

STATE OF VERMONT MOUND SAND SPECIFICATIONS

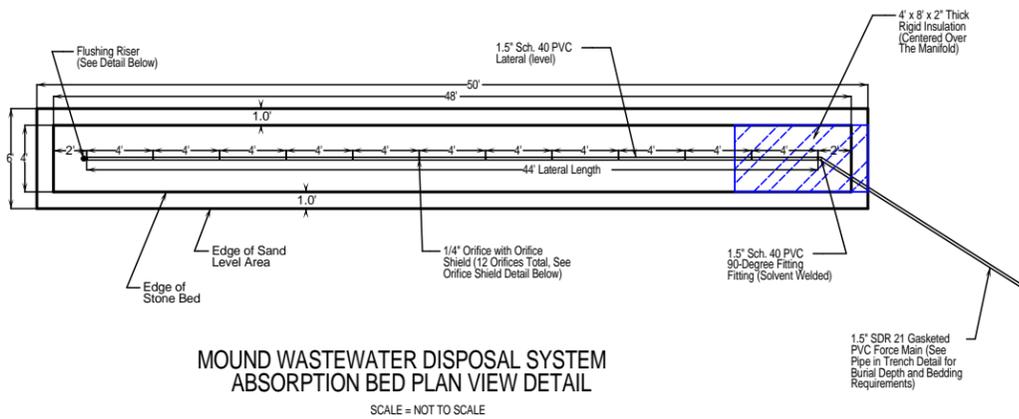
(c) Fill Material: The fill material from the natural soil plowed surface to the top of the trench or bed shall be clean washed silica sand meeting one of the following sieve requirements:

Sieve Number	Opening (mm)	Percent Passing, by Weight
(1) 3/8	9.500	85 - 100
40	0.420	25 - 75
60	0.240	0 - 30
100	0.149	0 - 10
200	0.074	0 - 5

Sieve Number	Opening (mm)	Percent Passing, by Weight
(2) 4	4.750	95 - 100
8	2.380	80 - 100
16	1.190	50 - 85
30	0.590	25 - 60
50	0.297	10 - 30
100	0.149	2 - 10

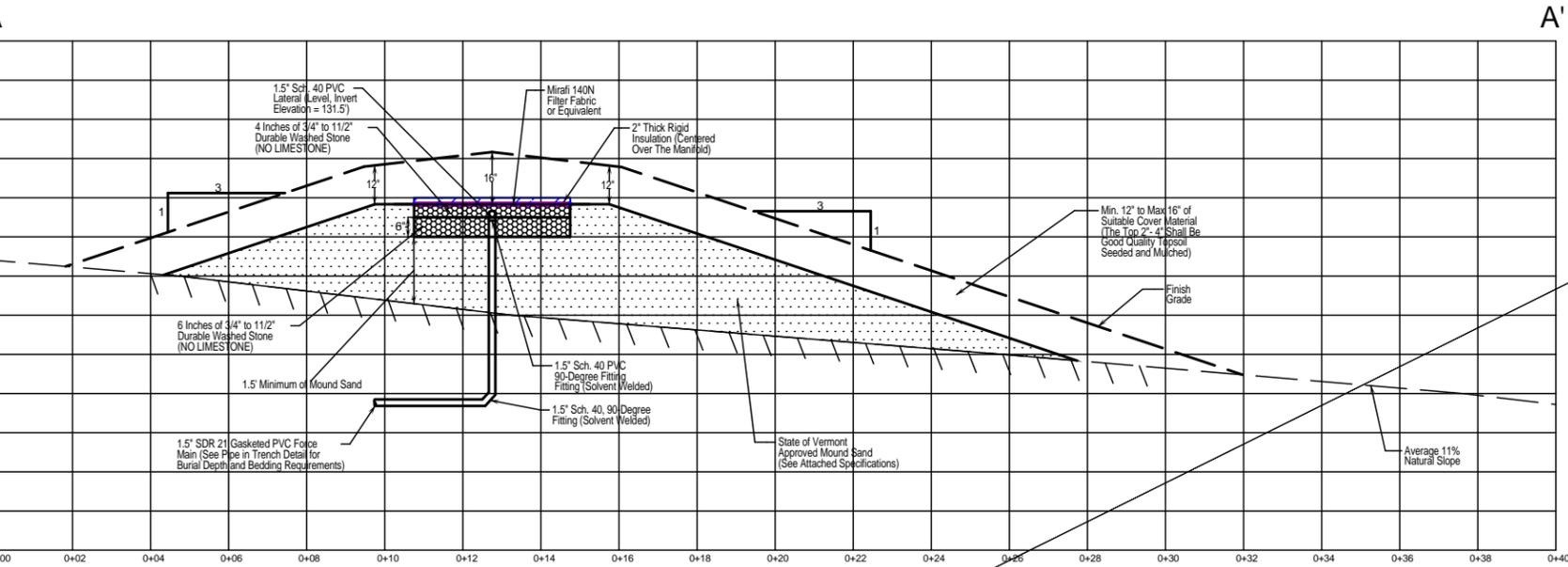
Sieve Number	Opening (mm)	Percent Passing, by Weight
(3) 3/8	2.000	85 - 100
40	0.420	30 - 50
200	0.074	0 - 5

The material must meet the specifications 1, 2, or 3 above. Interpolation of analyses is not permitted. Fill material 2 is ASTM Specification C-33 and is intended for manufactured material.



MOUND WASTEWATER DISPOSAL SYSTEM ABSORPTION BED PLAN VIEW DETAIL

SCALE = NOT TO SCALE

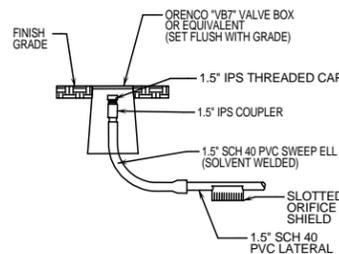


MOUND WASTEWATER DISPOSAL SYSTEM SECTION

VERTICAL SCALE = NOT TO SCALE  
HORIZONTAL SCALE = NOT TO SCALE

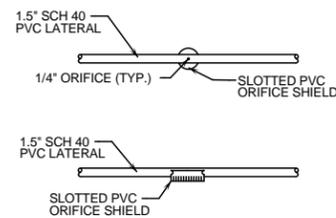
WASTEWATER DISPOSAL SYSTEM CONSTRUCTION AND MAINTENANCE NOTES

- THE WASTEWATER DISPOSAL SYSTEM LOCATION SHALL BE STAKED OUT BY THE DESIGNER PRIOR TO START OF CONSTRUCTION.
- ATTACHED MOUND SYSTEM CONSTRUCTION INSTRUCTIONS SHALL BE FOLLOWED DURING THE INSTALLATION OF THE REPLACEMENT MOUND-TYPE WASTEWATER SYSTEM.
- THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR INSPECTIONS OF THE SEPTIC TANK, PRE-TREATMENT SYSTEM, PLOWED LAYER, AND PLACEMENT OF THE MOUND SAND.
- THE DESIGNER SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE FOR A FLOW TEST OF THE MOUND SYSTEM'S PRESSURE DISTRIBUTION NETWORK.
- MOUND SYSTEM FINISH GRADES WILL VARY WITH NATURAL TOPOGRAPHY. PRIORITY IS TO MAINTAIN A 3 ON 1 MOUND TOE SLOPES.
- IN ACCORDANCE WITH STATE OF VERMONT EPRS, AN ANNUAL SERVICE AND MAINTENANCE CONTRACT RELATIVE TO THE AX20RTB ADVANCED TREATMENT SYSTEM SHALL BE IN PLACE AT ALL TIMES.
- FOLLOWING THE MOUND WASTEWATER SYSTEM INSTALLATION, FINISH GRADE SHALL BE SEEDDED WITH A CONSERVATION GRASS SEED MIX AND MULCHED.
- WATER SOFTENER BACKWASH, SEPTIC TANK ADDITIVES, GREASE OR SANITIZERS SHALL NOT BE INTRODUCED INTO THE WASTEWATER DISPOSAL SYSTEM.



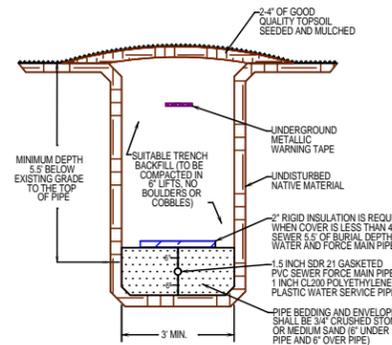
FLUSHING RISER DETAIL

NOT TO SCALE



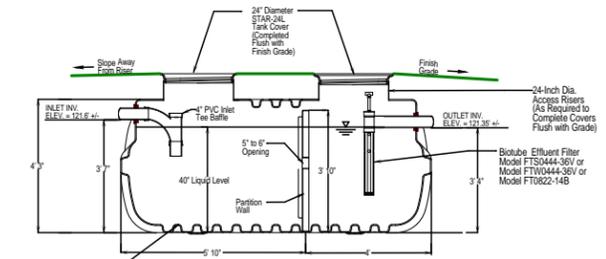
ORIFICE SHIELD DETAIL

NOT TO SCALE



GRASSED AREA PIPE IN TRENCH DETAIL

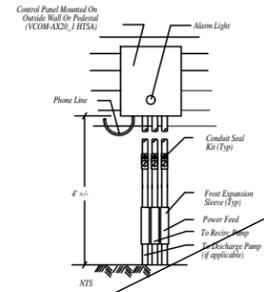
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1,000-GALLON PLASTIC SEPTIC TANK

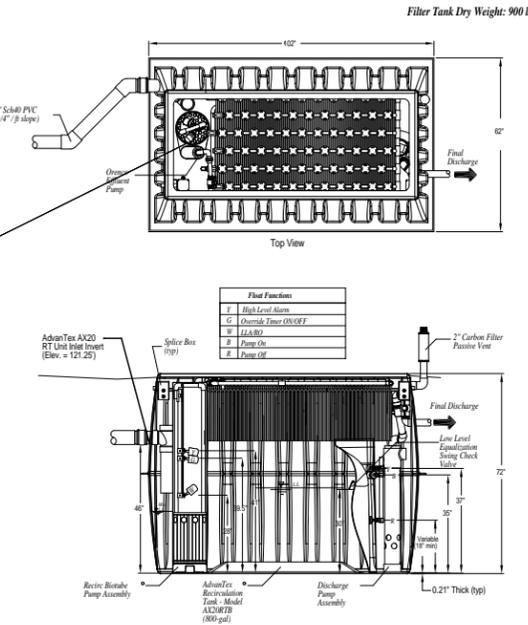
NOT TO SCALE

- NOTES:
- SEPTIC TANK SHALL BE A 1,000-GALLON PLASTIC SEPTIC TANK AS MANUFACTURED BY HOFFMANN LASCHE.
  - SEPTIC TANK SHALL BE SET LEVEL AND INSTALLED TO MANUFACTURERS SPECIFICATIONS.
  - AN INLET TEE Baffle IS REQUIRED.
  - INLET AND OUTLET PIPE PENETRATIONS TO BE SEALED USING WATER-PROOF SEALS.
  - BIO-TUBE EFFLUENT FILTER MODEL #FT50444-36V, #FTW0444-36V OR #FT0622-14B IS REQUIRED.
  - FRONT COMPARTMENT AND EFFLUENT FILTER ACCESS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.



Electrical Details & Notes

NOT TO SCALE



AX20RTB - Pump Discharge, 2-Comp. Recirculating Tank

NOT TO SCALE

<p>PERMITTING</p> <p>TITLE:</p> <p>REPLACEMENT WASTEWATER SYSTEM DETAILS AND NOTES</p>		<p>4400 VT Route 17 Starksboro, VT 05487</p> <p>Telephone: (802) 453-2597 Fax number: (802) 453-8497 E-mail: jbsitetech@hotmail.com</p>	
<p>SIGNATURE:</p> <p>JASON S. BARNARD LICENSED DESIGNER #430-B</p>		<p>FREDERIC O. AND SHIRLEY J. SARGENT REPLACEMENT WASTEWATER DISPOSAL SYSTEM 210 FIELDS FARM ROAD CHARLOTTE, VERMONT</p>	
<p>DATE:</p> <p>AUGUST 8, 2014</p>		<p>REVISIONS:</p>	
<p>SCALE: AS NOTED</p>		<p>DRAWING NO</p> <p>2</p>	
<p>DRAWN BY: MJ</p>		<p>CHECKED BY: JB</p>	
<p>SHEET 2 OF 2</p>			