

**NOT IN CONTRACT**

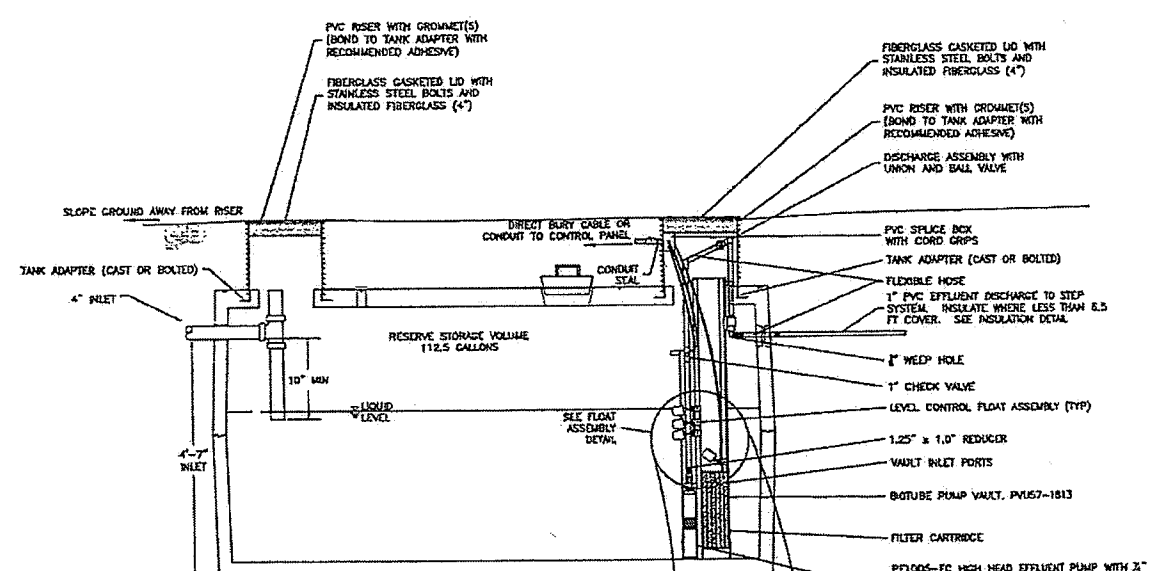
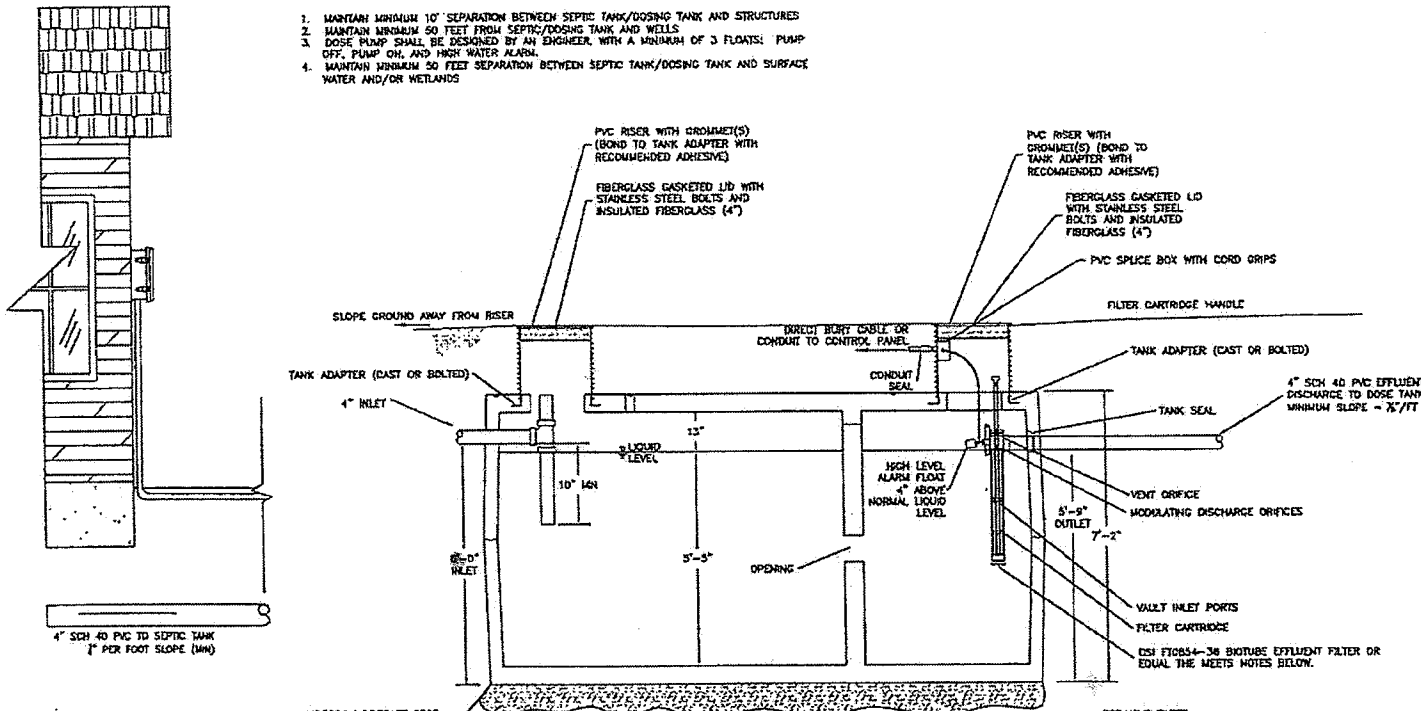
COMPONENTS ON THIS SHEET ARE TO DEMONSTRATE THE HOMEOWNERS REQUIREMENTS FOR SEWER STEP SYSTEM. INSTALLING CONTRACTOR SHALL OBTAIN A MADISON COUNTY SEPTIC SYSTEM PERMIT PRIOR TO INSTALLATION.

**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

**RECEIVED**

JUN 19 2008  
MT DEQ PUBLIC WATER & SUBDIVISIONS BUREAU



APPROVED  
Montana Department of  
Environmental Quality  
Permitting and Compliance Division  
Gore P. Kyjans 8-13-08  
Reviewer Date

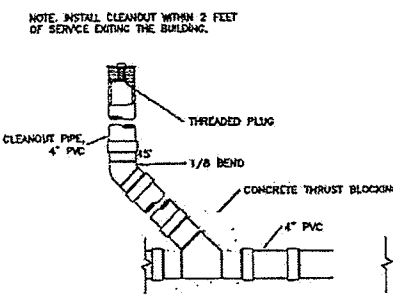
EX# 08-2990  
PAGE 4 of 4

- 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/ISO STANDARD 48
  - 10) O&M MANUAL MUST BE PROVIDED

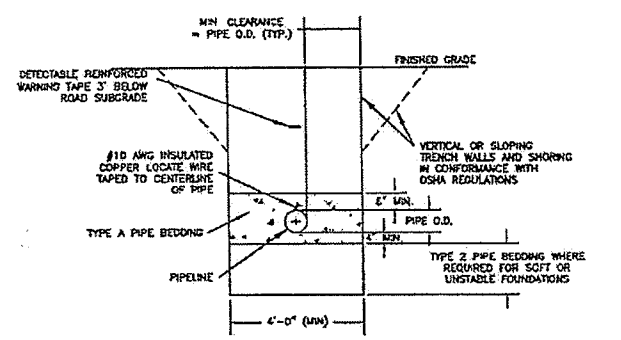
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**TABLE D-1-1**

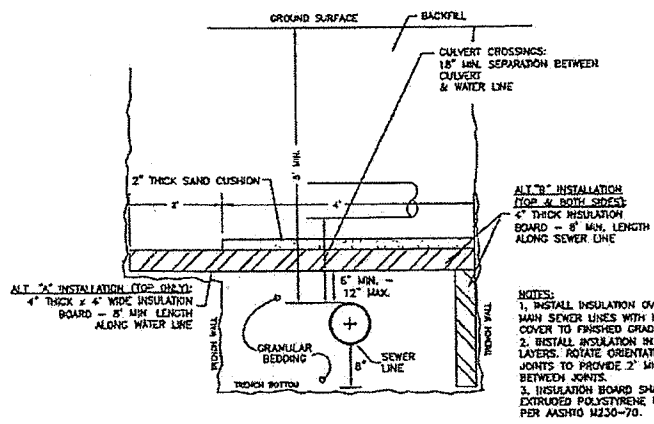
LOT #	SPECIFIED EFFLUENT PUMP	MAX O (FEET)	MAX TH (FEET)
23	ORNDORF HIGH HEAD PF1005-FC	11.5	27.3
24	ORNDORF HIGH HEAD PF1005-FC	10.5	52.8
25	ORNDORF HIGH HEAD PF1005-FC	10.3	58.7
26	ORNDORF HIGH HEAD PF1005-FC	10.9	49.0
33	ORNDORF HIGH HEAD PF1005-FC	11.5	26.3
54	ORNDORF HIGH HEAD PF1005-FC	11.1	41.5
55	ORNDORF HIGH HEAD PF1005-FC	10.4	57.1
56	ORNDORF HIGH HEAD PF1005-FC	9.8	58.3
57	ORNDORF HIGH HEAD PF1005-FC	9.7	56.1
58	ORNDORF HIGH HEAD PF1005-FC	11.4	27.8
59	ORNDORF HIGH HEAD PF1005-FC	11.9	11.6



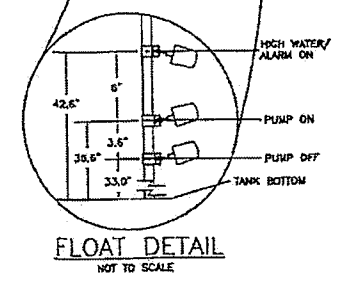
**CLEANOUT DETAIL**  
NOT TO SCALE



**TYPICAL SECTION - SINGLE PIPE TRENCH DETAIL**  
NOT TO SCALE



**PIPE INSULATION DETAIL**  
PROFILE NOT TO SCALE



**FLOAT DETAIL**  
NOT TO SCALE

**VERIFY SCALE!**  
THESE PRINTS MAY BE REDUCED. LINE BELOW MEASURES ONE INCH ON ORIGINAL DRAWING.

MODIFY SCALE ACCORDINGLY

REVISIONS				
NO	DESCRIPTION	DATE	BY	

**MORRISON MAIERLE, INC.**  
An Employee-Owned Company

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DRAWN BY: DRO  
CHKD. BY: JLH  
APPR. BY: MEG  
DATE: 5/2008  
G.A. REVIEW BY: JLH  
DATE: 5/2008

**SPANISH PEAKS RESORT SUBDIVISION, PHASE 1B & 1C**  
REWRITE FOR LOTS 23-26, 53-59

**BIG SKY**

PROJECT NUMBER: 3652.033-01  
SHEET NUMBER:  
DRAWING NUMBER: **D-1**