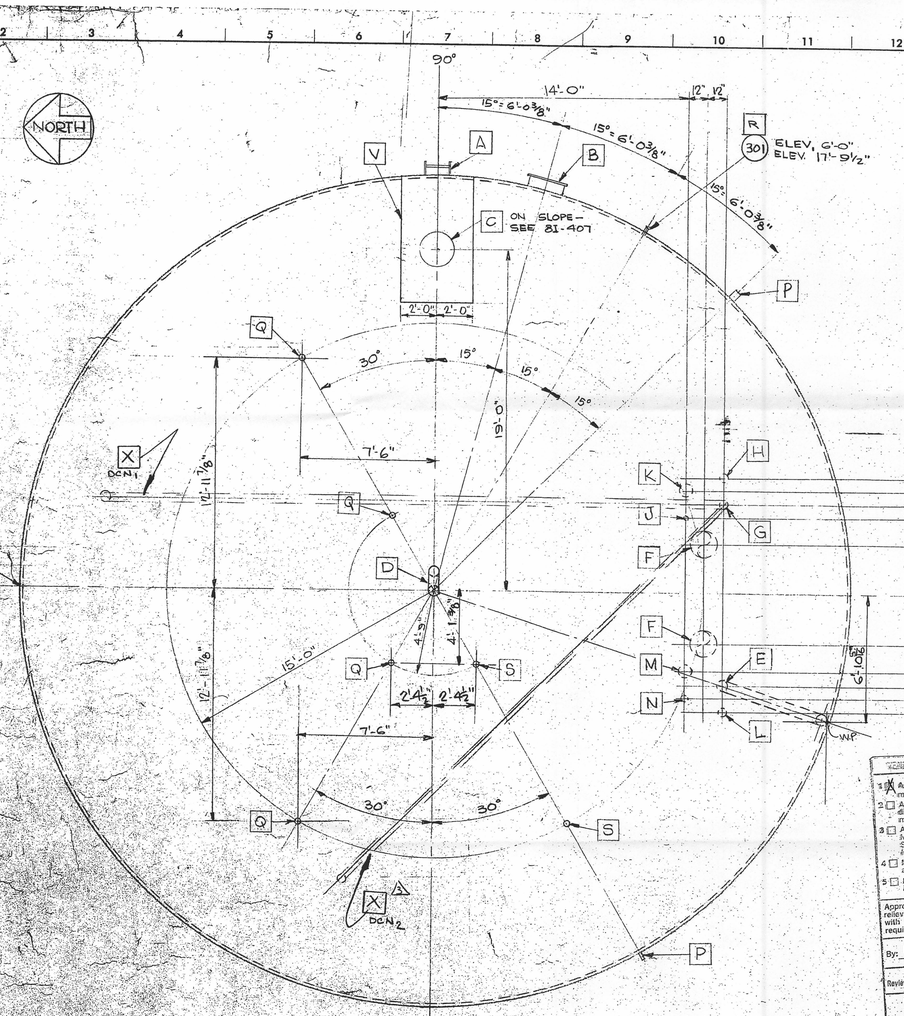
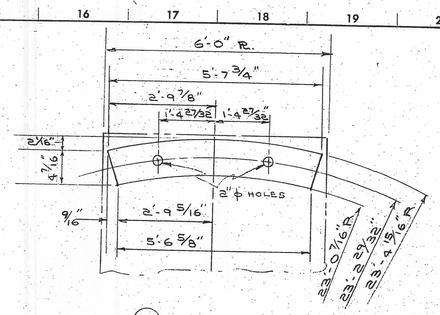
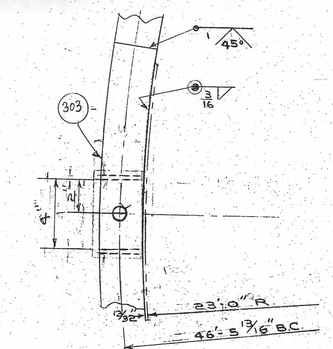
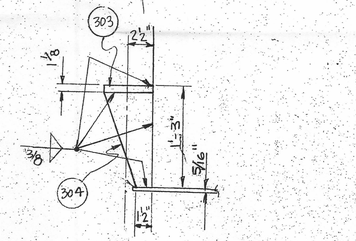


NOTE:
FOR ANCHOR BOLT LOCATION SEE DWG. PA-9448

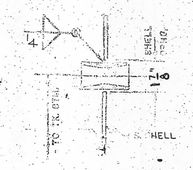


303 DETAIL — 26 REQ'D
(1) PL 1/8" X 72" X 140" CUTS 26

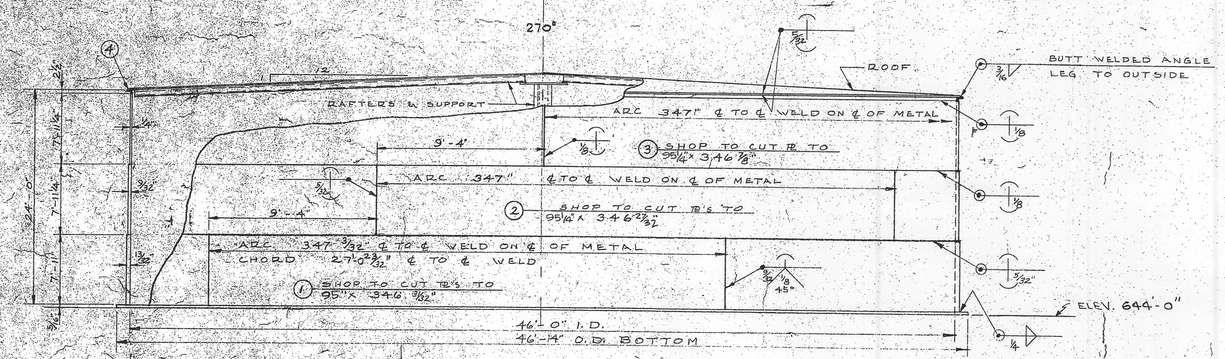




HOLD DOWN LUG DETAIL



301 DETAIL



DIAGRAMMATIC ELEVATION - FOR TRUE LOCATION SEE PLAN
SHELL PL LAYOUT - 5 PL'S PER RING

THIS DRAWING OR TRACING IS THE PROPERTY OF THE GENERAL AMERICAN TRANSPORTATION CORPORATION AND MUST BE RETURNED UPON REQUEST. REPRODUCTIONS HEREOF OR TRANSMISSIONS OF THE INFORMATION HEREON MAY NOT BE MADE WITHOUT WRITTEN CONSENT. ALL PATENT RIGHTS ARE RESERVED.

VENDOR'S DRAWING
1 [X] Approved - Manufacturing may proceed.
2 [ ] Approved - Submit final drawing - Manufacturing may proceed.
3 [ ] Approved except as noted. Make changes and Submit final drawing - Manufacturing may proceed.
4 [ ] Not Approved - Correct and resubmit.
5 [ ] Revise not required - Manufacturing may proceed.
Approval of this Drawing does not relieve Supplier from full compliance with Contract or Purchase Order requirements.
By: [signature] Date 3-11-69
BECHTEL C E L M
Reviewed
BECHTEL CO. P. O. BOX 3965 SAN FRANCISCO CALIFORNIA
JOB 5935
PALISADES PLANT
CONSUMERS POWER CO.

BECHTEL CORP. MAR 11 1969 POWER DIV. S. F.

DISTRIBUTION	COPY	DATE
VENDOR	10	3/11/69
CLIENT	1	
FIELD		
CIVIL		
ELECT.		
MECH.		
LAYOUT	1	
INSTR.		
START-UP		
RECORD		

BECHTEL CORP. SAN FRANCISCO

C.18-67.5

DRAWING & FITTING LIST FOR ONE TANK SUPPLIED & ATTACHED BY G.A.T.C.

MARK	ITEM NO.	NO. REQ'D	DESCRIPTION	DWG. NO.	NOZ. EXT. OUTSIDE TANK	NOZ. EXT. INSIDE TANK	ELEV.	TOTAL WT.
		1	BOTTOM	3A-1164				
		1	ROOF	5B-880				
		1	STRUCTURAL	6A-638				
		1	SHELL	1-1570				
	1	5	PL 13/32 x 95 1/2 x 347 1/2" ALUM 5454-0					6620
	2	5	PL 9/32 x 95 3/4 x 347 1/2"					4600
	3	5	PL 1/4 x 95 3/4 x 347 1/2"					4100
	4	1	ANGLE 2 1/2 x 2 1/2 x 5/16 x 145'-0"					250
			ADD 2'-0" EA/PC.					
A		1	O.S. OPEN LADDER	86-324				
B		1	24" SHELL MANWAY	9A-432	SEE DRWG			
C		1	24" ROOF "	11A-368	"			
D		1	6" GOOSE NECK VENT	11D-190			SEE DRWG.	
E		1	4" OVERFLOW	10D-257				
F		2	18" OUTLETS LINE 1	PA-9484				
G		1	3" PUMP DISC. LINE 2	C-38				
H		1	3" RADWAST SYSTEM NOZ.	PA-9485				
J		1	1" RECIRC. PUMP LINE 3	PA 9484				
K		1	6" POOL SUPPLY LINE 4	"				
L		1	3" VOLUME CONTROL LINE 2	"				
M		1	6" PUMP RECIRC. LINE 4	"				
N		1	2" TANK DRAIN	PA-9486				
P		2	3" 150# SF SHELL NOZ.	9D-369-2			1'-6"	
Q		4	4" 150# SF ROOF NOZ.	11C-390-1	FIELD LOCATION			
S		2	4" 150 SF ROOF NOZ.	11C-390-1	FIELD LOCATION			
T		1	NAME PL	23P-117				
V		1	ROOF HANDRAIL	81-407				
W		1	BASE PL FOR NAME PL	23G-35				
X		1	SET INTERNAL PIPING	C-7072-01				
			FIELD NOTES	2D-1286				
			FIELD CLEANING NOTES					
			FOLDER SK "A"					
R	301	2	1" 3000# SCREWED, FULL CPLG, ALUM.					
	302	1	DUBLOCK LADDER SAFETY					
			DEVICE FOR 24'-0" HT.					
			LADDER ATLAS SAFETY					
			EQUIP CO.					
	303	26	PL 1/8 x 72 x 140 CUTS 26 ALUM. 5454-0					
	304	104	L 1 1/2" x 5" x 21" cuts 2 ALUM. 5454-0					

FIELD NOTES:
ELEVATIONS ARE GIVEN FROM TOP OF TANK BOTTOM TO ℄ OF FITTING.
ARC DIMENSIONS ARE GIVEN ON OUTSIDE OF SHELL.
NOZZLE EXTENSIONS ARE GIVEN FROM THE OUTSIDE SURFACE OF THE SHELL OR ROOF ON ℄ OF NOZZLE TO FACE OF NOZZLE FLANGE NOTED OTHERWISE.
~~DIMENSIONS ARE ON ARC OF SHELL~~
ALL VERTICAL & HORIZONTAL SHELL SEAMS TO BE WELDED WITH COMPLETE PENETRATION & COMPLETE FUSION.
ALL NOZZLES & FITTINGS NOT LOCATED ON ERECTION DIAGRAM TO BE LOCATED IN FIELD.

ERECTION DIAGRAM
TO BE ERECTED COMPLETE BY G.A.T.C. FOR BECHTEL CORP.
LOCATION ERECTED: SOUTH HAVEN, MICHIGAN
CUSTOMERS ORDER NO.
TANK SIZE 46'-0" I.D. X 24'-0" HT. W/ 20 DEG. SLOPE
CONTRACT NO. C7072-C
NO. REQ'D. 1

REV.	DATE	BY	CHK'D	APPR.	DESCRIPTION
6	1-30-89	JRT	RJS	JGD	CHANGED DETAILS ON NOZZLE G PER SC-88-166 (8950-89-037 (MME)
5	2-1-69				DELETED NOTE "UNDER SIDE OF ROOF TO BE SEAL WELDED"
4	1-14-69				ADDED MARK "X"
3					
2	8-21-68	GPS			REVISED ITEM 303 DETAILS, ADDED HK'R & ELEV. 644'-0", NK 9485 DWG WAS 11C-331
1	7-29-68	JM	GPS		GENERAL REVISION

GENERAL AMERICAN TRANSPORTATION CORPORATION CHICAGO GATX

ISSUE
DATE 6-5-68
SCALE 1/2"
DRAWN R. DUNBAR
CHECKED GPS
APPROVED
CHIEF ENGR.
REF. DRWGS.
DWG. NO. 1-1570
MICRO RATIO
PRINTOUT SIZE
C 7072 C
Form E-236

950X13 * C18 SH.67 REV.6 D-03