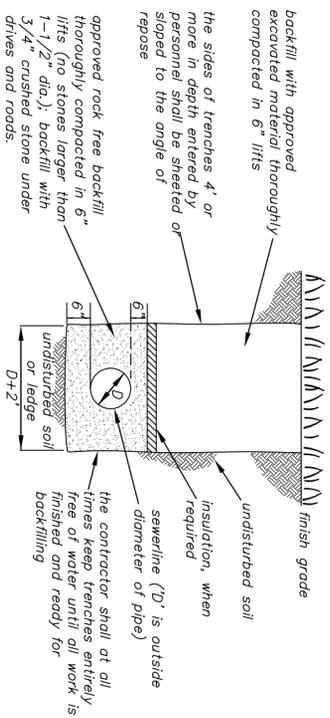


Sewage Design Information

- The proposed sewage disposal system shall be constructed in accordance with all applicable Town Regulations and the State of Vermont Environmental Protection Rules.
- Basis of design:
 - Total number of bedrooms = 2
 - Number of occupants = 4
 - Number of gallons per day = 280
 - Percolation Rates = Perc Test Depth Rate (pp) Application Rate = 1.0 gallon/sf Required Disposal Area = 280 gpd/1.0 gpd/sf = 280 sf Disposal Area Provided = 7' x 40' bed = 630 sf
- The use of garbage disposals is not recommended.
- If a water treatment system (water softener) is going to be used, the backwash water may not be discharged into the disposal system.



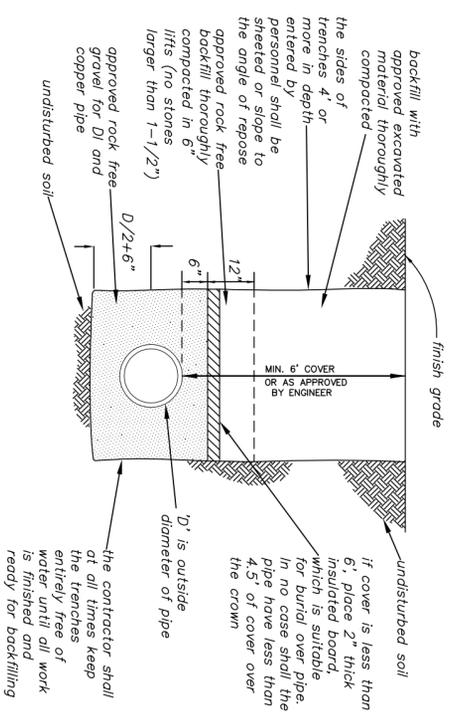
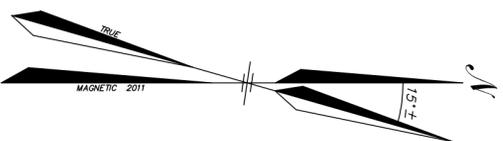
Sewerline Trench

NTS

Drilled Well Isolation Distances

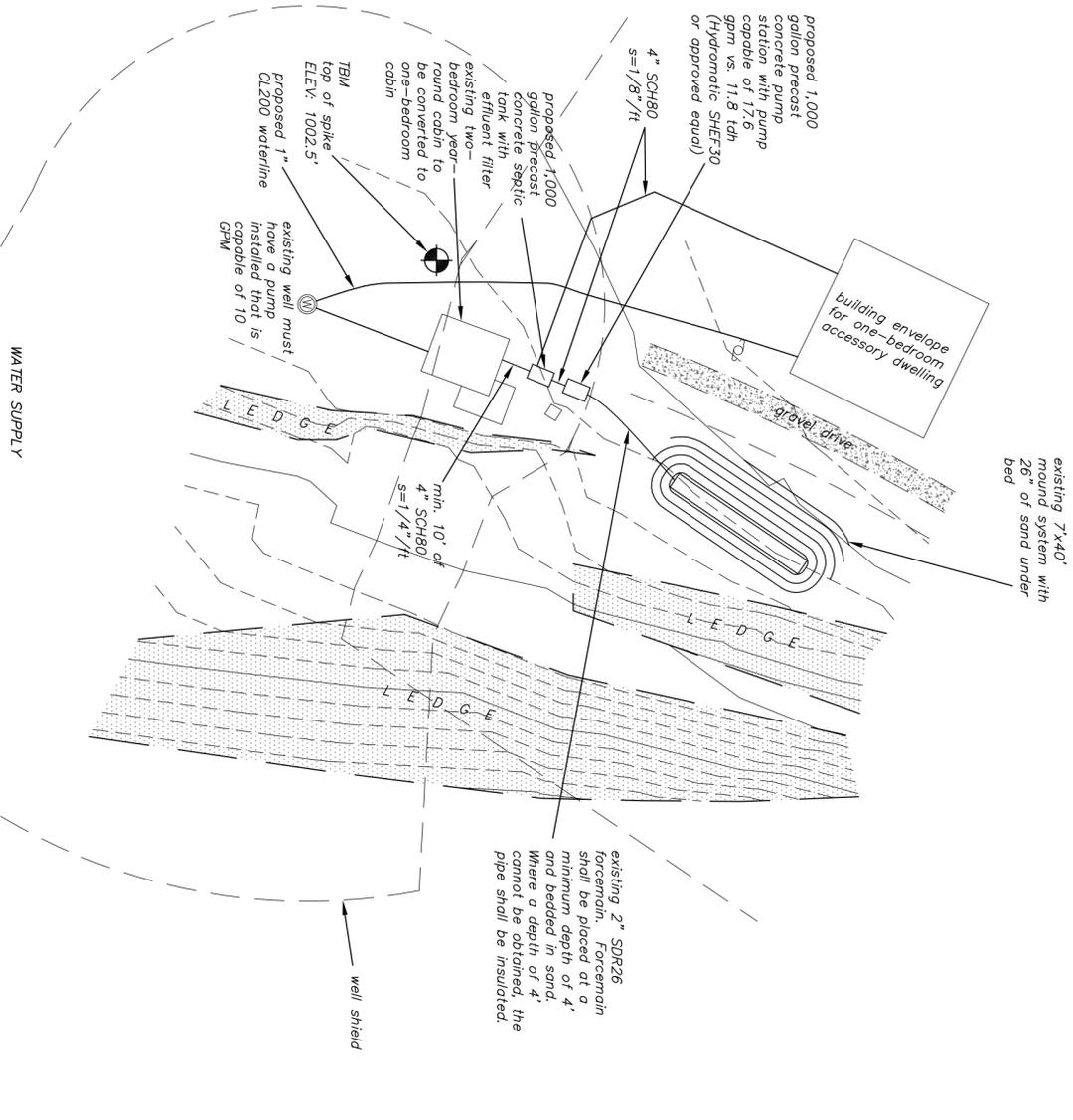
Item	Horizontal Distance (feet)	Disposal	Septic Tank	Sewer
Drilled well	50	50	50	50
Lake and pond impoundment - standing water	50	25	25	25
River, streams	50	25	25	10
Drainage swales, roadway ditches	25	50	50	10
Main or municipal water lines	25	25	25	5
Service water lines	25	25	25	5
Roadways, driveways, parking lots	25	25	25	10
Top of embankment, or slope greater than 30%	25	25	25	10
Property line	10	10	10	10
Trees	10	10	10	10
Other disposal field or replacement area	10	10	10	10
Foundation, footing drains, curtain drains	35	10	10	10
Suction water line	100	100	100	100

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



Typical Water Trench

NTS



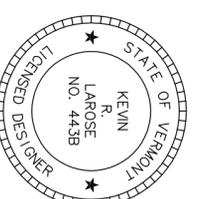
WATER SUPPLY
Average Day Demand = one-bedroom cabin (140 gpd) + one-bedroom garage (140 gpd) = 280 gpd
Total Flow = 280 gpd
Maximum Day Demand = 280 GPD / 720 = .39 GPM
Maximum Peak Demand = 5 GPM (cabin) + 5 GPM (garage) = 10 GPM
Well must be capable of producing 10 GPM

compiled & prepared by

LaRose Surveys, P.C.
Land Surveys - Boundary Consultants

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Bristol, Vermont 05443
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info@larosesurveys.com

THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-888-DIG-SAFE PRIOR TO ANY EXCAVATION.



Location Plan N.T.S.

Legend

- Project Boundary Line
- Adjacent Boundary Line
- Well
- Iron Pipe Found

IMPORTANT NOTE:
This is not a boundary survey. The boundary lines shown hereon were based solely on the Town of Charlotte tax maps. No certifications, expressed or otherwise, are made to the boundary lines shown hereon. This plan does not meet the requirements for a land survey as described in 26 VSA §2502 and shall not be used in lieu of a survey on the basis of any land transfer or establishment of any property right. LaRose Surveys, P.C. waives any and all responsibility from problems and/or issues relating to the boundary lines shown hereon including but not limited to setback lines and encroachments.

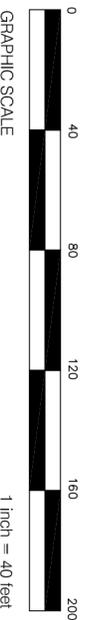
a site plan showing
a portion of lands of

ANDREA GRAYSON

322 Oak Hill Road
Charlotte, Chittenden County, Vermont

April 12, 2016

PROJECT #11016



GRAPHIC SCALE

1 inch = 40 feet