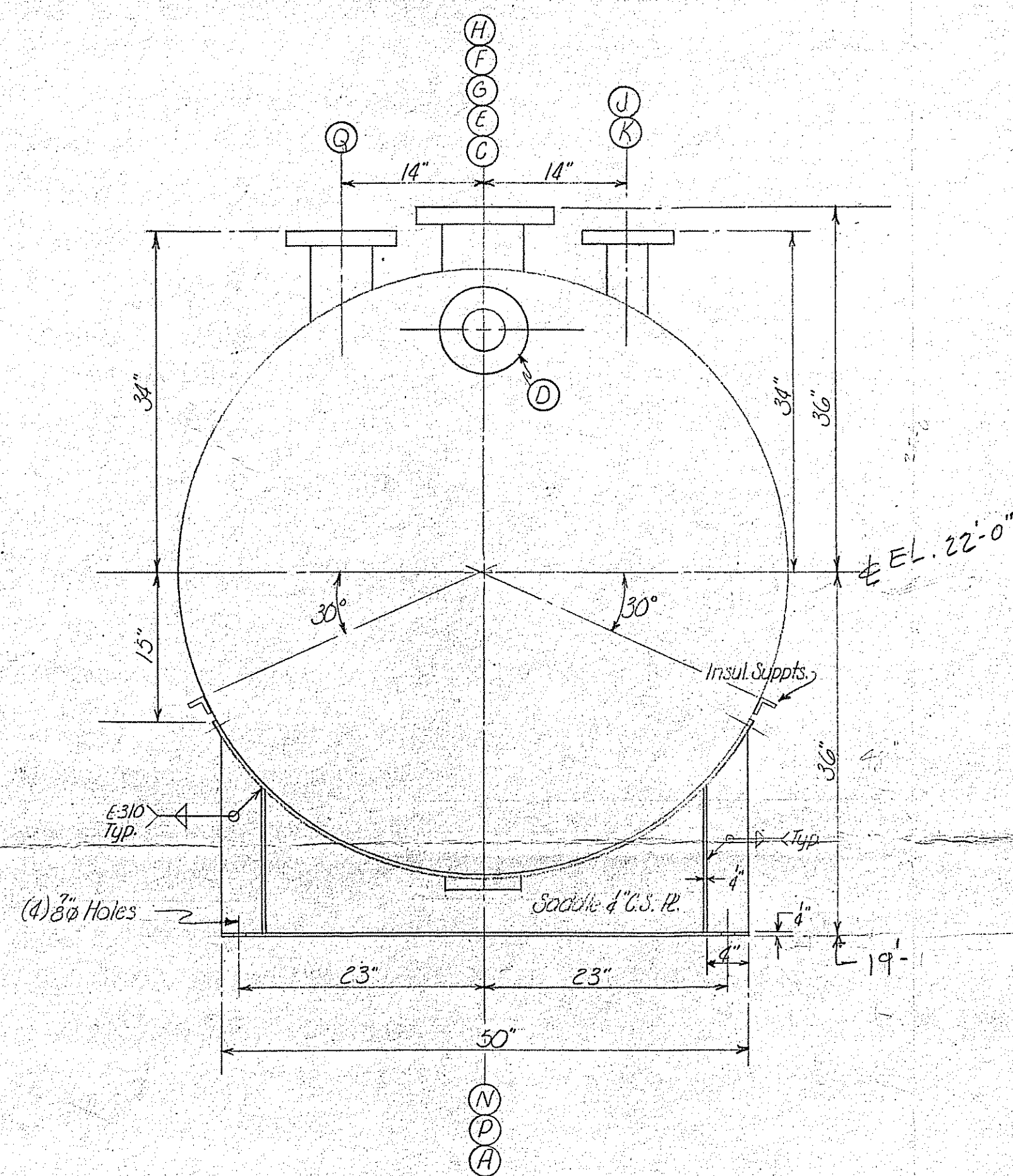
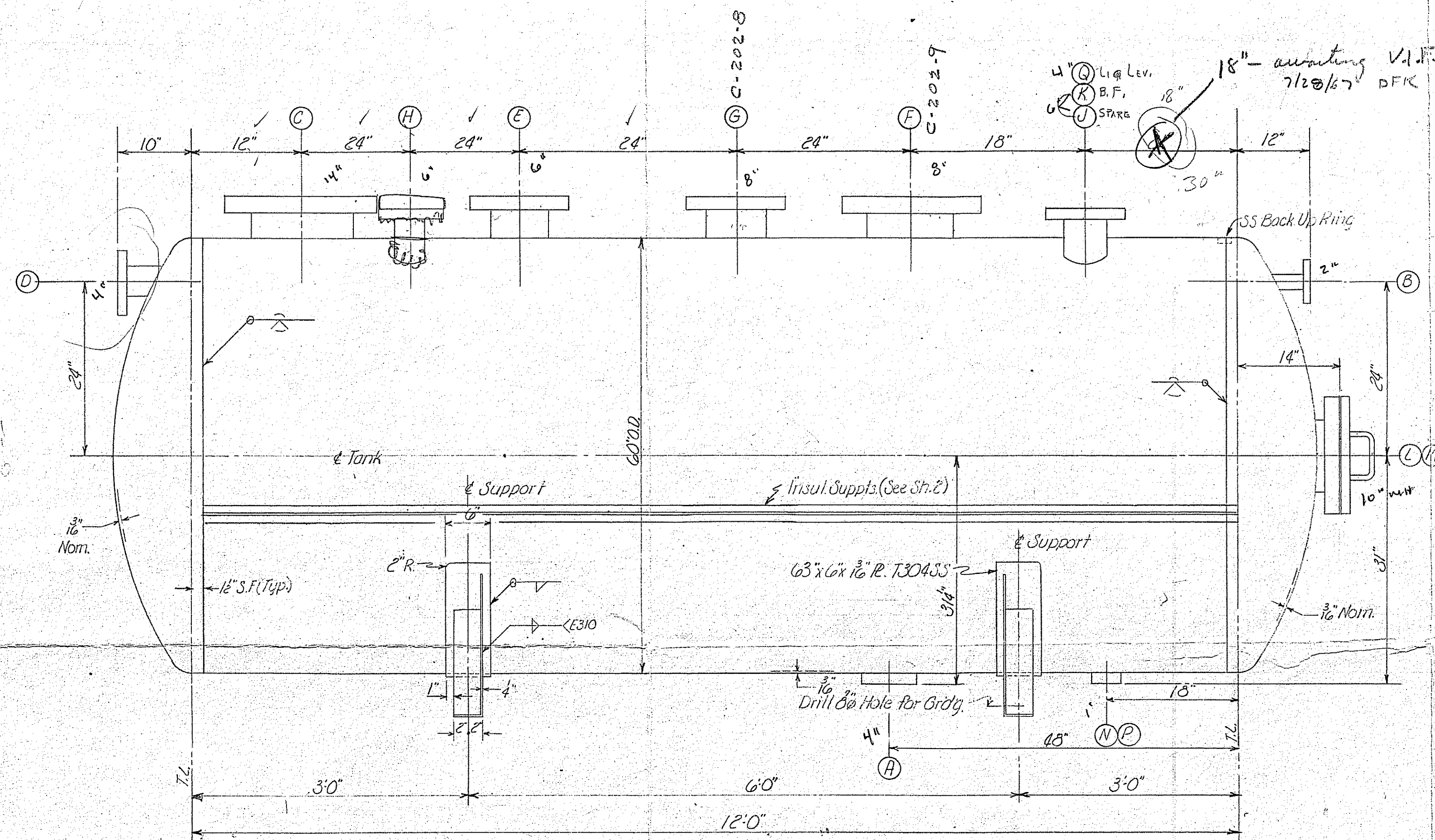
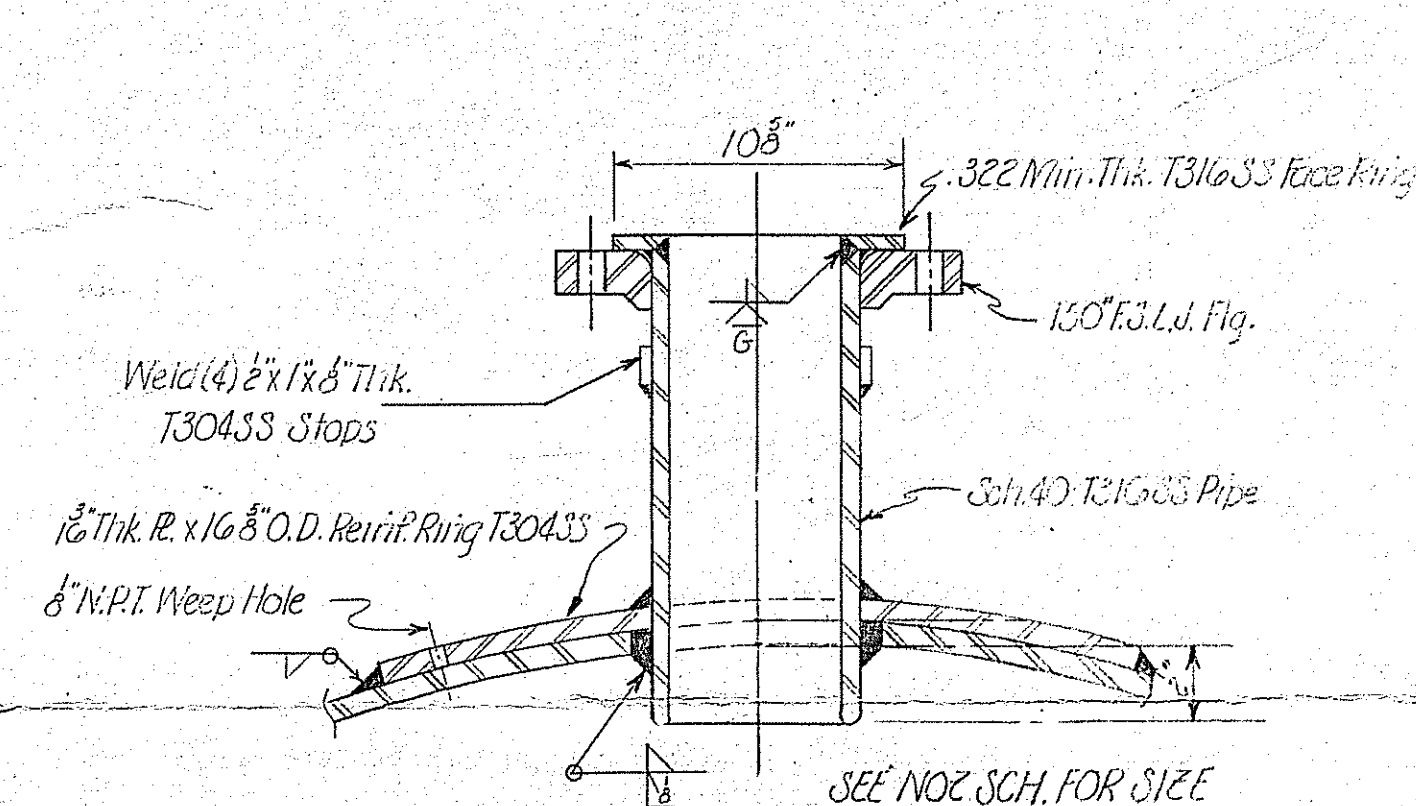




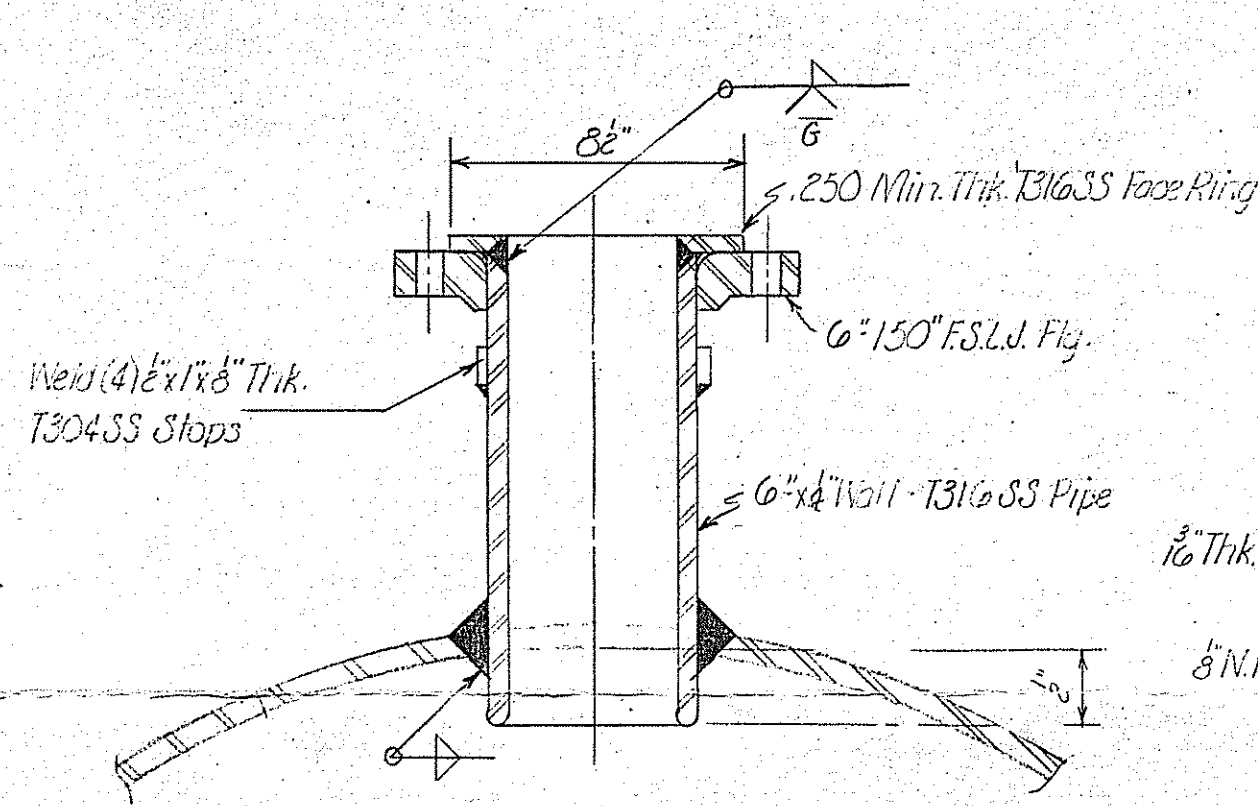
END VIEW
Scale: 1"=1'-0"



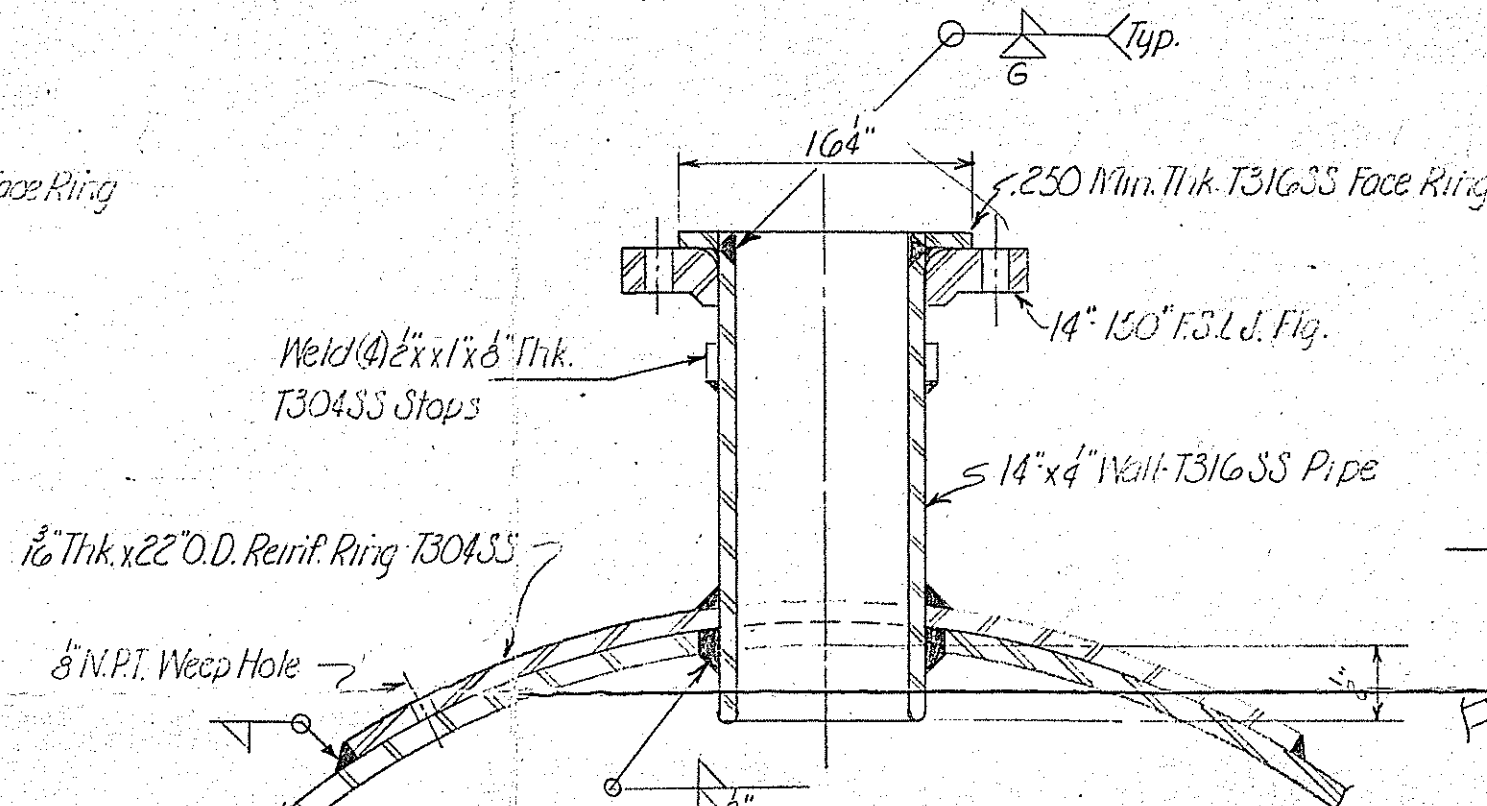
LONGITUDINAL WELD SEAM
Inside of Vessel



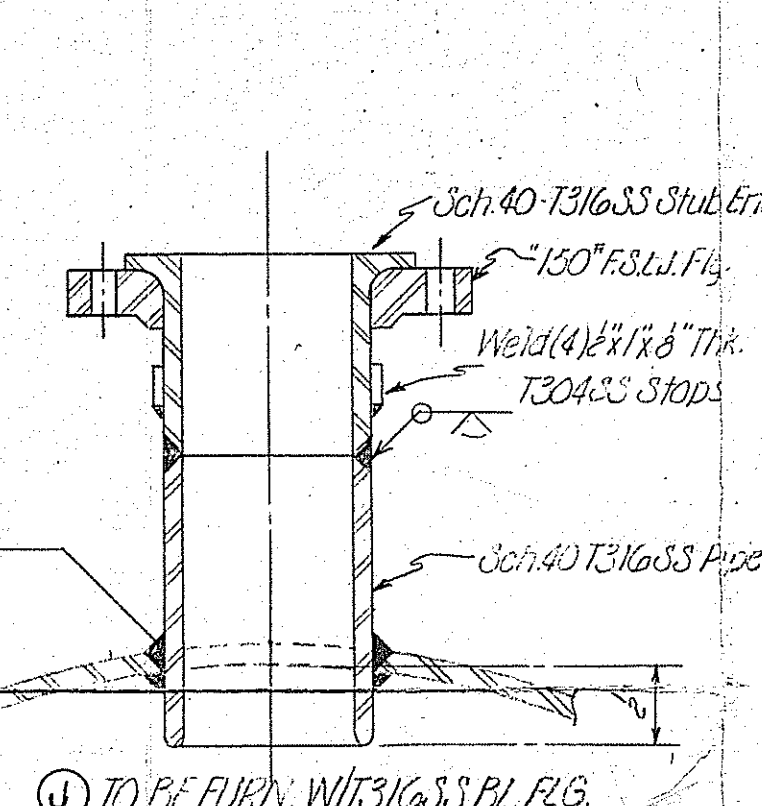
DETAIL NIK G & F
No Scale



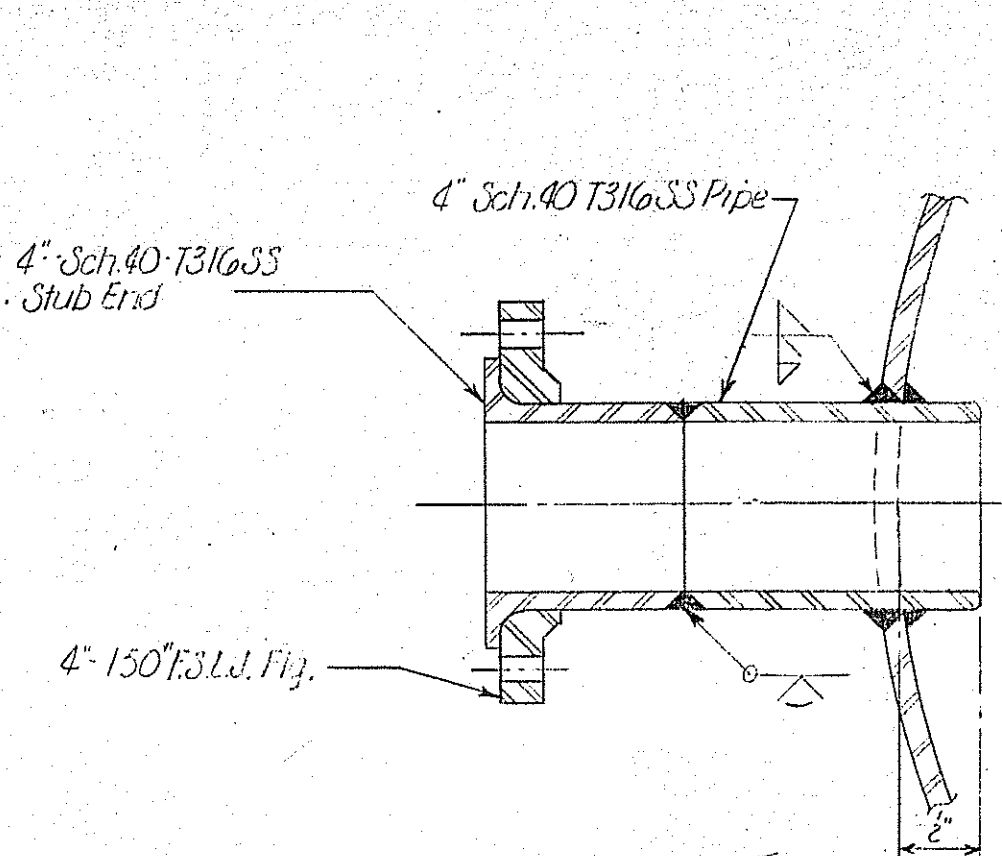
DETAIL NIK E & H
No Scale



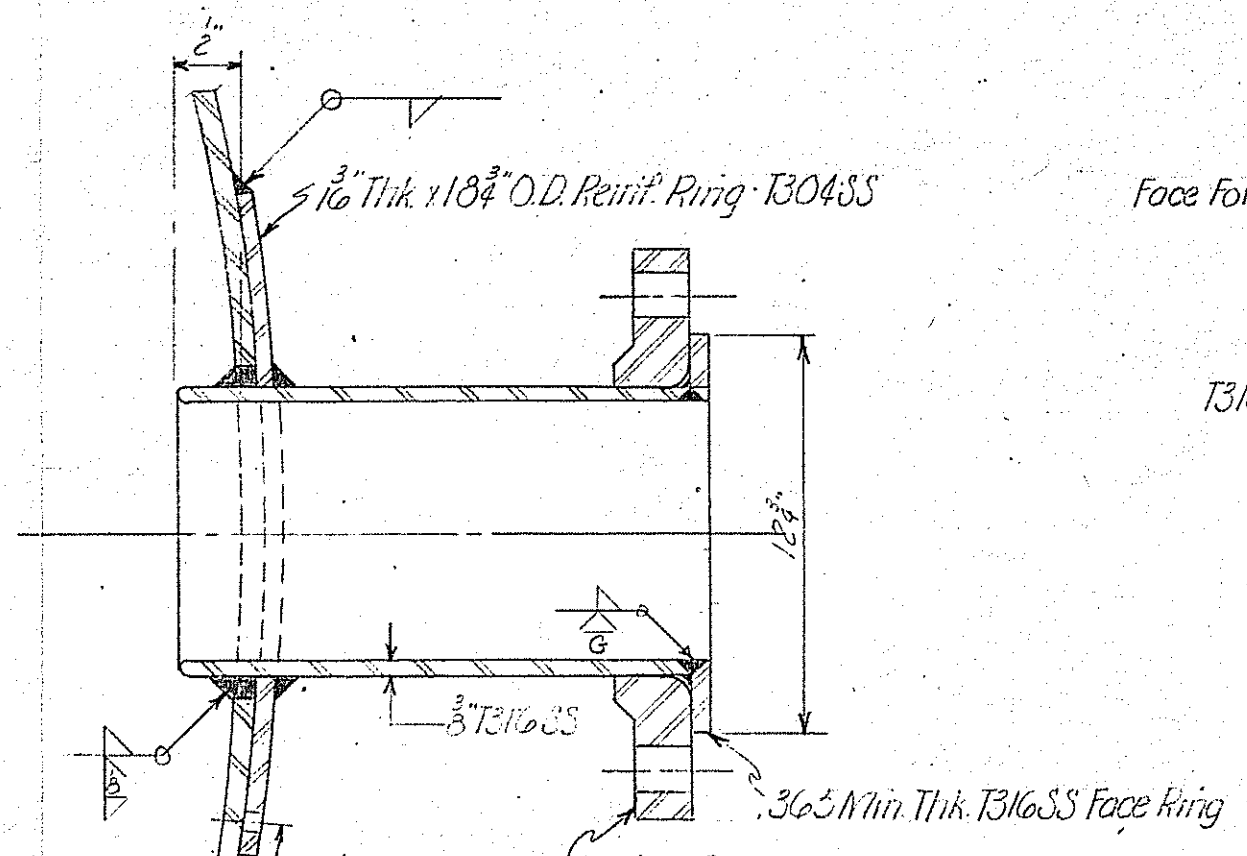
DETAIL NIK C
No Scale



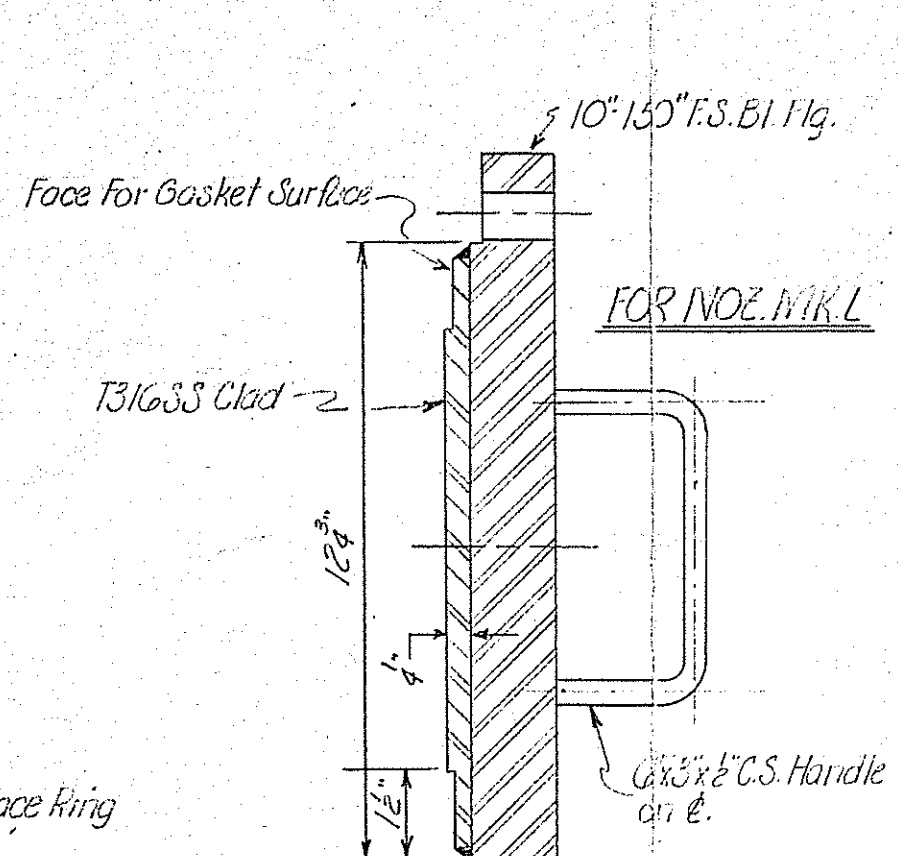
DETAIL NIK J & Q
No Scale



DETAIL NIK D
No Scale



DETAIL NIK L
No Scale



DETAIL NIK N
No Scale

NOZZLE SCHEDULE									
NIK	SIZE	QUAN	NOZZLE FLG	NECK	PROJ	ORIENT	SERVICE		
A	4"	1	150" F.S.	40	T316	SEE DETAIL	LIG. OUTLET		
B	2"	1	SEE DETAIL				LIG. INLET		
C	14"	1	L.J. 150" F.S.	40	T316		VAPOR OUTLET		
D	4"	1	L.J. 150" F.S.	40	T316		COND. INLET		
E	6"	1	L.J. 150" F.S.	40	T316		INLET (C-202-10)		
F	8"	1	L.J. 150" F.S.	40	T316		INLET (C-202-9)		
G	8"	1	L.J. 150" F.S.	40	T316		INLET (C-202-8)		
H	6"	1	L.J. 150" F.S.	40	T316		INLET (C-202-7)		
J	6"	1	L.J. 150" F.S.	40	T316		SPARE		
K	6"	1	150" T316 SS BL FLG				FOR NOZ J		
L	10"	1	L.J. 150" F.S.				HANDHOLE		
M	10"	1	150" F.S. BL FLG				FOR NOZ L		
N	1"	1	150" T316 SS BL FLG				THERMOWELL		
P	1"	1	150" T316 SS BL FLG				FOR NIK N		
Q	4"	1	L.J. 150" F.S.	40	T316		LIG. LEVEL		

DESIGN DATA
 DESIGN PRESS. & TEMP. 1 PSIG/200°F
 OPERATING PRESS. & TEMP. 1 PSIG/150°F
 SPECIFIED CORROSION ALLOWANCE: NONE
 CODE: NO STAMP: NO
 STRESS RELIEF: NO RADIOGRAPH: NO
 MAWP: ~ BY: ~
 TYPE HEADS: STD. FED
 TYPE SUPPORT: SADDLES (2 REQ'D)
 JOINT EFF. HEADS: 100% SHELL: 70%
 CLADDING OR LINING SPEC: ~
 SHIPPING WT: 3000# OPERATING WT: ~ TEST WT: 13,400#
 CAPACITY: 18.55 GAL. (APPROX)
 EXTERNAL PIPE SPEC: SA-312 T316SS
 INTERNAL PIPE SPEC: ~
 HYDROSTATIC TEST PRESSURE: FULL OF WATER HOLD FOR TWO(2) HOURS

MATERIALS:
 SHELL: 1/2" THK. T316SS
 HEADS: STD. FED - T316SS 1/2" NOM. THK
 FLANGES: F.S.L.J.
 NOZZLE NECKS: A-312 T316SS
 BOLTING: A-193 GR. B7 BOLTS & A-194 GR. 2H NUTS
 GASKETS: DURIRON TASKLINE
 INTERNALS:
 SUPPORTS: A-7
 INSULATION: 1/2" THK. CALCIUM SILICATE - BY OTHERS
 PAINTING: C.S. PARTS - ONE S/C. RED LEAD PARION

- NOTES:**
1. All Gasket Surfaces to have Comm. Phono Serrated Finish
 2. All Bolt Holes to Straddle Natural Centerlines.
 3. All Openings to be Covered Prior to Shipment.
 4. Interior of Vessel to be Cleaned Free of All Rust Grease & Dirt.
 5. Equipment Number to be Painted on Vessel (2" High Minimum)

FILE COPY
MUST BE RETURNED
TO VAULT

FINAL PRINT
 INDUSTRIAL PIPING SUPPLY COMPANY
 Date: 2-20-67
 Signed: Gerald White, Inc.

B.P. NO. 37149 DATE 3/2/67
 SHEET 1 APPARATUS T-202-5
 PROJECT & ACCOUNT 26001 2014
 ORDER NO. 336-026-01079

EQUIPT. NO. T-2202-5
 EQUIPT. NO. T-2202-5 2 UNITS REQ'D.
 REF. HERCULES INC. DIV. 026 2001-520324WE-A

FOR: ESTERIFICATION
 WILMINGTON, N.C.
 APPROVED: H.G. Schermer
 REVISIONS:
 3. Rev. Gasket Spec. 2-20-67 D.G.
 2. Misc. Rev. & Additions 1-18-67 D.G.
 1. Misc. Rev. & Additions D.G.

INDUSTRIAL PIPING SUPPLY COMPANY
 1501 S. CLARKSON ST. CHARLOTTE, N. C.
 D.M.T. OXIDATE SCRUBBER TANK
 ASSEMBLY & DETAILS
 Scale: Noted
 Drawn: D.G.
 Checked: D.G.
 Date: 2-20-67
 Approved: D.G.
 SHOP ORDER NUMBER: BZ-6303
 DRAWING NUMBER: D-6664
 SHEET 1 OF 2

#103714HER-101