



NORMAN G. HILL P.E. # 31887
DATE: 6-7-26

PLAN & PROFILE

LEGEND

STONE WALL
TREE LINE
SEWER MANHOLE
DRAIN MANHOLE
WELL
EROSION CONTROL
PROPOSED CONTOUR
EXISTING CONTOUR

CB CATCH BASIN
BM BENCH MARK
UP UTILITY POLE
TO PEDESTAL
DRY DEEP HOLE
PROPOSED SPOT ELEV.
EXISTING SPOT ELEV.

ZONING

ZONE: RURAL RESIDENTIAL

AREA	REQUIRED
FRONT YARD	60,000 s.f.
REAR YARD	500
SIDE YARD	20
REAR YARD	20

SOIL TEST DATA

TEST PERFORMED BY: WILLIAM HALLSING #2823
TEST WITNESSED BY: LENNY IZZO
DATE PERFORMED: 7/16/20

DH-1
Ground Elevation: 428.0
0-10" A 10YR3/2, loamy sand, granular, friable
10-32" B 10YR7/6, loamy sand, blocky, friable
32-108" C 7.5YR7/1, loamy sand, massive, friable
Redoximorphic Features at: 421.7 (76")
Percolation Rate: 13 minutes per inch

DH-2
Ground Elevation: 424.5
0-12" A 10YR3/2, loamy sand, granular, friable
12-24" B 10YR7/6, loamy sand, blocky, friable
24-96" C 7.5YR7/1, loamy sand, massive, friable
Redoximorphic Features at: 422.0 (30")
Percolation Rate: 8 minutes per inch

GENERAL NOTES

- ALL ELEVATIONS REFER TO NAVD83. SEE PLAN FOR BENCHMARK LOCATION
- ALL CONSTRUCTION SHALL CONFORM TO 310 CMR 15.00, TITLE V AND THE REGULATION OF THE TOWN'S BOARD OF HEALTH.
- THIS PLAN DOES NOT WARRANT OR IMPLY ANY SUBSURFACE SOIL CONDITIONS OTHER THAN ENCOUNTERED AT THE IMMEDIATE TEST PIT LOCATIONS. IF UNSUITABLE MATERIAL IS ENCOUNTERED, THE DESIGN ENGINEER SHALL BE CONTACTED IMMEDIATELY.
- ALL TANKS, D-BOXES, AND CHAMBERS SHALL BE SET LEVEL AND TRUE TO GRADE ON A MECHANICALLY COMPACTED STABLE BASE.
- IF THE D-BOX IS DOSED OR THE INLET SLOPE EXCEEDS 8%, AN INLET TEE SHALL BE REQUIRED.
- AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED TO MINIMIZE EROSION. THE AREA OVER THE SYSTEM SHALL BE GRADED TO A MINIMUM OF 2% SLOPE TO PROVIDE POSITIVE SURFACE DRAINAGE.
- THIS PLAN SHALL NOT BE USED FOR THE REPRODUCTION OF PROPERTY LINES, NOR SHALL IT BE USED TO DETERMINE THE LOCATION OF UTILITIES. THE LOCATION OF UTILITIES SHALL BE DETERMINED BY THE OWNER PRIOR TO CONSTRUCTION.
- THE OWNER IS RESPONSIBLE FOR THE DETERMINATION OF THE LOCATIONS OF ALL BURIED UTILITIES.
- FOR PROPER PERFORMANCE, THE SEPTIC TANK SHOULD BE INSPECTED AT LEAST ONCE A YEAR AND PUMPED WHEN THE TOTAL DEPTH OF SOLIDS EXCEEDS 1/4 THE LIQUID DEPTH OF THE TANK.
- ANY ALTERATIONS MUST BE REPORTED TO THE DESIGN ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE SYSTEM MUST BE INSPECTED DURING CONSTRUCTION BY THE BOARD OF HEALTH OR ITS AGENT AND THE DESIGN ENGINEER AND BE CERTIFIED BY THE DESIGN ENGINEER.
- NO STRUCTURE MAY BE CONSTRUCTED OVER THE RESERVE AREA.
- CONSERVATION COMMISSION APPROVAL MAY BE REQUIRED.
- THE SYSTEM SHALL BE VENTED IF THE TRENCH LENGTH EXCEEDS 50'. THE SYSTEM IS PUMPED OR DOSED, OR IS COVERED BY PAVEMENT.
- SEE 310 CMR 15.255 FOR FILL SPECIFICATIONS. SEE 310 CMR 15.247 FOR AGGREGATE SPECIFICATION.
- ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPAREABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
- HYDRAULIC CEMENT IS REQUIRED TO SEAL ALL CONNECTIONS AT THE SEPTIC TANK AND DISTRIBUTION BOX.
- WATER SOFTENERS ARE NOT TO BE CONNECTED TO THE SEPTIC TANK.
- NO IRRIGATION SYSTEMS ARE ALLOWED OVER THE SEPTIC TANK OR D-BOX.

SUBSURFACE SEWAGE DISPOSAL SYSTEM / SITE PLAN

CLIENT: Lot 6A
Map 7 Lot 243-6 (partial)
6 West Hill Road
Mendon, MA

DESIGNED BY: WDH
CHECKED BY: NGH

DATE: 10/2/20 SCALE: 1"=30'
DRAWING NO.: 1 OF 1 JOB NO: B1133

DATE REVISION DESCRIPTION DRAWN CHK

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