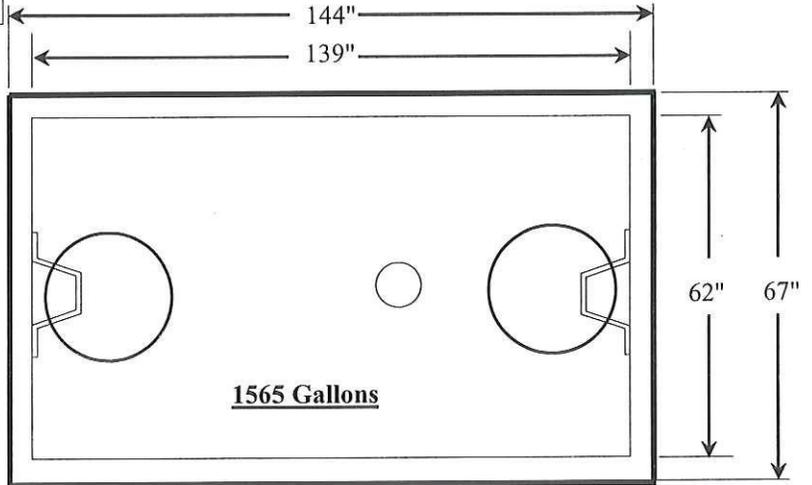
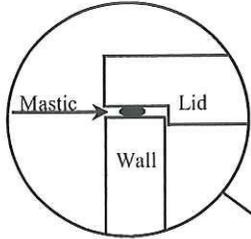


**1500 Gallon
Single Cmp Septic Tank**

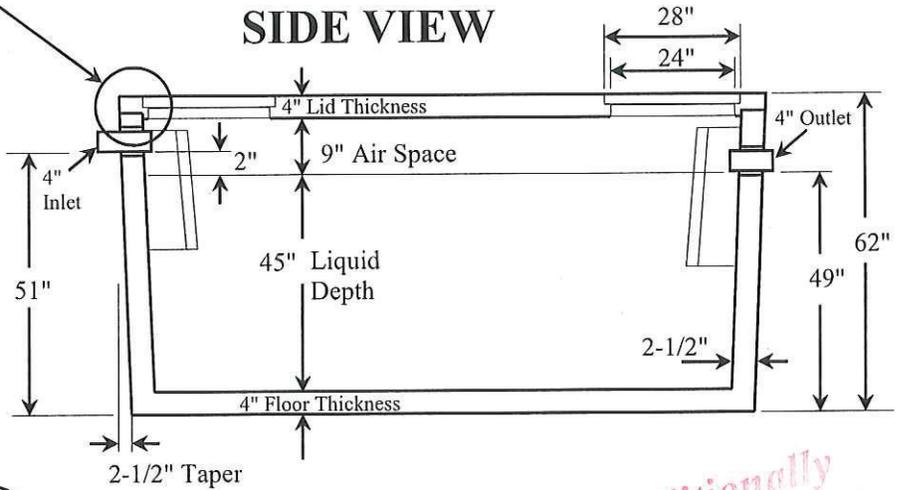
TOP VIEW



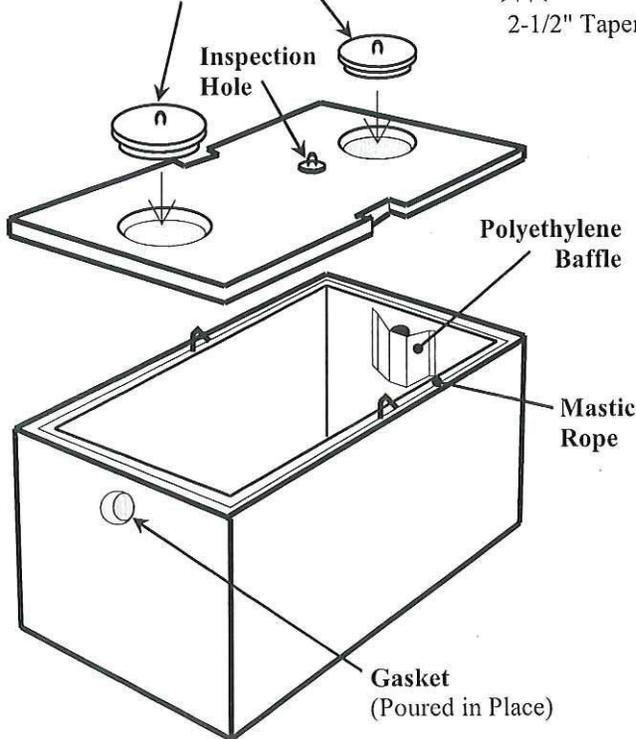
Enlarged Detail



SIDE VIEW



Manhole Openings



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715-748-3200
715-748-9258 (fax)

Drawing Approved By: _____
Date Approved: _____

1500 Gallon Single Cmp Septic Tank

Drawing: DZ-1500 Single

Drawing by: JEB Date: 5/28/2008 8:02 AM

20150288
20050839

1500 Gal Single & 2 Cmp Septic Tank

*** Enter Dimensions in Inches ***

Tank Length = A = 144.00	(Calc. Based on 1/3 / 2/3)	Round off to:
Tank Width = B = 67.00	Lgth of 1st Cmp 91.33	91
Tank Height = C = 62.00	Lgth of 2nd Cmp 45.67	46
Wall Thickness = D = 2.50		
Lid Thickness = E = 4.00	*** Except or Override Comp. Dimensions ***	
Floor Thickness = F = 4.00	Lgth of 1st Cmp 92	
Wall Taper = G = 2.50	Lgth of 2nd Cmp 45	
Liquid Level = H = 45.00	Total 137 = 137	
Distance In/Out = I = 2.00	<i>(Total must equal this dimension)</i>	

*** Air Space ***

Air Space = J = 9.00
% of Air Space = K = 20%

*** Length & Widths ***

Inside Lgth @ Top = L = 139.00
Inside Width @ Top = M = 62.00
Inside Length @ Btm = N = 134.00
Inside Width @ Btm = O = 57.00
Inside Lgth of 1st Cmp = P = 92.00
Inside Lgth of 2nd Cmp = Q = 45.00
Lgth @ Btm of 1st Cmp = R = 88.00
Lgth @ Btm of 2nd Cmp = S = 41.00
Width @ Btm of Tank = T = 62.00
Length @ Btm of Tank = U = 139.00

*** Heights ***

Inside Height = V = 54.00
Inlet Height = W = 51.00
Outlet Height = X = 49.00
Space above Inlet = Y = 3.50

*** Tank Capacities ***

Total Gal - Single Cmp = 1565
Gallons of 1st Cmp = 1032
Gallons of 2nd Cmp = 491
Gal. of 1st + 2nd Cmp = 1523
Total Gallons (Full to Lid) = 1899

*** Gallons Per Inch ***

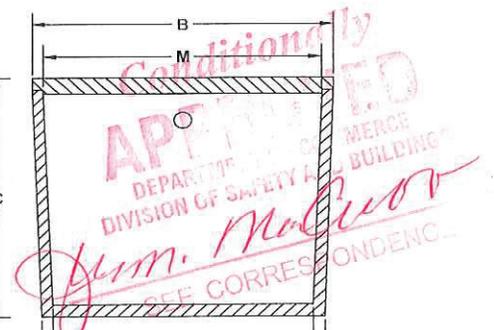
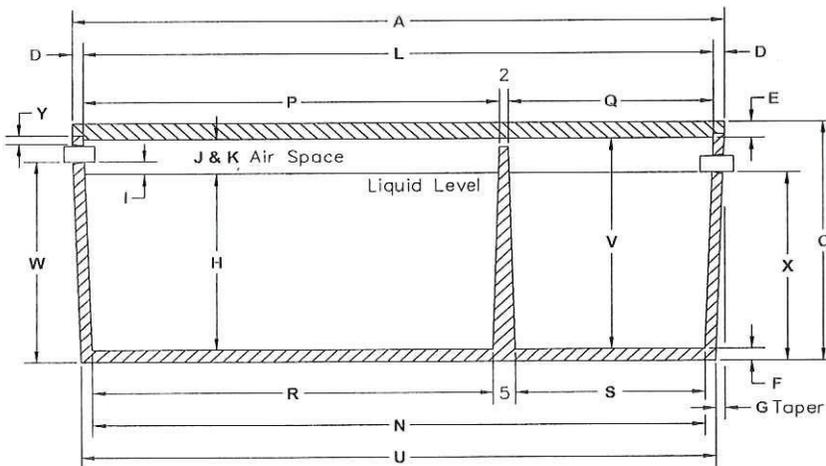
Gal/In (Single) = 34.8
Gal/In (1st cmp) = 22.9
Gal/In (2nd cmp) = 10.9

*** Tank Weights ***

	2 Cmp	Single Cmp
Weight of Tank = 8864.9	7968.1	
Weight of Lid = 3260.6	3260.6	
Total Weight of Tank = 12125.5	11228.7	

*** Volume of Concrete ***

	2 Cmp	Single Cmp
Tank - Cubic Yards = 2.19	1.97	
Lid - Cubic Yards = 0.83	0.83	
Total Cubic Yards = 3.02	2.79	



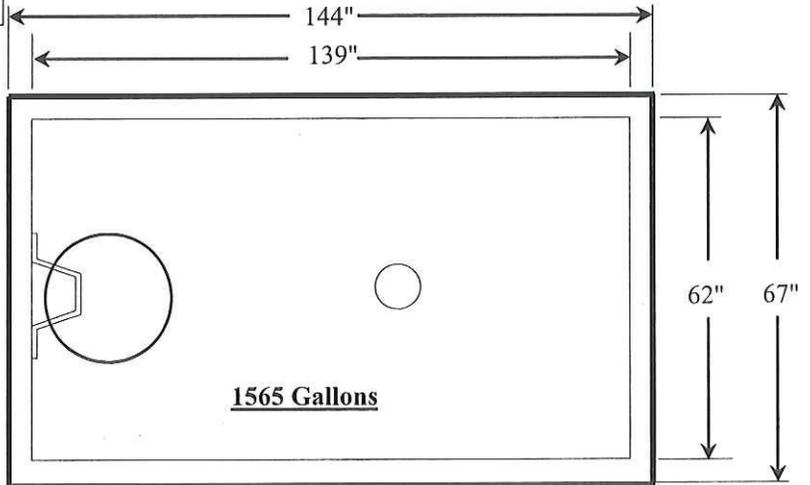
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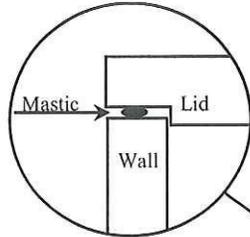
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**1500 Gallon
Single Cmp Holding Tank**

TOP VIEW

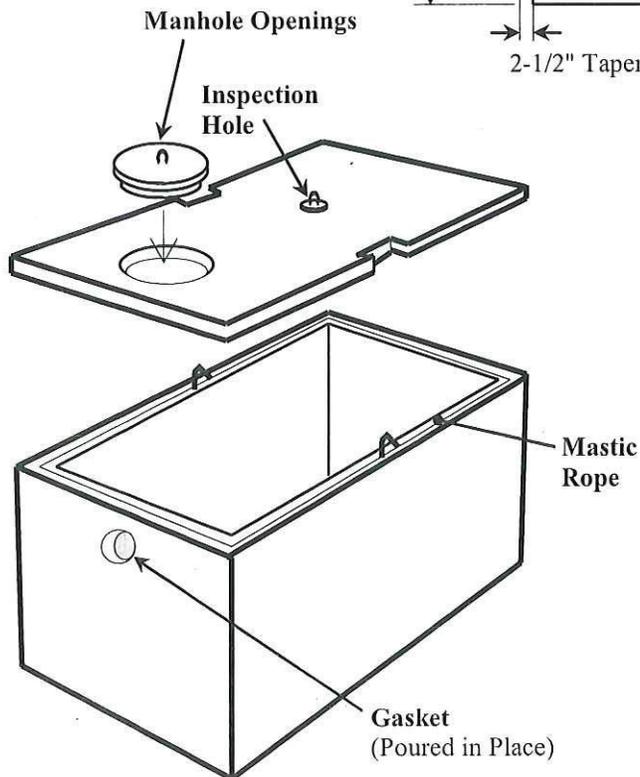
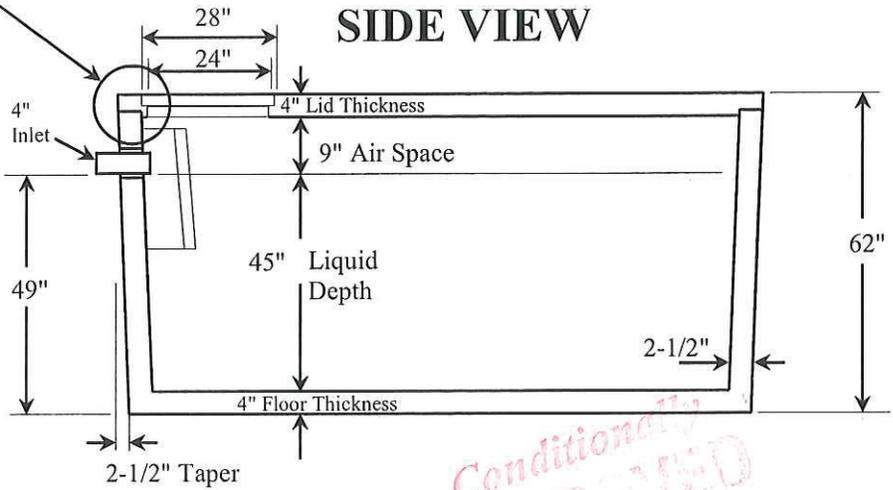


Enlarged Detail



1565 Gallons

SIDE VIEW



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*20150288
20050888*

Drawing Approved By: _____
Date Approved: _____

1500 Gallon Single Cmp Holding Tank

Drawing: DZ-1500 Single

Drawing by: JEB Date: 5/27/2008 2:32 PM

1500 Gallon Holding (&2) Compartment

*** Enter Dimensions in Inches ***

Tank Length = A = 144.00	(Calc. Based on 1/3 / 2/3)	Round off to:
Tank Width = B = 67.00	Lgth of 1st Cmp = 91.33	→ 91
Tank Height = C = 62.00	Lgth of 2nd Cmp = 45.67	→ 46
Wall Thickness = D = 2.50	*** Except or Override Compartment Dimensions ***	
Lid Thickness = E = 4.00	Lgth of 1st Cmp. = 91	
Floor Thickness = F = 4.00	Lgth of 2nd Cmp. = 46	
Wall Taper = G = 2.50	Total = 137	→ 137
Liquid Level = H = 45.00	<i>(Total must equal this dimension)</i>	
Distance In/Out = I = 0.00		

*** Air Space ***

Air Space = J = 9.00
% of Air Space = K = 20%

*** Lengths & Widths ***

Inside Lgth @ Top = L = 139.00
Inside Width @ Top = M = 62.00
Inside Lgth @ Btm = N = 134.00
Inside Width @ Btm = O = 57.00
Inside Lgth of 1st Cmp = P = 91.00
Inside Lgth of 2nd Cmp = Q = 46.00
Lgth @ Btm of 1st Cmp = R = 87.00
Lgth @ Btm of 2nd Cmp = S = 42.00
Width @ Bottom of Tank = T = 62.00
Lgth @ Bottom of Tank = U = 139.00

*** Heights ***

Inside Height = V = 54.00
Inlet Height = W = 49.00
Outlet Height = X = 49.00
Space above Inlet = Y = 5.50

*** Tank Capacities ***

Total Gal.- Single Cmp = 1565
Gallons of 1st Comp. = 1020
Gallons of 2nd Comp. = 503
Gal. of 1st + 2nd Comp. = 1523
Total Gallons (Full to Lid) = 1899

*** Gallons Per Inch ***

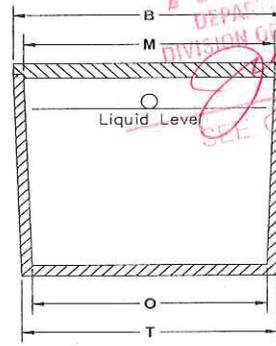
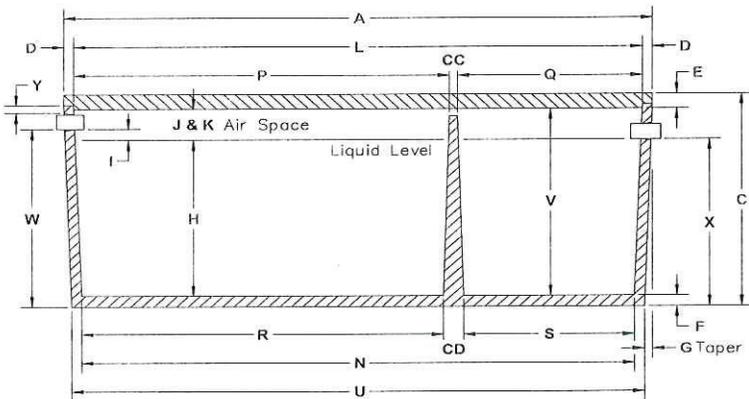
Gal/In (Single) = 34.8
Gal/In (1st cmp) = 22.7
Gal/In (2nd cmp) = 11.2

*** Tank Weights ***

	2 Cmp	Single Cmp
Weight of Tank = 8864.9	7968.1	
Weight of Lid = 3260.6	3260.6	
Total Weight of Tank = 12125.5	11228.7	

*** Volume of Concrete ***

	2 Cmp	Single Cmp
Tank - Cubic Yards = 2.19	1.97	
Lid - Cubic Yards = 0.83	0.83	
Total Cubic Yards = 3.02	2.79	



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