

PROCESS DESIGN SECTION
CORPORATE ENGINEERING
VESSEL SPECIFICATION SHEET

JOB NO. WD# 721945
PROJECT NO. PANNEVIS SEAL TANK
PLANT LOCATION BELVIDERE, N. J.
POSITION NO. T-514 SERIES _____
REFERENCE DWG. NO. _____

DESIGN	INFORMATION		VESSEL		JACKET		COIL	
	CODE STAMP REQUIRED	OPERATING PRESS. P.S.I.G.	YES	NO	YES	NO	YES	NO
			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	DESIGN PRESS. P.S.I.G.	14.5 F.V.						
	OPERATING TEMP. ° F							
	DESIGN TEMP. ° F	250						
	CORROSION ALLOWANCE HD.	NONE						
	CORROSION ALLOWANCE SHELL	NONE						
	TEST PRESS. P.S.I.G.	25						
	CAPACITY FULL GALS.							
	CAPACITY OPERATING GALS.							
	RADIOGRAPH FULL, SPOT, NONE							
	HEAT TREATMENT		YES	NO	YES	NO	YES	NO
	DYE CHECK WELDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

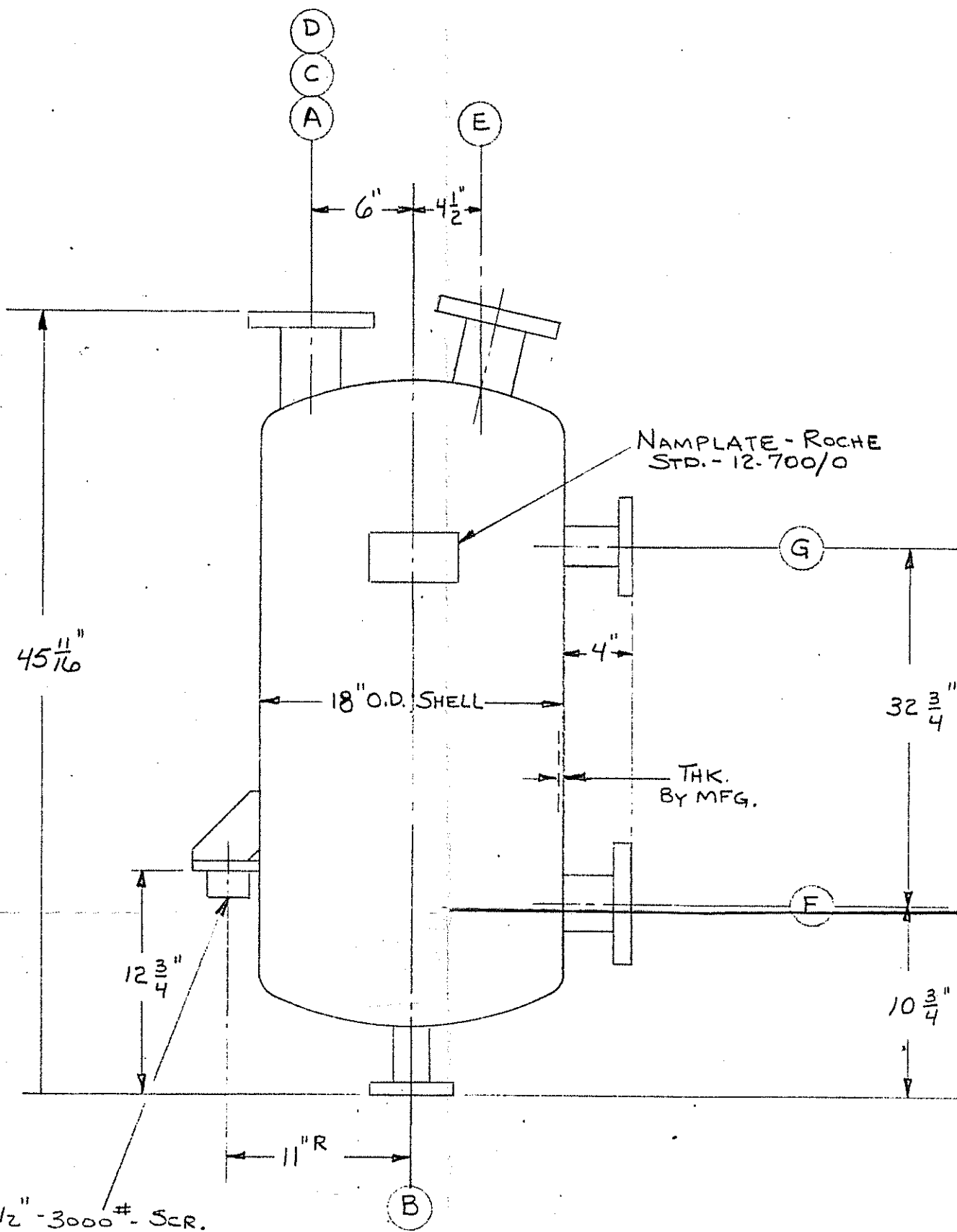
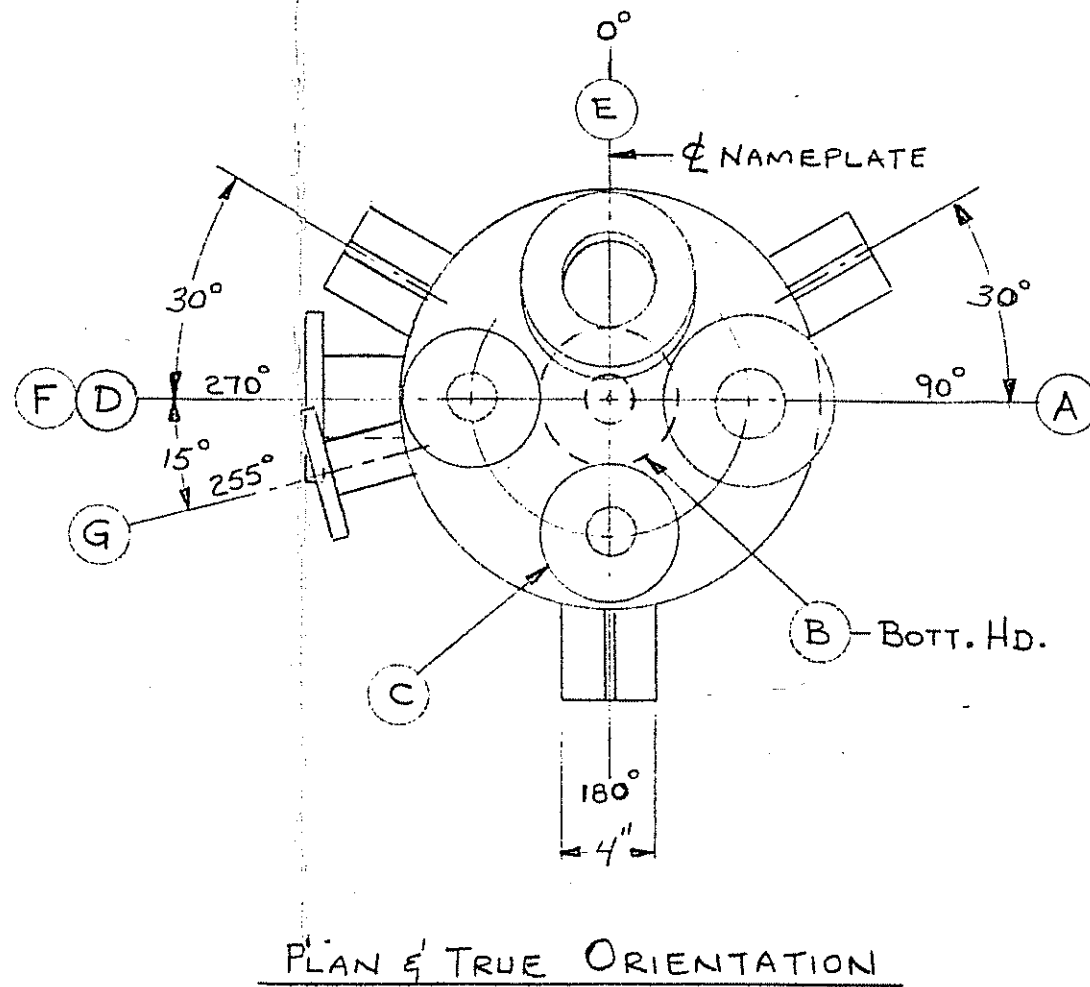
MATERIAL	SHELL PLATE		HEAD PLATES		PIPE		FLANGES		COUPLINGS		INTERNALS		LINING		REINFORCING PADS		SUPPORTS	
	GR.	ALLOYED	GR.	ALLOYED	WELDED	SEAMLESS	NOTE #6											
	GR. 2	UNALLOYED	GR. 2	UNALLOYED	<input type="checkbox"/>	<input checked="" type="checkbox"/>												
		TITANIUM		TITANIUM														
	PIPE		FLANGES		COUPLINGS		INTERNALS		LINING		REINFORCING PADS		SUPPORTS		GASKETS		BOLTING	
			- NOTE #6															
	NUTS		EXTERNAL		INTERNAL		EXTERNAL		INTERNAL		EXTERNAL		INTERNAL		EXTERNAL		INTERNAL	

CONSTRUCTION	FABRICATION TO BE IN ACCORDANCE WITH:	
	<input checked="" type="checkbox"/>	19 ASME CODE SECTION VIII. (LATEST)
<input type="checkbox"/>	H.L.R. C-601 UNFIRED PRESSURE VESSELS.	
<input type="checkbox"/>	H.L.R. D-501 STEEL STORAGE TANKS.	
<input type="checkbox"/>	H.L.R. D-602 TANKS, BINS, HOPPERS.	
<input type="checkbox"/>	U.L. 142 19 STEEL ABOVEGROUND TANKS.	
<input type="checkbox"/>	U.L. 58 19 STEEL UNDERGROUND TANKS.	

FINISHING	EXTERIOR		INTERIOR	
	<input type="checkbox"/>	ELECTRO-POLISH	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	GRIND WELDS (SMOOTH) AND (FLUSH)	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	AS FABRICATED	<input type="checkbox"/>		
<input type="checkbox"/>	POLISH TO # FINISH	<input type="checkbox"/>		
<input type="checkbox"/>	PICKLE	<input type="checkbox"/>		

ALL C/S EXTERIOR SURFACES TO BE SANDBLASTED (COMMERCIAL) AND FINISHED WITH ONE (1) COAT OF PRUF-COAT P-50 PRIMER OR EQUAL. NO PAINT TO BE APPLIED TO ALUMINUM OR STAINLESS STEEL SURFACES.

INSPECTION AND SHIPMENT TO BE IN ACCORDANCE WITH STANDARD SPECIFICATION H.L.R. A-501
ETA-23007 108481



INSULATION: THICKNESS: 1 1/2

REV	BY	CHKD	DATE	PROJ. ENG.	REMARKS
1					

STARTING DATE	INITIATOR	DRAWN BY	CHECKED BY	DESIGN SUPERVISOR	PROJECT ENG.	DATE
	A	P.S.	A.P.S.	P.S.	P.H.	7/30/87

NOZ.	SIZE	NO. REQ'D.	TYPE	SERVICE	REMARKS	DRAWING NO.	TITLE
G	2"	1	150#	PRESS. GAGE			
F	3"	1	150#	LEVEL TRANSMITTER			
E	4"	1	150#	SPARE			
D	2"	1	150#	PRESSURE RELIEF			
C	2"	1	150#	VENT			
B	2"	1	150#	DRAIN			
A	3"	1	150#	INLET			

GENERAL NOTES:
1- VENDOR TO SUPPLY ALL ACCESSORIES SHOWN UNLESS OTHERWISE NOTED.
2- ALL BOLT HOLES TO STRADDLE MAJOR VESSEL CENTERLINES.
3- WEIGHT OF VESSEL EMPTY & FULL OF LIQUID (SP.GR.) TO BE SUPPLIED BY VENDOR ON APPROVAL DWG.
4- NOZZLE PROJECTION TO BE 4" PLUS INSULATION THICKNESS UNLESS OTHERWISE NOTED.
5 ALL CONNECTIONS ON S/S VESSELS TO BE FLANGED.
6 NOZZLES 2" AND LARGER TO BE VAN STONE CONSTRUCTION USING S/S STUB END (FLOWLINE TYPE "B" OR EQUAL) AND RAISED FACE C/S BACK UP FLANGE (LOOSE).

DRAWING TITLE:

SURGE TANK-30 GAL.-TITANIUM

A
ISSUE
DATE
7-31-87

ROCHE **HOFFMANN-LA ROCHE INC.**
BELVIDERE, NEW JERSEY

PROJECT TITLE:

T-514

SCALE
NONE
BLDG. NO.
214

BCW-214-1899-V101