

TOWN CLERK OF THE TOWN OF LEXINGTON, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE LEXINGTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

TOWN CLERK:

DATE:

TEST PITS WERE PERFORMED ON AUGUST 10, 2015  
BY JOHN D. SULLIVAN III, P.E., C.S.E. No. 2378

**SOILS INFORMATION:**

TEST PIT: TH-1  
ELEV.=177.0±  
HORIZON A: LOAMY SAND 0'-5"  
HORIZON Bw: LOAMY SAND 5'-24"  
LAYER C1: FINE SAND 24'-80"  
LAYER C2: COARSE SAND 80'-120"  
WATER WEEPING @ 90°  
DISTINCT MOTTLES @ 49° (ELEV = 173.0)  
E.S.H.G.W. ELEV = 173.0  
PERCOLATION RATE : 2 MPI SHELVE 24"-44"

**SOILS INFORMATION:**

TEST PIT: TH-3  
ELEV.=180.3±  
HORIZON A: LOAMY SAND 0'-5"  
HORIZON Bw: LOAMY SAND 5'-26"  
LAYER C: COARSE SAND 24'-120"  
WATER WEEPING @ 122°  
DISTINCT MOTTLES @ 80° (ELEV = 173.3)  
E.S.H.G.W. ELEV = 173.3  
PERCOLATION RATE : 2 MPI SHELVE 30"-48"

**SOILS INFORMATION:**

TEST PIT: TH-5  
ELEV.=180.3±  
HORIZON A: LOAMY SAND 0'-6"  
HORIZON Bw: LOAMY SAND 6'-25"  
LAYER C: COARSE SAND 25'-124"  
WATER WEEPING @ 122°  
DISTINCT MOTTLES @ 88° (ELEV = 172.9)  
E.S.H.G.W. ELEV = 172.9  
PERCOLATION RATE : 2 MPI SHELVE 26"-42"

**SOILS INFORMATION:**

TEST PIT: TH-2  
ELEV.=184.0±  
HORIZON A: LOAMY SAND 0'-5"  
HORIZON Bw: LOAMY SAND 5'-18"  
LAYER C: FINE SAND (0% GRAVEL) 18'-120"  
WATER WEEPING @ NONE  
DISTINCT MOTTLES @ NONE  
E.S.H.G.W. ELEV = 173.0 (SEE TH-1)  
PERCOLATION RATE : 2 MPI SHELVE 20"-38"

**SOILS INFORMATION:**

TEST PIT: TH-4  
ELEV.=179.5±  
HORIZON A: LOAMY SAND 0'-6"  
HORIZON Bw: LOAMY SAND 6'-24"  
LAYER C: COARSE SAND 24'-120"  
WATER WEEPING @ 120°  
DISTINCT MOTTLES @ NONE  
E.S.H.G.W. ELEV = 173.0 (42" ADJUSTMENT FROM WATER LEVEL)  
PERCOLATION RATE : 2 MPI SHELVE 30"-48"

**LEGEND:**

- 248 TWO FOOT CONTOUR
- DECIDUOUS TREE (> 6" DIA.)
- EVERGREEN TREE (> 6" DIA.)
- UTILITY POLE
- ⊙ SEWER MANHOLE
- SEWER MAIN
- COMPILED WATER MAIN
- CATCHBASIN
- DRAIN LINE
- BITUMINOUS CONCRETE
- CONCRETE
- EDGE OF PAVEMENT
- TEST PIT
- WETLAND FLAG
- FENCELINE

**NOTES:**

1. THE TOPOGRAPHY, SITE DETAIL & SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM A PARTIAL FIELD SURVEY CONDUCTED IN MAY OF 2015 BY SULLIVAN ENGINEERING GROUP, LLC.
2. THE LOCUS PROPERTY IS LOCATED IN ZONING DISTRICT R0.
3. THE LOCUS PROPERTY IS DEPICTED AS LOTS 3 AND 4 ON THE TOWN OF LEXINGTON ASSESSOR'S MAP 55.
4. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED UPON A PARTIAL FIELD SURVEY AND COMPILATION OF PLANS OF RECORD. THE DESIGN ENGINEER DOES NOT WARRANT NOR GUARANTEE THE LOCATION OF ALL UTILITIES DEPICTED OR NOT DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1-888-344-7233.
5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND. HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
6. THE ELEVATIONS DEPICTED HEREON WERE BASED UPON THE 1929 NGVD DATUM.
7. THE LOCUS PROPERTY IS NOT LOCATED WITHIN A FLOOD ZONE AS DEPICTED ON THE LATEST FLOOD INSURANCE RATE MAP.
8. ABUTTING BUILDING LOCATIONS ARE APPROXIMATE ONLY AND FOR GRAPHICAL PURPOSES ONLY. BUILDING LOCATIONS TAKEN FROM TOWN OF LEXINGTON AERIALS.
9. PROJECT SITE IS NOT HABITAT FOR RARE OR ENDANGERED SPECIES.
10. THE TOPOGRAPHY OF THE MAJORITY OF THE SITE IS RELATIVELY FLAT (< 15%) STEEPER SLOPES EXIST TO THE NORTHEAST AND NORTHWEST PORTIONS OF THE SITE, BUT ARE OUTSIDE THE PROPOSED LIMIT OF WORK AREAS.

APPROVED BY:

LEXINGTON PLANNING BOARD

THIS PLAN IS SUBJECT TO A COVENANT DATED \_\_\_\_\_  
THIS PLAN IS SUBJECT TO A CERTIFICATE OF ACTION DATED \_\_\_\_\_  
THIS PLAN IS SUBJECT TO A SPECIAL PERMIT DATED \_\_\_\_\_

**BALANCED HOUSING RESIDENTIAL DEVELOPMENT**

**435-439 LINCOLN STREET**  
**SITE ANALYSIS**  
LOCATED IN  
LEXINGTON, MASSACHUSETTS  
(MIDDLESEX COUNTY)

PREPARED FOR  
NORTH SHORE RESIDENTIAL CONSTRUCTION, INC.  
SCALE: 1" = 40'  
DATE: NOV. 20, 2015

PREPARED BY  
**SULLIVAN ENGINEERING GROUP, LLC**  
P.O. BOX 2004  
MOBURN, MA 01888  
(781) 854-8644

SHEET No. 2 OF 12

TBM #	DESCRIPTION	ELEV.
△	ELECTRIC MANHOLE RIM	180.92'

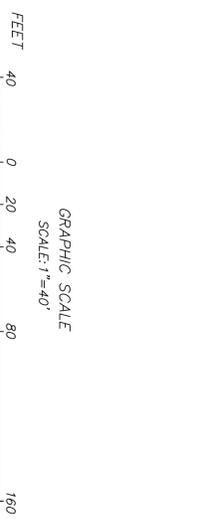
**TEMPORARY BENCHMARK CHART:**

APPLICANT:  
NORTH SHORE RESIDENTIAL CONSTRUCTION, INC.  
203 SALEM STREET  
MOBURN, MA 01801

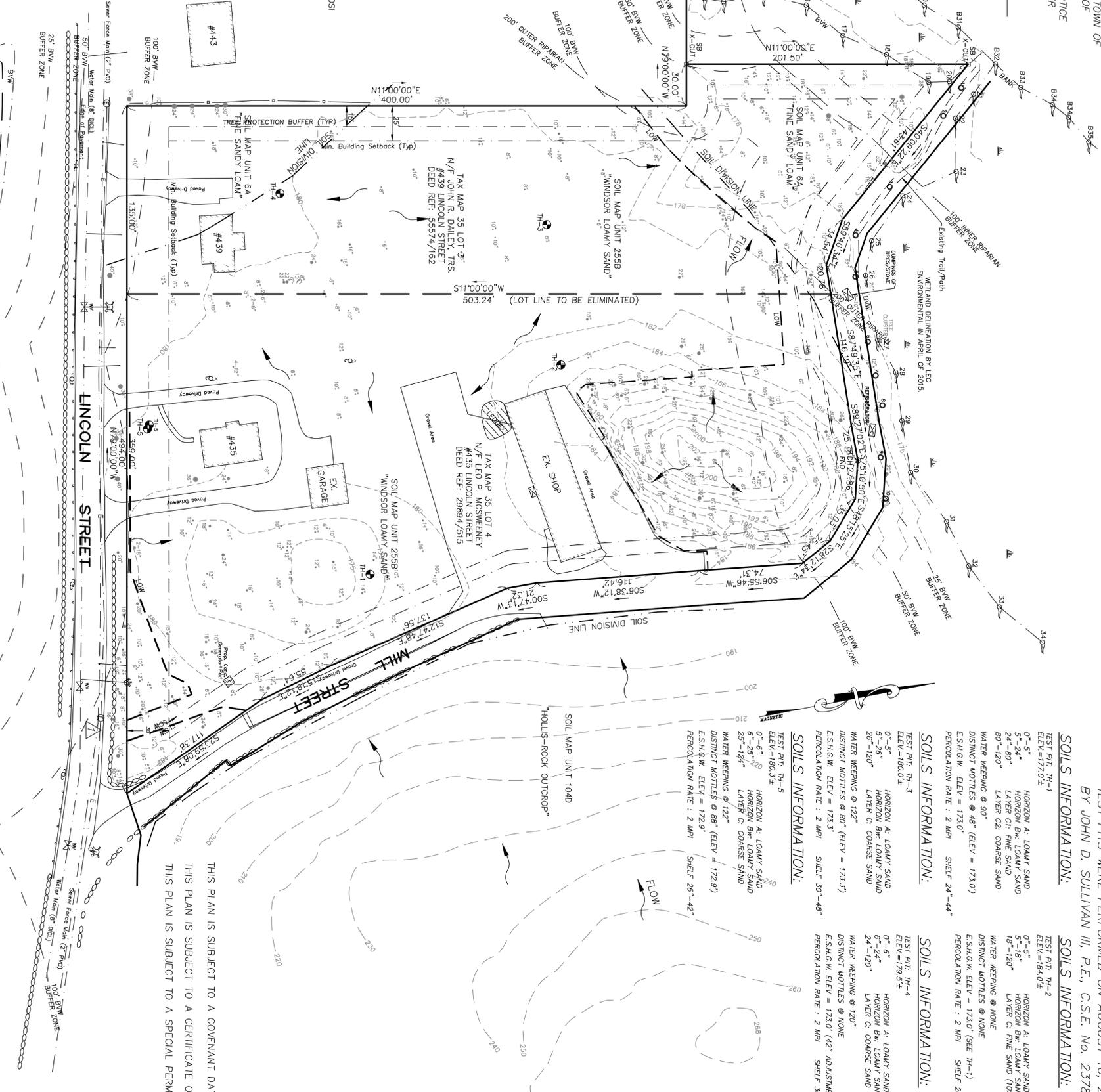
OWNER:  
435 LINCOLN STREET  
LEO P. MCGSWEENEY  
435 LINCOLN STREET  
LEXINGTON, MA 02421

439 LINCOLN STREET  
JOHN R. DAILEY, TRUSTEE  
439 LINCOLN STREET  
LEXINGTON, MA 02421

TAX MAP 35 LOT 2  
N/F ALBERT R. PLANTADOSI  
#443 LINCOLN STREET  
DEED REF: 16450/214



CITY OF CAMBRIDGE RESERVOIR



NO. DATE DESCRIPTION BY CHKD