

**Dig Safe**  
 Excavations  
 Before you dig contact the Dig Safe Center. To prevent damage to telephone, gas or electric underground facilities of member utilities, call toll free Massachusetts state law requires notification at least three business days before you start digging operations. In an emergency, call immediately.



Rooftop Downspout System to be Min. 4" Sch. 20 PVC, Unless Noted, Sch. 80 Under Driveway & Parking Area's with less than 4' of cover, Min S=0.005. Contractor to field locate actual downspout uprights and locate leader piping as necessary to accommodate actual downspouts, downspout locations shown are approximate.

Sewer to be fully enclosed in Concrete a Min. of 3" each side of the Water service crossing

- Legend**
- =Erosion Control
  - =Trench Drain
  - ⊕ =Catch Basin
  - ⊙ =Drain ManHole
  - ⊙ =Sewer ManHole
  - ⊙ =Hydrant
  - =Gas Gate
  - =Water Gate
  - ⊗ =Gas Gate
  - ⊗ =Water Gate
  - ⊙ =Utility Pole
  - ☆ =Light Pole
  - ⊙ =Test Pit
  - =Tree To Remain
  - =Tree To Be Removed
  - =Rim Elevation
  - =Invert Elevation
  - =Top of Concrete Elevation
  - =Proposed Spot Elevation
  - =Proposed Contour Line
  - =Existing Contour Line
  - =Existing Spot Elevation
  - =Existing Fence
  - ⊙ =Proposed D-Stone
  - S85°19'54"E 102.43' =Property Line W/Bearing & Distance

**DH-1 ELEV. 86.4+/-**

DEPTH	SOIL
10"	Fine Sandy Loam(Fill)
14"	Ash(Fill)
25"	B - Fine Sandy Loam 10YR 6/8
66"	C - Medium Sandy Loam 2.5Y 5/3
	Refusal on Boulders No Water/No Mottling

**DH-2 ELEV. 86.0+/-**

DEPTH	SOIL
19"	A - Fine Sandy Loam 10YR 3/3
38"	B - Fine sandy Loam 10YR 6/8
74"	C - Medium Sandy Loam 2.54 5/2
	No Water/No Mottling

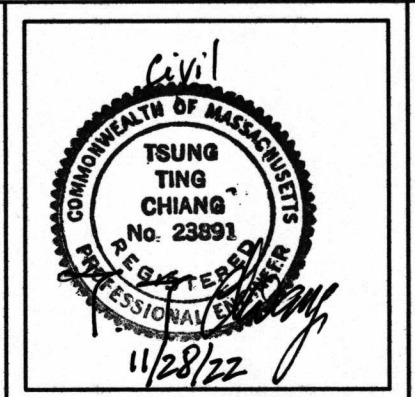
**DH-3 ELEV. 85.7+/-**

DEPTH	SOIL
11"	A - Fine Sady Loam 10YR 3/3
25"	B - Fine Sandy Loam 10YR 6/8
56"	C - Medium Sandy Loam 2.5Y 5/2
	Refusal on Ledge (Ledge @ 42" on North end of hole) No Water/No Mottling

Elevations on the City of Newton Sewer Base  
 UTILITIES SHOWN WERE COMPILED FROM ACTUAL FIELD LOCATIONS, CONTRACTORS NOTES, BEST AVAILABLE INFORMATION AND MAY OR MAY NOT BE CORRECT. FIELD VERIFY PRIOR TO ANY EXCAVATION.

**REVISIONS**

DATE	DESCRIPTION



~Proposed Drainage & Utility Plan~

**219 Melrose Street**  
**Newton, Massachusetts**

Scale: 1"=10'      October 19, 2022  
 Dellorco Associates  
 Land Surveyors - Civil Engineers  
 7 Oak Street, Foxborough, Ma. 02035  
 dellorcoassociates@gmail.com    508-549-9965

Project:  
 Desinged By:  
 Drawn By:  
 Checked By:

0 10 20 30 40  
 Sheet 4 of 7