

**Project Location Map**  
Not to Scale

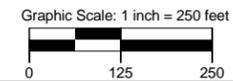


**PROJECT NOTES**

1. THESE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY CONDUCTED BY JASON BARNARD CONSULTING, LLC WITH A NIKON NPL-522 THREE SECOND TOTAL STATION ON AUGUST 5, 2013.
2. ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 200.00' AT STATION NO. 1.
3. THIS IS NOT A BOUNDARY SURVEY AND DOES NOT MEET THE LEGAL REQUIREMENTS OF A BOUNDARY SURVEY AS DESCRIBED IN 27 V.S.A. § 1463.
4. PROPERTY LINES ARE BASED ON A SUBDIVISION SURVEY PLAT BY MARK WARD DATED FEBRUARY 15, 2001 AND PHYSICAL EVIDENCE FOUND DURING THE AUGUST 5, 2015 TOPOGRAPHIC SURVEY. NO WARRANTY IS MADE TO THE ACCURACY OF THE BOUNDARY LINES SHOWN HEREON.
5. FOR CLARITY, TEXT IDENTIFYING EXISTING ITEMS ARE LOWER CASE, AND TEXT IDENTIFYING PROPOSED ITEMS ARE UPPER CASE.
6. THE REPLACEMENT MOUND-TYPE WASTEWATER DISPOSAL SYSTEM IS CONSIDERED A "BEST FIX" AND HAS BEEN DESIGNED IN REASONABLE CONFORMANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES, EFFECTIVE SEPTEMBER 29, 2007.
7. IN ACCORDANCE WITH SUBSECTION 1-806 OF THE STATE OF VERMONT, ENVIRONMENTAL PROTECTION RULES (EPR) CHAPTER 1, EFFECTIVE SEPTEMBER 29, 2007 A VARIANCE IS BEING REQUESTED TO INSTALL THE REPLACEMENT WASTEWATER DISPOSAL SYSTEM. A VARIANCE IS BEING REQUESTED AS A RESULT OF THE FOLLOWING SITE CONDITIONS:
  - 7A. THE REPLACEMENT MOUND SYSTEM IS PROPOSED WITH AT LEAST 2 FEET (24 INCHES) OF MOUND SAND BENEATH THE MOUND SYSTEM'S ABSORPTION BED. THEREFORE, THE PROPOSED MOUND PROVIDES AT LEAST 36 INCHES OF VERTICAL SEPARATION TO THE IDENTIFIED SEASONAL HIGH WATER TABLE (SHWT). A VARIANCE IS BEING REQUESTED TO REDUCE THE SEPARATION TO THE TOP OF THE INDUCED GROUNDWATER MOUNDING TO 2:1'. THE PROPOSED "BEST FIX" REPLACEMENT MOUND SYSTEM IS A SIGNIFICANT IMPROVEMENT OVER THE EXISTING IN-GROUND SYSTEM AND PROVIDES BETTER PROTECTION TO HUMAN HEALTH AND THE ENVIRONMENT.
  - 7B. THE FRONT TOE OF THE REPLACEMENT MOUND WASTEWATER SYSTEM IS LOCATED WITHIN 25 FEET OF A TOP OF SLOPE GREATER THAN 30%. THE PROPOSED "BEST FIX" REPLACEMENT MOUND WASTEWATER SYSTEM IS LOCATED IN THE MOST SUITABLE AREA FOR WASTEWATER DISPOSAL AT THE SITE.
8. BASED ON VERBAL INFORMATION PROVIDED BY THE PROPERTY OWNER, THE 30.7+- ACRE PARCEL WAS CREATED AND DEVELOPED WITH A 3-BEDROOM SINGLE-FAMILY RESIDENCE PRIOR TO JANUARY 1, 2007.
9. THE EXISTING SEPTIC TANK SHALL BE PUMPED OUT, INSPECTED AND CONFIRMED TO BE 1,000 GALLONS IN SIZE. IF THE TANK IS IN GOOD CONDITION, IT SHALL BE WATER-TIGHTNESS TESTED FOR 24 HOURS AND RETROFITTED WITH A POLYLOK PL-122 EFFLUENT FILTER BEFORE BEING PUT BACK IN SERVICE. IF THE EXISTING SEPTIC TANK IS REUSED, THE FILTER ACCESS SHALL BE FITTED WITH A HIGH DENSITY POLYETHYLENE (HDPE) PLASTIC RISER THAT IS COMPLETED LUSH WITH FINISH GRADE AND SHALL INCLUDE A WATER-TIGHT SCREW-DOWN COVER. IT IS ALSO RECOMMENDED THAT THE SEPTIC TANK PUMP OUT COVER BE FITTED WITH AN HDPE RISER AND WATER-TIGHT SCREW-DOWN COVER. IF THE TANK IS IN POOR CONDITION OR IS NOT WATER-TIGHT, IT SHALL BE REPLACED WITH A NEW 1,000 GALLON TOP-SEAM CONCRETE SEPTIC TANK WITH AN APPROVED EFFLUENT FILTER.
10. THE EXISTING LEACHFIELD WAS NOT FIELD VERIFIED. THE SHOWN LOCATION IS CONSIDERED APPROXIMATE AND THE SYSTEM SHALL BE ABANDONED IN-PLACE. WASTEWATER PIPING ENCOUNTERED DURING THE WORK SHALL BE CUT AND GAPPED.
11. THE CONTRACTOR SHALL NOTIFY THE DIG SAFE NETWORK AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
12. ALL EXCAVATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE OF VERMONT, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (VOSHA) GUIDELINES FOR TRENCH EXCAVATIONS.
13. THE EXISTING MAN-MADE POND IS SHOWN ON THE ANR ENVIRONMENTAL INTEREST LOCATOR AS A CLASS II WETLAND. THE EDGE OF THE WETLAND IS BELIEVED TO BE THE EDGE OF THE POND. THE REMAINING PORTIONS OF THE PROPERTY WERE NOT REVIEWED FOR WETLANDS AND A FORMAL WETLAND DELINEATION WAS NOT PERFORMED AS PART OF THIS PROJECT. JASON BARNARD CONSULTING, LLC ARE NOT WETLAND CONSULTANTS AND THEREFORE MAKE NO WARRANTY WITH REGARDS TO THE PRESENCE OR ABSENCE OF WETLANDS ON THE SUBJECT PROPERTY.
14. A MAJORITY OF THE SUBJECT PROPERTY WAS REVIEWED FOR ITS SUITABILITY FOR A REPLACEMENT WASTEWATER DISPOSAL SYSTEM AND DUE TO VARIOUS SITE LIMITATIONS, NO OTHER SUITABLE WASTEWATER DISPOSAL SYSTEM AREAS WERE NOTED WITHIN 500 FEET OF THE EXISTING RESIDENTIAL STRUCTURE. THEREFORE, THE IDENTIFIED "BEST FIX" WASTEWATER DISPOSAL SYSTEM IS THE MOST SUITABLE AREA FOR WASTEWATER DISPOSAL WITHIN 500 FEET OF THE EXISTING RESIDENTIAL STRUCTURE.

**LEGEND**

	Boundary Line/ROW
	Edge of Road (Surface Labeled)
	Edge of Drive (Surface Labeled)
	1 Foot Ground Surface Contour
	Finish Grade
	Interpolated Ground Contour (Based on USGS Data From The ANR Environmental Interest Locator)
	Gravity Sewer
	1-Inch Diameter CL200 Polyethylene Plastic Water Line (Unless Otherwise Noted)
	Well Isolation
	Wastewater Isolation
	Zoning Setbacks
	Silt Fence
	Electrical Conduit
	Ditch Line
	Tree Line
	Proposed Limits of Clearing
	Utility Pole
	Survey Traverse Station
	Temporary Bench Mark (Type and Elevation Noted)
	Test Pit (TP-01)
	Soil Boring (SB-01)
	Percolation Test (PT-01)
	Drilled Well (Unless Otherwise Noted)



<b>PERMITTING</b>		<b>Jason Barnard Consulting, LLC</b> 4400 VT Route 17 Starksboro, VT 05487 Telephone: (802) 453-2597 Fax number: (802) 453-8497 E-mail: jbsittech@hotmail.com	
TITLE:		<b>NANCY J. FAULKNER REPLACEMENT WASTEWATER DISPOSAL SYSTEM</b>	
OVERALL SITE PLAN		283 HIGBEE ROAD CHARLOTTE, VERMONT	
SIGNATURE:		DATE:	REVISIONS:
		AUGUST 20, 2015	Expanded Note #9 (9-8-15)
		SCALE: 1" = 250'	Plan Sheet Numbering (9-8-15)
		DRAWN BY: CS	
		CHECKED BY: JB	DRAWING NO. <b>1</b>
			SHEET 1 OF 3