INVERT ELEVATION = 99.0'

PROPOSED 4"Ø SOLID PVC GRAVITY SEWER (SDR35)

EXISTING 1"Ø CLASS 160 POLYETHYLENE WATER SERVICE LINE

EXISTING DRILLED WELL (WELL TAG #39868)

200' WELL ISOLATION ZONE

FARM STAND

PARKING

100' WELL ISOLATION ZONE

PROPOSED 1.5" SDR26 PVC FORCE MAIN

PROPOSED 1,500 GALLON PRECAST STEP TANK WITH EFFLUENT PUMP CAPABLE OF 20.10 GPM vs. 10.21' TDH (PLACED LEVEL)

PROPOSED CLEANOUT

SHED

EFFECTIVE BASAL AREA

25'

100' SEPTIC ISOLATION ZONE

4"Ø SOLID PVC BUILDING SEWER 10' MIN. FROM BUILDING (SLOPE = ¼"/FT)

200' SEPTIC ISOLATION ZONE

HA-2

TP-2

TP-2/P-1

TP-3

HA-1

EXISTING 1"Ø CLASS 160 POLYETHYLENE WATER SERVICE LINE

INVERT ELEVATION = 96.0'

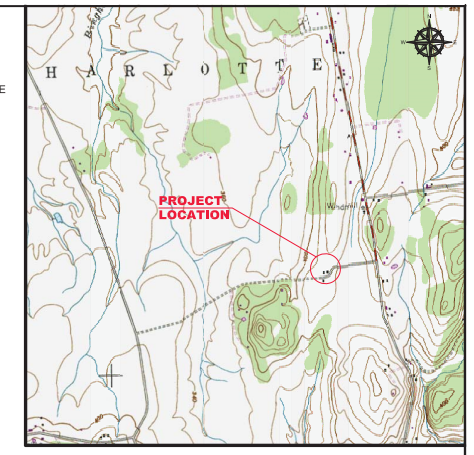
RESIDENCE

FARM ACCESS ROAD

PROPOSED 7.43 x 70.0' MOUND TYPE DISPOSAL SYSTEM

DRYWELL & 1,000 GALLON SEPTIC TANK - TO BE COLLAPSED IN PLACE AND BACKFILLED

BINGHAM BROOK ROAD

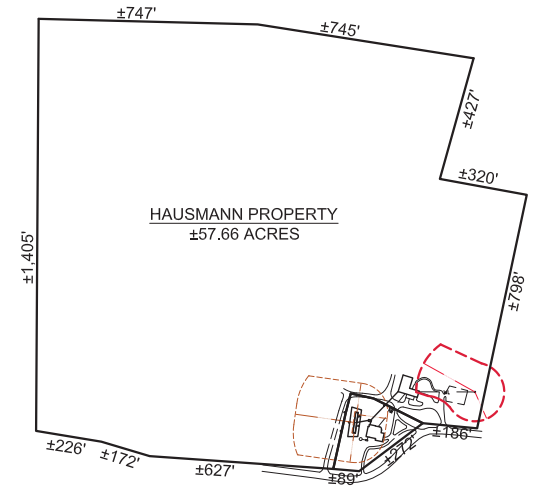


GENERAL LOCATION MAP

SCALE: 1"=2,000±

LEGEND

100	EXISTING GROUND CONTOUR
WL	EXISTING WATER LINE
SL	EXISTING SANITARY SEWER
WL	PROPOSED WATER LINE
SL	PROPOSED SANITARY SEWER
	EDGE OF PAVEMENT
	EDGE OF GRAVEL DRIVE
	WELL ISOLATION ZONE
	SEPTIC ISOLATION ZONE
	EXISTING PROPERTY LINE
	TEMPORARY BENCHMARK
W	WELL - DRILLED
TP-1/P-1	TEST PIT/PERCOLATION TEST



OVERALL PROPERTY DIMENSIONS

SCALE: 1"=300'

GRAPHIC SCALE
(IN FEET)
20 0 10 20 40 80
(1"=20')

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

"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."

Stephan Revell, CPG
Licensed Class B Designer #178
Nov. 26, 2015
Date

AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS — CERTIFICATE NUMBER 6259 — AIPG — STEPHEN REVELL — CERTIFIED PROFESSIONAL GEOLOGIST

LINCOLN APPLIED GEOLOGY, INC.
ENVIRONMENTAL CONSULTANTS

Hausmann Property

985 Bingham Brook Road
Charlotte, Vermont

Site Deveopment Plan with Water & Wastewater Systems

LAG PROJECT #	15080
DATE:	Nov. 26, 2015
SURVEYORS:	CZ/DN
DRAWN BY:	TAM
FIGURE:	1