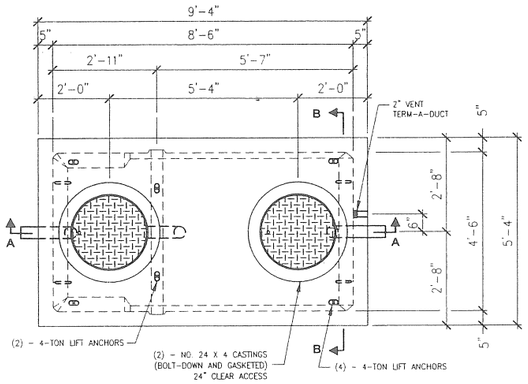
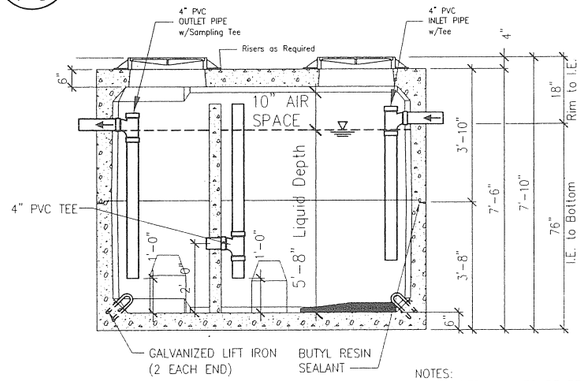
UTILITY VAULT for MULTI-CEPTOR				IAPMO LISTED		
				GROSS	Inside Net	Cap CF
Nominal Capacity	1500G	Dimension=	Length	9'-4"	8'-6"	
Wall Thickness=	5"		Width	5'-4"	4'-6"	
Liquid Depth=	5'-8"		Height	7'-6"	6'-6"	216.8775
					Gallons=	1622.244

MULTICEPTOR Requirements Volume Displacements Deductions:				
Partition=	4/12X4.5X5.67	8.505CF		
Primary Chamber 2% Slope=	1.781438	CF+Slope	1.62/2X8.29X6.77)	= 1.923953 CF
Sides Slopes=	1.5X3/12X3.167=		1.187625 CF	
2nd Chamber 45D sides=	1/2X(2X2.75+4.5)=		1.25 CF	
4 Pumps @ 0.9 CF ea			3.6 CF	
	Total Deduct=		16.46658 CF	Gallons= 123.17

Net Working Volume=	1499.074

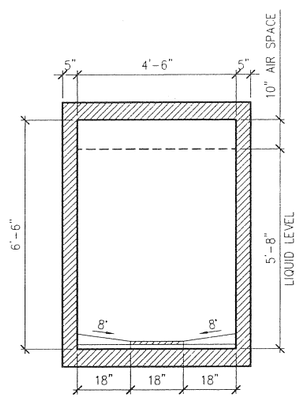


A P-3 PLAN VIEW - 1500 GALS
SCALE: 1/2" = 1'-0"



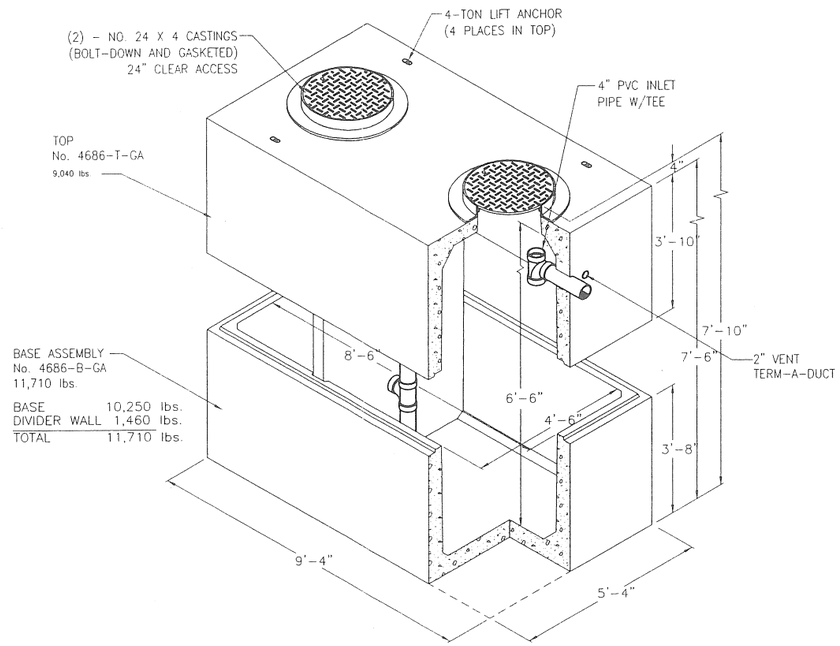
NOTES:
1. DIVIDER WALL TO BE PRECAST CONCRETE
2. CONTRACTOR TO:
   SET & GROUT DIVIDER WALL.
   FILL WITH CLEAN WATER AFTER BACKFILLING IS COMPLETE AND PRIOR TO "START-UP" OF SYSTEM.

B P-3 SECTION "A-A" 1500 GALS
SCALE: 1/2" = 1'-0"

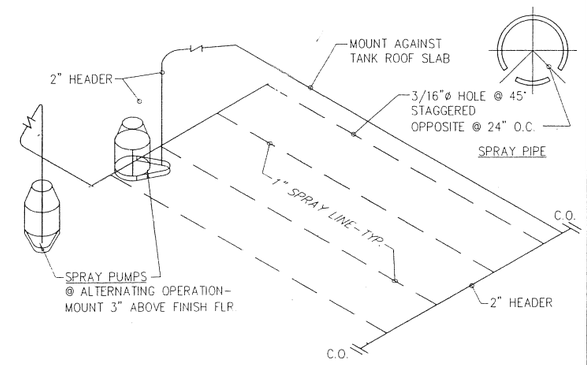


NOTE: DIMENSIONS SHOWN ARE ALL INSIDE

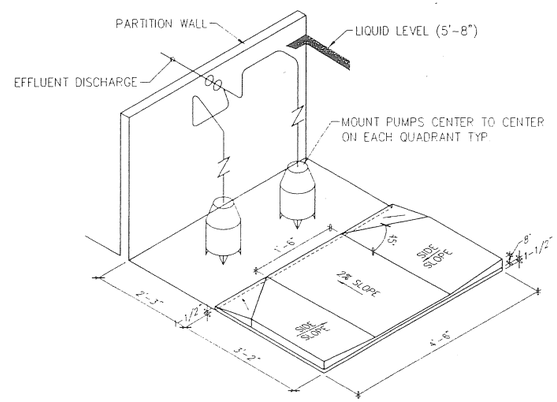
C P-3 FRONT END SECTION "B-B" - 1500 GALS
SCALE: 1/2" = 1'-0"



E P-3 ISOMETRIC DETAIL
SCALE: 1/2"" = 1'-0"



F P-3 SPRAY SYSTEM ISOMETRIC - 1500 GALS.
NOT TO SCALE



G P-3 PRIMARY CHAMBER SLOPING DETAIL & GRINDER PUMP LOCATION
NOT TO SCALE

D P-3 NOT IN USE
NOT TO SCALE

01/08/2008

1500 GALS. MULTICEPTOR (USING UTILITY VAULT 4686 GA IAPMO LISTED)
MODEL MCWIS 1500 (WASTE INTERCEPTOR SYSTEM)

P-3

Revision

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