

NOTES:

- 1) ALL WETTED SURFACES TO BE CLADDED W/ 304L SS. (NOZZLES, HEMI HEADS TUBESHEETS AND MANWAY BLINDS). 1/8" MIN. THK. CLAD.
- 2) NOZZLE MM2, NN1 & NN2 TO HAVE PLUGS WELDED TO FLANGE BLIND. PLUGS TO BE PIPE SECTIONS WITH WELDED PLATES AT END AND 1/4" VENT HOLES AT BASE.
- 3) CLOSING SEAM IN VESSEL SHELL SIDE SHALL BE INSPECTED BY BOROSCOPE ROOT PASS TO BE COMPLETED BY GTAW METHOD. ROOT PASS TO BE FULLY EXAMINED BY PT PRIOR TO COMPLETION OF FILLER PASSES. INSIDE SURFACE TO BE FREE OF COARSE RIPPLES, GROOVES, OVERLAPS, AND ABRUPT RIDGES AND VALLEYS.

ELEVATION VIEW
SEE PLAN VIEW FOR TRUE ORIENTATION

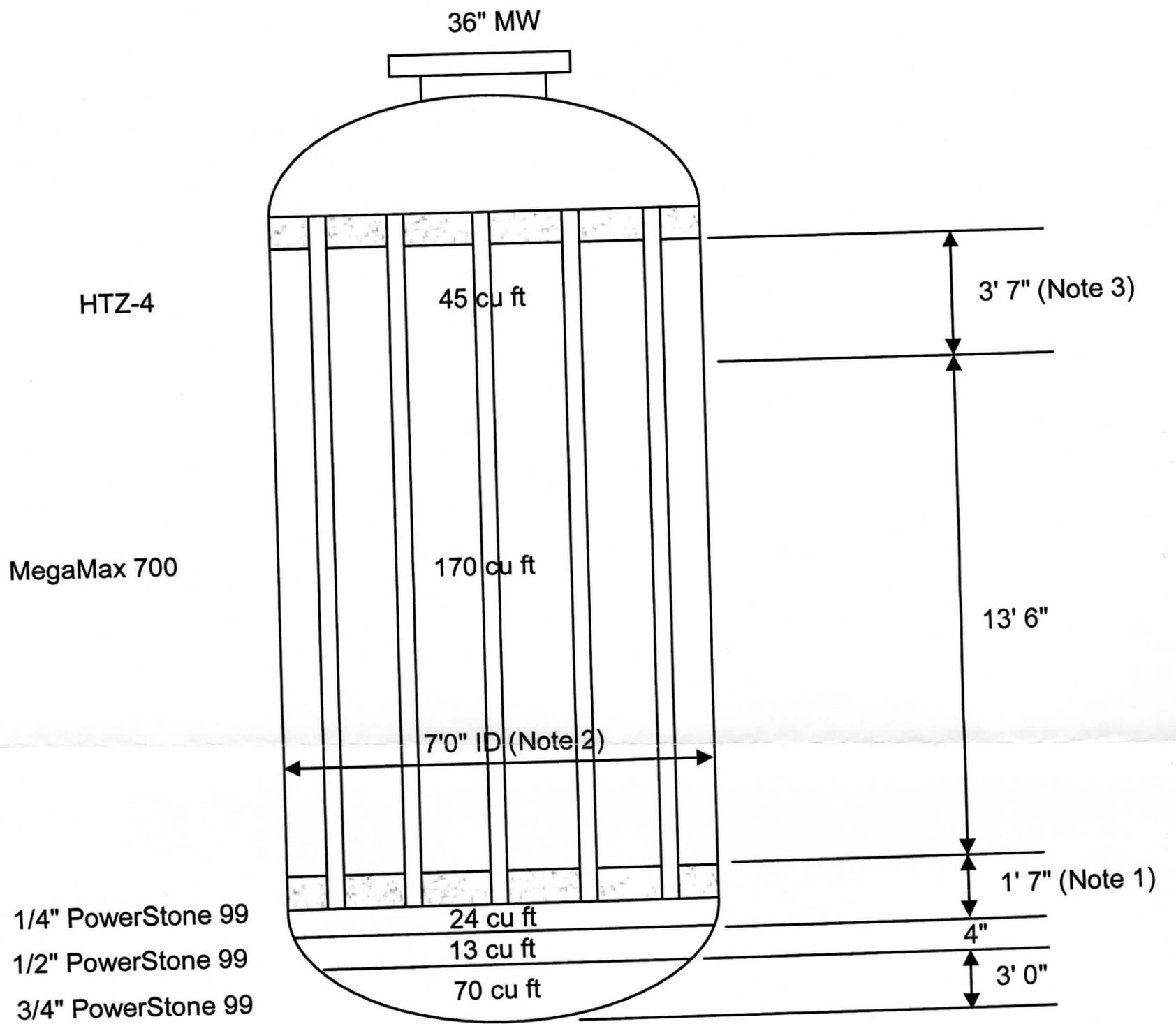
SEE SHT. 6 FOR TRUE ORIENTATION
SEE SHT. 8 FOR TOP AND BOTTOM HEAD ORIENTATION



WAGNER PLATE WORKS WEST			
14015 GARFIELD AVE. PARAMOUNT, CA 90723-2137 (562) 531-6050 FAX (562) 531-4919			
CUSTOMER NAME: RANGE FUELS SOPERTON PLANT, LLC		MFG'S SERIAL NO. 09-085	
PROJECT: CATALYTIC CONVERTER	SCALE: NONE	DRAWN BY: F.C.	CHECKED BY: J.P.
CUSTOMER NO. B27-0368	DRAWING NO. 4549	SHEET 7	OF REV 21 1
DRAWING TITLE VESSEL DETAIL			

CATALYTIC CONVERTER (41-R-168) LOADING DIAGRAM

By: MKR
Date: 10/6/09



Notes:

1. Fill to top of bottom tubesheet.
2. 1028 x 1 1/2" Shd 80 tubes (catalyst in tubes)
3. Fill to bottom of top tubesheet