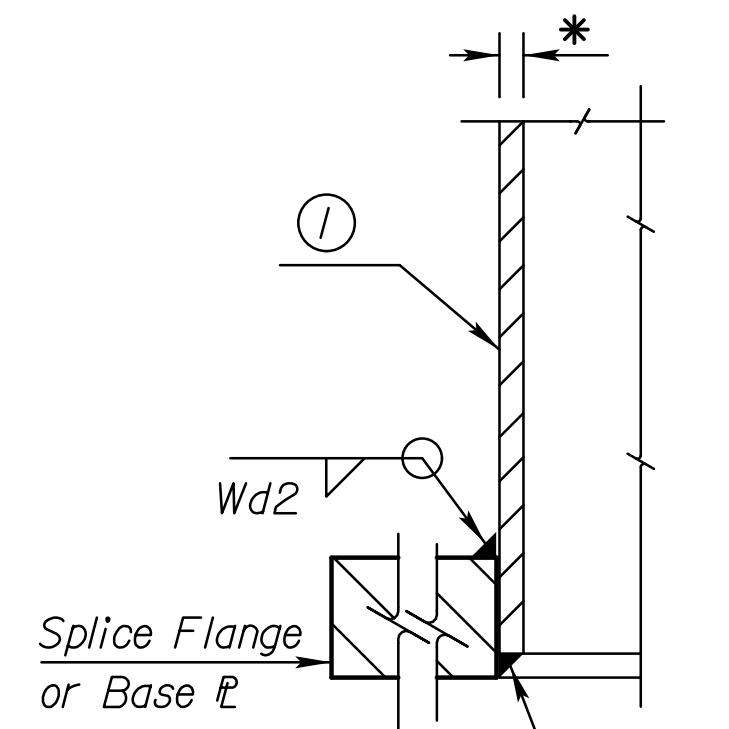
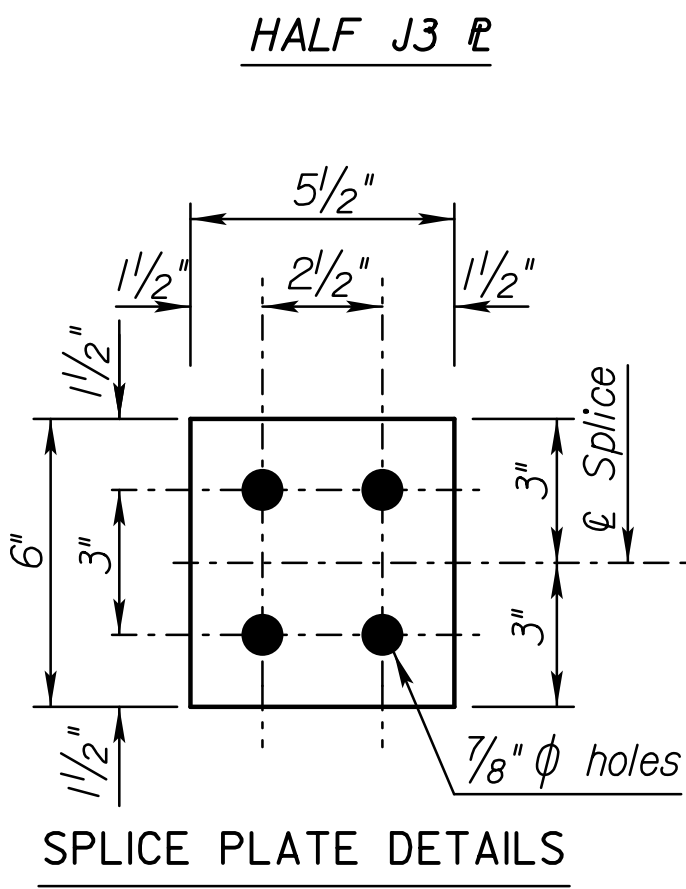
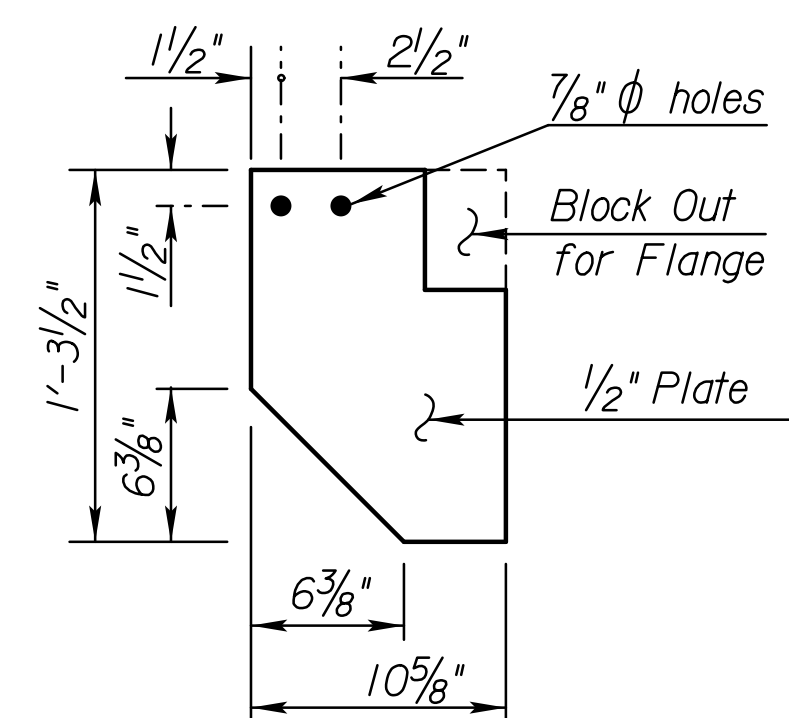
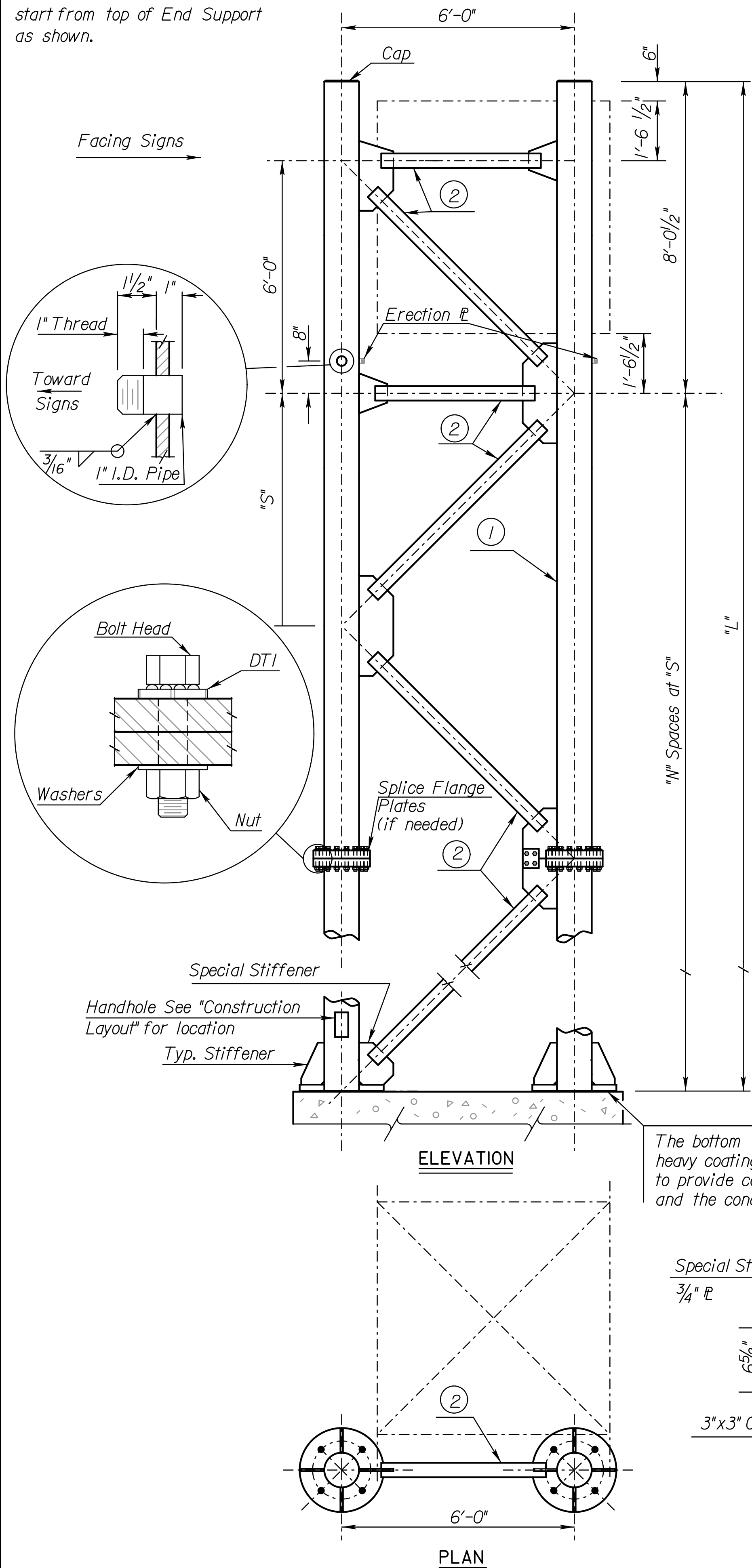
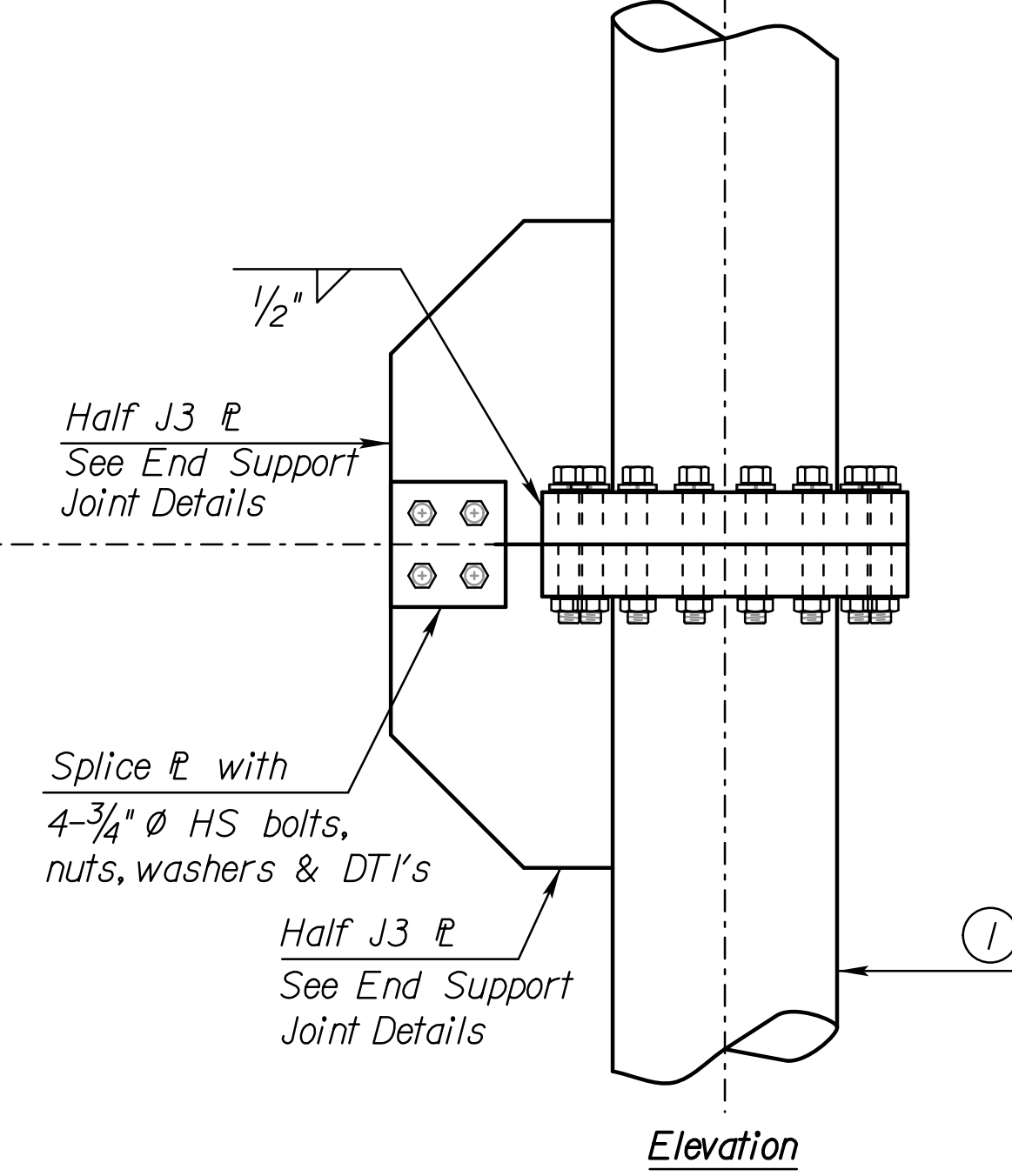
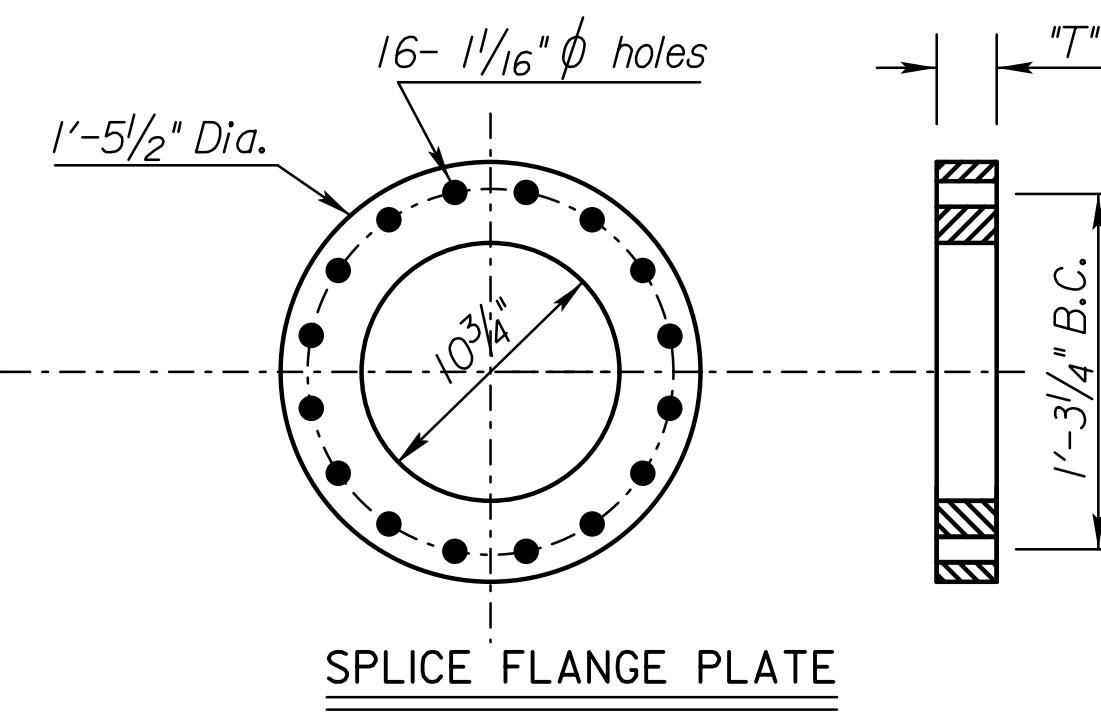
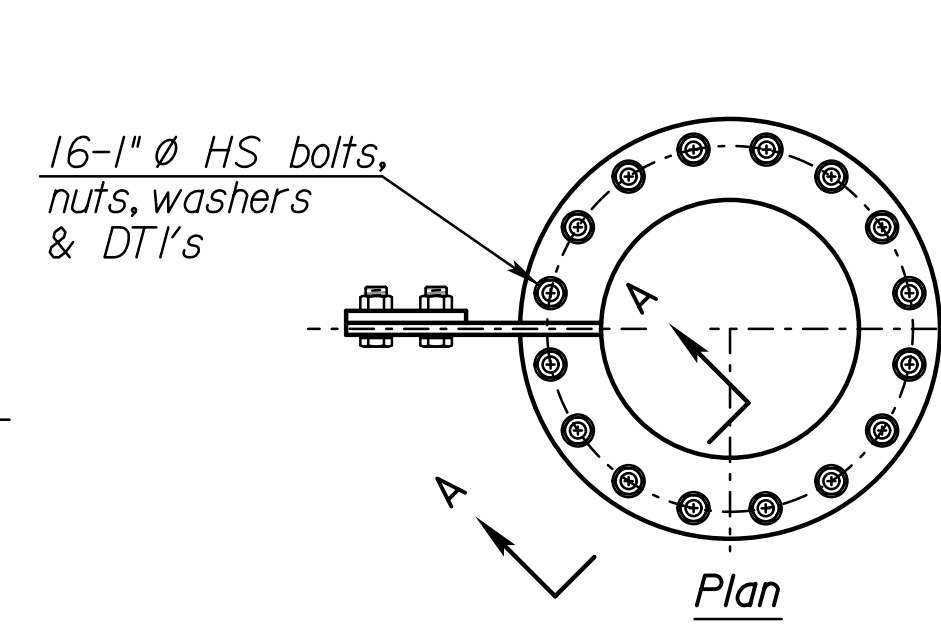
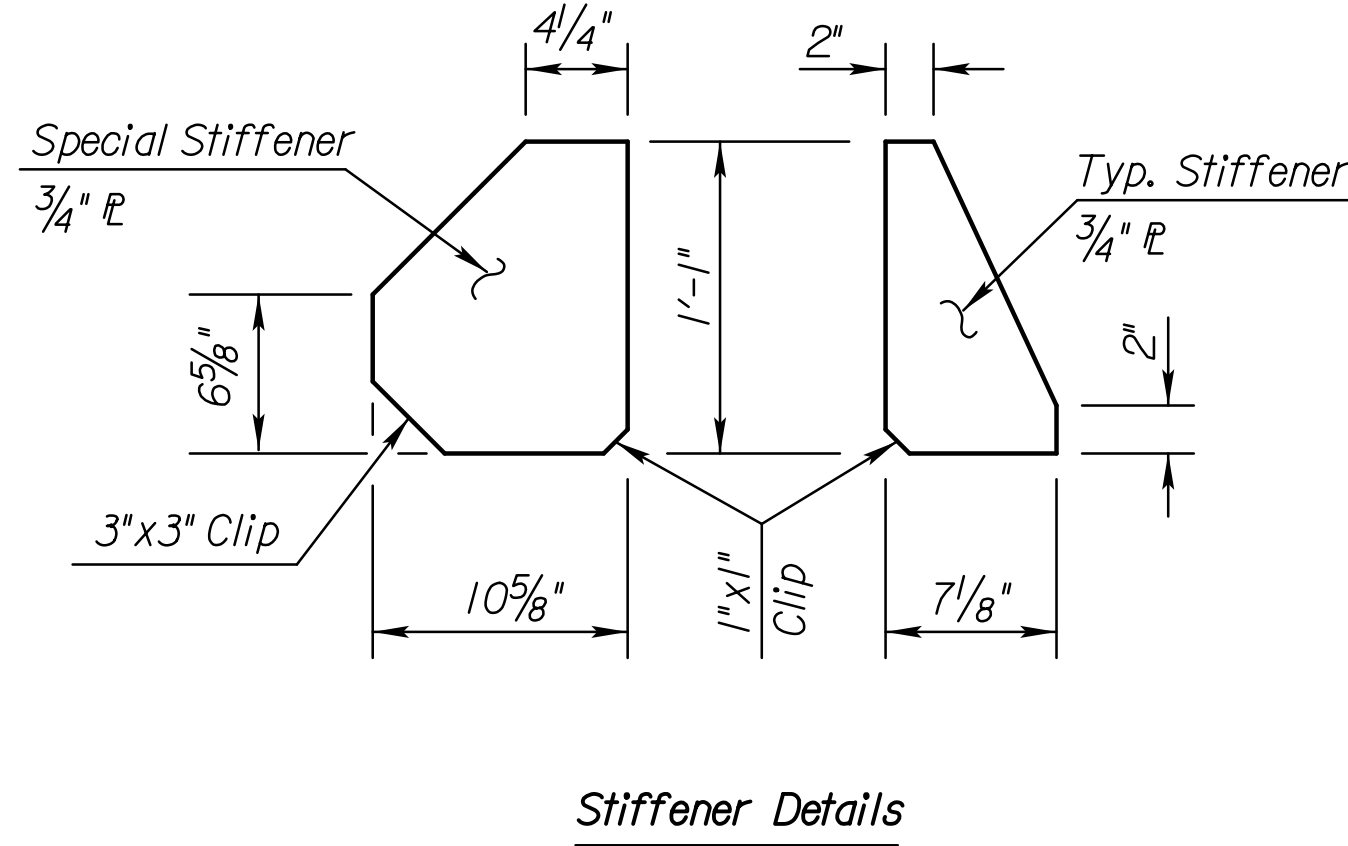


Note: ② diagonal will always start from top of End Support as shown.

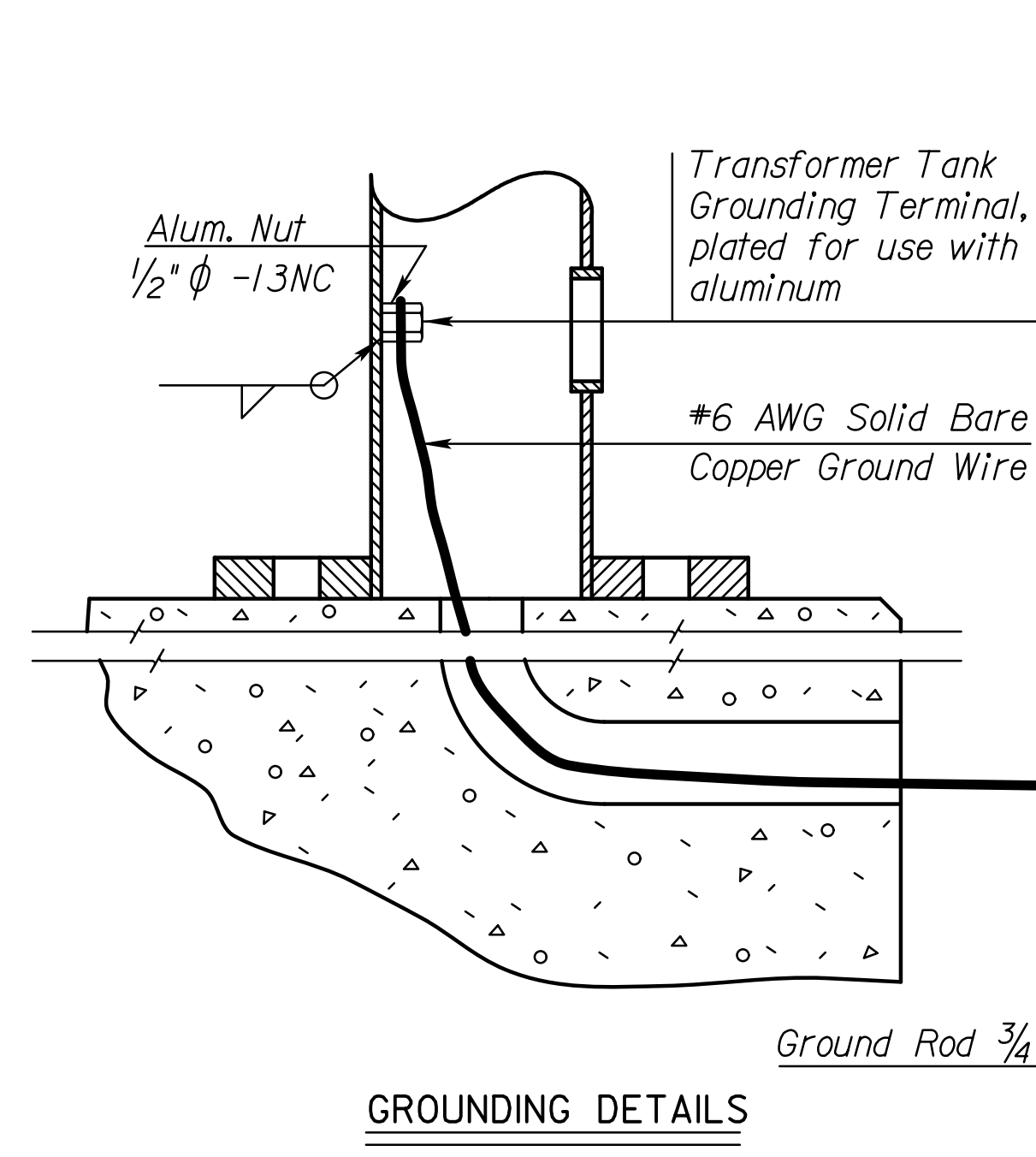
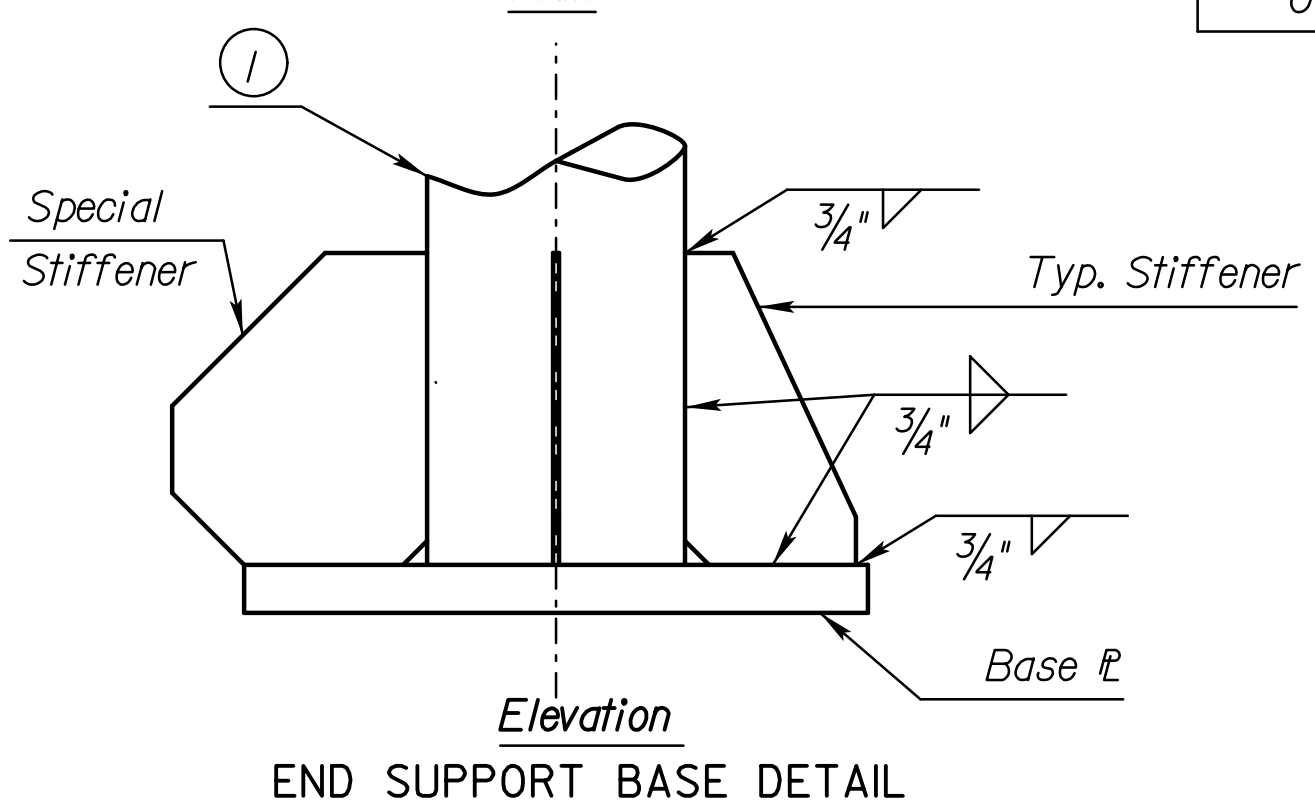
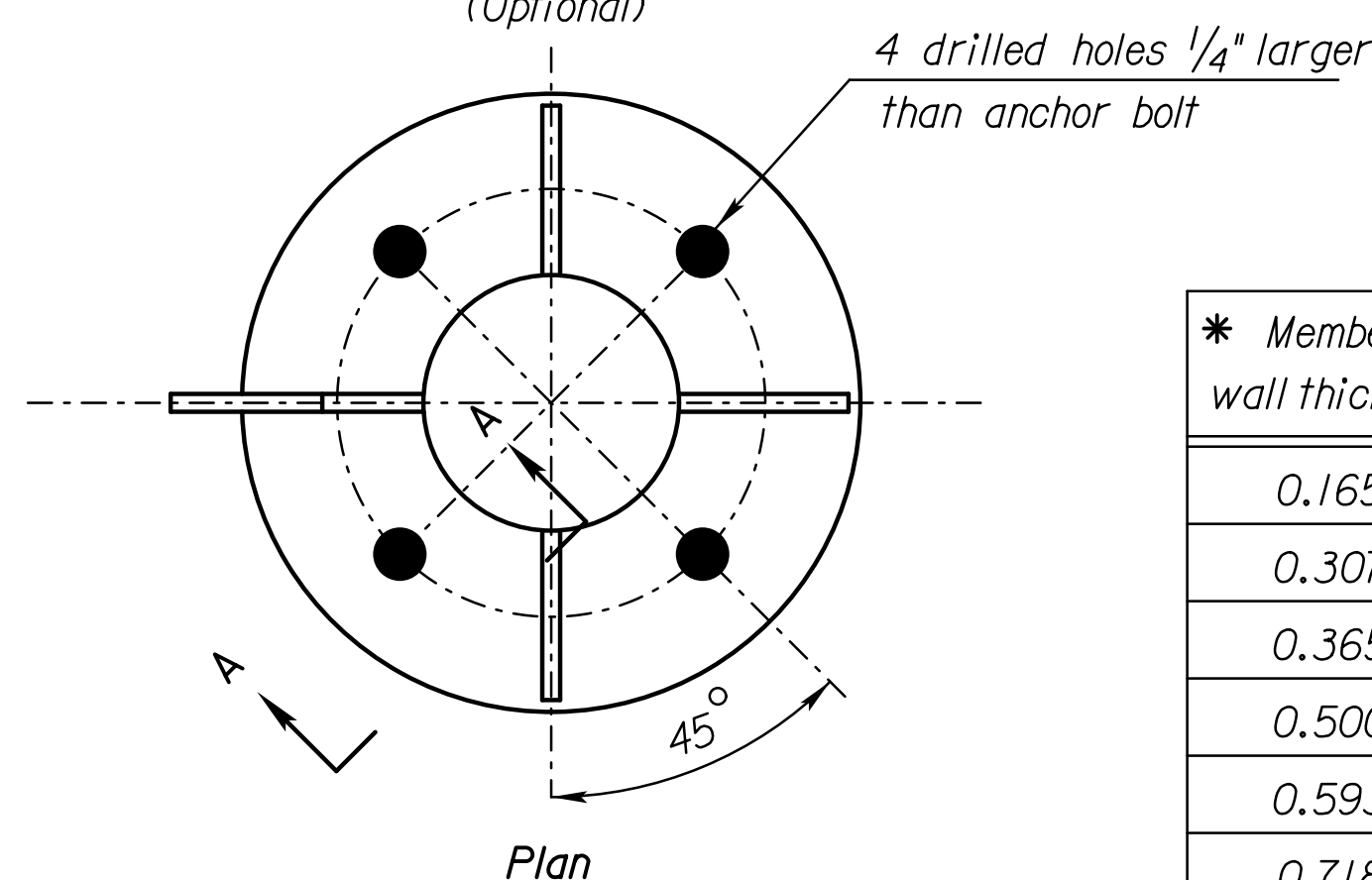
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85066	2014	230	388



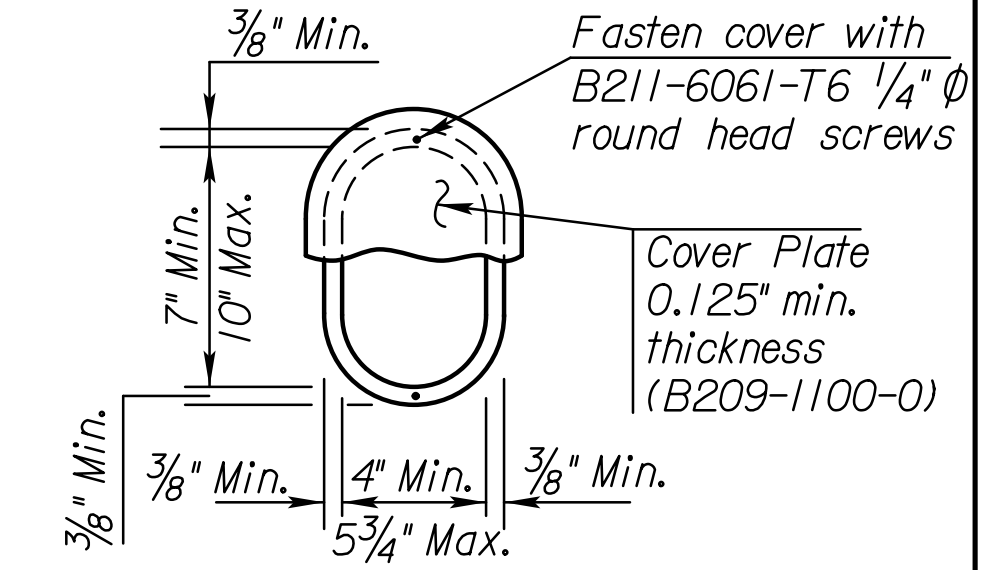
The bottom of the end supports shall be given a heavy coating of an approved insulating material to provide complete insulation between the aluminum and the concrete.



END SUPPORT SPLICE DETAIL (Optional)



* Member ① wall thickness	Fillet Weld size Wd2	Anchor Bolt "d"	Base L "t"	Splice L "t"	DTI Proof Load (Kips)
0.165"	1/4"	1 1/4"	1 1/4"	1 1/2"	31
0.307"	3/8"	1 3/4"	1 3/4"	2"	60
0.365"	7/16"	1 3/4"	1 3/4"	2 1/4"	60
0.500"	9/16"	2"	2"	2 1/2"	114
0.593"	5/8"	2 1/4"	2 1/4"	2 3/4"	103
0.718"	3/4"	2 1/2"	2 1/2"	3"	126



Note: The net area of the handhole frame bar shall not be less than 60 percent of pole section removed. The pole section properties shall be maintained at the handhole. The frame may be built from a B209-6061-T6 bar or a casting conforming to B26-356-T6.

Member ① is 10.75" OD pipe
Member ② is 4.50" OD pipe

See "Construction Layout" for wall thickness, "N", "S", and "L".

Std. Base File:
Plotted By: cp
File: A:\2009\0921\Overhead Signing - KD07\EN35700\POS13.L.dgn
Plot Date: 30-DEC-2013 16:22

NO.	DATE	REVISIONS	BY	APP'D
2	2/06/13	Move DTI under Bolt Head	KMP	TLF
1	5/11/11	Added DTI detail & Add DTI Proof Load	KMP	TLF

KANSAS DEPARTMENT OF TRANSPORTATION
STANDARD STRUCTURAL SIGN SUPPORTS
SPAN TYPE OVERHEAD
ALUMINUM END SUPPORT FRAMING PLAN
AND SPLICE DETAILS

SL151B-01

DESIGNED	RFM	DETAILED	DDP	QUANTITIES	CADD	DJE
DESIGN CK.	RDH	DETAIL CK.	RDH	QUAN. CK.	CADD CK.	LES

Terry L. Fleck
6-9-2011 APP'D