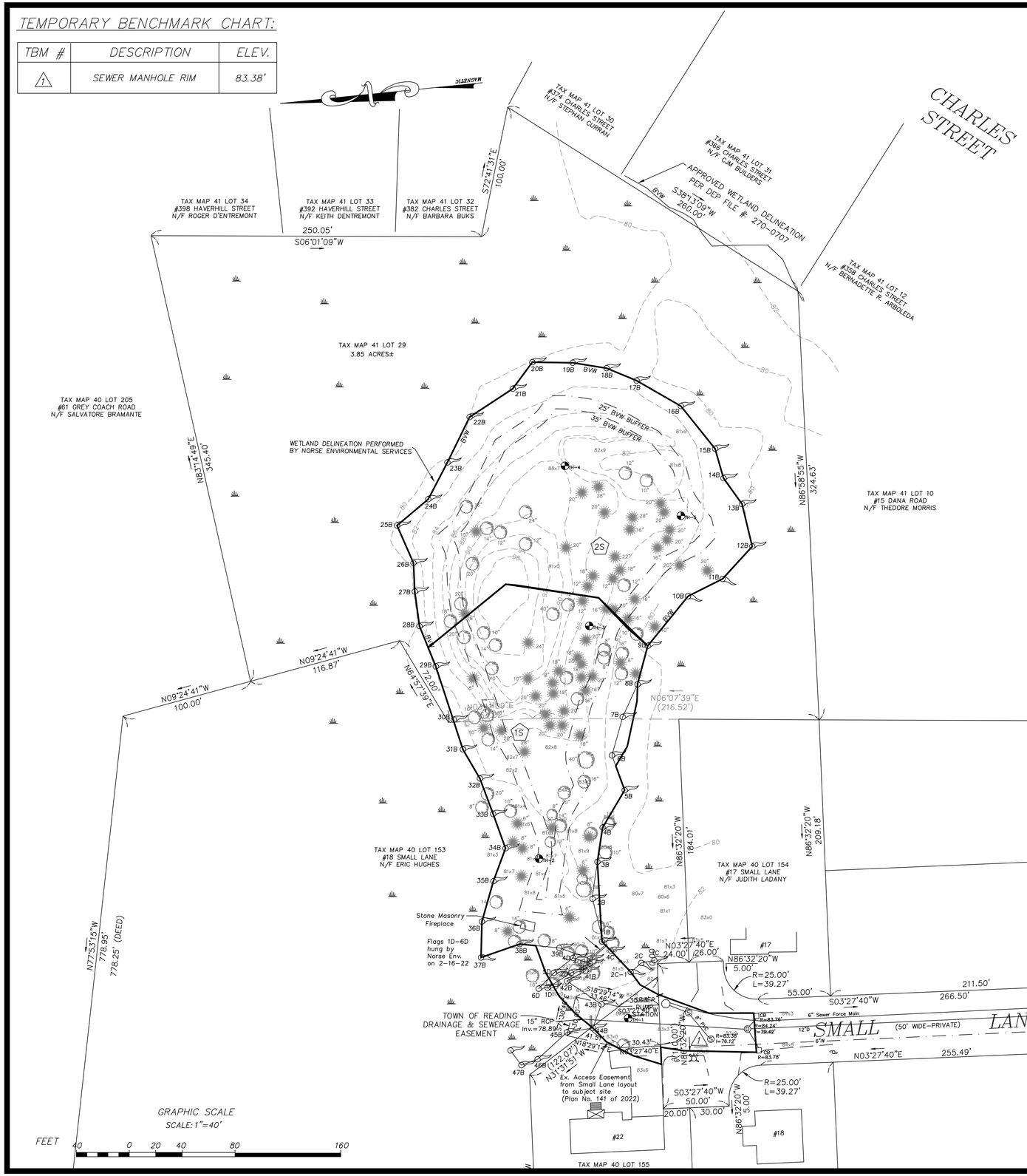
TEMPORARY BENCHMARK CHART:

TBM #	DESCRIPTION	ELEV.
1	SEWER MANHOLE RIM	83.38'



LEGEND:

248	TWO FOOT CONTOUR
	DECIDUOUS TREE (> 6" DIA.)
	EVERGREEN TREE (> 6" DIA.)
	UTILITY POLE
S	SEWER MANHOLE
S	SEWER MAIN
W	COMPILED WATER MAIN
CB	CATCHBASIN
D	DRAIN LINE
BIT.	BITUMINOUS
CONC.	CONCRETE
EOP	EDGE OF PAVEMENT
TH	TEST PIT
248x0	SPOT GRADE
	PROP. TREE REMOVAL

SOILS INFORMATION:

TEST PIT WAS PERFORMED BY
JOHN D. SULLIVAN III, P.E., C.S.E.
ON 11/5/19

TEST PIT: TH-1
ELEV.=82.9'
MOTTLING @ 28" (ELEV=80.5')
0"-4" HORIZON A: SANDY LOAM 10 YR 3/3
4"-13" HORIZON Bw: LOAMY SAND 10 YR 6/8
13"-50" C-LAYER: LOAMY SAND 2.5 Y 5/4
WATER STANDING @ 43"

TEST PIT: TH-2
ELEV.=81.5'
MOTTLING @ 24" (ELEV=79.5')
0"-6" HORIZON A: SANDY LOAM 10 YR 3/3
6"-15" HORIZON Bw: LOAMY SAND 10 YR 6/8
15"-55" C-LAYER: M-C SAND 2.5 Y 5/4
WATER STANDING @ 28"

TEST PIT: TH-3
ELEV.=85.2'
MOTTLING @ 38" (ELEV=82.0')
0"-5" HORIZON A: SANDY LOAM 10 YR 3/3
5"-14" HORIZON Bw: LOAMY SAND 10 YR 6/8
14"-67" C-LAYER: M-C SAND 2.5 Y 5/4
WATER STANDING @ 48"

TEST PIT: TH-4
ELEV.=86.1'
MOTTLING @ NONE
0"-4" HORIZON A0: SANDY LOAM 10 YR 3/3
4"-15" HORIZON Bw: LOAMY SAND 10 YR 6/8
15"-80" C-LAYER: M-C SAND 2.5 Y 5/4
WATER STANDING @ 72" (ELEV=80.1')

TEST PIT: TH-5
ELEV.=84.3
MOTTLING @ NONE
0"-4" HORIZON A0: SANDY LOAM 10 YR 3/3
4"-13" HORIZON Bw: LOAMY SAND 10 YR 6/8
13"-68" C-LAYER: M-C SAND 2.5 Y 5/4
WATER STANDING @ 55" (ELEV=79.7')

FOR REGISTRY OF DEEDS USE ONLY

I DECLARE, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

PAUL FINOCCHIO, PLS _____ DATE

READING COMMUNITY PLANNING & DEVELOPMENT COMMISSION

APPROVED _____, 20__

NOTES:

1. THE TOPOGRAPHY, SITE DETAIL & SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM A PARTIAL FIELD SURVEY CONDUCTED ON OCT. 1-3, 2019 BY SULLIVAN ENGINEERING GROUP, LLC.
2. THE LOCUS PROPERTY DEPICTED IS LOCATED IN ZONING DISTRICT S-20.
3. 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 WARRANTY 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.
4. 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.
5. THE ELEVATIONS DEPICTED HEREON WERE BASED UPON THE 1929 NGVD DATUM.
6. THE LOCUS PROPERTY IS NOT LOCATED WITHIN A FLOOD ZONE AS DEPICTED ON THE LATEST FLOOD INSURANCE RATE MAP.

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D

SMALL LANE EXTENSION

COMMONWEALTH OF MASSACHUSETTS
JOHN D. SULLIVAN III
CIVIL
No. 41888
REGISTERED PROFESSIONAL ENGINEER

PREDEVELOPMENT DRAINAGE PLAN
LOCATED IN
READING, MASSACHUSETTS
(MIDDLESEX COUNTY)

PREPARED FOR
JOSEPH MARINO

SCALE: 1"= 40' DATE: SEPT. 21, 2025

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

SHEET No. 1 OF 1