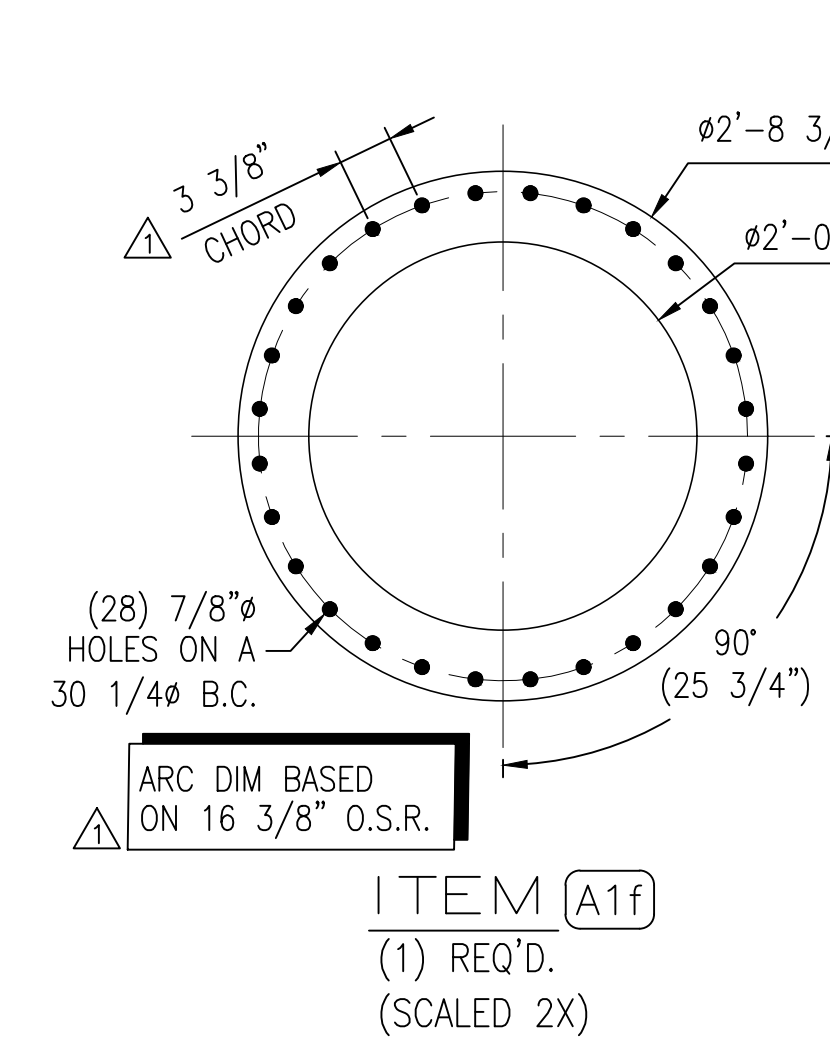
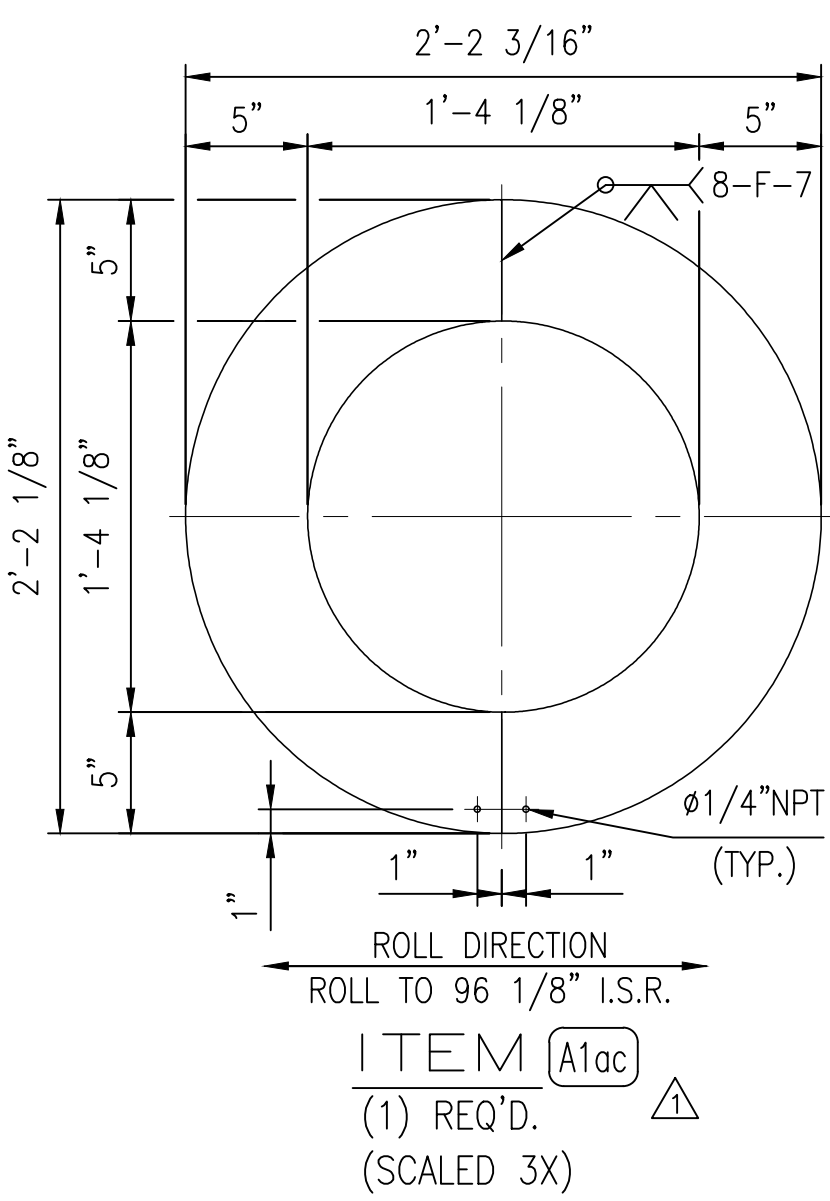
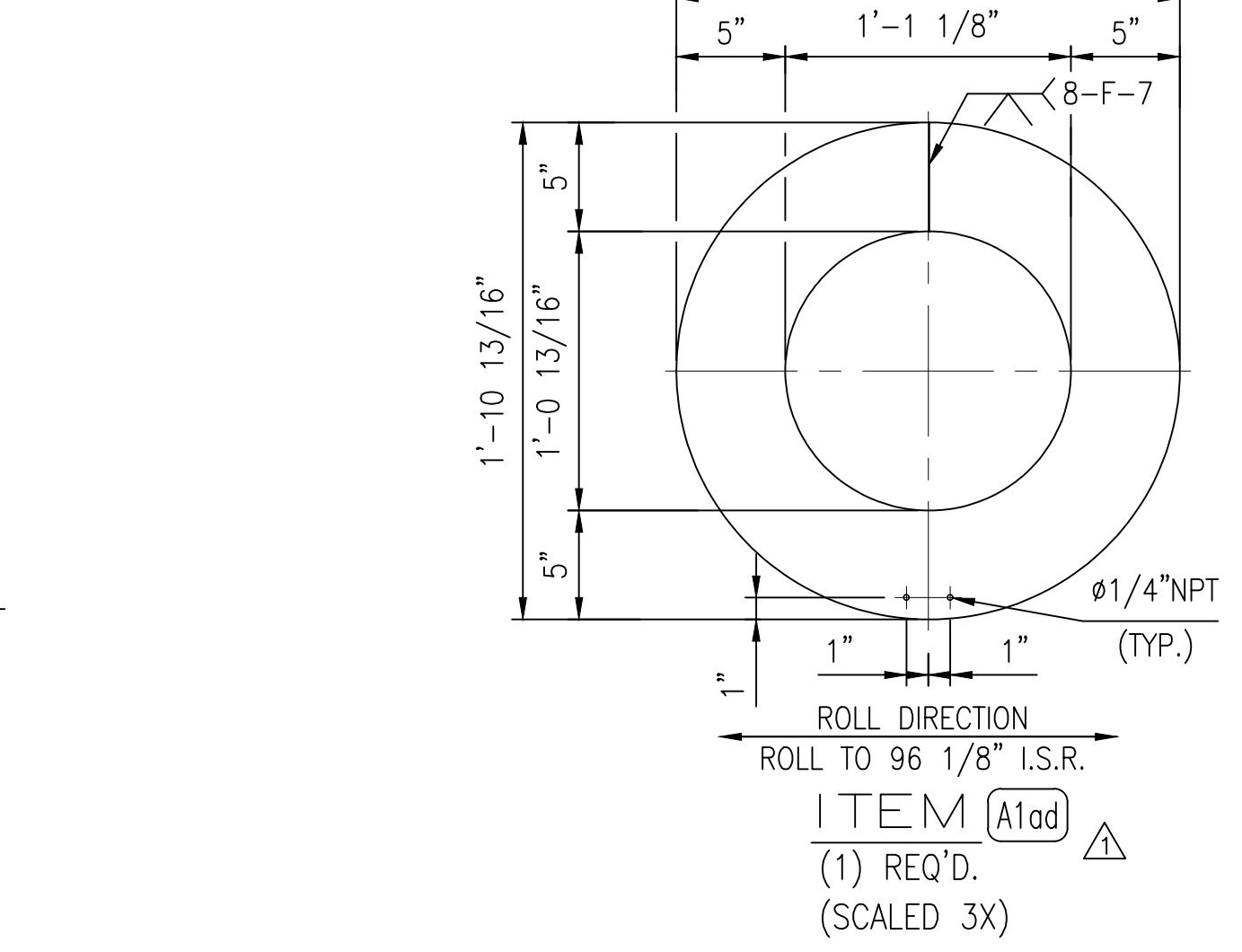
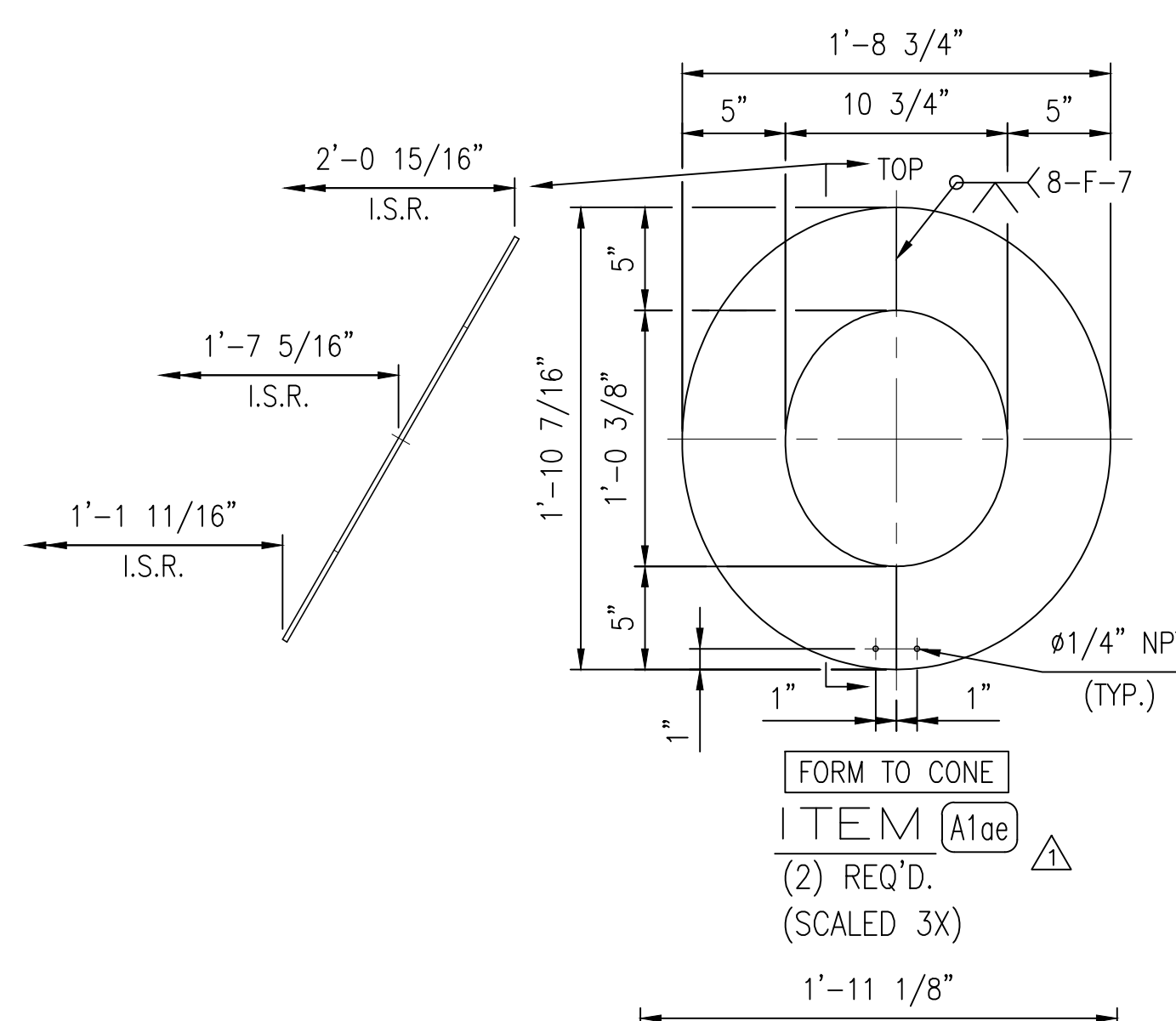
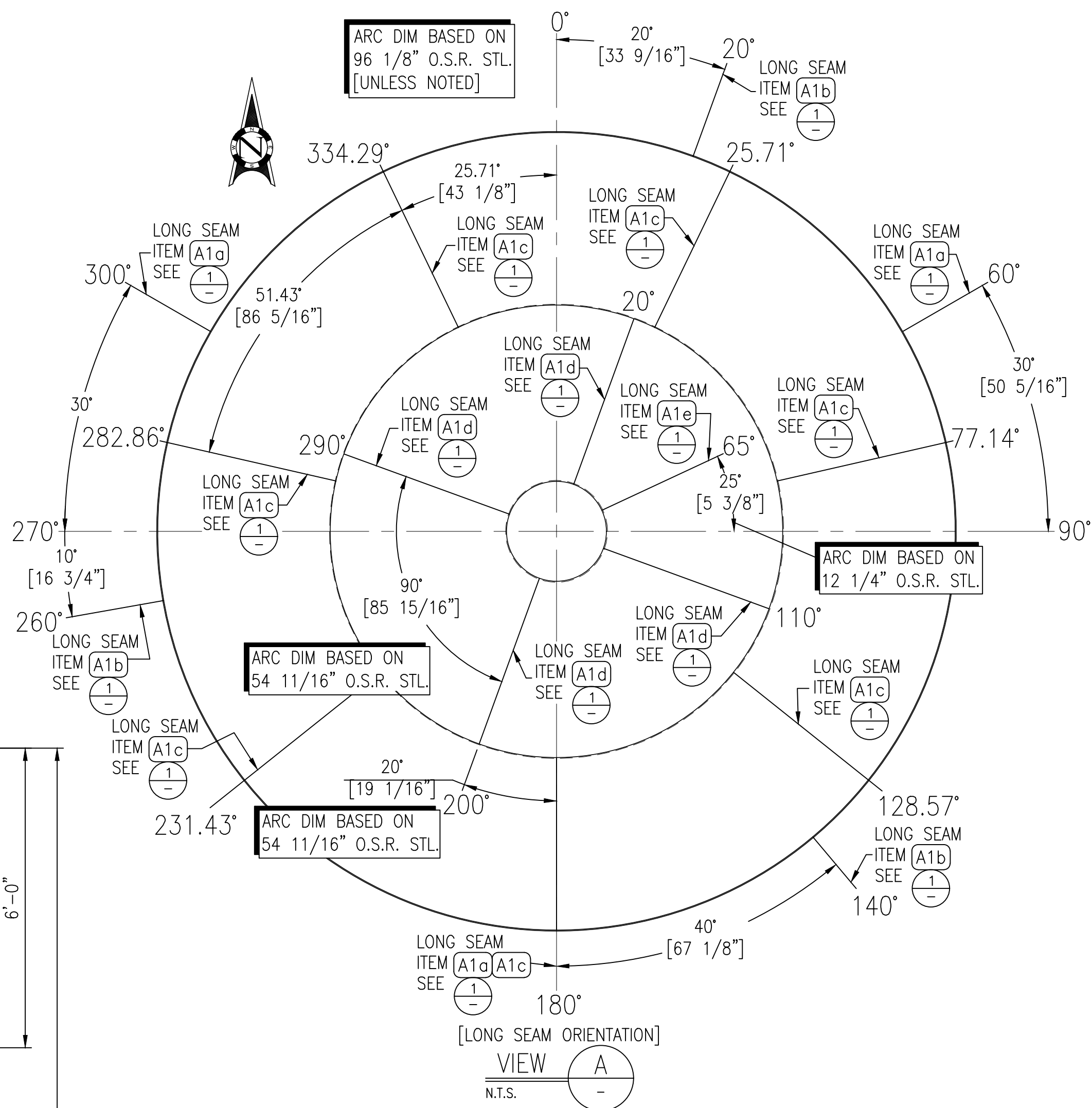
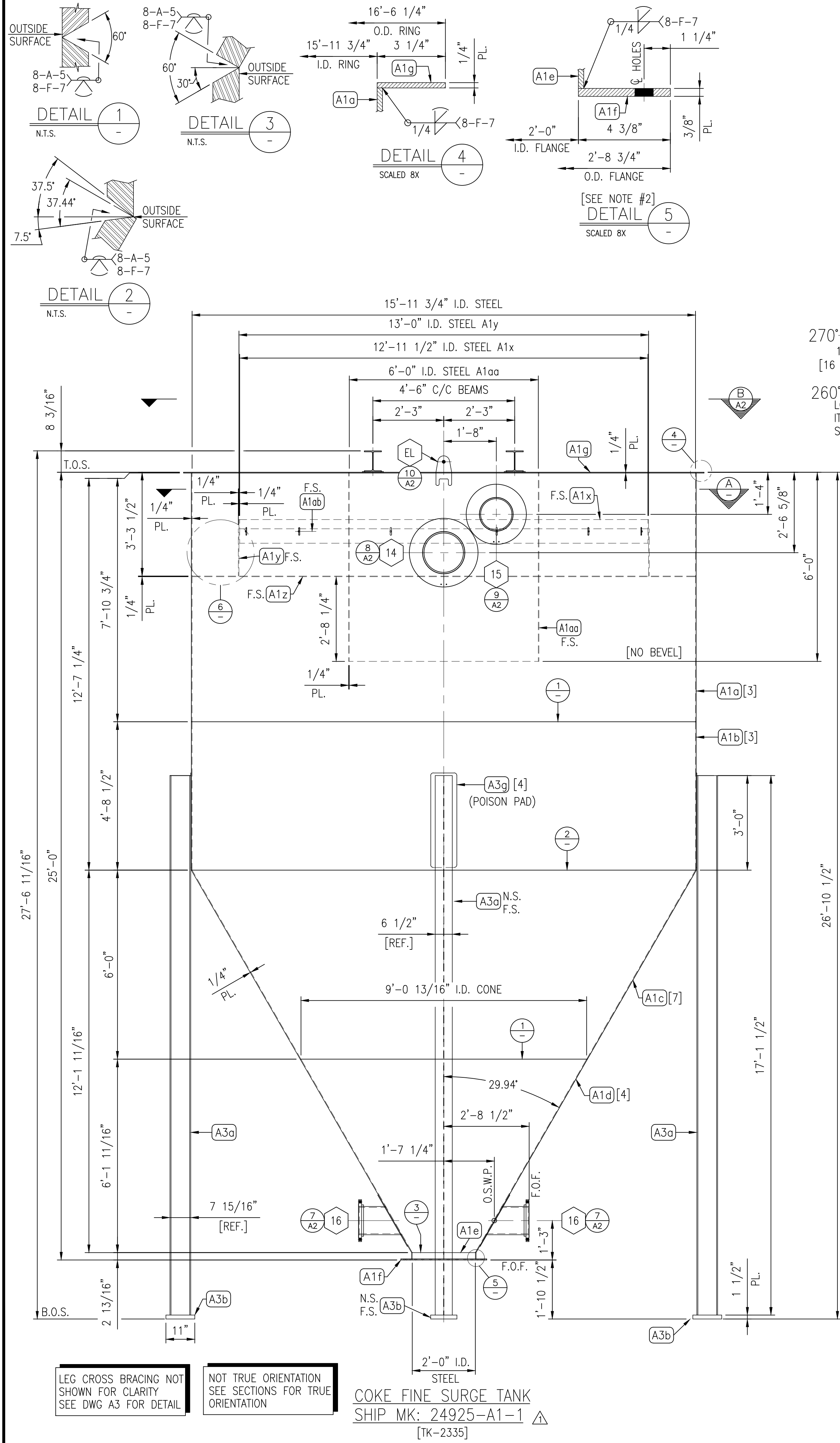
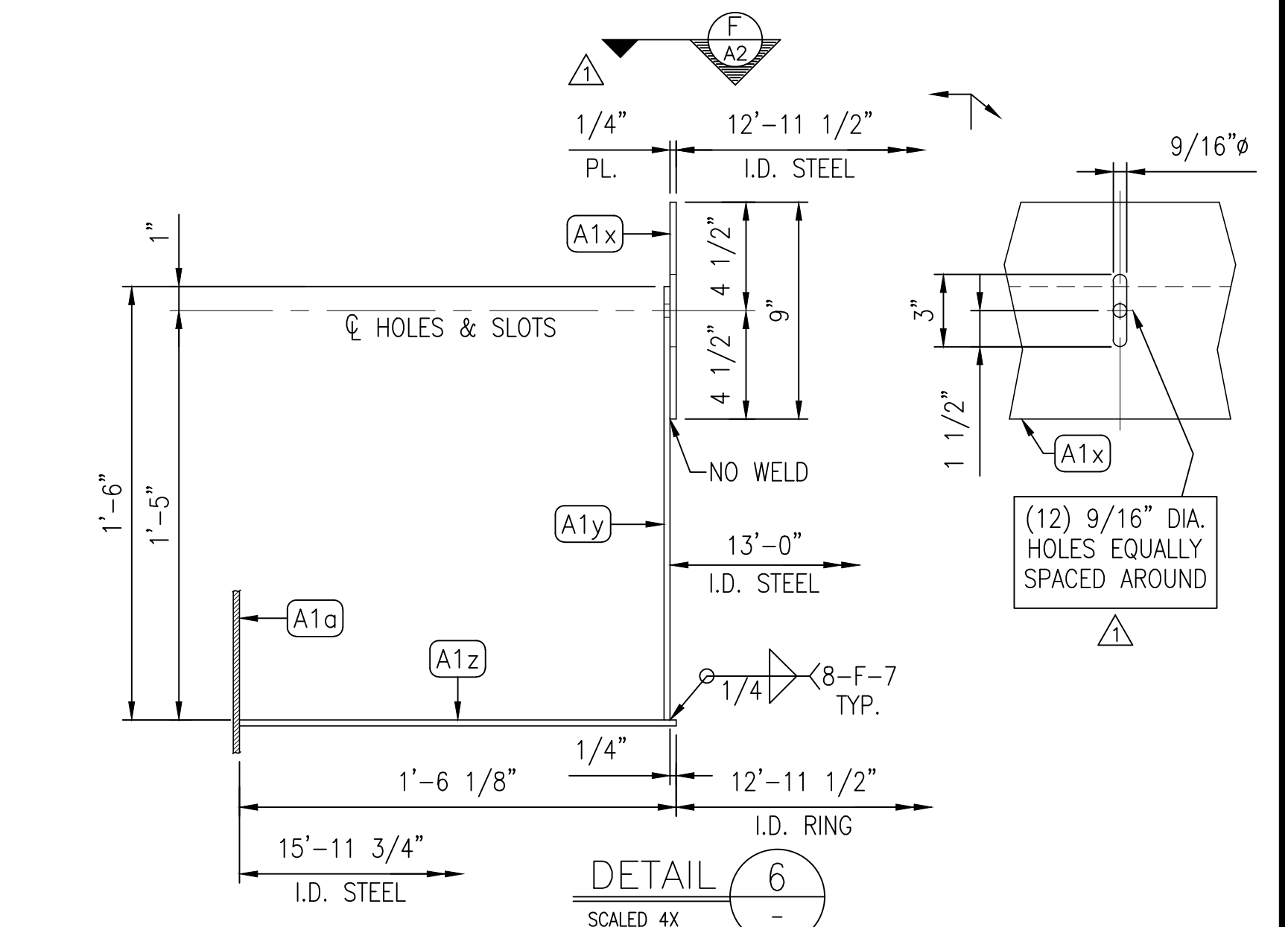




BILL OF MATERIAL							
DESCRIPTION				MATERIAL	WGT	HEAT NUMBER	
COKE FINE SURGE TANK SHIP MK: 24925-A1-1							
PL 1/4" x 94 3/4" x 16'-9 1/16" (ROLL TO 95 7/8" I.S.R.)				SA-240-304L	4429		
PL 1/4" x 56 1/2" x 16'-9 1/16" (ROLL TO 95 7/8" I.S.R.)				SA-240-304L	2641		
CCONE PL 1/4" x 192 5/16" O.D. x 109 1/4" O.D. x 72 1/4" O.A.H (BEFORE BEVELS) (7 SEGMENTS) (PER DWG A2)				SA-240-304L	3051		
CCONE PL 1/4" x 109 1/4" O.D. x 24 1/2" O.D. x 73 11/16" O.A.H. (4 SEGMENTS) (PER DWG A2)				SA-240-304L	1377		
PL 1/4" x 2 7/16" x 6'-4 3/16" (ROLL TO 24" I.D.)				SA-240-304L	14		
PL 3/8" x 32 3/4" O.D. x 24" I.D. (PER DETAIL)				SA-240-304L	45		
PL 1/4" x 198 1/4" O.D. x 191 3/4" I.D.				SA-240-304L	142		
FLANGE 10"-150# RFSO (PER DWG A2)				SA-182-304L	87		
PIPE 10" SCH 40 (0.365") x 1'-4 1/8" LG. (PER DWG A2)				SA-312-304L	109		
FLANGE 16"-150# RFSO (PER DWG A2)				SA-182-304L	116		
PIPE 16" SCH 40 (0.500") x 1'-2 7/8" LG. (PER DWG A2)				SA-312-304L	103		
FLANGE 12"-150# RFSO (PER DWG A2)				SA-182-304L	67		
PIPE 12" SCH 40 (0.406") x 5 5/8" (PER DWG A2)				SA-312-304L	28		
PL 1/4" x 9" x 13'-7 1/8" (ROLL TO 77 3/4" I.S.R.)				SA-240-304L	342		
PL 1/4" x 18" x 13'-7 5/8" (ROLL TO 78" I.S.R.)				SA-240-304L	686		
PL 1/4" x 191 5/8" O.D. x 155 1/2" I.D.				SA-240-304L	786		
PL 1/4" x 72" x 18'-11" (ROLL TO 72" I.D.)				SA-240-304L	1267		
BOLT 1/2"Ø x 1 3/4" LG. W/ (1) HHN & (2) FW EACH (ALL THREAD)				304L	2		
PL 1/4" x 26 1/8" x 2'-2 3/16" (PER DETAIL)				SA-240-304L	24		
PL 1/4" x 22 13/16" x 1'-11 1/8" (PER DETAIL)				SA-240-304L	20		
PL 1/4" x 21 1/2" x 2'-0 1/16" (PER DETAIL)				SA-240-304L	41		
PL 1/2" x 6" x 11 1/4" (PER DWG. A2)				SA-240-304L	20		
				TOTAL WEIGHT THIS DWG.	15,397		
CONTINUED ON DWG A3							



GENERAL NOTES: WORK THIS DWG. W/ DWG. A2 THRU A3

1. FABRICATE PER API 650 CODE.

2. BOLT HOLES TO STRADDLE 0° & 180°

				
	REVISED ITEM "A1ab".	HJP	ARM	12/04/24
	REVISED ITEM "A1w".	HJP	ARM	11/21/24
	ADDED EAR LUG	ARM	MA	10/08/24
	ADDED RE-PAD TO NOZZLES. REVISED "A1f" DETAIL	ARM	MA	09/18/24
REV.	DESCRIPTION	CHK'D	BY	DATE



HEATER SPECIALISTS, L.L.C.
A SUBSIDIARY OF E.P.T.I.
P.O. BOX 582707
TULSA, OKLA. 74158

JOB NAME:	COKE FINE SURGE TANK	DRAWN BY: RDB	CHECKED BY: ARM
LOCATION:	CARSON TURNAROUND YARD	PLOT SCALE: 24	
	CARSON, CA	DATE: 5/13/24	
CUSTOMER:	PHILLIPS 66	JOB NUMBER	DRAWING NUMBER
P.O. NUMBER:	4301390812		REV
DESCRIPTION:	COKE FINE SURGE TANK	24925	A1
			