

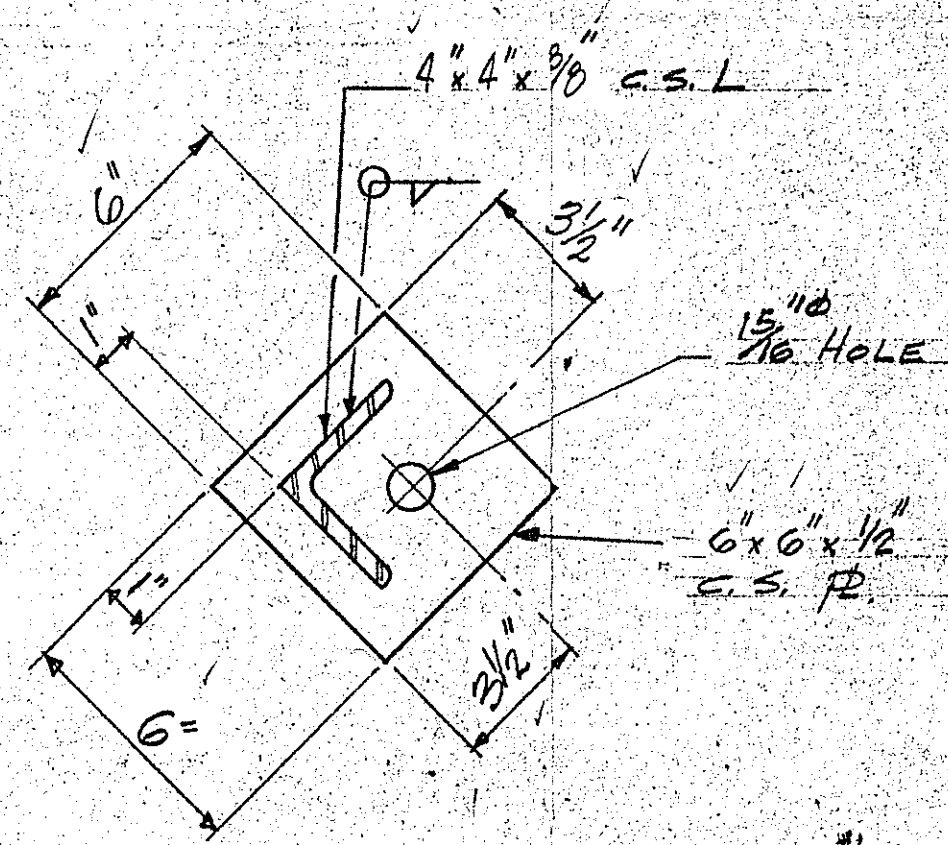
VESSEL SPECIFICATIONS

PROCESS & GENERAL INFO	1	PLANT: WILMINGTON N.C.	EQUIP. NAME: VACUUM PRESS. RELIEF TANK
	2	AREA: NO.	EQUIP. NO. T-205-B & T-2205-B
	3	BLDG. ESTERIFICATION NO.	NO. UNITS: ONE OF EACH
	4	ORDER: VENDOR:	B.P.E. NO.
	5	MAT'L IN VESSEL: MEOH	WATER WT. 8.34 LB./GAL.
	6	CAPACITY OPERATING: 225 GALS. DESIGN: 225 GALS. TOTAL VOL. 250 GALS.	
	7	AGITATION: NONE	
	8	USE: VACUUM PRESSURE RELIEF TANK	HORIZONTAL: NO VERTICAL: YES
	9	HEATED: NO COOLED: NO JACKET: NO COIL: NO OTHER: NONE	
	10	PRESSURE & TEMP.	SHELL: COIL:
	11	DESIGN: 10 PSIG AT: Ambient °F	PSIG AT:
	12	OPERATING: 6 PSIG AT: Ambient °F	PSIG AT:
	13	TEST HYDROSTATIC: 15 PSIG HOLD 2 HOURS	PSIG HOLD 2 HOURS
	14	CORROSION ALLOWANCE: NONE	
	15	CONSTRUCTION CODE: 5CS-3T1	STAMPING: NONE
SHELL	16	INSPECTION HERCULES: YES NATIONAL BOARD: NO OTHER: VENDOR	
	17	X-RAY INSPECTION: NO FILM INSPECTION: NO NATIONAL BOARD: NO	
	18	THERMAL TREATMENT: NO	
	19	PASSIVATION: INSIDE NO OUTSIDE NO	
	20	CLEANING: 5CS-3T1 PAINTING: 5CS-3T1 C.S. PARTS ONE SHOP COAT RED LEAD PARDON PAINT	
	21	WEIGHTS EMPTY: 1000 LBS. FILLED W/ WATER: 3,100 LBS. EXTERNAL LOADING LBS.	
	22	FILLED W/ CONTENTS: LBS. TOTAL MAX. LOAD 3,100 LBS.	
	23	MATERIAL: STAINLESS STEEL, ASME-SA 240 - TYPE 304	
	24	DIAMETER: 40" O.D. THICKNESS: 3/16" LENGTH STRAIGHT SHELL: 40"	
	25	SEAMS WELDED: HELIARC JOINT TYPE: DOUBLE BUTT EFFICIENCY:	
	26	LEFT END RIGHT END	
	27	MATERIAL: S.S. ASME SA 240 - TYPE 304	SAME
	28	TYPE: STD. F & D	SAME
	29	WELDED: HELIARC	SAME
	30	THICKNESS: 3/16" NOM.	SAME
HEAD	31	MATERIAL: S.S. ASME SA 312 TYPE 304	THICKNESS: SEE NOTE
	32	TYPE: L.J. STUB ENDS OR PIPE WITH: 150 LB. F.S.L. (UNLESS NOTED) AMER. STD. FLG.	
	33	MANHOLE: NONE	
GASKETS	34	FOR TEST: 1/16" THK. J.M. #60	
	35	FOR COMPLETED CONNS. SUPPLY NEW J.M. #60 - 1/16" THK.	
JACKETS	36	MATERIAL: NONE DIA. THICKNESS:	
	37	TYPE HEAD: THICKNESS:	
	38		
COILS	39	MATERIAL: NONE PIPE DIA. THICKNESS:	
	40	TYPE: LIN. FT. SQ. FT. SURFACE	
	41		
SUPPORTS	42	LUGS: NO LEGS: 4 SHIRT: NO SADDLES: NO OTHER: NONE	
	43	INTERIOR EXTERIOR	
BOLTING	44	BOLTS OR BOLT STUDS: NONE	5CS-3T1
	45	MATERIAL:	
	46	NUTS: TYPE & MAT'L.	
MISC.	47	INSULATION: NONE THICKNESS:	
	48	ALL GASKET SURFACES TO HAVE COMMERCIAL PHOTOGRAPHIC SERRATED FINISH	

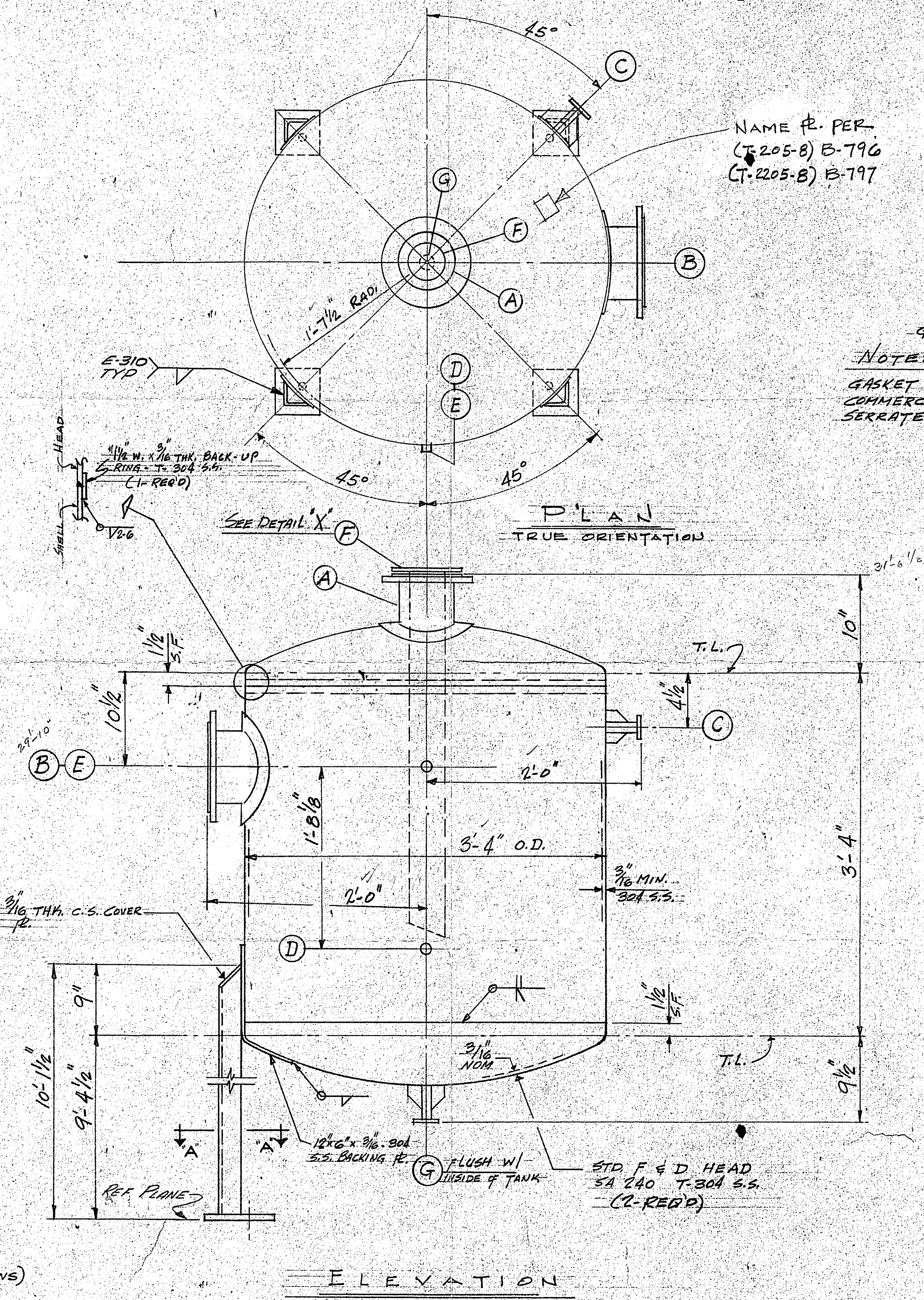
NOZZLE	SIZE	USE	DWG. NO.
A	8"	NOZ. FOR @	1412-WS
B	8"	VAPOR OUTLET	1417-WS
C	1"	WATER INLET	1416-WS
D	3/4"	LEVEL GAGE	1419-WS
E	3/4"	DO	DO
F	6"	VAPOR OUTLET	DET. X
G	1"	DRAIN	SIMILAR TO 1416-WS

* NOZZLE TO BE FLUSH W/ INSIDE OF TANK

NOTE:
NOZZLES 1 1/2" THRU 3" TO BE SCH 80S
3 1/2" & ABOVE TO BE SCH 40S

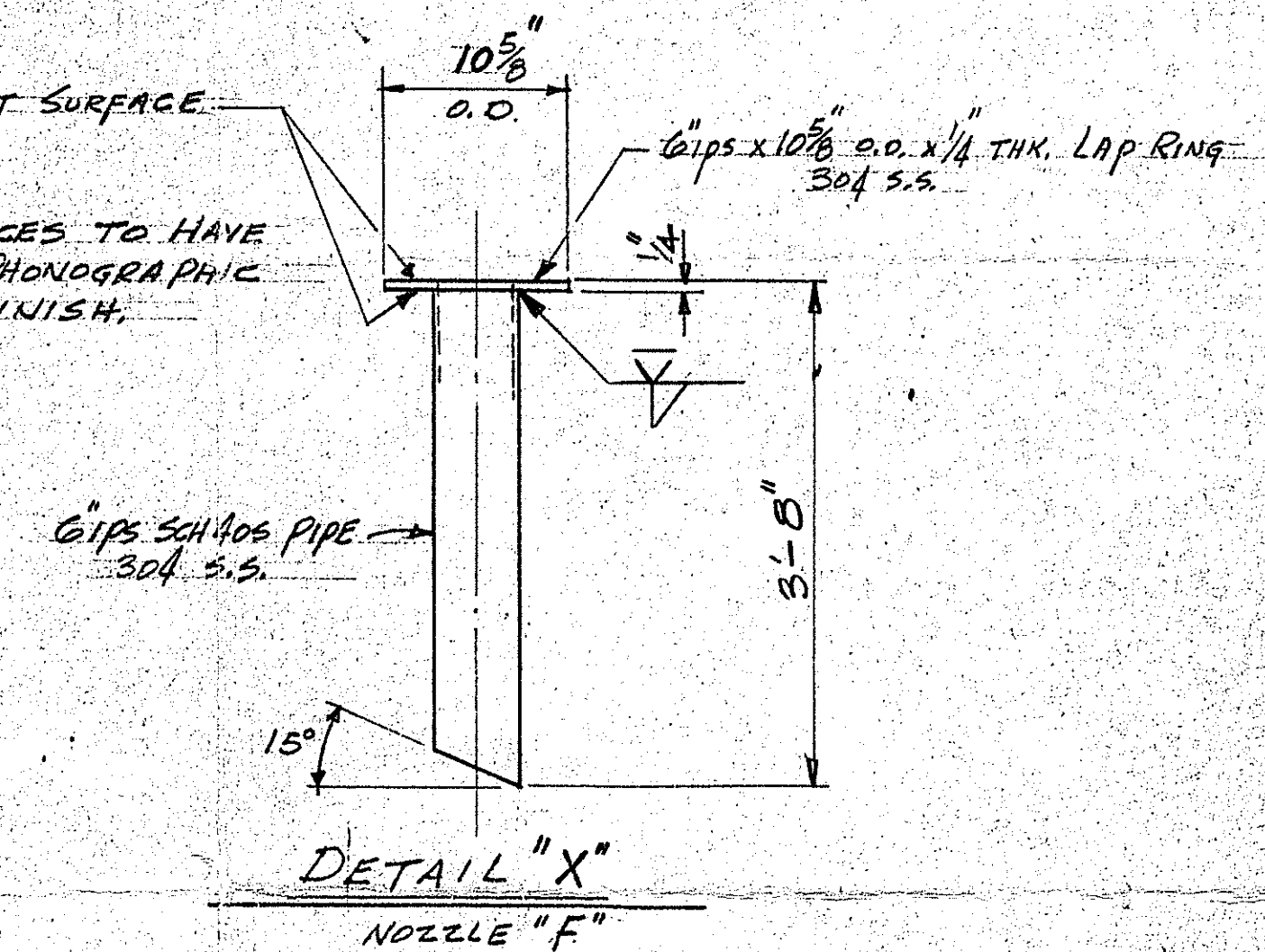


SECTION A-A (SEE DWG. 1419-WS)
4-REQD.



NAME P. PER.
(T-205-B) B-796
(T-2205-B) B-797

NOTE:
GASKET SURFACES TO HAVE COMMERCIAL PHOTOGRAPHIC SERRATED FINISH.



#103855

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MUST BE RETURNED
TO VAULT

RELEASED FOR
CONSTRUCTION
BY B&P DATE 2-15-67

B.P.F. NO. 37355	DATE 3/7/67	T-205-B
SHEET 1	APPARATUS T-205-B	T-2205-B
PROJECT & ACCOUNT 26001	2001	2014
ORDER NO. 336-026-01117	DETAIL OF: VACUUM PRESS. RELIEF TANK	
PLANT WILMINGTON - WILM., N.C.	CUSTOMER HERCULES	INZ. PD. 886-026-01117-01-000-FCD
APPROVED: [Signature]	APPROVED BY: [Signature]	DATE: [Date]
DESIGNED BY: [Signature]	DATE: 1-9-67	CHECKED BY: [Signature]
REVIEWED: [Signature]	SCALE:	
WORK ORDER 12454	DRAWING NO. D-736	