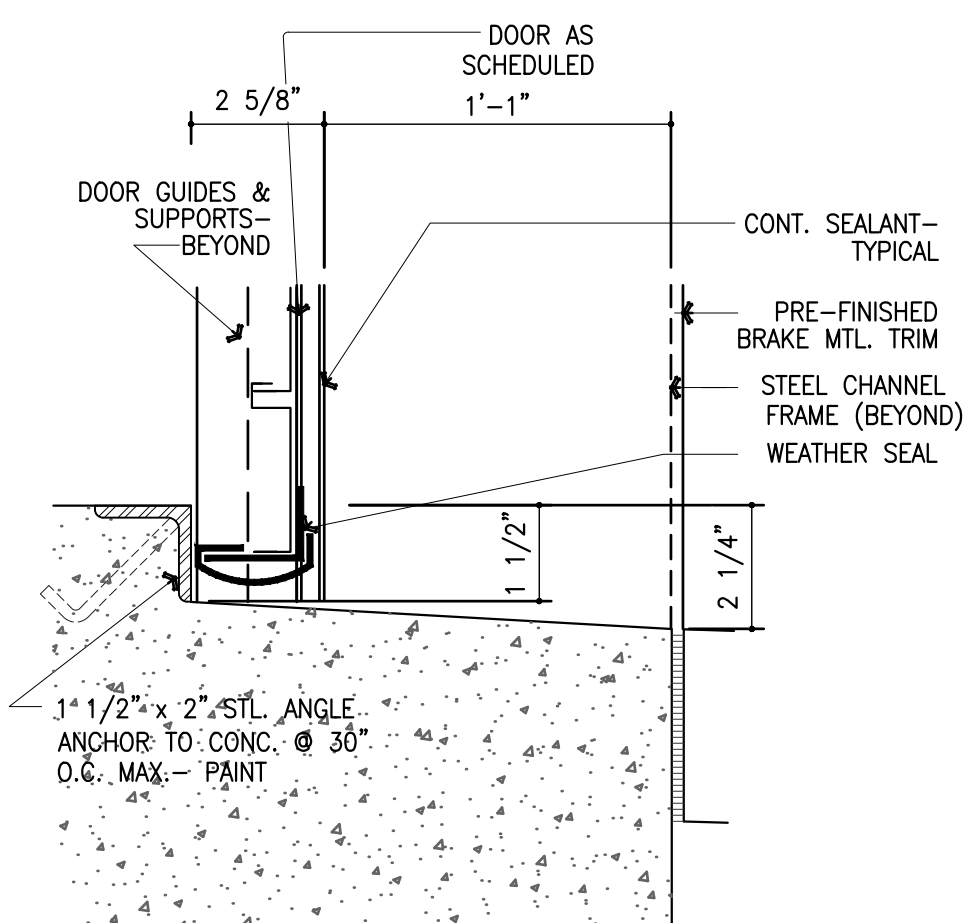
**11 OVERHEAD DOOR SECT. DETAIL**  
 SCALE: N.T.S.



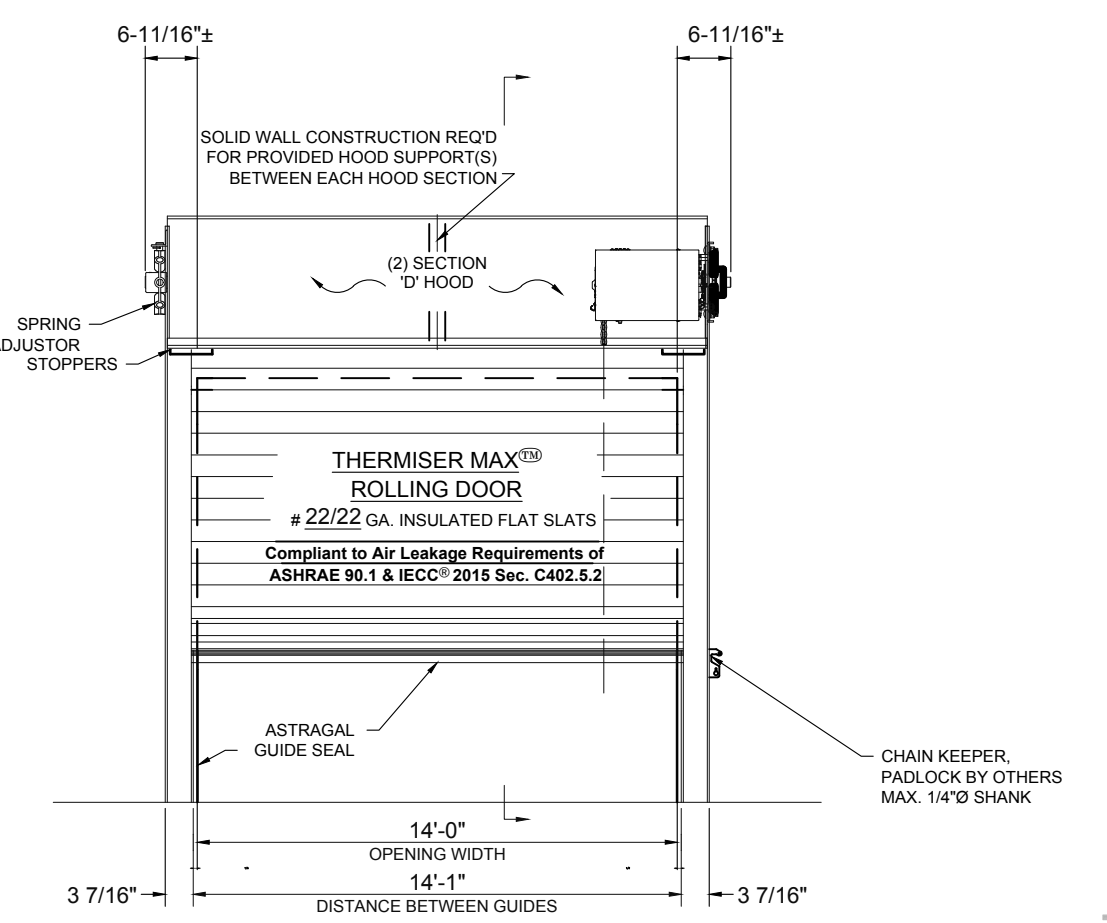
**13 OVERHEAD DOOR HEAD DETAIL**  
 SCALE: 3" = 1'-0"



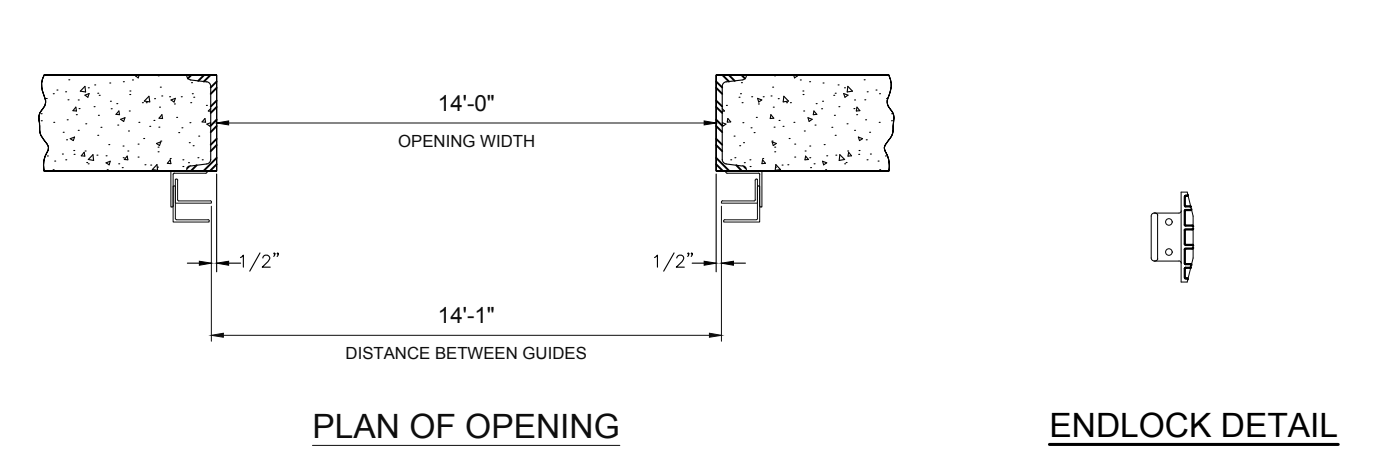
**14 OVERHEAD DOOR JAMB DETAIL**  
 SCALE: 3" = 1'-0"



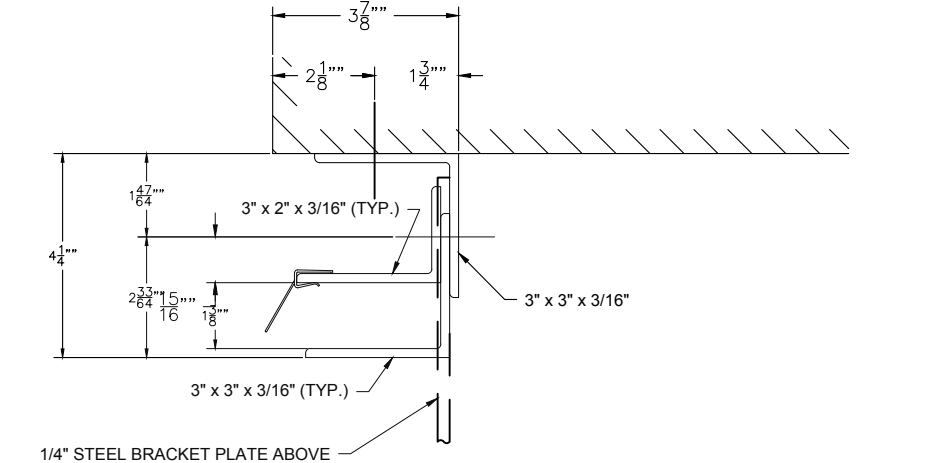
**15 OVERHEAD DOOR SILL DETAIL**  
 SCALE: 3" = 1'-0"



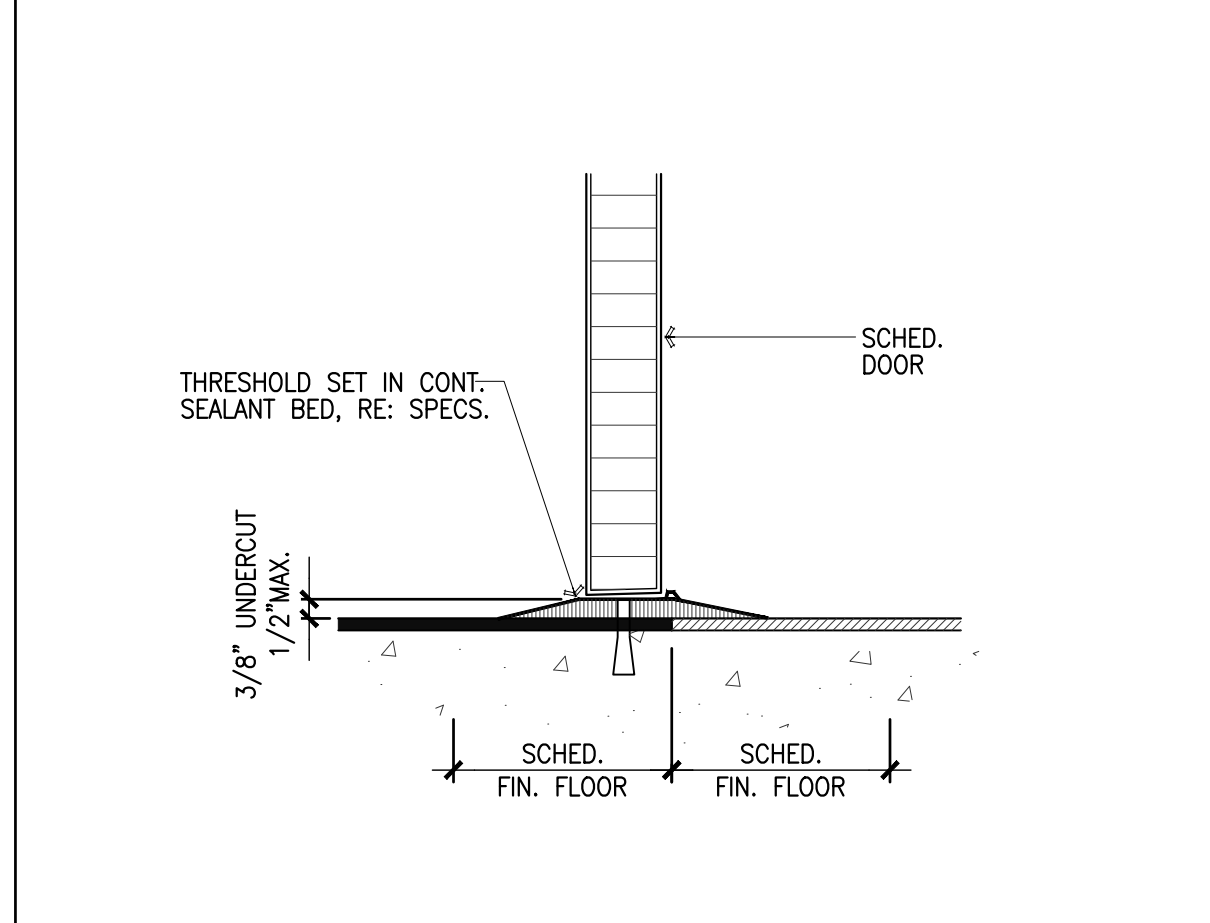
**6 OVERHEAD DOOR INTERIOR ELEVATION**  
 SCALE: N.T.S.



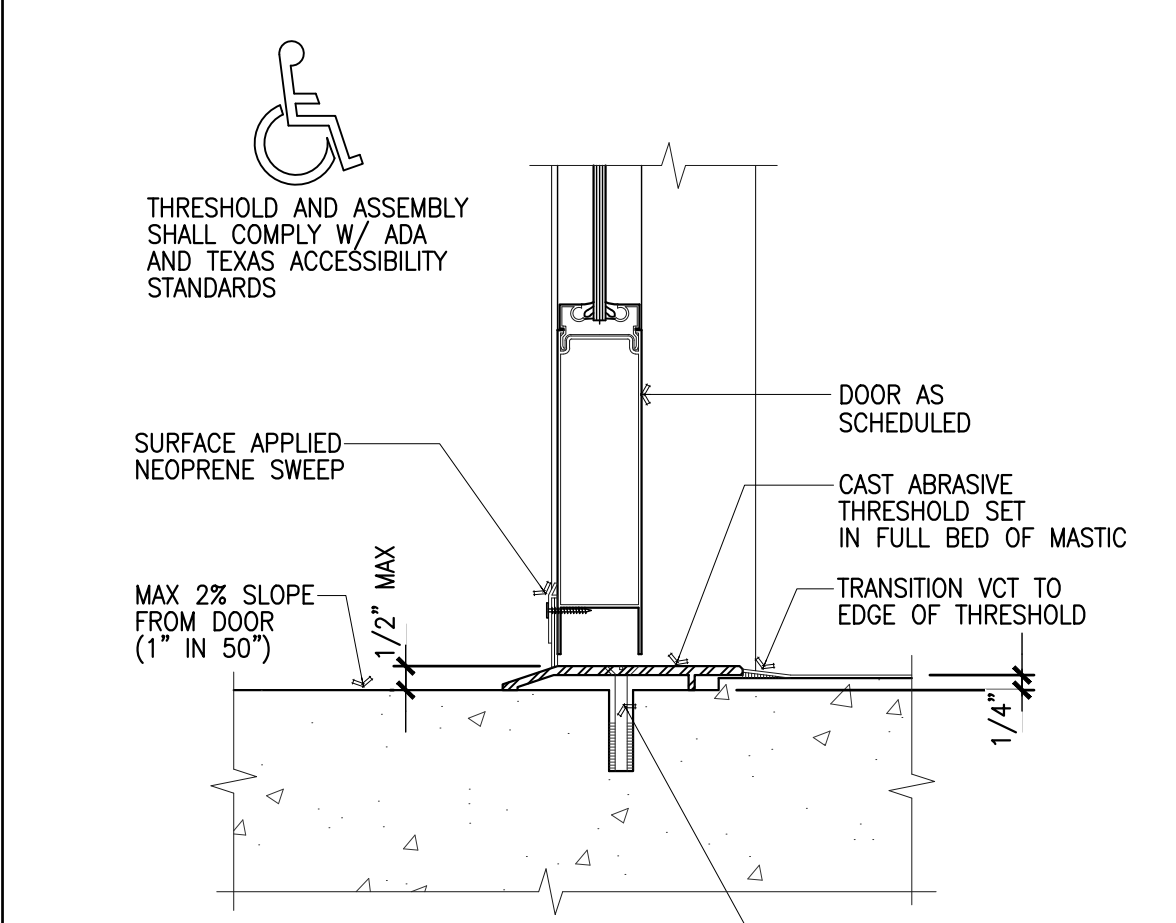
**8 DETAILS**  
 SCALE: N.T.S.



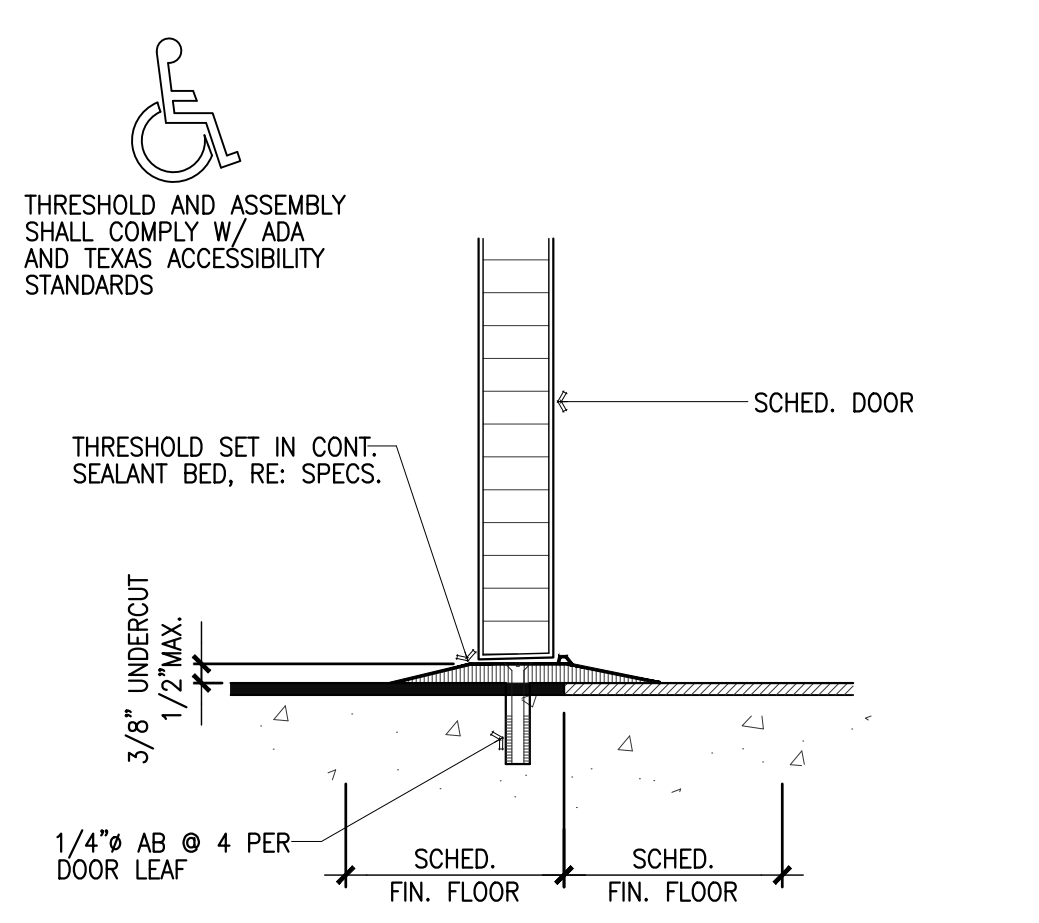
**10 DETAILS**  
 SCALE: N.T.S.



**2 NOT USED**  
 SCALE: N.T.S.

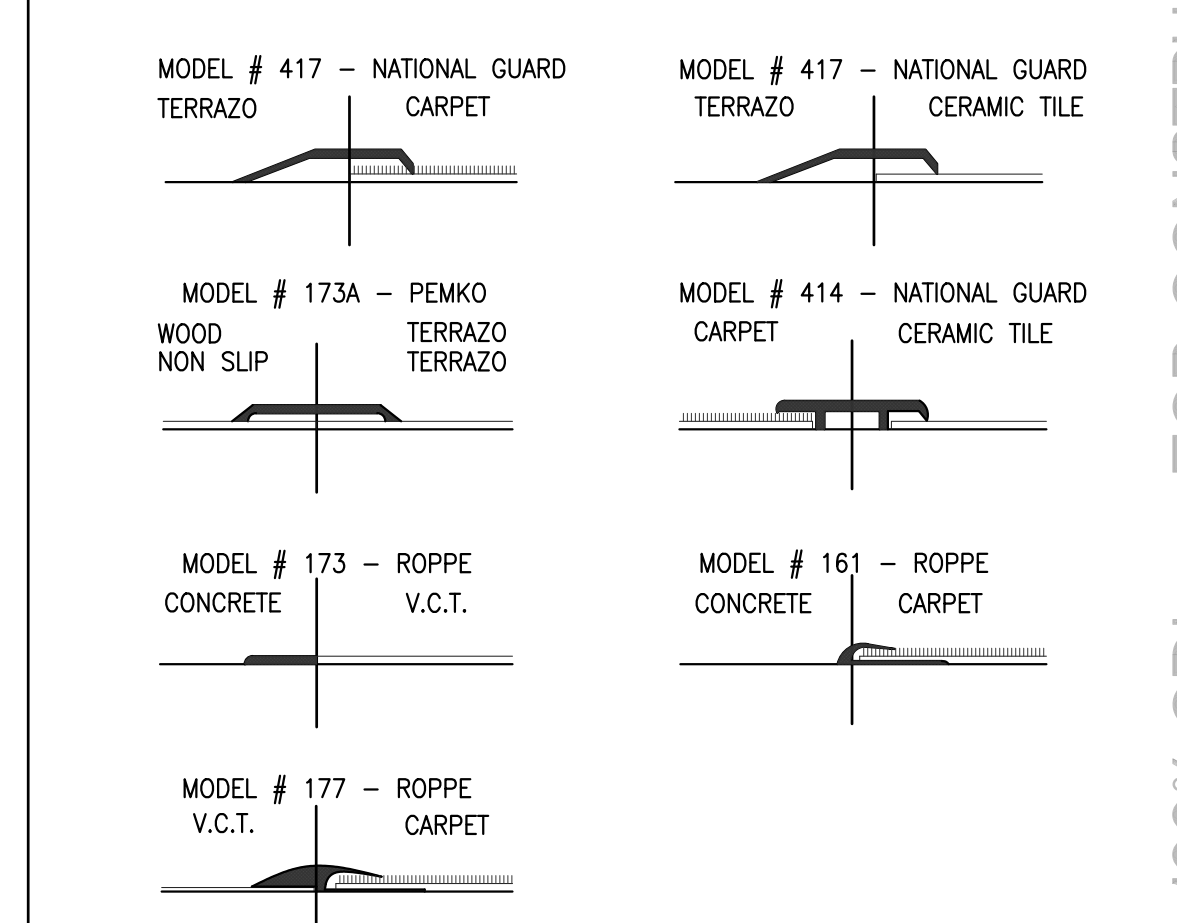


**3 EXT. DOOR THRESHOLD, TYP.**  
 SCALE: 3" = 1'-0"



**4 INT. DOOR THRESHOLD, TYP.**  
 SCALE: 3" = 1'-0"

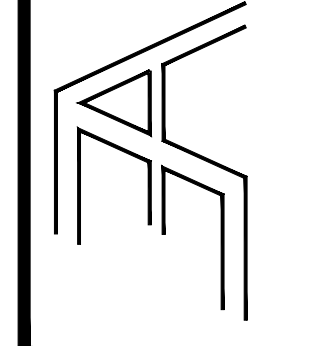
**5 NOT USED**  
 SCALE: N.T.S.



**1 INT. TRANSITION • FLOOR**  
 SCALE: N.T.S.

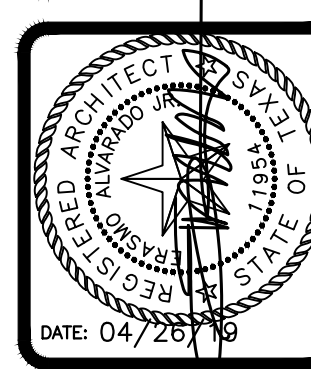
NO.	DATE	DESCRIPTION

**ALVARADO ARCHITECTS & ASSOCIATES, INC.**  
 ARCHITECTS, PLANNERS, CONSTRUCTION MANAGEMENT, INTERIORS  
 307 SOUTH MAIN ST. DONNA, TEXAS 78537  
 TEL: (956) 948-8253 FAX: (956) 464-8258



1902 JOE STEPHENS AVE.  
 STE. 101  
 WESLACO, TX 78596  
 TEL: (956) 948-8253  
 FAX: (956) 948-4477

**HIDALGO COUNTY, PCT.1**  
**SUNSET PARK OPERATIONS FACILITY**  
 MERCEDES, TEXAS



DRAWING TITLE:  
**REFLECTED CEILING PLAN**

FILE NAME:  
 1718

JOB NO.:  
 1718

DATE:  
 04/26/2019

DRAWN BY:  
 MG

CHECKED BY:  
 E.A. / E.A. III

SHEET:  
**A10.00**

**GENERAL RCP NOTES**

1. ALL CEILING AND SOFFIT HEIGHTS ARE GIVEN ABOVE FINISHED FLOOR ELEVATION (EL. 0'-0").
2. GENERALLY ONLY CEILING MOUNTED FIXTURES ARE SHOWN ON THIS PLAN. COORDINATE WITH MEP PLANS FOR ADDITIONAL INFORMATION.
3. SOME OR ALL SPRINKLERS MAY NOT BE SHOWN ON THIS PLAN. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION. SPRINKLER HEADS TO BE CENTERED ON CEILING TILE, TYP.
4. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEP DRAWINGS. COORDINATE LOCATIONS OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ACCESS PANEL FIRE RATINGS MUST MATCH CEILING ASSEMBLY FIRE RATINGS.
5. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
6. LIGHT FIXTURES ARE SHOWN FOR DIMENSIONAL PURPOSES ONLY COORDINATE WITH ELECTRICAL DRAWINGS FOR FIXTURE DESIGNATIONS.
7. IF PROJECT INCLUDES FIRE RATED CEILINGS, LIGHT FIXTURES LOCATED IN RATED CEILING ASSEMBLIES ARE TO BE TENTED OR OTHERWISE RATED TO MATCH THE CEILING.

**LIGHTING FIXTURE LEGEND**

- 2X4 LED LAY-IN FIXTURE
- 2X2 LED LAY-IN FIXTURE
- LINEAR PENDANT FIXTURE
- LINEAR STRIP FIXTURE
- RECESSED DOWN LIGHT
- CEILING FAN
- WALL MOUNTED SCONCE
- WALL PACK FIXTURE
- EXIT LIGHT

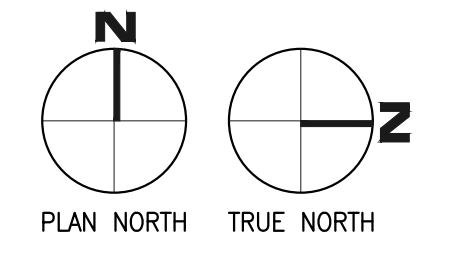
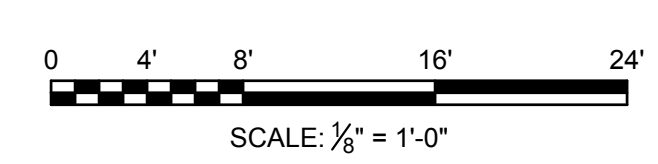
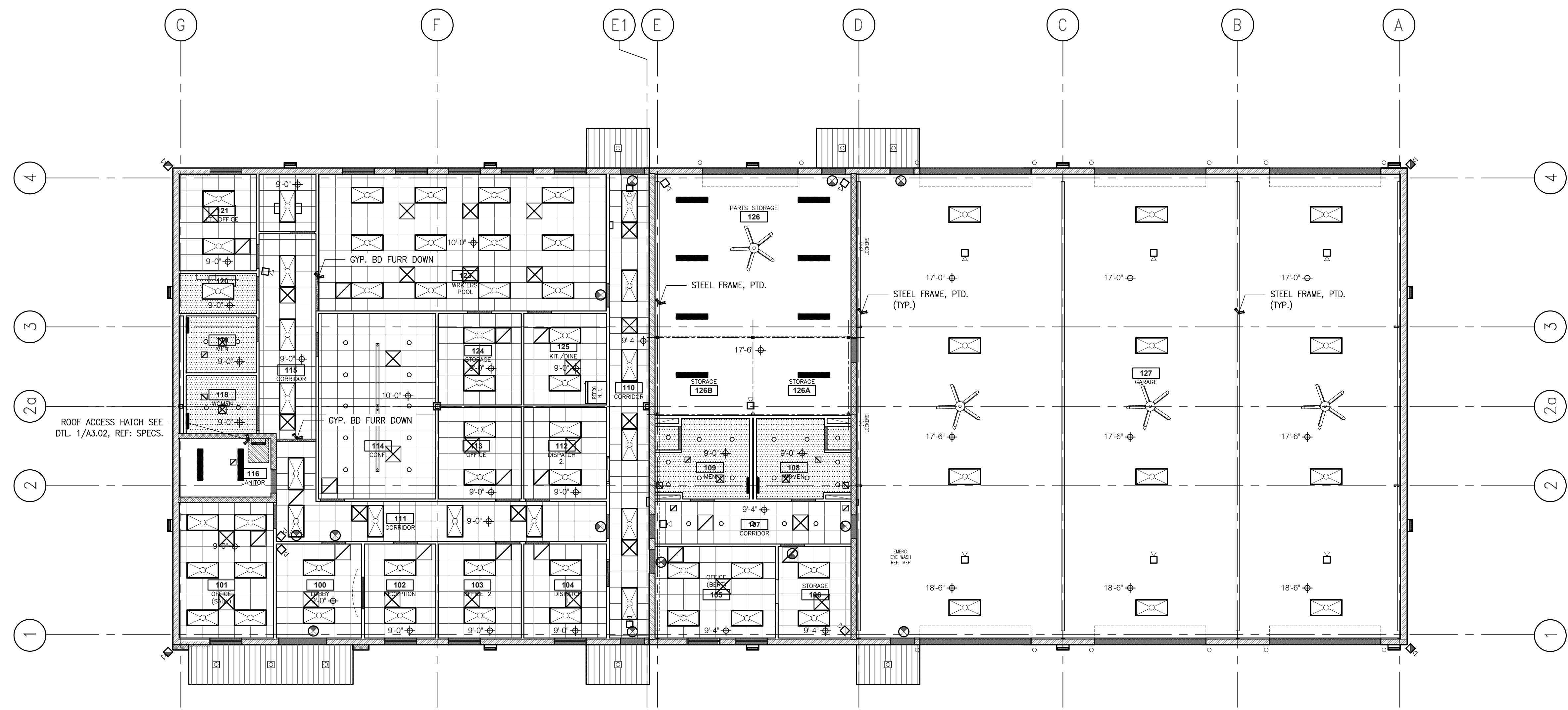
**CEILING LEGEND**

- ACT1 5/8" BELL-MOUTH ACROUSTIC LAY-IN, 1/2" MINIMUM PERFORATION LAY-IN (STANDARD 1")
- ACT2 5/8" BELL-MOUTH ACROUSTIC LAY-IN (STANDARD 1")
- PLASTER 5/8" BELL-MOUTH ACROUSTIC LAY-IN (STANDARD 1")
- METAL 5/8" BELL-MOUTH ACROUSTIC LAY-IN (STANDARD 1")
- EXPOSED EXPOSED STRUCTURE FINISHED
- GYP. BD. 1 5/8" BELL-MOUTH ACROUSTIC LAY-IN (STANDARD 1")
- GYP. BD. 2 5/8" BELL-MOUTH ACROUSTIC LAY-IN (STANDARD 1")
- CEILING SLURFS

**SECURITY DEVICES**

- EXTERIOR WALL MOUNTED CAMERA
- INTERIOR WALL MOUNTED CAMERA
- 360° VIEW CEILING MOUNTED CAMERA

NOTE: REFERENCE MEP DRAWINGS



100% CD's - FOR CONSTRUCTION