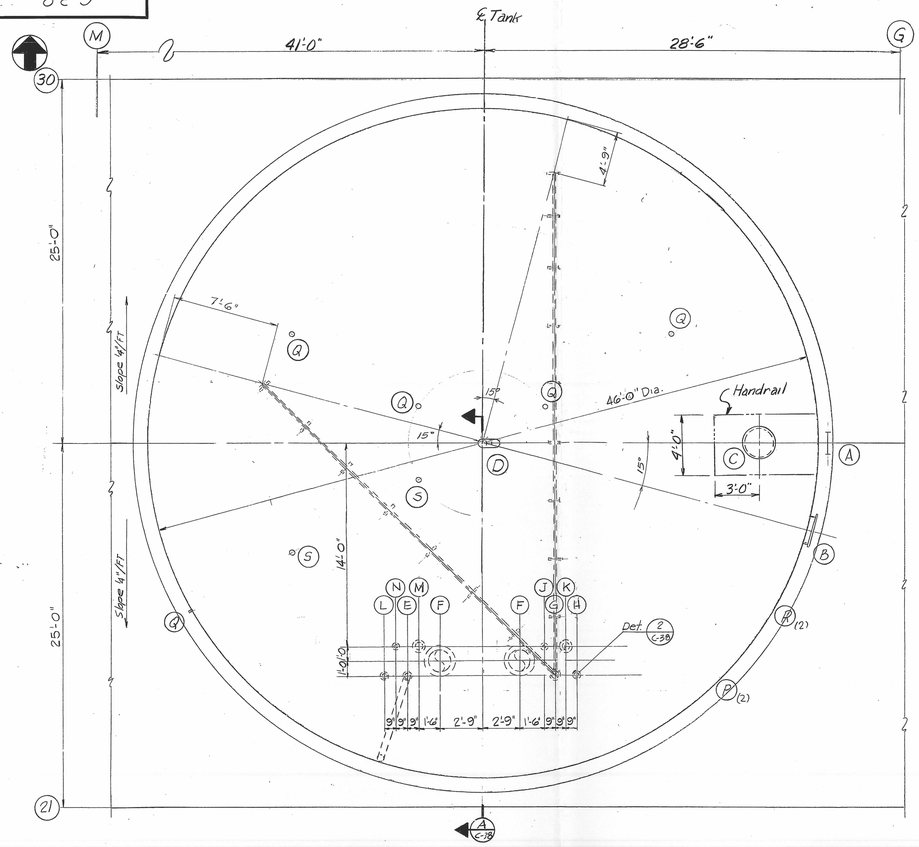
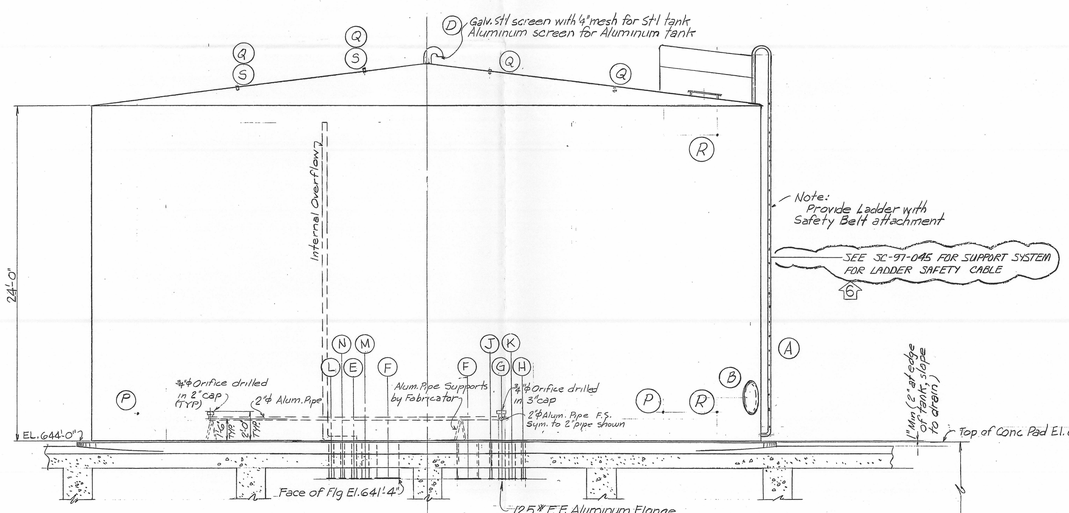
SCALING RULES

SIZE E

8E-3



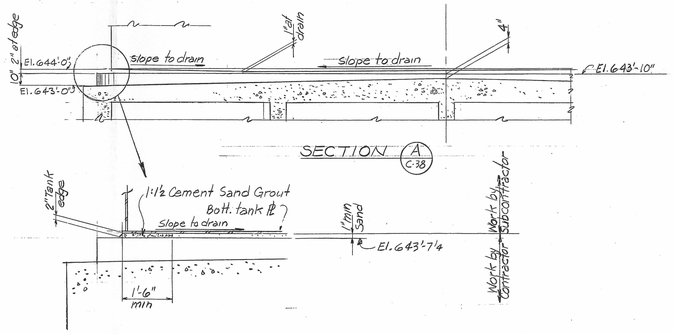
PLAN



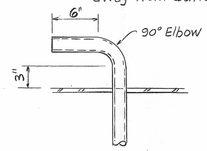
ELEVATION

SAFETY INJECTION AND REFUELING TANK T-58

SAFETY INJECTION and REFUELING TANK PENETRATIONS and ACCESSORIES			
Item	Description	Qty	Size
A	Ladder	1	–
B	Shell Manhole	1	24"
C	Roof Manhole	1	24"
D	Screened Vent	1	6"
E	Overflow	1	4"
F	Tank Outlets	2	18"
G	S.I.&R.W. Recirc. Pump. Suction	1	3"
H	For Redwest Syst.	1	3"
J	S.I.&R.W. Recirc. Pp.	1	1"
K	S.F. Pool Supply Bottom & Vac. Control System	1	6"
L	Pump Recirc.	1	3"
M	Pump Recirc.	1	6"
N	Tank Drain	1	2"
P	Level Transmitter	2	3" R.F. Flg.
Q	Level Switch Low	4	4" Flg. Conn.
R	Temperature	2	1" NPT
S	Addit'l Instruments	2	4" Flg. Conn.

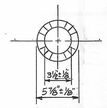


Note: Direct Recirculation Pipe away from Outlets

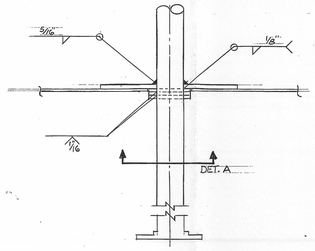


Recirculation Elbow

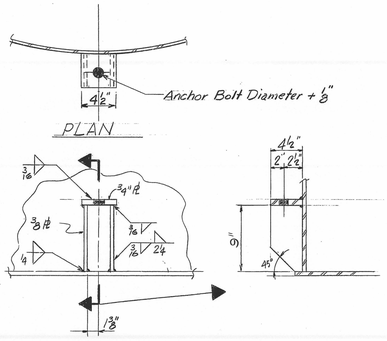
DETAIL 2 C-38



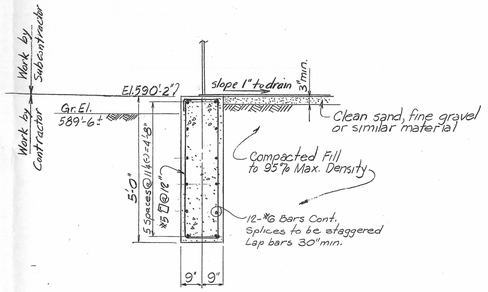
DETAIL A
NO SCALE



NOZZLE 'G' DETAILS
NO SCALE



TYPICAL HOLD DOWN LUGS
No Scale



DETAIL 1 C-38 TANK SUPPORT, ITEMS #1, 2, & 4
Scale: ½"=1'-0" (see Drwg C-37)

NOTES:
1. All work shall conform to specification 5935-C-18.
2. Work this sheet with C-37 and M-43.
3. Materials
   Safety Injection and Refueling Tank
   All nozzles and connections, other than the vent and overflow pipe shall be flanged aluminum connections. Vent and overflow shall be of aluminum material. Tank shall be of aluminum material.
4. Connections
   All nozzles shall be prepared for weld end connections unless otherwise noted.
5. Safety Injection and Refueling Tank is a class I structure.
6. SEE C-18 SH. 51, 52, 53 FOR NOZZLE DETAILS, EXCEPT FOR NOZZLE G.

CP CO	No.	DATE	REVISIONS	BY	CHK	DFTG. SUPVR.	ENGR	PROJ. ENGR	CHIEF ENGR
	7	1-31-89	ADDED NOTE @ 8 DET @ 8 DELETED NOZZLE DETAILS PER SC-88-166 & 950-88-0347 (MMB)	JFT	R/S				
	4	3/28/72	ISSUED FOR AS BUILT 5935-0	DG					
	6	10-5-38	ADDED DWG. NO. FOR LADDER SAFETY CABLE PER SC 97-045 AND DCR 98-765.	MDS	JJR				
	5	1/30/68	General Revisions as shown	EMC	DJH		DWC		
	3	11/30/67	Issued for Construction	RWE	DJH		DWC		
	2	9/6/67	Issued for Bid	EMC	DJH		DWC		

SCALE 4"=1'-0" U.N. DESIGNED JGH DRAWN RWE CHK'D

BECHTEL COMPANY

FAILSAFE DESIGN PLANT
CONSUMERS POWER COMPANY

FIELD ERECTED TANKS
SHEET 2

STATE OF MICHIGAN
ALAN M. APPLEFORD
ENGINEER
NO. 15155
REGISTERED PROFESSIONAL ENGINEER

JOB No.	DRAWING No.	REV.
5935	C-38	6

34 x 44

D-04