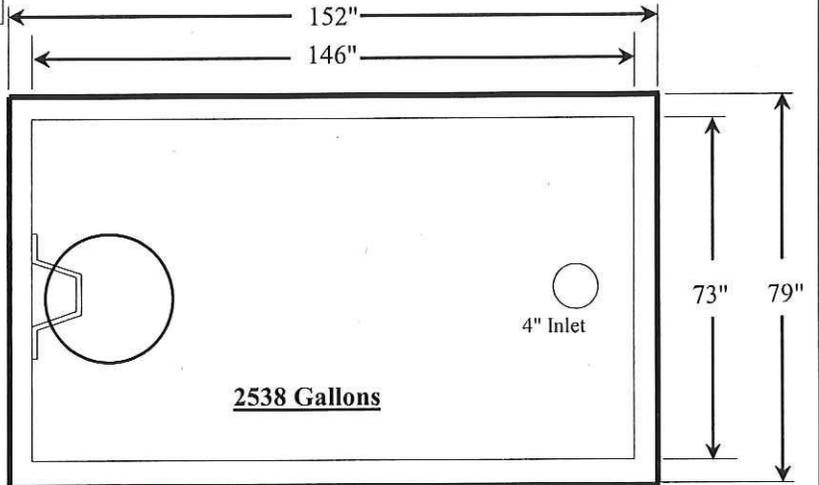
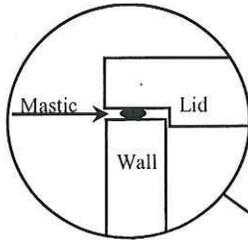


**2500 Gallon
Single Cmp Holding Tank**

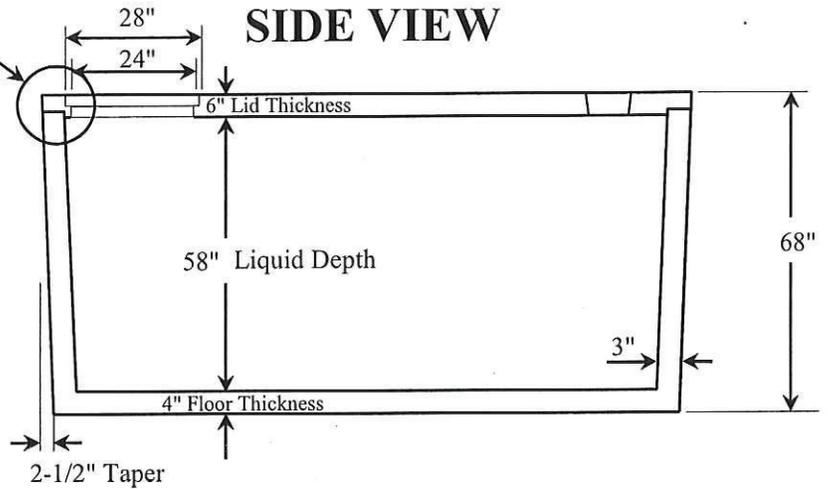
TOP VIEW



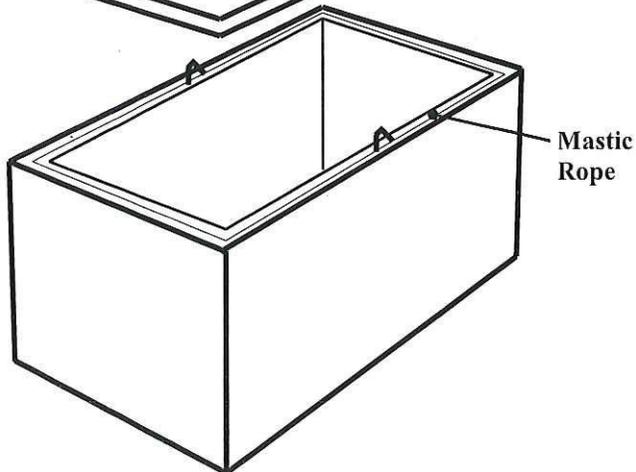
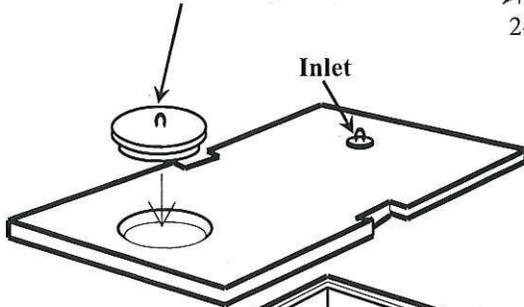
Enlarged Detail



SIDE VIEW



Manhole Openings



Conditionally
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DEPARTMENT OF COMMERCE
DIVISION OF SAFETY AND BUILDINGS
Francis Melvin
SEE CORRESPONDENCE

Francis Melvin Companies
1022 E Spruce Street
Abbotsford, WI 54405
715-748-3200
715-748-9258 (fax)

20130173
~~20080342~~

Drawing Approved By: _____
Date Approved: _____

2500 Gallon Holding Tank

Drawing: DZ-2500

Drawing by: JEB Date: 5/28/2008 10:13 AM

2500 Holding (&2 Compartment) Tank

*** Enter Dimensions in Inches ***

Tank Length = A = 152.00	(Calc. Based on 1/3 / 2/3)	Round off to:
Tank Width = B = 79.00	Lgth of 1st Cmp 96.00	—————> 96
Tank Height = C = 68.00	Lgth of 2nd Cmp 48.00	—————> 48
Wall Thickness = D = 3.00	*** Except or Override Compartment Dimensions ***	
Lid Thickness = E = 6.00	Lgth of 1st Cmp. 89	
Floor Thickness = F = 4.00	Lgth of 2nd Cmp. 55	
Wall Taper = G = 2.50	Total 144	—————> 144
Liquid Level = H = 58.00		(Total must equal this dimension)
Distance In/Out = I = 0.00		

*** Air Space ***

Air Space = J = 0.00
% of Air Space = K = 0%

*** Lengths & Widths ***

Inside Lgth @ Top = L = 146.00
Inside Width @ Top = M = 73.00
Inside Lgth @ Btm = N = 141.00
Inside Width @ Btm = O = 68.00
Inside Lgth of 1st Cmp = P = 89.00
Inside Lgth of 2nd Cmp = Q = 55.00
Lgth @ Btm of 1st Cmp = R = 85.00
Lgth @ Btm of 2nd Cmp = S = 51.00
Width @ Bottom of Tank = T = 74.00
Lgth @ Bottom of Tank = U = 147.00

*** Heights ***

Inside Height = V = 58.00
Inlet Height = W = 62.00
Outlet Height = X = 62.00
Space above Inlet = Y = (3.50)

*** Tank Capacities ***

Total Gal.- Single Cmp = 2538
Gallons of 1st Comp. = 1540
Gallons of 2nd Comp. = 938
Gal. of 1st + 2nd Comp. = 2478
Total Gallons (Full to Lid) = 2541

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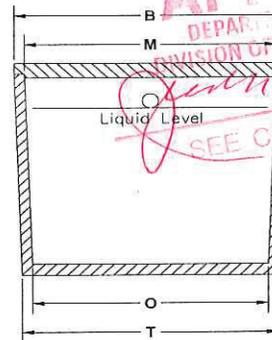
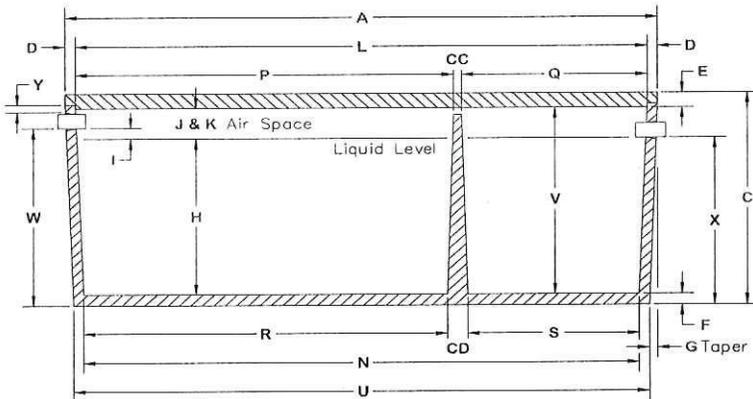
*** Gallons Per Inch ***

Gal/In (Single) = 43.8
Gal/In (1st cmp) = 26.5
Gal/In (2nd cmp) = 16.2

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*** Tank Weights ***

	2 Cmp	Single Cmp
Weight of Tank = 11879.5	10732.4	
Weight of Lid = 6137.0	6137.0	
Total Weight of Tank = 18016.5	16869.4	
*** Volume of Concrete ***	2 Cmp	Single Cmp
Tank - Cubic Yards = 2.93	2.65	
Lid - Cubic Yards = 1.54	1.54	
Total Cubic Yards = 4.48	4.19	



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 DIVISION OF SAFETY AND BUILDINGS
Eric Melvin
 SEE CORRESPONDENCE

The Company/Persons named above shall be given written permission upon purchase of the Concrete Form to duplicate and promote sales literature on this septic tank by:

Francis Melvin Companies
 1022 E. Spruce Street, Abbotsford, WI 54405
 (715) 748-3200 - Fax (715) 748-9258 - E-Mail to: eric.melvin@TDS.net