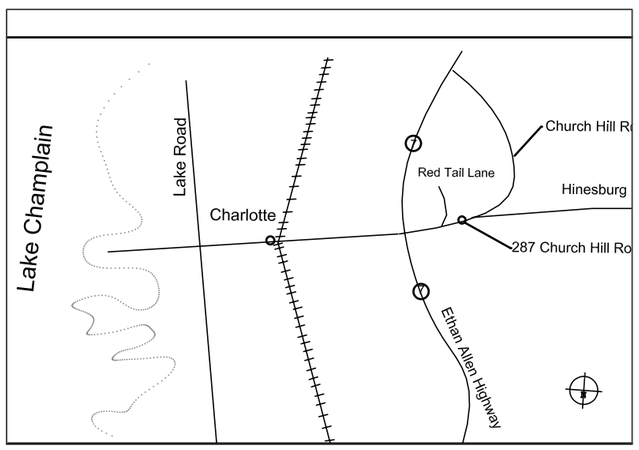
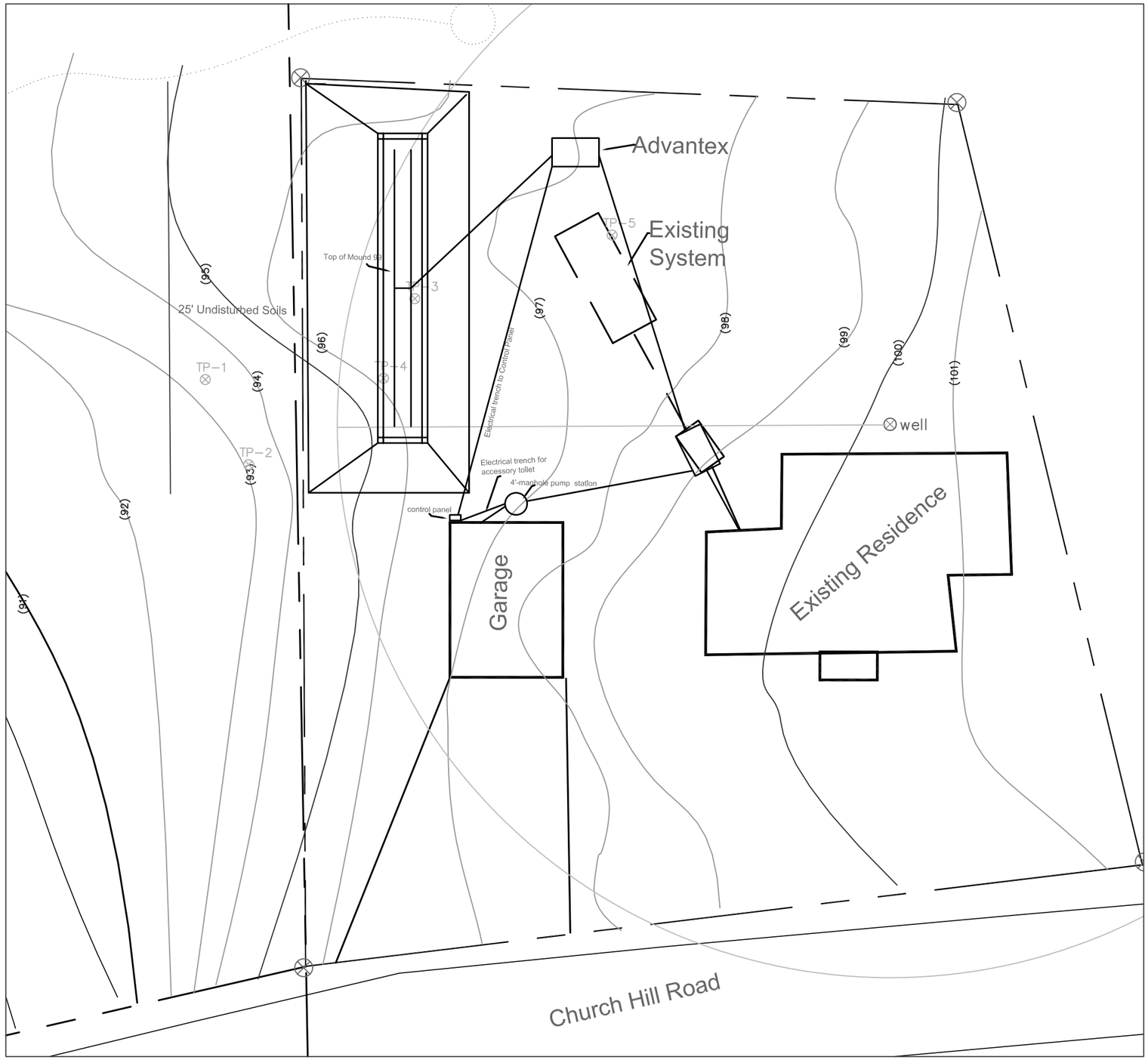
NOTES:
1.) Topographic information is not tied into UTM datums. Permanent Benchmark is Northeast copper sill of garage 28" above grade. 3"
2.) Property lines are approximate.
3.) It is the responsibility of the installation contractor to protect all utilities and building structures.
4.) No change from these plans will be allowed without securing an amendment to the approval
5.) Arrangements must be made to have the system inspected during several phases of the construction. A letter of completion will not be issued unless the inspection(s) have been performed.
6.) The contractor is responsible for erosion control measures during the construction of the system.

LEGEND

- Water Line
- Existing Minor Contour Line
- Existing Major Contour Line
- Proposed System
- Approximate Property Line
- Soil Evaluation Test Pits
- 101.9 Benchmark
- Property Line Markers
- Well Shield 100'
- Survey Area



Location Map
Not to Scale



Fraser/Carr

287 Church Hill Road
Charlotte, VT

09/18/2009

DETAILS

Plans for Submittal

PREPARED BY:

Annelid Environmental Services PLLC
PO Box 162
Orwell, VT05760,
PHONE: (802)948-2800
FAX: (802) 948-2800
WEB: annelidenvironmental.com
E-MAIL: Info@annelidenvironmental.com

I hereby certify that in the exercise of my reasonable professional judgment the design-related information submitted with this application is true and correct,and that the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.

Sheri B. Young
Vermont Class B
Licensed Septic Designer #541

DATE 10/26/2009

ISSUANCE 00-00

SCALE: 1:20

N

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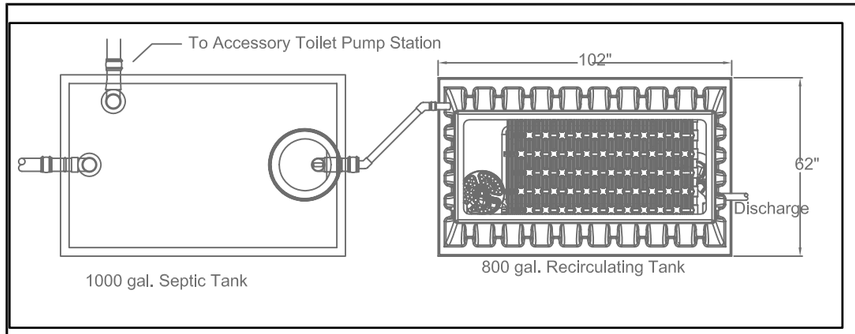
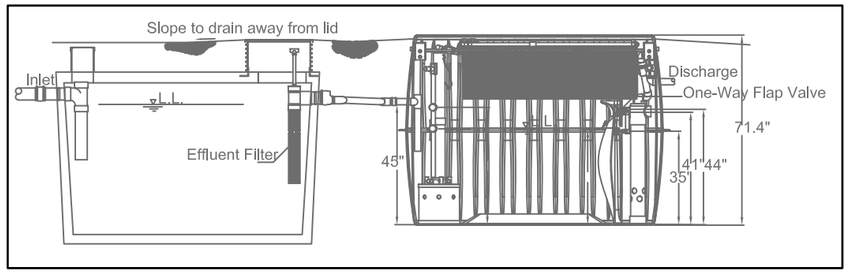
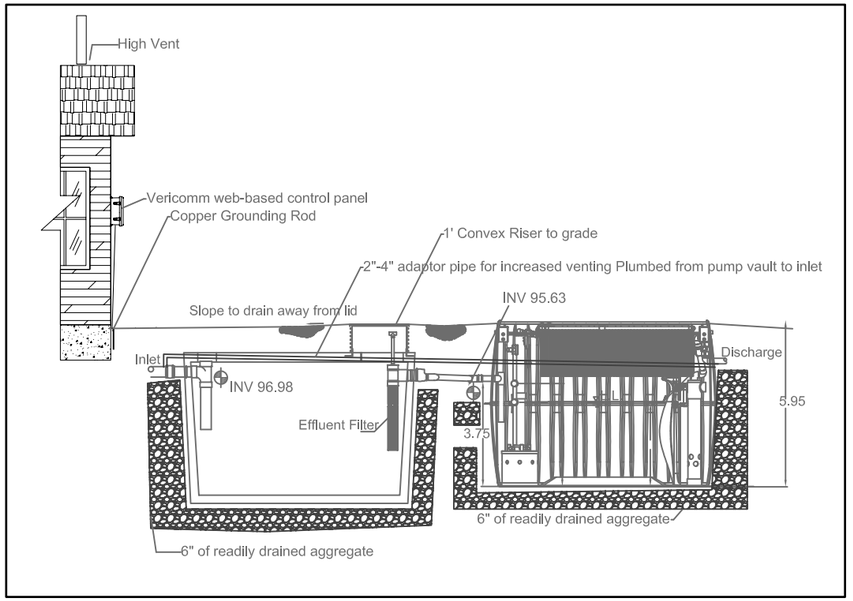
DRAWING NUMBER: 1 of 2



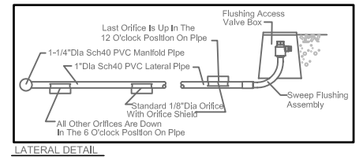
1,000 GALLON SEPTIC TANK AND ADVANTEX AX20RTB- PLAN VIEW DETAIL
Not To Scale



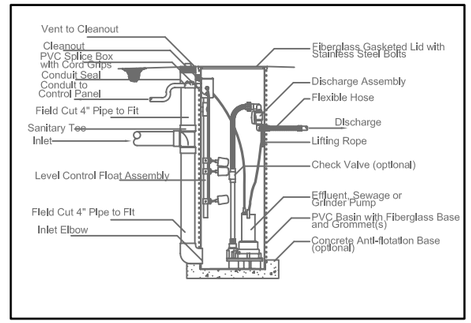
1,000 GALLON SEPTIC TANK AND ADVANTEX AX20RTB- CROSS SECTION DETAIL
Not To Scale



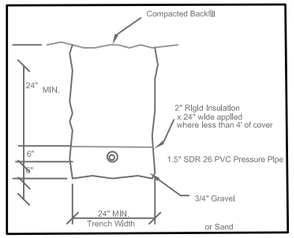
AX20RTB CROSS SECTION DETAIL WITH INVERTS
Not To Scale



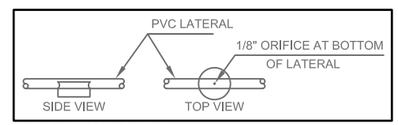
LATERAL DETAIL
Not To Scale



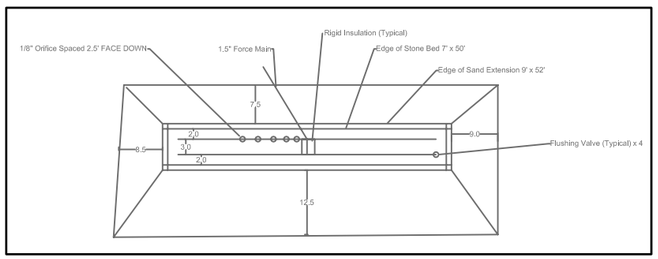
Accessory Toilet Pump Station Detail
Not To Scale



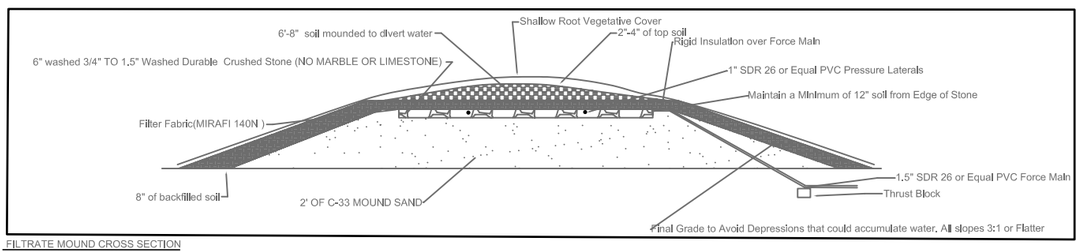
SEWER TRENCH DETAIL
Not To Scale



PVC ORIFICE SHIELD
Not To Scale



APPLICATION BED -PLAN VIEW
Not To Scale



FILTRATE MOUND CROSS SECTION
Not To Scale

Construction Instructions:

1.) Protect utilities prior to construction
2.) Contact designer to stake out approved system.
3.)All trees, bushes and woody vegetation within 10'of the toe of the system should be cut to grade. Do not attempt to remove root structures.The duff layer or grassy vegetation shall be removed and the surface gently scraped with a chisel plow or the teeth of an excavator to a depth of 4"-8"
4.) Do not attempt to construct the system when the soil moisture level is too high or the area has experienced rain within the last 2 days.
5.) Make every effort to avoid compaction of soils in the absorption bed area and 25' down gradient. Prior to moving equipment on this sensitive area place a minimum of 8" of sand fill on the plowed/scraped surface.
6.) Mound Sand must meet the specifications of Vermont's Wastewater Law I-913(c). Prior to trucking of sand to the site the contractor shall provide a sieve analysis to the designer for approval
7.) Tanks must be water tight and a 24 hour tightness test is required.
8.) All Pipes are Schedule 40 unless otherwise noted
9.)Prior to welding joints a flow rate test must be performed, designer presence is required.
10)All joints must be solvent welded.
11.)All electrical systems shall be installed by a licensed electrician and adhere to all applicable electrical codes.
12.) Owner will maintain an annual maintenance contract for the life of filtrate system.
13.) Please contact Designer if questions arise during construction.

Maintenance Instructions:

1. Vehicular Traffic is not allowed on any part of the septic system
2.) Non-woody vegetative cover must be maintained on the mound system
3.)The septic tank should be inspected on an annual basis for proper functioning and filter maintenance. The filter must be cleaned annually. A septic tank must be pumped by a qualified contractor every 3-5 years.
4.) Garbage disposals or water purification systems are not permitted to discharge to the on-site system.
5.) The life of this system will be contingent upon proper maintenance and use. Excessive usage of the system or the introduction of foreign materials can significantly reduce the life of the system. The design consultant assumes no responsibility for the impact of unusual weather patterns or failure to properly use and maintain the system.

Fraser/Carr

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09/19/2009

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Sheri B. Young
Vermont Class B
Licensed Septic Designer #541

DATE 10/26/2009

ISSUANCE 00-00

SCALE: AS NOTED

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DRAWING NUMBER: 2 of 2