

TEST PITS PERFORMED 5/16/16

EXCAVATOR: WARD PRESTON
TOWN OF CHARLOTTE REP: BRIAN TREMBACK

TP #1
0-8 DARK BROWN VERY FINE SANDY LOAM, TOPSOIL
8-24 LIGHT ORANGE BROWN FINE SANDY LOAM
24-48 ORANGE BROWN SANDY LOAM W/ STONES, ROOTS
48-68 DARK ORANGE BROWN GRAVELLY SANDY LOAM, SHELLS
SEEPS @ 68" ESTIMATED SHGW @ 64"

TP #2
0-10 DARK BROWN VERY FINE SANDY LOAM, TOPSOIL
10-24 LIGHT ORANGE BROWN FINE SANDY LOAM
24-36 ORANGE BROWN SANDY LOAM W/ STONES, ROOTS
36-68 DARK GREY BROWN GRAVELLY SAND W/ STONES, SHELLS
SILT LOAM & SLIGHT SEEP @ BOTTOM OF PIT

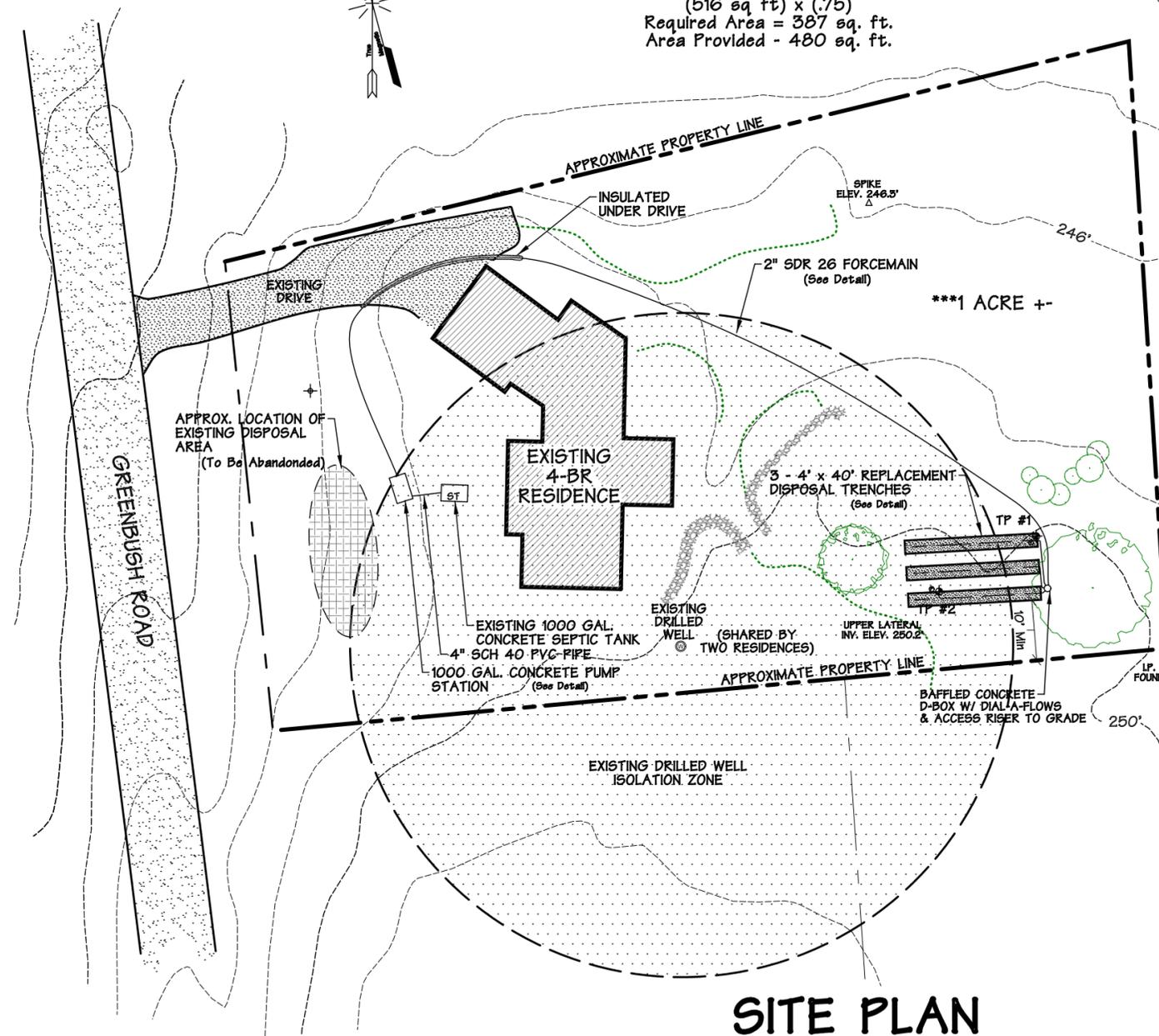
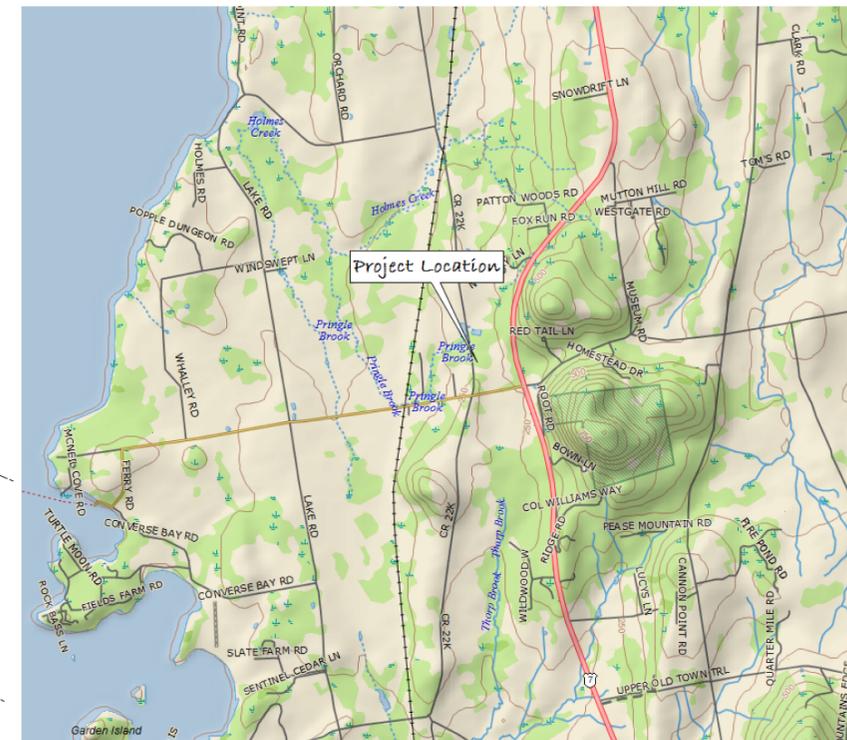
PERCOLATION TEST

P-1 - 10 MIN/INCH
P-2 - 6 MIN/INCH

Minimum Isolation Distances
From Leachfield

Drilled Well 100 Feet (200 Feet Downslope)
Waterline 25 Feet
Roadway/Driveway 10 Feet (25 Feet Downslope)
Streams/Lakes 50 Feet
Foundations 35 Feet (75 Feet Downslope)
Property Line 25 Feet

Replacement System
Basis of Design
4-Bedrooms Total
3-BR's @ 140 GPD & 1-BR = 490 GPD
Use Perc Rate 10 Min/Inch
Disposal Area Sizing (490sq ft.) / (.95)
75% Sizing for Using 18" of Stone
(516 sq ft) x (.75)
Required Area = 387 sq. ft.
Area Provided - 480 sq. ft.



LEGEND

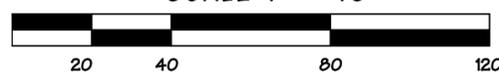
- ST SEPTIC TANK
- ⊙ DRILLED WELL
- ⊕ TEST PITS
- △ TRANSIT POINT
- ⊙ PERCOLATION TEST

NOTES:

- PARCEL INFORMATION OBTAINED FROM TOWN TAX MAPS AND INFORMATION OBTAINED IN THE FIELD *****THIS IS NOT A SURVEY*****
- CONTOUR INFORMATION OBTAINED W/ JAVAD RTK GNSS RECEIVER & YCGI LIDAR INFORMATION
- THIS PROPOSAL IS INTENDED TO UPGRADE & REPLACE AN EXISTING SUBSTANDARD DISPOSAL DISPOSAL SYSTEM.
- THIS PLAN IS INTENDED FOR SEPTIC PERMITTING ONLY AND NO OTHER USE IS PERMITTED
- PRIOR TO ANY CONSTRUCTION ON THE LOT, A SITE VISIT SHALL TAKE PLACE WITH THE OWNER, CONTRACTOR & DESIGNER TO DISCUSS & VERIFY SYSTEM & WELL LOCATIONS
- THE DESIGNER HAS DETERMINED A LOCATION FOR WASTEWATER DISPOSAL SYSTEMS ON THE PROPERTY BASED ON A SITE EVALUATION & SOIL TESTING
- THE OWNER OF THE PARCEL IS RESPONSIBLE FOR PROPER OPERATION & MAINTENANCE OF THE PROPOSED SYSTEM TO PROTECT PUBLIC HEALTH & GROUNDWATER
- THE SEPTIC TANK SHALL BE CHECKED FOR SOLIDS ON A YEARLY BASIS & PUMPED AS NEEDED. THE DISTRIBUTION BOX SHALL ALSO BE CHECKED AT THIS TIME & CLEANED IF NECESSARY
- THE LIFE OF THE SYSTEM CANNOT BE ESTIMATED DUE TO CONDITIONS BEYOND THE CONTROL OF THE DESIGNER SUCH AS EXCESS GROUNDWATER, RAINWATER, & THE INTRODUCTION OF FOREIGN MATERIAL INTO THE SYSTEM
- WATER SAVING DEVICES AND WATER CONSERVATION IS RECOMMENDED
- DUE TO INSTANCES BEYOND THE CONTROL OF THE DESIGNER, THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE CONTINUED FUNCTIONING AND PROPER USE & MAINTENANCE OF THE SYSTEM
- GARBAGE DISPOSAL ARE NOT RECOMMENDED. IF THEY ARE USED, THE SEPTIC TANK SHALL BE DOUBLED IN SIZE.
- PRIOR TO CONSTRUCTION THE OWNERS SHALL REVIEW THE PLANS & CONTACT THE DESIGNER WITH ANY QUESTIONS REGARDING THE PLANS. MODIFICATIONS TO THE DESIGN OR CONSTRUCTION PROCEDURES MAY LEAD TO SYSTEM FAILURE WITH NO RESPONSIBILITY OF THE DESIGNER
- THIS PLAN IS INTENDED TO MEET THE CURRENT STATE OF VERMONT WASTEWATER RULES TO THE EXTENT POSSIBLE.

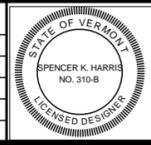
SITE PLAN

SCALE 1" = 40'



THIS PROPOSAL IS INTENDED TO UPGRADE & REPLACE AN EXISTING SUBSTANDARD DISPOSAL SYSTEM AND MAY NOT MEET THE FULL REQUIREMENTS OF THE VERMONT E.P.R.'s

THIS IS NOT A SURVEY



WEED
2631 GREENBUSH ROAD
CHARLOTTE, VERMONT

**REPLACEMENT
SEPTIC DESIGN**



SEPTIC SYSTEM DESIGNS
TOPOGRAPHIC SITE PLANS & MAPPING
G.P.S. MAPPING
P.O. BOX 384
BRISTOL, VERMONT 05443
453-2351

Drawn:	SKH
Date:	6/9/16
Scale:	AS SHOWN
Project:	WEED
Sheet:	1 OF 2

No.	DATE	DESCRIPTION	BY