

APPROVED BY THE
BURLINGTON PLANNING BOARD

SOIL EVALUATION:

JUNE 22, 2017; SUN, DRY, 70 DEGREES
PERFORMED BY: ERICH R. NITZSCHE, PE.
SOIL EVALUATOR
WITNESSED BY: CHRISTINE MATHS,
BOARD OF HEALTH

DATE: _____

TEST PIT #1, GND = 211.8±

0-5" A 2.5V3/3 SL TOP SOIL(GRASS)
5-22" Bw 2.5V5/6 SL ROOTS, SMALL STONES
22-100" C1 2.5V6/3 S MEDIUM SAND
100-124" C2 2.5V5/4 LS DENSE SAND
NO LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED

TEST PIT #5, GND = 186.2±

0-6" A 10YR2/1 SL TOP SOIL(WOODS)
6-20" Bw 10YR4/4 SL ROOTS, SMALL STONES
20-36" C1 10YR5/8 S MEDIUM SAND
36-104" C2 2.5V6/3 S MEDIUM SAND
NO LEDGE
WEeping AT 72", ELEV.=180.2
STANDING AT 87", ELEV.=179.0
MOTTLES AT 72, ELEV.=180.2

TEST PIT #2, GND = 208.7±

0-8" A 10YR3/4 SL TOP SOIL(WOODS)
8-24" Bw 10YR5/6 SL ROOTS, SMALL STONES
24-96" C1 2.5V6/4 S FINE/MEDIUM SAND
96-116" C2 7.5V5/6 S COARSE SAND
116-122" C3 2.5V6/2 LS FINE SILTY SAND
NO LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED

TEST PIT #6, GND = 186.5±

0-9" A 10YR3/4 SL TOP SOIL(WOODS)
9-24" Bw 10YR5/6 SL ROOTS, SMALL STONES
24-34" B/C 10YR5/6 S FINE/MEDIUM SAND
34-48" C1 2.5V6/4 S FINE SILTY SAND
48-98" C2 2.5V6/3 S MEDIUM SAND
NO LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED

TEST PIT #3, GND = 204.3±

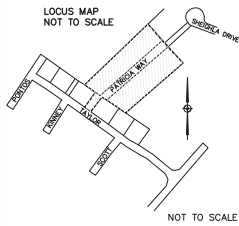
0-10" A 10YR3/3 SL TOP SOIL(WOODS)
10-28" Bw 10YR4/6 SL ROOTS, SMALL STONES
28-96" C1 10YR6/3 S MEDIUM SAND
96-116" C2 10YR5/6 S COARSE SAND
NO LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED

TEST PIT #7, GND = 94.8±

0-5" FILL ----- GRVEL PATHWAY
5-8" Bw 2.5V6/4 S ROOTS, SMALL STONES
8-84" C1 2.5V6/3 S MEDIUM SAND
84-117" C2 2.5V5/6 S MEDIUM/COARSE SAND
POCKETS OF FINE SILTY SAND
LEDGE, WET ON LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED

TEST PIT #4, GND = 191.6±

0-10" A 10YR2/1 SL TOP SOIL(WOODS)
10-30" Bw 10YR5/6 SL ROOTS, SMALL STONES
30-96" C1 10YR6/3 S MEDIUM SAND
96-113" C2 10YR5/4 LS MEDIUM SAND
NO LEDGE
NO WEeping OR STANDING WATER
NO SEASONAL HIGH WATER TABLE MOTTLES OBSERVED



REGISTRY USE ONLY

COMMONWEALTH ENGINEERING INC.
CIVIL ENGINEERS & LAND SURVEYORS
27 CAMBRIDGE STREET SUITE 106
BURLINGTON, MA 01803
TEL (781) 229-0411
FAX (781) 229-0520
WWW.COMMONENG.COM

**PATRICIA WAY
A DEFINITIVE
SUBDIVISION
IN BURLINGTON,
MIDDLESEX COUNTY,
MASSACHUSETTS**

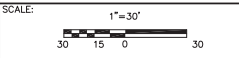
DECEMBER 7, 2017

UTILITY PLAN

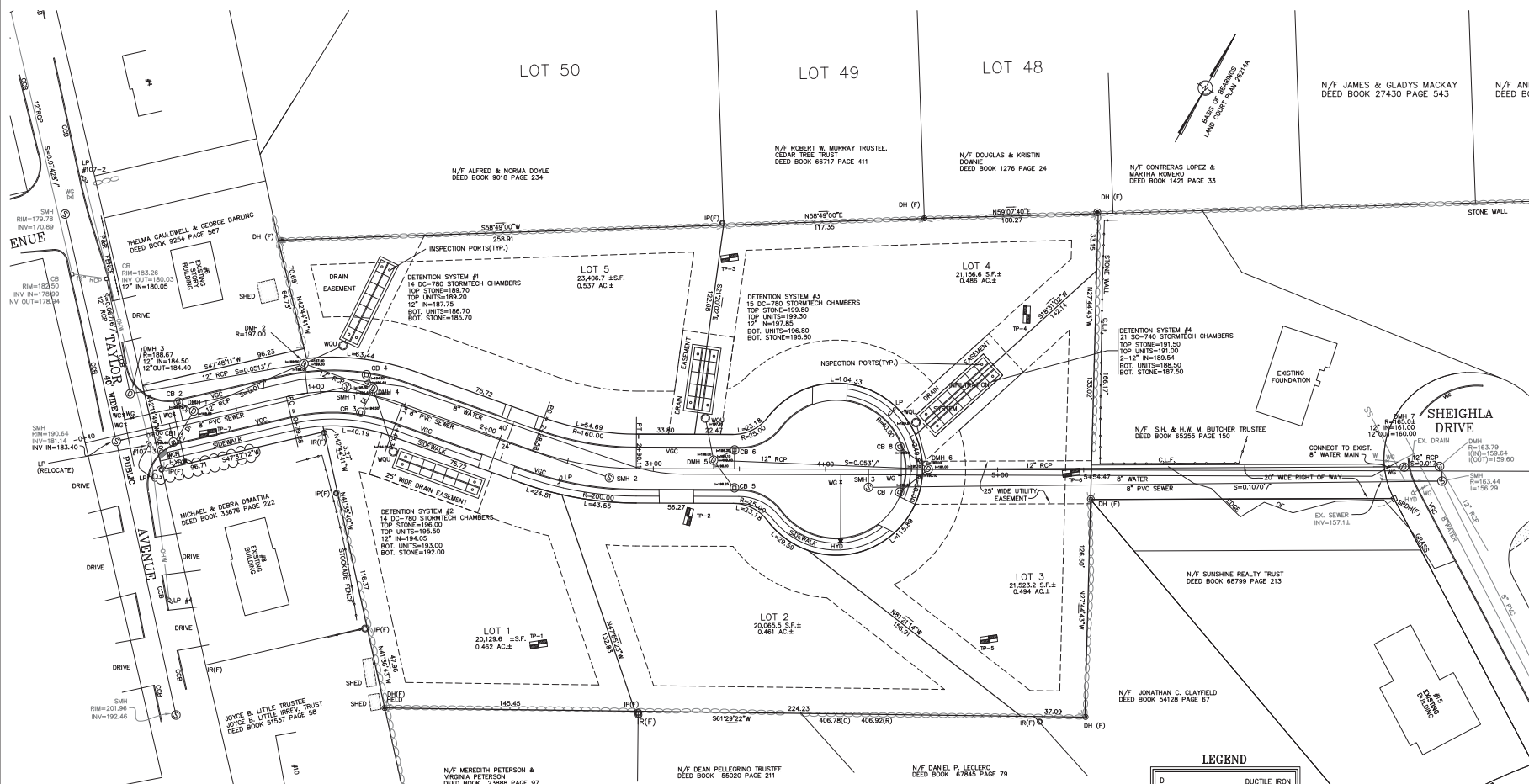
OWNER/APPLICANT:
MURRAY HILLS, INCORPORATED
27 CAMBRIDGE STREET
BURLINGTON, MASSACHUSETTS, 01803

REVISIONS:

NO.	DATE	DESCRIPTION
1	2/15/18	TOWN COMMENTS



FIELD: DDO/ERN	CALCD: DDO
DRAWN: ERN	CHECKED: DDO/ERN/DNR
FILE PATH (H:\PROJ): \217008.00\DWG\DEFINITIVE_C1-DEFIN.DWG	
TAB: UTILITY	SHEET: U1
JOB NO.: 217008.00	



LEGEND

DI	DUCTILE IRON
LP	LIGHT POLE
SS	SEWER SERVICE
EP	EDGE OF PAVEMENT
WQU	WATER QUALITY CURB
VGC	VERTICAL GRANITE CURB
IP	IRON PIPE
N.T.S.	NOT TO SCALE
N/F	NOW OR FORMERLY
SDH	STONE BOUND DRILL HOLE
S.F.	SQUARE FEET
SMH	SEWER MANHOLE
UP	UTILITY POLE
(C)	CALCULATION
(R)	RECORD

NOTES:

- (1) TOPOGRAPHY AND EXISTING SITE FEATURES ARE THE RESULT OF A FIELD SURVEY BY COMMONWEALTH ENGINEERING PERFORMED IN JANUARY 2008. JUNE 2007.
- (2) VERTICAL DATUM IS BASED ON TAYLOR AVENUE PLAN AND PROFILE OF SEWER DATED JANUARY 1967.
- (3) CONTRACTORS NOTES AND RECORD UTILITY PLANS, THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM THE AFORESAID ITEMS AND ARE APPROXIMATE ONLY. BEFORE PLANNING FUTURE CONNECTIONS CALL "DIG SAFE" 1-800-322-8844 IN ADDITION THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES NEAR UTILITY LOCATIONS WITH THE RESPECTIVE UTILITY REPRESENTATIVE.

ASSESSORS MAP REFERENCE
PARCEL # 17-73-0
ADDRESS OF PROPERTY
8 PATRICIA WAY
BURLINGTON, MASSACHUSETTS
OWNER OF RECORD
MURRAY HILLS INCORPORATED
DEED REFERENCE
BOOK 13385 PAGE 573

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BOOK 70405 PAGE 245

PLAN REFERENCE
L.C.P. 26214A
PLAN NUMBER 814 OF 1948
PLAN 925 (A07) 1946
PLAN EMBL (LOT 48E)1946
PLAN 846 OF 1948
PLAN 520 OF 1978
ANR PLAN ALLEN/MAJOR 3/7/08
ZONING CLASSIFICATION
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