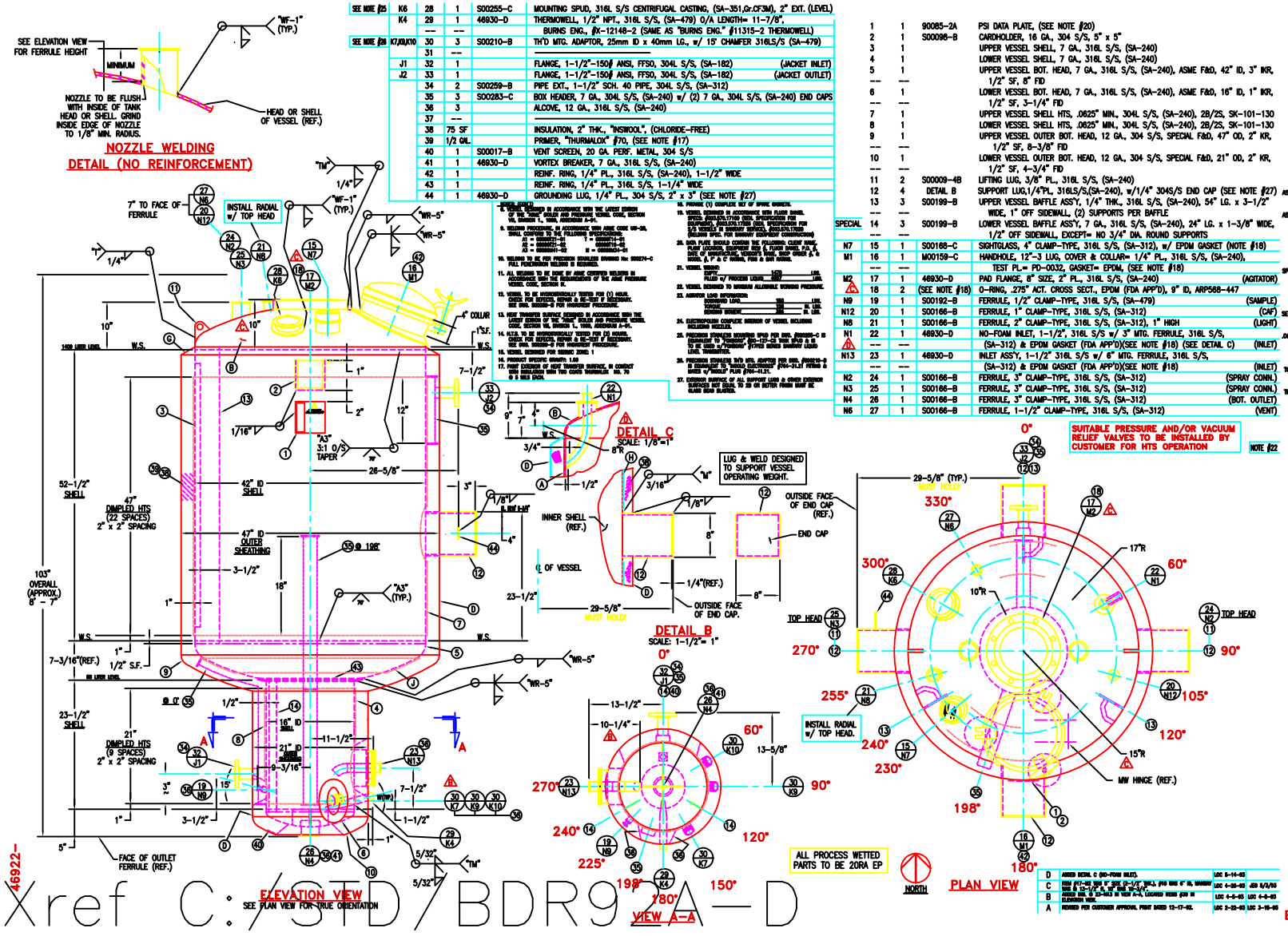

SEE NOTE #25	K6	28	1	S00255-C	MOUNTING SPUD, 316L S/S CENTRIFUGAL CASTING, (SA-351,Gr.CF3M), 2" EXT. (LEVEL)	
	K4	29	1	46930-D	THERMOWELL, 1/2" NPT., 316L S/S, (SA-479) O/A LENGTH= 11-7/8",	
		--	--		BURNS ENG., #X-12148-2 (SAME AS "BURNS ENG." #11315-2 THERMOWELL)	
SEE NOTE #26	K7,K8,K10	30	3	S00210-B	TH'D MTG. ADAPTOR, 25mm ID x 40mm LG., w/ 15° CHAMFER 316LS/S (SA-479)	
		31	--			
	J1	32	1		FLANGE, 1-1/2"-150# ANSI, FFSO, 304L S/S, (SA-182)	(JACKET INLET)
	J2	33	1		FLANGE, 1-1/2"-150# ANSI, FFSO, 304L S/S, (SA-182)	(JACKET OUTLET)
		34	2	S00259-B	PIPE EXT., 1-1/2" SCH. 40 PIPE, 304L S/S, (SA-312)	
		35	3	S00283-C	BOX HEADER, 7 GA., 304L S/S, (SA-240) w/ (2) 7 GA., 304L S/S, (SA-240) END CAPS	
		36	3		ALCOVE, 12 GA., 316L S/S, (SA-240)	
		37	--			
		38	75 SF		INSULATION, 2" THK., "INSWOOL", (CHLORIDE-FREE)	
		39	1/2 GAL.		PRIMER, "THURMALOX" #70, (SEE NOTE #17)	
		40	1	S00017-B	VENT SCREEN, 20 GA. PERF. METAL, 304 S/S	
		41	1	46930-D	VORTEX BREAKER, 7 GA., 316L S/S, (SA-240)	
		42	1		REINF. RING, 1/4" PL., 316L S/S, (SA-240), 1-1/2" WIDE	
		43	1		REINF. RING, 1/4" PL., 316L S/S, 1-1/4" WIDE	
		44	1	46930-D	GROUNDING LUG, 1/4" PL., 304 S/S, 2" x 3" (SEE NOTE #27)	

		1	1	90085-2A	PSI DATA PLATE, (SEE NOTE #20)		
		2	1	S00098-B	CARDHOLDER, 16 GA., 304 S/S, 5" x 5"		
		3	1		UPPER VESSEL SHELL, 7 GA., 316L S/S, (SA-240)		
		4	1		LOWER VESSEL SHELL, 7 GA., 316L S/S, (SA-240)		
		5	1		UPPER VESSEL BOT. HEAD, 7 GA., 316L S/S, (SA-240), ASME F&D, 42" ID, 3" IKR,		SEE ITEM #3 & #4
		--	--		1/2" SF, 8" FID		
		6	1		LOWER VESSEL BOT. HEAD, 7 GA., 316L S/S, (SA-240), ASME F&D, 16" ID, 1" IKR,		1/4" PL., 316L S/S, (SA-240)
		--	--		1/2" SF, 3-1/4" FID	ASME F&D	42" ID, 3" KR, 1" SF, 8-1/2" FID
		7	1		UPPER VESSEL SHELL HTS, .0625" MIN., 304L S/S, (SA-240), 2B/2S, SK-101-130		SEE ITEM #5 & #6
		8	1		LOWER VESSEL SHELL HTS, .0625" MIN., 304L S/S, (SA-240), 2B/2S, SK-101-130	ASME F&D	
		9	1		UPPER VESSEL OUTER BOT. HEAD, 12 GA., 304 S/S, SPECIAL F&D, 47" OD, 2" KR,		12 GA., 304 S/S
		--	--		1/2" SF, 8-3/8" FID		
		10	1		LOWER VESSEL OUTER BOT. HEAD, 12 GA., 304 S/S, SPECIAL F&D, 21" OD, 2" KR,		
		--	--		1/2" SF, 4-3/4" FID		SEE ITEM #9 & #10
		11	2	S00009-4B	LIFTING LUG, 3/8" PL., 316L S/S, (SA-240)	SPECIAL F&D	12 GA., 316L S/S, (SA-240)
		12	4	DETAIL B	SUPPORT LUG,1/4"PL,316LS/S,(SA-240), w/1/4" 304S/S END CAP (SEE NOTE #27)		
		13	3	S00199-B	UPPER VESSEL BAFFLE ASS'Y, 1/4" THK., 316L S/S, (SA-240), 54" LG. x 3-1/2"		
		--	--		WIDE, 1" OFF SIDEWALL, (2) SUPPORTS PER BAFFLE		
SPECIAL		14	3	S00199-B	LOWER VESSEL BAFFLE ASS'Y, 7 GA., 316L S/S, (SA-240), 24" LG. x 1-3/8" WIDE,		
		--	--		1/2" OFF SIDEWALL, EXCEPT= NO 3/4" DIA. ROUND SUPPORTS		
	N7	15	1	S00168-C	SIGHTGLASS, 4" CLAMP-TYPE, 316L S/S, (SA-312), w/ EPDM GASKET (NOTE #18)		
	M1	16	1	M00159-C	HANDHOLE, 12"-3 LUG, COVER & COLLAR= 1/4" PL., 316L S/S, (SA-240),		
		--	--		TEST PL= PD-0032, GASKET= EPDM, (SEE NOTE #18)		
	M2	17	1	46930-D	PAD FLANGE, 8" SIZE, 2" PL., 316L S/S, (SA-240)	(AGITATOR)	
	4	18	2	(SEE NOTE #18)	O-RING, .275" ACT. CROSS SECT., EPDM (FDA APP'D), 9" ID, ARP568-447		
	N9	19	1	S00192-B	FERRULE, 1/2" CLAMP-TYPE, 316L S/S, (SA-479)	(SAMPLE)	
	N12	20	1	S00166-B	FERRULE, 1" CLAMP-TYPE, 316L S/S, (SA-312)	(CAF)	
	N8	21	1	S00166-B	FERRULE, 2" CLAMP-TYPE, 316L S/S, (SA-312), 1" HIGH	(LIGHT)	
	N1	22	1	46930-D	NO-FOAM INLET, 1-1/2", 316L S/S w/ 3" MTG. FERRULE, 316L S/S,		
	4	--	--		(SA-312) & EPDM GASKET (FDA APP'D)(SEE NOTE #18) (SEE DETAIL C)	(INLET)	
	N13	23	1	46930-D	INLET ASS'Y, 1-1/2" 316L S/S w/ 6" MTG. FERRULE, 316L S/S,		
		--	--		(SA-312) & EPDM GASKET (FDA APP'D)(SEE NOTE #18)	(INLET)	
	N2	24	1	S00166-B	FERRULE, 3" CLAMP-TYPE, 316L S/S, (SA-312)	(SPRAY CONN.)	
	N3	25	1	S00166-B	FERRULE, 3" CLAMP-TYPE, 316L S/S, (SA-312)	(SPRAY CONN.)	
	N4	26	1	S00166-B	FERRULE, 3" CLAMP-TYPE, 316L S/S, (SA-312)	(BOT. OUTLET)	
	N6	27	1	S00166-B	FERRULE, 1-1/2" CLAMP-TYPE, 316L S/S, (SA-312)	(VENT)	

		YES	YES
		YES	YES
		-20/+374 F -29/+190 C 50.3 PSIG 3.47 BAR	-20/+374 F -29/+190 C 150 PSIG 10 BAR
		0 51 PSIG 3.50 BAR	0 248 PSIG 17.1 BAR
		Vertical 15 (FULL) 1.07 BAR	Vertical 15 (FULL) 1.07 BAR
		—	—
			GLYCOL
	SPOT		None
	SPOT*		None
	None		SPOT

* UPPER & LOWER VESSEL BOT. HEADS

SEE NOTE #21

GROUND FLUSH & RIBBON POLISH TO 20 Ra & ELECTROPOLISH (NOTE #24)

GROUND SMOOTH TO 150 GRIT (30 RA.) ALL WELDS, THEN ENTIRE TOP HEAD TO BE GLASS BEAD BLASTED

D	ADDED DETAIL C (NO-FOAM INLET).	LOC 5-14-93
C	FROM (#17-22 TOP 8" SIZE (3-1/2" SKL), (#18 USE 6" ID, GRAINGER NO. 6 12-1/2" X 6" WIDE 3/4" SKL)	LOC 4-28-93 JED 5/3/93
B	ADDED DWG. 6 SO-043 IN VIEW A-A, LOCATED WELDS (#20 IN ELEVATION VIEW.	LOC 4-5-93 LOC 4-6-93
A	REVISED PER CUSTOMER APPROVAL PRINT DATED 12-17-92.	LOC 2-23-93 LOC 3-16-93

B-6072-43 46922-