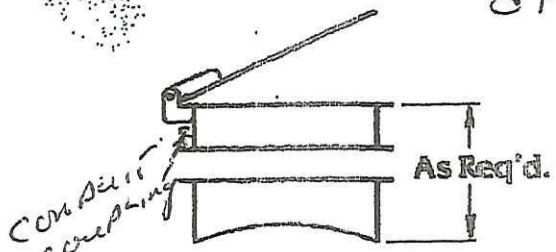
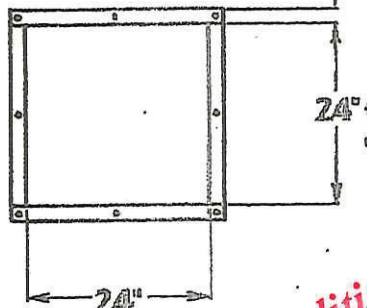
20130277

TANK MODEL HTC 2750

ALL COMPONENTS OF TANK ARE OF 1/4" STEEL

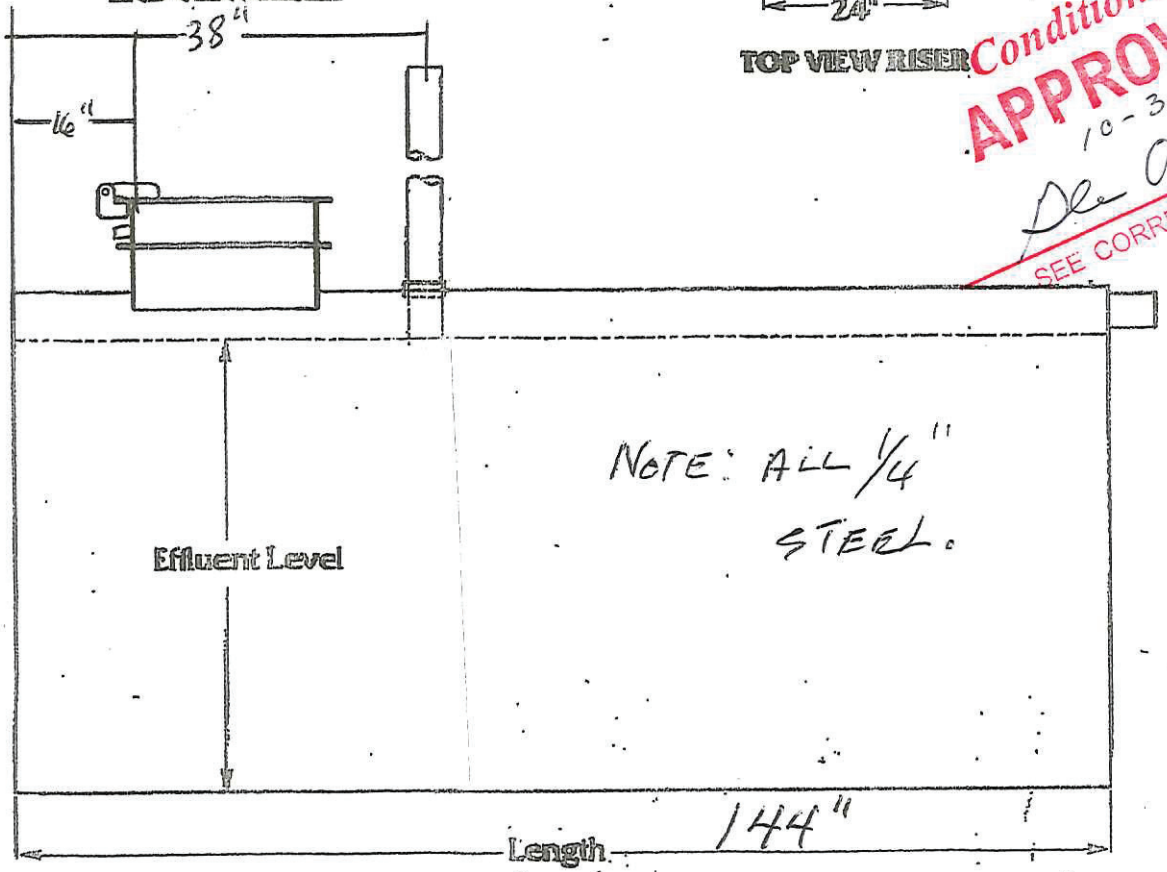
MASTERCRAFT
TANK SPECIFICATIONS
CYLINDERICAL HOLDING TANK
MODEL HTC
. All tanks are cylindrical in shape.
Tar coating LIL approved. 4L 70
. All tanks have warning label on lid.
Butyl rubber riser gasket.





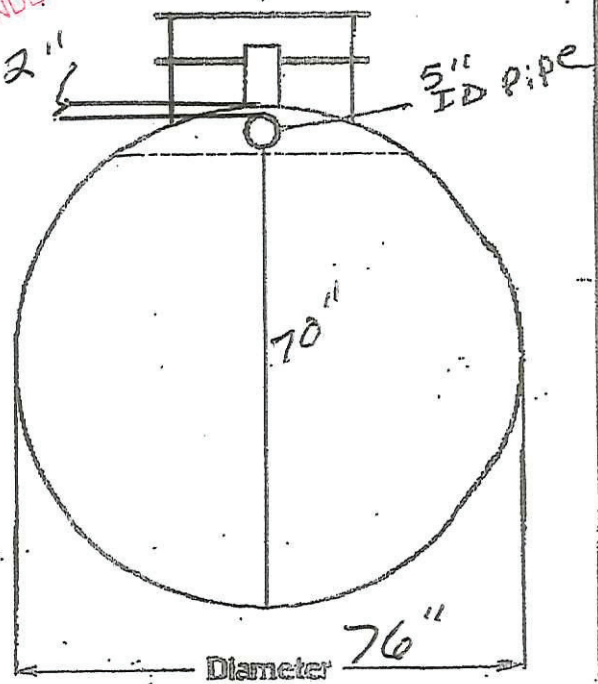
TOP VIEW RISER

END VIEW RISER



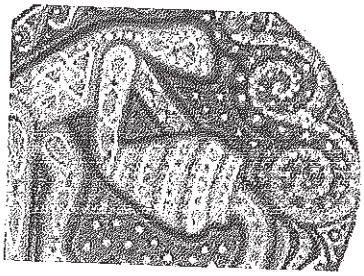
HORIZONTAL CYLINDER SIDE VIEW

Conditionally APPROVED
10-3-13
SEE CORRESPONDENCE



CYLINDER END VIEW

04/08/2013 15:01 9207436099 MASTERCRAFT WELDING PAGE 01/02



California Aquaculture

UNIVERSITY OF CALIFORNIA, DAVIS

HOME

CALCULATIONS

Calculations

Volume of a Cylindrical Tank

Enter values for the cylindrical tank and the program automatically calculates the rest.

144 Height

76 Base

Inch Units

Diameter Measurement type

is equal to:

378.03 Cubic ft $(ft)^3$

2827.69 Gallons

10716.96 Liters

Based on the formula: Volume of Cylinder = $\pi r^2 \cdot h$

Department of Animal Science | University of California | One Shields Ave | Davis | CA 95616-8521 fsconte@ucdavis.edu

www.1728.com/cyltank.htm

1728 Software Systems
Horizontal Cylinder Calculator

Cylinder Diameter= 76 Inches
Cylinder Length= 144 Inches

When Tank Depth Equals	Then Tank Volume Equals
0.00 Inches	0.00 U S gallons
1.00 Inches	7.2173 U S gallons
2.00 Inches	20.332 U S gallons
3.00 Inches	37.202 U S gallons
4.00 Inches	57.044 U S gallons
5.00 Inches	79.394 U S gallons
6.00 Inches	103.93 U S gallons
7.00 Inches	130.43 U S gallons
8.00 Inches	158.68 U S gallons
9.00 Inches	188.54 U S gallons
10.00 Inches	219.87 U S gallons
11.00 Inches	252.56 U S gallons
12.00 Inches	286.51 U S gallons
13.00 Inches	321.63 U S gallons
14.00 Inches	357.85 U S gallons
15.00 Inches	395.07 U S gallons
16.00 Inches	433.25 U S gallons
17.00 Inches	472.31 U S gallons
18.00 Inches	512.20 U S gallons
19.00 Inches	552.86 U S gallons
20.00 Inches	594.24 U S gallons
21.00 Inches	636.29 U S gallons
22.00 Inches	678.97 U S gallons
23.00 Inches	722.22 U S gallons
24.00 Inches	766.01 U S gallons
25.00 Inches	810.30 U S gallons
26.00 Inches	855.04 U S gallons
27.00 Inches	900.19 U S gallons
28.00 Inches	945.72 U S gallons
29.00 Inches	991.59 U S gallons
30.00 Inches	1,037.80 U S gallons
31.00 Inches	1,084.20 U S gallons
32.00 Inches	1,130.90 U S gallons
33.00 Inches	1,177.80 U S gallons
34.00 Inches	1,224.80 U S gallons
35.00 Inches	1,272.00 U S gallons

36.00 Inches	1,319.30 U S gallons
37.00 Inches	1,366.60 U S gallons
38.00 Inches	1,414.00 U S gallons
39.00 Inches	1,461.30 U S gallons
40.00 Inches	1,508.70 U S gallons
41.00 Inches	1,555.90 U S gallons
42.00 Inches	1,603.10 U S gallons
43.00 Inches	1,650.20 U S gallons
44.00 Inches	1,697.00 U S gallons
45.00 Inches	1,743.70 U S gallons
46.00 Inches	1,790.20 U S gallons
47.00 Inches	1,836.30 U S gallons
48.00 Inches	1,882.20 U S gallons
49.00 Inches	1,927.70 U S gallons
50.00 Inches	1,972.90 U S gallons
51.00 Inches	2,017.60 U S gallons
52.00 Inches	2,061.90 U S gallons
53.00 Inches	2,105.70 U S gallons
54.00 Inches	2,149.00 U S gallons
55.00 Inches	2,191.60 U S gallons
56.00 Inches	2,233.70 U S gallons
57.00 Inches	2,275.10 U S gallons
58.00 Inches	2,315.70 U S gallons
59.00 Inches	2,355.60 U S gallons
60.00 Inches	2,394.70 U S gallons
61.00 Inches	2,432.80 U S gallons
62.00 Inches	2,470.10 U S gallons
63.00 Inches	2,506.30 U S gallons
64.00 Inches	2,541.40 U S gallons
65.00 Inches	2,575.40 U S gallons
66.00 Inches	2,608.10 U S gallons
67.00 Inches	2,639.40 U S gallons
68.00 Inches	2,669.20 U S gallons
69.00 Inches	2,697.50 U S gallons
70.00 Inches	2,724.00 U S gallons
71.00 Inches	2,748.50 U S gallons
72.00 Inches	2,770.90 U S gallons
73.00 Inches	2,790.70 U S gallons
74.00 Inches	2,807.60 U S gallons
75.00 Inches	2,820.70 U S gallons
76.00 Inches	2,827.90 U S gallons