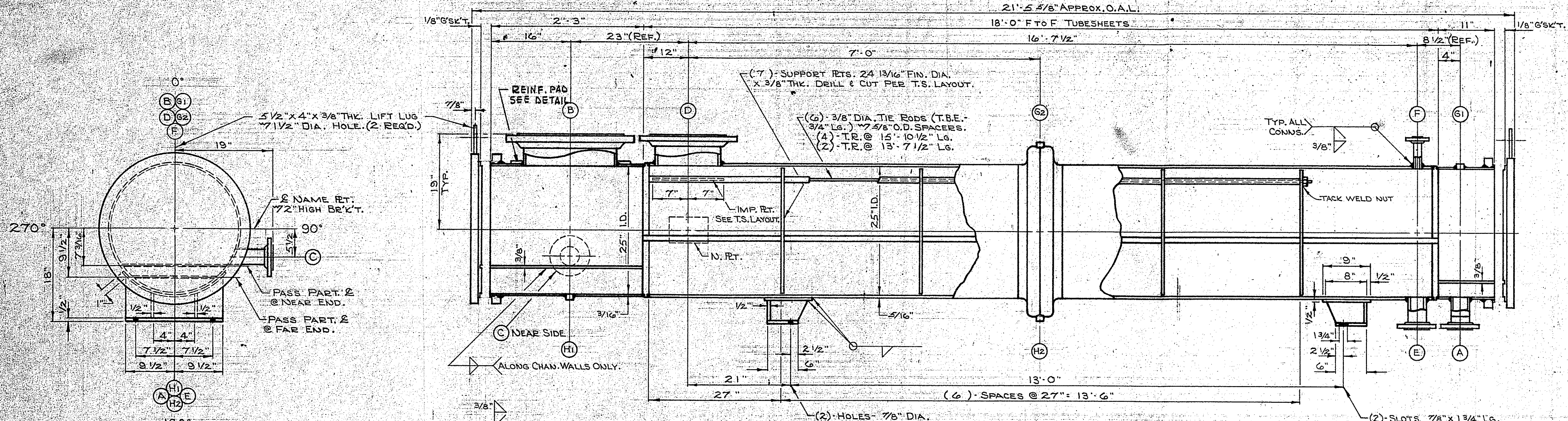
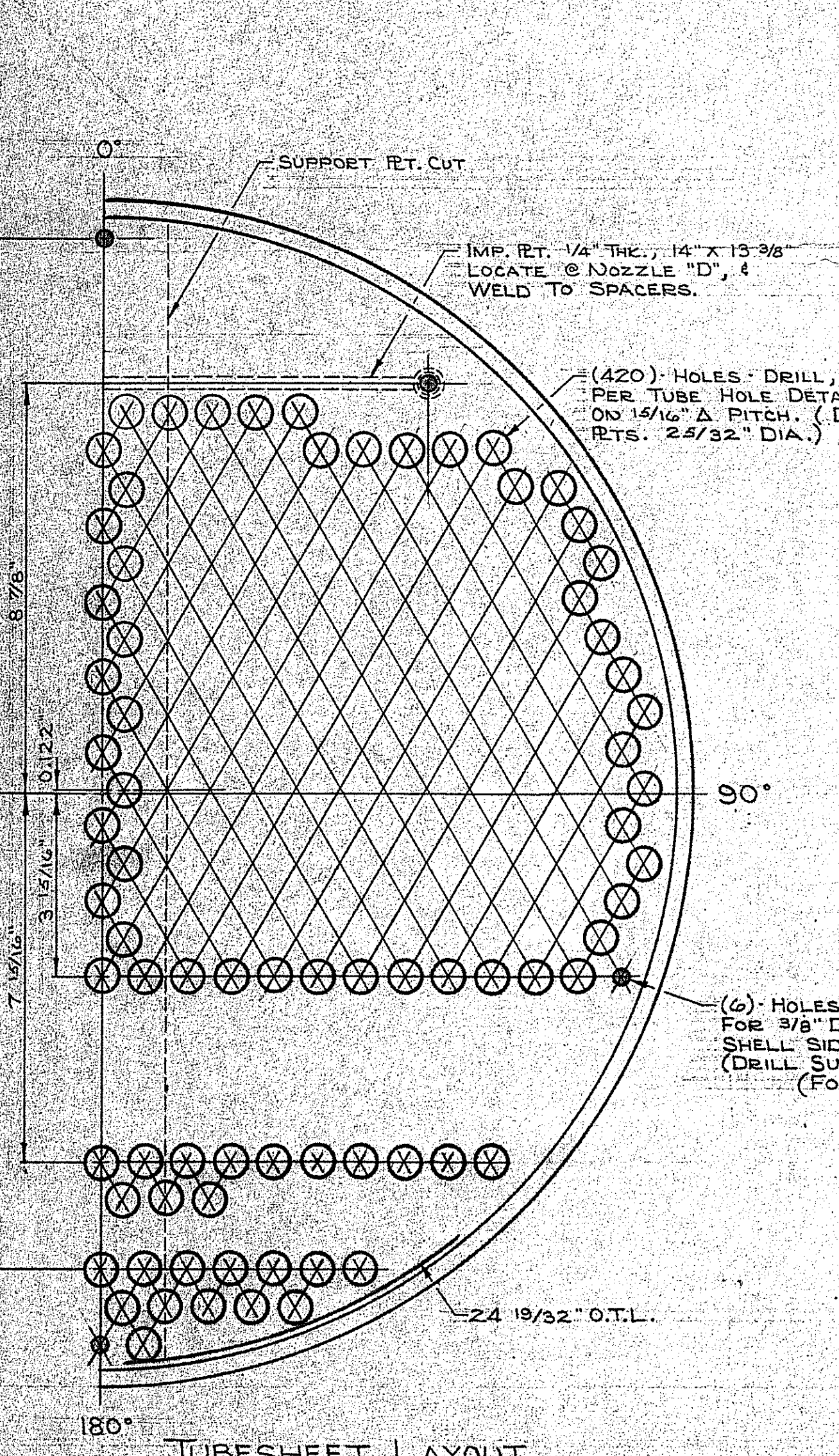
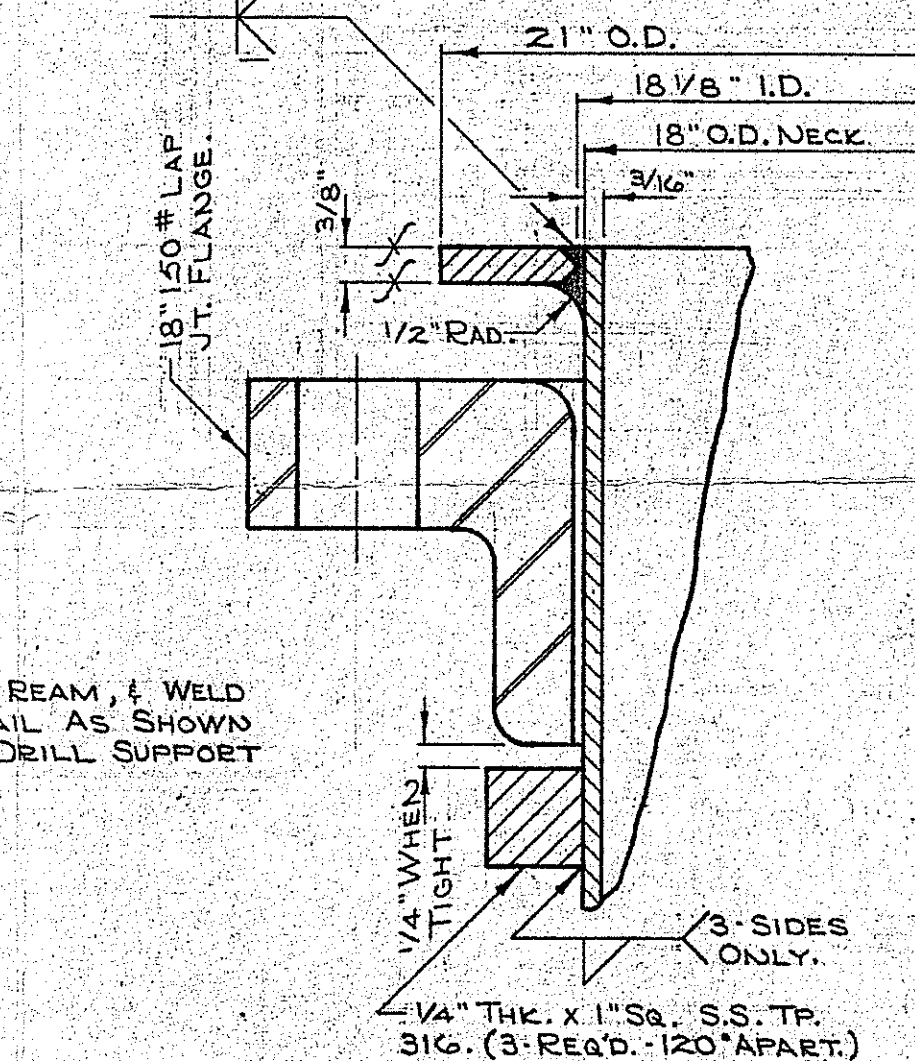




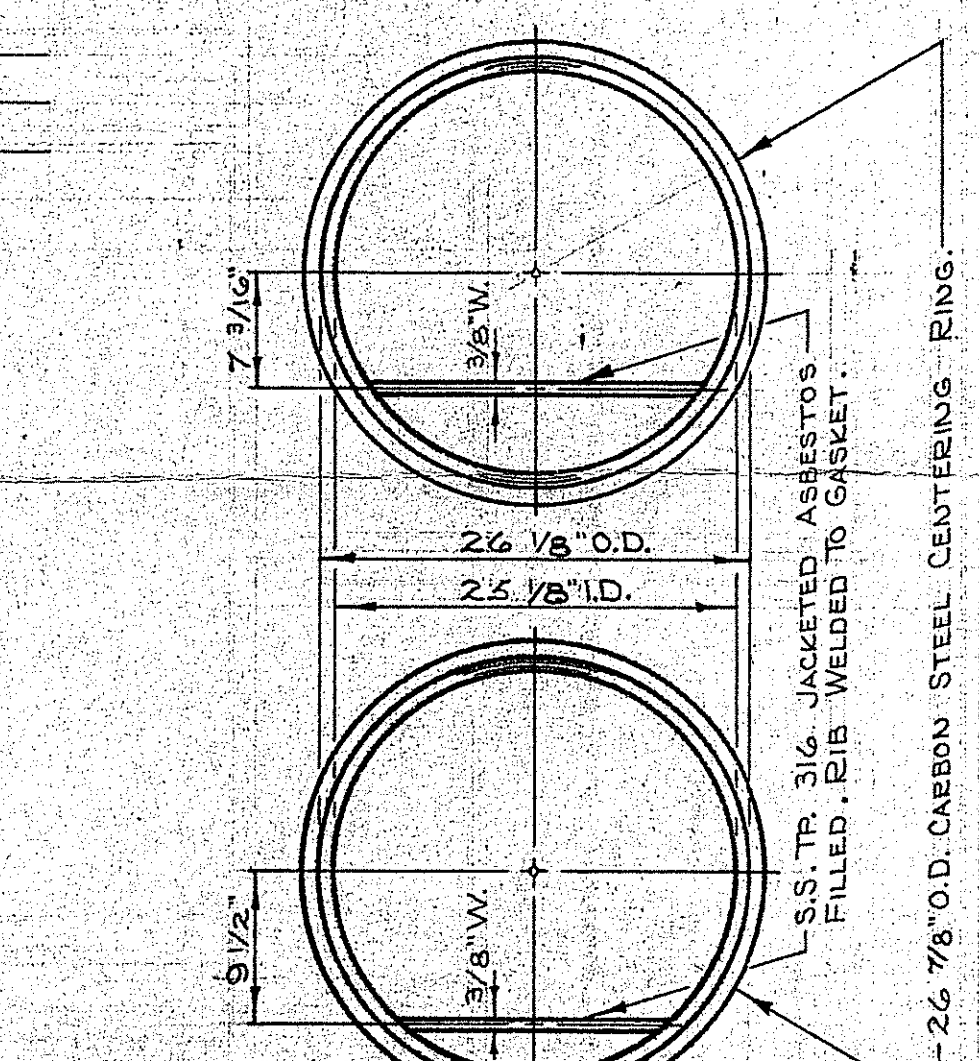
TRUE ORIENTATION



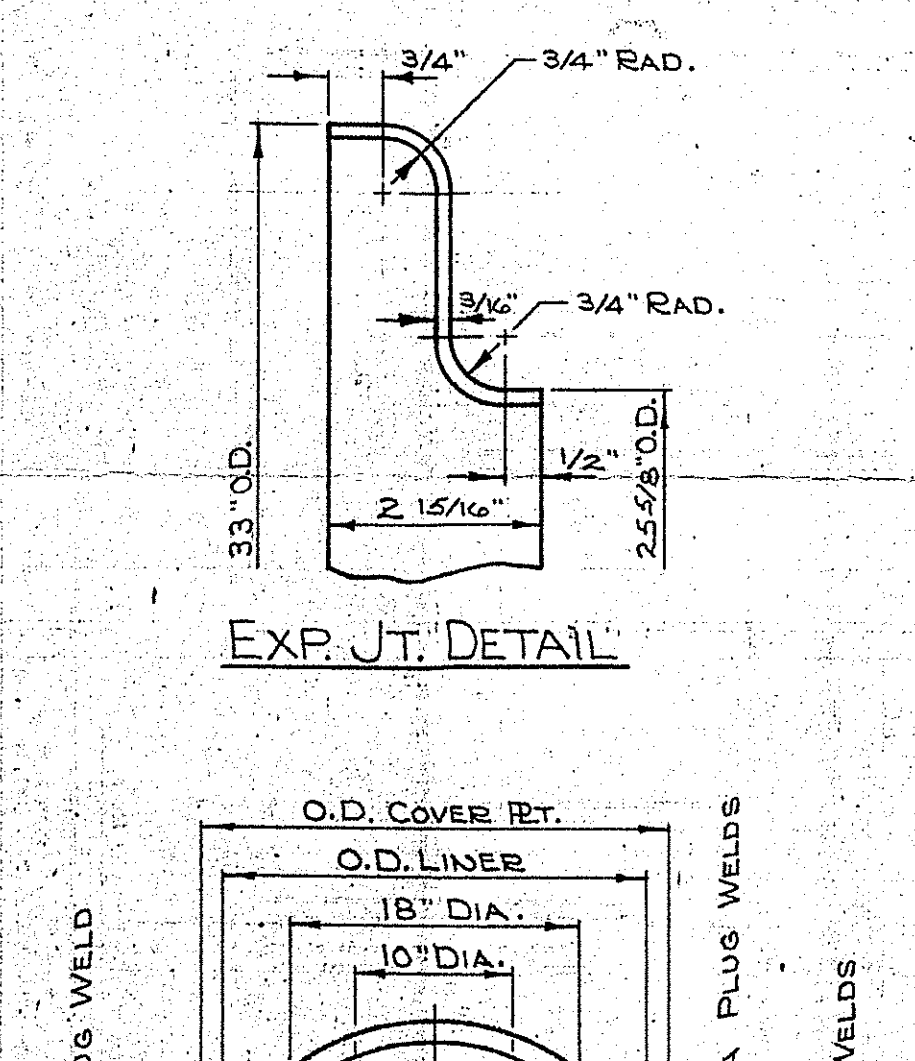
TUBESHEET LAYOUT



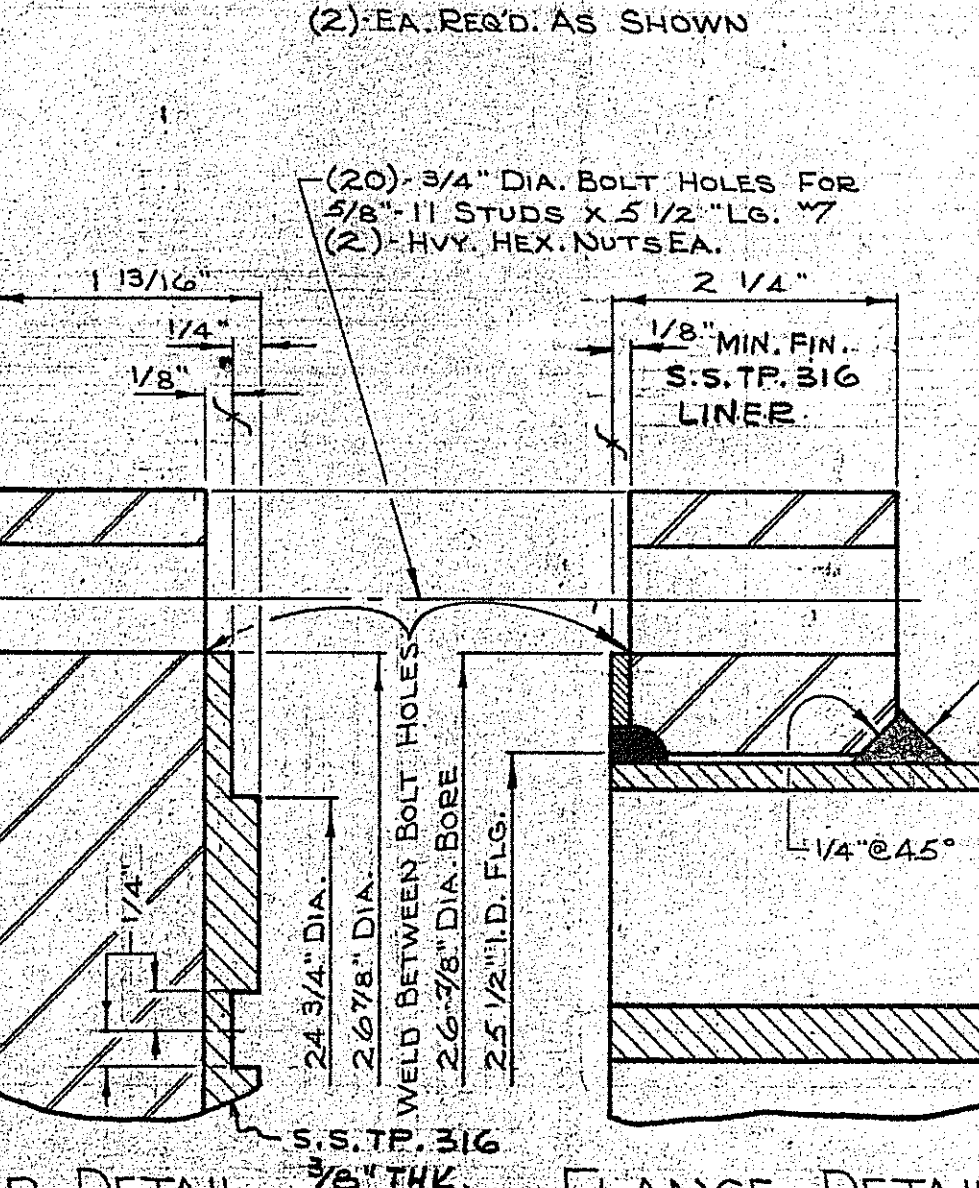
NOZZLE "B" STUB
END DETAIL



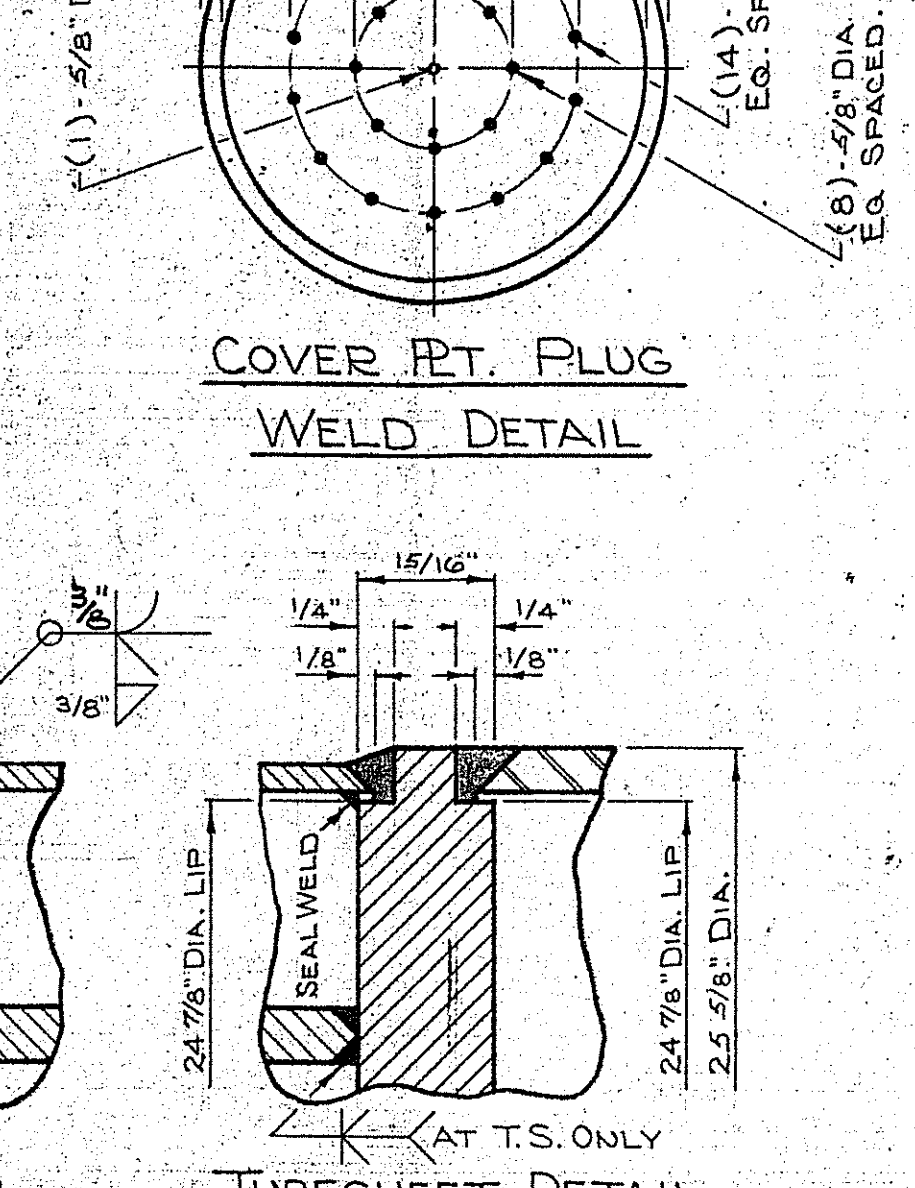
GASKET DETAIL
(2) EA. REQ'D. AS SHOWN



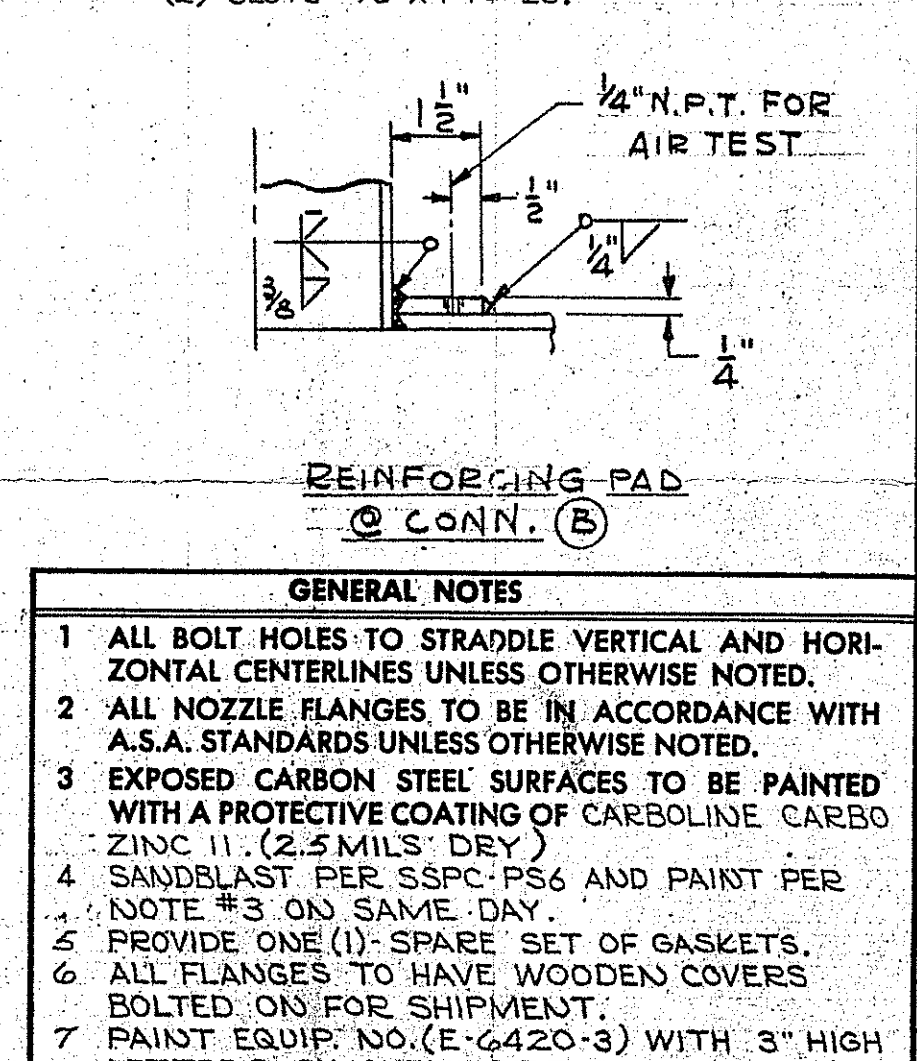
COVER RT. PLUG
WELD DETAIL



COVER DETAIL



FLANGE DETAIL



TUBESHEET DETAIL

- GENERAL NOTES**
- ALL BOLT HOLES TO STRADDLE VERTICAL AND HORIZONTAL CENTERLINES UNLESS OTHERWISE NOTED.
 - ALL NOZZLE FLANGES TO BE IN ACCORDANCE WITH A.S.A. STANDARDS UNLESS OTHERWISE NOTED.
 - EXPOSED CARBON STEEL SURFACES TO BE PAINTED WITH A PROTECTIVE COATING OF CARBOLINE CARBO-ZINC II. (2.5 MILS. DEY)
 - SANDBLAST PER SSPC-PS6 AND PAINT PER NOTE #3 ON SAME DAY.
 - PROVIDE ONE (1) SPARE SET OF GASKETS.
 - ALL FLANGES TO HAVE WOODEN COVERS BOLTED ON FOR SHIPMENT.
 - PAINT EQUIP. NO. (E-6420-3) WITH 3" HIGH LETTERS ON SHELL SIDE.
 - HERCULES STD.: 5CS-3E1, & HCS-661

VENDOR PRINT FILE: 43910 DATE: 2-5-73
EQUIPMENT NOS: E-6420-3
PROJECT AND ACCOUNT NOS: 026-057 2049
PURCHASE ORDER NO: 336-026-57325
PLANT: HANOVER

✓ DENOTES 12.5 RMS FINISH.
CUSTOMER INSPECTION REQ'D.
(1) UNIT REQ'D
SER. NO.: 73-24

DESIGN DATA		
THIS EXCHANGER SHALL BE FABRICATED IN ACCORDANCE WITH A.S.M.E. CODE, SECT. VIII, DIV. 1, 1971 EDITION, & T.E.M.A. CL. 'B'. SO INSPECTED AND CODE STAMPED.		
	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE:	7.5 P.S.I.G.	7.5 P.S.I.G.
HYDRO. TEST PRESSURE:	11.3 P.S.I.G.	12.7 P.S.I.G.
DESIGN TEMPERATURE:	300°F	200°F
CORROSION ALLOWANCE:	1/16"	0"
HEAT TREATMENT:	NO	NO
RADIOGRAPH:	NO	NO
NUMBER OF PASSES:	ONE (1)	THREE (3)
MATERIALS		
CYLINDER:	SA-515-GR.70	SA-240-TP.316
COVER:	SA-515-GR.70	SA-515-GR.70
CYLINDER FLANGES:	SA-181-GR.1	SA-181-GR.1
NOZZLE FLANGES:	SA-181-GR.1	SA-181-GR.1
NOZZLE PIPE:	SA-53-GR.B	SA-312-TP.316
GASKETS:		SS. 316 SPIRAL WOUND ST. CARBON STEEL CENTERING RING
NOZZLE REINFORCING PAD:		SA-240-TP.304
COUPLINGS:	SA-105-GR.2	SA-182-TP.316
PLUGS:	CARBON STEEL	SS. TP.316
BOLTS:		SA-193-GR.B7
NUTS:		SA-194-GR.2H
TUBES: 3/4" O.D. x 16 BWG (AWW) x 18'-0" L.S.		SA-240-TP.316
TUBESHEETS:		SA-240-TP.316
BAFFLES AND TUBE SUPPORT PLATES:		CARBON STEEL
IMPINGEMENT PLATE:		CARBON STEEL
TIE RODS AND SPACERS:		CARBON STEEL
SEALING STRIPS:		
FLOATING HEAD COVER:		
FLOATING HEAD RING FLANGE:		
FLOATING HEAD GASKET:		
PASS PARTITIONS:		SA-240-TP.316
SPLIT AND BACKING RINGS:		
LONGITUDINAL BAFFLE:		
SHELL SUPPORTS:		SA-515-GR.70
SHELL SUPPORT REINFORCING PAD:		SA-515-GR.70
EXPANSION JOINT:		SA-240-TP.316
LINERS:		SA-240-TP.316
STUB ENDS:		A-403-TP.316

NOZZLE DATA					
MARK	SIZE	RATING	TYPE	PIPE THICK.	SERVICE
A	3"	150#	LAP JT.	SCH.10S	LIQUID INLET
B	18"			3/4" RT. VAPOR OUTLET	
C	3"			SCH.10S	LIQUID OUTLET
D	12"		R.F.S.O.	SCH.30	STEAM INLET
E	3"			SCH.40	COND. OUTLET
F	1"			SCH.80	VAPOR OUTLET
G1 & G2	3/4"	3000#	THE D.H. C'PLG.	VENT PL'G'D.	
H1 & H2	3/4"	3000#	THE D.H. C'PLG.	DRAIN PL'G'D.	

GROSS SURFACE: 1484 SQ. FT.
EMPTY: 7950 LBS. BUNDLE: FLOODED WITH WATER: 12,475 LBS.
TAG: EQUIP. # E-6420-3
CUST. P.O. # 336-026-57325-01-000-FCD

SIZE: 25-216 TYPE: CEN
PURGE STRIPPER FEED VAPORIZER
— FOR —
HERCULES, INC.
WILMINGTON, DELAWARE 19899
SCALE: NONE DRAWN BY: P.W.H. CHECKED BY: H.G. Schober
DATE: 1-23-73 DATE: 1-30-73
Old Dominion Iron & Steel Corp.
Belle Isle, Richmond, Virginia
Drawg. No. D-73-1-24-R2

REVISIONS			
2	ADDED REINFORCING PAD TO CONN. "B"		
1	REV. PER CUST. PRINT 8/5/73	222-73	P.W.H.
REV.	DESCRIPTION	DATE	BY