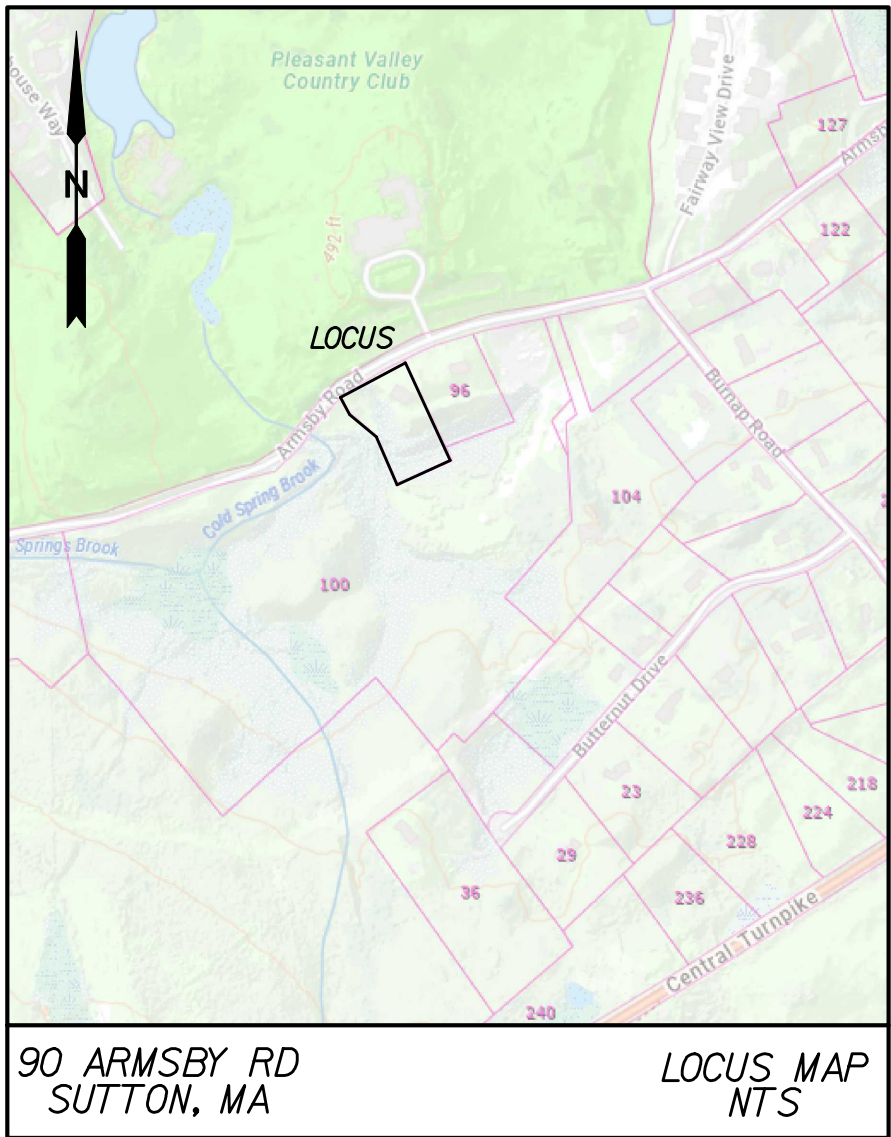
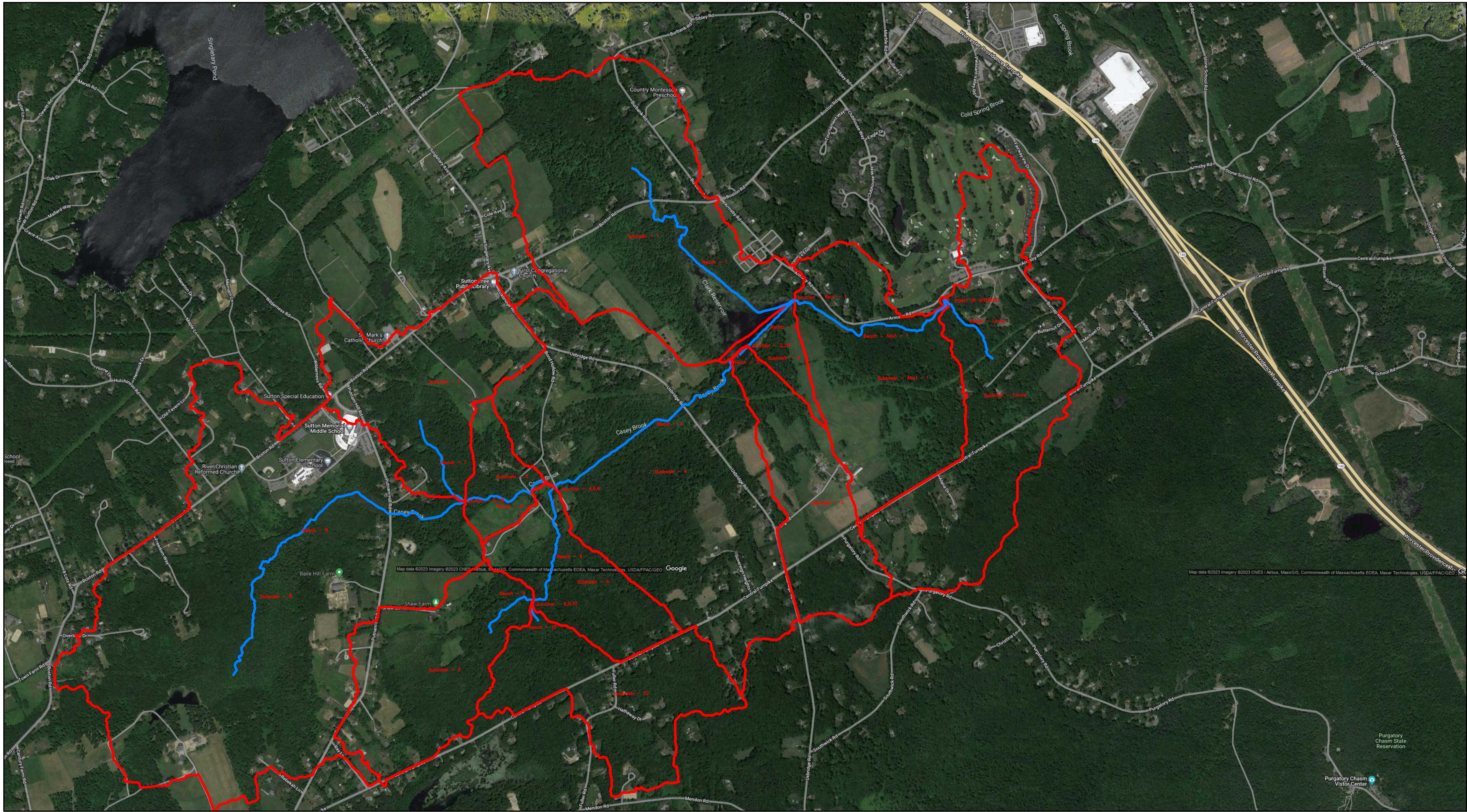




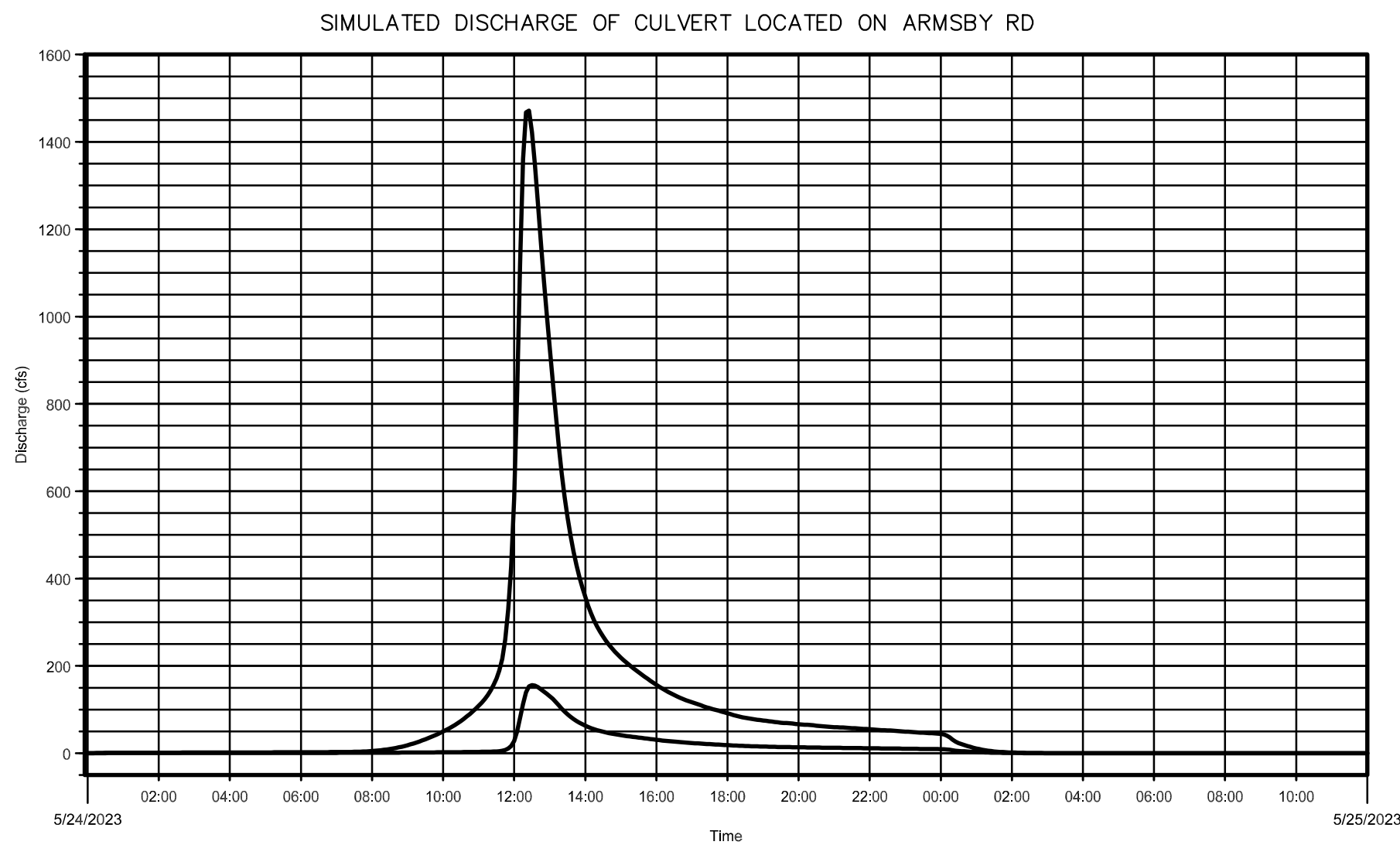
90 ARMSBY RD
SUTTON, MA

LOCUS MAP
NTS

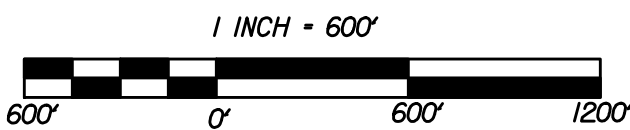
TOPOGRAPHIC SURVEY WAS CONDUCTED IN FEBRUARY, 2023.

SUPPLEMENTAL ELEVATION DATA WAS GATHERED FROM MASS
GIS DATABASES. ELEVATIONS ARE SHOWN ON NAVD83
COORDINATES.

THIS PLAN TO BE USED FOR STORMWATER
EVALUATION PURPOSES ONLY. THIS PLAN IS NOT TO
BE USED TO ESTABLISH PROPERTY LINES. PROPERTY
INFORMATION WAS COMPILED FROM RECORDED DEEDS
AND PLANS. SEE PLAN BOOK 207, PLAN 119.



SIMULATION RESULTS FOR THE EXISTING DRAINAGE CONDITIONS AT 90 ARMSBY RD				
Hydrologic Element	Drainage Area (acres)	Maximum Outflow (cfs)	Time of Peak	Volume (ac-ft)
Junction - 2,3,4	1451.859	3446.44	24May2023, 12:30	630.473
Junction - 4,5,6	1016.192	2187.61	24May2023, 12:30	444.439
Junction - 5,7,8	662.186	1338.66	24May2023, 12:45	296.462
Junction - 6,8,10	244.880	601.91	24May2023, 12:30	101.304
Junction - Abut - 1	310.196	641.49	24May2023, 12:45	127.439
Junction - Locus	683.328	1471.24	24May2023, 12:25	266.329
Reach - 1	0.000	0.00	24May2023, 00:00	0.000
Reach - 2	1451.859	3429.53	24May2023, 12:30	630.579
Reach - 3	0.000	0.00	24May2023, 00:00	0.000
Reach - 4	1016.192	2184.47	24May2023, 12:35	444.629
Reach - 5	662.186	1333.66	24May2023, 12:45	296.440
Reach - 6	244.880	767.80	24May2023, 12:25	101.185
Reach - 7	0.000	0.00	24May2023, 00:00	0.000
Reach - 8	0.000	0.00	24May2023, 00:00	0.000
Reach - 9	0.000	0.00	24May2023, 00:00	0.000
Reach - 10	0.000	0.00	24May2023, 00:00	0.000
Reach - Abut - 1	310.196	641.29	24May2023, 12:50	127.484
Reach - Locus	0.000	0.00	24May2023, 00:00	0.000
Subbasin - 1	290.449	621.92	24May2023, 12:45	118.624
Subbasin - 2	19.747	87.59	24May2023, 12:10	8.816
Subbasin - 3	101.122	317.00	24May2023, 12:20	41.452
Subbasin - 4	532.345	991.21	24May2023, 12:25	144.392
Subbasin - 5	33.718	136.19	24May2023, 12:10	13.624
Subbasin - 6	77.408	270.19	24May2023, 12:20	33.190
Subbasin - 7	136.668	439.97	24May2023, 12:25	62.683
Subbasin - 8	525.519	1089.20	24May2023, 12:55	233.780
Subbasin - 9	124.687	411.56	24May2023, 12:20	54.246
Subbasin - 10	120.193	290.38	24May2023, 12:20	47.098
Subbasin - Abut - 1	157.467	520.02	24May2023, 12:15	61.830
Subbasin - Locus	215.666	562.32	24May2023, 12:20	77.015



PLAN BOOK/PLAN 302/49
DEED BOOK/PAGE 67877/267
OWNER MATTHEW & CATHERINE KALISZEWSKI
MAP/LOT 17/79
LOT 3
ZONE R1

REVISION	DESCRIPTION	DATE

FLOODPLAIN EVALUATION

PLAN
FOR
MMSJ INVESTMENTS, LLC.
90 ARMSBY RD.
SUTTON, MA 01590

DATE : MAY 26, 2023

SCALE : 1" = 600'

CIVIL ENGINEERING LLC

SUITE 206
10 RIVER ROAD
UXBRIDGE, MA 01569
SITE PLANNING SEPTIC DESIGN WETLANDS

DESIGNED BY: BGV 5/26/2023
REVISED BY: WEB 5/26/2023

PROJ. # S22197.DWG