



Engineering Division

TOWN OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
51 GROVE STREET
ARLINGTON, MA 02476

Phone: 781-316-3320
Fax: 781-316-3281

Type: Grant of Location Recommendations

Date: September 4, 2019

Applicant: Eversource

Site/Project Location: Water St.

The Engineering Division has reviewed the attached petition by Eversource for consideration of a Grant of Location for the installation of conduit as indicated on the enclosed Engineering Design Sketch, "Plan of Water St., proposed Conduit Location", dated August 7, 2019. Upon completion of our review we are submitting the following recommendations and conditions for consideration by the Board of Selectmen should the Grant of Location be approved for this submittal.

Additional Conditions

1. Notification shall be provided to the immediate abutter prior to the commencement of construction activities. This notification should summarize the activities of the project and detail potential impacts. Additional information shall be provided instructing the abutter to forward any questions and/or concerns regarding the project to the contractor or Eversource and shall include the appropriate contact information.
2. The proposed conduit installation shall be located/installed so as not to impede future right of way improvements (i.e. curb adjustment, guardrail installation, water and sewer rehabilitation etc.). and where possible shall be located in the nearest proximity as possible with other Eversource infrastructure.
3. During construction, uninterrupted pedestrian access (or temporary pedestrian facilities) shall be provided at all times or an appropriate alternative path shall be provided.
4. Please be aware that there may be on-site utility infrastructure that is not shown on the Engineering Sketch and may be encountered in the field. If a conflict occurs between the proposed conduit installation and existing Town-Owned utility infrastructure, the Town Engineer shall be contacted directly to discuss an appropriate resolution.
5. The contractor should be aware that there may also be Town-Owned utilities in close proximity to this proposed work. It is the sole responsibility of the contractor to ensure that these utilities, if located within limits of this work, should be properly marked and protected during construction activities.
6. The installation of the conduit will require additional permitting (Trench Permit and/or Street Occupancy Permit) through the Town of Arlington Engineering Division prior to the start of construction.
7. All disturbances to curbing, grass strips, sidewalk, walkways, and roadway surfaces should be repaired in kind and to the satisfaction of the Town of Arlington Engineering Division. If any existing sidewalk is proposed to be removed, it shall be removed and replaced in full-width and in accordance with all current ADA, AAB, & Town of Arlington Standards/Regulations.
8. All work within the right of way shall require the contractor to schedule and coordinate a police traffic detail. Traffic control and safety measures shall be instituted in adherence to applicable OSHA requirements, Massachusetts DOT Work Zone Safety Guidelines and Part VI of the Manual on Uniform Traffic Control Devices. A pre-construction meeting is recommended to coordinate with other on-going projects in Town.

9. An as-built plan indicating location of new conduit, structures and equipment shall be provided to the Arlington Engineering Division.
10. All material stockpiled on roadways and/or roadway shoulders shall be protected with erosion control devices, such as silt fence and/or straw waddles. Any sediment that enters the Town drainage system as a result of this work will be the sole responsibility of the contractor to remove.
11. Equipment, staging, and stockpiles shall not be located or stored so as to interfere with intersection sight lines. The Town prefers that all materials & equipment be located no closer than 50' to an intersection where practical.

MAP: 50.A BLOCK 0006 LOT: 0002.0
14 WATER ST, UNIT 2
N/F

MUKHERJI, SOMNATH &
MANDAL, MONALISA

MAP: 50.A BLOCK 0006 LOT: 0001.0
14 WATER ST, UNIT 1
N/F

TRYON, MARGARET

MAP: 50.A BLOCK 0005 LOT: 0018
18 WATER ST, UNITS 1-3
(SEE ABUTTERS LIST)

COURT ST

RETAINING STONEWALL(TYP)

CONC. SIDEWALK TP

10" D

12" DRAIN

8" SEWER

6" WATER

CONC. SIDEWALK

TP

APPROX. R.O.W.

12" GAS

8" SEWER

6" WATER

TEL(ABND)

BRICK SIDEWALK

SMH

MH16504

(ABND)

E(ABND)

WG

DMH

HYD

CONC. SIDEWALK

APPROX. R.O.W.

WATER ST

15" DRAIN

6" WATER

TEL(ABND)

WG

DMH

CONC. SIDEWALK

TP

APPROX. R.O.W.

APPROX. PT. OF PICKUP

881/4

INSTALL 2 - 4" PVC PIPES
TYPE EB IN CONCRETE
SECTION 2 FIG. 1

MAP: 50.0 BLOCK: 0007 LOT: 0004.A
0 MASS AVE (NO ADDRESS #)
N/F

TOWN OF ARLINGTON SELECTMEN

SECTION - 2
STREET SURFACE

3'-0" MIN.

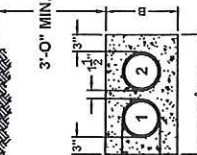


FIG. 1 2-DUCTS

FIG	DIMENSIONS			
	4" Ducts	5" Ducts	6" Ducts	8" Ducts
1A	10"	10"	11"	12"
1	16 1/2"	10 1/2"	18 1/2"	21"
2	22 1/2"	16 1/2"	25 1/2"	28"
3	28 1/2"	22 1/2"	31 1/2"	34"
4	34 1/2"	28 1/2"	37 1/2"	40"
5	40 1/2"	34 1/2"	43 1/2"	46"
6	46 1/2"	40 1/2"	49 1/2"	52"
7	52 1/2"	46 1/2"	55 1/2"	58"
8	58 1/2"	52 1/2"	61 1/2"	64"
9	64 1/2"	58 1/2"	67 1/2"	70"
10	70 1/2"	64 1/2"	73 1/2"	76"
11	76 1/2"	70 1/2"	79 1/2"	82"
12	82 1/2"	76 1/2"	85 1/2"	88"
13	88 1/2"	82 1/2"	91 1/2"	94"
14	94 1/2"	88 1/2"	97 1/2"	100"
15	100 1/2"	94 1/2"	103 1/2"	106"
16	106 1/2"	100 1/2"	109 1/2"	112"

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C# 173-19

Ward #

Work Order # 2347714

Surveyed by: JF/Pg

Research by: Pg

Plotted by: Pg

Proposed Structures: LM

Approved: A DEBENEDICTIS

P#

Plan of WATER STREET

ARLINGTON

Showing PROPOSED CONDUIT LOCATION

NESTAR EVERSOURCE
d/b/a

1165 MASSACHUSETTS AVE. DORCHESTER, MASS. 02125

Scale 1"=20'

Date AUGUST 7, 2019

SHEET 1 of 1

MASS. LAW

REQUIRES 72 HOURS ADVANCE NOTICE TO UTILITY COMPANIES BEFORE DIGGING BY ANYONE. CALL DIG-SAFE 1-888-344-7233

0 20 40



SCALE IN FEET