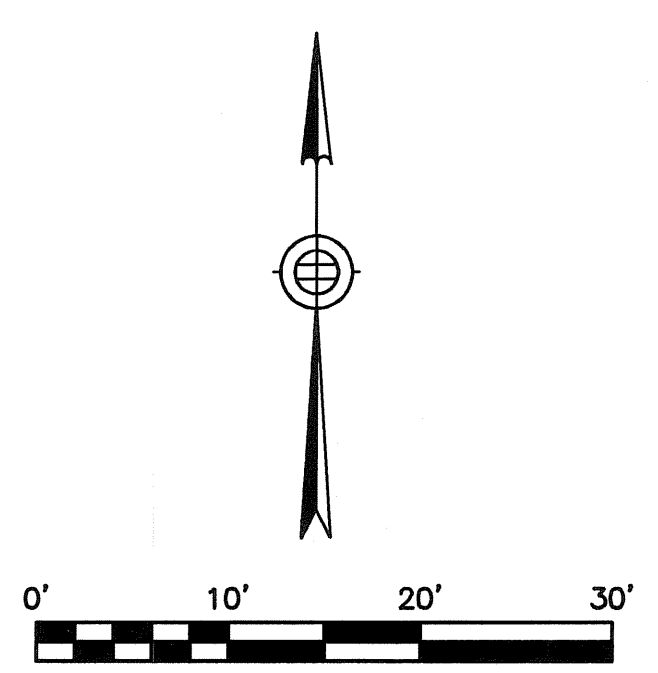
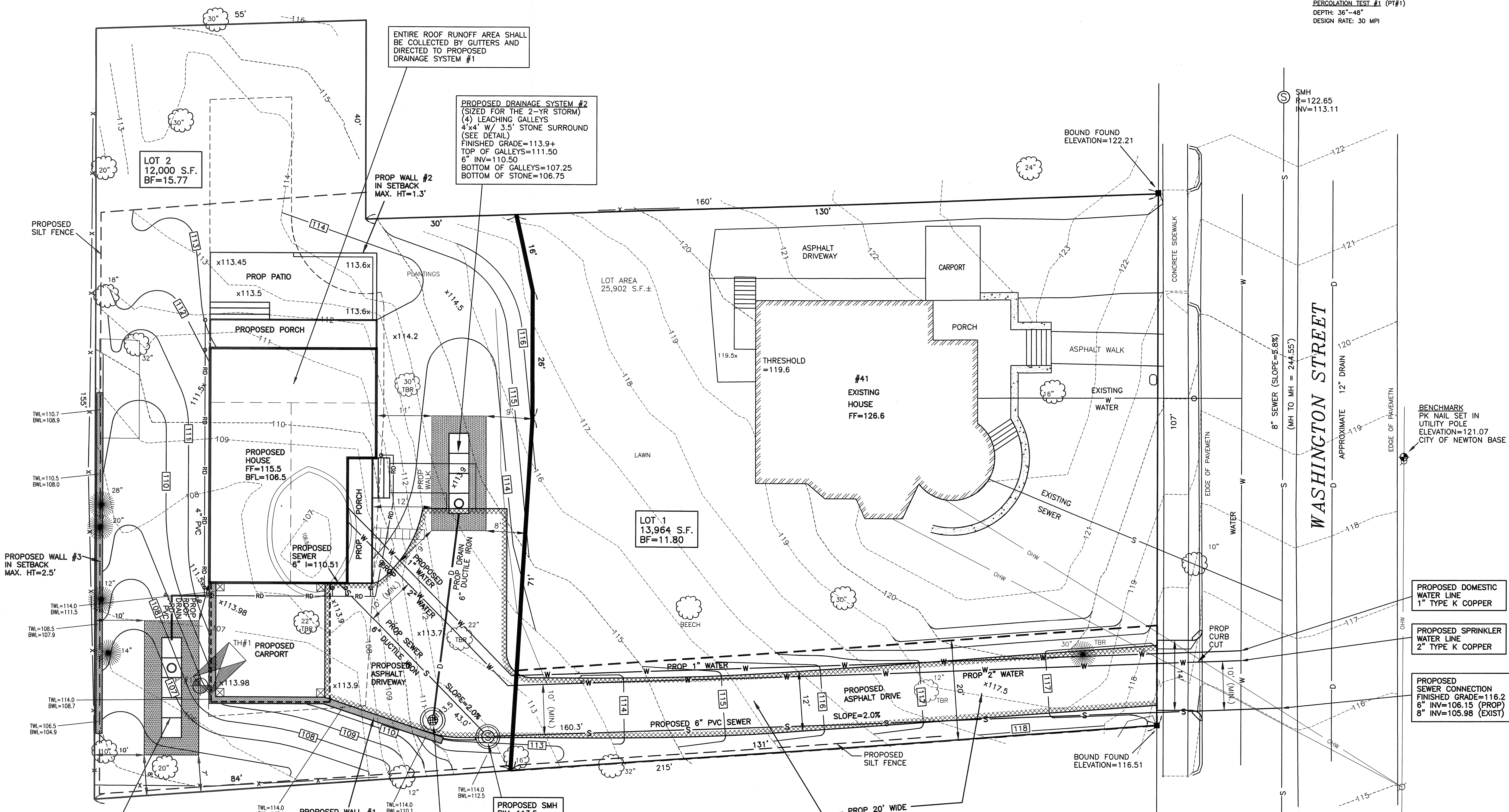


**SOIL LOG:** SEPTEMBER 3, 2015  
**TEST HOLE #1 (TH#1)**  
 ELEVATION = 106.5  
 0'-8" A SANDY LOAM 10 YR 4/1  
 8"-22" B SANDY LOAM 10 YR 7/8  
 22"-108" C SANDY LOAM 2.5 Y 7/6  
 NO MOTTLES OBSERVED  
 NO GROUNDWATER OBSERVED  
 NO LEDGE OBSERVED  
**PERCOLATION TEST #1 (PT#1)**  
 DEPTH: 36"-48"  
 DESIGN RATE: 30 MPI



**LEGEND**

- UTILITY POLE
- WATER GATE
- HYDRANT
- GAS GATE
- SEWER MANHOLE
- DRAIN MANHOLE
- CATCH BASIN
- TREE
- LIGHT POLE
- SIGN
- TBR TO BE REMOVED
- TBA TO BE ABANDONED
- TH# DEEP TEST HOLE
- PT# PERCOLATION TEST
- 71.4 X SPOT ELEVATION
- 71 PROPOSED CONTOUR
- 71 EXISTING CONTOUR
- D DRAIN LINE
- RD ROOF DRAIN
- FD FOUNDATION DRAIN
- W WATER LINE
- S SEWER LINE
- G GAS LINE
- OHW OVERHEAD WIRES
- X FENCE
- STONEWALL
- HEDGE
- TREE LINE



**PROPOSED DRAINAGE SYSTEM #1**  
 (SIZED FOR THE 100-YR STORM)  
 (5) LEACHING GALLEYS  
 4'x4' W/ 3.5' STONE SURROUND  
 (SEE DETAIL)  
 FINISHED GRADE=105.5+  
 TOP OF GALLEYS=104.50  
 4" INV=103.50  
 BOTTOM OF GALLEYS=100.25  
 BOTTOM OF STONE=99.75

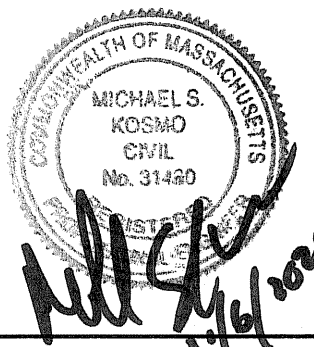
**PROPOSED DRAINAGE SYSTEM #2**  
 (SIZED FOR THE 2-YR STORM)  
 (4) LEACHING GALLEYS  
 4'x4' W/ 3.5' STONE SURROUND  
 (SEE DETAIL)  
 FINISHED GRADE=113.9+  
 TOP OF GALLEYS=111.50  
 6" INV=110.50  
 BOTTOM OF GALLEYS=107.25  
 BOTTOM OF STONE=106.75

**PROPOSED UTILITIES & GRADING**  
 SCALE: 1 IN. = 10 FT.

**PROPOSED DOMESTIC WATER LINE**  
 1" TYPE K COPPER

**PROPOSED SPRINKLER WATER LINE**  
 2" TYPE K COPPER

**PROPOSED SEWER CONNECTION**  
 FINISHED GRADE=116.2  
 6" INV=106.15 (PROP)  
 8" INV=105.98 (EXIST)



**SITE PLAN OF LAND IN NEWTON, MA**

41 WASHINGTON STREET

SCALE: 1 IN. = 10 FT.  
 DATE: JULY 16, 2020  
 DRAWN: ES  
 CHECK: MSK & BB  
 REVISIONS:

DATE	DESCRIPTION	BY
8/26/20	VARIOUS	ES
11/6/20	VARIOUS	ES