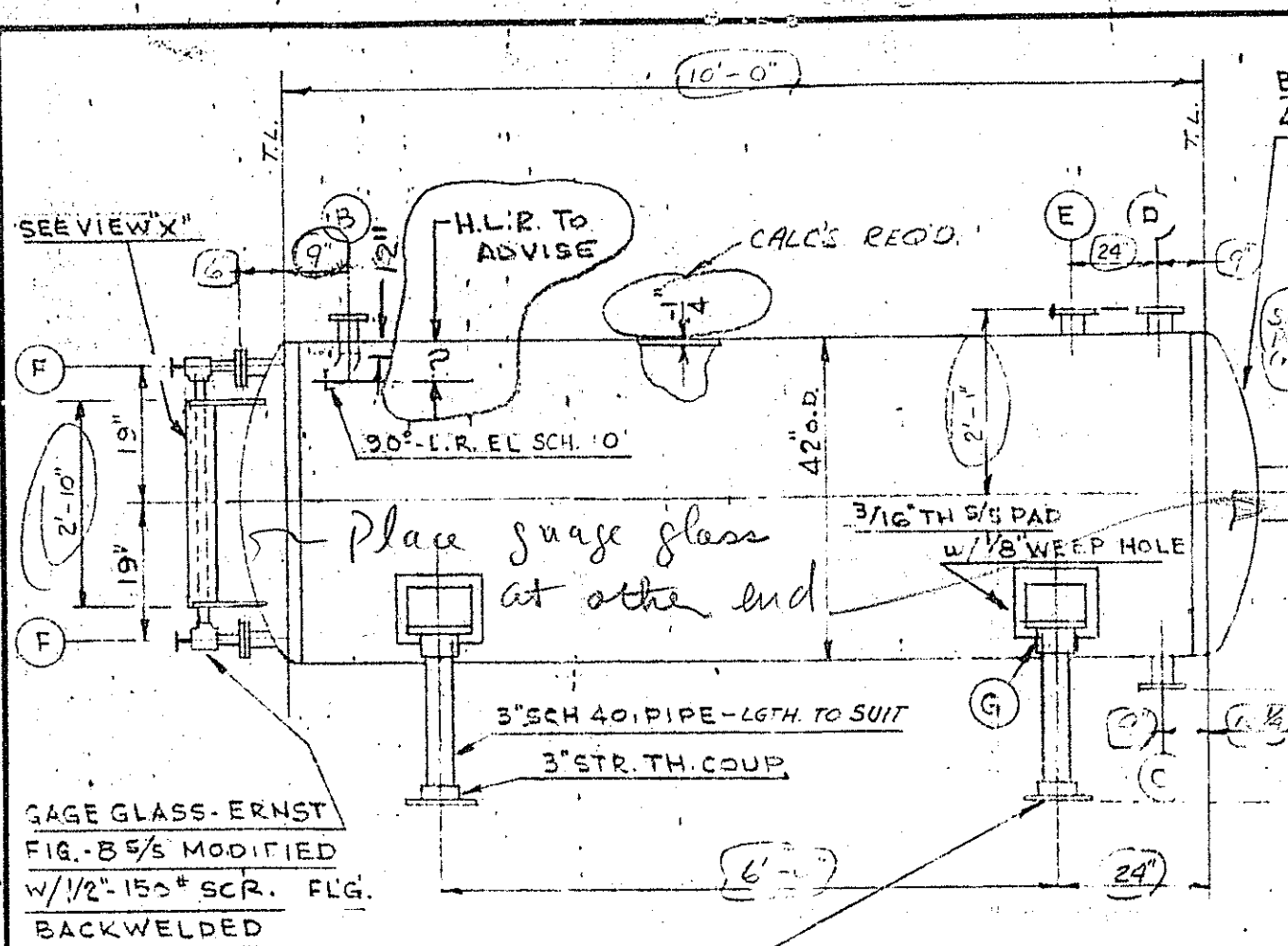




BOTH HEADS STD F&D
42" O.D. x 42" D.R. x 1/2" B.F. 1/4" E

SHOW DETAIL OF HANDHOLE PER H.L.R. STD. EC-1 (WITH 1/2" S/S PLATE)

3/4" 9" O.D. x 1/4" B.C.
HOLES ON 1/2" B.C.
1-1" HOLE AT CENTER

1. PLEASE PROVIDE MORE WITH THE FOLLOWING CALCULATIONS FOR CHECKING:
(a) SHELL & HEAD THICKNESS
(b) SUPPORT LUGS

2. INDICATE SIZE & DETAILS OF THE FOLLOWING WELDS:
(a) HEADS TO SHELL
(b) NOZZLES TO SHELL
(c) NOZZLE TO HEAD
(d) SHELL LONGITUDINAL SEAM
(e) VESSEL SUPPORTS
(f) HANDHOLE TO SHELL

3. LOCATE THE FOLLOWING:
(a) SHELL LONGITUDINAL SEAM
(b) NAMEPLATE - PER H.L.R. C-601 - PARA. 10.4 & H.L.R. A-511 PARA. 8.1

4. COMMENTS & NOTES:
(a) SHOW STRESS RELIEF (IF ANY)
(b) INSPECTION BY HOFFMANN-LAROCHE
(c) ALL EXTERIOR CARBON STEEL PARTS TO BE SANDBLASTED & PAINTED WITH PRUFCOAT - P-50, DRY FILM THK. 2.0 MILS MIN

HOFFMANN-LAROCHE INC.
P.O. - E 262758-B PROJECT-66
P.O. # B3-566 EQ NO-XTC-214
C/PNT. - ARTHUR G. MCKEE & CO.
CONT-3726-P.O.-MSK-3726-22-SS#7

51661-1

	NO REQ	SIZE	RATING	FACING	REMARKS
A	1	6"	~	F.F	PER H.L.R. STD. EC-1 (FLEX. SIGN. GLASS)
B	1	3"	150°F ASH	V.S.	LIQUID INLET
C	1	3"		V.S.	LIQUID OUTLET
D	1	1"		R.F.	WATER OUTLET
E	1	2"		V.S.	VENT
F	2	1/2"		R.F.	LG
G	4	3"	3000#	1/2 CPLG.	LEG SUPPORT

MATERIAL

SHELL & HEADS - SA-240 - #316 SS
NOZZLES - A-316
BOLTING - A-325
GASKETS - 1/4" JM #60 OR EQ.
SUPPORT LUGS - 1/2" A-51
NOZZLES 2" & OVER TO BE VAN STONE CONSTRUCTION USING FLOWLINE TYPE 3 SCH. 10 S/S 316L STUB (N/L OR EQUAL). FLANGES TO BE 1/2" A-51 50% CLIP-ON W/RAISED FACE. NOZZLES UNDER 2" TO BE SCH. 40.
S/S 316.
ALL FLANGE BUTT JOINTS TO STAGGLE
S/S 316 - 3/4" (1/2" E 80%)
1-1/2" S/S 316

S/S - CLEAN INSIDE & OUTSIDE PER SSPC-SP-2 - DO NOT PAINT. P.O. SPECIFIES EXTERIOR TUBE COMPOUNDED & BUFFERED. IS THIS REQ'D? H.L.R. TO ADVISE

S/S CLEAN, REMOVE SPATTER, BUFF WITH #80 GRIT
C/S CLEAN, REMOVE SPATTER, PAINT-PRUF COAT - P-50, CLOSE ALL OPENINGS

WT EMPTY - 1500# FLOODED - 8000#
1-REQ'D - H.L.R. C-601 & ASME CODE - NO STAMP
DESIGN 14.5 P.S.I.G. @ 150°F
HYDROTEST - 23 P.S.I.G.

ENIVEL ENGINEERING CORPORATION
CLIFTON NEW JERSEY

FILE #108209
COLUMN NO 2 DECANter.
772 GAL
S/S 316

SCALE	BY DATE	APP'D DATE	ORDER	DRAWING NO.
1"=1'-0"	ALH 6/10	A 6/10	70232	70232-

APPROVED
Checked for General Design & Controlling Dimensions Only. This Approval does not relieve the Vendor of Responsibility for Correctness of Design, Details and Dimensions.
VENDOR TO MAKE CORRECTIONS AS NOTED AND ISSUE PRINTS FOR OUR (Distribution) (FACILITATION)
(PROCEED WITH) FABRICATION
ARTHUR G. MCKEE & CO.
CLEVELAND OFFICE
Date 7-23-70
Comments: P.O. 8/12/70