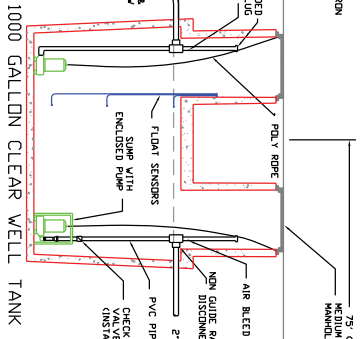
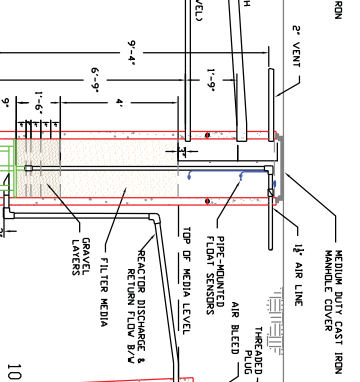
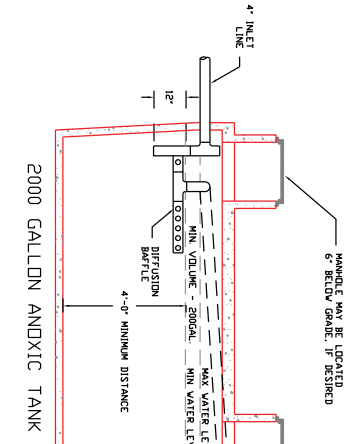


NOTE: WATER TIGHT BOOT (SEE DETAIL) IS TYPICAL FOR ALL TANK PENETRATIONS NOT BY FRMA

- PIPING AND CONDUIT NOTES:
1. ALL INTERNAL PIPING SUPPLIED BY FRMA AND INSTALLED BY OTHERS
 2. ALL EXTERNAL PIPING AND CONDUIT SUPPLIED AND INSTALLED BY OTHERS.
 3. ELECTRICAL PENETRATIONS INTO TANKS MUST BE SEALED TO PREVENT CORROSIVE GASES FROM ENTERING CONTROL PANEL.

- GENERAL NOTES:
1. TANKS ARE 4000 PSI CONCRETE-STEEL REINFORCED.
 2. CONCRETE CONFORMS TO ACI 318-16-4.5.1 AND ACI 318-16-4.5.2.
 3. TANKS ARE TO BE APPROVED FOR USE IN F. R. MAHONY AMPHIDROME SYSTEMS
 4. APPROVED TANK SUPPLIERS LISTED ON THIS DRAWING.
 5. TANKS ARE NOT PROVIDED BY F. R. MAHONY (FRMA)
 6. TOP OF REACTOR IS LOCATED AT FINISHED GRADE. ANOXIC TANK DEPTH SHOULD BE COORDINATED WITH REACTOR INLET
 7. BLOWERS AND CONTROL PANEL MUST BE LOCATED IN A WEATHER-PROOF ENCLOSURE. (SEE NOTE THIS SHEET)
 8. BLOWERS MUST BE LOCATED AT AN ELEVATION HIGHER THAN THE TOP OF THE REACTOR
 9. BELOW-GRADE JUNCTION BOXES MUST BE LOCATED AT LEAST 18" ABOVE GRADE -
 10. VENT PIPING MUST HAVE CONTINUOUS SLOPE TO LEACHING FACILITY



FRMA APPROVED TANK SUPPLIERS:

1. MERSHON CONCRETE, BORDENTOWN, NJ
2. SCITUATE RAY PRECAST, MARSHFIELD, MA

Rev.	Date:	By:	Description:
6	02/28/11	ARM	Renumber parts and revise

Dwg:	Drawing 1	AMPHIDROME @ SINGLE FAMILY LAYOUT
Rev:	6 (02-28-2011)	
Drawn By:	ADW / ARM	APP'd by:
Scale:	N.T.S.	Date:
F. R. MAHONY & ASSOCIATES, INC.		
Water Supply & Pollution Control Equipment / 02320		
223 Magnolia Street, Scituate, Massachusetts 02576		