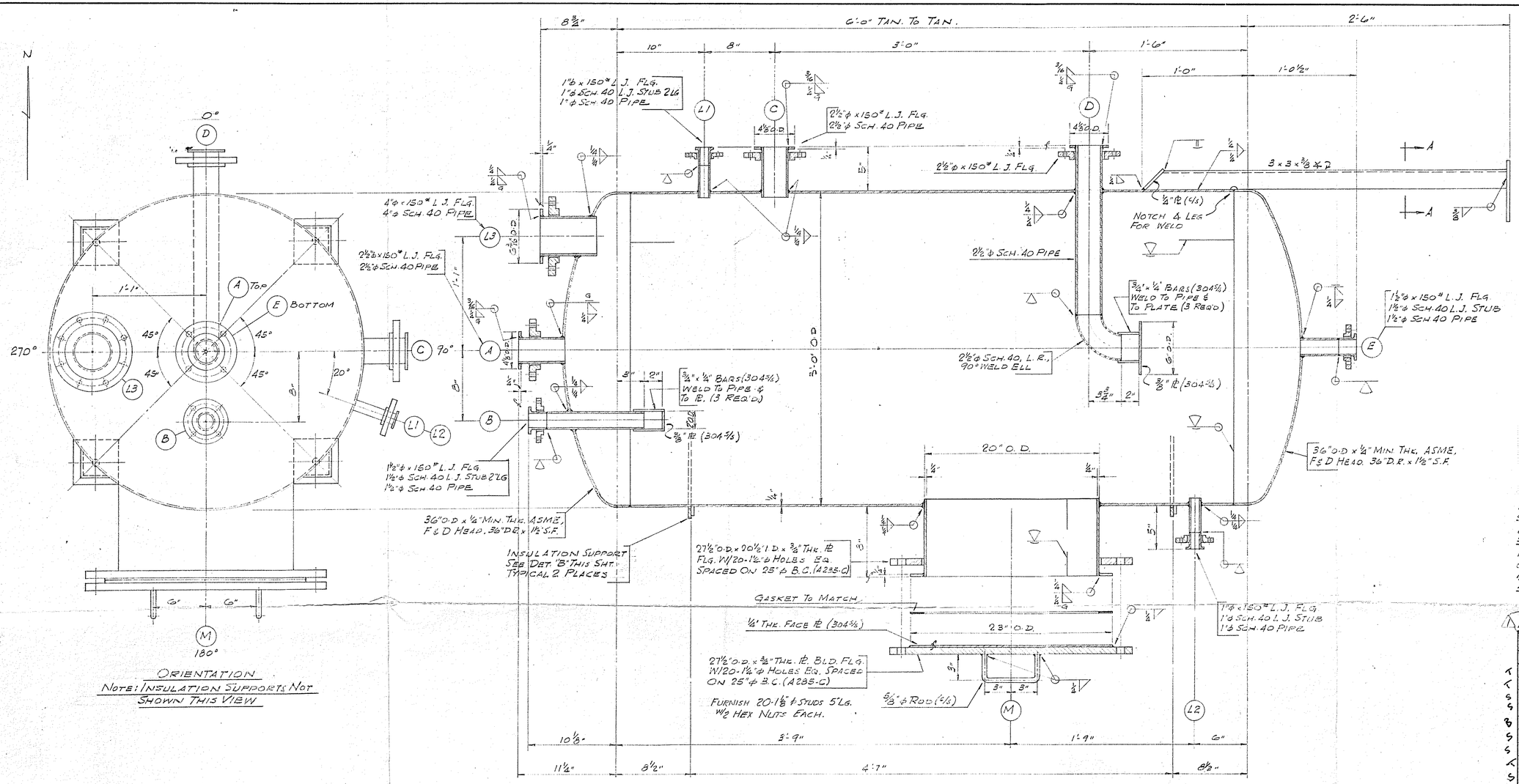
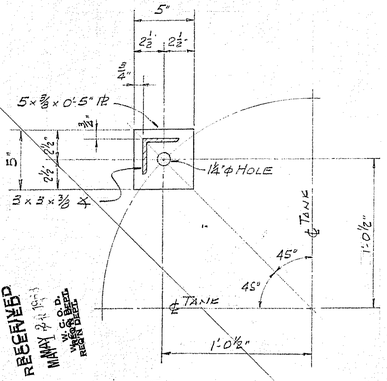


ORIENTATION

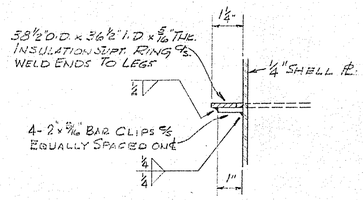
NOTE: INSULATION SUPPORTS NOT SHOWN THIS VIEW

ONE TANK REQ'D

ITEM NO. V-102



SECTION A-A



INSULATION SUPPORT DETAIL "B"

NOTE: CUT SUPPORT RING TO CLEAR NOZZLES & LEGS.

GENERAL NOTES.

1. IN WELDING CARBON STEEL TO STAINLESS STEEL USE 25-20 WELDING ELECTRODES.
2. PAINT AS PER ORDER.
3. ITEM NUMBER, 0° - 180° CENTER LINE, SHIPPING WEIGHT, & NORTH ARROW TO BE PAINTED ON VESSEL.
4. PROTECT ALL FLANGES FOR SHIPMENT.
5. ALL MATERIAL 304 S.S. UNLESS NOTED.

REF. DWG. WILPUTTE 2A-52387

NOZZLE SCHEDULE

	MK	SIZE	RATING	SERVICE
R	A	2 1/2"	300#	VENT
R	B	1 1/2"	150#	LIQUID OUTLET
S	C	2 1/2"	300#	LIQUID OUTLET
S	D	2 1/2"	"	LIQUID INLET
B	E	1 1/2"	150#	LIQUID OUTLET
S	L1	1"	"	GAGE GLASS
S	L2	1"	"	GAGE GLASS
R	L3	4"	"	LEVEL CONTROL CONN.
S	M	20"	"	MANHOLE

GENERAL SPECIFICATIONS

DESIGN, CONSTRUCT, & TEST IN ACCORDANCE WITH THE 1962 EDITION OF THE ASME CODE S.H. 70%

INSPECTION: YES STAMP: YES X-RAY: SPOT S.R.: NO J.E.: HD. 100%

INTERNAL DESIGN PRESS: 30 & FULL VAC. P.S.I. @ 450° F

OPERATING PRESS. 30 P.S.I. @ 140° F

DESIGN DATA	SHELL	HEADS
DESIGN THICKNESS	.19	.19
CORROSION ALLOW.		
TOTAL THICK.	USE 1/4"	USE 1/4" MIN.

MAWP 30 LIMITED BY

HAMMER TEST PRESSURE P.S.I. HYDROSTATIC

FINAL TEST PRESSURE 45 P.S.I. HYDROSTATIC

MATERIAL SPECIFICATIONS:

HEADS TYPE 304 SS

SHELL TYPE 304 SS

SUPPORTS A7

FLANGES A181, GR. 1 & A285, GR. C

PIPE TYPE 304 SS SMLS.

COUPLINGS

BOLTS A193-B7 STUDS THREADED FULL LENGTH

NUTS A194-2H HEAVY HEX NUTS

GASKETS 1/16" THK. GARLOCK 7021

PAINT AS PER ORDER SHIPPING WGT. 1950#

ONE REQUIRED AS SHOWN TAG ITEM V-102

CONTINENTAL

BOILER & SHEET IRON WORKS

5601 WEST PARK AV. ST. LOUIS, MO.

CUMENE RECOVERY DECANTER PHENOL PLANT (ITEM V-102)

FOR WILPUTTE COKE OVEN. DIV., ALLIED CHEMICAL CORP.

LOCATION NEW YORK, N.Y.

DR. C.P.	APPD.	SCALE VARIES	CUSTOMERS NO. 37-555
CH. K.C.	PAINT AS PER ORDER	DATE 5-3-63	

ORDER NO.	SHEET NO.	TOTAL	DRAWING NO.
Q-8467	1	1	2174-L

NO.	DR.	CH.	DATE	DESCRIPTION	DEM No.
1	C.L.		5/16/64	ADD REF. DWG., REV X-REF ADD	

REVISIONS

FILE ENGINEERING DEPT.
PHC 36
RECEIVED MAY 7 1964 CHEM. ENG. DEPT. WILPUTTE COKE OVEN DIV. ROSEN BLEES
110366