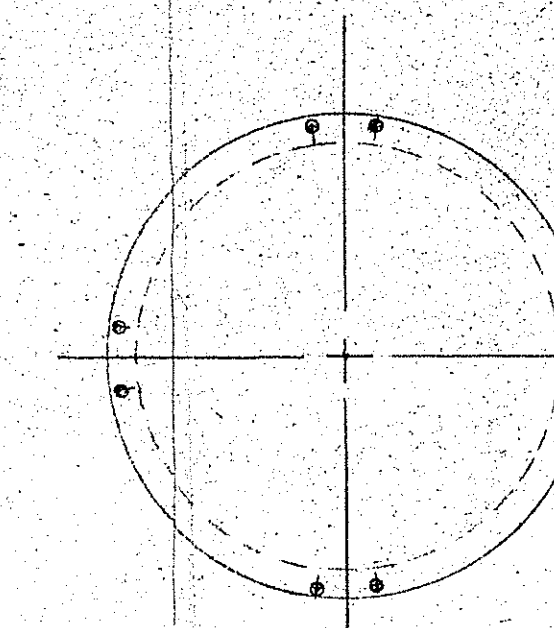
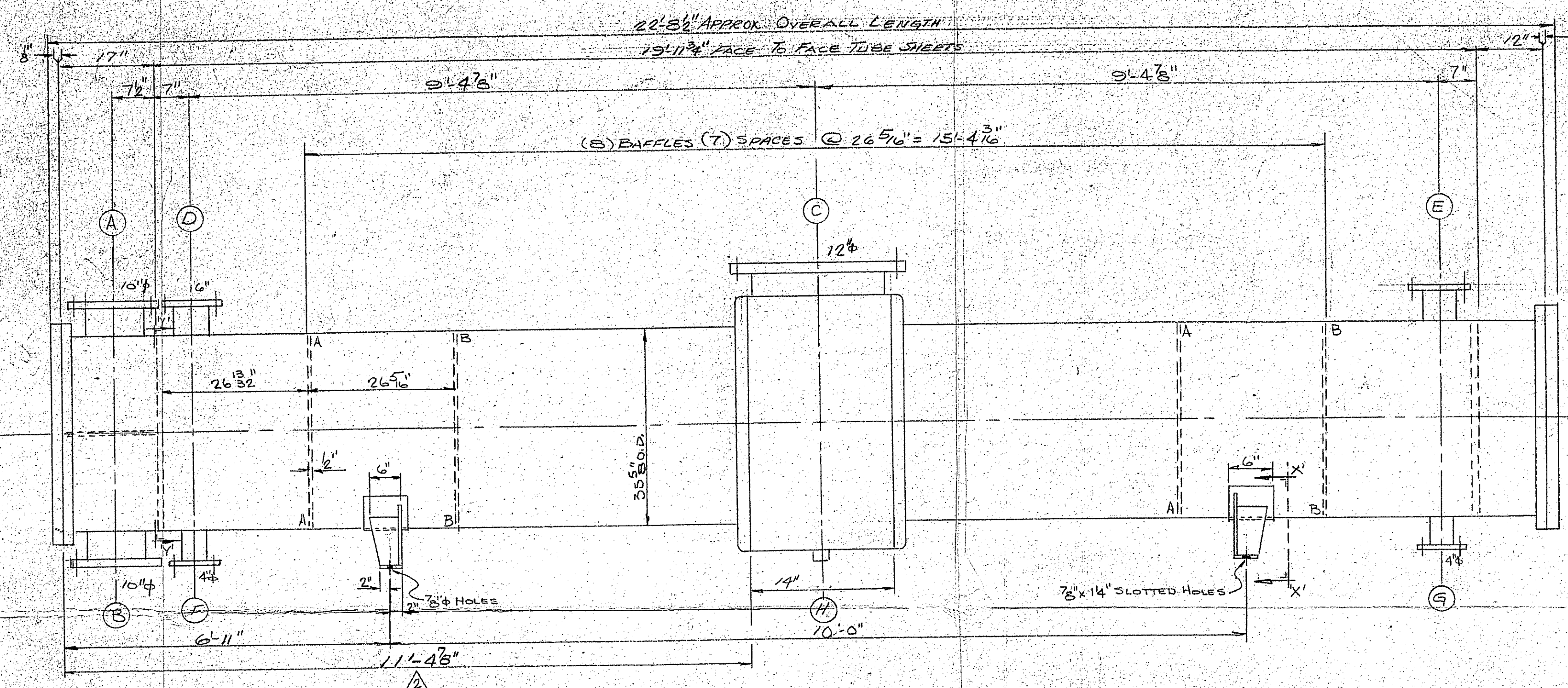
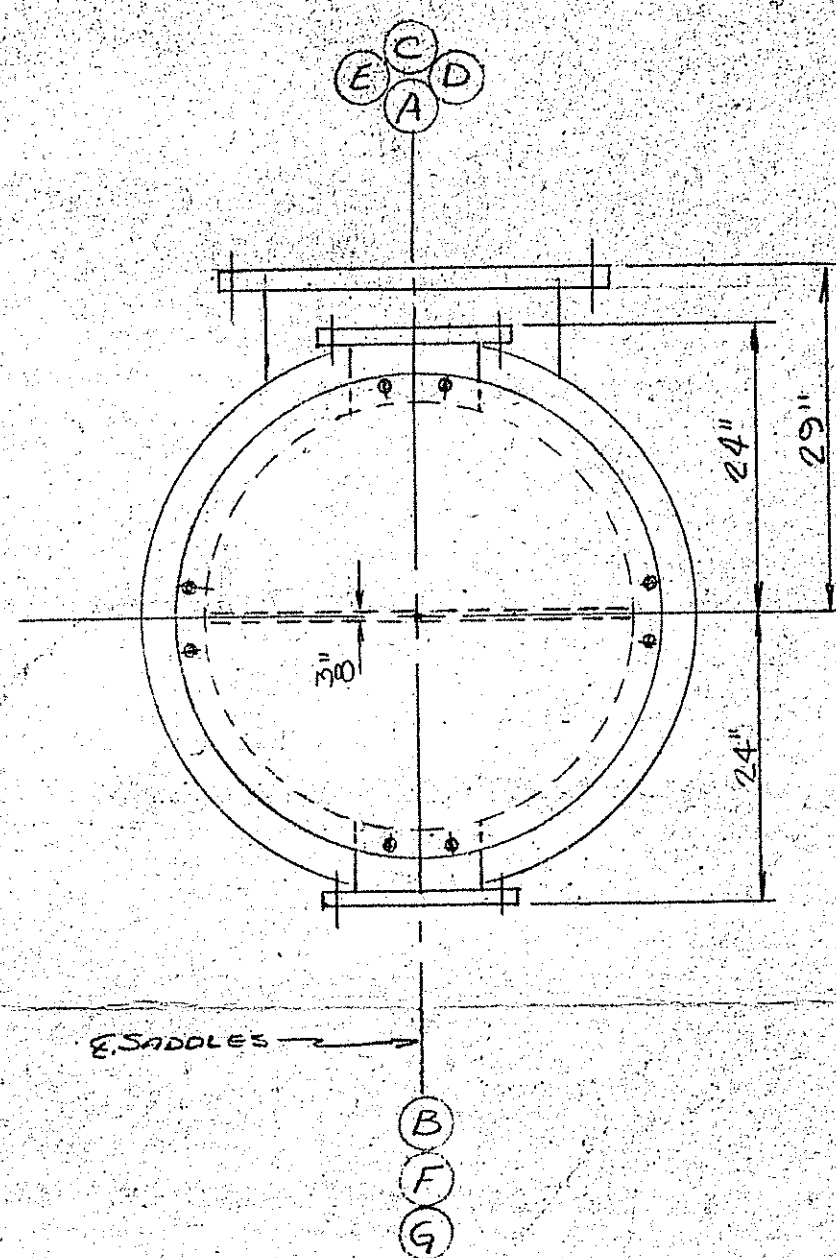


ALL DIMENSIONS ARE
TO GASKET SURFACES



NOZZLE SCHEDULE					
WK	SIZE	RATING	FACING	NOZZLE NECK	SERVICE
A	10" $\frac{1}{2}$	150#	R.F.S.O.	5/8" WT. PIPE	TUBE IN
B	10" $\frac{1}{4}$		R.F.S.O.	5/8" WT. PIPE	TUBE OUT
C	12" $\frac{1}{2}$		CRP JOINT	3/4" THK. TP 304	SHELL IN
D	6" $\frac{1}{4}$			5/16" THK. TP 304	SHELL OUT
E	6" $\frac{1}{2}$				
F	4" $\frac{1}{2}$			SCH. 40 TP 304	
G	4" $\frac{1}{4}$				
H	3" $\frac{1}{4}$	3000#	SCRB	FULL GRG TP 316	DRAIN

ASME CODE REQUIREMENTS		
	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE	7.5 PSI	7.5 PSI
DESIGN TEMPERATURE	300 °F	300 °F
HYDROSTATIC TEST PRESSURE	113 PSI	113 PSI
CORROSION ALLOWANCE	0"	1/8"
POSTWELD HEAT TREATMENT	NONE	NONE
RADIOGRAPHIC EXAMINATION	NONE	NONE
ASME CODE STAMP AND NATIONAL BOARD REGISTRATION <u>TS</u> REQUIRED.		

CUSTOMER INSPECTION IS REQUIRED.

SPECIFICATION REQUIREMENTS: ASME CODE LIPV SECTION VIII AND TEMA CLASS "C" SPECS.

MATERIALS OF CONSTRUCTION		
TUBES:	SA-240 TYPE 304 HVE. WALL NO. 718 OD .34" BWG 7/8 LENGTH 20.0	
TUBESHEETS:	SA-240 TYPE 304	
PART	SHELL SIDE	TUBE SIDE
SHELL CHANNEL	SA-240 TP.304	SA-212 GR.B
SHELL COVER	NONE	NONE
FORMED HEADS	SA-240 TP.304	NONE
BODY FLANGES	NONE	SA-212 GR.B
NOZZLE FLANGES	SA-184 GR.1	SA-184 GR.1
NOZZLE PIPE	SA-240 TP.304	SA-53 GR.B
STUDS AND NUTS	SA-193-B7 SA-194-2H	SA-193-B7 SA-194-2H
GASKETS	8"TH. COMP. A-5862705	
PACKING		
FLOATING BARREL		
FLOATING HEAD COVER		
FLOATING HEAD BACKING RING		
CHANNEL COVER	SA-212 GR.B	

NON PRESSURE PARTS	
SUPPORT SADDLES	STEEL ON 304% PAD
BAFFLES/TUBE SUPPORTS	TiPE 304%S
TIE RODS	TYPE 304%S
PASS PARTITIONS	STEEL

NOTES

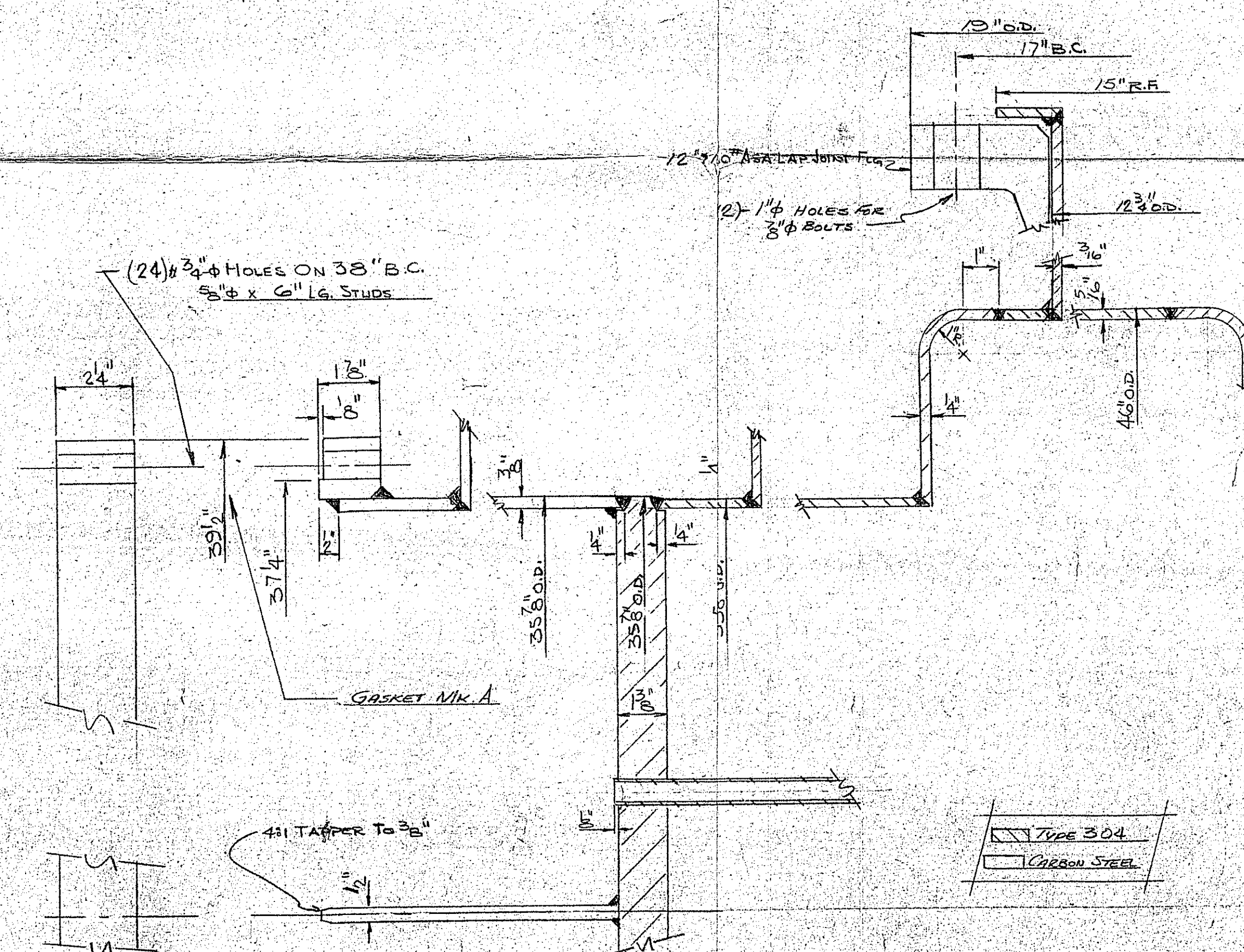
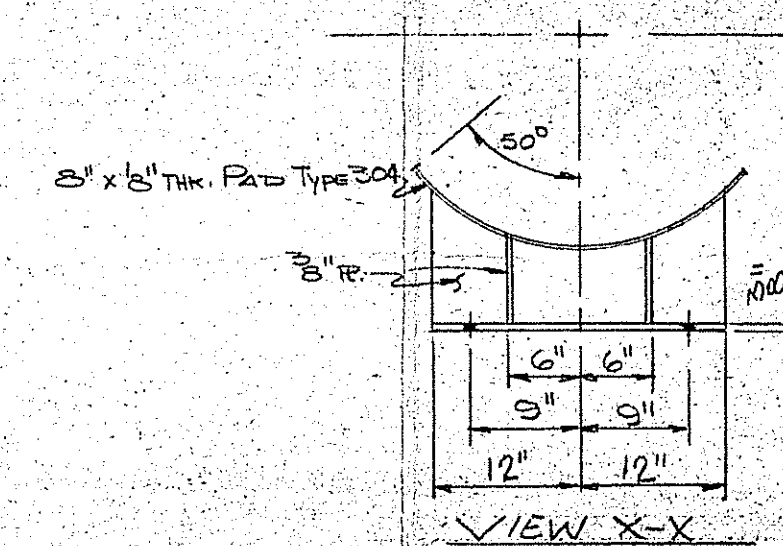
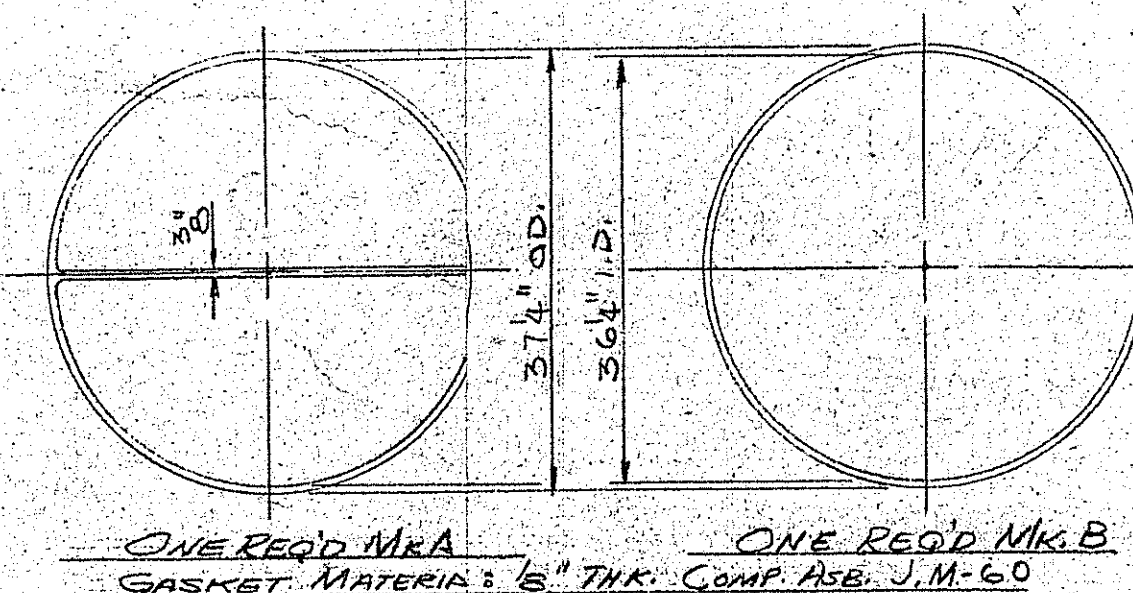
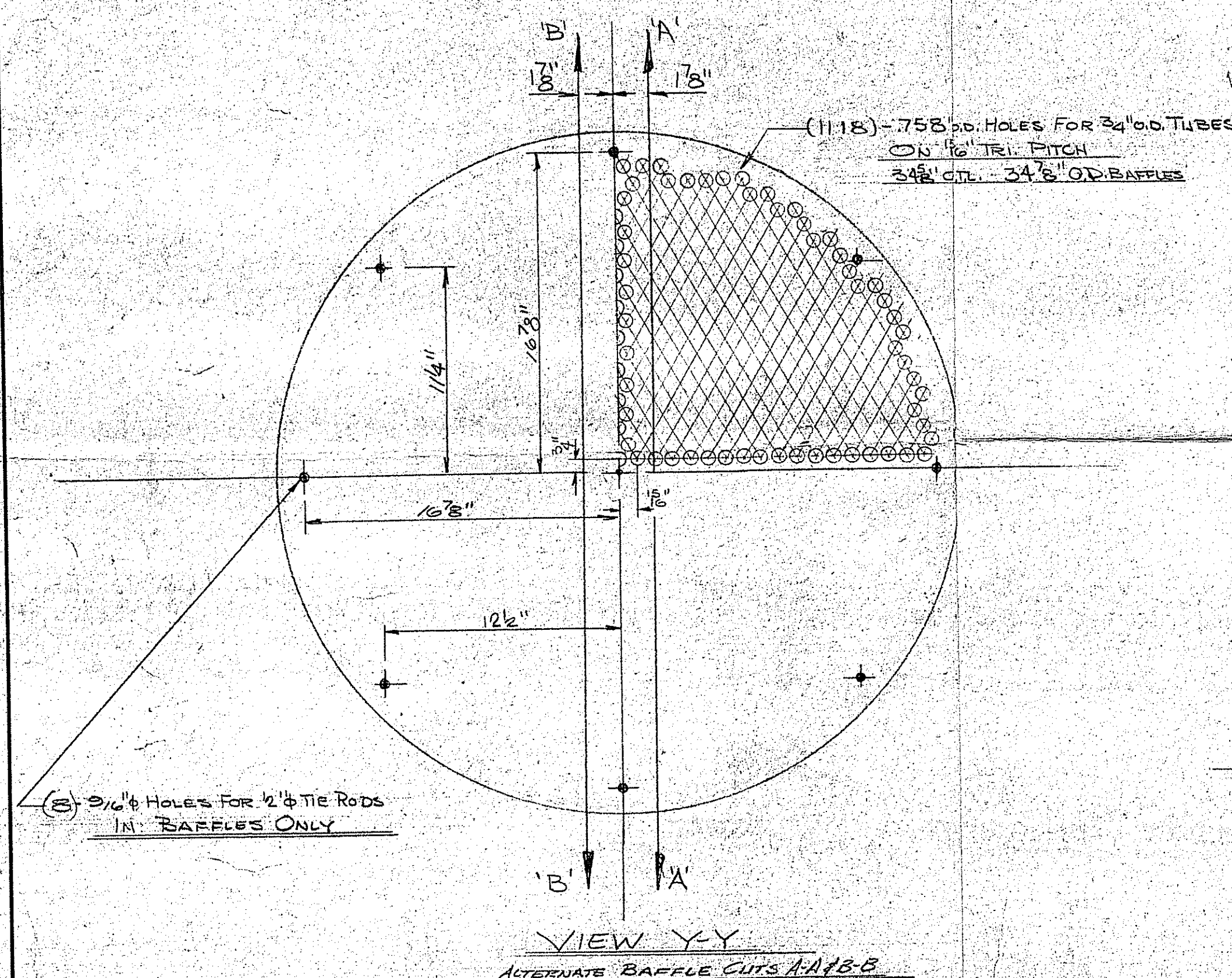
1. ESTIMATED WEIGHT - EMPTY: 14,000^{##} FULL:
2. PAINT: SAND/BLAST OUTSIDE APPLY ONE COAT SHOP PRIMER TO ALL CARBON STEEL
3. ALL BOLT HOLES TO STEADLE MAIN CENTERLINES.
4. PAINT EQUIPMENT NUMBER ON SHELL IN 2" HIGH LETTERS
5. HEAT TREATING AREA - 4400 SQ. FT.
6. ALL SHELL OPENINGS TO HAVE PROTECTIVE RAYWOLD COVERS BOLTED ON.

1	3-28-67	CHANGED FROM 1014"
2	2-5-67	GENERAL REVISION
NO.	DATE	REVISIONS

CUSTOMER: HERCULES POWDER CO., INC.	
CUSTOMER PO NO: 336-026-01085-11-000-PCD	
ITEM NO: E-420-6	PROJECT NO:
PLANT: WILMINGTON, N.C.	
TEMA SIZE AND TYPE	
35-240 CEN. HORIZONTAL CONDENSER	

SOUTHERN HEAT EXCHANGER CORP.
TUSCALOOSA, ALABAMA

DATE	ORDER NO.	DRAWING NO.
DRAWN BY DEDEAUX	66-190	SL-758-2



B.P.F. NO. 37335 DATE 4/7/67
 SHEET 1 APPARATUS NO. 2-630-6
 PROJECT & ACCOUNT 26001 2003
 ORDER NO. 335-026-01085
 PLANT Wilmington
 APPROVED H. C. Schuler