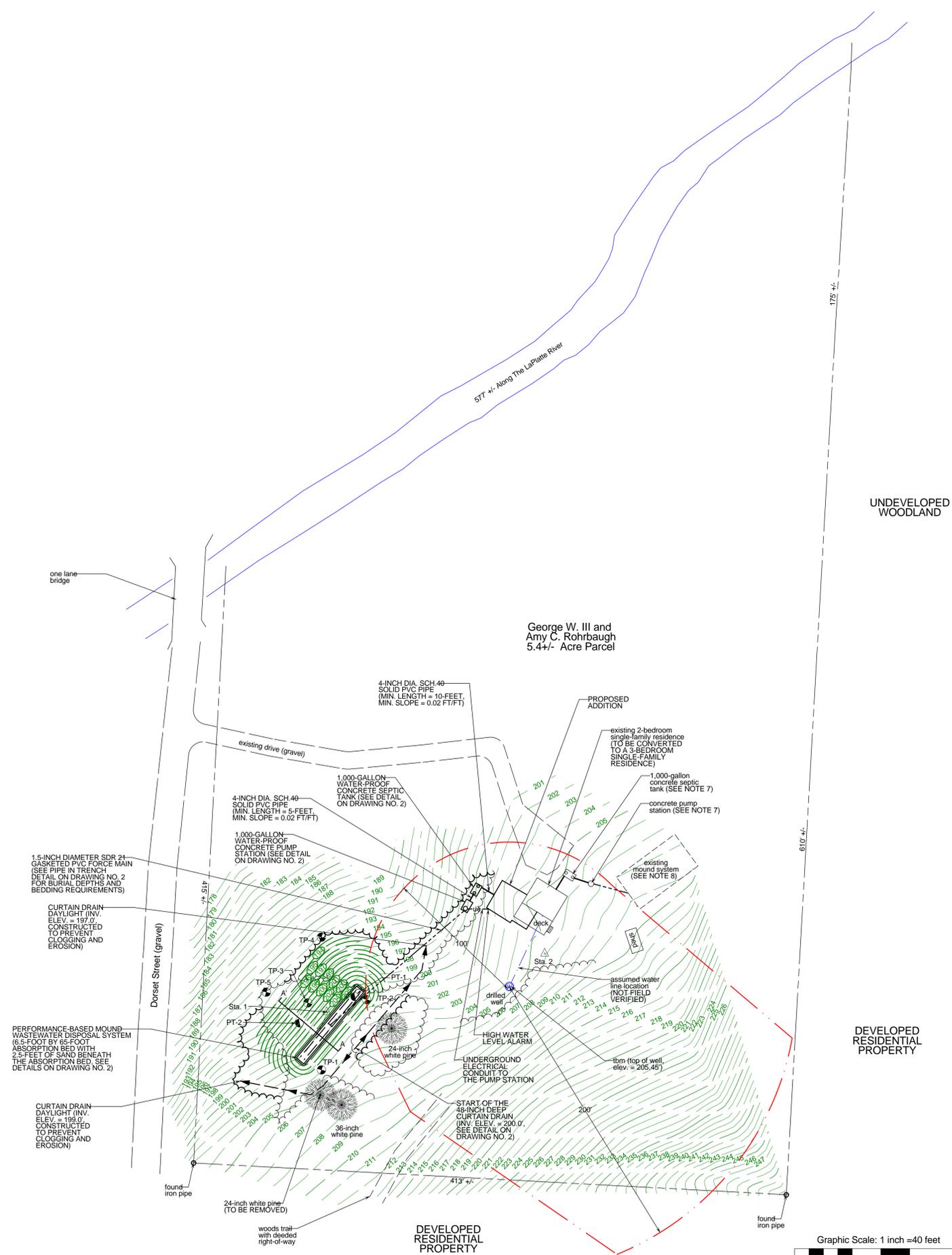


Project Location Map
Not to Scale



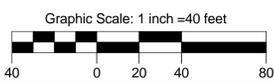
UNDEVELOPED WOODLAND

DEVELOPED RESIDENTIAL PROPERTY

LEGEND

| | |
|--|---|
| | Boundary Line/ROW |
| | Edge of Road (surface labeled) |
| | Edge of Drive (surface labeled) |
| | 1 Foot Ground Surface Contour |
| | Finish Grade |
| | Gravity Sewer |
| | 1-Inch Diameter Polyethylene Plastic Water Line |
| | Well Isolation |
| | Tree Line |
| | Proposed Limits of Clearing |
| | Utility Pole |
| | Traverse Station |
| | Temporary Bench Mark (type and elevation noted) |
| | Test Pit (TP-01) |
| | Percolation Test (PT-01) |

- PROJECT NOTES**
- THESE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY CONDUCTED BY JASON BARNARD CONSULTING, LLC ON APRIL 18, 2008.
 - ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 200.00' AT STATION NO. 1.
 - PROPERTY LINES ARE BASED ON PHYSICAL EVIDENCE FOUND DURING THE APRIL 18, 2008 TOPOGRAPHIC SURVEY AND A COPY OF A BOUNDARY SURVEY PLAT DATED 1966. NO WARRANTY IS MADE TO THE ACCURACY OF THE BOUNDARY LINES SHOWN HEREON. THIS IS NOT A BOUNDARY SURVEY.
 - FOR CLARITY, TEXT IDENTIFYING EXISTING ITEMS ARE LOWER CASE, AND TEXT IDENTIFYING PROPOSED ITEMS ARE UPPER CASE.
 - THE REPLACEMENT PERFORMANCE-BASED MOUND WASTEWATER DISPOSAL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES" DATED SEPTEMBER 29, 2007.
 - BASED ON PROVIDED INFORMATION, THE 5.4+- ACRE PARCEL WAS CREATED PRIOR TO 1969 AND WAS DEVELOPED WITH A SINGLE-FAMILY RESIDENCE IN 1983.
 - THE 1,000-GALLON CONCRETE SEPTIC TANK AND PUMP STATION SHALL BE PUMPED OUT AND PROPERLY ABANDONED BY BEING FILLED WITH MEDIUM SAND AND GRAVEL.
 - IF THE EXISTING MOUND SYSTEM IS REMOVED, THE MOUND SAND AND MOUND SYSTEM WASTEWATER PIPING SHALL BE PROPERLY DISPOSED OF AT A CERTIFIED LINED LANDFILL.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL HEALTH AND SAFETY ASPECTS ASSOCIATED WITH THE PROJECT.
 - ALL EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE OF VERMONT, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (VOSHA) GUIDELINES FOR TRENCH EXCAVATIONS.
 - THE SITE CONTRACTOR SHALL NOTIFY THE DIG SAFE NETWORK 72-HOURS PRIOR TO PERFORMING ANY EXCAVATING WORK AT THE SITE.
 - THERE WERE NO WASTEWATER DISPOSAL SYSTEMS IDENTIFIED WITHIN THE EXISTING DRILLED WELL ISOLATION SHIELD.



PERMITTING

TITLE:

SITE PLAN

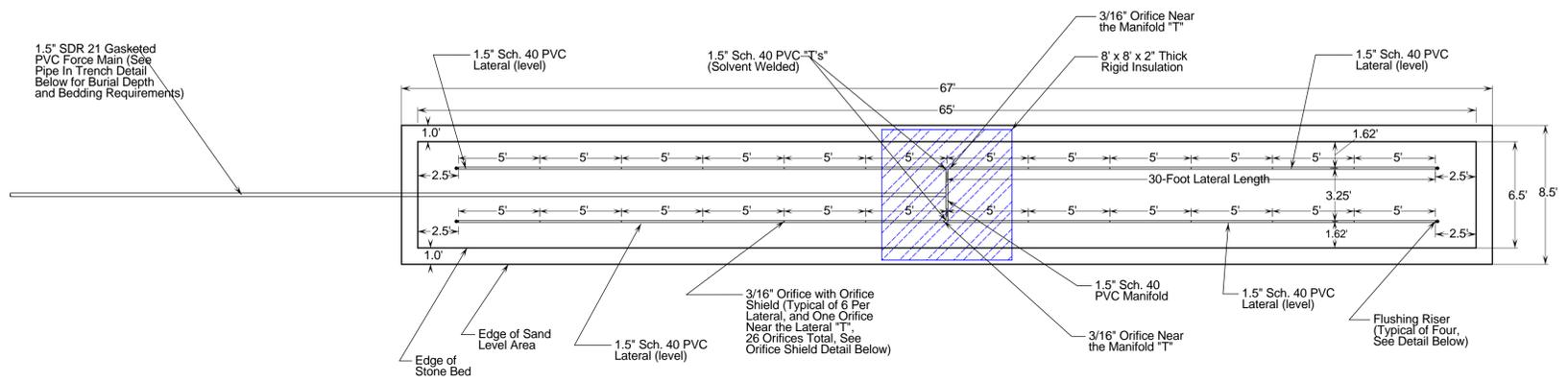
SIGNATURE:

JASON S. BARNARD
LICENSED DESIGNER #430-B

Jason Barnard Consulting, LLC
4400 VT Route 17
Starksboro, VT 05487
Telephone: (802) 453-2597
Fax number: (802) 453-8497
E-mail: jbsitotech@hotmail.com

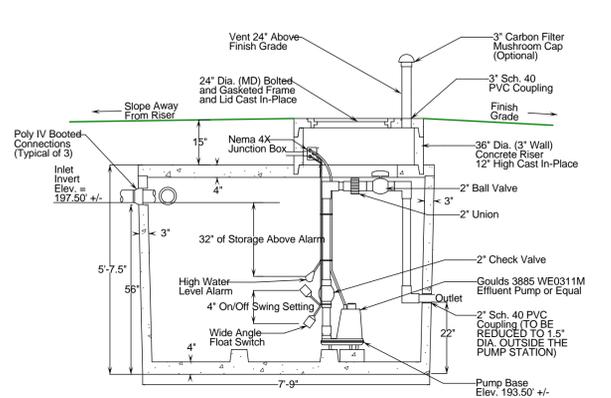
GEORGE W. AND AMY C. ROHRBAUGH REPLACEMENT WASTEWATER SYSTEM DESIGN
1627 DORSET STREET
CHARLOTTE, VERMONT

| | | |
|-------------------------|------------|-------------------------|
| DATE: APRIL 21, 2008 | REVISIONS: | DRAWING NO. 1 |
| SCALE: 1" = 40' | | SHEET 1 OF 2 |
| DRAWN BY: JB | | |



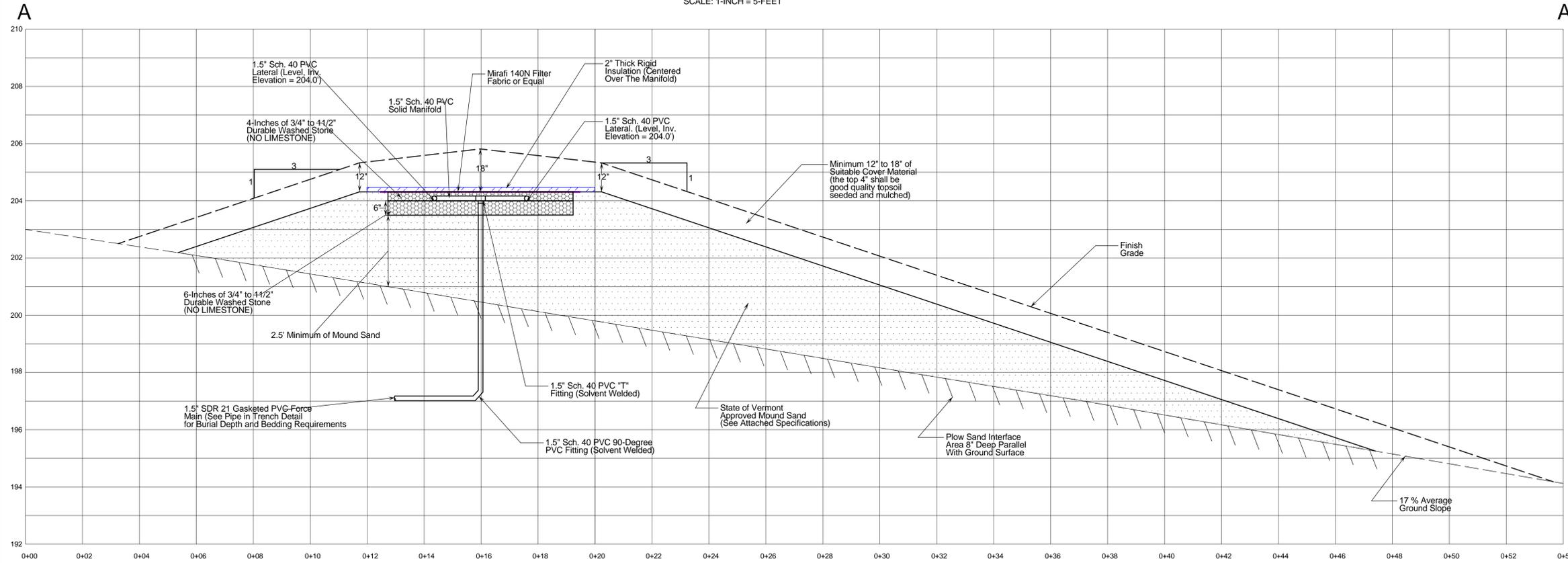
**MOUND WASTEWATER DISPOSAL SYSTEM
ABSORPTION BED PLAN VIEW DETAIL**

SCALE: 1-INCH = 5- FEET



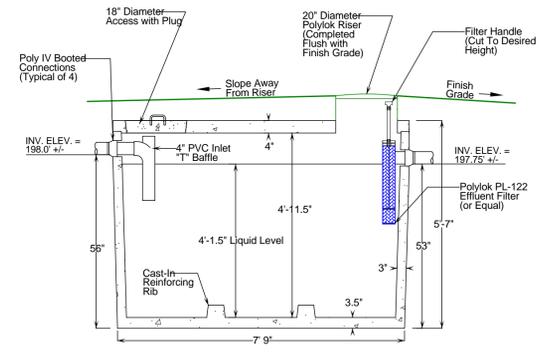
- NOTES:
1. PUMP STATION SHALL BE SET LEVEL ON A MINIMUM OF 6-INCHES OF COMPACTED GRANULAR BASE.
 2. PUMP STATION SECTIONS SHALL HAVE BUTYL RUBBER JOINT SEALER.
 3. IF WATER-PROOF BOOTED PIPE CONNECTIONS ARE NOT USED, PIPE PENETRATIONS SHALL BE SEALED WITH "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
 4. ON/OFF FLOAT SWITCH TO BE SET WITH A 4.0-INCH SWING SETTING TO PROVIDE A 85-GALLON DOSE VOLUME.
 5. HIGH WATER LEVEL ALARM AND PUMP STATION SHALL BE WIRED BY A LICENSED ELECTRICIAN.
 6. THE HIGH WATER ALARM SHALL BE MOUNTED AT A VISIBLE LOCATION.

**1,000-GALLON WATER-PROOF
CONCRETE PUMP STATION**
NOT TO SCALE



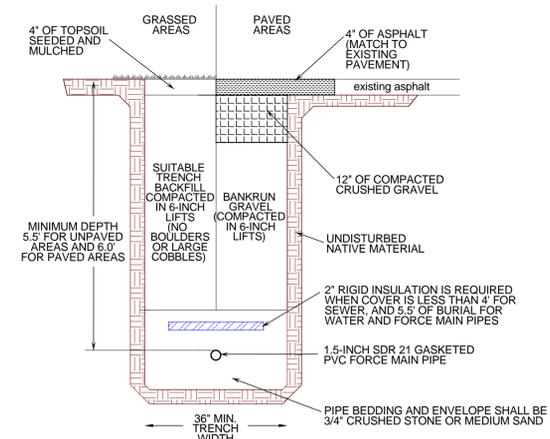
MOUND WASTEWATER DISPOSAL SYSTEM SECTION

VERTICAL SCALE: 1-INCH = 2- FEET
HORIZONTAL SCALE: 1-INCH = 2- FEET

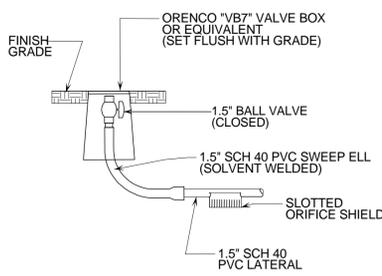


- NOTES:
1. SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF SIX INCHES OF COMPACTED GRANULAR BASE.
 2. AN INLET "T" Baffle IS REQUIRED.
 3. IF WATER-PROOF BOOTED CONNECTIONS ARE NOT USED, ALL PIPE PENETRATIONS SHALL BE SEALED WITH A "WATER PLUG" NON-SHRINK HYDRAULIC CEMENT.
 4. EFFLUENT FILTER ACCESS SHALL BE COMPLETED FLUSH WITH FINISH GRADE.

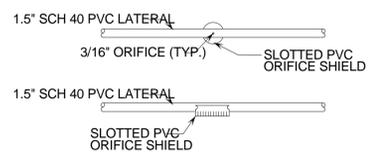
**1,000-GALLON CONCRETE
WATER-PROOF SEPTIC TANK**
NOT TO SCALE



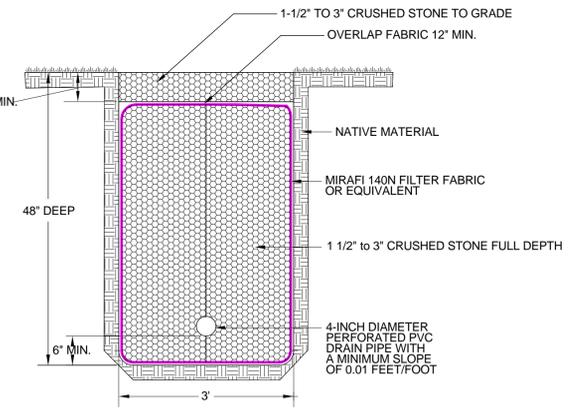
PIPE IN TRENCH DETAIL
NOT TO SCALE



FLUSHING RISER DETAIL
NOT TO SCALE



ORIFICE SHIELD DETAIL
NOT TO SCALE



CURTAIN DRAIN DETAIL
NOT TO SCALE

| | | | |
|--|-------------------|---|--|
| <p>PERMITTING</p> <p>TITLE:</p> <p>WASTEWATER SYSTEM DETAILS</p> <p>SIGNATURE:</p> <p></p> <p>JASON S. BARNARD LICENSED DESIGNER #430-B</p> | | <p>4400 VT Route 17 Starksboro, VT 05487</p> <p>Telephone: (802) 453-2597 Fax number: (802) 453-8497 E-mail: jbsittech@hotmail.com</p> <p>Jason Barnard Consulting, LLC</p> <p>GEORGE W. AND AMY C. ROHRBAUGH REPLACEMENT WASTEWATER SYSTEM DESIGN 1627 DORSET STREET CHARLOTTE, VERMONT</p> | |
| <p>DATE:</p> <p>APRIL 21, 2008</p> <p>SCALE: AS NOTED</p> <p>CHECKED BY: JB</p> | <p>REVISIONS:</p> | <p>DRAWING NO.</p> <p>2</p> <p>SHEET 2 OF 2</p> | |