

TEMPORARY BENCHMARK CHART:

TBM #	DESCRIPTION	ELEV.
△	SEWER MANHOLE RIM	83.38'

TREE REMOVAL INFORMATION:

A TOTAL OF 57 TREES (6" OR GREATER) TO BE REMOVED WITHIN ROADWAY AND GRADING AREAS.

LEGEND:

- 248--- TWO FOOT CONTOUR
- DECIDUOUS TREE (> 6" DIA.)
- EVERGREEN TREE (> 6" DIA.)
- ⊕ UTILITY POLE
- ⊙ 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

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 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.
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.

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 A: 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 A: 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')

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D
4	2/22/23	NO CHANGES THIS SHEET	JDS	JDS
3	10/26/22	ADD DRAINAGE	JDS	JDS
2	4/19/22	D SERIES FLAGS ADDED	JDS	JDS
1	12/1/20	TREE REMOVAL	JDS	JDS

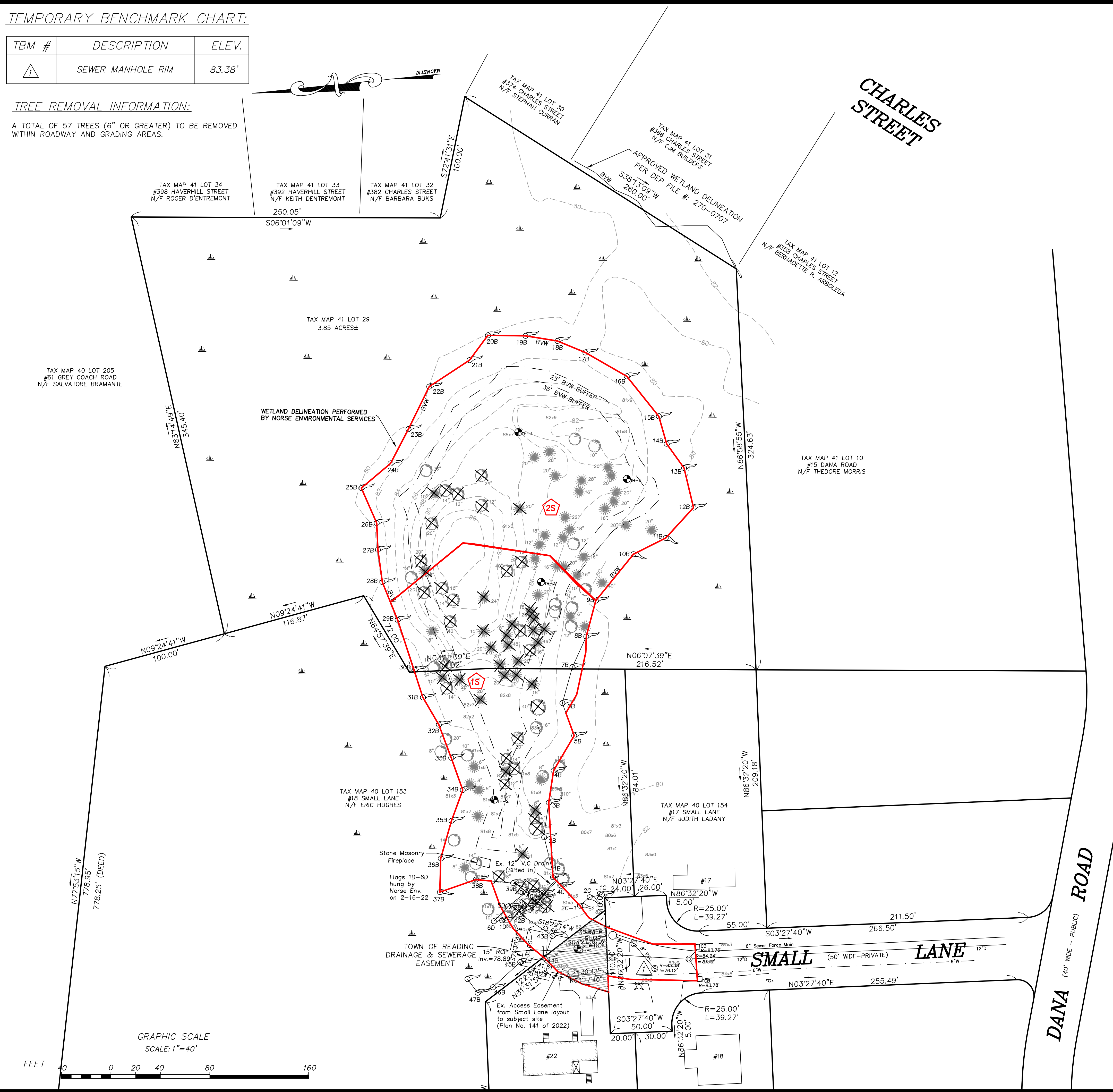
SMALL LANE EXTENSION

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

PREPARED FOR
DEL REY R.T.
SCALE: 1" = 40' DATE: JULY 27, 2020

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

SHEET No. 1 OF 1



GRAPHIC SCALE
SCALE: 1"=40'

