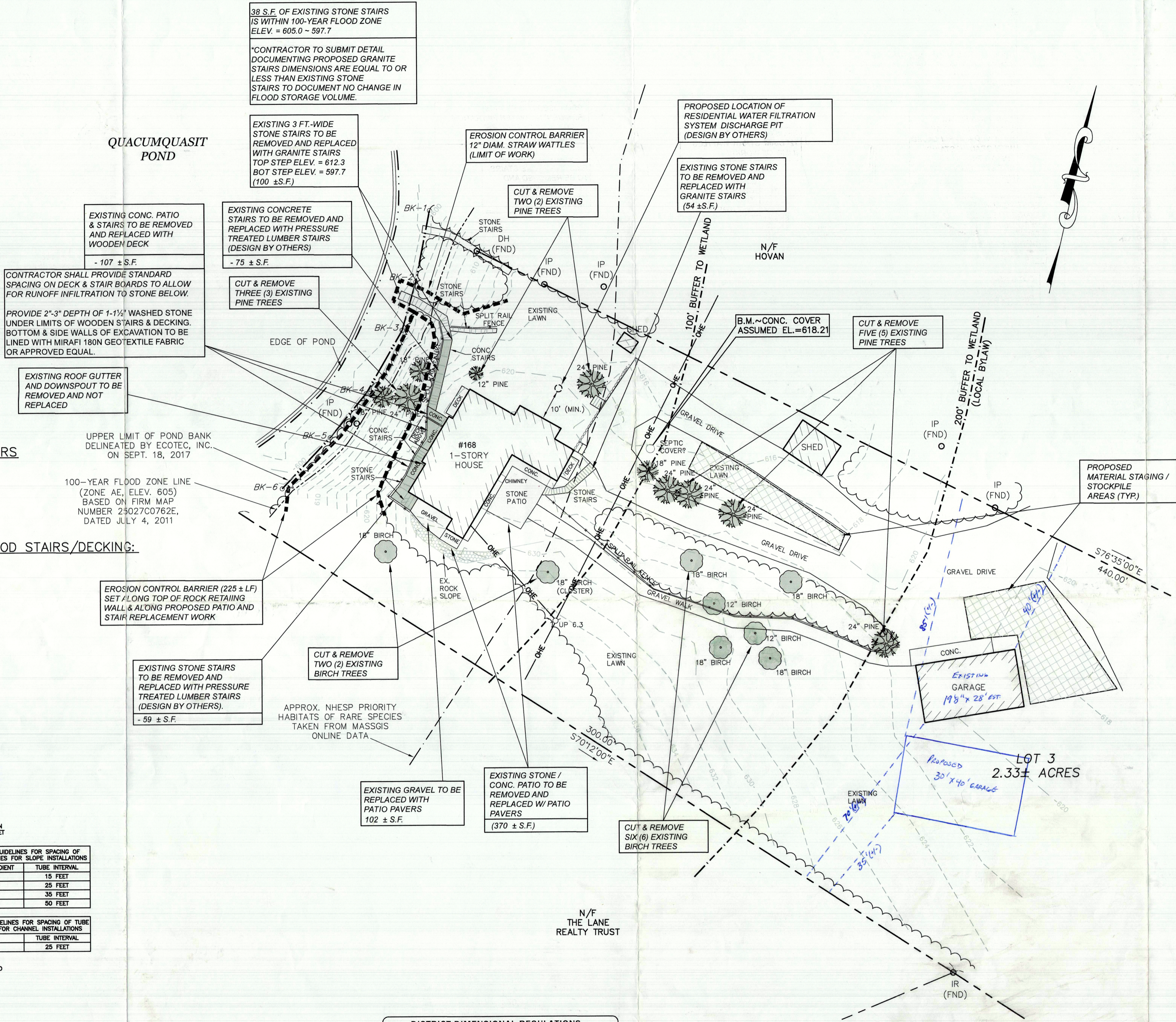


LEGEND

- N/F NOW OR FORMERLY
- BIT. BITUMINOUS
- CONC. CONCRETE
- EOP EDGE OF PAVEMENT
- SMH SEWER MANHOLE
- DMH DRAIN MANHOLE
- CB DRAIN CATCH BASIN
- D DRAIN LINE
- S SEWER LINE
- FM FORCE MAIN
- W WATER LINE
- G GAS LINE
- U/P UTILITY POLE
- OHW OVERHEAD WIRES
- UGE UNDERGROUND ELECTRIC
- WG WATER GATE
- TYP TYPICAL
- 100- EXISTING CONTOURS
- 100- PROPOSED CONTOURS
- 100x0 SPOT GRADE
- TREELINE
- BK-1 WETLAND FLAG WITH NUMBER (TYP)

QUACUMQUASIT POND



EXISTING GRAVEL CHANGE TO IMPERVIOUS PAVERS

EX. SIDEYARD GRAVEL AREA = 102 ±S.F.
TOTAL = 102 ±S.F.

EXISTING IMPERVIOUS CHANGE TO PERVIOUS WOOD STAIRS/DECKING:

REAR STONE STAIRS = 59 ±S.F.
REAR CONCRETE PATIO & STAIRS = 107 ±S.F.
REAR CONCRETE STAIRS = 75 ±S.F.
TOTAL = 241 ±S.F.

NET DECREASE IN IMPERVIOUS AREA = -139 S.F.

UPPER LIMIT OF POND BANK DELINEATED BY ECOTEC, INC. ON SEPT. 18, 2017
100-YEAR FLOOD ZONE LINE (ZONE AE, ELEV. 605) BASED ON FIRM MAP NUMBER 25027C0762E, DATED JULY 4, 2011

EROSION CONTROL BARRIER (225 ± LF) SET ALONG TOP OF ROCK RETAINING WALL & ALONG PROPOSED PATIO AND STAIR REPLACEMENT WORK

EXISTING STONE STAIRS TO BE REMOVED AND REPLACED WITH PRESSURE TREATED LUMBER STAIRS (DESIGN BY OTHERS).
- 59 ± S.F.

38 S.E. OF EXISTING STONE STAIRS IS WITHIN 100-YEAR FLOOD ZONE ELEV. = 605.0 - 597.7
*CONTRACTOR TO SUBMIT DETAIL DOCUMENTING PROPOSED GRANITE STAIRS DIMENSIONS ARE EQUAL TO OR LESS THAN EXISTING STONE STAIRS TO DOCUMENT NO CHANGE IN FLOOD STORAGE VOLUME.

EXISTING 3 FT.-WIDE STONE STAIRS TO BE REMOVED AND REPLACED WITH GRANITE STAIRS TOP STEP ELEV. = 612.3 BOT STEP ELEV. = 597.7 (100 ±S.F.)

EXISTING CONCRETE STAIRS TO BE REMOVED AND REPLACED WITH PRESSURE TREATED LUMBER STAIRS (DESIGN BY OTHERS)
- 75 ± S.F.

CUT & REMOVE THREE (3) EXISTING PINE TREES

CUT & REMOVE TWO (2) EXISTING PINE TREES

PROPOSED LOCATION OF RESIDENTIAL WATER FILTRATION SYSTEM DISCHARGE PIT (DESIGN BY OTHERS)

EXISTING STONE STAIRS TO BE REMOVED AND REPLACED WITH GRANITE STAIRS (54 ±S.F.)

B.M. ~ CONC. COVER ASSUMED EL. = 618.21

CUT & REMOVE FIVE (5) EXISTING PINE TREES

PROPOSED MATERIAL STAGING / STOCKPILE AREAS (TYP.)

CUT & REMOVE TWO (2) EXISTING BIRCH TREES

EXISTING STONE / CONC. PATIO TO BE REMOVED AND REPLACED W/ PATIO PAVERS (370 ± S.F.)

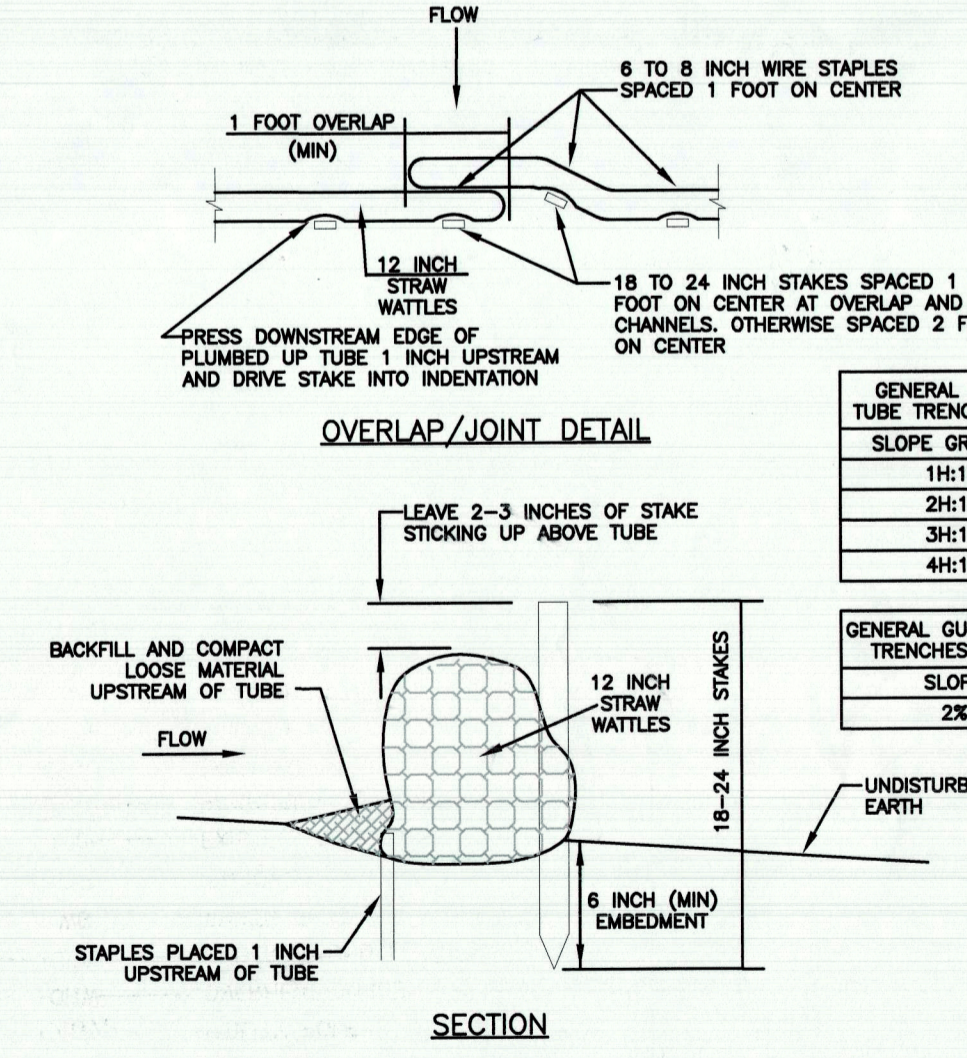
EXISTING GRAVEL TO BE REPLACED WITH PATIO PAVERS 102 ± S.F.

CUT & REMOVE SIX (6) EXISTING BIRCH TREES

EXISTING GARAGE 19'8" x 28' EAST

Proposed 30' x 40' GARAGE

LOT 3 2.33± ACRES



GENERAL GUIDELINES FOR SPACING OF TUBE TRENCHES FOR SLOPE INSTALLATIONS

SLOPE GRADIENT	TUBE INTERVAL
1H:1V	15 FEET
2H:1V	25 FEET
3H:1V	35 FEET
4H:1V	50 FEET

GENERAL GUIDELINES FOR SPACING OF TUBE TRENCHES FOR CHANNEL INSTALLATIONS

SLOPE	TUBE INTERVAL
2%	25 FEET

DISTRICT DIMENSIONAL REGULATIONS

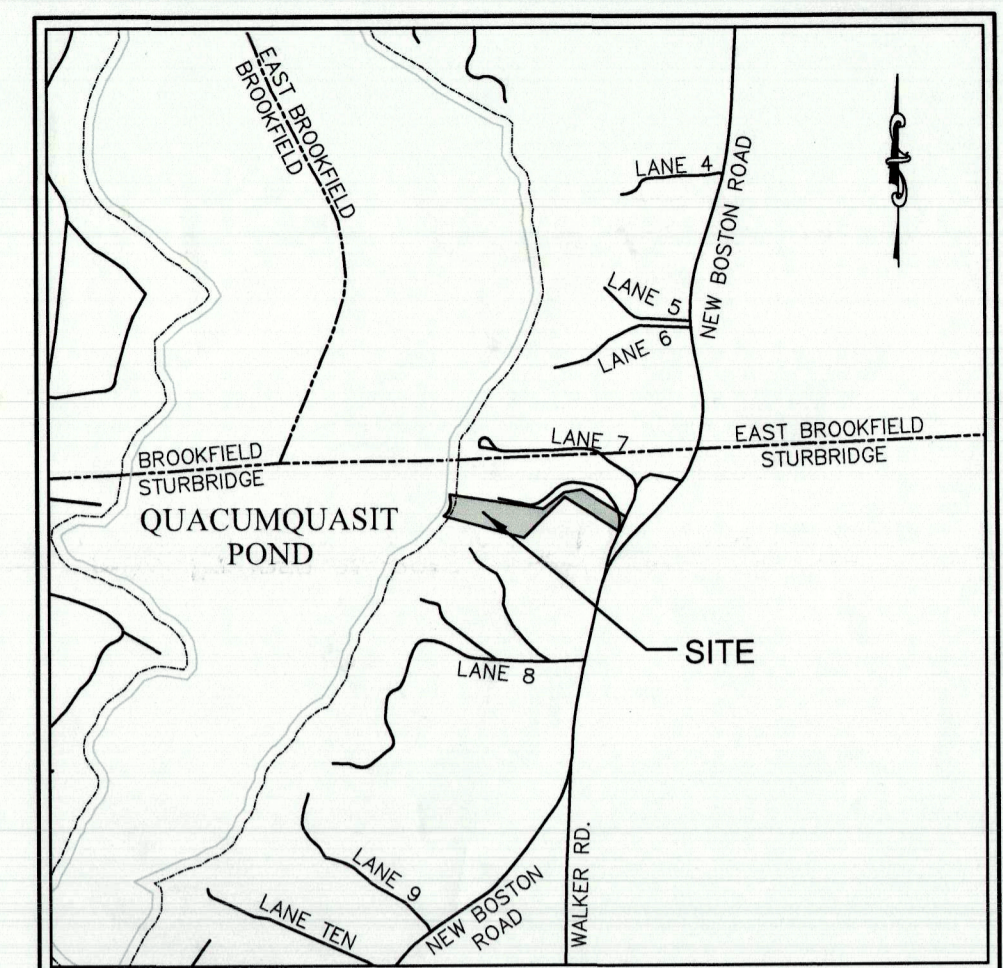
DISTRICT USE	RURAL RESIDENTIAL RESIDENCE
MIN. LOT SIZE	1 ACRE
MIN. FRONTAGE	150'
MIN. FRONT YARD DEPTH	30'
MIN. SIDE YARD DEPTH	20'
MIN. REAR YARD DEPTH	20'
MAX. BUILDING HEIGHT	35'
MAX. LOT COVERAGE	15%
MAX. IMPERVIOUS SURF.	N/A
MIN. HABITABLE AREA	750 SF

GENERAL SITE NOTES:

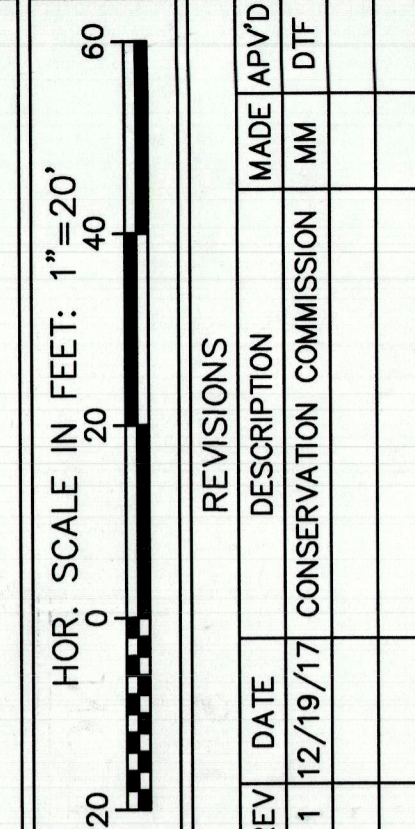
- McClure Engineering, Inc. conducted a limited existing conditions survey to verify existing buildings, marked trees, existing site features, and existing wetland flag locations on September 21, 2017.
- Property lines shown were derived from an on the ground survey conducted on October 8, 2017 and October 11, 2017 by Existing Grade, Inc., lines of occupation, and found monumentation.
- Origin of bearings taken from plan book 103 page 58, as recorded at the Worcester County Registry of Deeds.
- A portion of this site is within the Zone AE - 1% annual chance of flood as shown on F.I.R.M. Flood Insurance Rate Map Worcester County, Massachusetts (all jurisdictions) panel 762 of 1075 map number 25027C0762E, effective date: July 4, 2011.
- Benchmark: Top of concrete cover = 618.21 (NAVD 88), determined from a GPS survey conducted by Existing Grade, Inc. on October 6, 2017.
- Upper limit of pond bank delineated on September 18, 2017 by ECOTEC, Inc., 102 Grove Street, Worcester, MA
- Dep sign: A sign shall be displayed at the site not less than two (2) square feet (S.F.) or more than three (3) S.F. in size bearing the words "MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (or MA DEP): DEP FILE # 300-1004"

TREE REMOVAL NOTES:

- Stumps will not be removed on the steep slope between the house and lake.
- If grinding of stumps is performed on stumps not on lake side of house; grindings are to be removed, the pits filled with top soil and seeded or mulched to stabilize.



LOCUS PLAN
N.T.S.



REVISIONS

REV	DATE	DESCRIPTION	MADE BY	DATE
1	12/19/17	CONSERVATION COMMISSION	MM	DIT

DAVID T. FAIST, P.E.
PROFESSIONAL ENGINEER
MA LIC. NO. 41192
CT LIC. NO. 19712

McClure ENGINEERING, INC.
119 Worcester Road
Charlton, MA 01507
Tel: (508) 248-2005
Fax: (508) 248-4887
Email: dfaist@mcclureengineers.com

NOTICE OF INTENT PLAN
#168 LANE SEVEN
STURBRIDGE, MA 01566
PREPARED FOR
MR. STEPHEN QUINK
37 SOUTH SHORE ROAD
STURBRIDGE, MA 01566

DRAWN BY: MM
DATE: 11/01/17
CHK BY: DTF
SCALE: 1"=20'
PROJ. NO. 287-1681-1

NOTICE OF INTENT PLAN
SHEET 1 OF 1

DIG-SAFE (1-888-344-7233) NOTE:
CONTRACTOR REQUIRED TO NOTIFY "DIG SAFE" 72 HOURS PRIOR TO ANY ON-SITE EXCAVATION OR CONSTRUCTION AT 1-888-344-7233. CONTRACTOR SHALL ALSO NOTIFY LOCAL WATER AND SEWER DEPARTMENTS TO MARK OUT THEIR UTILITIES.

PERIMETER EROSION & SEDIMENTATION CONTROL
NOT TO SCALE