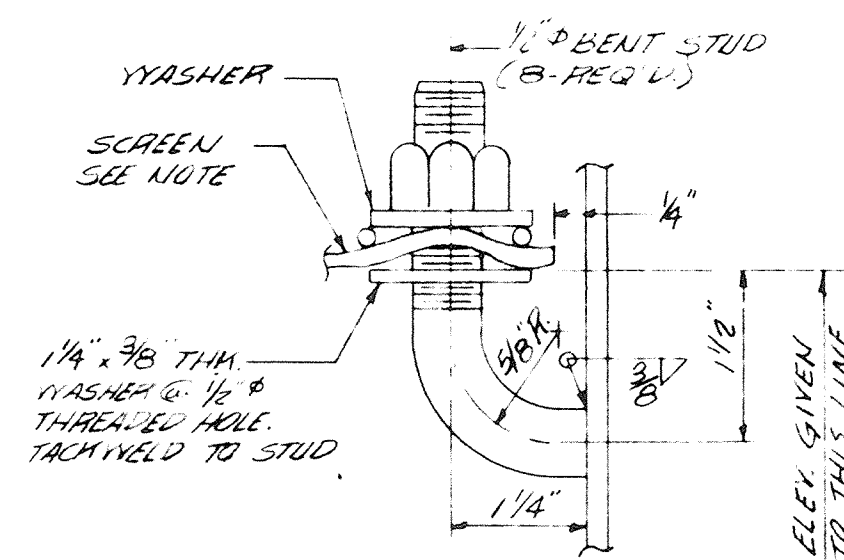
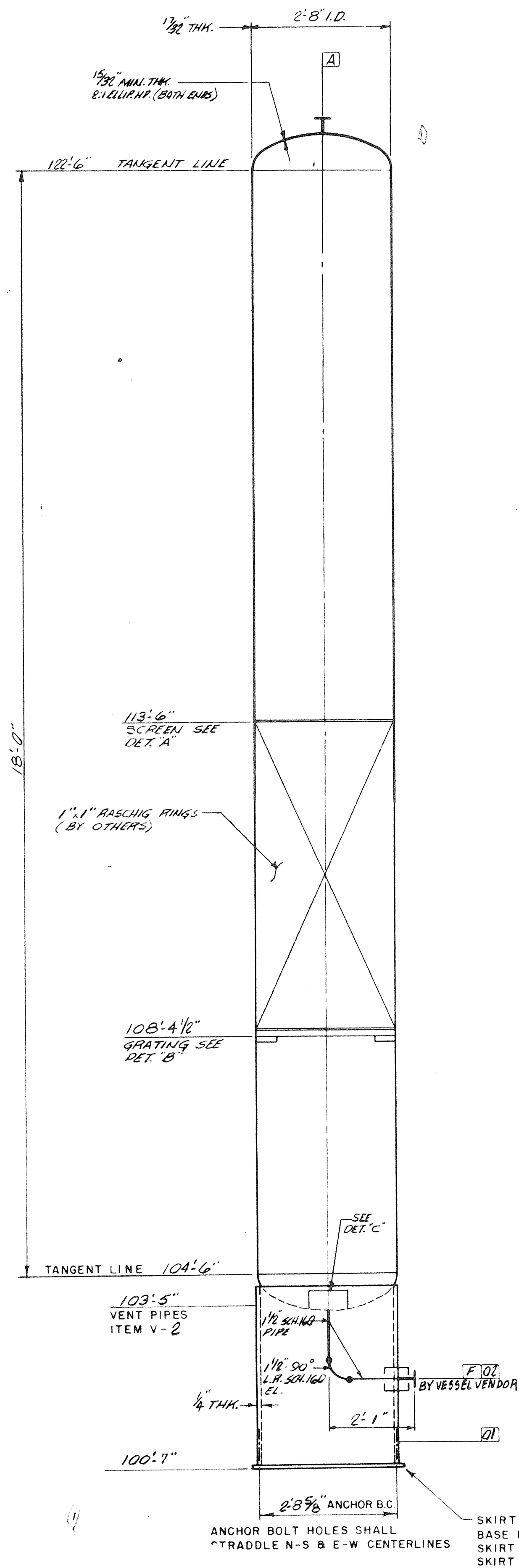
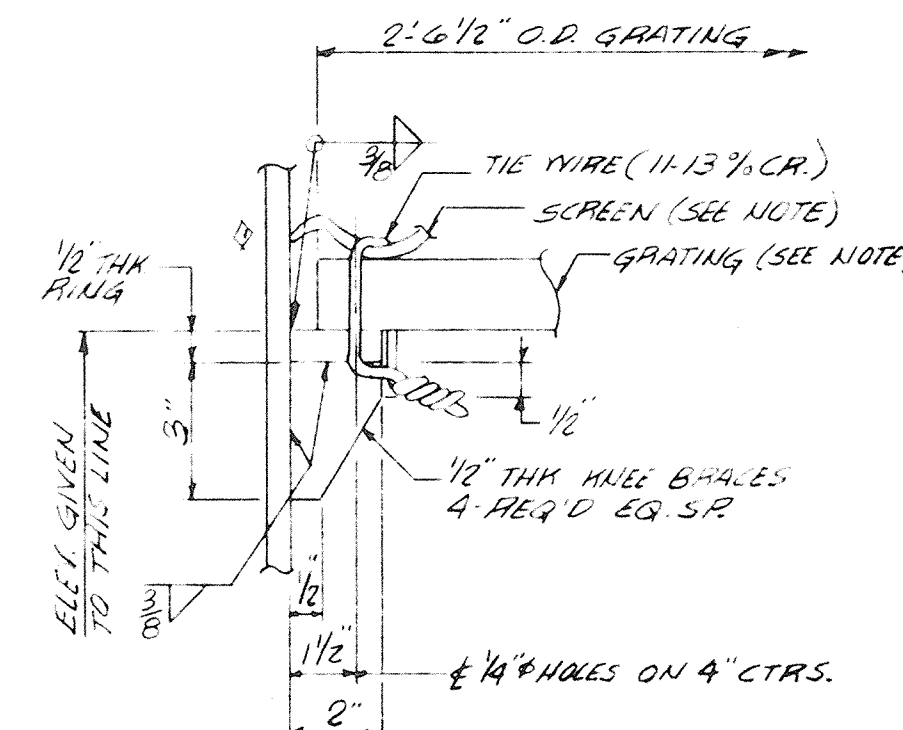
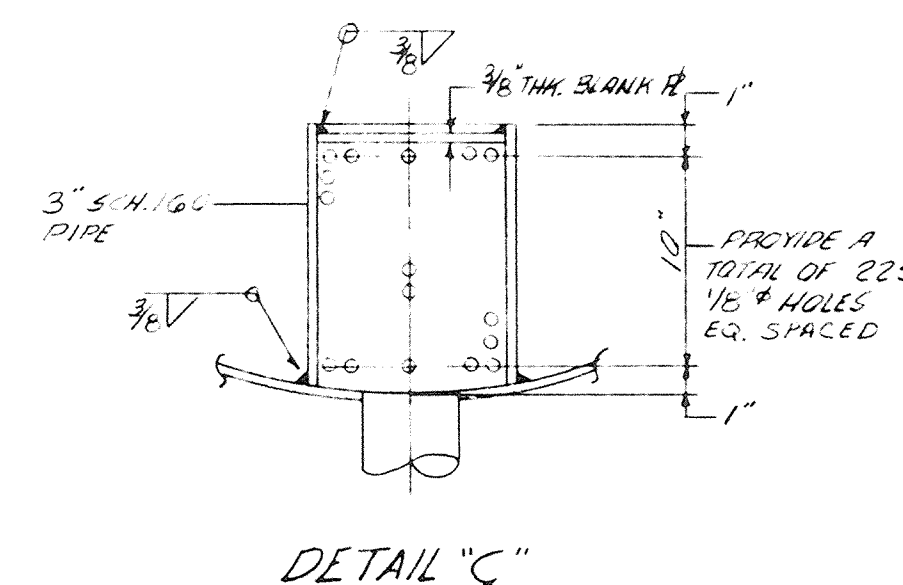




NOTE: SCREEN TO BE 2 X 2 MESH X 0.08" 4 WIRE. 11-13% CR. STL.



NOTE: GRATING TO BE TYPE H 700 AS MANUFACTURED BY HERRIGAN IRON WORKS INC. OR EQUAL. SCREEN TO BE 2 X 2 MESH X 0.08" 4 WIRE 11-13% CR. STL. SCREEN SEGMENTS TO BE LAKED TOGETHER (FURNISH TO PASS THRU 16 MM)



SPECIFICATIONS		DESIGN DATA	
CONSTRUCTION CODE	ASME UNFIRED PRESS	WORKING PRESSURE	240 PSIG
VESSEL CODE SECTION	III 1956 EDITION	PSIG	
MMK SPECIFICATION	E40-1F4	DESIGN PRESSURE	264 PSIG
		BTM.T.L.	273 PSIG
MATERIAL SPECIFICATION:		WORKING TEMPERATURE	95° F
SHELL	A285 GR C, F80	DESIGN METAL TEMPERATURE	95° F
HEADS	A285 GR C, F80	PSIG	
SKIRT	A285 GR C OR D; A7 OH, .35% MAX C	CORROSION ALLOWANCE	1/8" IN
SKIRT BASE RING	A285 GR C OR D; A7 OH, .35% MAX C	STRESS RELIEVING REQUIRED	NO
FORGED NOZZLE	A181 GR 1	RADIOGRAPHING REQUIRED	HAND-100%
BUILT-UP NOZZLE FLG	A181 GR 1; A285 GR C, F80	LONG JOINT EFFICIENCY	80%
BUILT-UP NOZZLE NECK	A285 GR C, F80; SMLS A53 OR A106 GR B	HEAD EFFICIENCY	100%
BLIND FLANGES	A181 GR 1; A285 GR C, F80	ALLOW. STRESS (AT DESIGN METAL TEMP)	13150 PSI
COUPLINGS	A181 GR 1; SAE 1020	SHOP HYDRO TEST PRESSURE	537 PSIG
INTERNAL PLATES, CLIPS	A285 GR C OR D; A7 OH, .35% MAX C	HAMMER TEST PRESSURE	447 PSIG
INTERNAL PIPING	SMLS A53	FIELD HYDROSTATIC TEST PRESSURE	
PRESSURE BOLTING	GRP B	AT BOTTOM KNUCKLE RADIUS	6100 PSIG
NON-PRESSURE BOLTING	GRP A	OPERATING WEIGHT	14,000 LB
GSKT FORM H AND BLIND	TYPE 600	WEIGHT FULL OF WATER	12,600 LB
FLANGED CONNECTIONS		PAINTING REQUIRED	ONE SHOP COAT OF RUST INHIBITIVE PRIMER
NON-PRESSURE GSKT	TYPE 1AA		

REQUIRED STAMPING	
OFFICIAL CODE SYMBOL	ASME
SYMBOL	—E—
MAX. W.P. AFTER CORROSION	264 PSIG
MAX. METAL TEMPERATURE	95° F
MANUFACTURER'S NAME	
MANUFACTURER'S SERIAL NUMBER	
YEAR BUILT	
INSPECTED BY	
INSPECTION DATE	

TABLE OF CONNECTIONS	
UNLESS OTHERWISE NOTED, CONNECTIONS, MANHOLES, CLIPS, ETC ARE SHOWN IN TRUE CIRCUMFERENTIAL LOCATION IN PLANS AND SECTIONS AND DIAGRAMMATICALLY IN THE MAIN ELEVATION. THE DIMENSION FROM FACE OF FLANGE TO INSIDE OF VESSEL SHALL BE 8 1/2 IN. FOR 1 TO 3 IN. NOZZLES, 10 IN. FOR 4 TO 12 IN. NOZZLES, AND 10 IN. FOR MANHOLES.	

SYMBOL	SIZE	RATING	FACING	LINE NO.	SERVICE	REMARKS
SEE DWG # 418-BA1						

① FOR FIELD REF. ONLY

REFERENCE DRAWINGS			
STD VESSEL DETAILS (ITEMS)	491-D1	① DET'LS OF INT. PIPING	499-D2
DET OF SKIRT WELD ATTACHMENTS	491-C1		
LOC. OF CONNS. & CLIPS	418-BA1		

DESCRIPTIVE NORTH 270° 0° 90° 180°		NUMBER OF VESSELS REQUIRED ONE	
SCALE: _____ DRAWN: EPS. CHECKED: A.A. ① DATED: 11-7-52 ISSUED FOR FABRICATION 11/7/52 ISSUED FOR CONSTRUCTION 4-14-53		THE M. W. KELLOGG CO. ADMINISTRACION NACIONAL DE COMBUSTIBLES ALCOHOL Y PORTLAND MONTEVIDEO, URUGUAY EXPANSION OF THE LA TE JA REFINERY GASOLINE STABILIZATION & GAS RECOVERY UNIT BUTANE LPG CAUSTIC WASH TOWER	
515		408 E	5369-4 418-D1
NO.	DESCRIPTION	DATE	BY
1	REC. REV. ADDED FIELD REF DWGS	11/11/52	FM
2	REV. SCREEN DET. B; DWS. COMP. & CHKD	11/11/52	AA