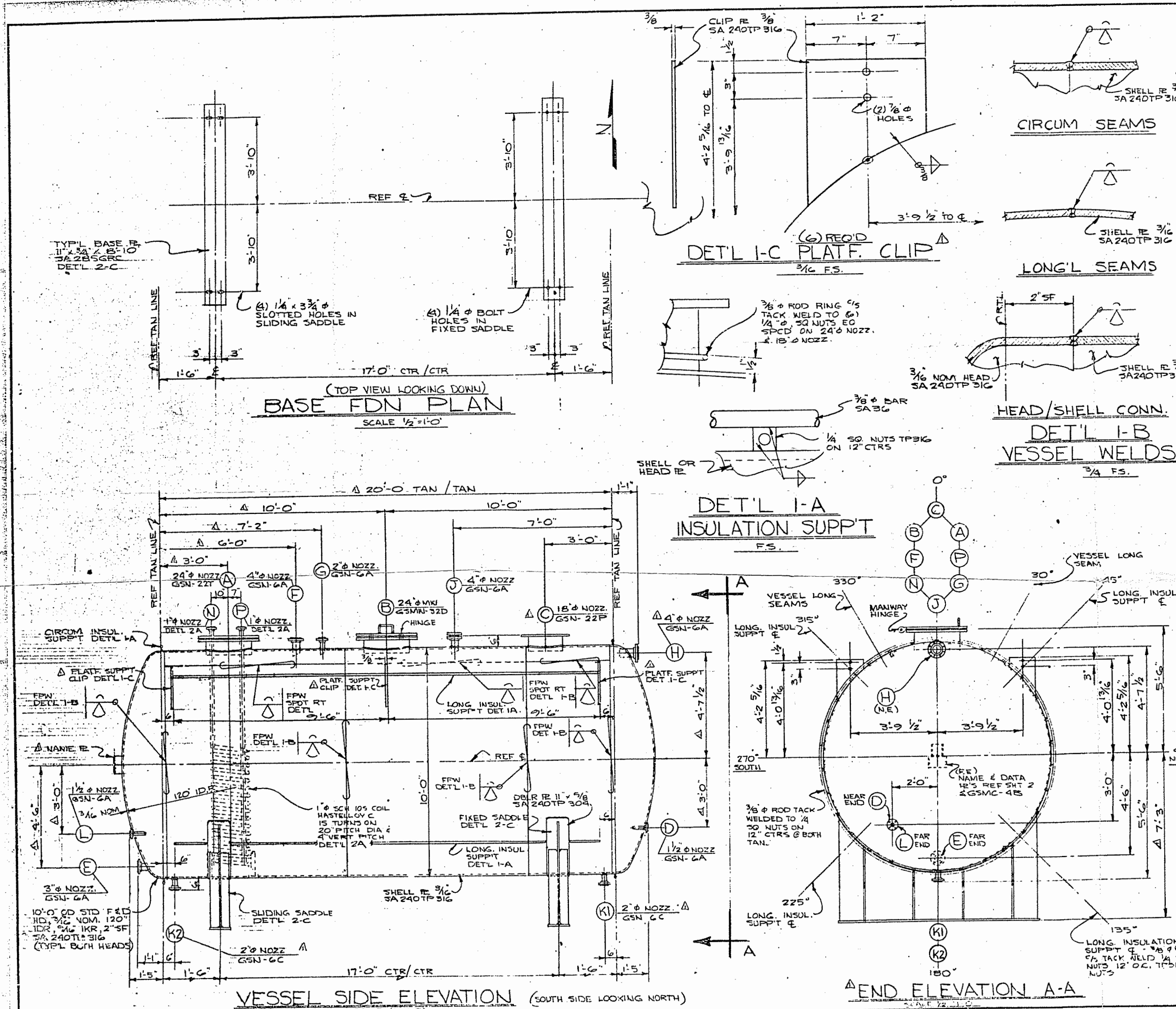




MARK	NOZZLE	FLANGE	COUP	SERVICE	QUAN	C/L PCH	R/L ELEV	O-ORBIT
A	24	1/4	FF	COIL NOZZ.	1	5'-6"	0°	
B	24	1/4	FF	MANWAY W/ HINGE	1	5'-6"	0°	
C	1/2	1/4	FF	PUMP	1	5'-6"	0°	
D	1/2	1/4	FF	TEMP	1	HD	ELEV	
E	3	1/4	FF	LEVEL	1	HD	180°	
F	2	1/4	FF	INLET	1	5'-6"	0°	
G	2	1/4	FF	RECYCLE	1	5'-6"	0°	
H	4	1/4	FF	OVERFLOW	1	HD	0°	
J	4	1/4	FF	SPARE W/ BLIND	1	5'-6"	0°	
K1	2	1/4	FF	DRAIN	1	5'-6"	180°	
L	1/2	1/4	FF	TEMP	1	HD	ELEV	
K2	2	1/4	FF	DRAIN	1	5'-6"	180°	
N	1	1/2	FF	COIL	1	5'-6"	0°	
P	1	1/2	FF	COIL	1	5'-6"	0°	

GENERAL NOTES

- ALL FLANGE BOLT HOLES SHALL STRADDLE VESSEL NATURAL CENTERLINES.
- ALL WELDS SHALL BE HEAT IN APPEARANCE AND FREE OF ALL SLAG, DILLS, UNDERCUTS, DEFECTS AND OTHER UNSIGHTLY AREAS.
- VESSEL SHALL BE LEFT CLEAN AND DRY INSIDE AND FREE OF ALL FABRICATION DEBRIS.
- ALL NOZZLE BLANKING FACES SHALL BE GIVEN A PROTECTIVE GREASE COATING BEFORE BLANKING.
- ALL NOZZLES SHALL BE BLANKED WITH PLYWOOD COVERS CLAMPED IN PLACE AND SEALED WITH TAPE FOR SHIPMENT.

Reviewed by: *[Signature]* Date: 4/14/75
 Make Corrections noted: ☐ Leave as Shown: ☒

MONSANTO COMPANY
 CORPORATE ENGR. DEPT.
 Project (C&M) No. 2852
 Location: E. ST. LOUIS, ILLINOIS
 Drawing No. 114-000
 Description: 85% H₂PO₄ STORAGE TANK

DESCRIPTION	SHELL	HEADS	JACKET	CHIL
DESIGN PRESSURE:	INTERNAL - PSIG	ATM	ATM	50
DESIGN TEMPERATURE:	INTERNAL - °F	300	300	300
MAX ALLOWABLE WORKING PRESS @	NOZZLES	0	0	0
CORROSION ALLOWANCE:	NOZZLES	0	0	0
TEST PRESSURE - HYDROSTATIC (AMBIENT) PSIG:	NEW & COOL	H ₂ O FILL	H ₂ O FILL	75
WELD PROCEDURES - CODE:	ASME SEC. IX 1974	EDMW:	STD	STD
RADIOGRAPHING:	CODE: ASME	REQD: YES	REF	REF
HEAT TREATMENT:	DESIGN JOINT EFFICIENCY	NOTE	NOTE	NOTE

COMPONENT	MATERIAL	REMARKS
SHELL	SA 240TP 316	
HEADS	SA 240TP 316	
SUPPORTS	SA 285GRC	
CLIPS & LUGS	SA 36	
FLANGES	SA 181GR1	
PIPE	SA 312 240 TP 316	(COIL) HASTELLOY C
BOLTS/NUTS	SA 193B7/SA194 2H	(INSUL. NUTS ARE TP 316)
GASKETS	1/8 COMP ASBESTOS	
CLADDING/LINING		
DISLR	SA 240TP 304 (SADDLE)	

GENERAL DATA

VESSEL CONSTRUCTION: ALL WELDED IN ACCORDANCE WITH - 1974 ED SEC VIII DIV 1 ASME CODE
 STAMP & REGISTRATION: NOT REQ'D INSPECTION BY: MONSANTO
 REFERENCE DATA: MONSANTO PO & DATA DWG. DATA SKETCH IAC: MONSANTO'S
 VESSEL DESIGNATED FOR: MONSANTO CO. E. ST. LOUIS, ILLINOIS
 VESSEL WEIGHTS: EMPTY - 8,142 # OPERATING - 113,416 #
 PAINTING REQUIREMENTS: VESSEL: E. ONLY: COMMERCIAL GRADE BLAST & APPLY 1 COAT CARBO-ZINC #11 GREEN TO DPT OF 2.5 TO 3.5 MILS
 TAG ITEM NO: 01-114-000 NO. UNITS REQD AS SHOWN: 01 ONE

REVISIONS

1	REV INU PRT RECT 3-21-75 GHR 3-24-75
2	
3	
4	221-714

MITTERRIGHT BOILER AND MACHINE WORKS
 MOBILE, ALABAMA

85% H₂PO₄ STORAGE TANK 0114-000
VESSEL ARRG'T & DATA
 MONSANTO CO. E. ST. LOUIS, ILL.

CUSTOMER ORDER NO. 2852-9-0015 JOB NO. 2144
 DRAWN BY: GHR DATE: 2-20-75
 CHECKED BY: J.M.H. DATE: 2-20-75

ISSUED TO SHOP BY: *[Signature]* DATE: 3-23-75 ALT. A

THIS IS A REDUCED SIZE PRINT

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 86228