

ALD McLAUGHLIN  
2 UTILITIES



CITY OF SOMERVILLE, MASSACHUSETTS  
CITY CLERK'S OFFICE  
JOSEPH A. CURTATONE  
MAYOR

JOHN J. LONG  
CITY CLERK

May 17, 2016

**NOTICE**

You are hereby notified that the Board of Aldermen will hold a Public Hearing on the following Petition. You are receiving this Notice because City records indicate that you own property that abuts the work that is being proposed. You and other members of the public are invited to attend and be heard at this Hearing.

**PETITION:** Eversource (NStar Electric) is applying for a Grant of Location to install one new sole Eversource Pole 249/1 and one new steel stub Pole 249/1-S in the northeast side of Mystic Avenue 105 feet southeast of Assembly Square Drive.

**PLACE:** Aldermanic Chambers, 2<sup>nd</sup> Floor, City Hall, 93 Highland Avenue, Somerville.

**TIME:** Thursday, May 26, 2016, at 7:00 PM.

**PURPOSE:** The work is necessary as part of the redevelopment of Assembly Square.

John J. Long  
City Clerk

W.O. #2124931



2016 MAY 12 A 10: 52

CITY OF SOMERVILLE, MASSACHUSETTS

DEPARTMENT OF PUBLIC WORKS

JOSEPH A. CURTATONE

MAYOR

CITY CLERK'S OFFICE  
SOMERVILLE, MA

**STAN KOTY**  
*Commissioner*

**RICK WILLETTE**  
*Director of Operations*

April 11, 2016

The Honorable Board of Aldermen  
City Hall  
93 Highland Avenue  
Somerville MA, 02143

**RE: Grant of Location**  
**NSTAR Electric d/b/a Eversource**  
**Mystic Avenue**  
**W.O. #2124931**

Dear Board Members:

Preliminary approval is recommended for the petition and plan of NSTAR Electric Company d/b/a Eversource to install one (1) new sole Eversource Pole 249/1 in Mystic Avenue and one (1) steel stub Pole 249/1-S in Mystic Avenue. The poles will be located on the northeasterly side of Mystic Avenue, approximately 105 feet southeast of Assembly Square Drive.

This recommendation is made with reference to NSTAR Electric's letter of March 29, 2016 and plan of February 29, 2016 revised on March 3 and March 9, 2016 upon stipulation that the Grant of Location is subject to: a reservation of rescission by the Board of Aldermen; indemnification of the City for all liability arising from said Grant; all permit procedures, conditions and approvals of municipal utilities; protection of existing infrastructure; and complete surface repair, restoration and maintenance. A public hearing will be required.

This work is necessary as part of the redevelopment of Assembly Square.

Respectfully requested,  
Department of Public Works

  
Stan Koty, Commissioner

# EVERSOURCE

101 Linwood Street  
Somerville, MA 02143

March 29, 2016

John Long  
Office of the City Clerk  
93 Highland Avenue  
Somerville, MA 02143

Re: Mystic Avenue  
Somerville, MA  
W.O. #2124931

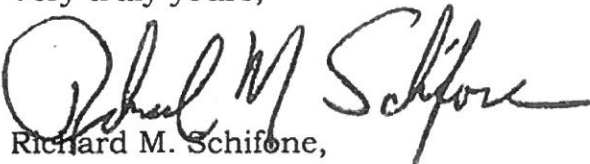
Dear Sir:

The NSTAR Electric Company d/b/a Eversource Energy, respectfully requests a Grant of Location to install one new sole Eversource, pole 249/1 and one steel stub pole 249/1-S in Mystic Avenue.

This work is necessary as part of the redevelopment of Assembly Square.

Thank you for your prompt attention to this request. If you have any questions, please call Jacqueline Duffy, Right of Way Agent, 617-629-3204.

Very truly yours,

  
Richard M. Schifone,  
Supervisor

RMS/cf

cc: Highway Department  
Engineering Department

**PETITION OF NSTAR ELECTRIC COMPANY d/b/a EVERSOURCE ENERGY  
FOR RELOCATION OF POLES**

To the: **BOARD OF ALDERMEN** of the City of **SOMERVILLE**, Massachusetts

Respectfully represents NSTAR ELECTRIC COMPANY, d/b/a EVERSOURCE ENERGY, a company incorporated for the transmission of electricity for lighting, heating or power, that it desires to erect a guy pole for such transmission in the public way or ways hereinafter specified.

WHEREFORE, your petitioner prays that, after due notice and hearing as provided by law the **BOARD** may by Order grant to your petitioner permission to erect or construct, and a location for, such a line of wires, poles and such other fixtures including anchors and guys as may be necessary to sustain or protect the wires of the line, the said poles to be located, substantially as shown on the plan made by **A. DeBenedictis** dated **March 09, 2016**, and filed herewith, upon, along and across the following public way or ways of said City:

**Mystic Avenue – Northeasterly side approximately 105 feet southeast  
Of Assembly Square Drive, install one (1) new sole  
Eversource pole 249/1 and one (1) new steel stub  
pole 249/1-S.**

**W.O. #2124931**

**NSTAR ELECTRIC COMPANY,  
d/b/a EVERSOURCE ENERGY**

By: 

Richard M. Schifone, Supervisor  
Rights and Permits

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2016

City of Somerville, Massachusetts.

Received and filed \_\_\_\_\_, 2016.

\_\_\_\_\_  
City Clerk

ORDER FOR LOCATION FOR POLES

City of Somerville, Massachusetts

March 29, 2016

In City of Somerville

WHEREAS, NSTAR ELECTRIC COMPANY, d/b/a Eversource Energy has petitioned for permission to erect or construct a line for the transmission of electricity for lighting, heating or power upon, along and across the public way or ways of the City hereinafter specified, and notice has been given and a hearing held on said petition as provided by law.

It is ORDERED that **NSTAR ELECTRIC COMPANY, d/b/a Eversource Energy** be and hereby is granted permission to erect or construct, and a location for, such a line of wires, poles and such other fixtures as may be necessary to sustain or protect the wires of the line upon, along and across the following way or ways of said City:

**Mystic Avenue – Northeasterly side approximately 105 feet southeast of  
Assembly Square Drive, install one (1) new sole  
Eversource pole 249/1 and one (1) new steel  
stub pole 249/1-S.**

**W.O. #2124931**

All construction work under this Order shall be in accordance with the following conditions: Poles shall be of sound timber and located as shown on a sketch made by A. DeBenedictis, dated March 09, 2016 on file with said petition. There may be attached to said poles by said Company wires and cables necessary for the conduct of its business. All suchwires and cables shall be placed at a height of not less than twenty feet from the ground.

A true record.

Attest: \_\_\_\_\_  
City Clerk

Approved: \_\_\_\_\_

\_\_\_\_\_  
Mayor

**CERTIFICATE**

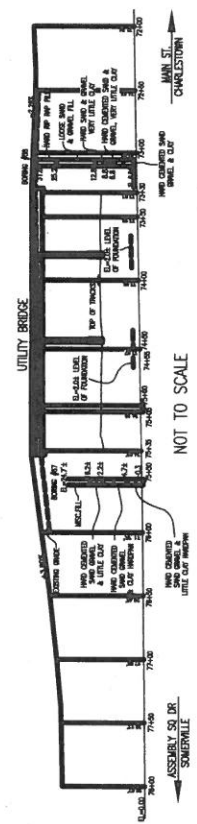
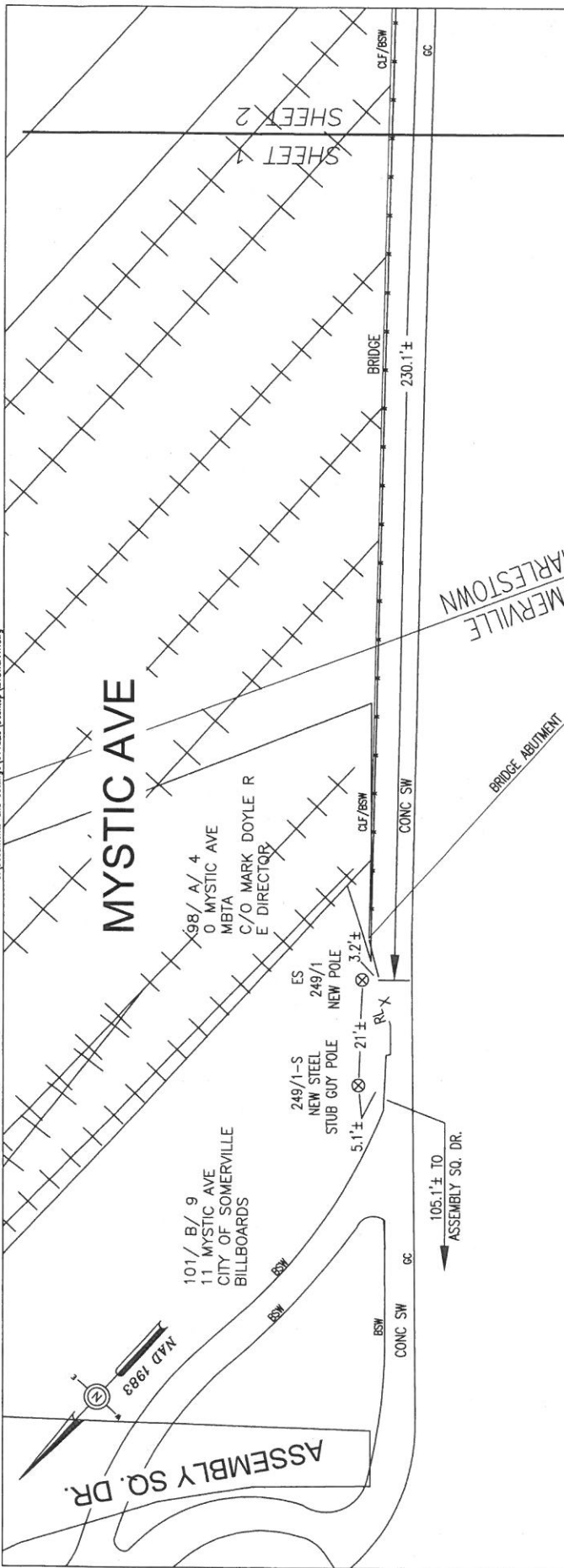
I hereby certify that the foregoing Order was adopted after due notice and public hearing as prescribed by Section 22 of Chapter 166 of the General Laws (Ter. Ed.) and any additions thereto or amendments thereof, to wit:-after written notice of the time and place of the hearing mailed at least seven days prior to the date of the hearing by the Selectmen to all owners of real estate abutting upon that part of the way or ways upon, along or across which the line is to be constructed under said Order as determined by the last preceding assessment for taxation and a public hearing held on the \_\_\_\_ day of \_\_\_\_\_ at Board of Alderment in said City.

\_\_\_\_\_  
City Clerk

**CERTIFICATE**

I hereby certify that the foregoing are true copies of the Order of the City of Somerville, Massachusetts, duly adopted on the \_\_\_\_\_ day of \_\_\_\_\_, 2016 and recorded with the records of location Orders of Said City. Bood \_\_\_\_\_, Page \_\_\_\_\_, and of the certificate of notice of hearing thereon required by Section 22 of Chapter 166 of the General Laws (Ter. Ed.), and any additions thereto or amendments thereof, as the same appear of record.

Attest: \_\_\_\_\_



BY YOUR USE OF THE INFORMATION CONTAINED IN THIS MAP, YOU AGREE THAT NO WARRANTY IS MADE BY THE ENGINEER OR ANY OTHER PARTY FOR THE ACCURACY, COMPLETENESS, OR SUITABILITY OF THE INFORMATION FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PREPARED. THE ENGINEER AND ANY OTHER PARTY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR FROM THE USE OF THE INFORMATION, WHETHER OR NOT SUCH DAMAGE, LOSS, OR INJURY COULD HAVE BEEN PREVENTED BY THE EXERCISE OF REASONABLE CARE. THE INFORMATION IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THE USER OF THE INFORMATION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND FOR THE PROTECTION OF THE INFORMATION FROM ANY LOSS OR DESTRUCTION.		<p><b>ASTAR EVERSOURCE</b></p> <p>Plan of MYSTIC AVE &amp; MAIN ST.</p> <p>SOMERVILLE/CHARLESTOWN</p> <p>Showing PROPOSED CONDUIT &amp; MANHOLES LOCATIONS</p> <p>REVISED 3/3/16, REV 3/9/16</p> <p>Scale 1"=20'</p> <p>Date FEBRUARY 29, 2016</p> <p>SHEET 1 of 2</p>	
Proposed pole locations shown thus	⊕	C# 133-15	
Pole locations to be eliminated, shown thus	⊖	Ward #	
Proposed Anchor Guy shown thus	T	Work Order # 214931	
Proposed Hip Guy shown thus	T	Surveyed by BS/LM	
Proposed Underground location shown thus	—	Research by SC	
Proposed Push Brace shown thus	⊕	Plotted by LM	
Existing Pole location shown thus	⊙	Proposed Structures LMERQUY	
		Approved: A DEBENDIKTS	
		P#	



Design tension: Normal, 2,000 lbs. NEC heavy Ruling span = 200'

Temp (F)	75	100	125	150	175	200	225	250	Tension (lbs)
0	7	13	20	29	39	51	65	80	741
30	8	15	23	33	44	58	73	91	653
60	9	16	25	37	50	65	82	102	589
90	10	18	27	39	54	70	89	109	541

Initial sag, inches

Temp (F)	75	100	125	150	175	200	225	250	Tension (lbs)
32, 12° ice	9	17	26	37	51	66	84	103	1,433
32, bare	8	16	24	35	47	62	78	97	613
60	10	17	27	38	52	68	86	106	561
167	12	22	34	49	67	87	110	136	441

Final sag, inches

Design tension: Maximum allowable, 3,000 lbs. NEC heavy Ruling span = 200'

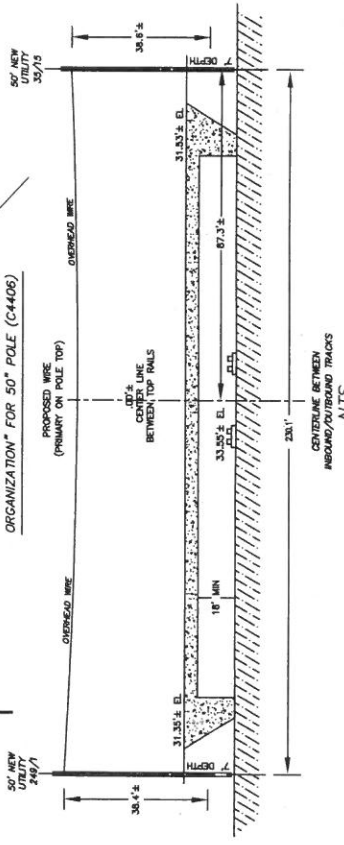
Temp (F)	75	100	125	150	175	200	225	250	Tension (lbs)
0	3	6	9	12	17	22	28	34	1,716
30	4	8	12	17	23	30	38	47	1,246
60	5	10	15	22	30	38	49	61	970
90	7	12	18	26	36	47	59	73	805

Initial sag, inches

Temp (F)	75	100	125	150	175	200	225	250	Tension (lbs)
32, 12° ice	7	12	18	28	38	47	59	73	2,019
32, bare	5	10	15	22	30	38	49	61	972
60	7	12	18	26	36	47	59	73	811
167	10	18	28	40	54	71	90	111	540

Final sag, inches

NOTE:  
SEE EVERSOURCE "CONSTRUCTION  
STANDARD ELECTRIC OPERATIONS  
ORGANIZATION" FOR 50" POLE (C4406)



BY YOUR USE OF THE INFORMATION CONTAINED IN THIS MAP, YOU AGREE THAT NO WARRANTY IS MADE BY THE INFORMATION CONTAINED HEREIN. THE INFORMATION CONTAINED HEREIN IS FOR YOUR INFORMATION ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE.

**ASTAR EVERSOURCE**

Plan of MYSTIC AVE & MAIN ST.

Surveyed by: BS/LM

Research by: SC

Proposed Pole location shown thus

Existing Pole location shown thus

Proposed Anchor Guy shown thus

Proposed Hip Guy shown thus

Proposed Underground location shown thus

Proposed Push Brace shown thus

Proposed Structures: L/MERCURY

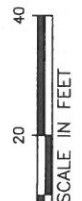
Revised: 3/3/16, REV 3/9/16

Approved: A DEBENDICIS

Scale: 1"=20'

Date: FEBRUARY 28, 2016

SHEET: 2 of 2





**WO # 2124931**  
**MYSTIC AVE**  
**SOMERVILLE, MA 02143**

101/ B/ 9  
11 MYSTIC AVE  
CITY OF SOMERVILLE  
BILLBOARDS  
93 HIGHLAND AVE  
SOMERVILLE, MA 02143

101/ B/ 10  
13 MYSTIC AVE  
CITY OF SOMERVILLE  
ASSEMBLY SQ DRIVE  
93 HIGHLAND AVE  
SOMERVILLE, MA 02143

98/ A/ 4  
0 MYSTIC AVE  
MBTA  
C/O MARK DOYLE R E DIRECTOR  
10 PARK PLAZA SUITE 5720  
BOSTON, MA 02116