



Specifications

4,000 gallon stainless steel tank

TANK SIZE AND SHAPE:

4,000 U.S. gallon capacity, elliptical shape, standard profile design, (64" minor axis x 95" major axis) x 192" long. Heads will be dished & flanged (5" minimum dish), 3 baffles will be dished (5" minimum dish).

MATERIAL STAINLESS STEEL T-304L:

The bottom 1/3 of tank skin will be constructed from 3/16" T-304L stainless steel, the top 2/3 of the tank skin will be constructed from 10 gauge T-304L stainless steel. The heads will be 3/16" T-304L dished & flanged (5" minimum dish). Three (3) baffles shall be constructed from 10 gauge T-304L stainless steel & be dished (5" minimum dish.)

CONSTRUCTION PROCEDURE:

The shell skin shall be unspliced sections for the entire length of tank and be electrically welded longitudinally. The entire tank (heads, baffles, shell sections) will be 100% double welded. The baffles will be installed with 24" lined crawl holes, top and bottom 6" X 12" lined flow holes. Three (3) baffles will be installed. The tank will have a rear ladder and top cat walk.

SUB-FRAME-STAINLESS STEEL (T-304L 2B TYPE):

The stainless steel tank skid mount rails shall be constructed from 3/16" stainless steel T304L 2B and installed with five (5) cross members supported to tank bottom and side rails. 1" x 2 3/4" rubber sills shall be installed under skid mount rails in inverted channels.

TANK MOUNTS:

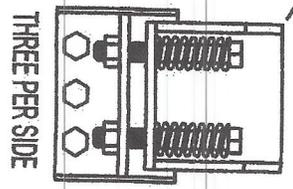
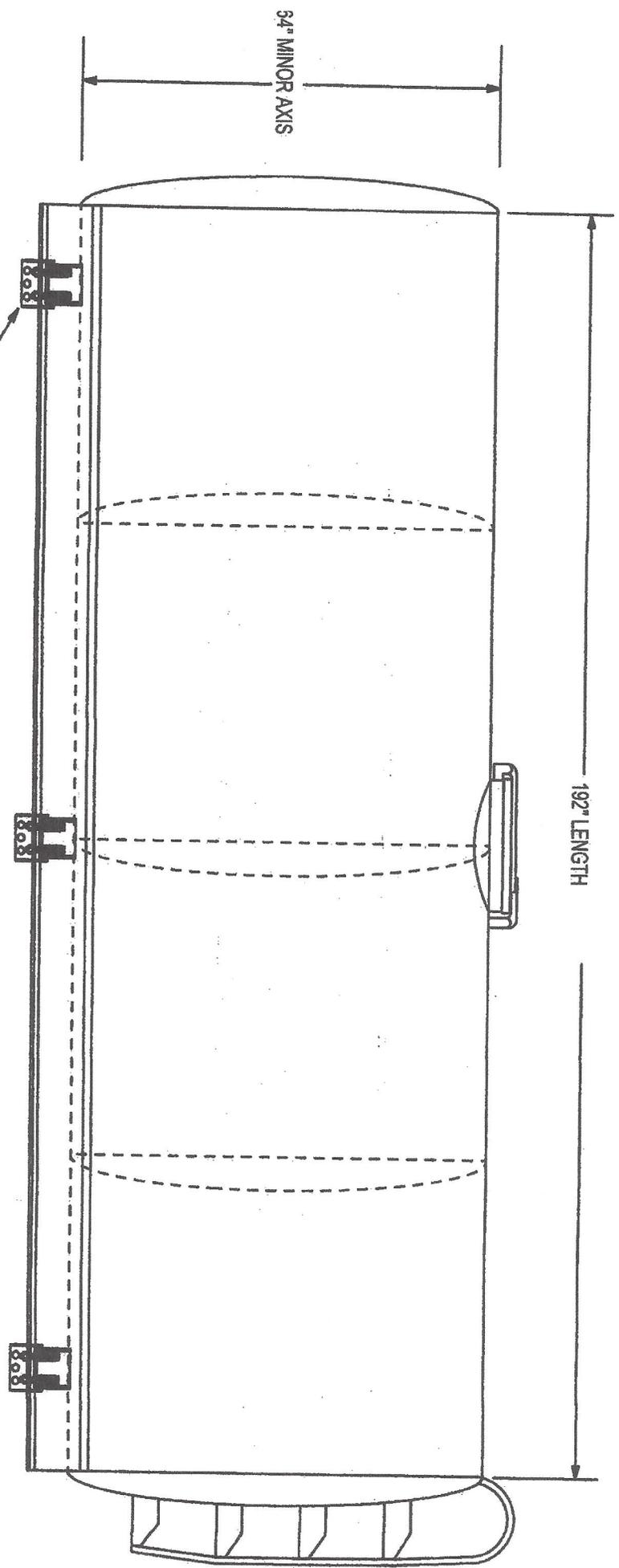
Tank mounts shall be male-female with coil springs (two (2) per mount), three (3) mounts per side of tank frame. Coil springs to be constructed from 5/16" material using 5/8" bolts and self locking nuts.

TOP MANHOLE:

A stainless steel 20" over center locking hatch cover will be used.

OCHOCO MANUFACTURING CORPORATION
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MAILING ADDRESS • PO BOX 66 • PRINEVILLE, OR 97754
WEBSITE www.omco-mfg.com

Ochoco
 Ochoco Manufacturing Corporation



OCHOCO MFG. CORP.	
YAKIMA COUNTY	
REGULAR TANK MOUNT DESIGN	
LARGE OVAL 4,000 GALLON	
DATE	10/2/2015
REV	1 OF 2
SCALE	AS SHOWN



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MATERIAL:

The bottom 1/3 of tank skin will be constructed from 3/16" mild steel, the top 2/3 of the tank skin will be constructed from 10 gauge mild steel. The heads will be 3/16" dished and flanged (5" min. dish). Baffles shall be constructed from 10 ga. mild steel and be dished (5" min. dish).

CONSTRUCTION PROCEDURE:

The shell skin shall be unspliced sections for the entire length of tank and be electrically welded longitudinally. The entire tank (heads, baffles, shell sections) will be 100% double welded. The baffles will be installed with 24" lined crawl holes, top and bottom 6" X 12" lined flow holes. Three (3) baffles will be installed. The tank will have a rear ladder and top cat walk.

SUB-FRAME:

The skid mount rails shall be constructed from 3/16" mild steel and installed with five (5) cross members supported to tank bottom and side rails. 1" x 2 3/4" Rubber sills shall be installed under skid mount rails in inverted channels.

TANK MOUNTS:

Tank mounts shall be male-female with coil springs (two (2) per mount), three (3) mounts per side of tank frame. Coil springs to be constructed from 5/16" material using 5/8" bolts and self locking nuts.

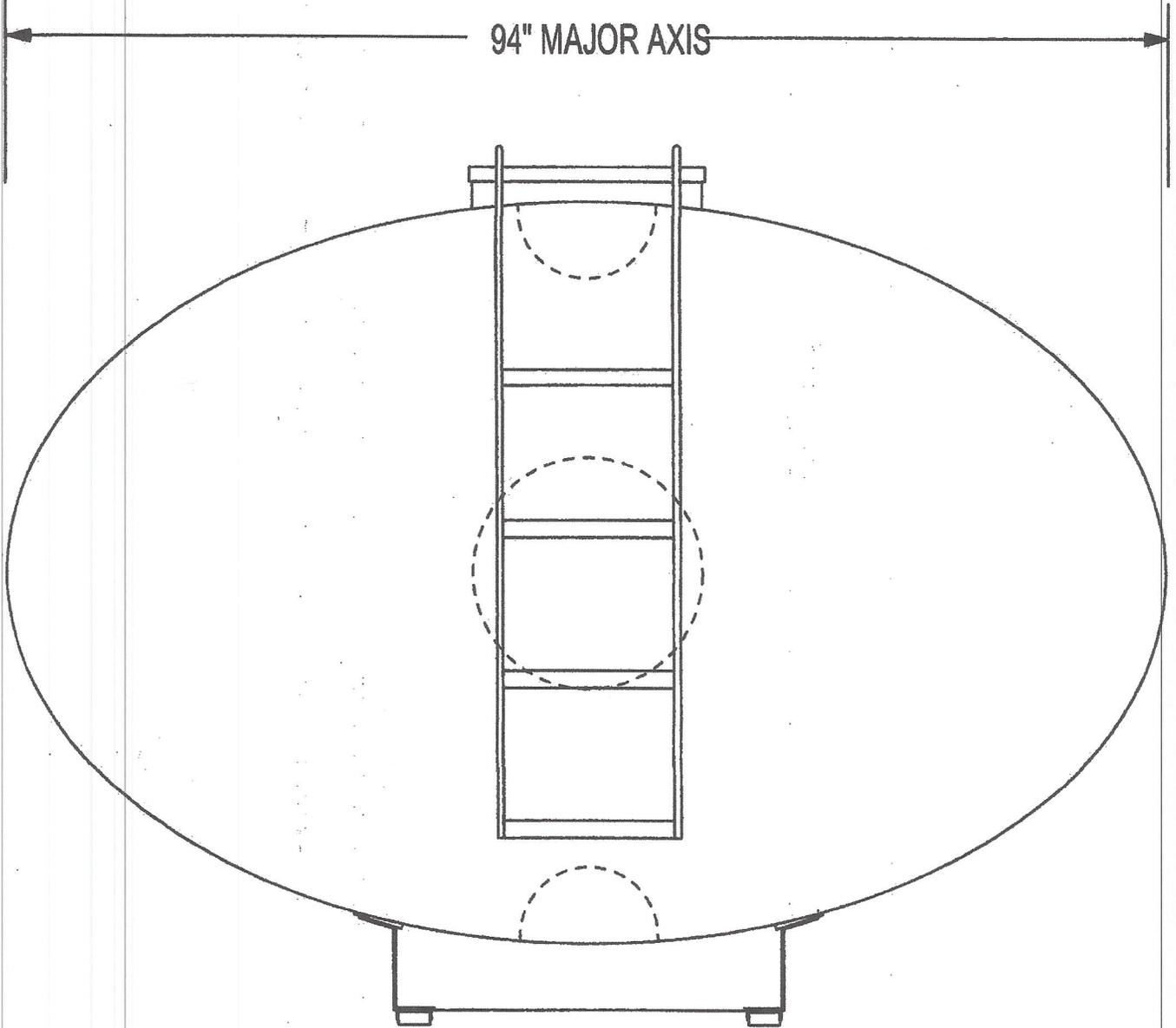
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OCHOCO MFG. CORP.		
YAKIMA COUNTY REGULAR TANK MOUNT DESIGN LARGE OVAL 4,000 GALLON		
DATE 5/22/15	SHEET 1 OF 2	DRAWN BY MARK