

Location Map  
N.T.S.

Legend

- Soil test hole
- percolation test
- Temporary bench mark
- Finish Contour
- Building Envelope
- Existing Contour
- New Sewer Forcemain
- New Water Service
- Survey Control Point
- Approximate Property Line
- Wastewater Disposal Bed

Minimum Isolation Distances

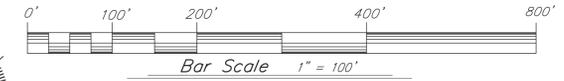
(Contact Engineer for any Clarifications or conflicts)

	Horizontal Distance (ft.)		
	Edge of System	Septic Tank	Sewer
Drilled well serving 1 home - up slope of system	100	50	50
Drilled well serving 1 home - down slope of system	200	50	50
Lake and pond impoundment - standing water	50	25	25
River, streams	50	25	10
Drainage swales, roadway ditches	25	-	-
Main or municipal water lines	50	50	10
Service water lines	25	25	10
Roadways, driveways, parking lots	10 (25 downslope)	5	-
Top of embankment or slope > 30%	25	10	-
Property line	10	10	10
Other disposal field or replacement area	10	-	-
Foundation, footing drains, curtain drains	35 (75 downslope)	10	-
Suction water line	100	50	50

**Note:**  
These distances may be increased if necessary to provide adequate protection.

Notes:

- This plan is not a boundary survey. The property lines shown are based on tax maps of Charlotte. Property lines are considered approximate.
- The underground utilities shown on this plan are based on visible utilities located during a topographic survey performed by Krebs & Lansing in May 3, 2016. Underground utilities are approximate and not warranted to be exact or complete. Dig Safe shall be contacted prior to any excavation.
- Elevations are based on the NAVD 88 (Geoid 12A) vertical datum.
- Project Horizontal Coordinates derived from GPS observation using reference frame NAD83 (2011) 2010.00 epoch.
- The sole intent of this plan is to provide the applicant with the required information in the pursuit of wastewater system and potable water supply permit for a single family residence.



For Permit Review

Date revised	Description	Checked	Date
Design	JAR		
Drawn	JAR		
Checked	WHN		
Scale	1"=100'		
Date	May 9, 2016		

Overall Plan

Morris Residence

Project 16113 700 Mount Philo Road Charlotte, Vermont

KREBS & LANSING Consulting Engineers, Inc.  
164 Main Street, Colchester, Vermont 05446

Professional Engineer  
C-1