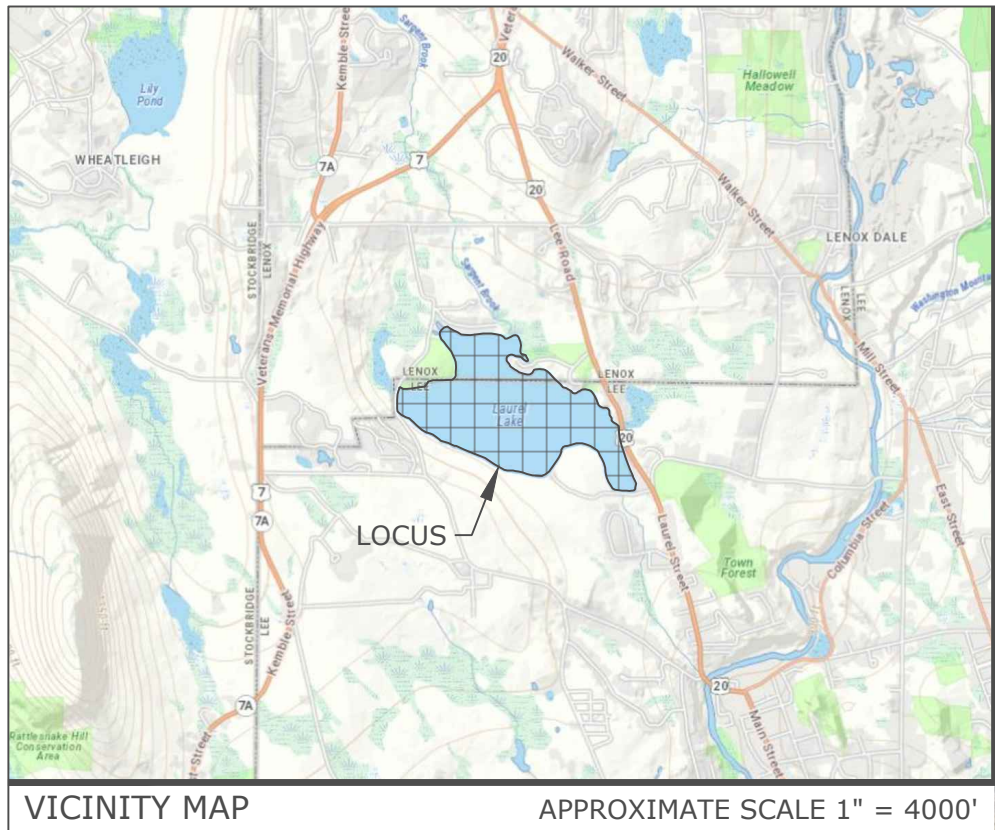
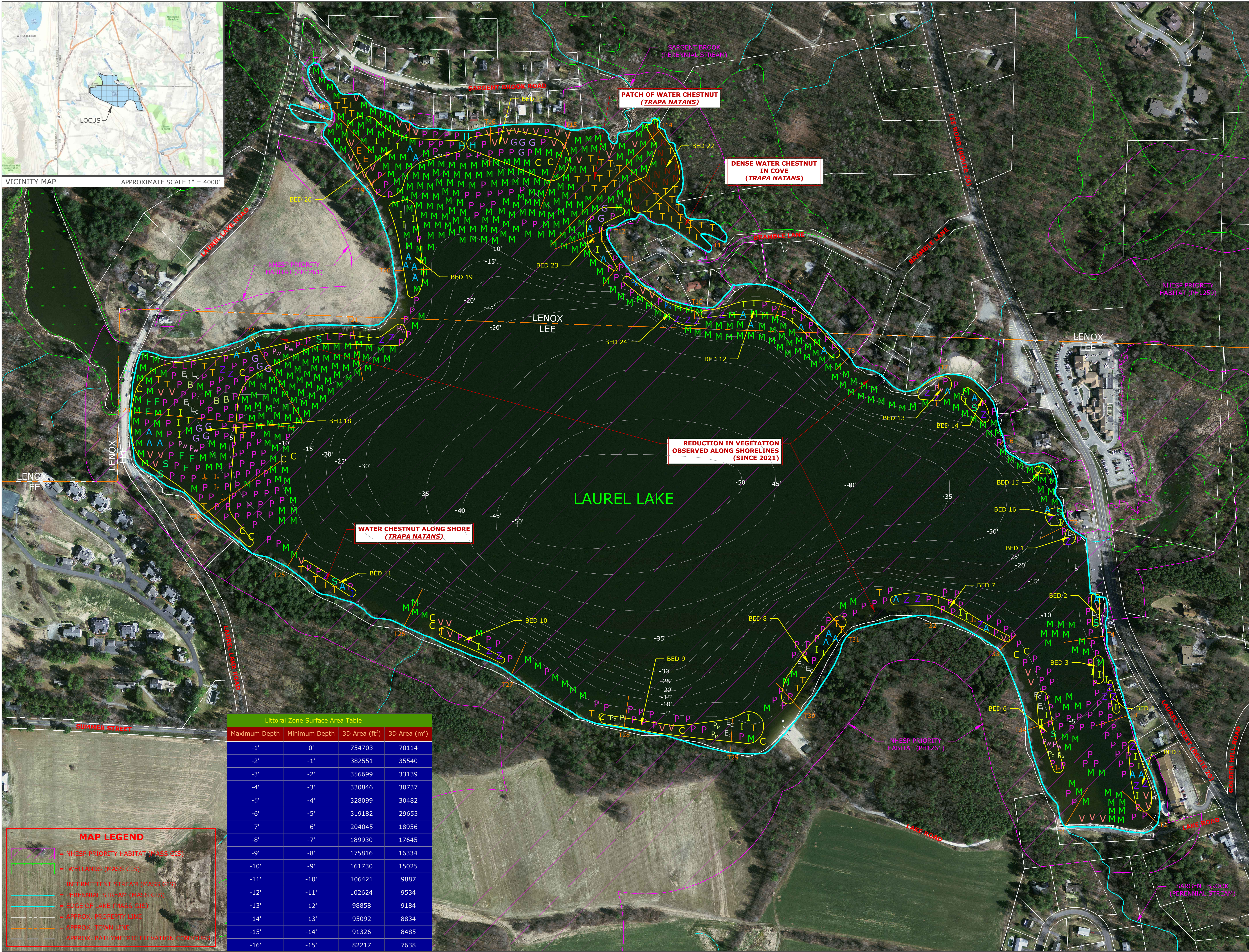




VICINITY MAP APPROXIMATE SCALE 1" = 400'



Littoral Zone Surface Area Table			
Maximum Depth	Minimum Depth	3D Area (ft²)	3D Area (m²)
-1'	0'	754703	70114
-2'	-1'	382551	35540
-3'	-2'	356699	33139
-4'	-3'	330846	30737
-5'	-4'	328099	30482
-6'	-5'	319182	29653
-7'	-6'	204045	18956
-8'	-7'	189930	17645
-9'	-8'	175816	16334
-10'	-9'	161730	15025
-11'	-10'	106421	9887
-12'	-11'	102624	9534
-13'	-12'	98858	9184
-14'	-13'	95092	8834
-15'	-14'	91326	8485
-16'	-15'	82217	7638

- MAP LEGEND**
- NHESP PRIORITY HABITAT (MASS GIS)
 - WETLANDS (MASS GIS)
 - INTERMITTENT STREAM (MASS GIS)
 - PERENNIAL STREAM (MASS GIS)
 - EDGE OF LAKE (MASS GIS)
 - APPROX. PROPERTY LINE
 - APPROX. TOWN LINE
 - APPROX. BATHYMETRIC ELEVATION (FORESIGHT)

GENERAL NOTES ABOUT COMPILED SITE PLAN BASE MAP:
The site plan base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes MassGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts Office of Environmental Affairs) Aerial Photos, FEMA flood maps, and other published sources. Property lines are compiled from deeds, record surveys and assessors mapping. Utilities are from available plans, records and direct observation.

The bathymetric topography of Laurel Lake is based upon approximate bathymetric data available from the Massachusetts Division of Fisheries & Wildlife.

All compiled information is approximate only and is subject to field verification and change.

NOTES REGARDING GPS VEGETATION SURVEY:
The location and quantity information of aquatic vegetation within Laurel Lake contained within this map was collected in field on October 7, 2021, and July 13-19, 2023 using a handheld GPS unit. The location information collected using the GPS unit in field should be considered approximate only.

SUBMERGED AQUATIC VEGETATION LEGEND

- NON-NATIVE**
- M** = Eurasian watermilfoil (*Myriophyllum spicatum*) 2021 Surv.
 - P** = Curly pondweed (*Potamogeton crispus*) 2021 Survey
 - T** = Water chestnut (*Trapa natans*)
 - H** = Waterhyacinth/Hydrilla (*Hydrilla verticillata*) 2021 Survey
 - J** = Brittle waterlily (*Najas minor*) 2021 Survey
 - R** = Muskgrass (*Chara*) 2021 Survey
- NATIVE**
- V** = American eelgrass (*Vallisneria spiralis*)
 - C** = Hornwort/Coontail (*Ceratophyllum demersum*) 2021 Surv.
 - N** = Floating pondweed (*Potamogeton natans*)
 - E** = Western waterweed (*Elodea nuttallii*) 2021 Survey
 - A** = White water-crowfoot (*Ranunculus aquatilis*)
 - Z** = Flat-stem pondweed (*Potamogeton zosterifolius*)
 - I** = Shining pondweed (*Potamogeton illinoensis*)
 - Pp** = Slender pondweed (*Potamogeton pusillus*)
 - Pw** = Whitestem pondweed (*Potamogeton praelongus*)
 - G** = Grass-leaved pondweed (*Potamogeton gramineus*)
 - Pr** = Richardson's pondweed (*Potamogeton richardsonii*)
 - Ec** = Canadian pondweed (*Elodea canadensis*)
 - F** = Water horsetail (*Equisetum fluviatile*)
 - B** = Soft-stemmed bullrush (*Shoenopectus tabernaemontani*)
 - L** = Broadleaf cattail (*Typha latifolia*)
 - Jf** = Nodding waterlily (*Najas flexilis*)
 - S** = Sago Pondweed (*Stuckenia pectinata*)

VEGETATION BEDS OBSERVED JULY 2023 (VEG. OUTSIDE BEDS SURVEYED OCT. 2021) BED #17 UNUSED

T# SAMPLING TRANSECTS JULY 2023

1/12/24	Littoral zone surface area table	BGS
12/12/23	Added July 2023 survey	BGS
NO.	DATE	REVISION/ISSUE
BY		
PROJECT NO. E2962		
SCALE 1" = 200'		
DATE 4/26/2022		
DESIGNED BY JTA		
DRAWN BY JTA		
CHECKED BY SAM		
SHEET NO. AV-1		
OF SHEETS		
PROJECT TITLE LAUREL LAKE SUBMERGED AQUATIC VEGETATION - GPS SURVEY MAP		
PROJECT TITLE LAUREL LAKE PRESERVATION ASSOCIATION Laurel Street (Route 20) Lee, MA.		
FORESIGHT LAND SERVICES, INC. 1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201 TEL: (413) 499-1560 FAX: (413) 499-3307 WWW.FORESIGHTLAND.COM		
ENGINEERING SURVEYING PLANNING		