

Soils Investigations by Gunnar Olson (Summit Engineering, Inc.), observed by Bill Zabolni (AMT) on 10/19/07.

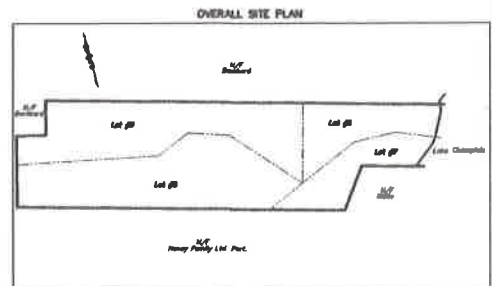
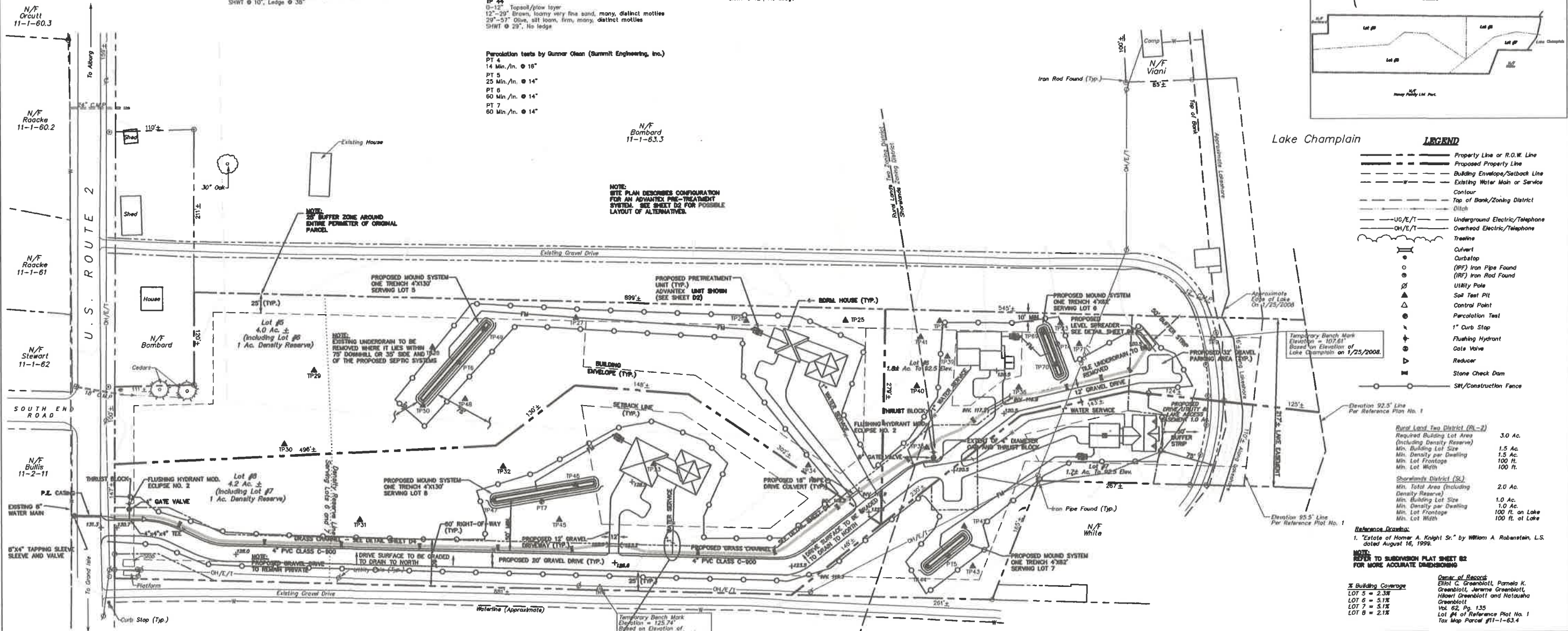
- TP 23  
0-13" Topsoil/plow layer  
13"-23" Dark brown, loam w/sand and calcareous material  
23"-30" Olive, loam w/sand and calcareous material, stain line @ 23", friable  
SHWT @ 23", No ledge
- TP 24  
Ledge @ 14"  
Not suitable
- TP 25  
Ledge @ 10"  
Not suitable
- TP 26  
0-10" Topsoil/plow layer  
10"-24" Gray, fine sand, few, distinct mottles @ 13"  
24"-42" Gray/olive, silty clay loam, firm, moist, mottled  
SHWT @ 13", No ledge
- TP 27  
0-12" Topsoil/plow layer  
12"-42" Olive/brown, silt loam, firm, moist, many, small mottles  
SHWT @ 13", No ledge
- TP 28  
0-11" Topsoil/plow layer  
11"-20" Light brown/dark brown, silt loam, friable, moist  
20"-30" Olive, loamy very fine sand, friable, moist, few, distinct mottles  
SHWT @ 20", Ledge @ 30"
- TP 29  
Ledge @ 16"  
Not suitable
- TP 30  
0-12" Topsoil/plow layer  
12"-20" Light brown/dark brown, silt loam, friable, moist  
20"-27" Olive, loamy very fine sand, friable, moist, few, distinct mottles  
SHWT @ 20", Ledge @ 27"
- TP 31  
Ledge @ 16"  
Not suitable
- TP 32  
0-13" Topsoil/plow layer  
13"-24" Dark gray, clay loam, firm, moist, many, distinct mottles  
24"-42" Dark gray, silt loam, friable, moist, many, distinct mottles  
SHWT @ 13", No ledge
- TP 33  
0-13" Topsoil/plow layer  
13"-48" Olive/brown, very fine sandy loam, friable, moist, many, distinct mottles  
SHWT @ 13", No ledge
- TP 34  
0-12" Topsoil/plow layer  
12"-36" Olive, loamy very fine sand, many, distinct mottles  
SHWT @ 12", No ledge
- TP 35  
0-12" Topsoil/plow layer  
12"-48" Brown, loamy very fine sand, friable, many, distinct mottles @ 16"  
SHWT @ 16", Ledge @ 45"
- TP 36  
0-10" Topsoil/plow layer  
10"-16" Dark brown, loam, friable, moist  
16"-38" Dark gray, stony loam w/calcareous material, friable, dry  
SHWT @ 10", Ledge @ 38"

Soils Investigations by Gunnar Olson Summit Engineering, Inc. with Pigeon Bros. Excavating on 3/27/08.

- TP 37  
0-13" Topsoil/plow layer  
13"-23" Dark brown, loam w/sand and calcareous material, friable  
23"-61" Olive, loam w/sand and calcareous material, stain line @ 23", friable  
SHWT @ 23", No ledge
- TP 38  
0-13" Topsoil/plow layer  
13"-21" Dark brown, loam w/sand and calcareous material, friable  
21"-59" Olive, loam w/sand and calcareous material, stain line @ 21", friable  
SHWT @ 21", No ledge
- TP 39  
Ledge @ 12"  
Not suitable
- TP 40  
Ledge @ 12"  
Not suitable
- TP 41  
Ledge @ 24"  
Not suitable
- TP 42  
0-12" Topsoil/plow layer  
12"-48" Brown, loamy very fine sand, friable, many, distinct mottles @ 16"  
SHWT @ 16", Ledge @ 45"
- TP 43  
0-16" Topsoil/plow layer  
16"-66" Brown, loamy very fine sand, friable, many, distinct mottles  
SHWT @ 16", No ledge
- TP 44  
0-12" Topsoil/plow layer  
12"-29" Brown, loamy very fine sand, many, distinct mottles  
29"-57" Olive, silt loam, firm, many, distinct mottles  
SHWT @ 29", No ledge
- TP 45  
0-13" Topsoil/plow layer  
13"-24" Dark gray, silt loam, friable, moist, many, distinct mottles  
24"-64" Dark gray, silt loam, firm, moist, many, distinct mottles  
SHWT @ 13", No ledge
- TP 46  
0-15" Topsoil/plow layer  
15"-24" Dark gray, silt loam, friable, moist, many, distinct mottles  
24"-42" Dark gray, silt loam, firm, moist, many, distinct mottles  
SHWT @ 15", No ledge
- TP 47  
Ledge @ 12"  
Not suitable
- TP 48  
0-12" Topsoil/plow layer  
12"-20" Light brown/dark brown, silt loam, friable, moist  
20"-44" Olive, silt loam, friable, moist, few, distinct mottles  
SHWT @ 12", Ledge @ 44"
- TP 49  
0-13" Topsoil/plow layer  
13"-20" Light brown/dark brown, silt loam, friable, moist  
20"-42" Olive, silt loam, friable, moist, few, distinct mottles  
SHWT @ 13", Ledge @ 42"
- TP 50  
0-12" Topsoil/plow layer  
12"-20" Dark brown, loam, friable, moist  
20"-51" Olive, silt loam, friable, moist, few, distinct mottles  
SHWT @ 12", No ledge

- Percolation tests by Gunnar Olson (Summit Engineering, Inc.)
- PT 4  
14 Min./in. @ 18"
  - PT 5  
25 Min./in. @ 14"
  - PT 6  
60 Min./in. @ 14"
  - PT 7  
60 Min./in. @ 14"

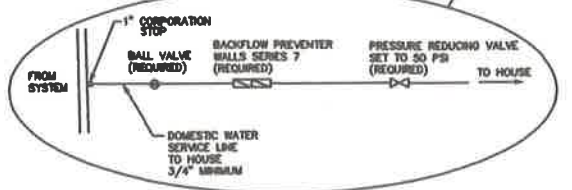
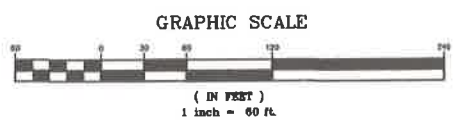
NOTE: SITE PLAN DESCRIBES CONFIGURATION FOR AN ADVANCED PRE-TREATMENT SYSTEM. SEE SHEET D2 FOR POSSIBLE LAYOUT OF ALTERNATIVES.



- LEGEND**
- Property Line or R.O.W. Line
  - Proposed Property Line
  - Building Envelope/Setback Line
  - Existing Water Main or Service
  - Contour
  - Top of Bank/Zoning District
  - Ditch
  - UG/E/T
  - Underground Electric/Telephone
  - OH/E/T
  - Overhead Electric/Telephone
  - Trees
  - Culvert
  - Outlet
  - (RF) Iron Pipe Found
  - (IRF) Iron Rod Found
  - Utility Pole
  - Soil Test Pit
  - Control Point
  - Percolation Test
  - 1" Curb Stop
  - Flushing Hydrant
  - Gate Valve
  - Reducer
  - Stone Check Dam
  - Silt/Construction Fence

- Reference Drawings:**
1. "Estate of Homer A. Knight Sr." by William A. Robenstein, L.S. dated August 16, 1998.
- NOTE:** REFER TO SUBDIVISION PLAT SHEET B2 FOR MORE ACCURATE DIMENSIONS

- % Building Coverage**
- LOT 5 = 2.3%
  - LOT 6 = 5.1%
  - LOT 7 = 5.1%
  - LOT 8 = 2.1%
- Owner of Record:**  
Elliott C. Greenblatt, Pamela K. Greenblatt, Jerome Greenblatt, Hilary Greenblatt and Nicholas Greenblatt  
Vol. 62, Pg. 135  
Lot #4 of Reference Plat No. 1  
Tax Map Parcel #11-63.4



TYPICAL WATER SERVICE INSTALLATION

SILT/CONSTRUCTION FENCING SHOWN IS TO BE ADJUSTED AS NECESSARY TO FACILITATE CONSTRUCTION PHASING. SILT FENCE TO BE INSTALLED DOWN SLOPE OF DISTURBED AREAS. CONSTRUCTION FENCING TO BE INSTALLED ELSEWHERE TO PREVENT THE DISTURBANCE OF EXISTING VEGETATED AREAS DURING THE CONSTRUCTION OF THE COMMON INFRASTRUCTURE AND THE INDIVIDUAL LOTS AND SEPTIC SYSTEMS.

FENCING TO BE REMOVED ONCE DISTURBED AREAS HAVE BEEN STABILIZED.

THE SPACING OF CHECK DAMS IS TO BE ADJUSTED AS NECESSARY IN ACCORDANCE WITH THE DETAIL ON SHEET D4.

**WATER SERVICE NOTE:**

ALL APPROPRIATE EASEMENTS AND WATER AGREEMENTS ARE TO BE FILED WITH THE TOWN OF NORTH HERO. FURTHERMORE, PRIOR TO USE OF THE SYSTEM, COMPLETE "AS-BUILT" INFORMATION ALONG WITH ALL PRESSURE AND WATER QUALITY TEST RESULTS ARE TO BE RECORDED WITH THE TOWN OF NORTH HERO.

NO.	REVISION	DATE
8	REVISED SIZE OF WATER SERVICE MAIN	8/31/08
7	MINOR REVISIONS TO WATER SERVICE INSTALLATION	10/1/08
6	ADDED TYPICAL WATER SERVICE INSTALLATION	8/7/08
5	ADDED STORM AND ROADWAY DESIGN INFORMATION	7/8/08
4	REVISED TO SHOW WATER SERVICE DETAILS	6/30/08
3	REVISED LOT 7 AREA	3/30/08
2	REVISED TO SHOW INCREASED PARKING WIDTHS, DENSITY RESERVE NOTATION, SETBACK LINES	1/30/08
1	REVISED ACHIEVEMENTS OF LOTS/ADDED NOTES/REMOVED ACCESS EASIM. ON WHITE'S LOT/ADDED VOL. AND PAGE	9/11/08

**SUMMIT ENGINEERING, INC.**  
Engineers • Surveyors • Planners • Landscape Architects

1233 Shelburne Road, C2  
South Burlington, VT 05403  
Bus. (802) 658-5588

**OVERALL SITE PLAN**  
DATE: 9/9/08  
DRAWING NO: S3  
PROJECT NO: 8053

U.S. ROUTE 2  
NORTH HERO, VERMONT