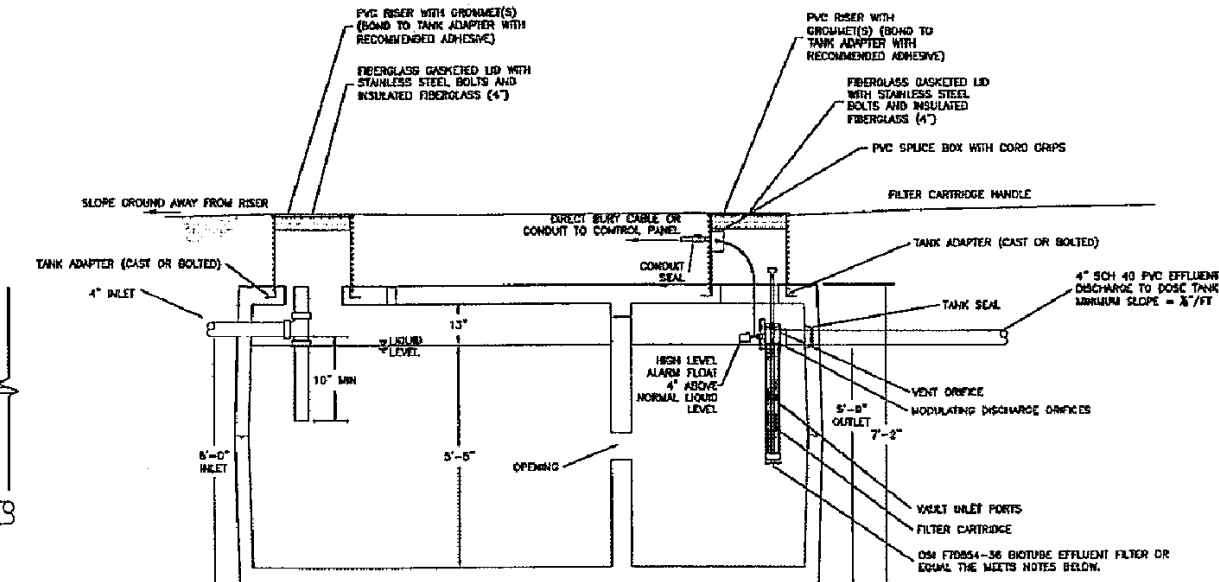
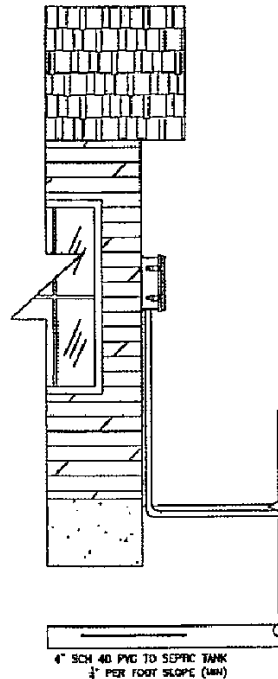


NOT IN CONTRACT

COMPONENTS ON THIS SHEET ARE TO DEMONSTRATE THE HOMEOWNERS REQUIREMENTS FOR SEWER STEP SYSTEM. INSTALLING CONTRACTOR SHALL OBTAIN A MADISON COUNTY SEPTIC SYSTEM PERMIT PRIOR TO INSTALLATION.

NOTES:

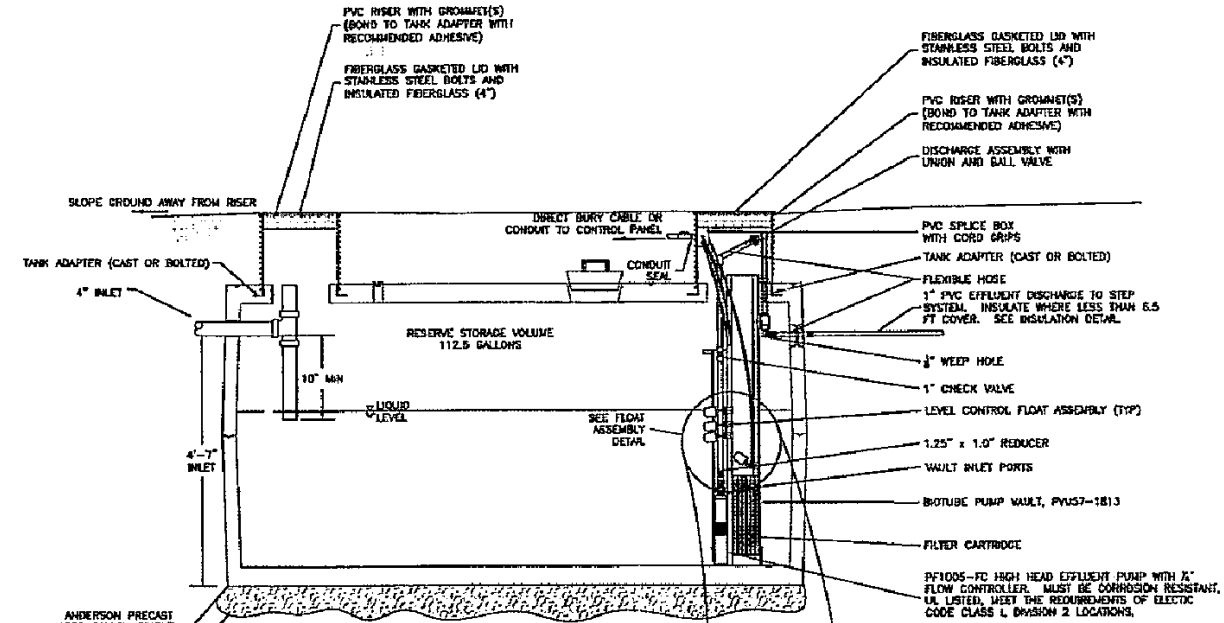
1. MAINTAIN MINIMUM 10' SEPARATION BETWEEN SEPTIC TANK/DOSING TANK AND STRUCTURES
2. MAINTAIN MINIMUM 50 FEET FROM SEPTIC/DOSING TANK AND WELLS
3. DOSE PUMP SHALL BE DESIGNED BY AN ENGINEER, WITH A MINIMUM OF 3 FLOATS: PUMP OFF, PUMP ON, AND HIGH WATER ALARM.
4. MAINTAIN MINIMUM 50 FEET SEPARATION BETWEEN SEPTIC TANK/DOSING TANK AND SURFACE WATER AND/OR WETLANDS



2000 GALLON DOUBLE COMPARTMENT SEPTIC TANK

NOT TO SCALE

- EFFLUENT FILTER:**
- 1) EFFECTIVE OPENING NO GREATER THAN 1/8"
 - 2) MIN CLEAR WATER FLOWRATE OF 4.2 GPM
 - 3) PREVENT SOLIDS > 1/8" FROM PASSING THROUGH
 - 4) ALL EFFLUENT MUST GO THROUGH THE FILTER
 - 5) HIGH WATER ALARM MUST BE PROVIDED
 - 6) FILTER HANDLE TO EXTEND TO GROUND SURFACE
 - 7) MUST HAVE PROCESS CONTROLLED FILTER OPENINGS
 - 8) FILTER MATERIAL MUST BE CORROSION RESISTANT
 - 9) FILTER MUST MEET ANSI/NSF STANDARD 45
 - 10) OSM MANUAL MUST BE PROVIDED

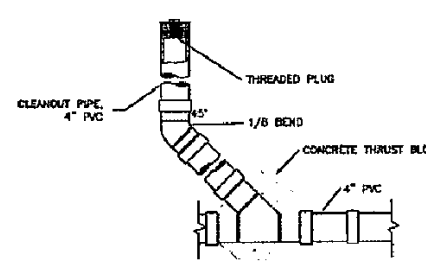


1000 GALLON DOSING TANK

NOT TO SCALE

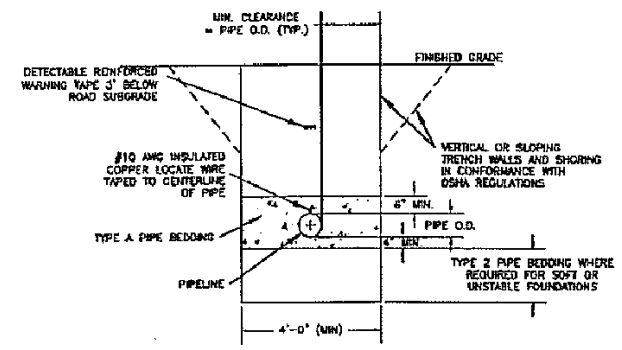
- EFFLUENT FILTER:**
- 1) EFFECTIVE OPENING NO GREATER THAN 1/8"
 - 2) MIN CLEAR WATER FLOWRATE OF 4.2 GPM
 - 3) PREVENT SOLIDS > 1/8" FROM PASSING THROUGH
 - 4) ALL EFFLUENT MUST GO THROUGH THE FILTER
 - 5) HIGH WATER ALARM MUST BE PROVIDED
 - 6) FILTER HANDLE TO EXTEND TO GROUND SURFACE
 - 7) MUST HAVE PROCESS CONTROLLED FILTER OPENINGS
 - 8) FILTER MATERIAL MUST BE CORROSION RESISTANT
 - 9) FILTER MUST MEET ANSI/NSF STANDARD 45
 - 10) OSM MANUAL MUST BE PROVIDED

NOTE: INSTALL CLEANOUT WITHIN 3 FEET OF SERVICE EXITTING THE BUILDING.



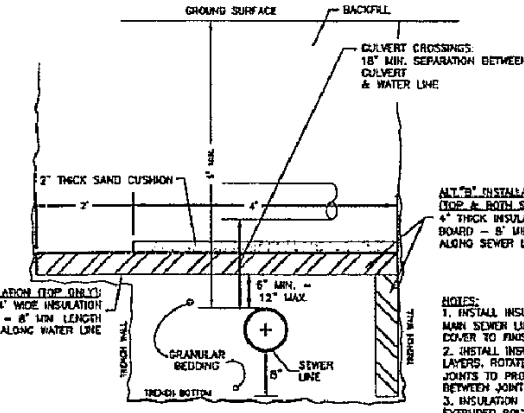
CLEANOUT DETAIL

NOT TO SCALE



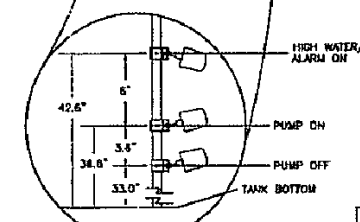
TYPICAL SECTION - SINGLE PIPE TRENCH DETAIL

NOT TO SCALE



PIPE INSULATION DETAIL

PROFILE NOT TO SCALE



FLOAT DETAIL

NOT TO SCALE

TABLE D-1-1

LOT #	SPECIFIED EFFLUENT PUMP	MAX (GPM)	MAX (INCHES)
37	ORCEND HIGH HEAD PF1005-FC	11.4	29.8
45	ORCEND HIGH HEAD PF1005-FC	10.2	74.0
46	ORCEND HIGH HEAD PF1005-FC	11.0	43.8
47	ORCEND HIGH HEAD PF1005-FC	11.7	17.4

DETAIL NO.: **BSWSD: 27-17**

BIG SKY WSD 363 STANDARD DRAWING

SCALE: NONE

SPANISH PEAKS "STEP" INSTALLATION PLAN SHEET-PHASE 2

DATE: JUNE 2010

LAST REVISION: JUNE 7, 2010

CROSS REFERENCE WITH: N/A