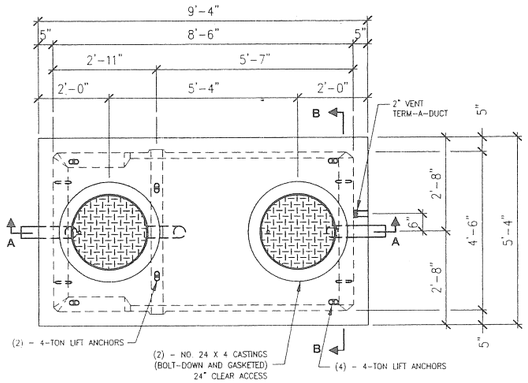
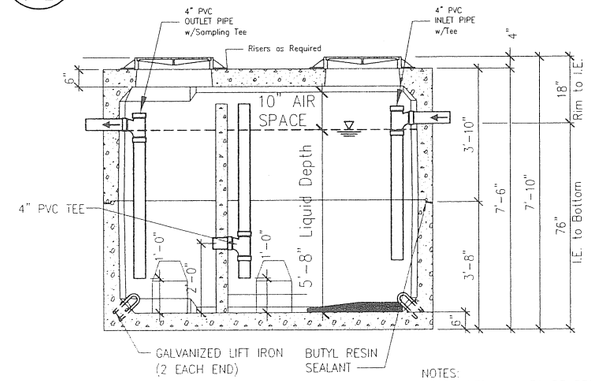
UTILITY VAULT for MULTI-CEPTOR				IAPMO LISTED		
				GROSS	Inside Net	Cap CF
Nominal Capacity	1500G	Dimension=	Length	9'-4"	8'-6"	
Wall Thickness=	5"		Width	5'-4"	4'-6"	
Liquid Depth=	5'-8"		Height	7'-6"	6'-6"	216.8775
					Gallons=	1622.244
MULTICEPTOR Requirements Volume Displacements Deductions:						
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-2 PLAN VIEW - 1500 GALS

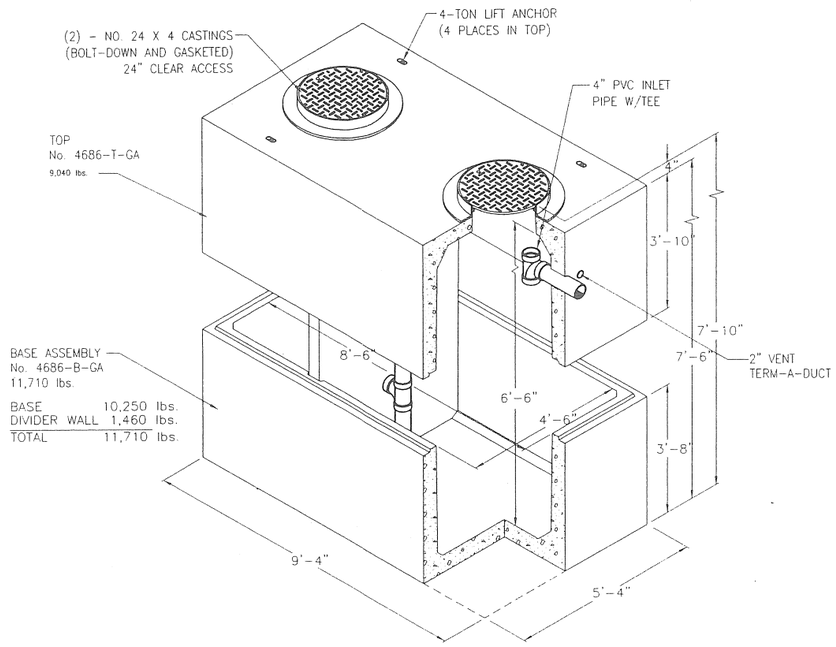
SCALE: 1/2" = 1'-0"



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.

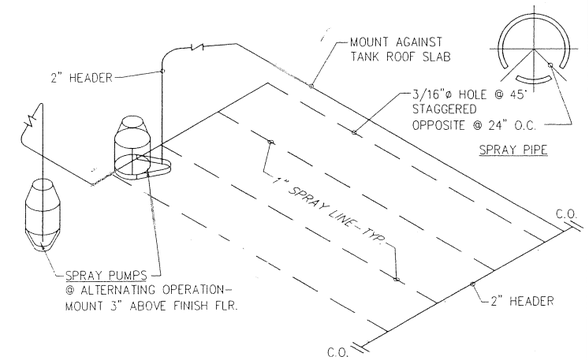
B P-2 SECTION "A-A" 1500 GALS

SCALE: 1/2" = 1'-0"



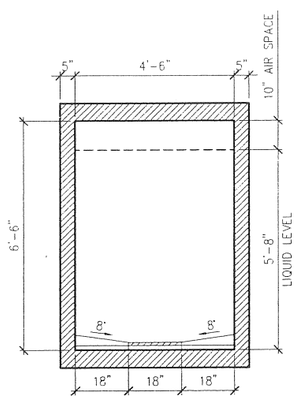
E P-2 ISOMETRIC DETAIL

SCALE: 1/2"" = 1'-0"



F P-2 SPRAY SYSTEM ISOMETRIC - 1500 GALS.

NOT TO SCALE



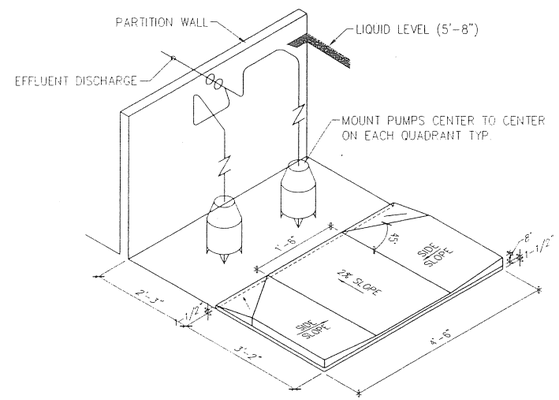
NOTE: DIMENSIONS SHOWN ARE ALL INSIDE

C P-2 FRONT END SECTION "B-B" - 1500 GALS

SCALE: 1/2" = 1'-0"

D P-2 NOT IN USE

NOT TO SCALE



G P-2 PRIMARY CHAMBER SLOPING DETAIL & GRINDER PUMP LOCATION

NOT TO SCALE

Revision

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE, I BELIEVE IT COMPLIES WITH THE LAWS OF THE STATE OF NEVADA. I UNDERSTAND THAT I HAVE ACCEPTED RESPONSIBILITY FOR THIS WORK AS SHOWN BY MY SEAL AND SIGNATURE.

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01/08/2008

1500 GALS. MULTICEPTOR (USING UTILITY VAULT 4686 GA IAPMO LISTED)
MODEL MCGI 1500 (GREASE INTERCEPTOR)

P-2