

BENCHMARK TOWN OF AMESBURY BIRCHES DAM ON BIRCHMEADOW ROAD, ALUMINUM DISK, ESTABLISHED 6/19/2003
EL.=99.38' NGVD
ADJUSTMENT TO NAVD=-0.778 FT.
EL.=98.602' NAVD

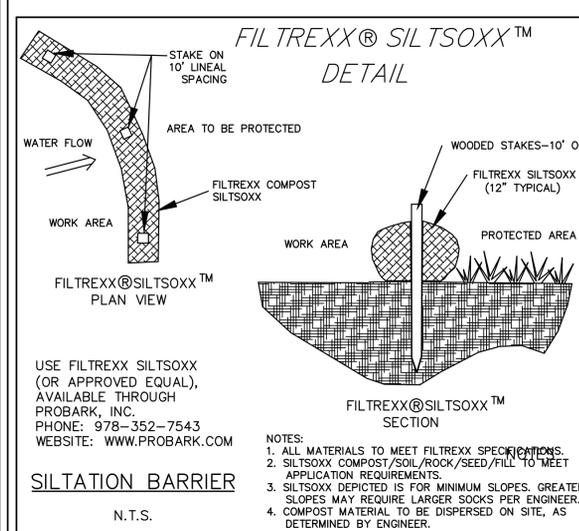
BASE FLOOD ELEVATION OF LAKE ATTITASH = 97' NAVD

ELEVATIONS ARE ON NAVD DATUM.

NOTE IT APPEARS FROM THE DEED THE THE PROPERTY OWNS THE FEE IN LAKE ATTITASH ROAD. FOR PERMITTING PURPOSES THE ROAD WAS HELD AS 30± FEET IN WIDTH AND EXISTING AND PROPOSED INFORMATION AND CALCULATIONS EXCLUDED THE ROAD AREA.

THE LOCATION OF THE EXISTING WATER AND SEWER SERVICES IS NOT DETERMINED BUT ARE TO BE RE-USED BY THE NEW DWELLING.

RESERVED FOR REGISTRY USE



DRAINAGE OPERATION AND MAINTENANCE REQUIREMENTS

- PERVIOUS PAVEMENT WALKWAYS AND DRIVEWAYS ARE TO BE CLEANED ANNUALLY TO INSURE THAT THEY REMAIN PERVIOUS.
- THE ROOF INFILTRATORS SHOULD BE INSPECTED YEARLY OR AS NEEDED AND CLEAN OF ANY SILT AND DEBRIS.

SOILS TEST DATA PERFORMED BY: ATLANTIC ENGINEERING SOIL EVALUATOR: JOHN PAULSON TEST DATE: MAY 20, 2016

TP-1	ELEV = 101.4	
HORIZON	DEPTH	TEXTURE
A	0-9	(SL) - SANDY LOAM
B	9-33	(SL) - SANDY LOAM
C-1	33-68	(SL) - SANDY LOAM
C-2	68-77	(S) - SAND
MOTTLES	52" = 97.1'	
WATER	74"	

TP-2	ELEV = 99.7	
HORIZON	DEPTH	TEXTURE
A	0-8	(SL) - SANDY LOAM
B	8-16	(SL) - SANDY LOAM
C-1	16-46	(S) - SAND
C-2	46-75	(S) - SAND
MOTTLES	40" = 96.4'	
WATER	69.6"	
C1 & C2	MAY BE OLD DREDGE MATERIAL	

TP-3	ELEV = 100.6	
HORIZON	DEPTH	TEXTURE
A	0-9	(SL) - SANDY LOAM
B	9-26	(SL) - SANDY LOAM
C-1	26-69	(SL) - SANDY LOAM
MOTTLES	48" = 96.6'	
WATER	66"	

PLANTING SCHEDULE
INKBERRY (LLEX GLABRA)
PINXTERBLOOM (RHODODENDRON NUDIFLORUM)
PERENNIAL SCHEDULE
CUP PLANT (SILPHIUM PERFOLIATUM)
COMMON BLUE VIOLET (VIOLA PAPILIONACEA)
JOE PYE WEED (EUPATORIUM MACULATUM)
TREE SCHEDULE
DARK AMERICAN ARBORVITAE (THUJA OCCIDENTALIS)
BLACK ASH (FRAXINUS NIGRA)
ANNUAL SCHEDULE
NOT SPECIFIED

OTHER PLANTINGS MAY BE SUBSTITUTED FOR THOSE INDICATED SUBJECT TO THE APPROVAL OF THE CONSERVATION COMMISSION

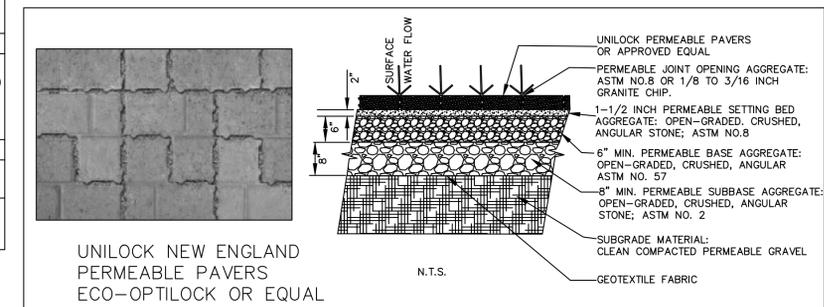
PLANTING NOTES

PERENNIALS, SHRUBS AND TREES ARE TO BE PLANTED AS SHOWN. SIMILAR PERENNIALS, SHRUBS AND TREES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE CONSERVATION COMMISSION WHEN THE COST OR AVAILABILITY OF THE SPECIFIED ITEMS IS A CONCERN. PLANTINGS WILL ALL BE AT LEAST THE MINIMUM SIZE AND HEIGHT RECOMMENDED BY THE PLANTING PROFESSIONAL. PLANTINGS TO BE PLACED AT THE TIME AND SEASON RECOMMENDED BY THE PLANTING PROFESSIONAL.

THE CONSERVATION COMMISSION WILL BE GIVEN WRITTEN NOTICE OF THE PLANTING DATE.

THE PLANTINGS WILL BE OVERSEEN AND MONITORED BY A NURSERY OR OTHER GARDEN PROFESSIONAL. REPORTS WILL BE SUBMITTED YEARLY (OCTOBER) TO THE CONSERVATION COMMISSION CONCERNING THE HEALTH STATUS OF THE PLANTINGS WITHIN 50 FEET OF THE LAKE UNTIL THE CERTIFICATE OF COMPLIANCE IS ISSUED

A WATERING SCHEDULE WILL BE DETERMINED ACCORDING TO THE PLANTS' NEEDS AND WEATHER CONDITIONS, AT LEAST ONCE PER WEEK OR MORE IF NEEDED DURING THE DRY SEASON OF JUNE, JULY AND AUGUST AND WILL BE OVERSEEN BY THE PLANTING PROFESSIONAL. THE MONITORING PERIOD WILL BE FOR 2 YEARS FROM THE PLANTING DATE. SHOULD ANY OF THE PLANTS FAIL TO SURVIVE THEY WILL BE REPLACED WITH LIKE PLANTS AS DIRECTED BY PLANTING PROFESSIONAL.



EXISTING IMPERVIOUS ON LOT

715 S.F. DRIVEWAY

34 S.F. CONC. SLAB

160 S.F. SHED

637 S.F. EXISTING HOUSE

358 S.F. EXISTING PORCH

995 S.F. TOTAL

TOTAL EXISTING IMPERVIOUS ON LOT = 1904 S.F.

PROPOSED IMPERVIOUS

45 S.F. PROPOSED RETAINING WALL

1560 S.F. PROPOSED HOUSE

576 S.F. PROPOSED GARAGE

2136 S.F. TOTAL

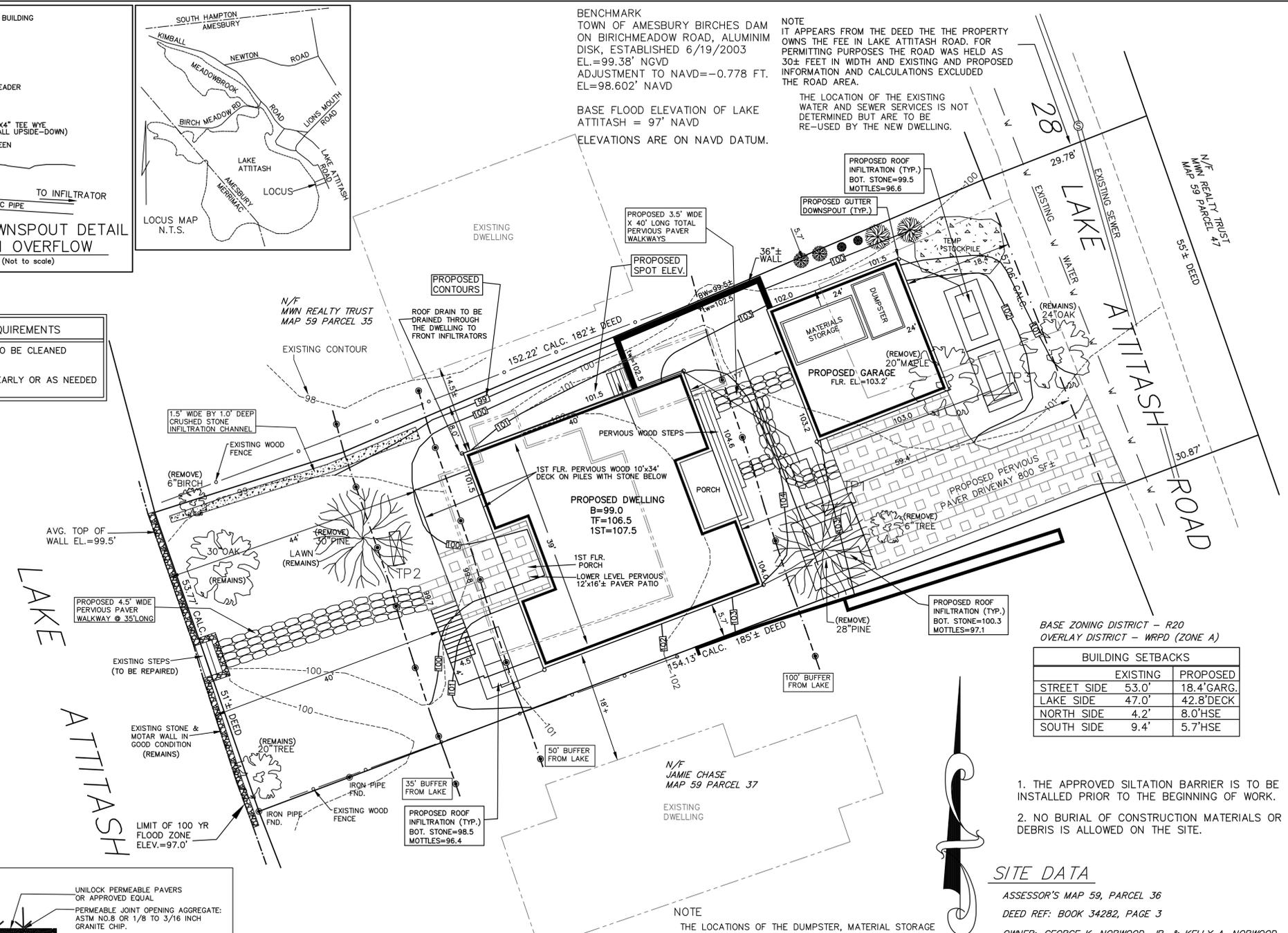
TOTAL PROPOSED IMPERVIOUS = 2181 S.F.

NET IMPERVIOUS AREA IS INCREASED BY 277 S.F.

COMPENSATORY AREA REQUIRED=277x1.5=415 S.F.

SITE RESTRICTIONS AND CONDITIONS

- ANY CHANGES, ALTERATIONS OR ADDITIONS PROPOSED ARE SUBJECT TO APPROVAL BY THE CONSERVATION COMMISSION, THE PLANNING BOARD AND THE BOARD OF APPEALS.
- THIS SITE IS SUBJECT TO A CONSERVATION ORDER OF CONDITIONS, A SPECIAL PERMIT FOR AREAS IN THE WATER RESOURCE DISTRICT & A FINDING FROM THE BOARD OF APPEALS.
- NO STORAGE OF BUILDING MATERIALS, SOIL, TRASH, DEBRIS, GASOLINE OR OIL IS TO OCCUR WITHIN 50 FT. OF THE LAKE.
- NO DUMPSTER IS ALLOWED WITHIN 50 FEET OF THE LAKE.
- NO PESTICIDES, HERBICIDES, NON AQUEOUS DUST CONTROLS OR OTHER CHEMICAL PRODUCTS ARE TO BE APPLIED TO ANY AREA ON THIS LOT.



BASE ZONING DISTRICT - R20
OVERLAY DISTRICT - WRPD (ZONE A)

BUILDING SETBACKS		
	EXISTING	PROPOSED
STREET SIDE	53.0'	18.4' GARG.
LAKE SIDE	47.0'	42.8' DECK
NORTH SIDE	4.2'	8.0' HSE
SOUTH SIDE	9.4'	5.7' HSE

- THE APPROVED SILTATION BARRIER IS TO BE INSTALLED PRIOR TO THE BEGINNING OF WORK.
- NO BURIAL OF CONSTRUCTION MATERIALS OR DEBRIS IS ALLOWED ON THE SITE.

SITE DATA

ASSESSOR'S MAP 59, PARCEL 36

DEED REF: BOOK 34282, PAGE 3

OWNER: GEORGE K. NORWOOD, JR. & KELLY A. NORWOOD

PROPOSED CONDITIONS

PERMIT PLAN AT 28 LAKE ATTITASH ROAD IN AMESBURY, MASSACHUSETTS

PREPARED FOR: GEORGE & KELLY NORWOOD
18 CAMPION ROAD
NORTH ANDOVER, MA

ENGINEER:
ATLANTIC ENGINEERING & SURVEY CONSULTANTS INC.
97 TENNEY STREET - GEORGETOWN, MA 01833
PHONE: 978-352-7870 FAX: 978-352-9940

DRAWING FILE: SEQ93\28LAKEATTITASH.DWG

JOB NO. A1508-05 DATE: OCTOBER 10, 2015
REV: JAN. 26, 2016
REV: FEB. 10, 2016
REV: MAY 24, 2016

SHEET 1 OF 2
SHEET 1 IS TO BE RECORDED FOR SPECIAL PERMIT APPROVAL

NOTE THE LOCATIONS OF THE DUMPSTER, MATERIAL STORAGE AND STOCKPILE AREA ARE SHOWN AS PROPOSED LOCATIONS. THESE ITEMS MAY BE LOCATED IN AREAS OTHER THAN SHOWN PROVIDED THEY ARE NO CLOSER THAN 50 FEET TO LAKE ATTITASH. THE CONTRACTOR SHOULD ENDEAVOR TO KEEP THESE ITEMS AS FAR FROM THE LAKE AS IS PRACTICAL.

EXISTING LOT AREA = 8,298 S.F.

PERCENTAGE IMPERVIOUS OF LOT AREA
EXISTING PERCENTAGE IMPERVIOUS = 22.94%
PROPOSED PERCENTAGE IMPERVIOUS = 26.28%
NET PERCENTAGE INCREASE = 3.30%

I CERTIFY THAT THIS PLAN IS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE PROCEDURAL, TECHNICAL & ETHICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS.

ON THE BASIS OF MY KNOWLEDGE, INFORMATION & BELIEF I CERTIFY THAT THE PROPERTY LINES SHOWN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, & THE LINES OF STREETS & WAYS SHOWN ARE THOSE OF PUBLIC & PRIVATE STREETS ALREADY ESTABLISHED, & THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIPS OR FOR NEW WAYS ARE SHOWN.

10 0 10 20
Scale: 1"=10'

