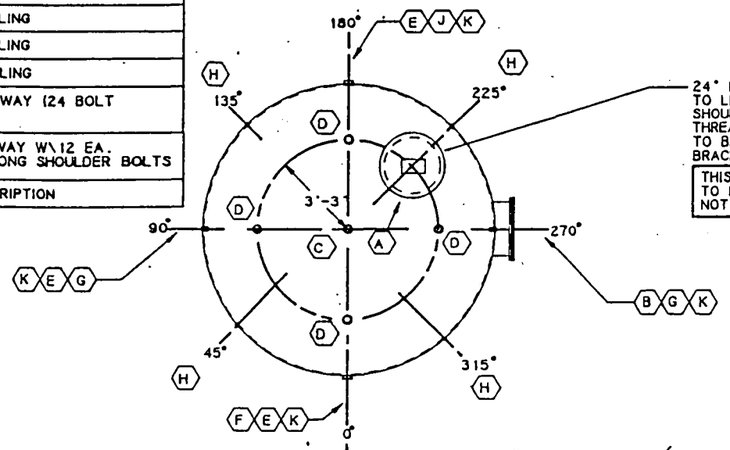
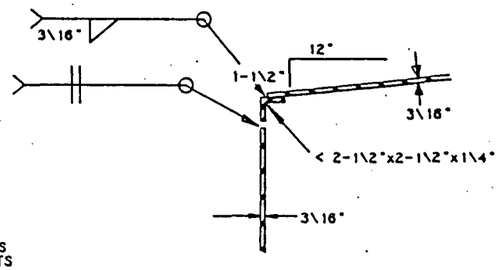
MARK	QTY.	SIZE	DESCRIPTION
K	4	6"	PORT HOLE
J	2		SIDE LIFT LUG
H	4		< 3"x3"x3\8"x3"LONG
G	2		LIFT LUG
F	2	4"	FULL COUPLING
	3	4"	FULL COUPLING
	4	4"	FULL COUPLING
C	1	4"	HALF COUPLING
B	1	24"	SHELL MANWAY (24 BOLT PATTERN)
A	1	24"	ROOF MANWAY W\12 EA. 1\2"x4" LONG SHOULDER BOLTS



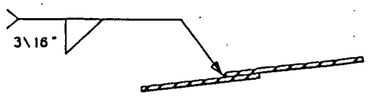
24" DIA. MANHOLE W\GASKET CEMENTED TO LID ONLY. INSTALL USING (12)- 4" LONG SHOULDER BOLTS (EVERY OTHER BOLT HOLE) W\NUTS THREADED TO DEPTH OF NUTS ONLY. NO OTHER BOLTS TO BE USED. THE FOLLOWING TO BE MOUNTED TO BRACKET ON LID:

THIS MANWAY IS PROVIDED WITH LONG BOLTS TO PERMIT EMERGENCY RELIEF VENTING. DO NOT REPLACE WITH SHORTER BOLTS.



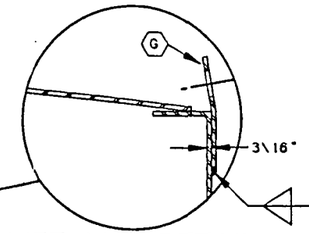
SHELL TO ROOF CONNECTION

SCALE: 1-1\2"=1'-0"



ROOF SEAM DETAIL

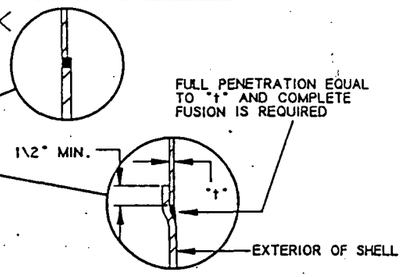
SCALE: 1-1\2"=1'-0"



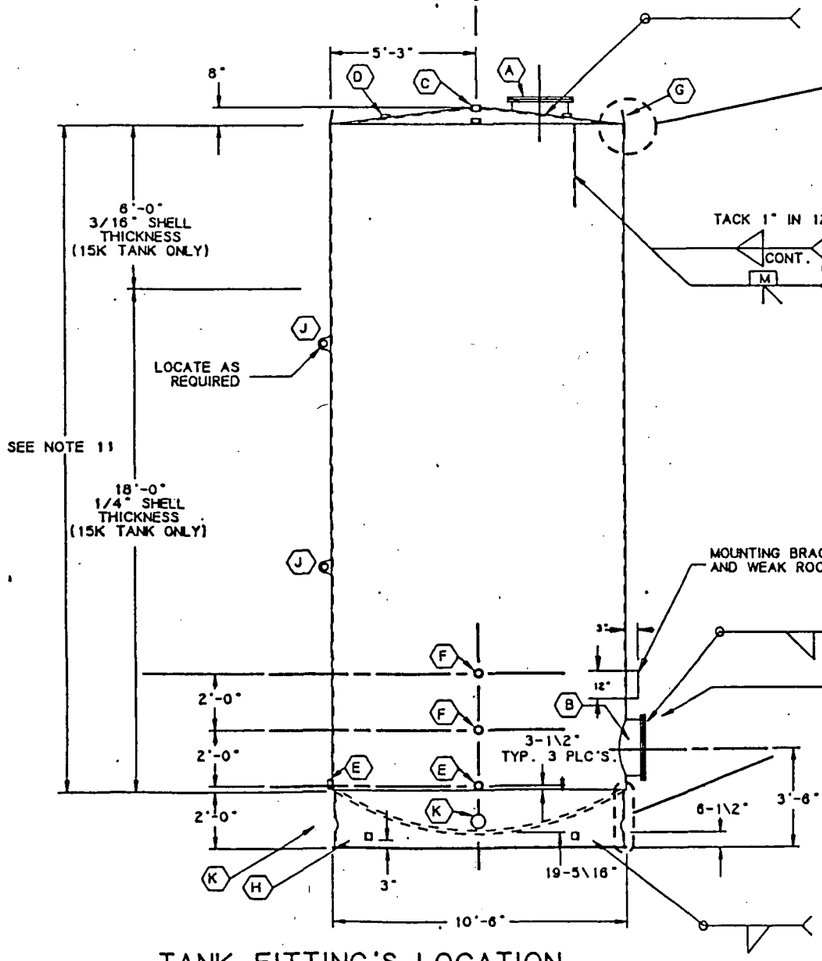
LIFT LUG DETAIL

SCALE: 1-1\2"=1'-0"

ALT. NO. 2 JOINT WELD

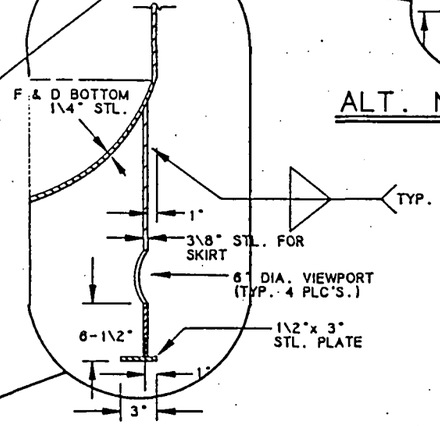


ALT. NO. 1 JOINT WELD



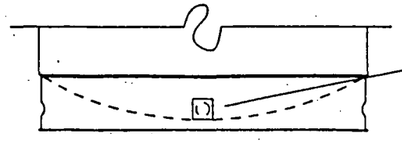
TANK FITTING'S LOCATION

SCALE: 3\8"= 1'-0"



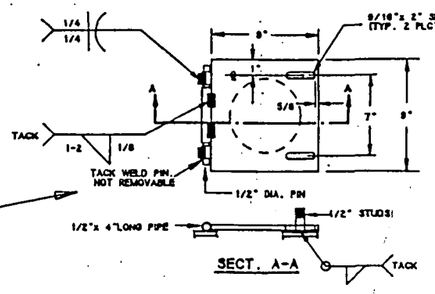
TANK SKIRT DETAILS

SCALE: 1-1\2"=1'-0"



PORT HOLE COVER DETAILS

SCALE: 3\8"=1'-0"



SECT. A-A

GENERAL NOTES

1) TEST PRESSURE TO BE 1-1\2 PSI AIR MIN. & 5 PSI MAX.

2) CONSTRUCTION TO MEET "UNDERWRITERS LABORATORIES" REQUIREMENTS AND BE SO LABELED

3) ALL PERTINENT SAFETY REGULATIONS, BOTH THE OWNER'S & "OSHA, 3" SHALL BE ADHERED TO RIGIDLY. IN ADDITION, ALL SAFETY PRECAUTIONS NOTED ON THE MANFACTURER'S PRODUCT DATA SHEETS AND LABELS SHALL BE OBSERVED FOR BOTH MATERIAL AND EQUIPMENT.

4) INITALLY ALL SURFACES TO BE COATED SHALL BE PREPARED IN A WORKMANLIKE MANNER WITH THE OBJECTIVE OF OBTAINING A CLEAN, DRY AND PROPERLY PREPARED SUBSTRATE.

5) BEFORE ANY SURFACE IS COATED, IT SHALL BE CLEANED CAREFULLY OF ALL DUST, DIRT, GREASE, LOOSE RUST, MILL SCALE, OLD PAINT, ETC.

6) ALL COATINGS SHALL BE APPLIED IN A WORKMANLIKE MANNER TO ACHIEVE THE SPECIFIED DRY MIL FILM BUILD, LEAVING A SMOOTH UNIFORM APPEARING FILM. SPRAY APPLICATION SHALL BE USED WHEREVER POSSIBLE.

7) THE APPLICATION SHALL LEAVE NO SAGS, BRUSH MARKS OR OTHER DEFECTS.

8) CLEAN-UP AND REMOVE ALL SAND AND DEBRIS FROM THE JOB WHEN COMPLETE.

9) SUPPORTING SKIRT SHALL BE PROTECTED BY MATERIALS HAVING A FIRE RESISTANCE RATING OF NOT LESS THAN 2 HRS. FIREPROOFING MATERIAL SHALL BE 'ALBI CLAD 800', MANUFACTURED BY ALBI MFG., A DIVISION OF STAN CHEM, INC. OF EAST BERLIN, CT. OR APPROVED EQUAL BY THE OWNER. MATERIAL SHALL BE APPLIED IN STRICT ACCORDANCE WITH MFR'S. SPECIFICATIONS. FIREPROOFING SHALL BE INSTALLED IN FIELD BY OWNER

10) THE BOTTOM SHALL FLANGED & DISHED. THE DISH RADIUS SHALL EQUAL THE DIAMETER OF THE TANK & THE KNUCKLE RADIUS NOT BE LESS THAN 6% OF THE DIAMETER OF THE TANK.

11) HEIGHT OF TANK:

12,000 GAL. = 16'-11 15\16"
15,000 GAL. = 23'-7 1\2"

PAINT SPECIFICATIONS

1) SURFACE PREPARATION:

COMMERCIAL BLAST CLEANING (MINIMUM) IN ACCORDANCE WITH "Steel Structures Painting Council Surface Preparation" SPECIFICATION SSPC-SP6, WITH A PROFILE OF 1.5 - 2.0 MILS.

NOTE: MANUFACTURER'S INSTRUCTIONS MUST BE FOLLOWED WITHOUT EXCEPTION.

2) PRIMER COAT -- APPLIED SAME DAY:

APPLY ONE COAT "SHERWIN WILLIAMS ZINC CLAD III", 3-4 MILS DRY, 6-8 MILS WET. ALLOW TO DRY 24 HOURS. (ZINC CLAD III IS AN EPOXY ZINC CONSISTING OF 3 PARTS: BINDER PART A #B69A3, CATALYST PART B #69V13 AND ZINC DUST PART F #B69D111).

3) INTERMEDIATE COAT:

APPLY ONE COAT "SHERWIN WILLIAMS DTM" ACRYLIC GLOSS, B66 SERIES, COLOR NO. MAC-64 SILVERY (LIGHT GREY) 3-4 MILS DRY, 8-10 MILS WET. (THIS IS CONTRASTING COLOR TO FINISH COAT). ALLOW TO DRY OVERNIGHT.

4) FINISH COAT:

APPLY ONE COAT "SHERWIN WILLIAMS DTM" ACRYLIC GLOSS, B66W101 (WHITE) SERIES, 3-4 MILS DRY, 8-10 MILS WET IN SELECTED COLOR.

NOTE:
COATING SYSTEM 1 REQUIRES MINIMUM SURFACE AND MATERIAL TEMPERATURES OF 50° - 55°F FOR PROPER CURING/DRYING. DO NOT APPLY OVER MOISTURE OF CONDENSATION.

NO.	DESCRIPTION	BY	CHKD	APPR	DATE
12	CHNG. 9 WAS 012989; ADDED UL MOUNTING PLATE INFO.	RD			2/12/90
11	REV. GEN. NOTES ADDED PAINT SPEC'S.	RD			8/2/89
10	REVISED & REDRAWN ON COMPUTER	RD			6\16\89
9	MISC. REVISIONS	CS			3\89
8	ADDED NOTES	CS			2\17\88
7	ADDED NOTE NO. 7	CS			11\30\87
6	ADDED & CHG'D. DETAILS & NOTES	RLB			10\13\87
5	ADDED DETAILS; REMOVED NOTE 7; CHANGED DETAIL	RLB			9\23\87
4	ADDED DETAIL "A" & NOTES 6 & 7	RD			8\8\87
3	REVISED TO TO SCALE FOR 15K TNK	RD			6\11\87
2	RMV'D 20,000 GAL. REF.	RD			5\18\87
1	ADDED NOTE NO. 5	JWB			3\30\87

REVISIONS

TITLE

12,000 GAL. & 15,000 GAL.
10'-6" DIA. F. & D. VERTICAL TANK
FABRICATION DETAILS

SAFETY-KLEEN CORP.
777 Big Timber Road, Elgin, Illinois 60120 Phone 312/697-8460

PROJ. ENG. APPR.	OPERATIONS APPR.	SCALE	DRAWN	DATE
		AS NOTED	JWA	2\3\88

BRANCH: FOR BRANCH CONSTRUCTION OR IMPROVEMENT

DRAWING NO. 9009

REV. 12