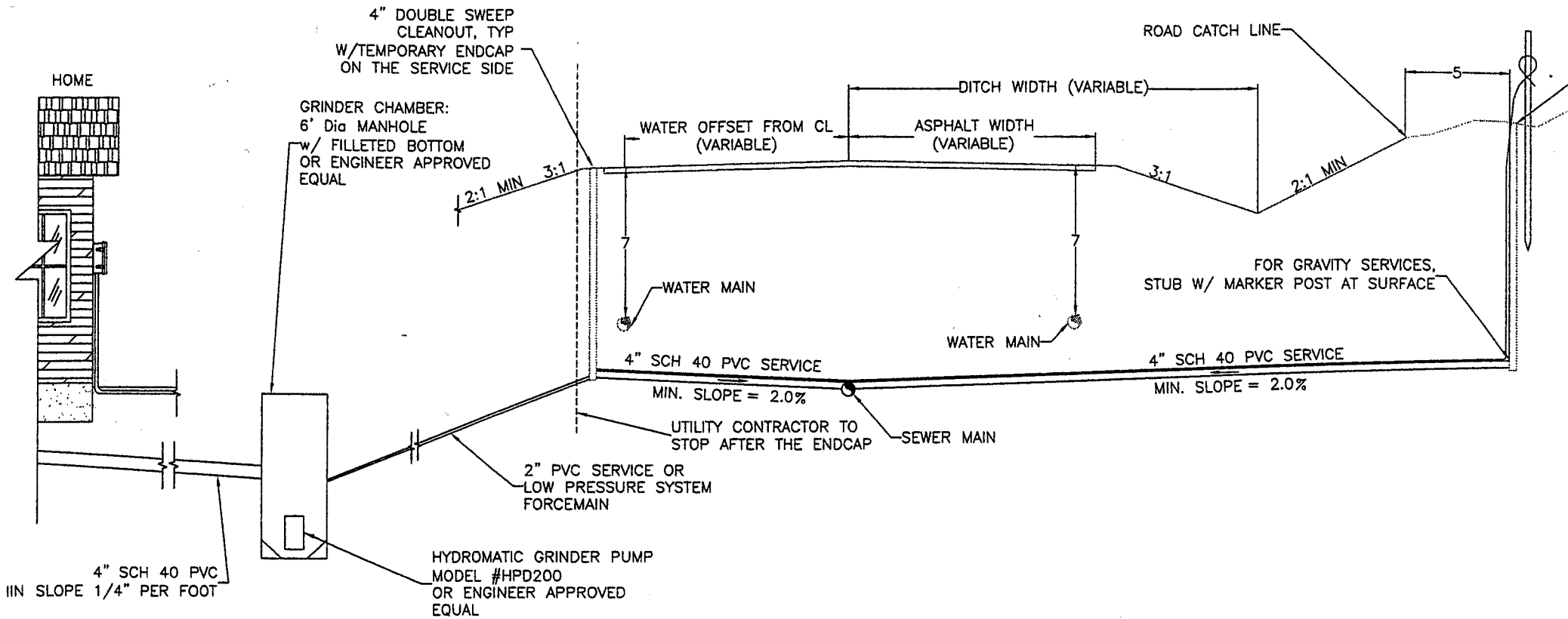




LEGEND
G - GRAVITY SVC
GP - GRINDER PUMP
LP - LOW PRESSURE (* SEE FINAL PLAT AMEND)

<p>MORRISON MAIERLE, INC. <small>AN EMPLOYEE-OWNED COMPANY</small> ENGINEERS SURVEYORS PLANNERS SINCE 1945</p>		<p>SPANISH PEAKS RESORT SWR SVC INDEX</p>	
<small>PO Box 1113, 951 Technology Blvd, Broomfield, CO 80020 • Phone (303) 587-0721 • Fax (303) 587-1170</small>		<small>CLIENT: SPANISH PEAKS RESORT</small>	
<small>FIELD WORK: MMI</small>	<small>DATE: 03/28/07</small>	<small>PLOTTED DATE: Mar/28/2007 - 12:11:08 pm</small>	
<small>DRAWN BY: MRP</small>	<small>SCALE: 1" = 300'</small>	<small>DRAWING NAME: H:\3652\001-ENG-2006\ACAD\EXHIBITS\SITE SWR SVC INDEX.dwg</small>	
<small>CHECKED BY: SBK</small>	<small>PROJ # 3652</small>	<small>SHEET 1 OF 1 PLOTTED BY: mpsud</small>	



1 TYPICAL SECTION—PRESSURIZED SEWER SERVICE (GP)
 D-3 SCALE: NTS (GP) AS INDICATED IN THE PLAN SHEET SERVICE TABLES

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.

VERIFY SCALE
 THESE PRINTS MAY BE MEASURED ONE INCH ON ORIGINAL DRAWING.
 MODIFY SCALE ACCORDINGLY



NO.	DESCRIPTION	DATE	BY
1	LOT REVISIONS	9/05	DC

ENGINEERS SURVEYORS PLANNERS SINCE 1945
MORRISON MAIERLE, INC.
 An Employer-Owned Company
 PO Box 1113, 901 Technology Blvd., Bozeman, MT 59711
 Phone: (406) 597-0721 Fax: (406) 597-1176
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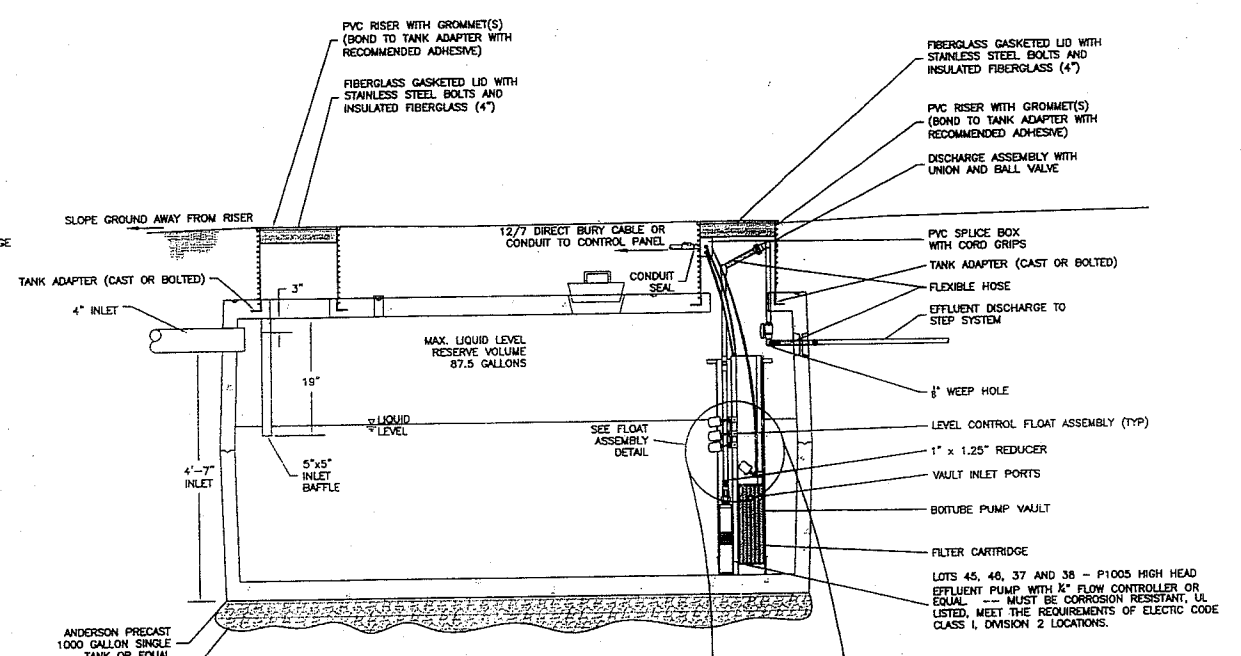
DRAWN BY: PZC
 CHK'D BY: DRD
 APPR. BY: JLD
 DATE: 2/7/2005
 O.A. REVIEW: JLD
 DATE:

SPANISH PEAKS RESORT, PHASE 2
 LOT 37, 38, 45, 46
 MONTANA
 BIG SKY
 INDIVIDUAL SEPTIC TANK/DOSE TANK DETAILS

PROJECT NO. 3652.024
 SHEET NUMBER
 DRAWING NUMBER D-1

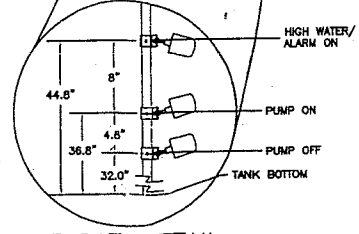
TYPICAL DOSE TANK
 FOR ALL LOTS

1. MAINTAIN MINIMUM 10' SEPARATION BETWEEN SEPTIC TANK/DOSE TANK AND STRUCTURES
2. MAINTAIN MINIMUM 50 FEET FROM SEPTIC 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/DOSE TANK AND SURFACE WATER AND/OR WETLANDS



1000 GALLON DOSING TANK
 NOT TO SCALE

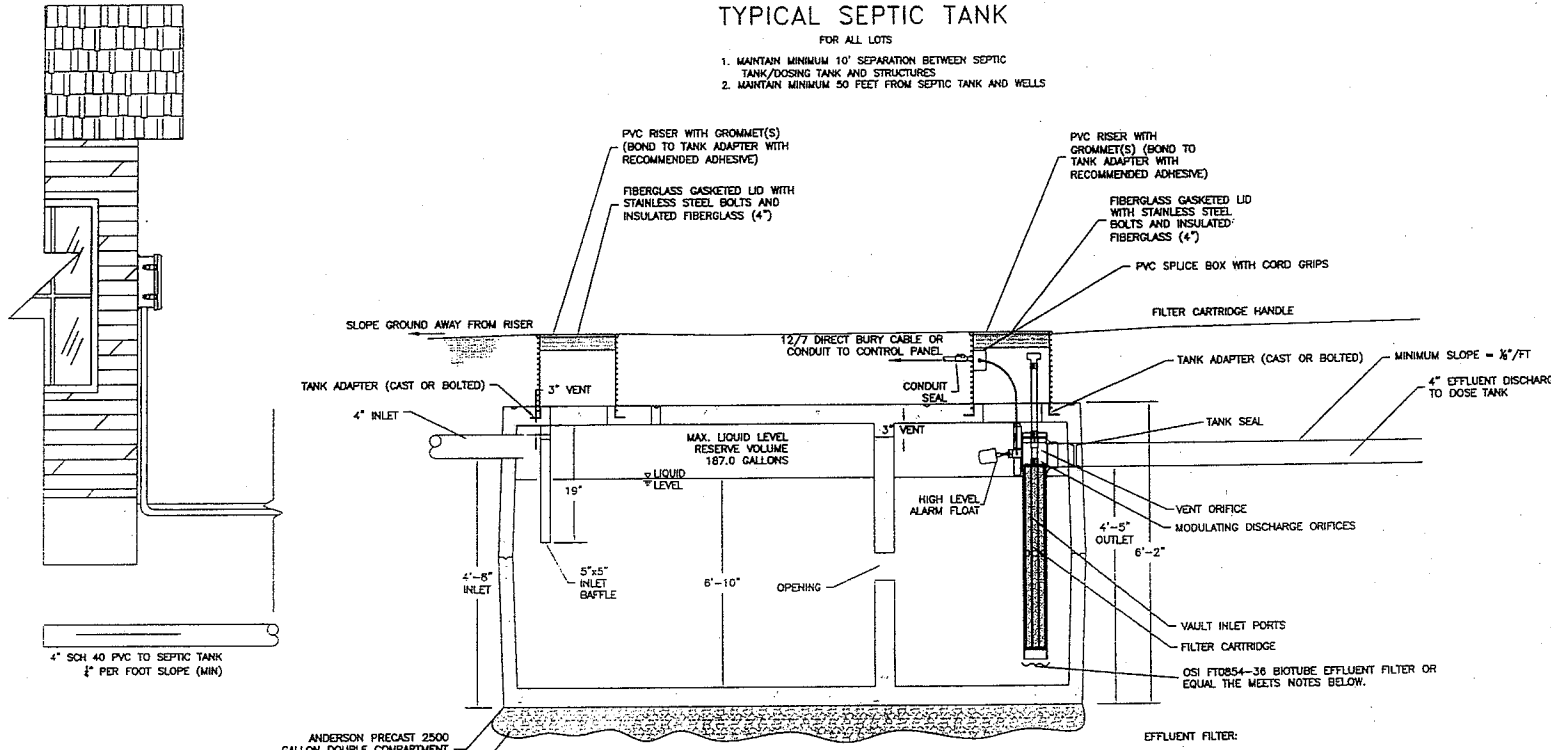
- EFFLUENT FILTER:
- 1) EFFECTIVE OPENING NO GREATER THAN 1/8"
 - 2) MIN CLEAR WATER FLOWRATE OF 4.2 GPM
 - 3) PREVENT SOLIDS > 1/8" FROM PASSING THROUGH
 - 4) ALL EFFLUENT MUST GO THROUGH THE FILTER
 - 5) HIGH WATER ALARM MUST BE PROVIDED
 - 6) FILTER HANDLE TO EXTEND TO GROUND SURFACE
 - 7) MUST HAVE PROCESS CONTROLLED FILTER OPENINGS
 - 8) FILTER MATERIAL MUST BE CORROSION RESISTANT
 - 9) FILTER MUST MEET ANSI/NSF STANDARD 48
 - 10) O&M MANUAL MUST BE PROVIDED



FLOAT DETAIL
 NOT TO SCALE
 LOTS 45, 46, 37 AND 38

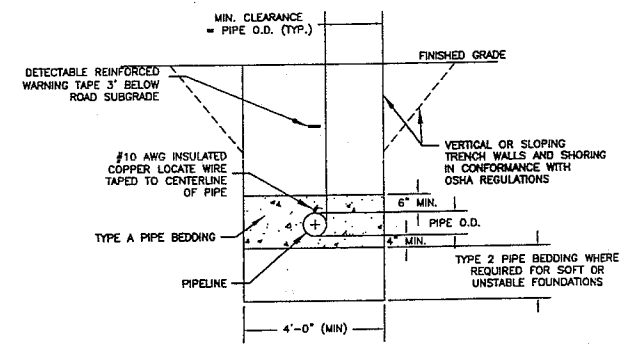
TYPICAL SEPTIC TANK
 FOR ALL LOTS

1. MAINTAIN MINIMUM 10' SEPARATION BETWEEN SEPTIC TANK/DOSE TANK AND STRUCTURES
2. MAINTAIN MINIMUM 50 FEET FROM SEPTIC TANK AND WELLS

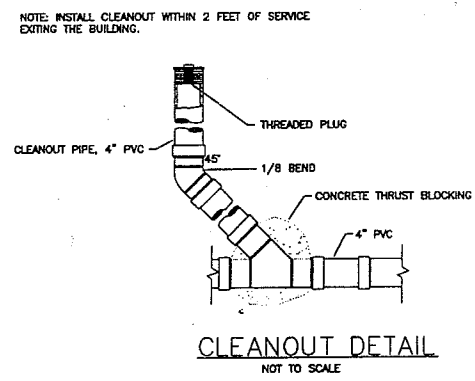


2500 GALLON DOUBLE COMPARTMENT SEPTIC TANK
 NOT TO SCALE

- 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 48
 - 10) O&M MANUAL MUST BE PROVIDED



TYPICAL SECTION - SINGLE PIPE TRENCH DETAIL
 NOT TO SCALE



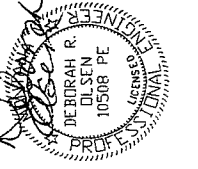
CLEANOUT DETAIL
 NOT TO SCALE

NOTE: INSTALL CLEANOUT WITHIN 2 FEET OF SERVICE EXITTING THE BUILDING.

H:\3652\024\REWRITE\0-4.dwg - dolson: Mor/01/2005 - 10:23:46 am

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.

VERIFY SCALE! THESE PRINTS MAY BE REDUCED. MEASURE ONE INCH ON ORIGINAL DRAWING.
 ACCURACY SCALE ACCORDINGLY



NO.	DATE	DESCRIPTION
1	9/05	LOT REVISIONS

ENGINEERS
 SCIENTISTS
 SURVEYORS
 PLANNERS
 SINCE 1945

MORRISON MAIERLE, INC.
 An Employee-Owned Company
 90 Box 1113, 801 Technology Blvd., Bozeman, MT 59711
 Phone: (406) 597-0721 Fax: (406) 597-1176
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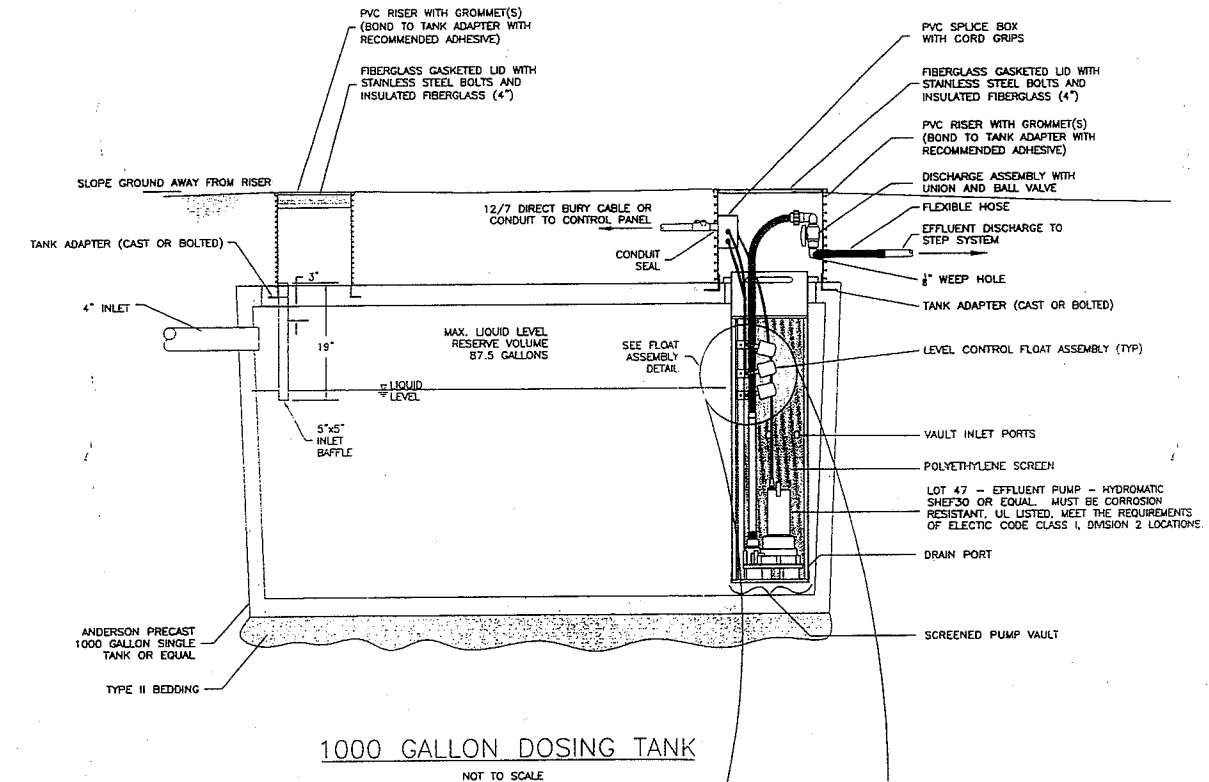
DRAWN BY: BZC
 CHK'D BY: DRO
 APPR. BY: [Signature]
 DATE: 2/7/2006
 BY: G.A. REVIEW JLT
 DATE:

SPANISH PEAKS RESORT, PHASE 2
 LOT 47
 MONTANA
 BIG SKY
 INDIVIDUAL SEPTIC TANK/DOSE TANK DETAILS

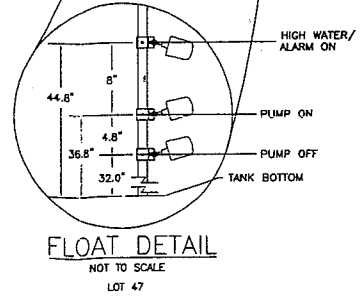
PROJECT NO.
 3652.024
 SHEET NUMBER
 DRAWING NUMBER
 D-2

TYPICAL DOSE TANK
 FOR ALL LOTS

1. MAINTAIN MINIMUM 10' SEPARATION BETWEEN SEPTIC TANK/DOSE TANK AND STRUCTURES
2. MAINTAIN MINIMUM 50 FEET FROM SEPTIC 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/DOSE TANK AND SURFACE WATER AND/OR WETLANDS



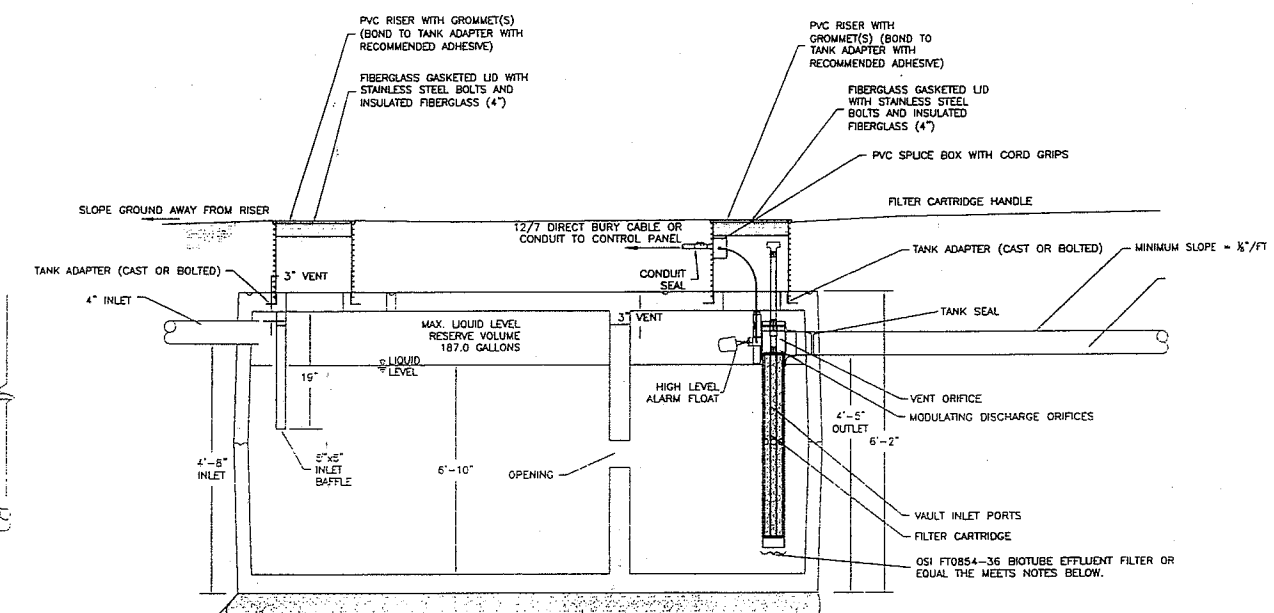
1000 GALLON DOSING TANK
 NOT TO SCALE



FLOAT DETAIL
 NOT TO SCALE
 LOT 47

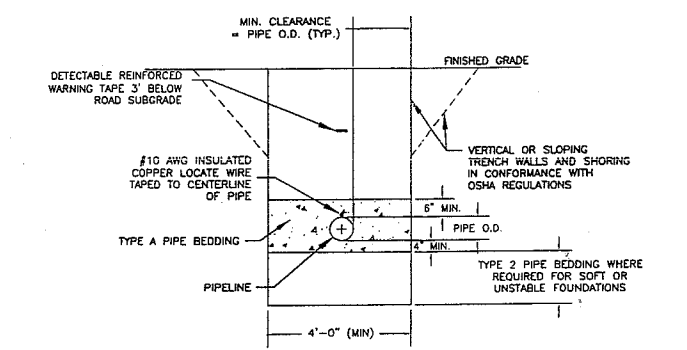
TYPICAL SEPTIC TANK
 FOR ALL LOTS

1. MAINTAIN MINIMUM 10' SEPARATION BETWEEN SEPTIC TANK/DOSE TANK AND STRUCTURES
2. MAINTAIN MINIMUM 50 FEET FROM SEPTIC TANK AND WELLS



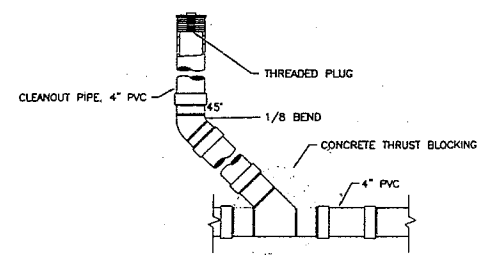
2500 GALLON DOUBLE COMPARTMENT SEPTIC TANK
 NOT TO SCALE

- 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 46
 - 10) O&M MANUAL MUST BE PROVIDED

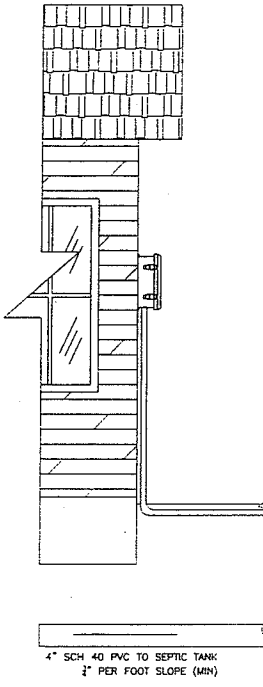


TYPICAL SECTION - SINGLE PIPE TRENCH DETAIL
 NOT TO SCALE

NOTE: INSTALL CLEANOUT WITHIN 2 FEET OF SERVICE EXITING THE BUILDING.



CLEANOUT DETAIL
 NOT TO SCALE



4" SCH 40 PVC TO SEPTIC TANK
 1/2" PER FOOT SLOPE (MIN)

H:\3652.024\REWRITE_D-4.dwg - dolson: Mar/01/2006 - 10:24:05 am