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 BASIS OF DESIGN
Existing 4-BR Residence

3-BR's @ 140 GPD & 1-BR @ 70 GPD= 490 GPD
Use Perc Rate 11 Min/Inch
Disposal Area Sizing (490sq ft.) / (.9)
Required Area = 544 sq. ft.
Area Provided - 600 sq. ft.

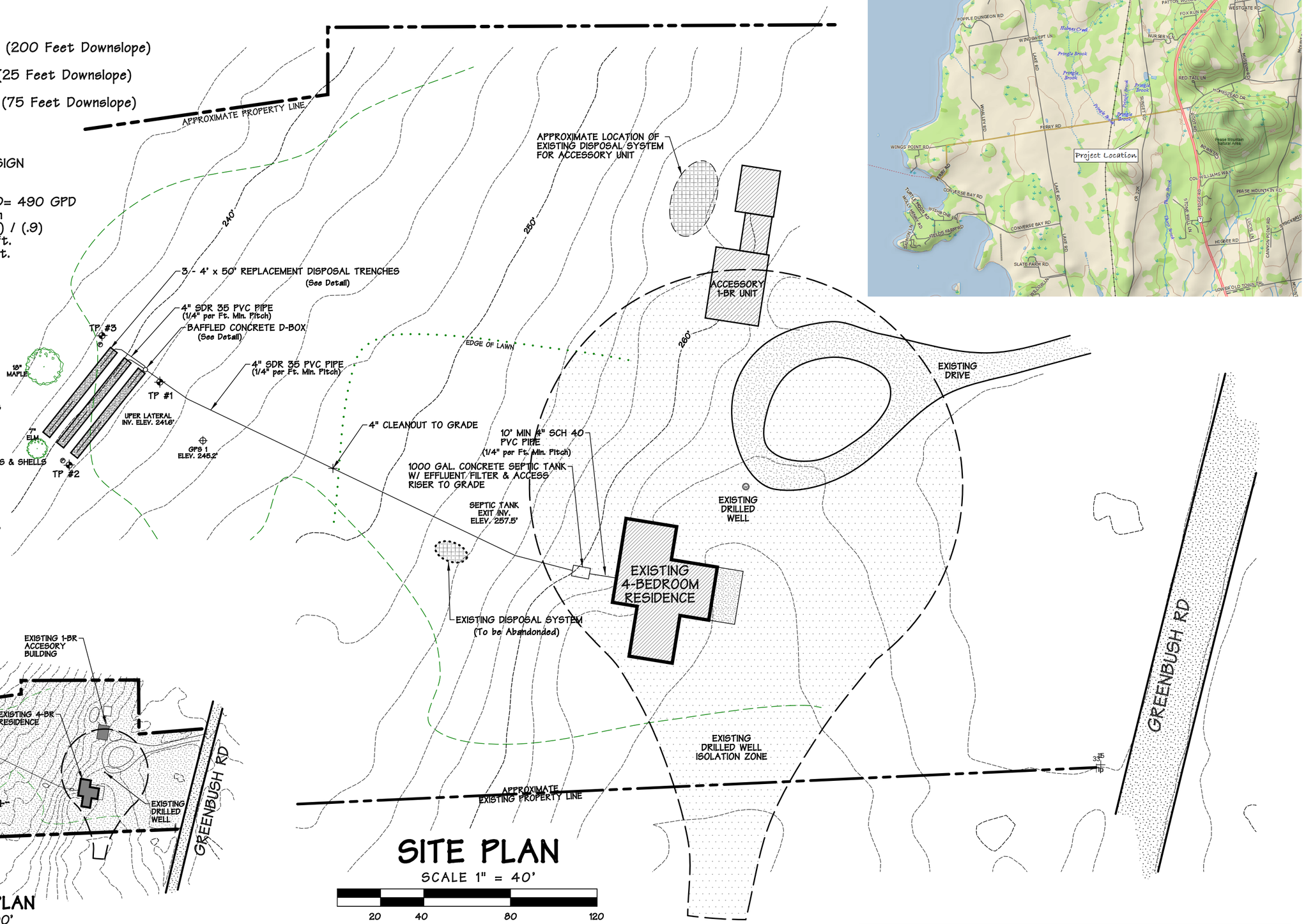
TEST PITS PERFORMED 11/8/16
EXCAVATOR: SCOTT BARNES

TP #1
0-5 BROWN VERY FINE SANDYU LOAM, TOPSOIL, ROOTS
5-26 ORANGE BROWN VERY FINE SANDY LOAM, W/ STONES
26-57 DARK GREY BROWN MEDIUM SAND W/ STONES & SHELLS
57-68 LIGHT BROWN SILT LOAM, FIRM
STAINING @ 58"

TP #2
0-6 BROWN VERY FINE SANDYU LOAM, TOPSOIL, ROOTS
6-29 ORANGE BROWN VERY FINE SANDY LOAM, W/ STONES
29-60 DARK GREY BROWN MEDIUM GRAVELLY SAND W/ STONES & SHELLS
60-71 LIGHT BROWN SILT LOAM, FIRM
STAINING @ 60"

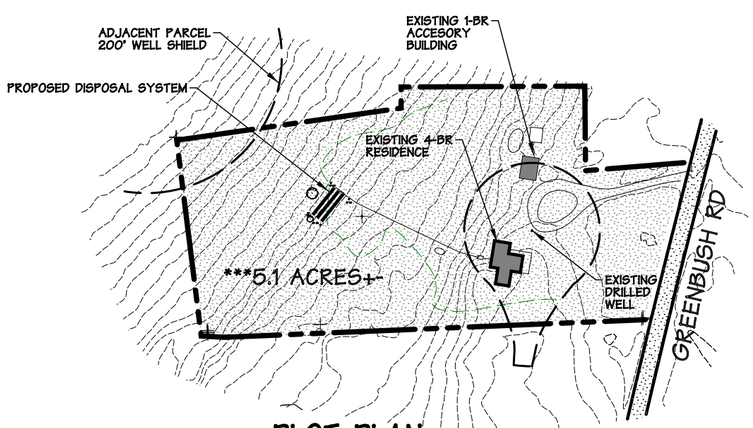
TP #3
0-6 BROWN VERY FINE SANDYU LOAM, TOPSOIL, ROOTS
6-33 ORANGE BROWN VERY FINE SANDY LOAM, W/ STONES
33-36 LIGHT GREY STONEY LOAM
36-54 DARK GREY BROWN MEDIUM SAND W/ STONES & SHELLS
54-66 LIGHT BROWN SILT LOAM, FIRM
STAINING @ 54"

PERCOLATION TEST
P-1 - 7 MIN/INCH
P-2 - 11 MIN/INCH



SITE PLAN
SCALE 1" = 40'

20 40 80 120



PLOT PLAN
1"=200'

THIS IS NOT A SURVEY

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

No.	DATE	DESCRIPTION	BY

STATE OF VERMONT — SPENCER K. HARRIS NO. 310-B — LICENSED DESIGNER

DATE

WRIGHT
3046 GREENBUSH RD
CHARLOTTE, VERMONT

REPLACEMENT SEPTIC DESIGN

VERMONT CONTOURS INC.

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

Drawn:	SKH
Date:	11/30/16
Scale:	AS SHOWN
Project:	WRIGHT
Sheet:	1 OF 2