
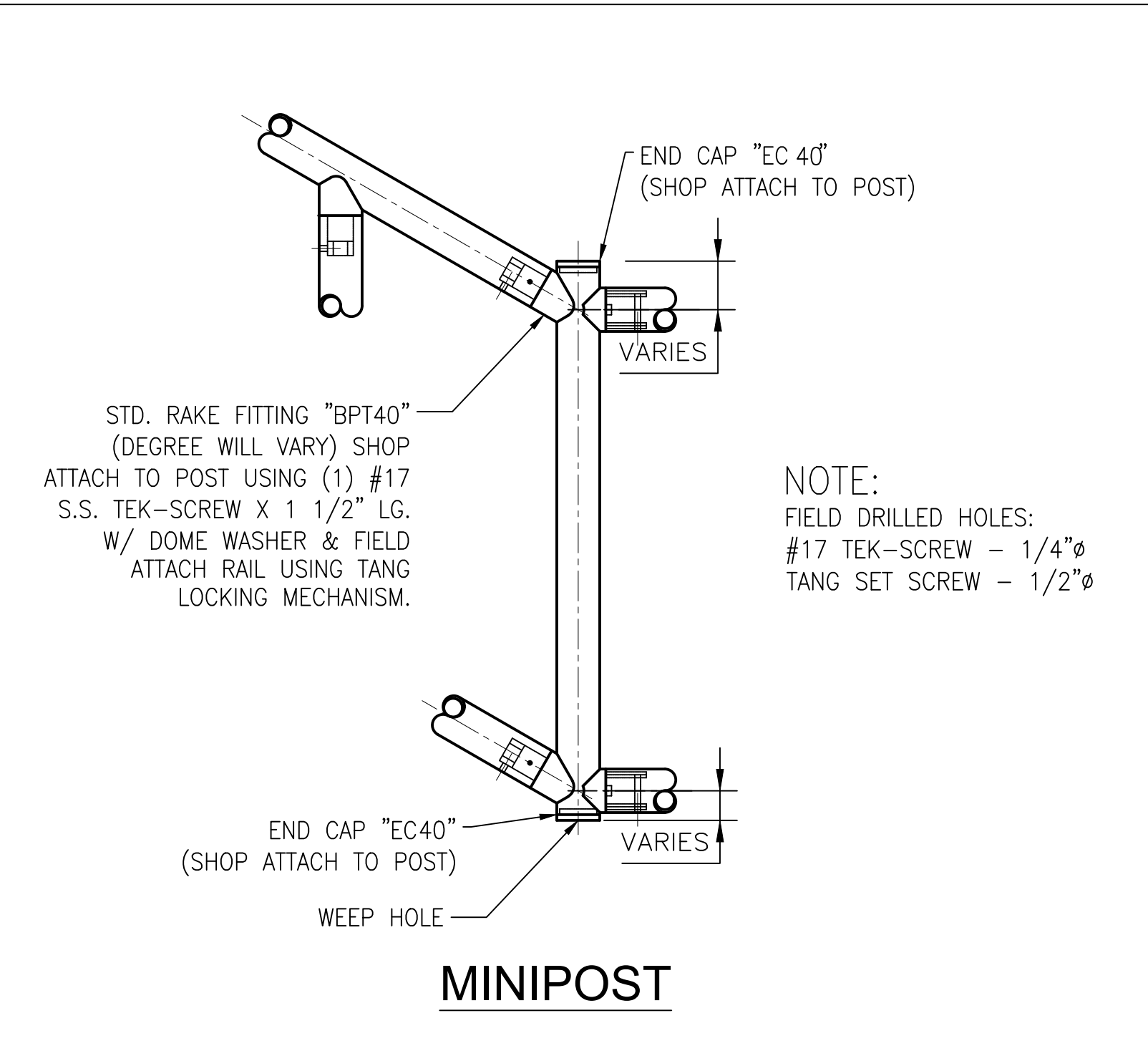
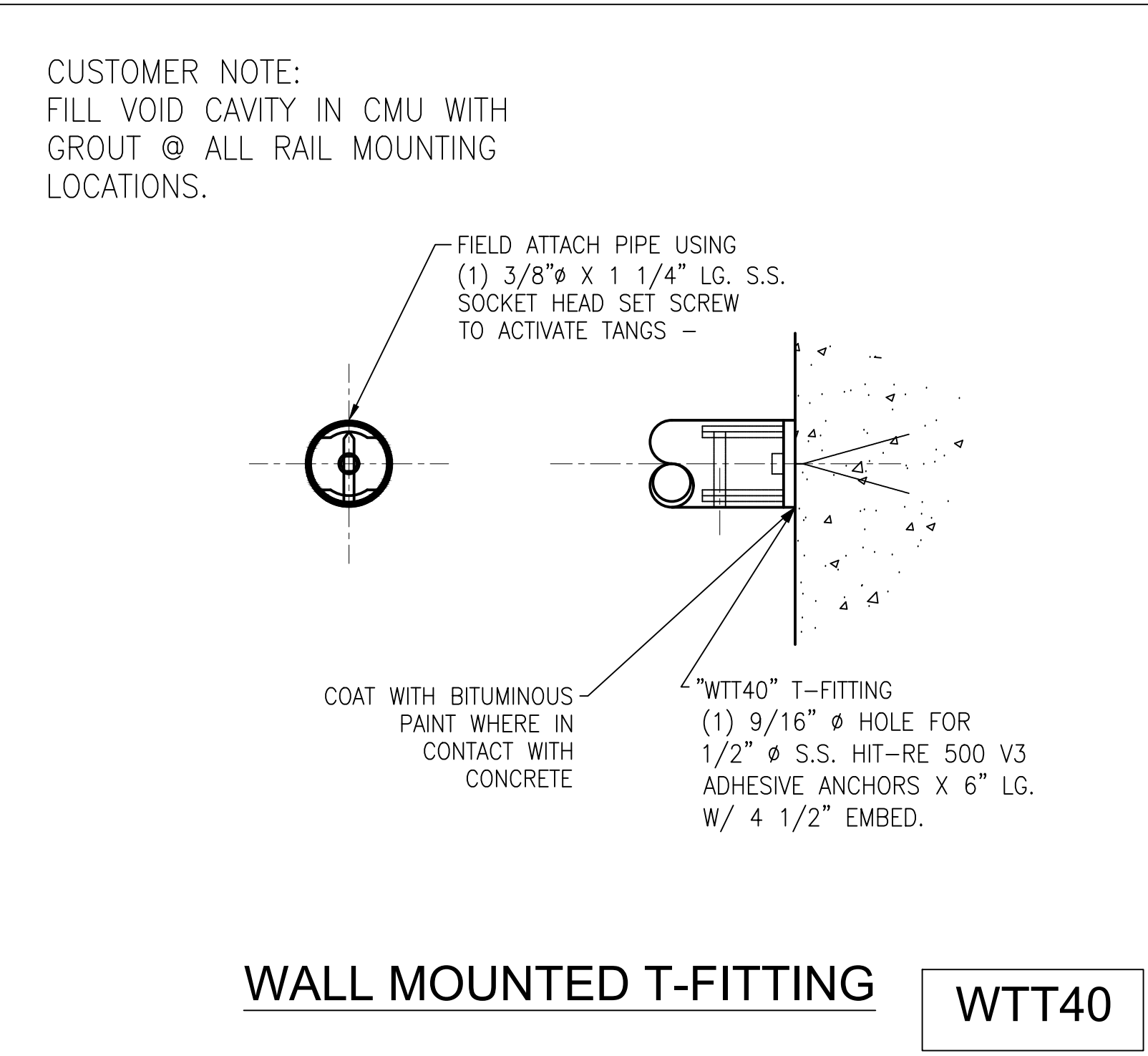
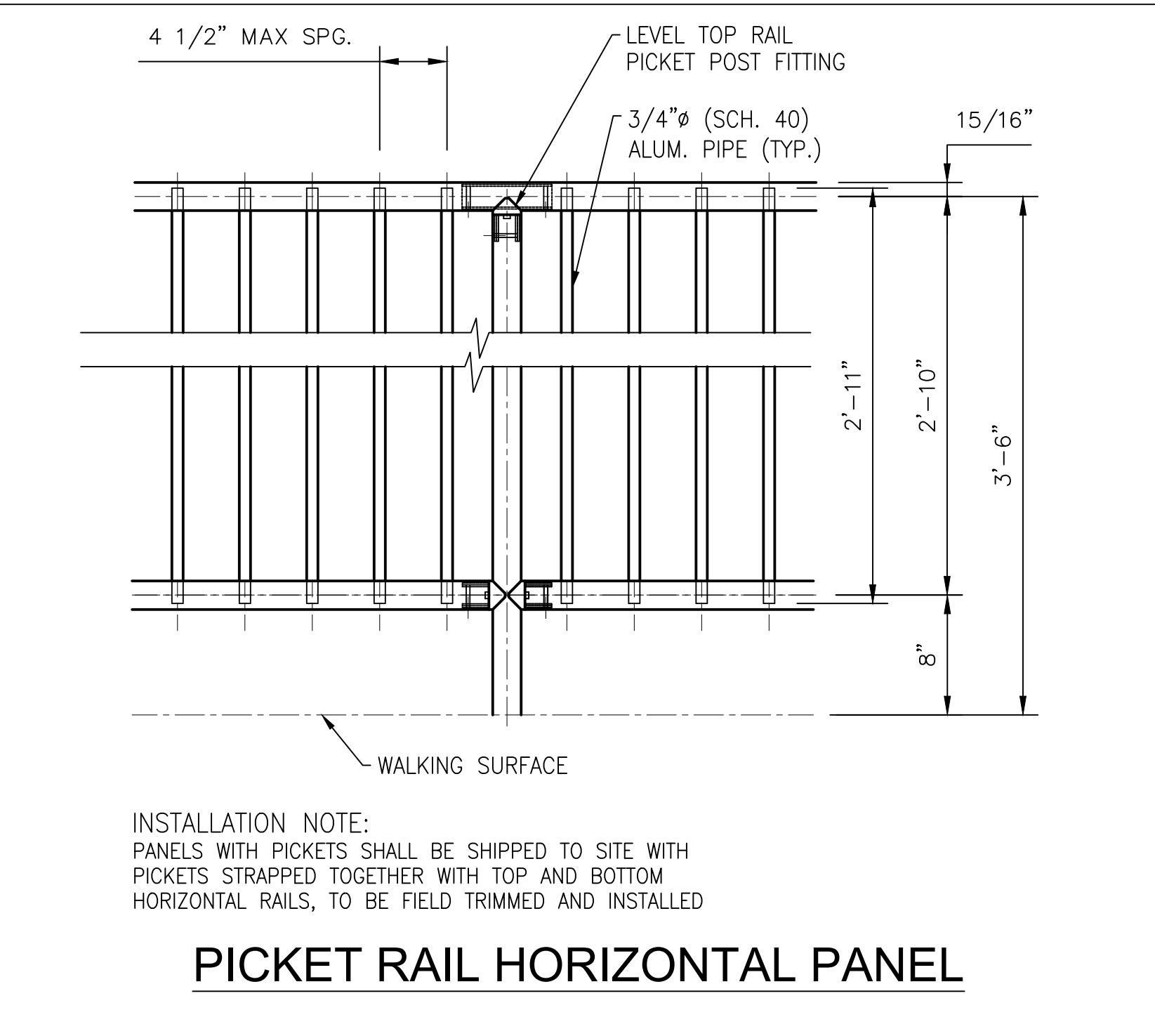
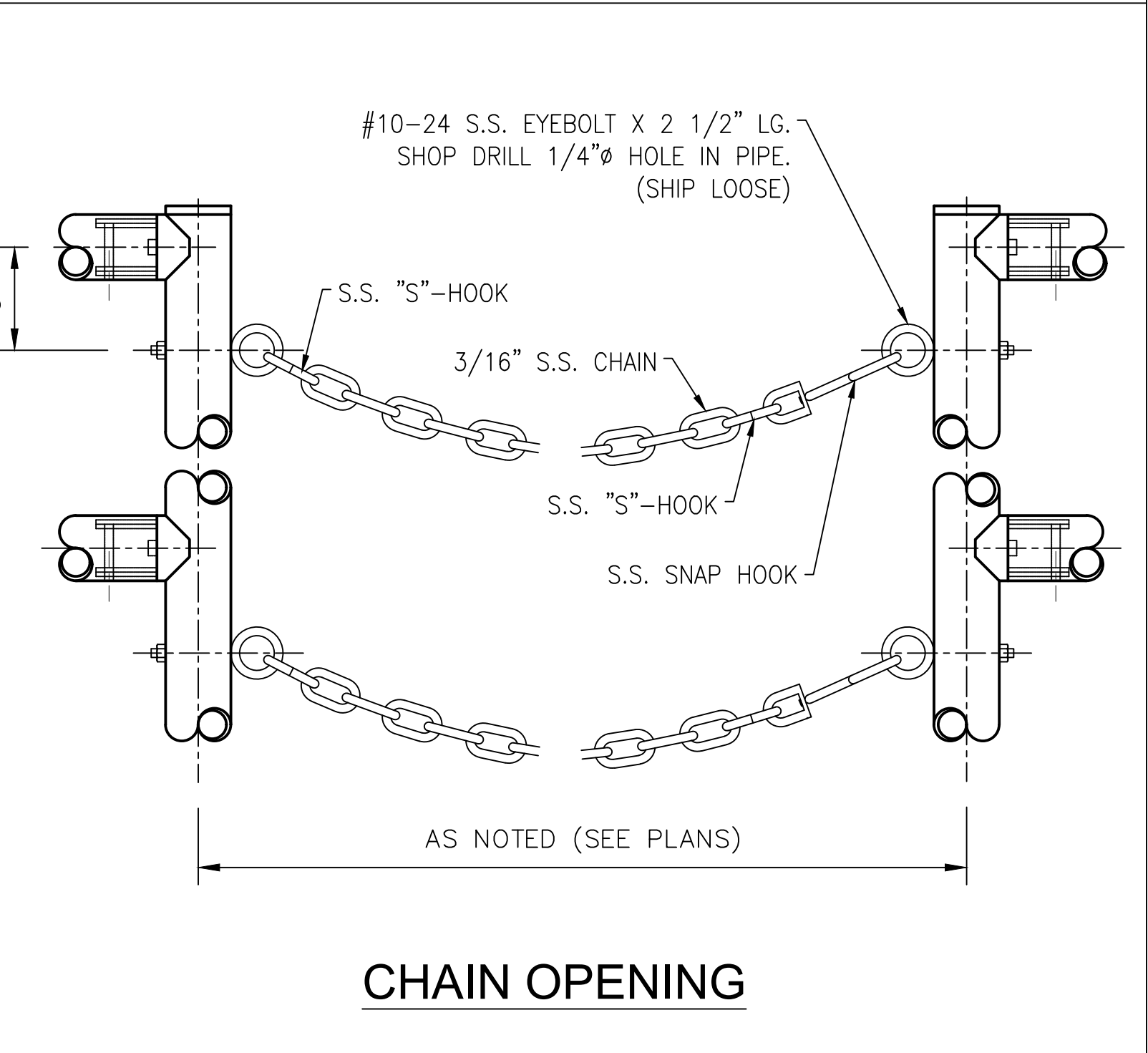
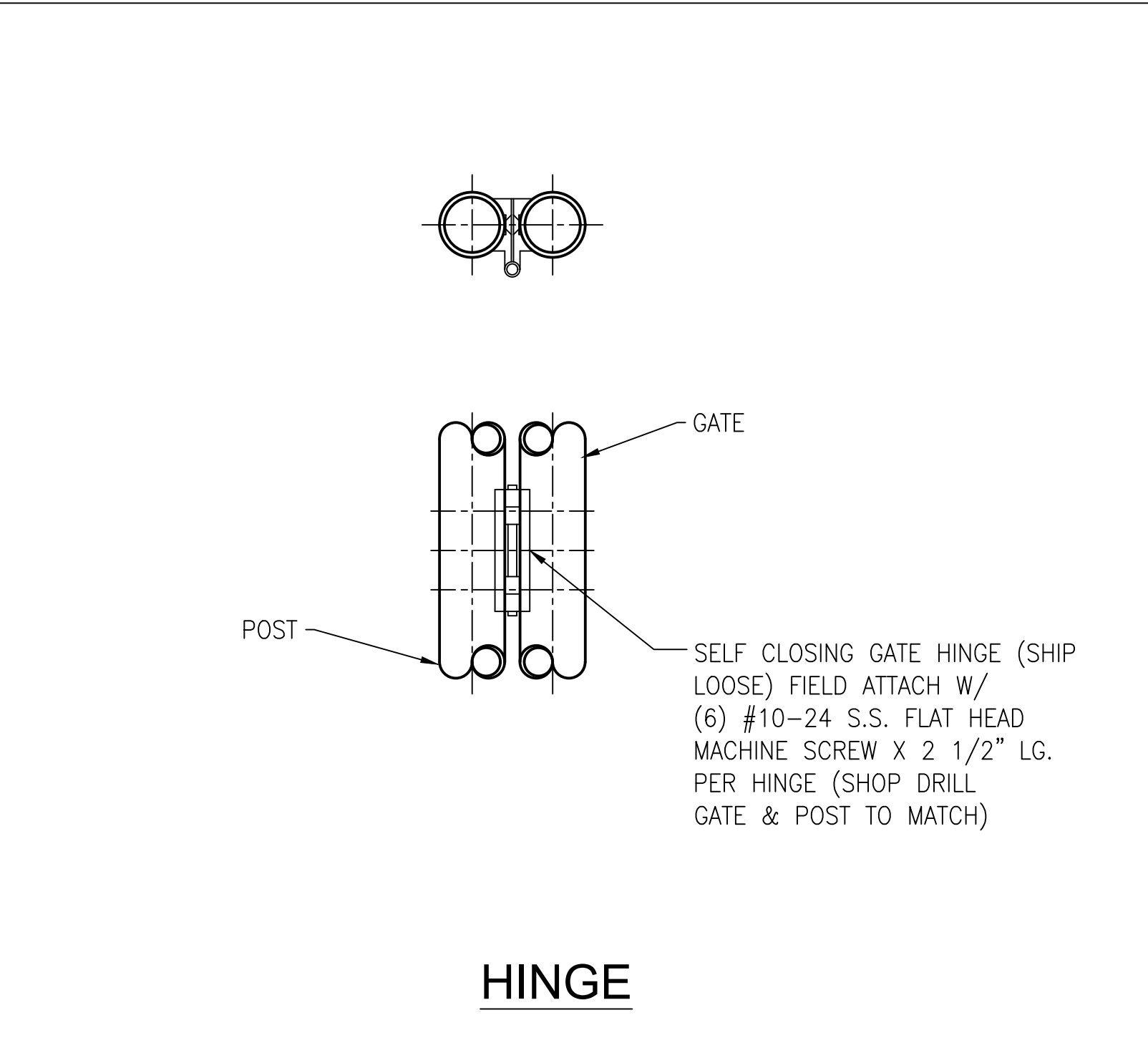
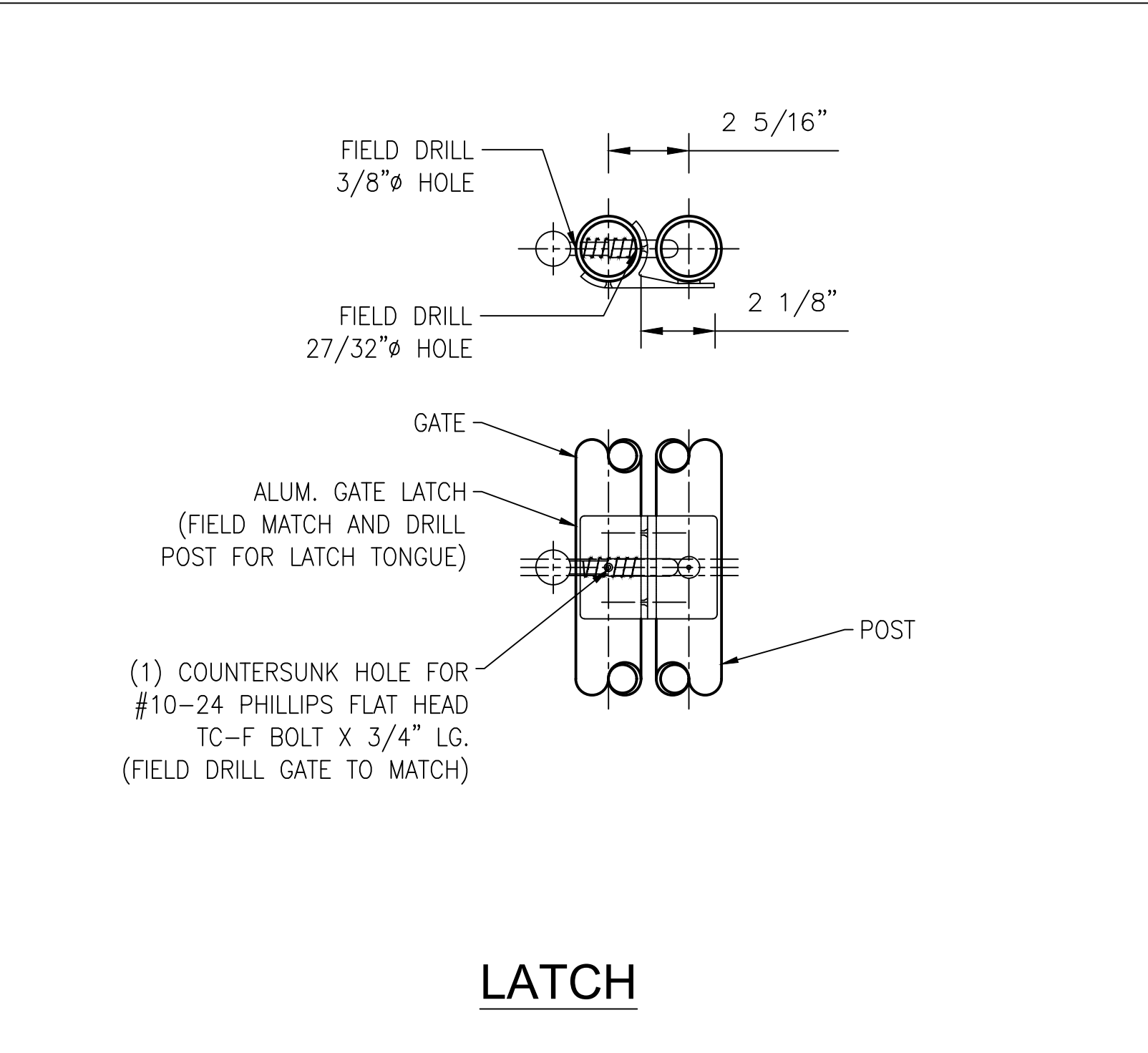
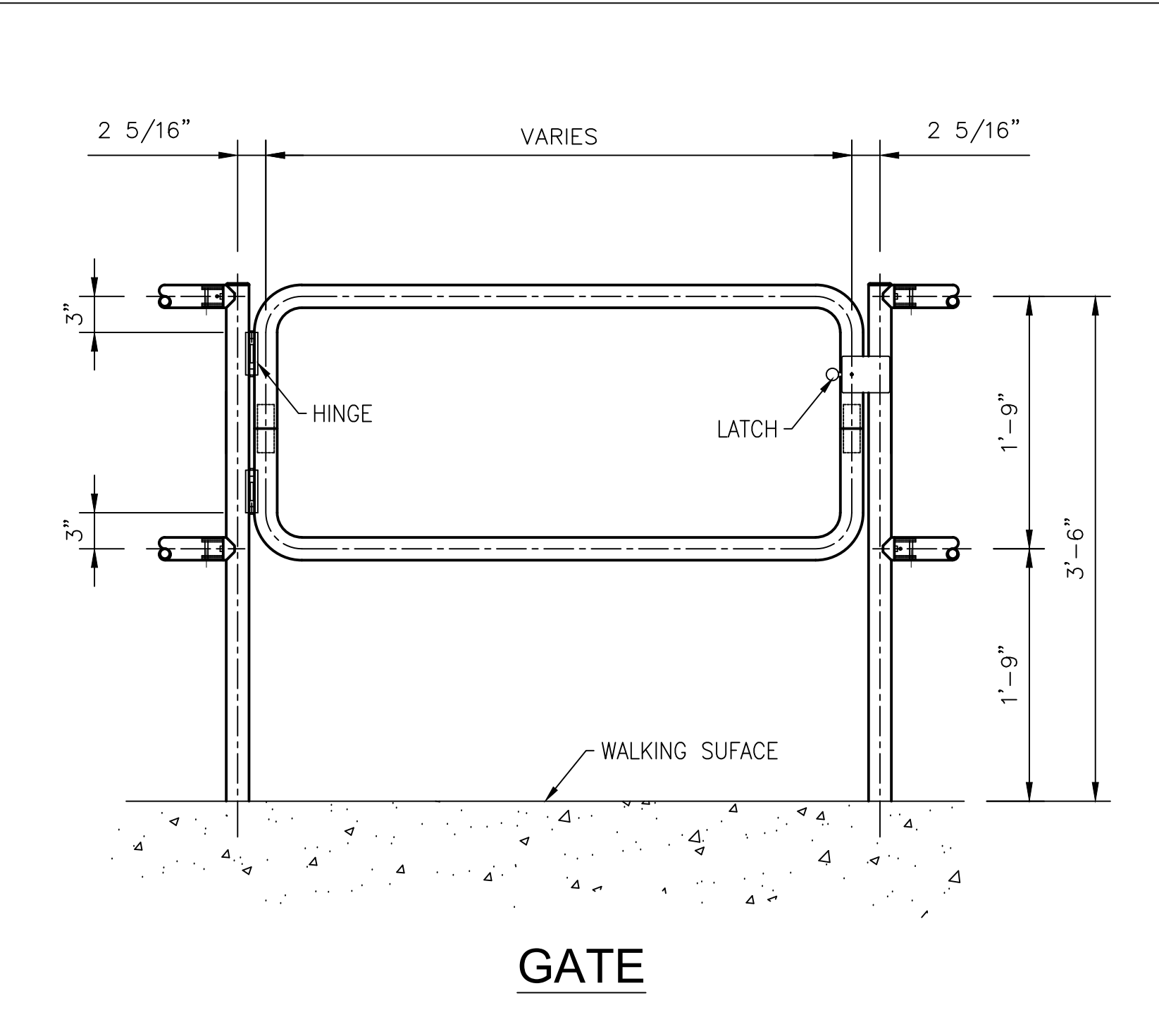
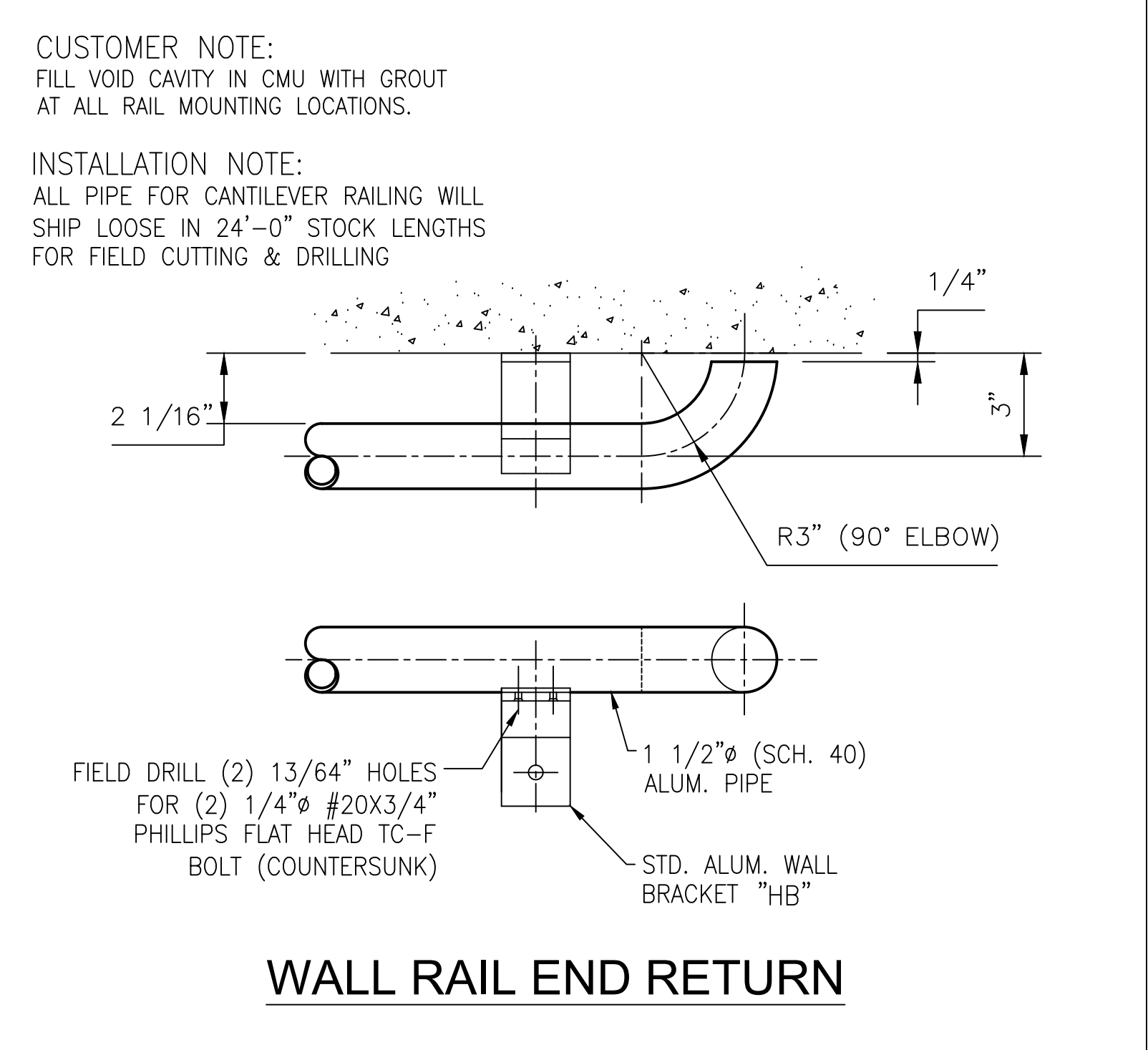
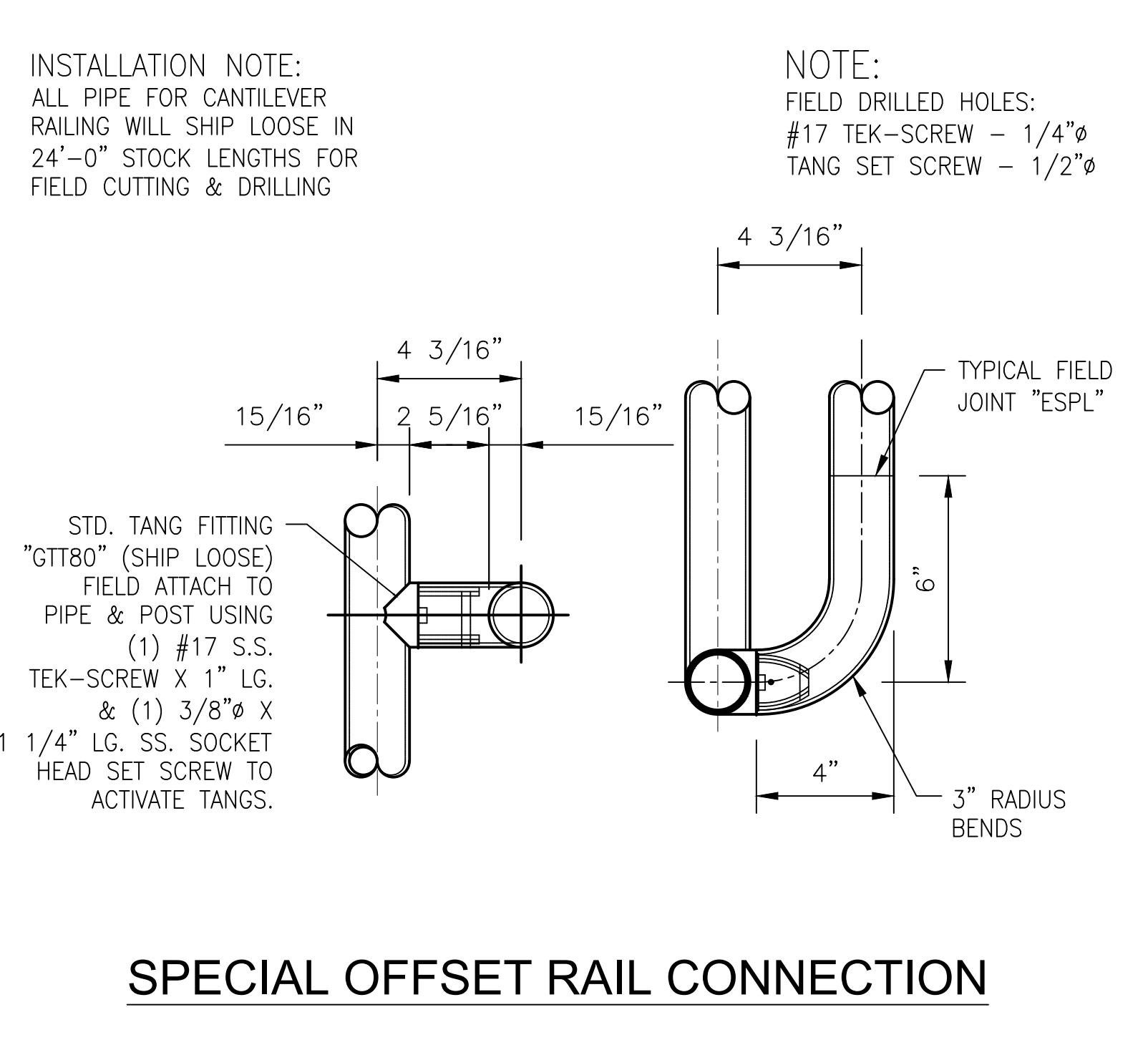
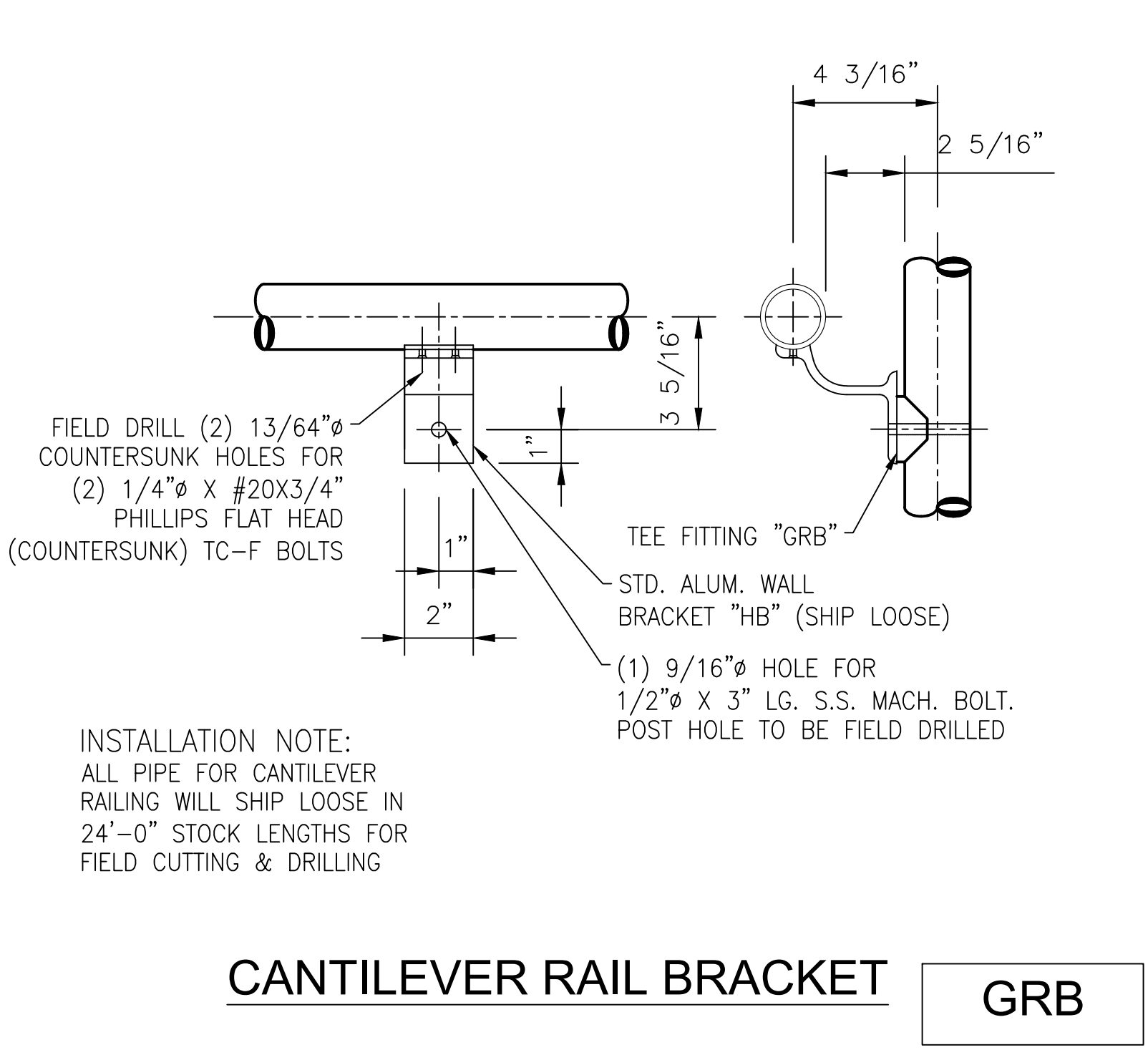
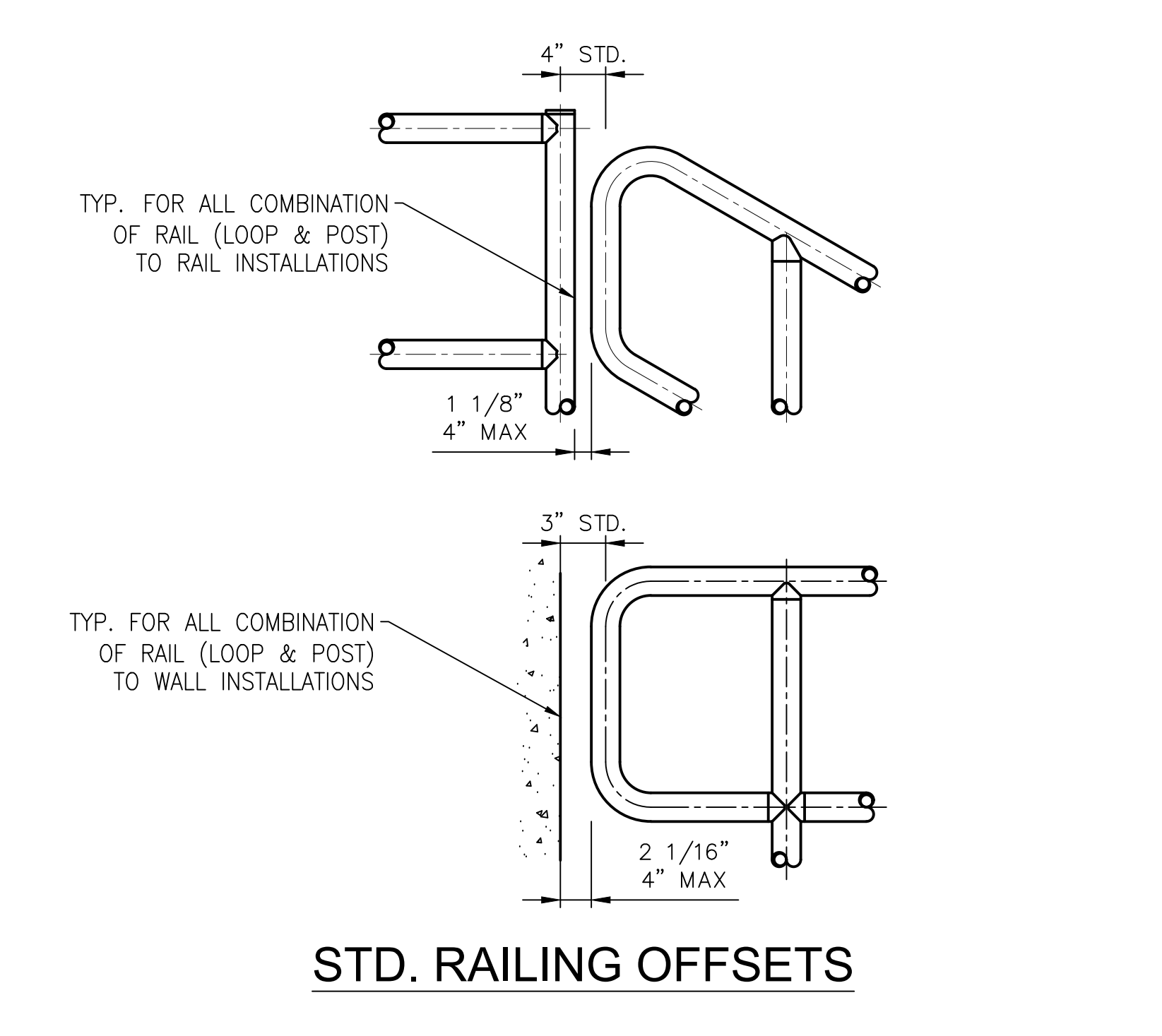



GENERAL NOTES

- ALL RAIL IS TO BE OF MECHANICAL CONSTRUCTION U.N.O.
- ALL RAILS ARE TO BE FABRICATED FROM 1 1/2"Ø (SCH. 40) ALUMINUM PIPE (6005A-T61 ALLOY) (U.N.O.)
- ALL POSTS ARE TO BE FABRICATED FROM 1 1/2"Ø (SCH. 40) ALUMINUM PIPE (6005A-T61 ALLOY) (U.N.O.)
- ALL EXTRUDED COMPONENTS ARE 6005A-T61 ALLOY, CAST COMPONENTS ARE 535 ALLOY
- ALL FASTENERS (SELF TAPPING SCREWS, MACHINE BOLTS, ADHESIVE ANCHORS, ETC.) TO BE 304 STAINLESS STEEL
- ALL RAILING SURFACES IN CONTACT WITH CONCRETE OR DISSIMILAR METALS SHALL RECEIVE ONE 1/16" THICK NEOPRENE GASKET (SHIPPED LOOSE FOR FIELD ATTACHMENT)
- ALL BOLTS, NUTS AND FLAT WASHERS USED TO MOUNT RAILINGS TO FLOORS, WALLS, STEEL, ETC. ARE BY PTP ENGINEERED RAILINGS
- ALL KICK PLATES ("FKP" OR "SKP") SHALL BE SHIPPED LOOSE IN 24'-0" LG. STOCK LENGTHS OR SMALLER FOR FIELD CUTTING & DRILLING AS NEEDED
** ALL RADII MUST BE VERIFIED PRIOR TO FABRICATION **
- ALL PANELS ARE FURNISHED IN ASSEMBLED SECTIONS UP TO 24'-0" LG. (MAX.)
- PIPE FOR CURVED RAIL IS FURNISHED SUB-ASSEMBLED IN 21'-0" (MAX). ROLLED LENGTHS FOR FIELD CUTTING & DRILLING AS NEEDED.
- BENDS WITH A 3" C/L RADIUS ARE FURNISHED AS NEEDED & MUST BE FIELD CUT FOR FIELD CONDITIONS
- ALL RAIL WHEN PROPERLY INSTALLED SHALL MEET OR EXCEED OSHA REQUIREMENTS.
- MAX. POST SPACING TO BE 6'-0" C/C
- ALL RAIL IS TO BE FINISHED IN ACCORDANCE WITH THE ALUMINUM ASSOCIATION'S DESIGNATION M10C22A41 OR M12C22A41
- PIPE FOR CANTILEVER RAILING WILL SHIP LOOSE IN UP TO 24'-0" STOCK LENGTHS FOR FIELD CUTTING AND DRILLING AS NEEDED
- ALL DIMENSIONS SHOWN THROUGHOUT THIS SET ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BEFORE FABRICATION AND INSTALLATION

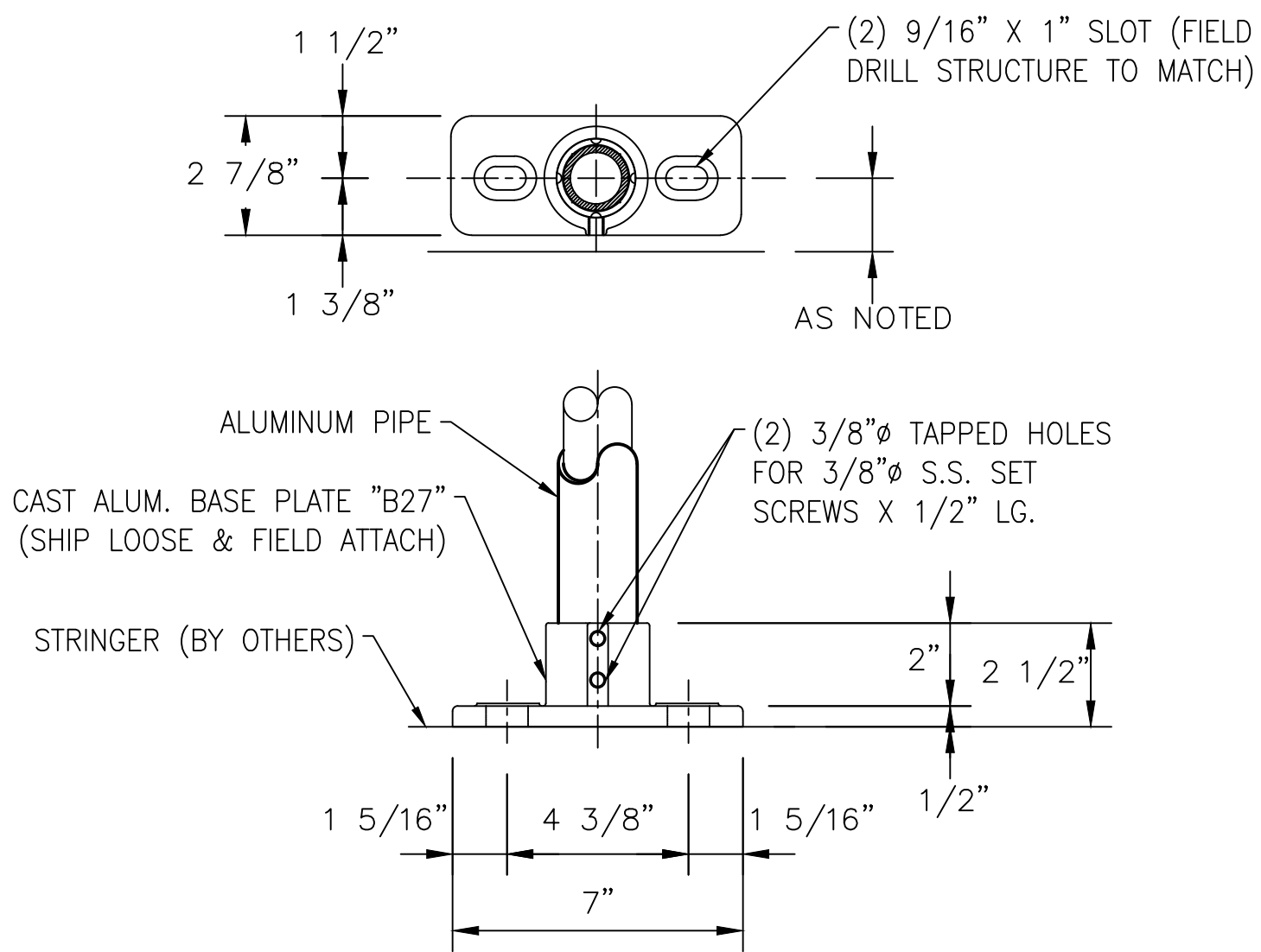
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1	SUBMITTAL	9/19/2017
REV	DESCRIPTION	DATE
	 3000 YOUNGFIELD ST. SUITE 275 WHEAT RIDGE, CO 80215 Ph. (720)508-3819 FAX (720)409-3843	NOTICE TO CONTRACTOR AND ERECTOR: BACK CHARGES FOR CORRECTIVE WORK OR REPLACEMENT MATERIALS WILL NOT BE ACCEPTED UNLESS AUTHORIZED BY PEAK TO PEAK ENGINEERED RAILINGS, INC. BEFORE SUCH COSTS ARE INCURRED
STANDARD DETAILS CITY, ST ALUMINUM HANDRAIL - TANG SYSTEM - SHOP ASSEMBLED		
DESIGNER	DESIGNER	CUSTOMER
CUSTOMER JOB #	XXXX-XX	PRINT DATE
3/13/2020	ISSUE DATE	3/13/2020
3/13/2020	SCALE	NTS
CONTRACT NO	XXX-XXX	DRAWING NO.
SD-1		



REV		DESCRIPTION				DATE	
<div><p>3000 YOUNGFIELD ST. SUITE 275 WHEAT RIDGE, CO 80215 Ph. (720)508-3819 FAX (720)409-3843</p></div>						NOTICE TO CONTRACTOR AND ERECTOR: BACK CHARGES FOR CORRECTIVE WORK OR REPLACEMENT MATERIALS WILL NOT BE ACCEPTED UNLESS AUTHORIZED BY PEAK TO PEAK ENGINEERED RAILINGS, INC. BEFORE SUCH COSTS ARE INCURRED	
STANDARD DETAILS							
CITY, ST							
ALUMINUM HANDRAIL - TANG SYSTEM - SHOP ASSEMBLED							
DESIGNER	DESIGNER	CUSTOMER	CUSTOMER	DWG TITLE	HANDRAIL DETAILS		
CUSTOMER JOB #	XXXX-XX	PRINT DATE	3/13/2020	ISSUE DATE	3/13/2020	CONTRACT NO	DRAWING NO.
DETAILED BY	INT	CHECKER	INT	SCALE	NTS	XXX-XXX	SD-2

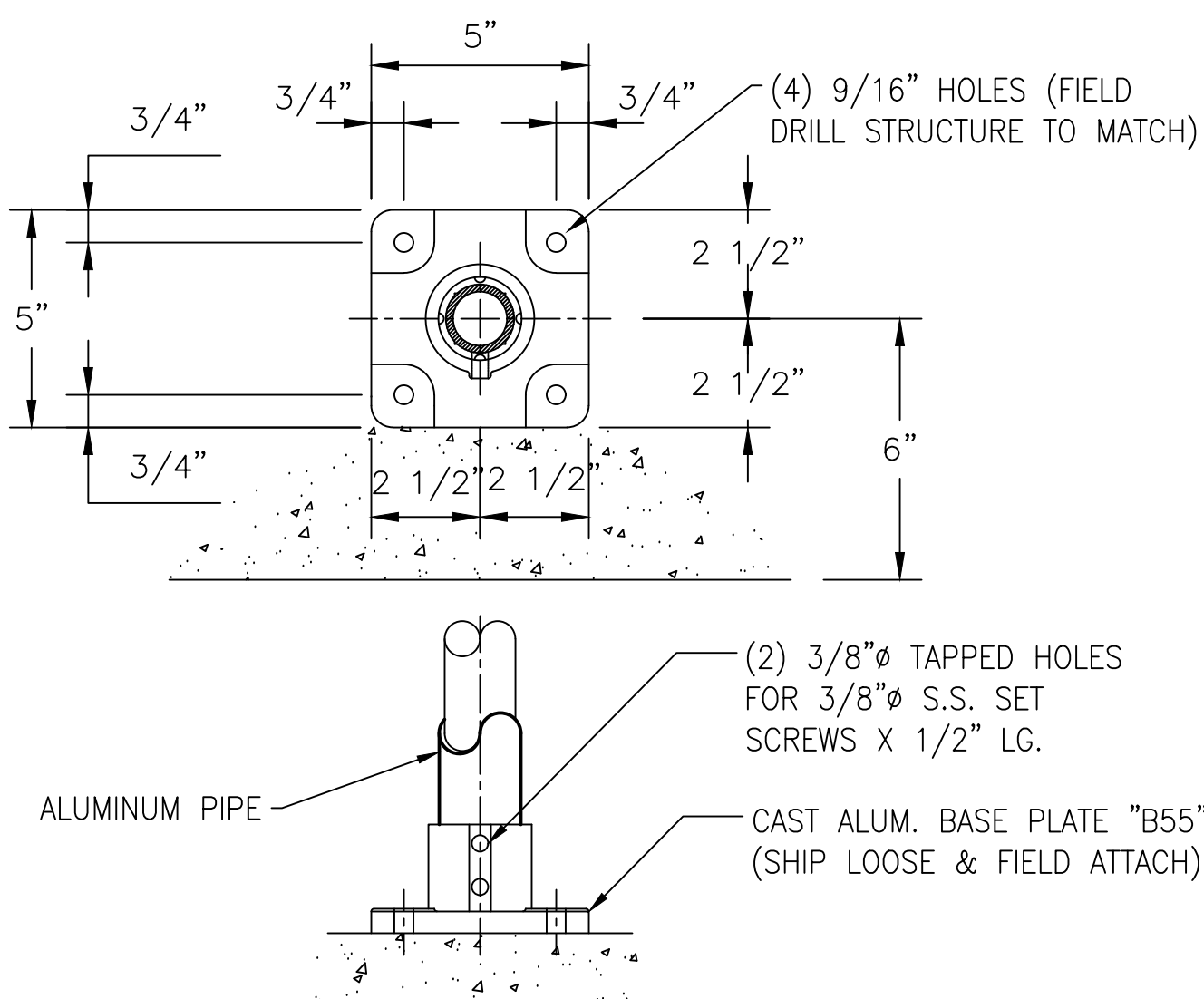
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	N/A	-	-	-



LEVEL STL. LINE POST

B27

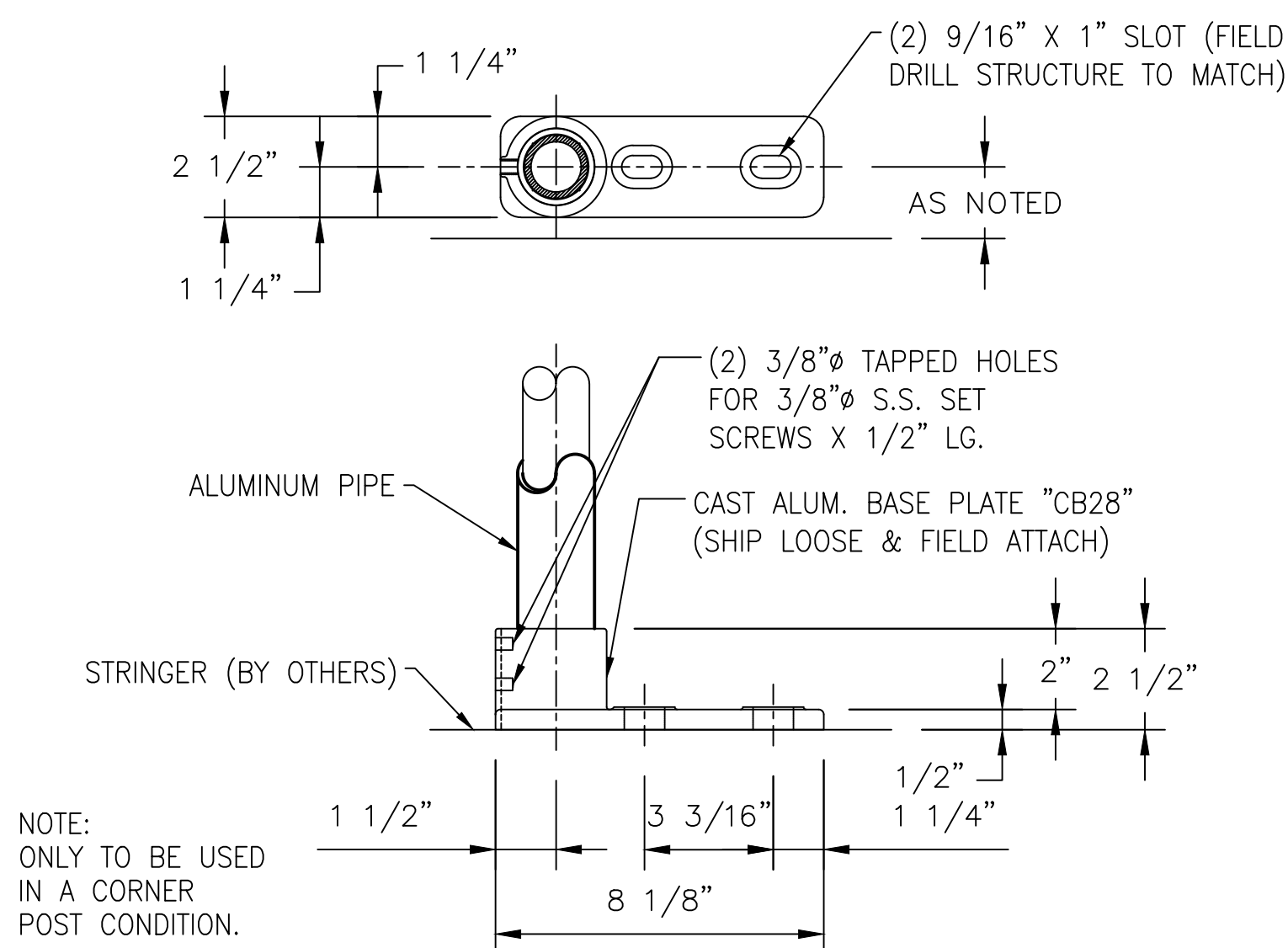
MOUNTING CONDITIONS				
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STEEL	S.S. MECHANICAL BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHORS	1/2"	6"	4 1/2"



LEVEL CONC. LINE POST

B55

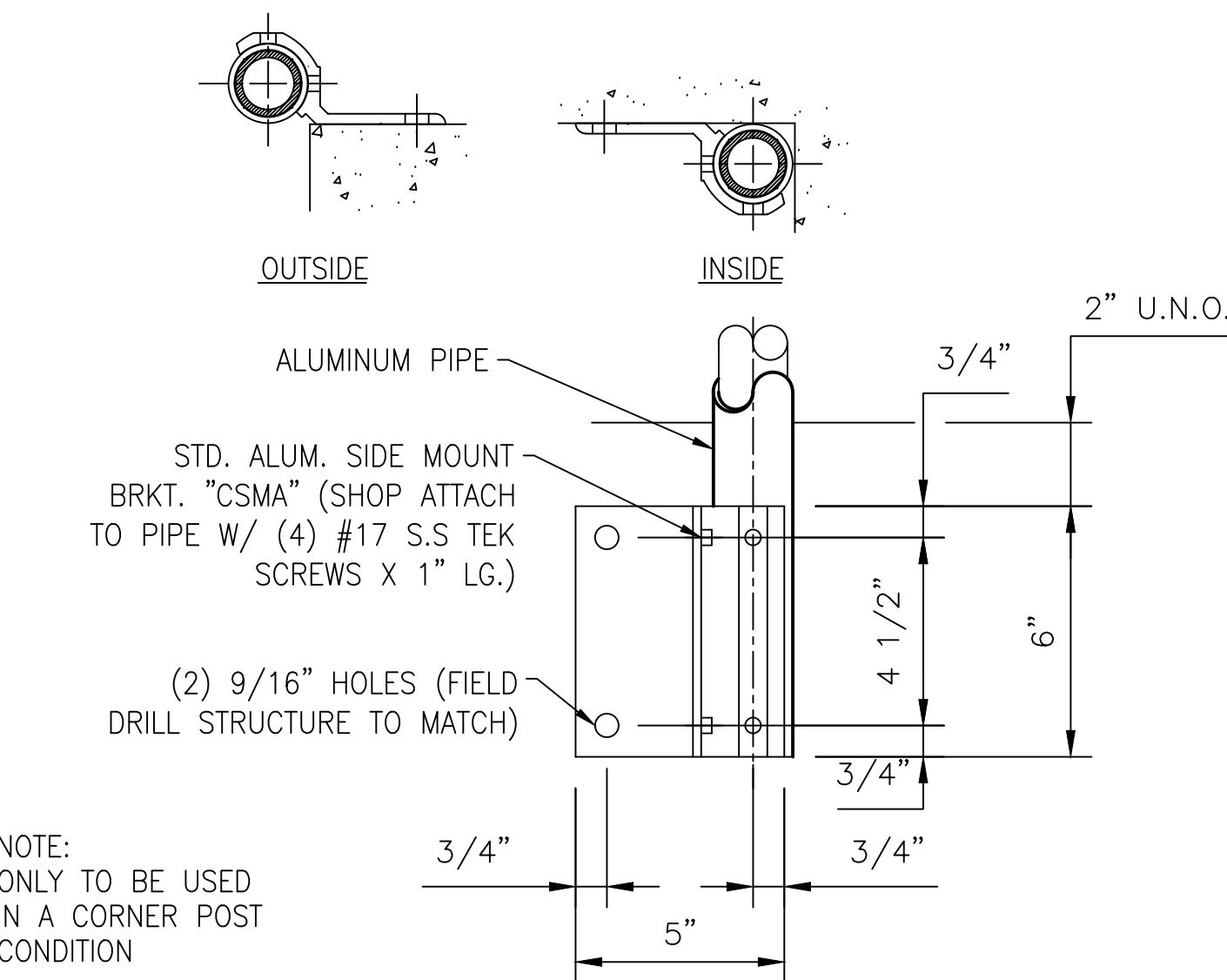
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHORS	1/2"	6"	4 1/2"



LEVEL CORNER POST

CB28

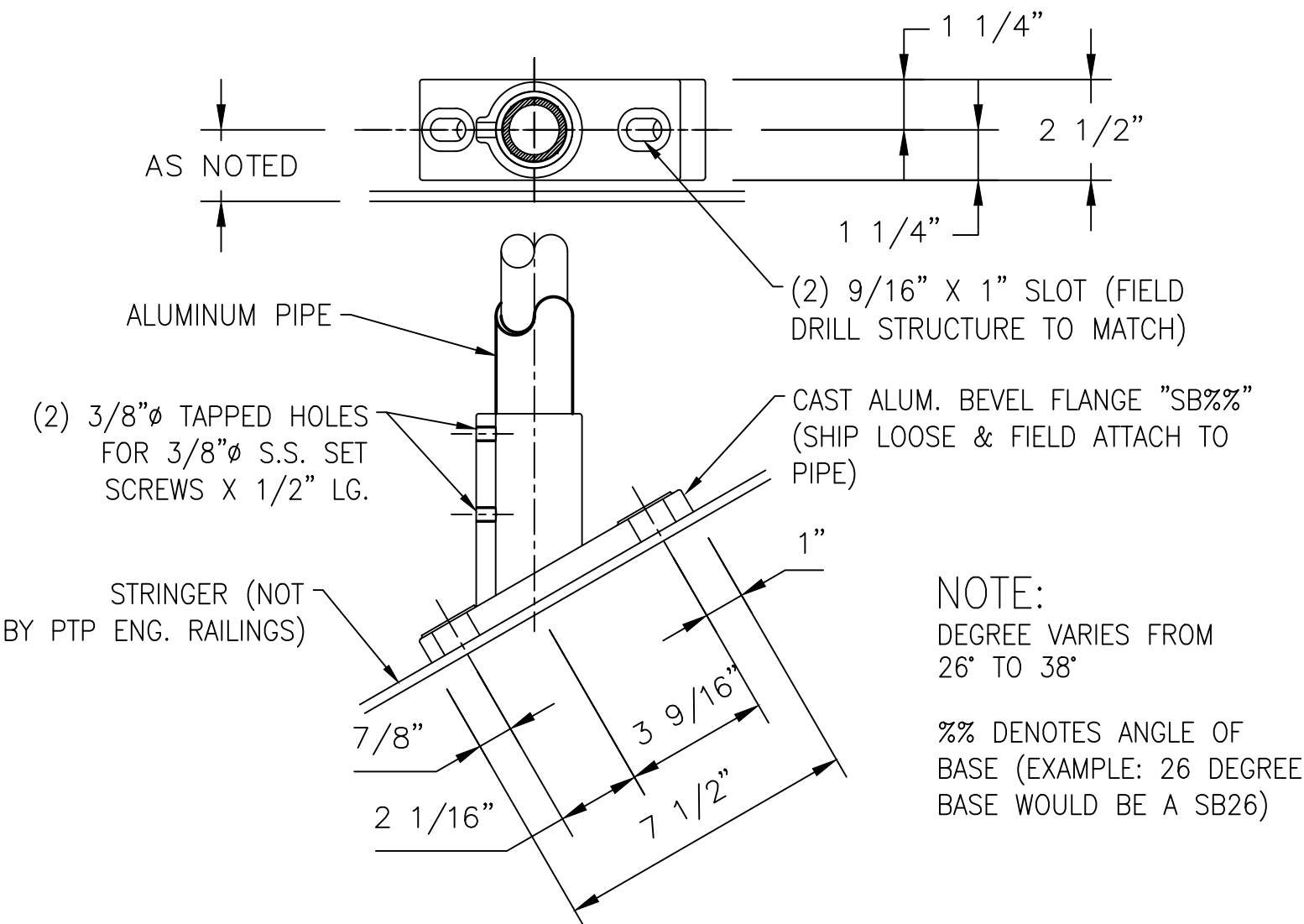
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHORS	1/2"	6"	4 1/2"



CONC. CORNER SIDE MOUNT

CSMA

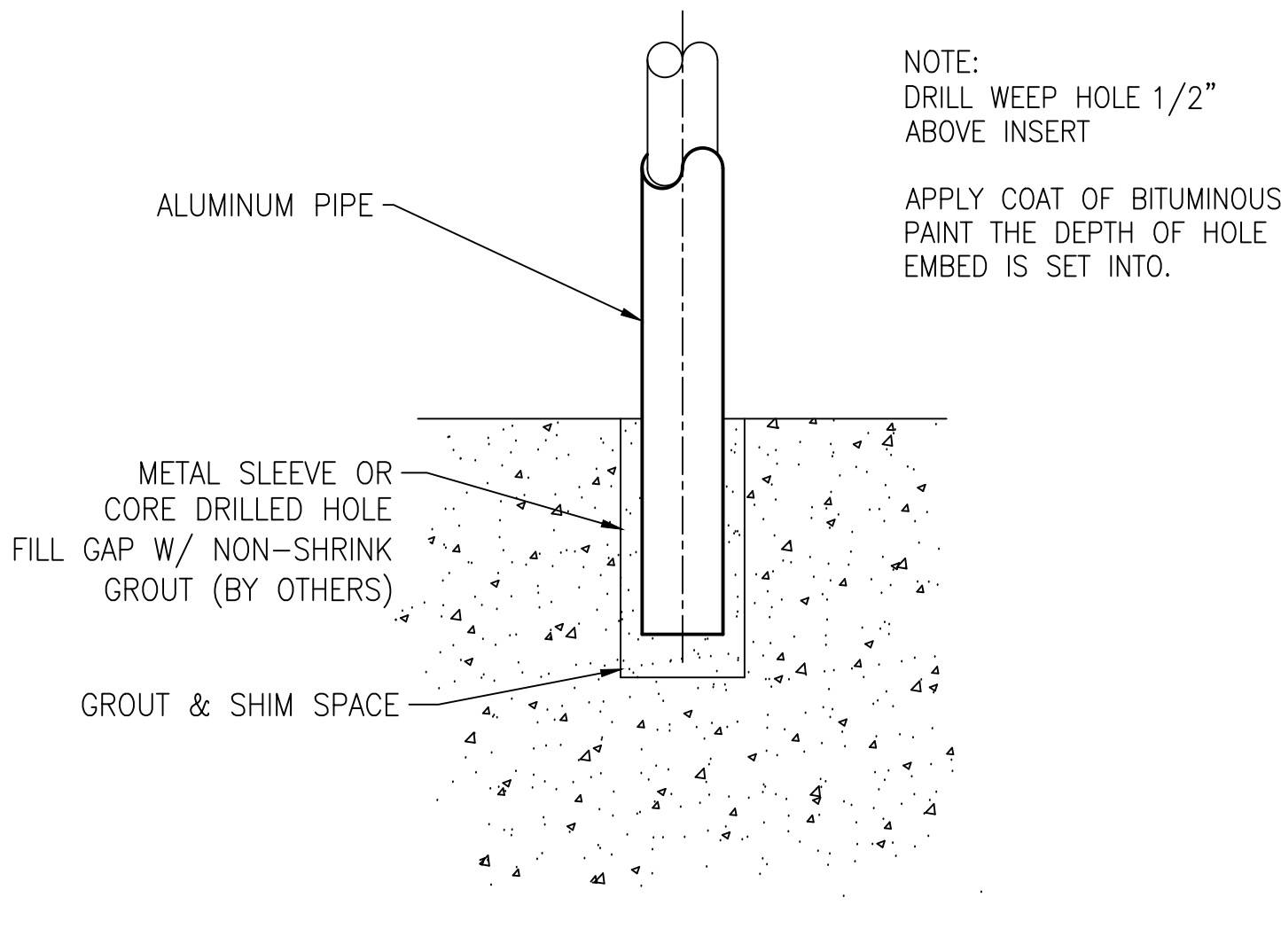
MOUNTING CONDITIONS				
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STEEL	S.S. MACHINE BOLT	1/2"	2 1/2"	N/A
CONCRETE	N/A	-	-	-



RAKE STL. LINE POST

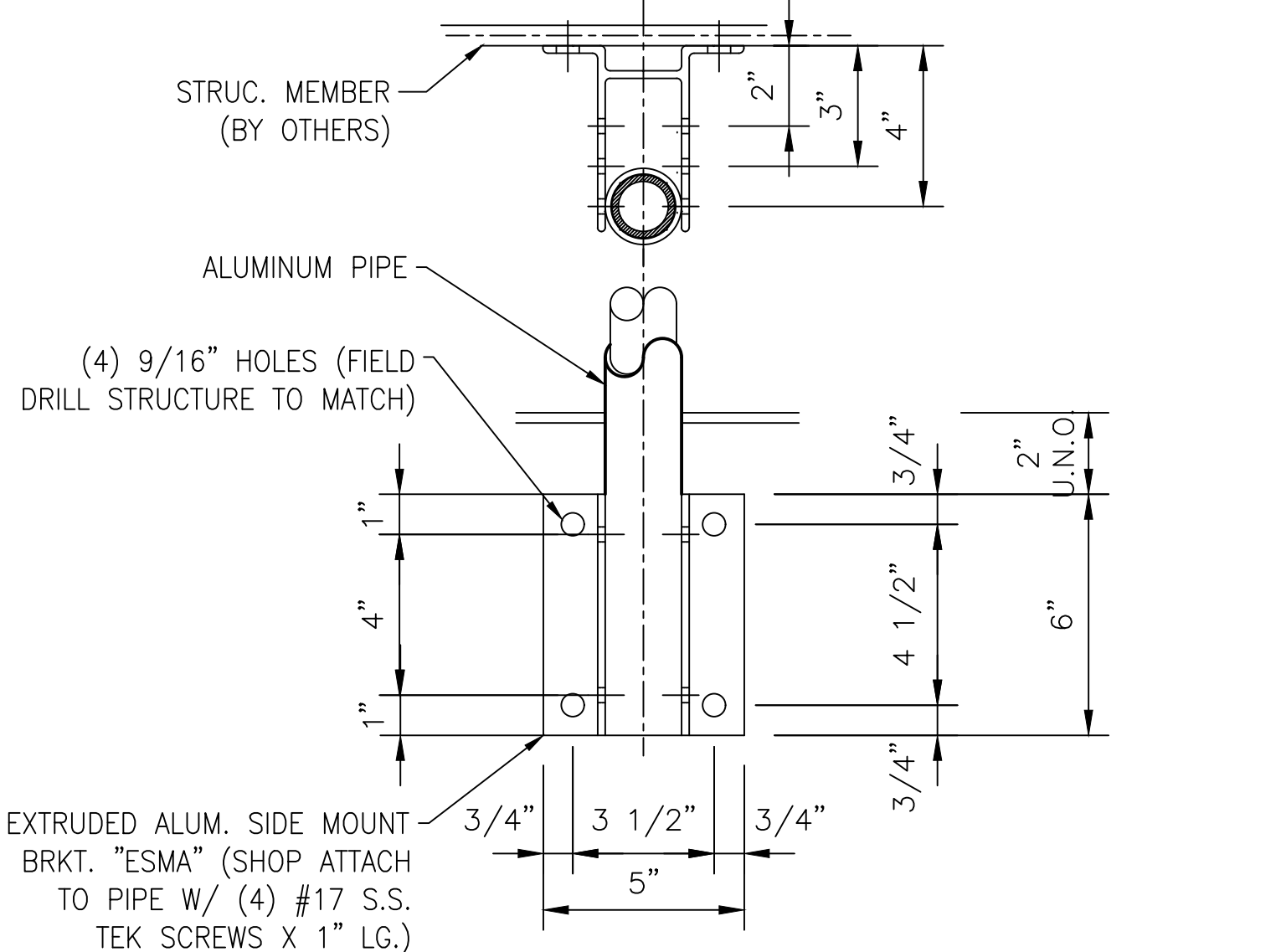
SB%%

MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	N/A	-	-	-
CONCRETE	N/A	-	-	-



EMBED POST

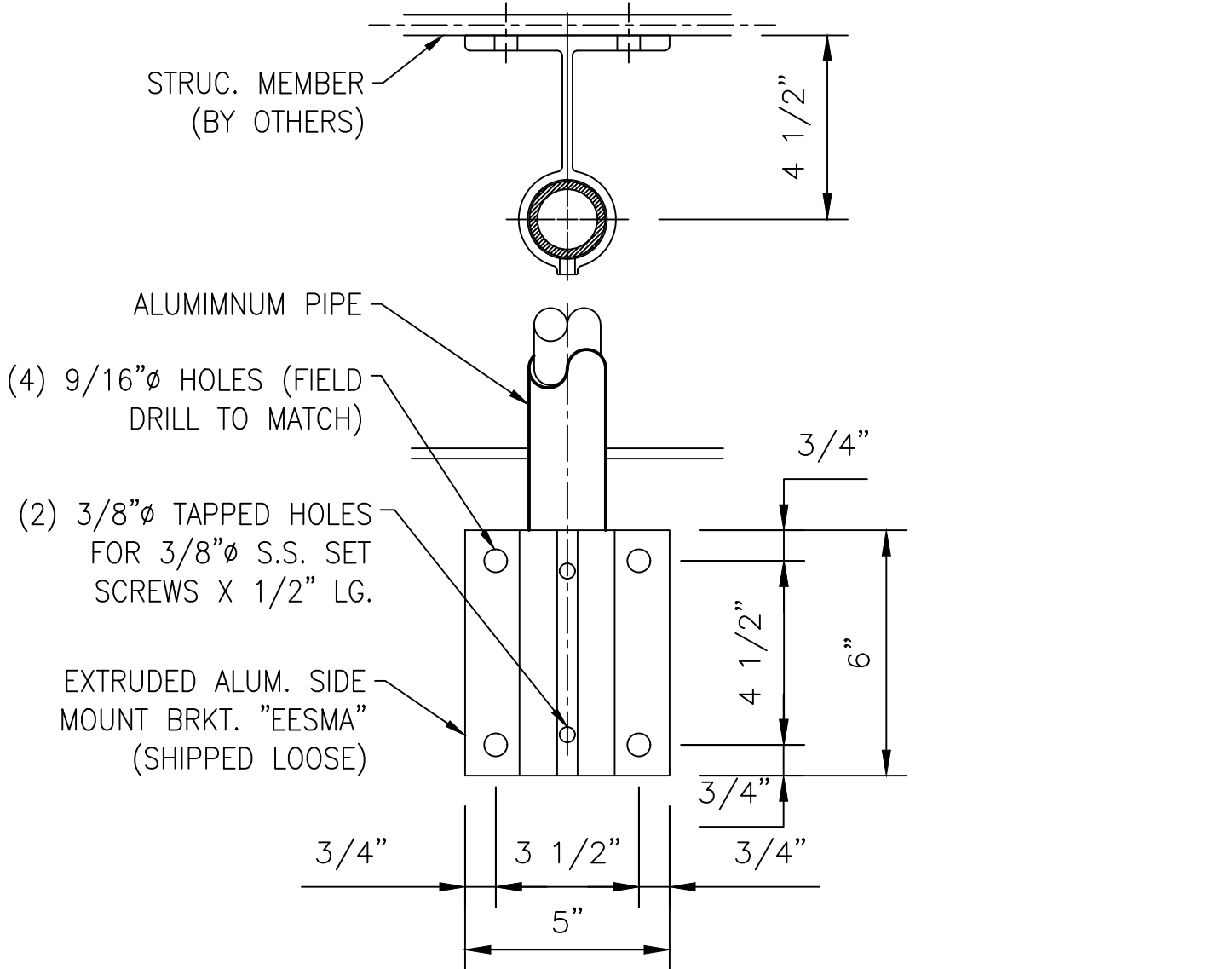
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHORS	1/2"	6"	4 1/2"



SIDE MOUNT 4-HOLE

ESMA

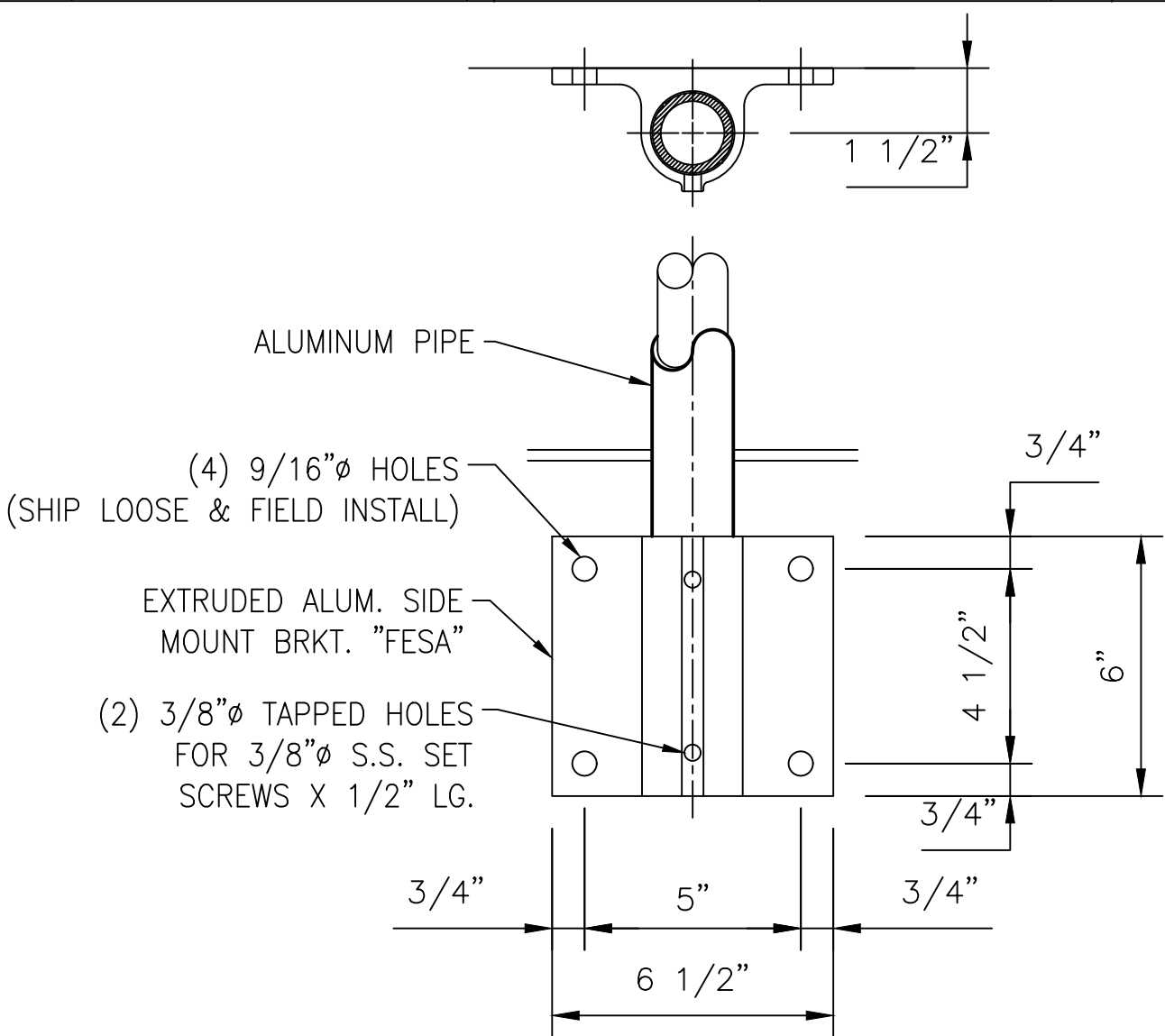
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHORS	1/2"	6"	4 1/2"



SIDE MOUNT 4-HOLE

EESMA

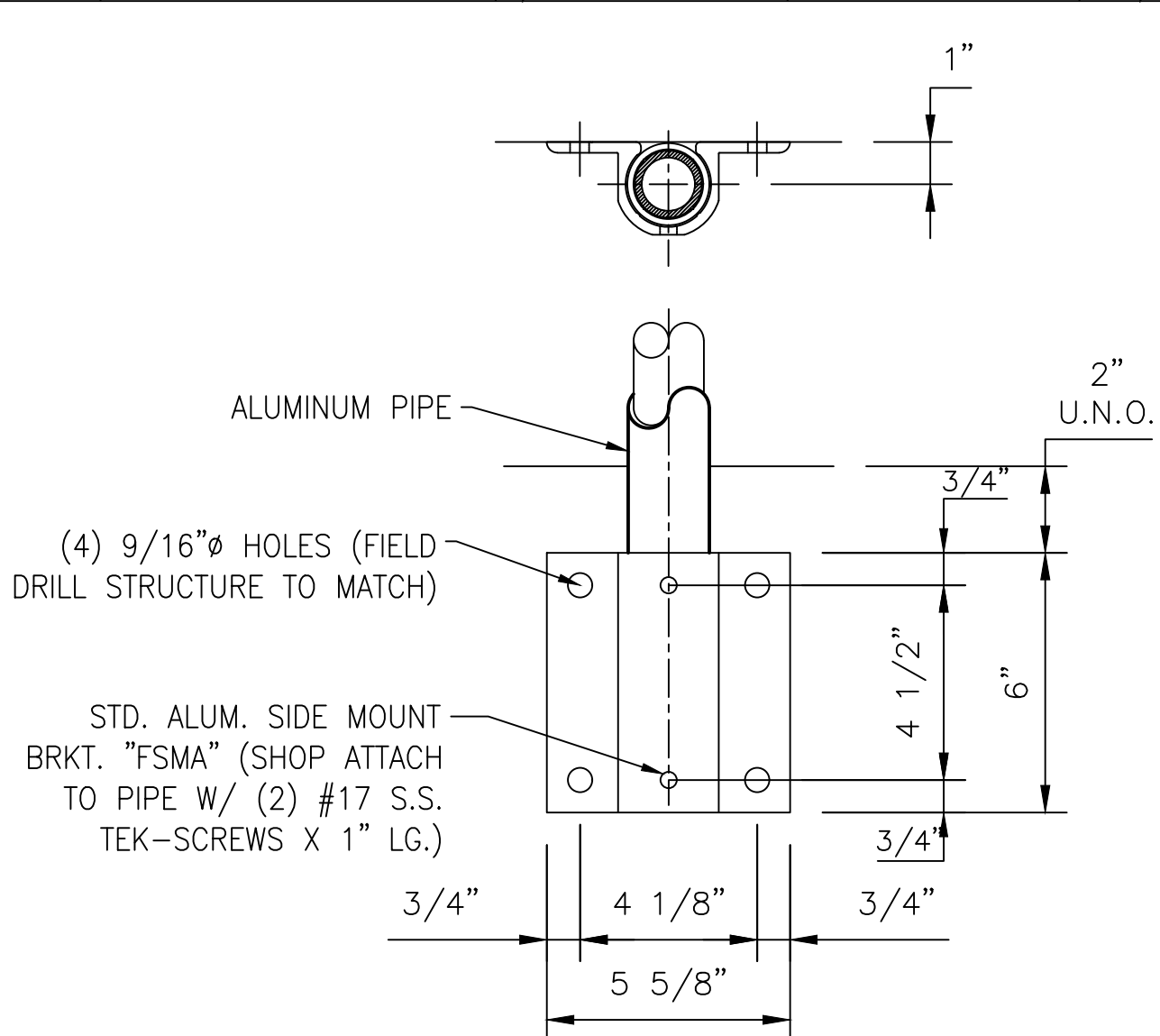
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHOR	1/2"	6"	4 1/2"



FLUSHED ENCLOSED SIDE


FESA

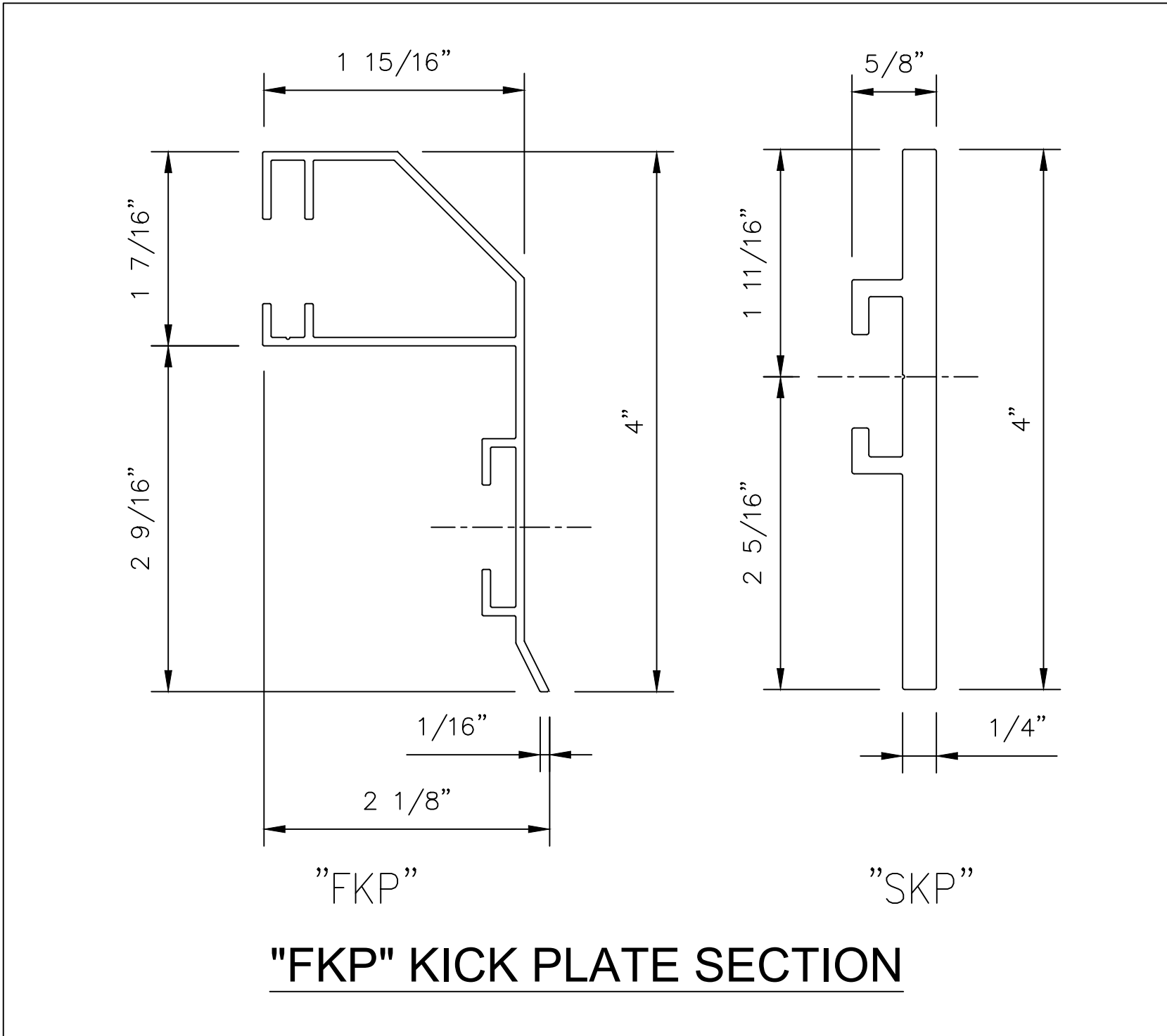
MOUNTING CONDITIONS				
MATERIAL	FASTENER TYPE	FASTENER DIAMETER	FASTENER LENGTH	MINIMUM EMBED DEPTH
STEEL	S.S. MACHINE BOLT	1/2"	2"	N/A
CONCRETE	S.S. ADHESIVE ANCHOR	1/2"	6"	4 1/2"



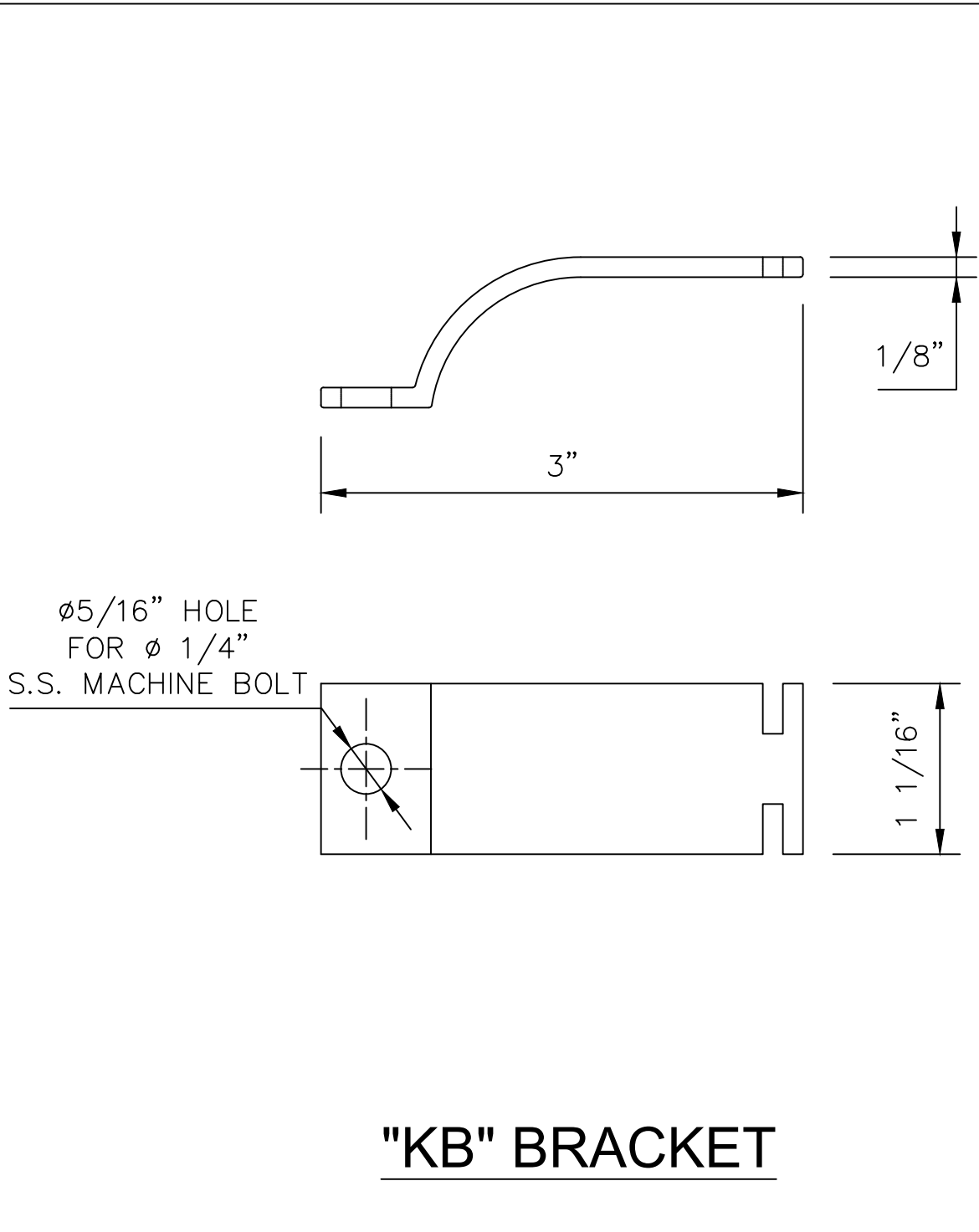
SIDE MOUNT 4-HOLE

FSMA

REV DESCRIPTION					DATE	
<div><p>3000 YOUNGFIELD ST. SUITE 275 WHEAT RIDGE, CO 80215 Ph. (720)608-3819 FAX (720)409-3843</p></div>					NOTICE TO CONTRACTOR AND ERECTOR: BACK CHARGES FOR CORRECTIVE WORK OR REPLACEMENT MATERIALS WILL NOT BE ACCEPTED UNLESS AUTHORIZED BY PEAK TO PEAK ENGINEERED RAILINGS, INC. BEFORE SUCH COSTS ARE INCURRED	
STANDARD DETAILS						
CITY, ST						
ALUMINUM HANDRAIL - TANG SYSTEM - SHOP ASSEMBLED						
DESIGNER	DESIGNER	CUSTOMER	CUSTOMER	DWG TITLE	HANDRAIL DETAILS	
CUSTOMER JOB #	XXXX-XX	PRINT DATE	3/13/2020	ISSUE DATE	3/13/2020	CONTRACT NO
DETAILED BY	INT	CHECKER	INT	SCALE	NTS	DRAWING NO.
					XXX-XXX	SD-3



FKP KICK PLATE SECTION



KB BRACKET

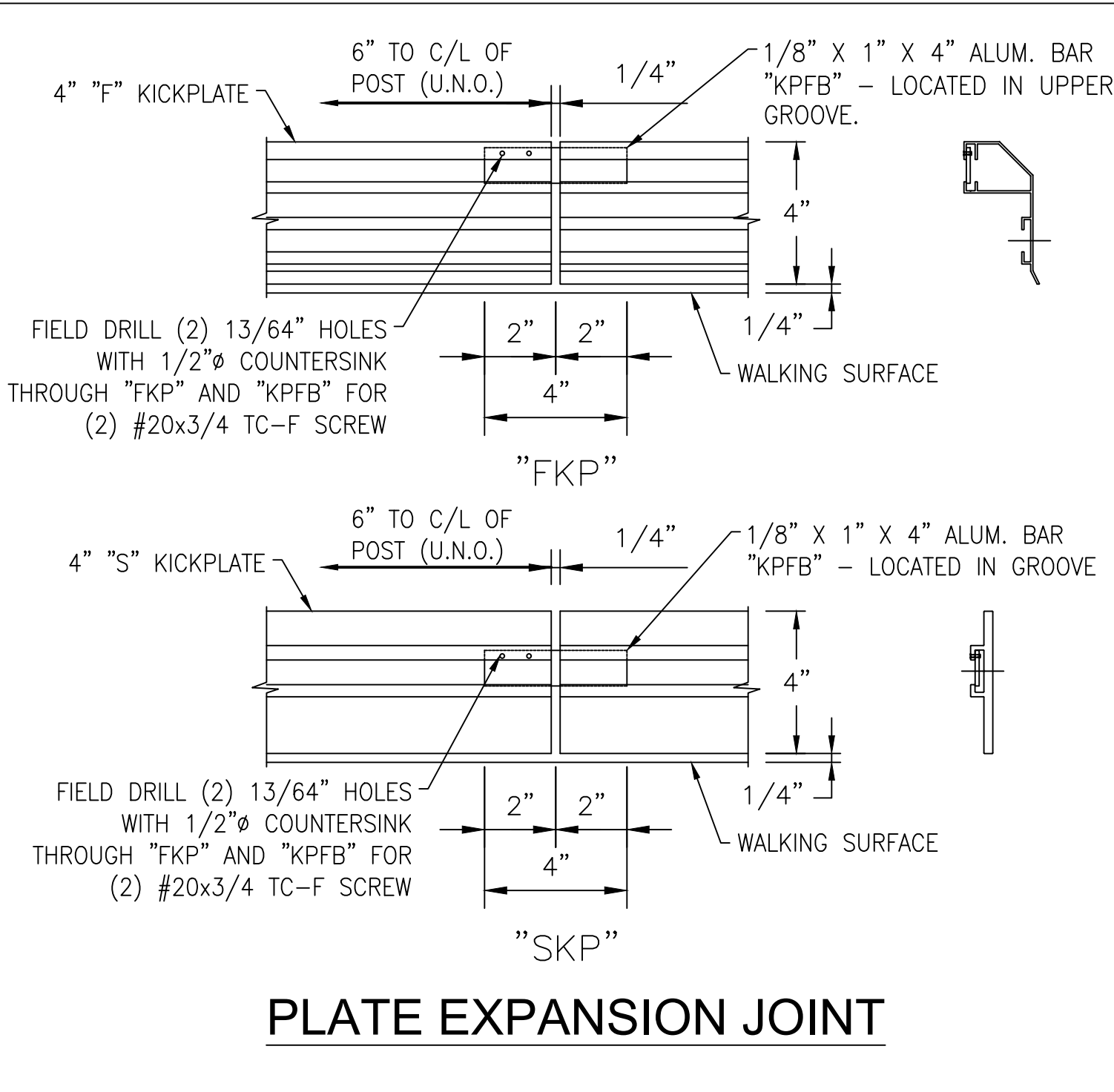
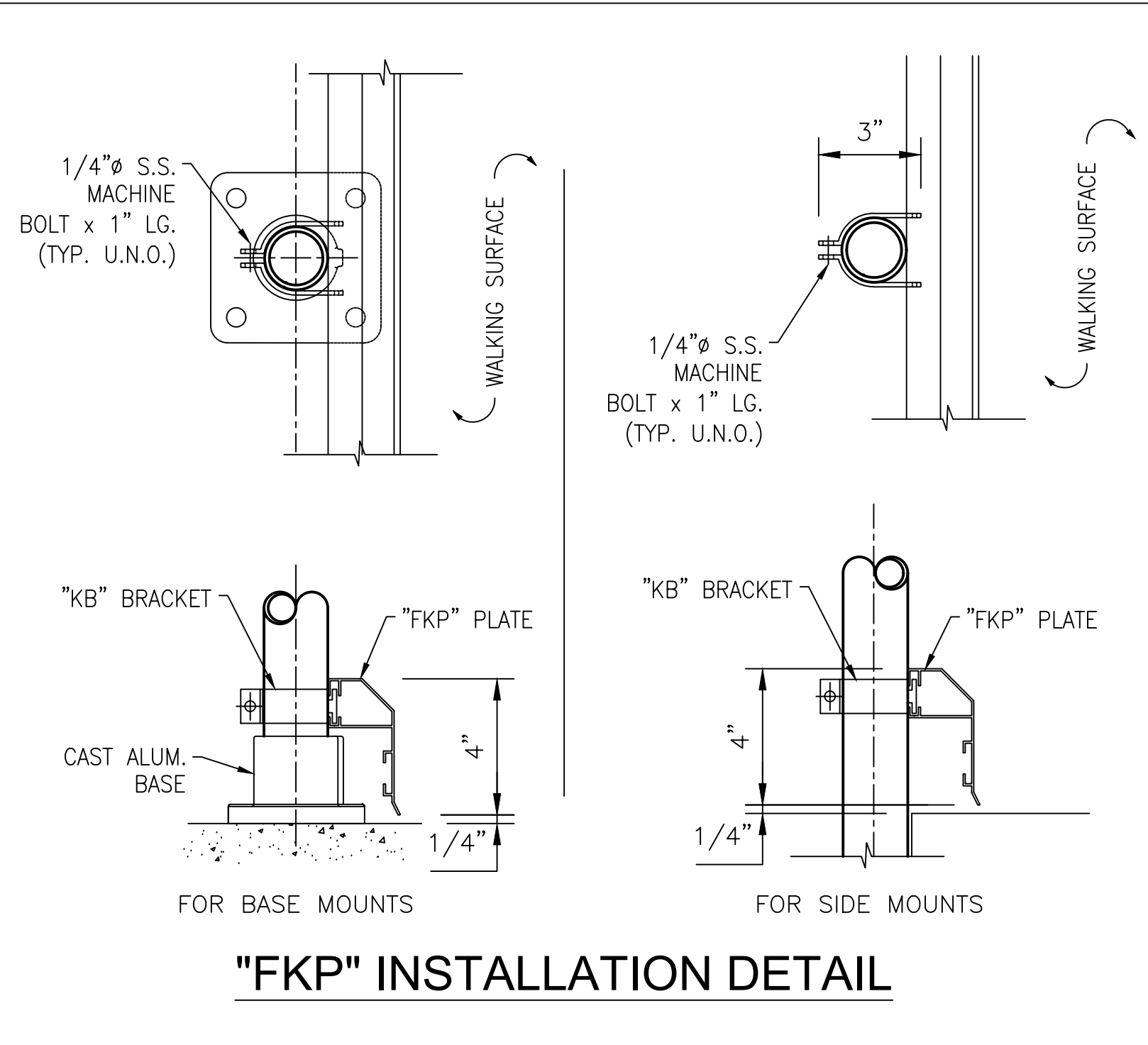
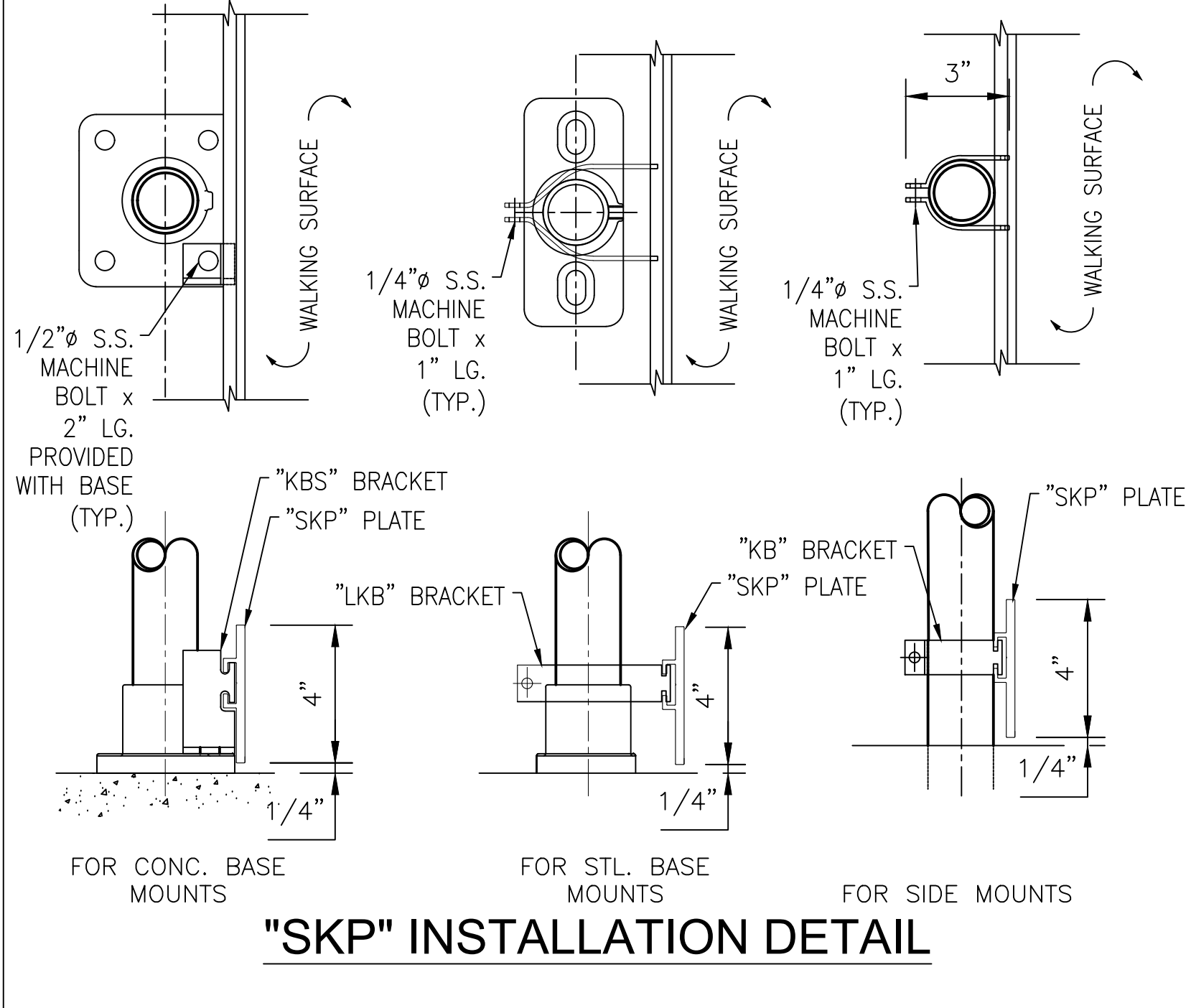


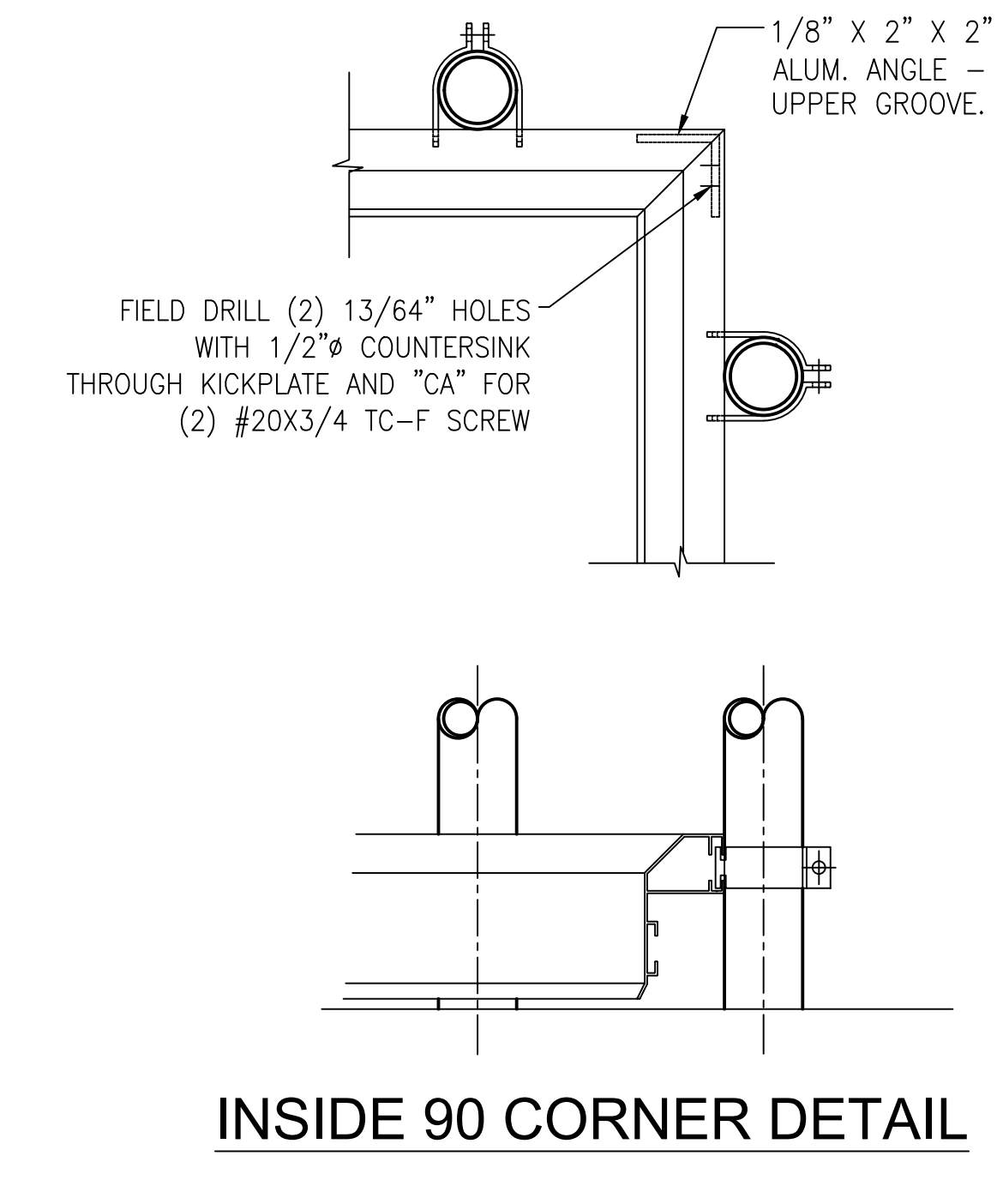
PLATE EXPANSION JOINT



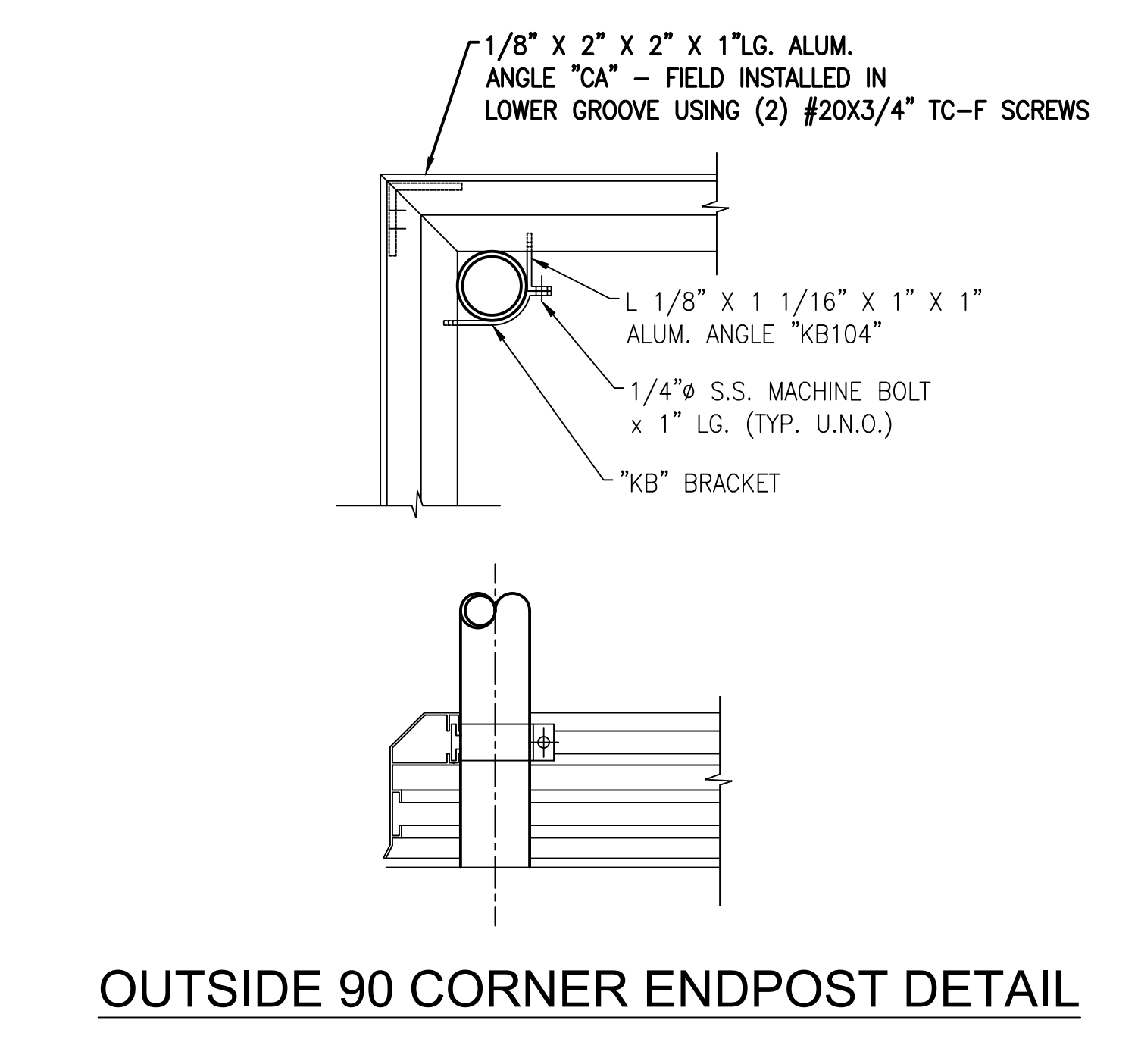
FKP INSTALLATION DETAIL



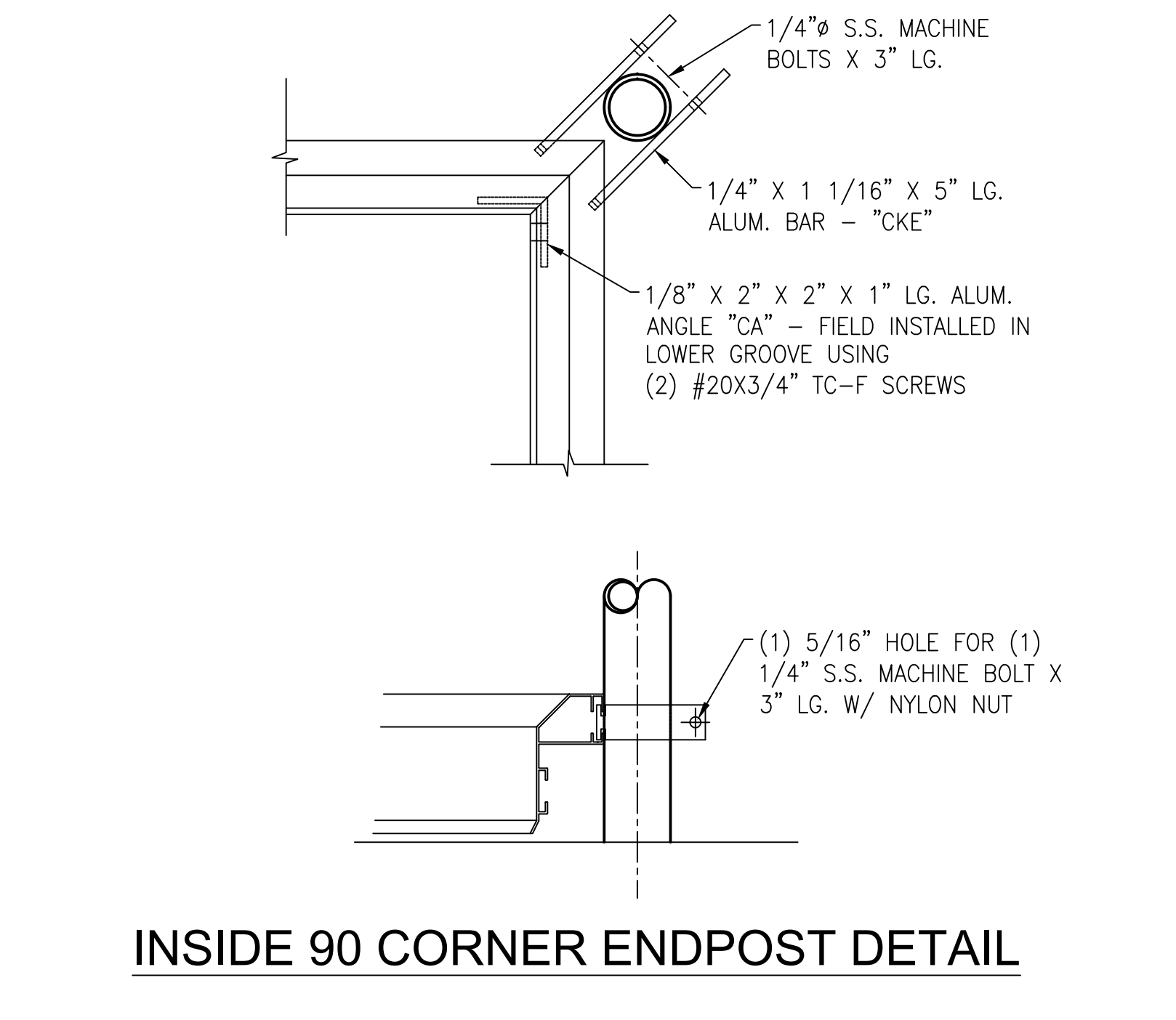
SKP INSTALLATION DETAIL



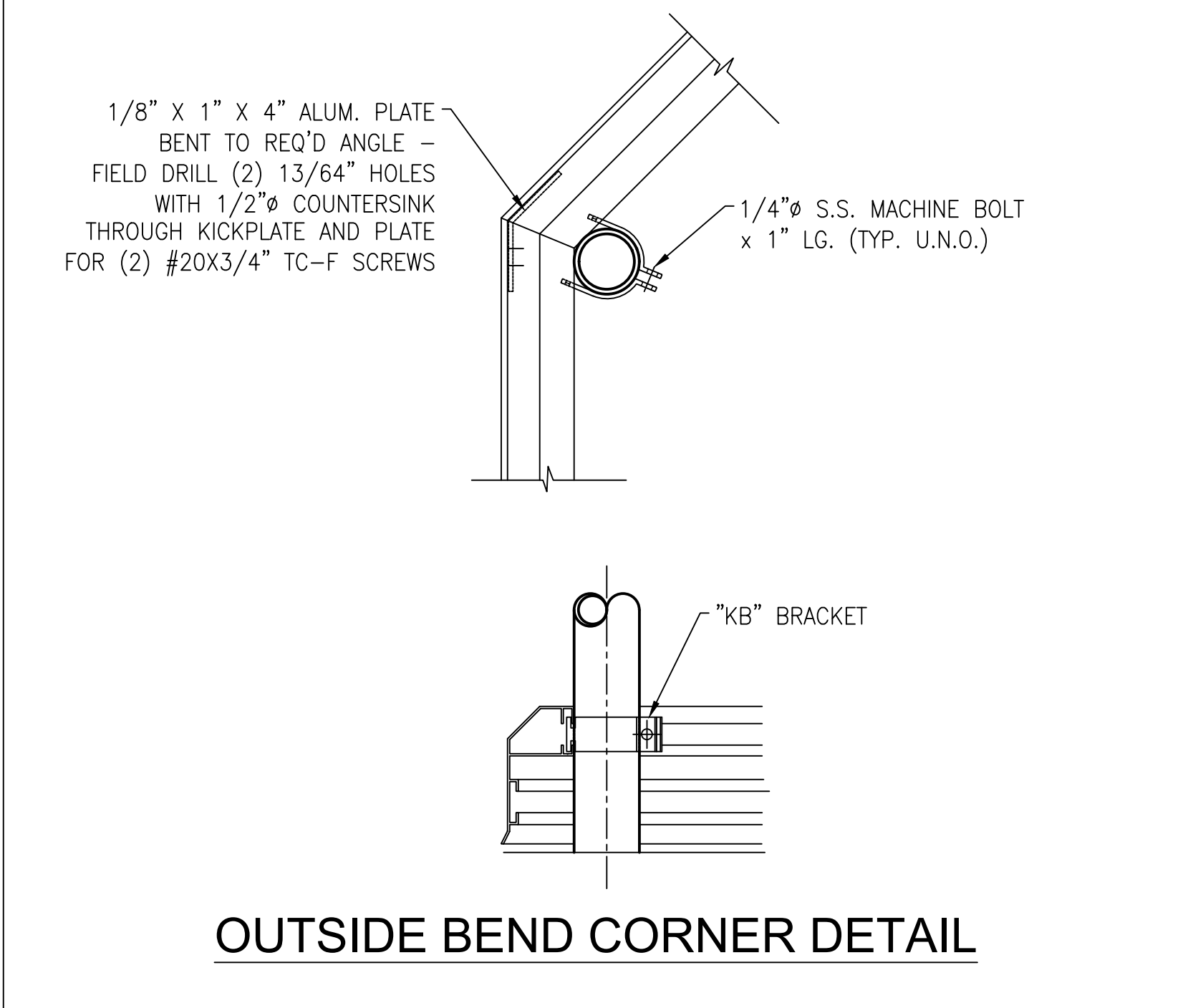
INSIDE 90 CORNER DETAIL



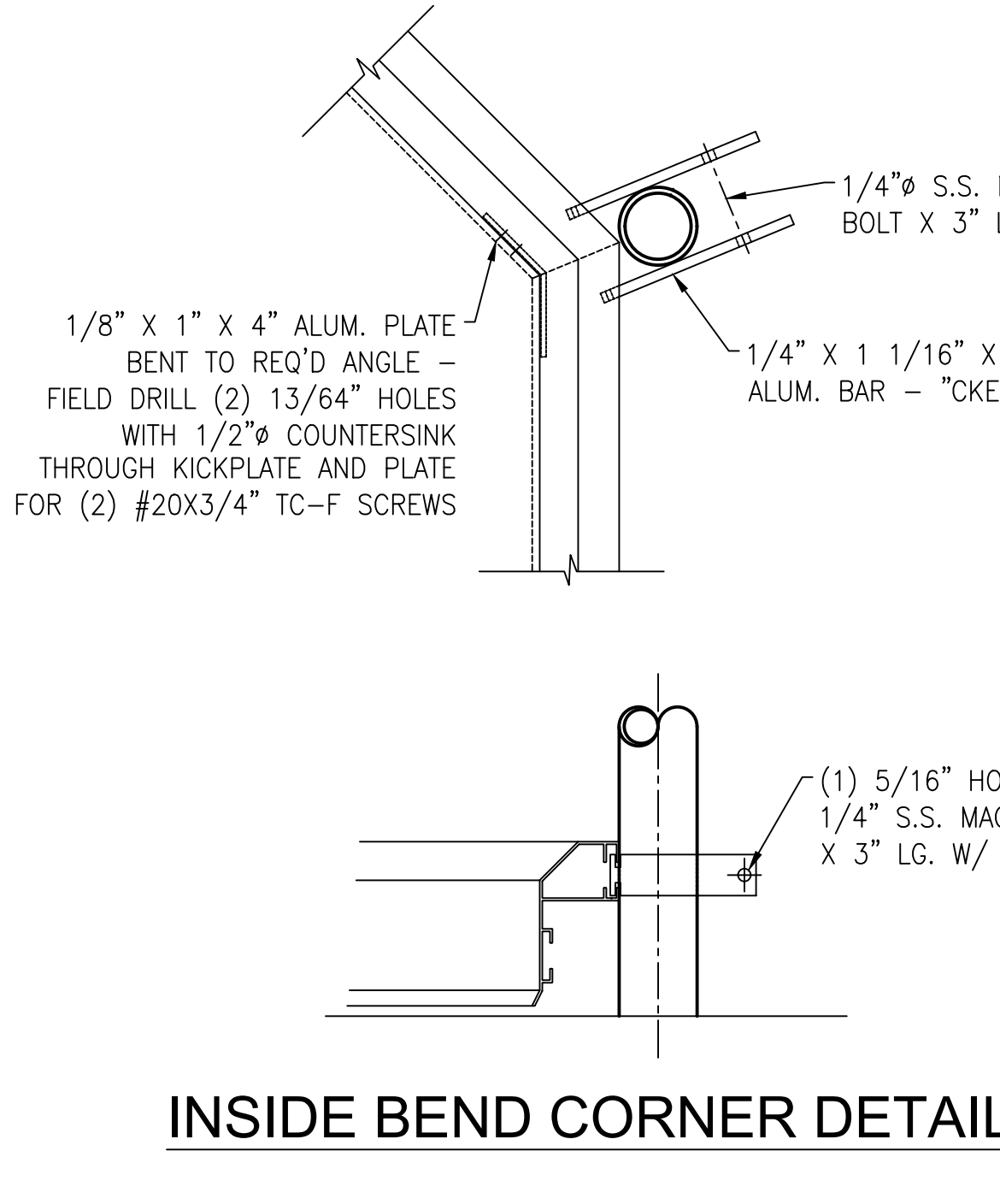
OUTSIDE 90 CORNER ENDPOST DETAIL



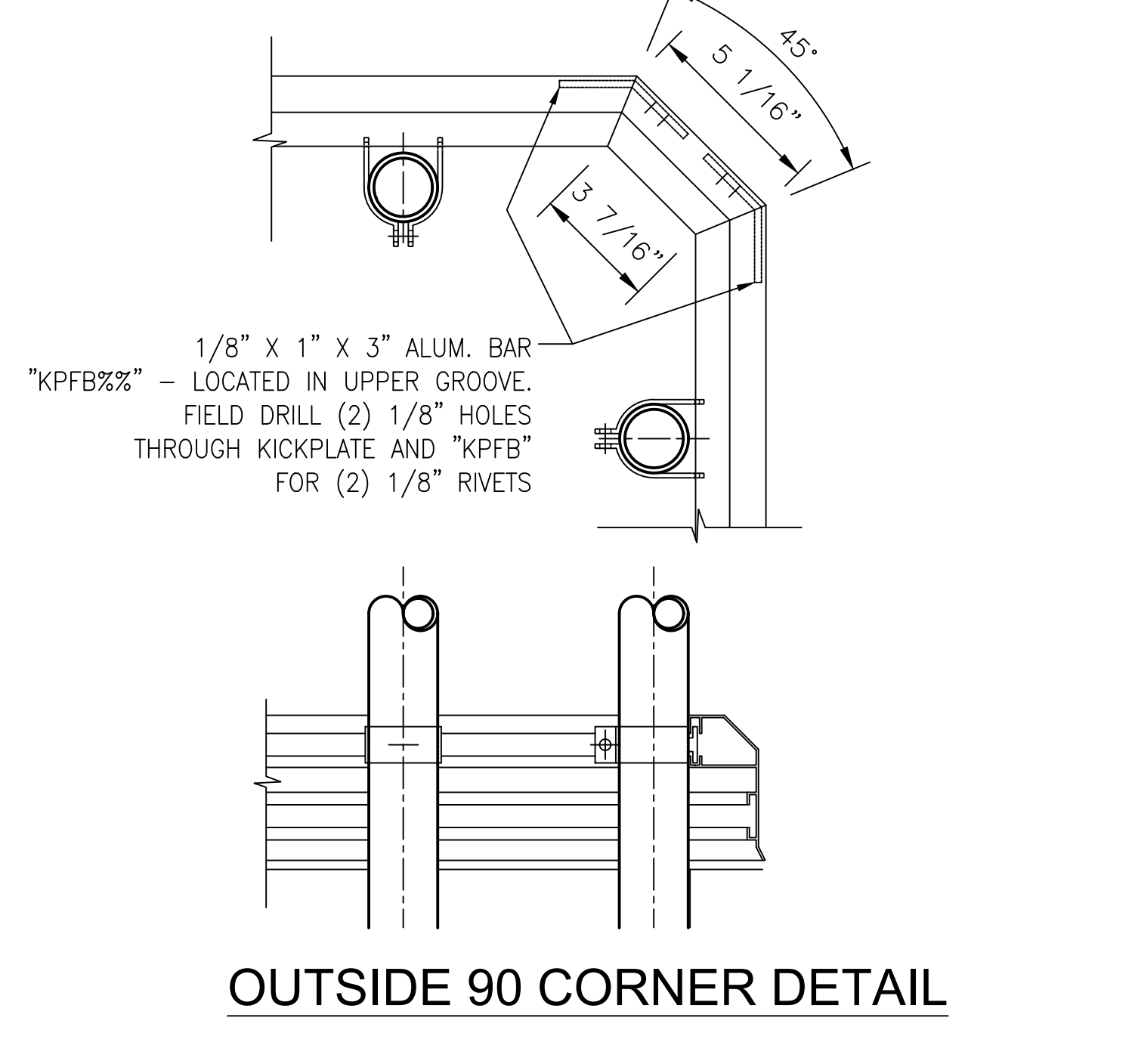
INSIDE 90 CORNER ENDPOST DETAIL



OUTSIDE BEND CORNER DETAIL



INSIDE BEND CORNER DETAIL



OUTSIDE 90 CORNER DETAIL

TYPICAL NOTES:


1.) ALL KICK PLATE SHALL BE:

- a) 4" EXTRUDED ALUMINUM "FKP" OR "SKP" PLATE.
- b) SHIPPED LOOSE IN 24'-0" STOCK LENGTHS
FOR FIELD CUTTING AND DRILLING AS REQ'D.
- c) FIELD ATTACHED TO POSTS.

2.) INSTALL USING 1/4" S.S. BOLT (U.N.O.)

ERECTOR NOTE:

TO INSTALL TCF BOLTS – DRILL A 13/64" PILOT HOLE
WITH A 1/2" COUNTERSINK AND TIGHTEN TO FIT.

REV		DESCRIPTION				DATE	
 3000 YOUNGFIELD ST, SUITE 275 WHEAT RIDGE, CO 80215 Ph. (720)558-3818 FAX (720)469-3943						NOTICE TO CONTRACTOR AND ERECTOR: BACK CHARGES FOR CORRECTIVE WORK OR REPLACEMENT MATERIALS WILL NOT BE ACCEPTED UNLESS AUTHORIZED BY PEAK TO PEAK ENGINEERED RAILINGS, INC. BEFORE SUCH COSTS ARE INCURRED	
<h2>STANDARD DETAILS</h2> <p>CITY, ST</p> <p>ALUMINUM HANDRAIL - TANG SYSTEM - SHOP ASSEMBLED</p>							
DESIGNER	DESIGNER	CUSTOMER	CUSTOMER	DWG TITLE	KICKPLATE DETAILS		
CUSTOMER JOB #	XXXX-XX	PRINT DATE	3/13/2020	ISSUE DATE	3/13/2020	CONTRACT NO	DRAWING NO.
DETAILED BY	INT	CHECKER	INT	SCALE	NTS	XXX-XXX	KP-1