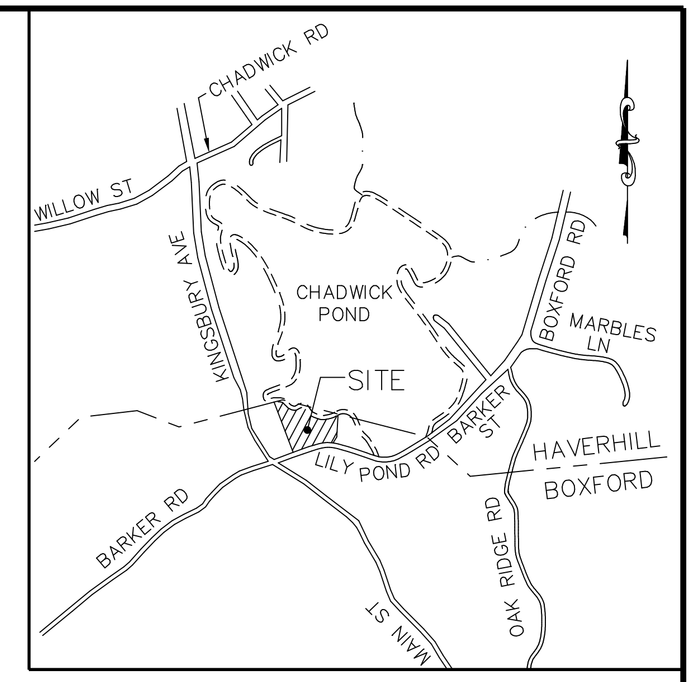
APPROXIMATE CITY/TOWN LINE
HAVERHILL
BOXFORD

S80°51'11"E 23.74'
S84°33'27"E 92.02'
41.24'
S82°44'13"E
45A 44A 43A 42A 41A 40A 39A 38A 37A 36A 35A
S20°36'46"E 73.27'
S21°25'13"E 25.98'
S20°55'24"E 46.75'
N83°24'43"E 61.23'
N84°08'11"E 37.45'
N84°48'21"E 35.56'
34'±
N81°25'10"E
IP FND
331.59'
N05°33'15"E
ASSESSORS MAP 2 PARCEL 6 AND PARCEL 5
LOT A
(4.80 AC.)
400' SETBACK FROM WETLAND
EROSION CONTROL
PROP. WELL
S00°26'07"E
HAVERHILL
BOXFORD
CHADWICK POND
157'±
S40°02'53"E
31'±
TIE LINE
WETLAND AREA
100' SETBACK FROM WETLAND
100' BUFFER ZONE
432.39'
273'±
TIE LINE
S74°25'45"E
83.35'
PROPERTY LINE
89'±
PROP. 4 BDRM DWELLING T.F.=125.0 C.F.=114.0
PROP. GARAGE C.F.=124.5
WOODS ROAD
IP FND
3' HIGH PRF
439.57'
3' HIGH PRF
LILY POND
N/F
VICTORIA C. MATHESON
SCOTT D. MATHESON
SEE PLAN #26 PLAN BOOK #101
AND PLAN #62 OF 1982
100' SETBACK FROM WETLAND
BUFFER ZONE
400' FROM CHADWICK POND
100'
N02°47'00"W
3' HIGH PRF
10' HIGH CLF
611.76'
TENNIS/SPORTS COURT
LIMIT OF WORK
BARRIER
WOODS ROAD
14'±
1 STY W.F. #14
POOL AREA
ASSESSORS MAP 2 PARCEL 6 AND PARCEL 5
LOT B
(4.73 AC.)
WOOD BARN AND GARAGE
303.37' TO TIE LINE
S24°44'44"W
303'±
N/F
BRUCE R. BOND
MONA G. BOND
SEE PLAN #100 IN
PLAN BOOK #379 E.S.D.R.D
8.69'
L=14.55'
123.44'
=258.37'=
50.00'
111.69'
PROP. LEACH FIELD
19.34'
80.32'
=239.58'=
L=9.61'
35.10'
CONC. DRIVE
83.60'
L=6.31'
5.30'
50.00'
IR FND
124.39'
S65°24'08"W
327.08' TO MAIN STREET
3' HIGH PRF
123.44'
N88°24'30"W
14.57'
N71°44'20"W
BIT. CONC. PAVEMENT
LILY POND ROAD
(PUBLIC-VARIABLE WIDTH)
T.F.=257.58'
118.57'
163.00'
N87°24'30"W
50.00'
S48°33'25"W
36.18'
44.43'
N87°42'00"W
T.F.=250.02'
80.57'
N76°41'07"W
35.61'
BIT. CONC. DRIVE
84.11'
N77°51'15"W
N70°37'40"W
5.30'
IP FND



LOCUS
1"=1500'

NOTES

1.) THE PROPOSED STRAW WATTLE, FILTER BERM, AND ALL EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE ANY OTHER EARTH ALTERING ACTIVITIES.

2.) THE EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED AND REPAIRED IF NECESSARY AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND THE SITE STABILIZATION HAS OCCURRED.

3.) ALL EXCAVATED SOILS SHALL BE REMOVED FROM THE SITE OR STOCKPILED AS SHOWN FOR FINAL USE ON SITE.

4.) THE CONTRACTOR SHALL CALL DIG SAFE 72 HRS. PRIOR TO ANY EXCAVATING ACTIVITIES.

5.) UTILITIES SHOWN WERE TAKEN FROM FIELD OBSERVATIONS, EXISTING PLANS AND RECORDS AND MAY BE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS. THE DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES SO THAT THE REMEDIAL ACTION CAN BE TAKEN.

6.) TOTAL LIMIT OF DISTURBANCE IS 57,780 S.F.

7.) BENCHMARK P.K. SET EL.=122.91

8.) ALL WETLAND FIELD WORK AND INSPECTIONS SHALL BE DONE BY TOM HUGHES, HUGHES ENVIRONMENTAL CONSULTING, 44 MERRIMAC STREET, NEWBURYPORT, MA 01950.

9.) ALL WORK SHALL CONFORM TO THE STORMWATER MANAGEMENT REPORT DATED OCTOBER 13, 2022 BY THIS OFFICE.

OPERATION AND MAINTENANCE

OPERATION AND MAINTENANCE SHALL BE PERFORMED BY THE PROPERTY OWNER, TWO FEATURES OF THIS DESIGN REQUIRE OPERATION AND MAINTENANCE. THE DRIVEWAY INFILTRATION SWALE AND THE ROOF DRAIN INFILTRATION SYSTEM. THE SWALES SHALL REMAIN CUT AND CLEAN AND FREE OF ANY LEAVES, CLIPPINGS, DEBRIS, TRASH OR ANY OTHER NATURAL OR UNNATURAL TRASH OR DEBRIS. THE ROOF INFILTRATION SYSTEM NEEDS TO BE KEPT CLEAR BY PERIODIC CLEANING OF GUTTERS AND DOWNSPOUTS. THE INFILTRATION SYSTEM HAS INSPECTION PORTS. THE SYSTEM SHALL BE INSPECTED BY REMOVING THE COVER AND VISUALLY OBSERVING THE STONE BED. IF STANDING WATER IS EVIDENCED TO A DEPTH OF 1 INCH OR GREATER ABOVE THE STONE SURFACE FOR A PERIOD OF 8 HOURS OR GREATER, THE INFILTRATION BED SHALL BE RECONSTRUCTED ACCORDING TO ORIGINAL CONSTRUCTION STANDARDS AND BY REMOVING ANY UNDERLYING CLOGGED SOILS.

COMMONWEALTH OF MASSACHUSETTS
VLADIMIR L. NEMCHENOK
No. 52178
REGISTERED PROFESSIONAL ENGINEER

PLAN OF LAND SHOWING
CONSTRUCTION & STORMWATER MANAGEMENT
IN
BOXFORD, MASS.

AS PREPARED FOR OWNER
JOHN BUTT
8 LILY POND ROAD

SCALE: 1"=40' DATE: 9-22-22 REVISED: 11-20-22

ASSESSORS MAP 2 BLK 1 LOT 5 & 6 SDL A SHT. 1 OF 3

8 LILY POND RD. BOXFORD.DWG 11/20/22