GENERAL NOTES

- OPENINGS WILL NOT BE REINFORCED PER API-650 APPENDIX J, SECTION J.3.6.1 (EXCEPT SIDE MW)
- TANK WILL HAVE LIFT LUGS FOR VERTICAL & HORIZONTAL LIFTING
- ALL BOLT HOLES SHALL STRADDLE THE NATURAL CENTERLINE OF THE TANK , UNLESS OTHERWISE NOTED
- NO HYDROTESTING WILL BE PERFORMED BY HIGHLAND TANK AT THE FACTORY OR JOBSITE - TESTING WILL BE AIR/SOAP TEST PER UL 142

ALL FLG/NOZZLES TO PROJECT 6" FROM TANK UNLESS OTHERWISE SPECIFIED

- ALL NOZZLES TO BE SCH 80

--DO NOT PAINT OVER NAMEPLATE

GASKETS TO BE 1/8" THICK NEO-CORK

SUPPLIED FOR MANWAYS ONLY

NOZZLE SCHEDULE

A	4" HALF COUPLING
B	24" API ROOF TOP MANWAY
C	24" API SHELL MANWAY
D	2" FNPT FITTING
E	1" FNPT FITTING FOR SITE GLASS USE
F	API NAMEPLATE PER DETAIL

CAPACITY - 5000 GALLONS

MATERIAL - SA516 GR 70 PVQ CARBON STEEL

CONSTRUCTION - BUTT WELD INSIDE & OUTSIDE

THICKNESS - TOP - 7 GAUGE SHALLOW CONE
SHELL - 1/4"
BOTTOM - 1/4"

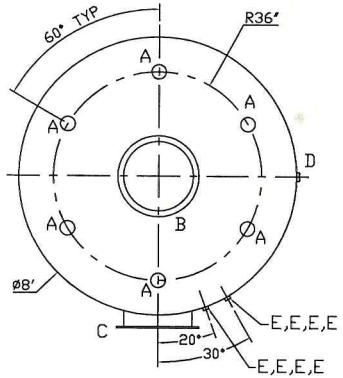
TEST - 2 PSIG

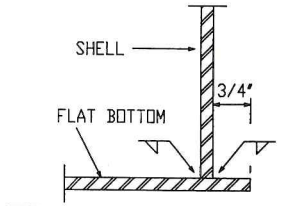
PAINT - INTERIOR - NONE
EXTERIOR - SP6 BLAST,
(2) COATS URETHANE TOPCOAT
COLOR TO BE WHITE

LABEL - UL 142 & API PER DETAIL

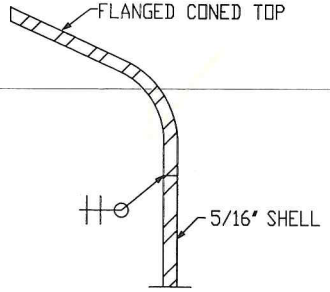
SPOT RADIOGRAPHIC TESTING IS REQUIRED

PLAN VIEW

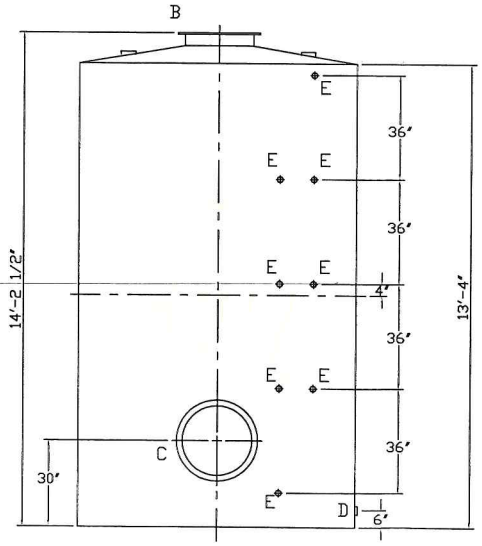




BOTTOM JOINT DETAIL



ROOF/SHELL JOINT DETAIL



ISSUE THIS SHEET TO SHOP WITH JOB

FOR TRUE ORIENTATION SEE PLAN VIEW ELEVATION VIEW DEPICTS CONNECTION HEIGHT ONLY

API STANDARD 650

APPENDIX	J	YEAR COMPLETED	2004
EDITION	TENTH	REVISION NUMBER	0
NOMINAL DIAMETER	8'-0"	NOMINAL HEIGHT	13'-4"
NOMINAL CAPACITY	5,000	DESIGN LIQUID LEVEL	FULL
DESIGN SPECIFIC GRAVITY	1.0	MAX OPERATING TEMP.	AMBIENT
DESIGN PRESSURE	ATM	PARTIAL STRESS RELIEF	NO
MFG SERIAL NUMBER	(HT W/O #)	PURCHASER'S TANK NUMBER	--------
FABRICATED BY	HIGHLAND TANK		
ERECTED BY	GILBOA POWER		
SHELL COURSE ALL	MATERIAL SA516 GR 70 CARBON STEEL		

MATERIAL - 14 GA MIN ST STL

DETAIL L

NOTE
ALL RIGHTS RESERVED, THIS DRAWING OR ANY PART THEREOF MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK
HIGHLAND TANK SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE / LOCATION OF FITTINGS, ACCESSORIES & COATINGS SHOWN ON THIS DRAWING

1	ADDED PAINT COLOR	9/21/4	001

Highland Tank

5000 GAL 8'ø AG VERTICAL

CUSTOMER: NORTHEAST PETROLEUM TECH

PROJECT: NYPA BLENHEIM-GILBOA POWER PROJECT

QUOTE NO: 108831

SCALE	DATE	DRAWN BY	CHK'D BY	DWG NO
1/4" = 1'-0"	8/25/04	006		43136C