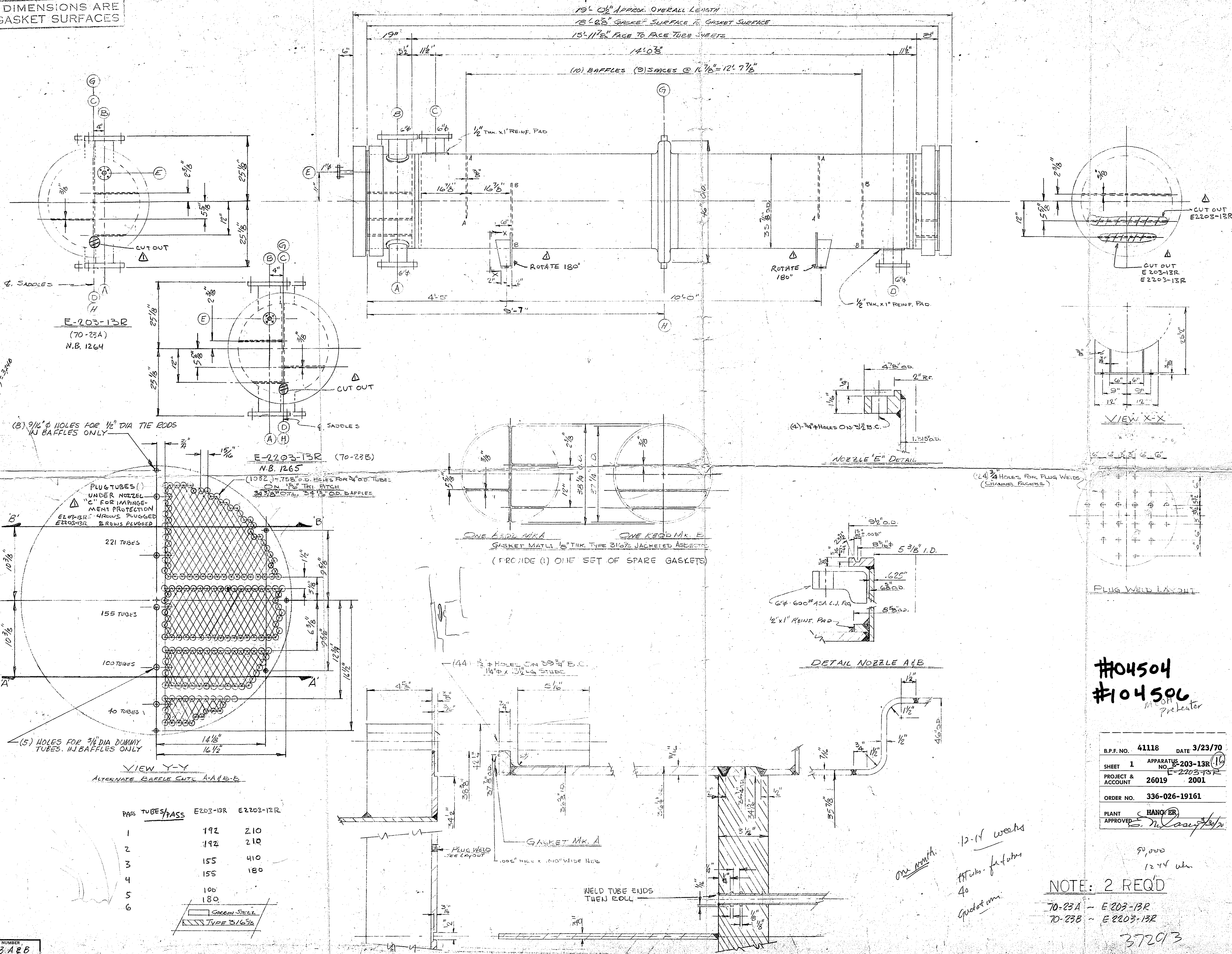


ALL DIMENSIONS ARE
TO GASKET SURFACES

[illegible]

ASME CODE REQUIREMENTS		
	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE	300 PSI	600 PSI
DESIGN TEMPERATURE	600 °F	600 °F
HYDROSTATIC TEST PRESSURE	450 PSI	900 PSI
CORROSION ALLOWANCE	1/8"	0"
POSTWELD HEAT TREATMENT	NONE	NONE
RADIOGRAPHIC EXAMINATION	FILL ON CHANNEL LONG SEAM	
ASME CODE STAMP AND NATIONAL BOARD REGISTRATION: <u>15</u> REQUIRED.		

CUSTOMER INSPECTION 15 REQUIRED.

SPECIFICATION REQUIREMENTS: ASME CODE UPV SECTION
VIII AND TEMA CLASS "C"

MATERIALS OF CONSTRUCTION		
TUBES:	SA-240 TYPE 316 STEEL WALL NO. 1036 OD 34" BWG 14 LENGTH 76.50"	
TUBESHEETS:	SA-240 TYPE 316 SS	
PART	SHELL SIDE	TUBE SIDE
SHELL/CHANNEL	SA-515 GR 70	SA-240 TYPE 316
SHELL COVER	NONE	NONE
FORMED HEADS	SA-515 GR 70	NONE
BODY FLANGES	NONE	SA-515 GR 70
NOZZLE FLANGES	SA-181 GR 1	SA-181 F 316
NOZZLE PIPE	SA-53 GR B SCH 40	SA-240 TYPE 316
STUDS AND NUTS	SA-193-B SA-194-2H	SA-193-B SA-194-2H
GASKETS	TP-316 X JACKET	

PACKING	
FLOATING BARREL	
FLOATING HEAD COVER	
FLOATING HEAD BACKING RING	
CHANNEL COVER	CANAL W/ 3A-210 GR 15 SA-240 TP 316
REINF. PAD :	TUBE SIDE SA-240 TP 316 SHELL SIDE SA-515 GR 70
NON PRESSURE PARTS	
SUPPORT SADDLES	SA-7
BAFFLES/TUBE SUPPORTS	SA-7
TIE RODS	STEEL
PASS PARTITIONS	TYPE B 16 G 1/2

NOTES

1. ESTIMATED WEIGHT EMPTY: 20900# FULL: 27200#
2. PAINT: C. STL ONLY. SANDBLAST, APPLY (1) ONE COAT OF RED LEAD CROCODINATED RUBBER PAINT TO 1 MIL DRY FILM THICKNESS.
3. ALL BOLT HOLES: TO STRADDLE MAIN CENTER LINES.
4. EQUIP. NO. TO BE PAINTED ON WELD IN 2" HIGH LETTERS.
5. PLYWOOD COVERS ON ALL OPEN NOZZLES.

1		
2		
3		
4		
5		
6	3/10/96	CONVERT. E203-13R TO 6 PASS
7		
8		CONVERT E203-13R TO 4 PASS
NO.	DATE	REVISIONS

CUSTOMER: HERCULES INC.		
CUSTOMER PO NO. 336-026-19161-02-000-FCU		
ITEM NO. SEE NOTE	PROJECT NO. 	
PLANT: WILKINSON, N.C.		
TEMA SIZE AND TYPE 35-192 CENT. HORIZONTAL PREHEATER 3245 SIFT		
SOUTHERN HEAT EXCHANGER CORP.		
TUSCALOOSA, ALABAMA		
DATE 17 FEB 70	ORDER NO. 70-23A	DRAWING NO. SL 1364-0
DRAWN BY R. Delgado	70-23B	

#104504
#104506

B.P.F. NO.	41118	DATE	3/23/70
SHEET 1	APPARATUS NO.	E-203-13R (16)	
PROJECT & ACCOUNT	26019	2001 E-2203-13R	
ORDER NO.	336-026-19161		
PLANT	HANOY (R)		
APPROVED	E. M. Caswell 3/23/70		

NOTE: 2 REQ'D

70-23A ~ E 203-13R
70-23B ~ E 2203-13R

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