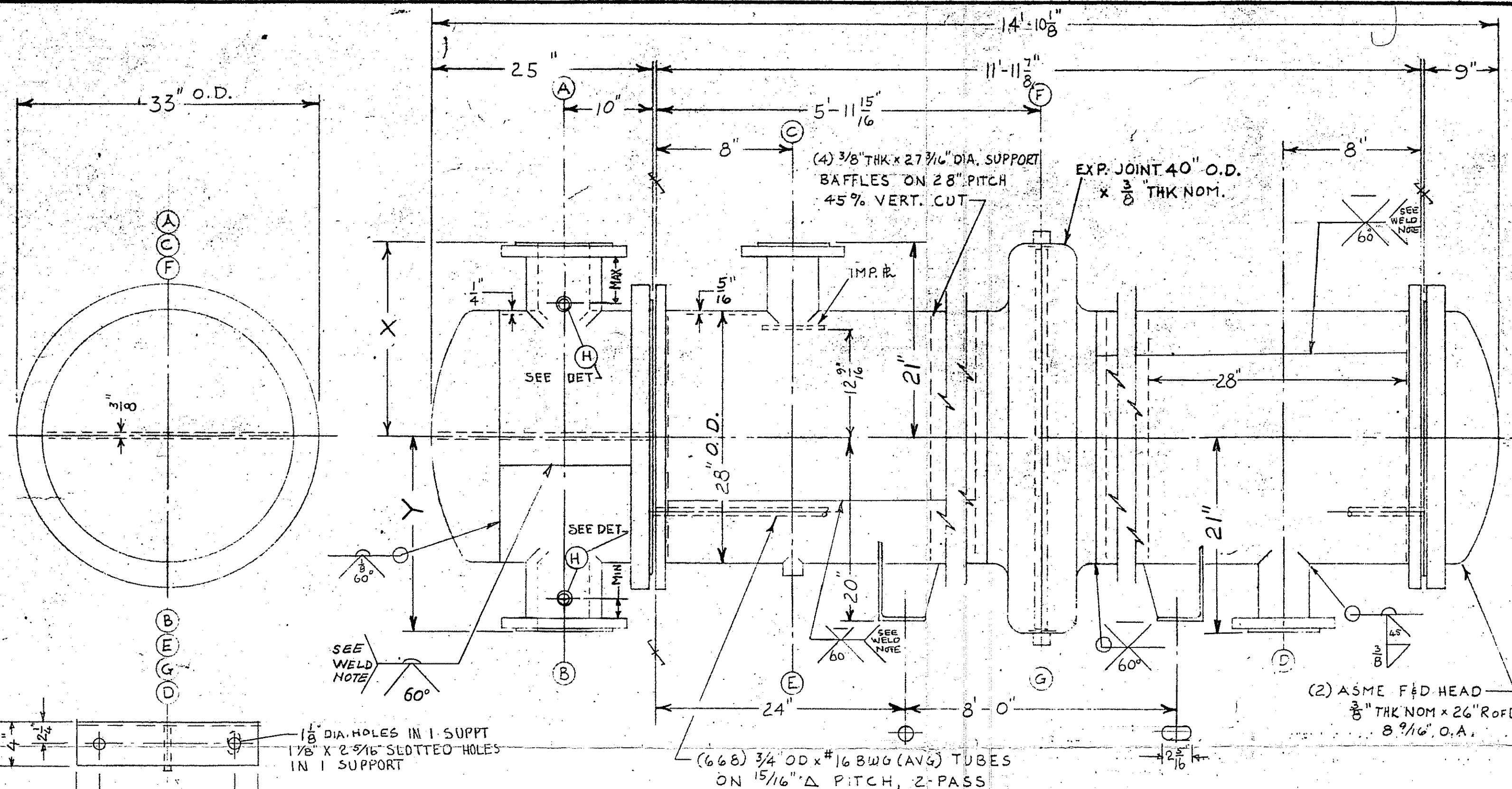




NOTES

- CONSTRUCTION TO COMPLY WITH ASME CODE SECTION VIII, 1965 ED., INCLUDING CERT. AND STAMP. ALSO TEMA "C" STD
- ASME MATERIAL SPECIFICATIONS: SEE DWG. SC-4480
- ASME CODE VIII, DIV. 1
- CONDITIONS:

	SHELL SIDE	TUBE SIDE
DESIGN PRESS.	150 PSIG	150 PSIG
* TEST PRESS.	225 PSIG	334 PSIG
DESIGN TEMP.	375 °F	375 °F
DESIGN FLUID	STEAM	DMT
CORROSION ALLOW.	1/16"	0
* A & B JCK @ 225 PSIG		
- WEIGHTS:

EMPTY	8300 LBS.
FULL OF WATER	12000 LBS.
- PAINT:

SUPPORTS ONLY	PER A-11138
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- FULL SCALE DRILLING TEMPLATE ET-9273-1
- SPARES: 4 SETS 65WTS. TAGGED WITH O.D., I.D., STYLE & NAME
- TUBE SHEET TO TUBE JOINT

MANUAL WELDING	SA-8571
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- USE TEFLON TAPE ON ALL SCRD CONN.
- PHONOGRAPHIC GASKET FACINGS ON TUBE SIDE NOZZLES - 1/64" DP X 1/32" PITCH
- SPOT X-RAY BONNET ONLY (ONE)
- PAINT EQUIPMENT IN ON OUTSIDE OF VESSEL WITH LETTERS AT LEAST 2" HIGH

REFERENCES:

CUSTOMER: HERCULES
 P.O. NO. 336-026-01092-11-000-FCO
 UNITS REQUIRED 4
 M&L JOB NO. 16371-10
 M&L SERIAL NO. }
 NATIONAL BOARD NO. } BELOW
 TAG EQUIP. NO. PAINT

EQUIP. NO.	SER. NO.	N.B. NO.
E-505-6A	4839	2565
E-505-6B	4840	2566
E-2505-6A	4841	2567
E-2505-6B	4842	2568

B.P.F. No. 37197 SHEET 1

REV.	DESCRIPTION	BY	DATE
5	ADDED AS BUILT NOZZ DIM.	A.G.	5-17-67
4	CHGD NOTE 6	DAR	3-31-67
3	REV. LOCATION OF CONN. H	G	2-13-67
2	ADDED SLOTTED HOLES	G	1-21-67
1	ADDED B.P.F. NO. & NOTES B & 13 - MINOR DIMENSIONAL CHGE	G	1-16-67

MANNING & LEWIS ENGINEERING CO.
 UNION, N. J.

#28-144 CRUDE MELTER HEATER

SCALE	MADE	CRD.	APPD.	DATE	DRAWING NO.
C	G			12/6/66	C-10074-5

AS BUILT DIMENSIONS		
EQUIP. NO.	X	Y
E-505-6A	20 5/8	20 5/8
E-505-6B	20 3/4	20 5/8
E-2505-6A	20 5/8	20 5/8
E-2505-6B	20 1/2	20 5/8

MARK	DESCRIPTION	REMARKS
H	3/4"-3000# H.C. (4) REQ'D	IN & OUT
G	3/4"-3000# H.C. (PLUG)	DRAIN
F	3/4"-	VENT
E	1"-	S.C.
5/80 D	1 1/2"-150# S.O. w/R.F.	OUTLET
5/40 C	3"-	INLET
SEE DET. B	6"x8" RED. 150# ASA	INLET
A	6"x8"	OUTLET

NOZZLE SCHEDULE

WELD NOTE: LONG SEAMS IN BON. & SHELL TO BE WITHIN 45° EITHER SIDE OF HOR. C