

15" x 18" ACCESS DOOR #3346.
LINED WITH 2" LITECAST
FRAME #3347. FILL OPENING
WITH J.M. 2600" INSUL. BRICK
APPROXIMATELY 24 REQ'D.-SHOP INSTALLATION

ALDORIZED BATH STEEL
BAFFLES-EACH SIDE

DRUM END COVERS
2-REQ'D. ON REAR

1"-B.O. CONNS. - REAR ONLY
BOTH DRUMS
8" C @ 11.5" (DRUM SUPPORT)

OPER. FLOOR LINE 7

HEATING SURFACE DOES NOT INCLUDE
OUTER COILS. SEE DRAWING OF
TANK FOR DETAILS.

NS COMPANY
S, CALIF

NG COMPANY
XAS

NO. REQD. TWO SECTIONS WIDE 14 x 70
OPER. PRESS. 420 PSIG FINAL STEAM TEMP. 650° °F
LBS. STEAM/HR. CONT. 82500 # MAX.
WATER CONTENT TO NORMAL WATER LINE 3660 GALS.
TUBES # 1 THRU #22 - 2" O.D. x .105 GA.

SUMMARY OF HEATING SURFACE

MAIN S. TUBES 6481(C) SQ. FT. ^{FLOOR} TUBES 181(A) SQ. FT.
SIDE W. TUBES 588(C) SQ. FT. BRIDGE W. TUBES SQ. FT.
DRUMS SQ. FT. REAR W. " 37 SQ. FT.
TOTAL HEATING SURFACE 7287 SQ. FT.
SUPER HEATING SURFACE 722 SQ. FT.
ECONOMIZER SURFACE SQ. FT.
AIR HEATER SURFACE SQ. FT.

DES. PRESS. 475 PSIG A.S.M.E. AND TEXAS CODES

UNION IRON WORKS
ERIE, PA.

HS	SIZE	TYPE
7287		MHT

FRONT ELEVATION

SCALE $\frac{3}{4}$ - FT.

AN, WINDOXX 4
R 10-30-61

REV. 1 CHANGED DIMENSION FROM 6" UPFRONT
DRUM TO TOP OF S.O. R 10-11-61

DRAWN	CHECKED	INDEX	REV.
R 1-29-61	CP 11-7-61	HTS-739	6
ORDER	5-00534		

PA 1110-600

FAN & TURBINE FOUNDATION ELEVATION

RALPH M. PARSONS COMPANY
LOS ANGELES, CALIFORNIA
FOR
SUNTIDE REFINING COMPANY
VIOLA, TEXAS

DRUM END COVERS
 2-REQ'D. ON REAR

3" x 3" x 3" ANGLES
 ALL FOUR CORNERS

2" REIN EDGE TILE
 5" BLOCK INSULATION
 #10 GA. STEEL CASING

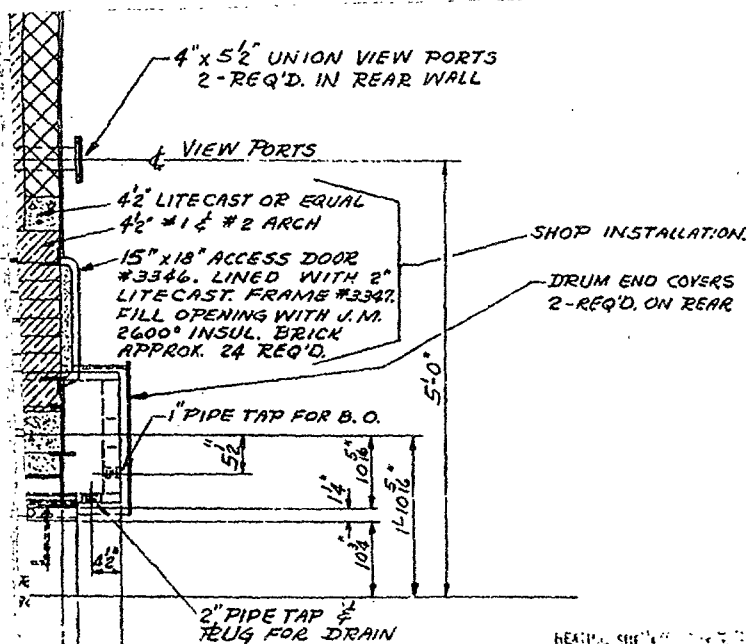
HEATING SURFACE DOES NOT INCLUDE
 OTHER LINES OR CONNECTIONS OF
 TANGENT CONNECTIONS

NO. REQD.	TWO	SECTIONS WIDE	14.195
OPER. PRESS.	120 PS	FINAL STEAM TEMP.	650° F
LB. STEAM/HR. CONT.	92500 #	MAX.	
WATER CONTENT TO NORMAL WATER LINE 3660 GALS.			
TUBES # 1 THRU # 22 - 2" O.D. - 105' L.			
SUMMARY OF HEATING SURFACE			
MAIN B. TUBES	64916	SQ. FT.	FLOOR TUBES 1811' SQ. FT.
SIDE W. TUBES	5580	SQ. FT.	BRIDGE W. TUBES SQ. FT.
DRUMS		SQ. FT.	REAR W. " 37' SQ. FT.
TOTAL HEATING SURFACE	7287	SQ. FT.	
SUPER HEATING SURFACE	722	SQ. FT.	
ECONOMIZER SURFACE		SQ. FT.	
AIR HEATER SURFACE		SQ. FT.	
DES. PRESS.	475 PS	A. S. M. E. AND	CODES
UNION IRON WORKS ERIE, PA.			
HS	SIZE	TYPE	
7287		NH-T	
PLAN VIEWS			
DRAWN	R	5-29-61	INDEX
CHECKED	R	11-7-61	REV.
ORDER	5-90534	HTS-741	2

SCALE 3/4" = 1' FT.

OK, CONSOLE, 10-31-61
 REV. 1
 REVISED SUPERHEATER: R 10-20-61

PR 5125-540



HEATING SURFACE OF DRUM
COVERED BY INSULATION OF
ADJACENT CONCRETE WALL

NO. REQD.	TWO		
SECTIONS WIDE	18 x 70		
OPER. PRESS.	420 PSIG	FINAL STEAM TEMP.	650° F
LBS. STEAM/HR. CONT.	82500	MAX.	
WATER CONTENT TO NORMAL WATER LINE	3660 GALS.		
TUBES #	1 THRU #22 - 2" O.D. - 105 GA.		
SUMMARY OF HEATING SURFACE			
MAIN B. TUBES	6481 (6)	SQ. FT. FLGOR	181 (P) SQ. FT.
SIDE W. TUBES	588 (P)	SQ. FT. BRIDGE W. TUBES	
DRUMS		SQ. FT. REAR W. "	37 (N) SQ. FT.
TOTAL HEATING SURFACE	7257	SQ. FT.	
SUPER HEATING SURFACE	722	SQ. FT.	
ECONOMIZER SURFACE		SQ. FT.	
AIR HEATER SURFACE		SQ. FT.	
DES. PRESS.	475 PSIG	A. S. M. E. AND	TEXAS CODES
UNION IRON WORKS			
ERIE, PA.			
HS	SIZE	TYPE	
7287		MHT	
SIDE ELEVATION			
DRAWN	R 3-28-61	INDEX	REV.
CHECKED	EL 11-7-61	HTS-740	6
ORDER	5-90534		

SCALE 3/4" = 1 FT.

REV. CHANGED FIG. 600 ON DRUM SHELL
TO WELD NECKS & CHG. DIM. FROM 5
1 UP TO DRUM TO TOP OF S.O. R-10-11 W

PA 5310-4-60