

SITE ENGINEER:



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| | |
|----------|-----|
| DESIGNED | JDL |
| CHECKED | DSM |
| APPROVED | DSM |

OWNER:

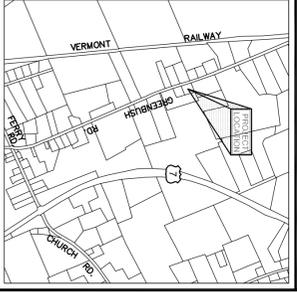
CLASSIC HOME

3176 GREENBUSH ROAD
 CHARLOTTE,
 VERMONT

PROJECT:

**ROBERTS NEW
 WASTEWATER
 DISPOSAL SYSTEM**

1981 GREENBUSH ROAD
 CHARLOTTE,
 VERMONT



SCALE: AS SHOWN

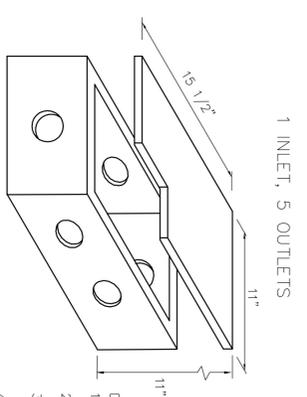
DATE: JUNE, 2011

DATE CHECKED: BESTON

DATE: 11133

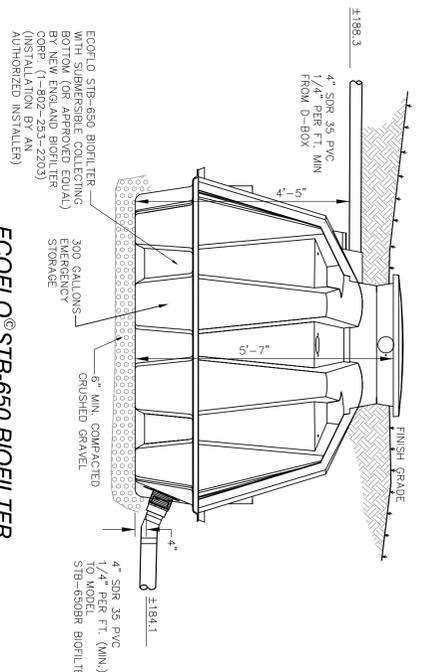
**WASTEWATER
 DISPOSAL
 SYSTEM
 DETAILS**

DRAWING NUMBER: **C2.0**

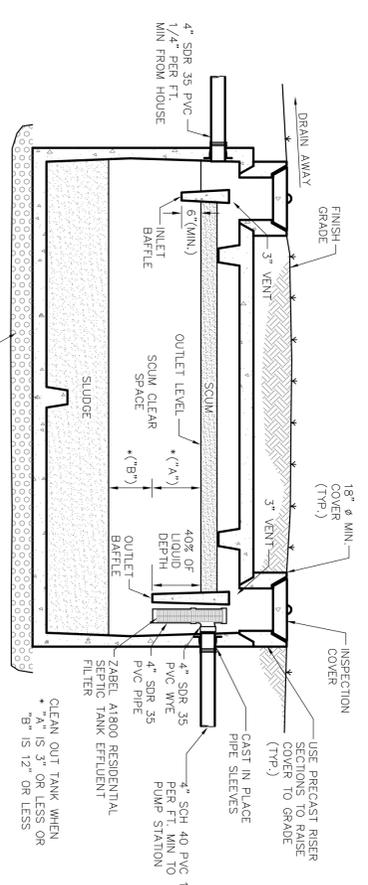


- DESIGN NOTES:
1. CONCRETE 4000psi; 28 DAY STRENGTH
 2. REINFORCED AS REQUIRED
 3. LOW PRESSURE SEAL DESIGNED TO ACCEPT 4" CI OR PVC PIPE
 4. INSTALL ON 6" CRUSHED STONE BEDDING
 5. PLACE POLYOK EQUALIZER IN EACH ACTIVE OUTLET

DISTRIBUTION BOX DETAIL
 N.T.S.



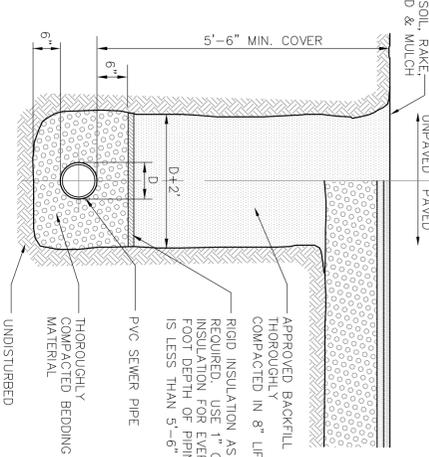
ECOFOLO®STB-650 BIOFILTER
 N.T.S.



1000 GALLON SEPTIC TANK
 N.T.S.

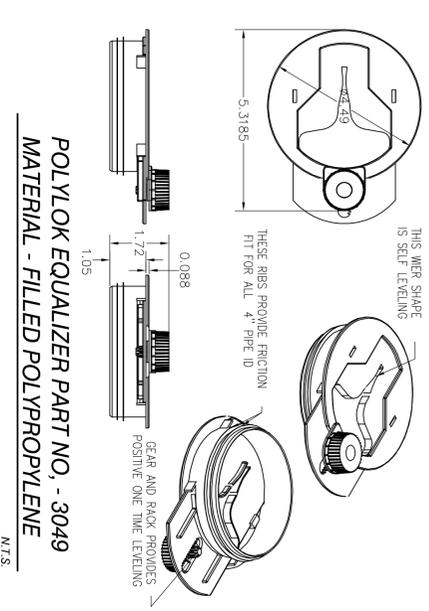
Septic Tank Notes

1. Septic tank shall be a precast concrete tank, unless otherwise approved.
2. Maintenance
 - At least once a year, the depth of sludge and scum in the septic tank should be measured. The tank should be pumped if:
 - The sludge is closer than twelve inches to the outlet baffle.
 - The scum layer is closer than three inches to the outlet baffle.
 - Under no circumstances should anyone enter a septic tank.
3. Recommendations
 - The use of garbage grinders is discouraged as sludge accumulation in the septic tank can be increased by up to 40%. If used, the septic tank will require more frequent pumping.
 - The septic system is designed to handle human waste and toilet paper, plus water from plumbing fixtures such as toilets, baths and sinks. Moderate use of household cleaners, detergents and bleach should not degrade your system; however, indiscriminate use may cause problems. Non-degradable paper products and any other non-biodegradable substances should not be put in your wastewater system.
 - Minimize the amount of water used in the household. Excessive water could flush solids from the septic tank to the disposal field which leads to clogging or lodging in the disposal field. Do not use the disposal field for disposal of loads of laundry over several days instead of one day.
 - 4. Walkways, patios and decks or other permanent structures should not be constructed over the septic tank.
 - 5. There should be no need to use commercial "starter", "bacterial feeds", or "cleaners", etc. Bacteria in a septic tank system occurs naturally.

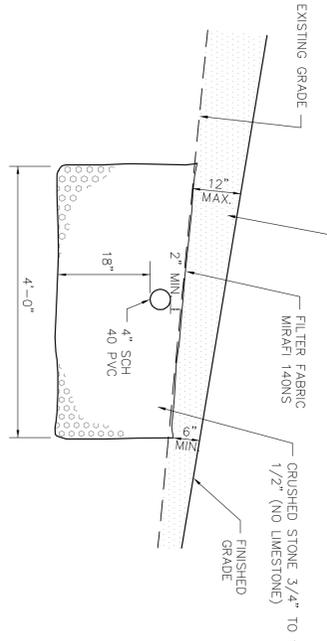


TYPICAL SEWER TRENCH DETAIL
 N.T.S.

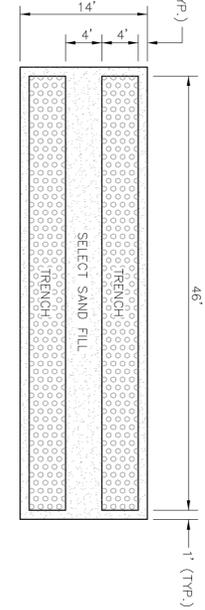
- NOTES:
1. Compaction of backfill and bedding shall be a minimum of 90% (95% under roadway surfaces) of maximum dry density determined in the standard proctor test (ASTM D699).
 2. Bedding material shall not be placed on frozen subgrade.
 3. Approved backfill shall not contain any stones more than 1 1/2" in largest dimension (6" in roadways), 2" maximum diameter within 2' of trench bottom, or any material which may clog, wet, or organic material.
 4. Trenches shall be completely dewatered prior to placing of pipe bedding material and kept dewatered during installation of pipe and backfill.
 5. In trenches with unstable materials, trench bottom shall first be stabilized by placement of filter fabric then crushed stone (3/4" maximum).
 6. The sides of trenches 4' or more in depth entered by personnel shall be shored or sloped to the angle of repose as defined by O.S.H.A. standards.
 7. Bedding material shall consist of crushed stone, gravel or sand with a maximum size of 3/4". Submit a sample to the Engineer for approval.



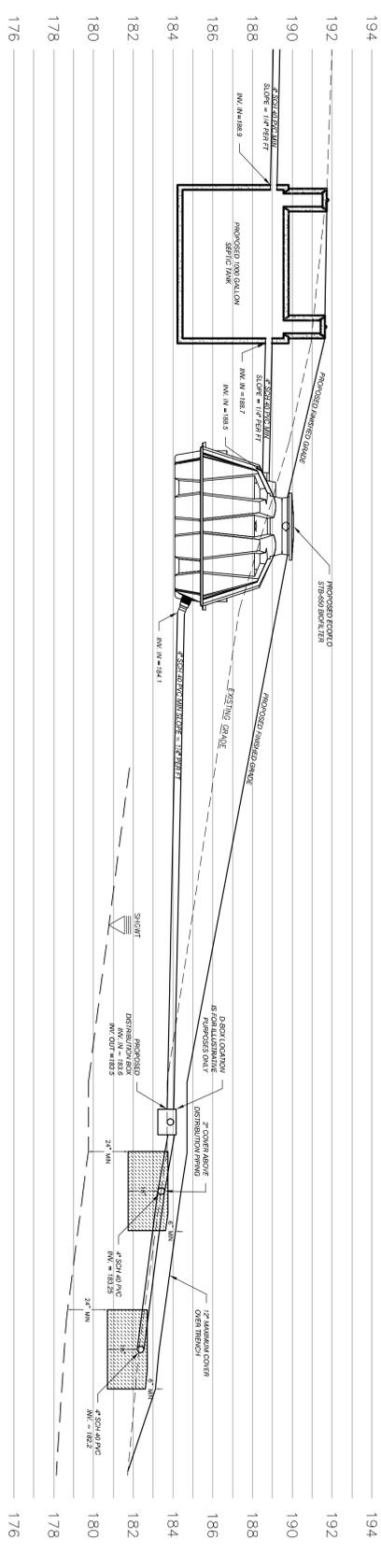
**POLYOK EQUALIZER PART NO. - 3049
 MATERIAL - FILLED POLYPROPYLENE**
 N.T.S.



TYPICAL DISPOSAL FIELD TRENCH SECTION
 N.T.S.



TYPICAL TRENCH PLAN
 N.T.S.



WASTEWATER DISPOSAL CROSS-SECTION
 1/4" = 1'