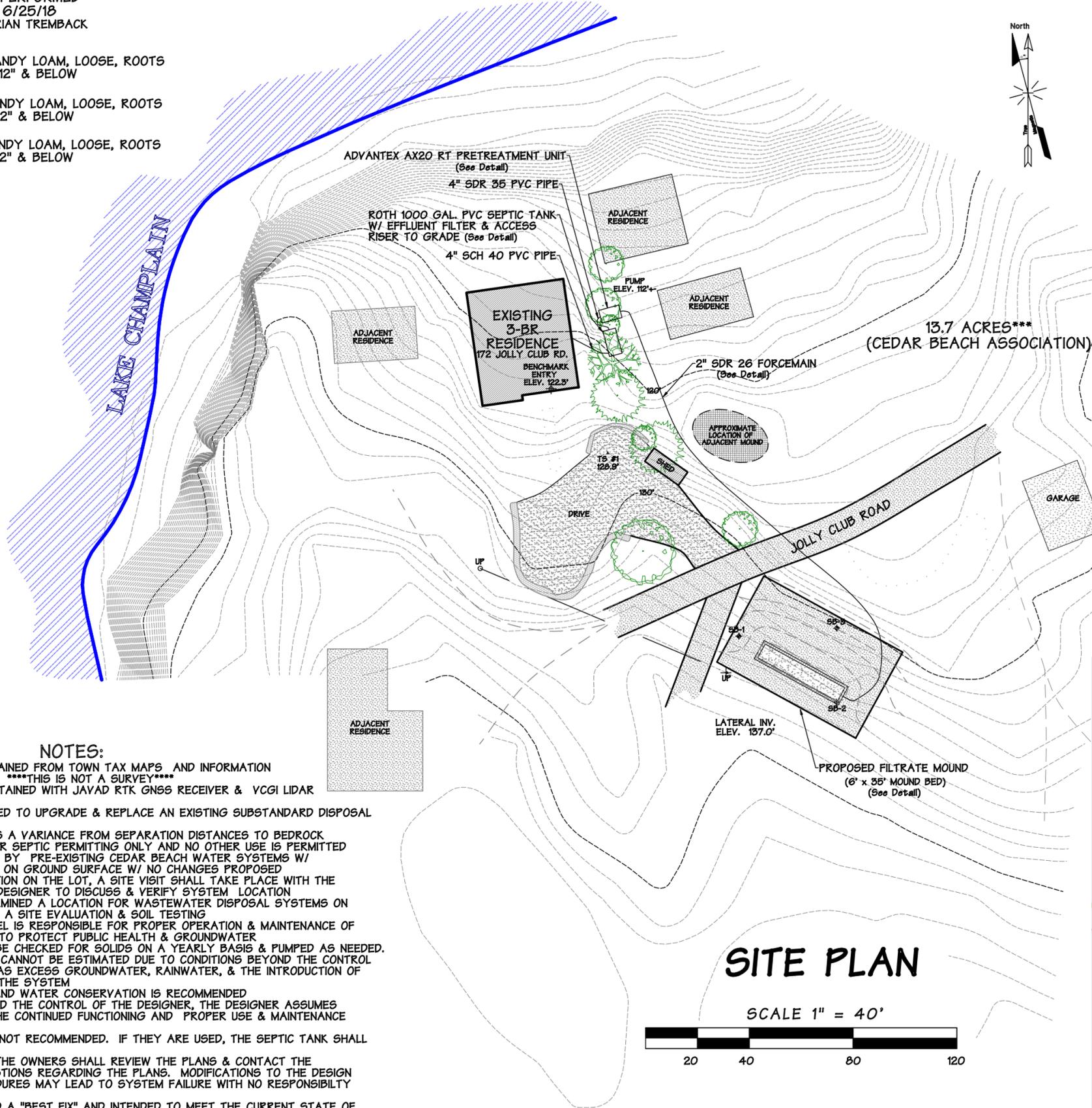


SOIL BORINGS PERFORMED  
6/18/18 & 6/25/18  
TOWN ENGINEER: BRIAN TREMBACK

SB-1  
0-12" DARK BROWN SANDY LOAM, LOOSE, ROOTS  
FRACTURED BEDROCK 12" & BELOW  
SB-2  
0-13" DARK BROWN SANDY LOAM, LOOSE, ROOTS  
FRACTURED BEDROCK 12" & BELOW  
SB-3  
0-12" DARK BROWN SANDY LOAM, LOOSE, ROOTS  
FRACTURED BEDROCK 12" & BELOW



**BASIS OF DESIGN**  
3- Bedrooms @ 140 GPD = 420 GPD  
Filtrate system Loading Rate  
420 sq ft/2 gal per sq ft  
Required Area = 210 sq. ft.  
Area Provided - 210 sq. ft.

**NOTES:**

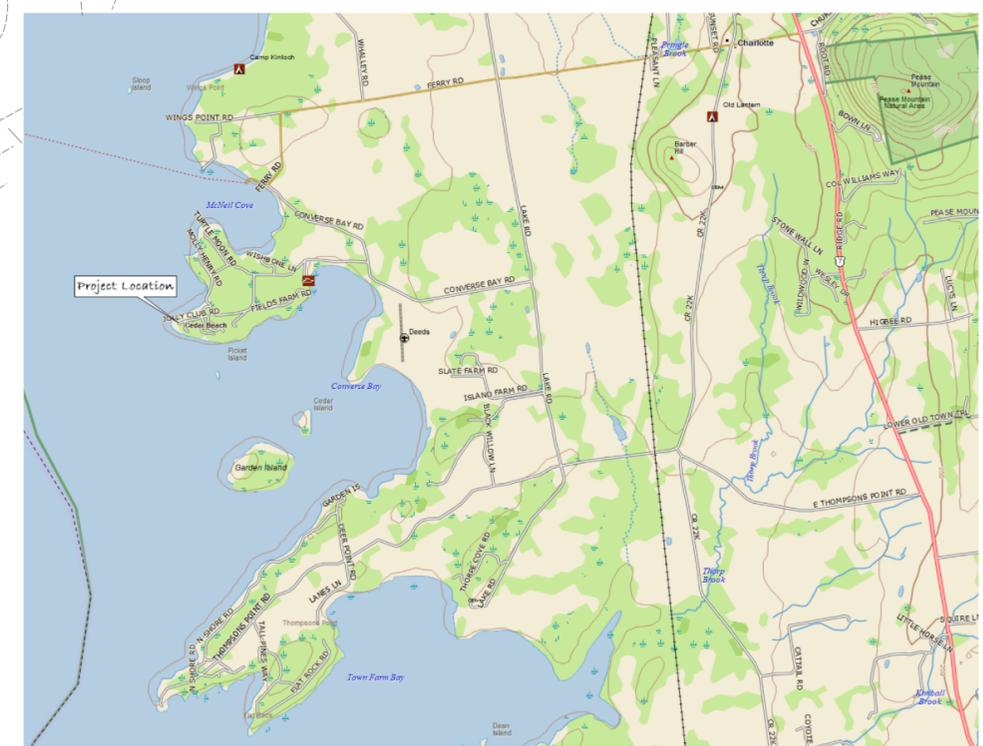
- PARCEL INFORMATION OBTAINED FROM TOWN TAX MAPS AND INFORMATION OBTAINED IN THE FIELD \*\*\*\*\*THIS IS NOT A SURVEY\*\*\*\*\*
- CONTOUR INFORMATION OBTAINED WITH JAVAD RTK GNSS RECEIVER & YCGI LIDAR INFORMATION
- THIS PROPOSAL IS INTENDED TO UPGRADE & REPLACE AN EXISTING SUBSTANDARD DISPOSAL DISPOSAL SYSTEM.
- THIS PROPOSAL REQUIRES A VARIANCE FROM SEPARATION DISTANCES TO BEDROCK
- THIS PLAN IS INTENDED FOR SEPTIC PERMITTING ONLY AND NO OTHER USE IS PERMITTED
- WATER SERVICE PROVIDED BY PRE-EXISTING CEDAR BEACH WATER SYSTEMS W/ SEASONALLY USED LINES ON GROUND SURFACE W/ NO CHANGES PROPOSED
- PRIOR TO ANY CONSTRUCTION ON THE LOT, A SITE VISIT SHALL TAKE PLACE WITH THE OWNER, CONTRACTOR & DESIGNER TO DISCUSS & VERIFY SYSTEM LOCATION
- 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 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 CONSIDERED A "BEST FIX" AND INTENDED TO MEET THE CURRENT STATE OF VERMONT WASTEWATER RULES TO THE EXTENT POSSIBLE.

**SITE PLAN**

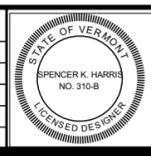


THIS PROPOSAL IS INTENDED TO UPGRADE & REPLACE AN EXISTING SUBSTANDARD DISPOSAL SYSTEM AND MAY NOT MEET THE FULL REQUIREMENTS OF THE VERMONT E.P.R's

\*\*\*THIS IS NOT A SURVEY\*\*\*



No.	DATE	DESCRIPTION	BY



**MELBY**  
172 JOLLY CLUB RD  
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: 10/12/18  
Scale: AS SHOWN  
Project: MELBY  
Sheet: 1 OF 3