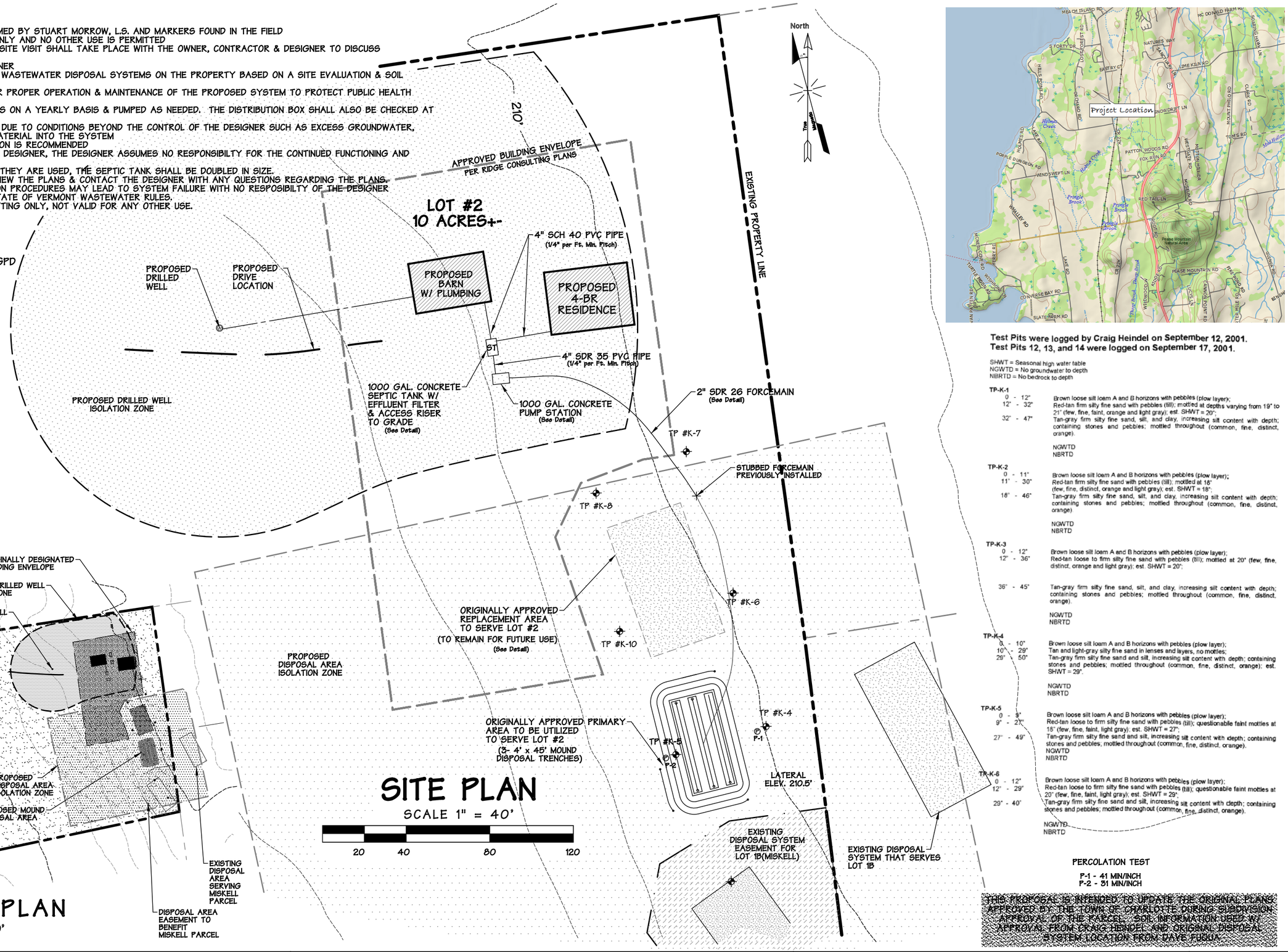
NOTES:

- PARCEL INFORMATION BASED ON SURVEY PERFORMED BY STUART MORROW, L.S. AND MARKERS FOUND IN THE FIELD
- THIS PLAN IS INTENDED FOR SEPTIC PERMITTING ONLY AND NO OTHER USE IS PERMITTED
- PRIOR TO ANY CONSTRUCTION ON THE PARCEL, A SITE VISIT SHALL TAKE PLACE WITH THE OWNER, CONTRACTOR & DESIGNER TO DISCUSS & VERIFY SYSTEM & WELL LOCATIONS
- PROPOSED DRIVEWAY LOCATION PROVIDED BY OWNER
- THE DESIGNER HAS DETERMINED A LOCATION FOR WASTEWATER DISPOSAL SYSTEMS ON THE PROPERTY BASED ON A SITE EVALUATION & SOIL TEST PITS.
- THE OWNER OF THE PARCELS IS RESPONSIBLE FOR PROPER OPERATION & MAINTENANCE OF THE PROPOSED SYSTEM TO PROTECT PUBLIC HEALTH & GROUNDWATER
- THE SEPTIC TANKS SHALL BE CHECKED FOR SOLIDS ON A YEARLY BASIS & PUMPED AS NEEDED. THE DISTRIBUTION BOX SHALL ALSO BE CHECKED AT THIS TIME & CLEANED IF NECCESARY
- 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 RESPONSIBILTY FOR THE CONTINUED FUNCTIONING AND PROPER USE & MAINTENNANCE OF THE SYSTEM
- GARBAGE DISPOSAL ARE NOT RECOMMENDED. IF THEY ARE USED, THE SEPTIC TANK SHALL BE DOUBLED IN SIZE.
- PRIOR TO CONSTRUCTION THE ONWERS 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 RESPOSIBILTY OF THE DESIGNER
- THIS PLAN IS INTENDED TO MEET THE CURRENT STATE OF VERMONT WASTEWATER RULES.
- THIS PLAN IS INTENDED FOR WASTEWATER PERMITTING ONLY, NOT VALID FOR ANY OTHER USE.

BASIS OF DESIGN
Proposed 4-BR Residence

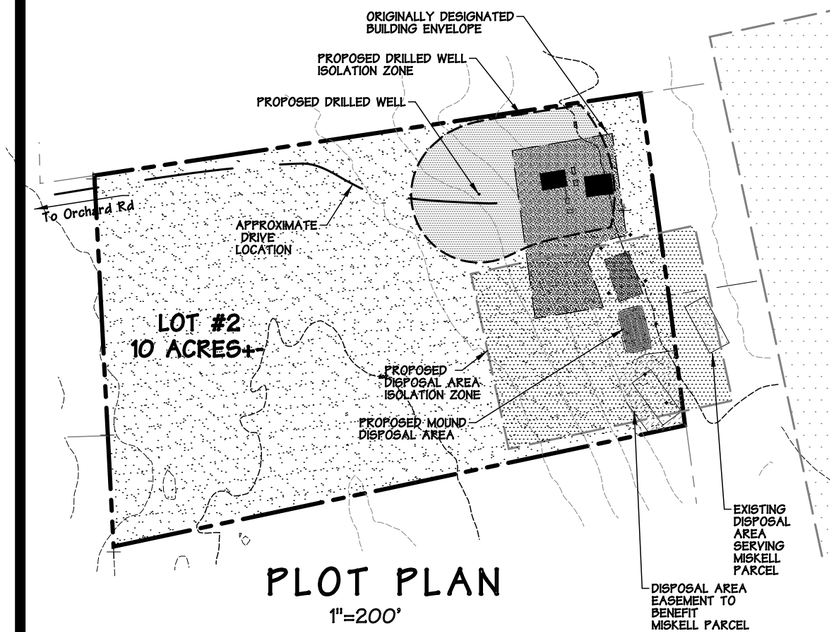
3- BR's @ 140 GPD & 1-BR @ 70 = 490 GPD
Use Loading Rate - 1 gal/sq ft.
Disposal Area: 490 gal/1 gal.sq ft.
Required Area = 490 sq. ft.
Area Provided = 540 sq ft.

LEGEND
- ST SEPTIC TANK
- DRILLED WELL
- TEST PITS
- P PERCOLATION TEST



SITE PLAN
SCALE 1" = 40'

20 40 80 120



PLOT PLAN
1"=200'

Test Pits were logged by Craig Heindel on September 12, 2001.
Test Pits 12, 13, and 14 were logged on September 17, 2001.

SHWT = Seasonal high water table
NGWTD = No groundwater to depth
NBRTD = No bedrock to depth

TP-K-1
0 - 12" Brown loose silt loam A and B horizons with pebbles (plow layer);
12" - 32" Red-tan firm silty fine sand with pebbles (till); mottled at depths varying from 19" to 21" (few, fine, faint, orange and light gray); est. SHWT = 20";
32" - 47" Tan-gray firm silty fine sand, silt, and clay, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange).
NGWTD
NBRTD

TP-K-2
0 - 11" Brown loose silt loam A and B horizons with pebbles (plow layer);
11" - 30" Red-tan firm silty fine sand with pebbles (till); mottled at 18" (few, fine, distinct, orange and light gray); est. SHWT = 18";
18" - 46" Tan-gray firm silty fine sand, silt, and clay, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange)
NGWTD
NBRTD

TP-K-3
0 - 12" Brown loose silt loam A and B horizons with pebbles (plow layer);
12" - 36" Red-tan loose to firm silty fine sand with pebbles (till); mottled at 20" (few, fine, distinct, orange and light gray); est. SHWT = 20";
36" - 45" Tan-gray firm silty fine sand, silt, and clay, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange).
NGWTD
NBRTD

TP-K-4
0 - 10" Brown loose silt loam A and B horizons with pebbles (plow layer);
10" - 29" Tan and light-gray silty fine sand in lenses and layers, no mottles;
29" - 50" Tan-gray firm silty fine sand and silt, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange); est. SHWT = 29".
NGWTD
NBRTD

TP-K-5
0 - 9" Brown loose silt loam A and B horizons with pebbles (plow layer);
9" - 27" Red-tan loose to firm silty fine sand with pebbles (till); questionable faint mottles at 18" (few, fine, faint, light gray); est. SHWT = 27";
27" - 49" Tan-gray firm silty fine sand and silt, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange).
NGWTD
NBRTD

TP-K-6
0 - 12" Brown loose silt loam A and B horizons with pebbles (plow layer);
12" - 29" Red-tan loose to firm silty fine sand with pebbles (till); questionable faint mottles at 20" (few, fine, faint, light gray); est. SHWT = 29";
29" - 40" Tan-gray firm silty fine sand and silt, increasing silt content with depth; containing stones and pebbles; mottled throughout (common, fine, distinct, orange).
NGWTD
NBRTD

PERCOLATION TEST
P-1 - 41 MIN/INCH
P-2 - 31 MIN/INCH

THIS PROPOSAL IS INTENDED TO UPDATE THE ORIGINAL PLANS APPROVED BY THE TOWN OF CHARLOTTE DURING SUBDIVISION APPROVAL OF THE PARCEL. SOIL INFORMATION USED W/ APPROVAL FROM CRAIG HEINDEL AND ORIGINAL DISPOSAL SYSTEM LOCATION FROM DAVE FUSUA.

No.	DATE	DESCRIPTION	BY

STATE OF VERMONT — SPENCER K. HARRIS NO. 310-8 — LICENSED DESIGNER

DATE

MACIK
955 ORCHARD RD.
CHARLOTTE, VERMONT

SEPTIC DESIGN UPDATE

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:	10/22/15
Scale:	AS SHOWN
Project:	MACIK
Sheet:	1 OF 2