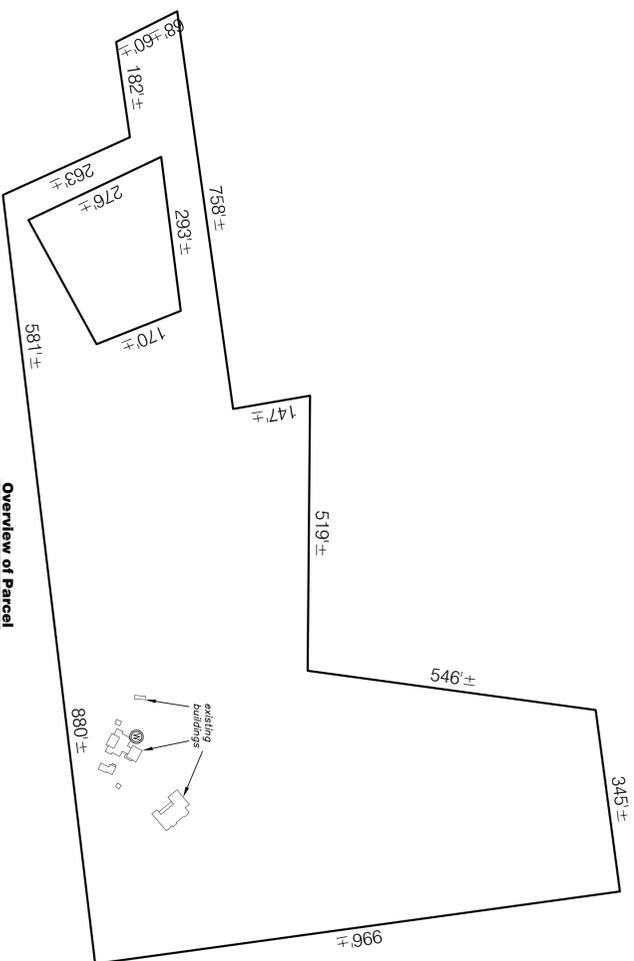


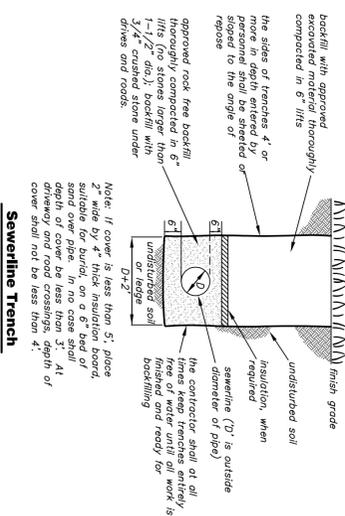
**Design Notes:**

1. Concrete: 4,000 psi after 28 days, reinforcing 6#6/10x10 and fibers.
2. Heavy-duty septic tank tops reinforced with 5/8" rebar @ 12" o.c. each way.
3. Feeding pit sealed with built up asphalt.
4. Foundation must be at least 12" wider and longer than tank size.
5. Provide watertight pipe connections using pre-fab 4" plastic boots or non-shrink grout.
6. The tank shall be leak-tested for 24 hours prior to backfilling.

**1000 Gallon Seamless Precast Concrete Septic Tank**

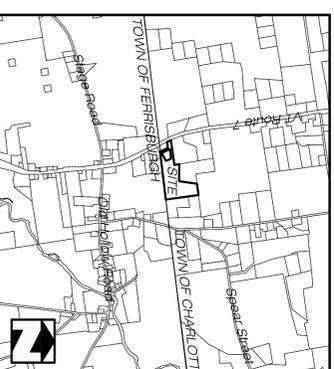


**Overview of Parcel**



**Sewerline Trench**

NOTE: The septic areas shown hereon are based solely on information provided by the property owner. No liability is assumed by the undersigned for the accuracy of the septic areas and/or their design/use.

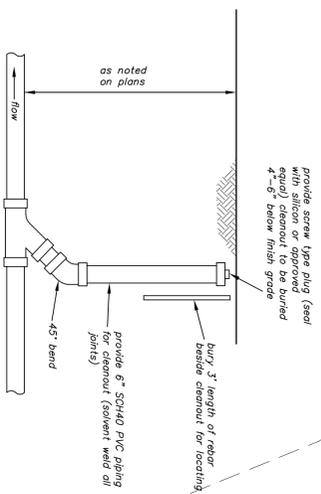


**Location Plan**

**Drilled Well Isolation Distances**

Item	Horizontal Distance (feet)	Septic Tank	Scum Layer
Drilled well	50	50	50
Lake and pond impoundment - standing water	50	25	25
River, streams, rocky ditches	50	10	10
Main or municipal water lines	50	50	50
Service water lines	25	25	25
Roadways, driveway, parking lots	10	10	10
Property line	25	10	10
Other disposal field or replacement area	10	10	10
Foundation, existing drains, curtain drains	35	35	35
Suction water line	10	10	10
Section water line	100	50	50

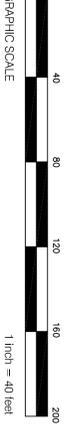
\* a) see prescriptive isolation zone on plan  
\* b) see Vermont Water Supply Rule



**Cleanout Detail**

**Operation & Maintenance Recommendations**

1. The septic tank's purpose is to settle out solids, contain the scum and pass treated effluent. Bacteria within the septic tank helps decompose the solids. Should only solids pass through the septic tank into the system, is likely to occur. Only human wastes should enter the sewage system, water use should be conservative and cleaning agents cannot enter the system, as they will bacteria.
2. Once per year, the depth of scum and sludge in the septic tank should be measured and the tank shall be pumped if:
  - a. The sludge level is within 12 inches of the bottom of the outlet.
  - b. The scum layer is within 3 inches of the top of the outlet.
  - c. If A or B is anticipated to occur prior to the next inspection.
  - d. In any case, the tank shall be pumped at a maximum 4-year interval.
3. Once a year, the septic tanks, pump chambers, distribution box and effluent lines should be inspected. The inspection should be performed by a professional who performs the inspection is cautioned to consult with a health professional prior to performing the above items. Any settled solids should be removed from the distribution box and the effluent filter should be cleaned.
4. Above items 1-3 are intended to prolong the life of the system, not guarantee it.
5. The Designer is not responsible for use of the system in ways that are not consistent with the design of the system such as but not limited to softeners or other water treatment devices, poor maintenance, or abnormal weather.



NOTE: Within the parcel boundaries shown hereon, the contour interval is five feet and is based on the State of Vermont Survey of 1888. The accuracy of liability is assumed by the undersigned as to the accuracy of said contours.



**IMPORTANT NOTE:** Every survey. The property lines shown hereon are based on the State of Vermont Natural Resources Atlas. No site plan for the above, expressed or otherwise, this plan does not meet the requirements for a land survey as described in 26 VSA §3502 and shall not be used for any land transfer or establishment of any property right. LaRose Surveys, P.C. warrants any and all responsibility from problems and/or issues including but not limited to setback lines and encroachments.

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site plan of  
a portion of lands of  
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201 Line Drive  
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