

**CITY OF LOWELL**

**PETITION**

**CITY COUNCIL  
Conduit Location**

*of National Hybrid  
to be installed at 1000 Cambridge St  
between 1000 Cambridge St  
to existing manhole  
In City Council*

*July 28, 2020*

Read and hearing ordered for 7PM on

*August 11, 2020*

**Read, Hearing Held,  
Referred to Wire In-  
spector, Development  
Services**

City Clerk

## Review of Utility Company Request for New Conduit/Pole Location

Applicant Information

Utility Gas  Electric  Telephone

(circle one) Other

Project Address

Across from #40 Andrews St

Lowell, MA

Reason Install (2) 6" PVC conduits from new pole 4-50 to existing manhole 3-3 on Markley Data Center Property

Date Submitted 7/21/2020

Review done by Richard Biagini

Sidewalk Material

Note: material to be replaced in kind (Concrete in full panels)

Concrete   Asphalt  Other

Sidewalk Vaults present Y   N

Work on Street under a Paving Moratorium Y   N

Is this location within the Flood Plain? Y   N

Are ADA requirements being met?  Y  N

Comments

Outcome of Review

Approved



Approved With  
Comments

Denied

Ting Chang, P.E.  
City Engineer



nationalgrid

July 14, 2020

The City Council of Lowell, Massachusetts

To Whom It May Concern:

Enclosed please find a petition of NATIONAL GRID covering the installation of underground facilities.

If you have any questions regarding this permit, please contact:

John Castro 508-509-5752

If this petition meets with your approval, please return an executed copy to:

National Grid: Lisa Ayres; 1101 Turnpike Street; North Andover, MA 01845; # 978-725-1418

Very truly yours,

*Dave Johnson/lla*

Dave Johnson  
Supervisor, Distribution Design

Enclosures

RECEIVED  
JUL 15 2020 PM 1:05

Questions contact – John Castro 508-509-5752

Petition of the Massachusetts Electric Company d/b/a NATIONAL GRID  
OF NORTH ANDOVER, MASSACHUSETTS  
For Electric Conduit Location:

To the City Council of Lowell, Massachusetts

Respectfully represents the Massachusetts Electric Company d/b/a NATIONAL GRID of North Andover, Massachusetts, that it desires to construct a line of underground electric conduits, including the necessary sustaining and protecting fixtures, under and across the public way or ways hereinafter named.

Wherefore it prays that after due notice and hearing as provided by law, it be granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as it may find necessary for the transmission of electricity, said underground conduits to be located substantially in accordance with the plan filed herewith marked – Andrews St. - Lowell, Massachusetts.

The following are the streets and highways referred to:

**28166996** Andrews St. - National Grid Install 2-6" PVC conduits from new pole 4-50 Andrews St to existing manhole 3-3 on Markley Data Center property roughly 50 feet crossing through public way beginning at a point approximately 140 feet north of the centerline of the intersection of Andrews St. and Bourne St. and continuing approximately 75 feet in a west direction.

Location approximately as shown on plan attached.

Massachusetts Electric Company d/b/a  
NATIONAL GRID *Dave Johnson/lla*  
BY \_\_\_\_\_  
Engineering Department

Dated: July 14, 2020

ORDERED:

Notice having been given and public hearing held, as provided by law, that the Massachusetts Electric Company d/b/a NATIONAL GRID be and it is hereby granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as said company may deem necessary, in the public way or ways hereinafter referred to, and to make the necessary house connections along said extensions, as requested in petition with said company dated the 14th day of July 2020.

Said underground electric conduits shall be located substantially in accordance with the plan filed herewith marked – Andrews St. - Lowell, Massachusetts.

The following are the public ways or part of ways along which the underground electric conduits above referred to may be laid:

**28166996** Andrews St. - National Grid Install 2-6" PVC conduits from new pole 4-50 Andrews St to existing manhole 3-3 on Markley Data Center property roughly 50 feet crossing through public way beginning at a point approximately 140 feet north of the centerline of the intersection of Andrews St. and Bourne St. and continuing approximately 75 feet in a west direction.

I hereby certify that the foregoing order was adopted at a meeting of the .....  
.....  
....., held on the ..... day of ....., 20 .....

....., ..... 20 .....

Received and entered in the records of location orders of the City/Town of  
Book ..... Page .....

Attest:  
.....

..... o'clock, ....M

at ....., a public hearing was held on the petition of Massachusetts Electric Company d/b/a NATIONAL GRID for permission to construct the underground electric conduits described in the order herewith recorded, and that I mailed at least seven days before said hearing a written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the ways or parts of ways upon which the Company is permitted to construct the underground electric conduits under said order. And that thereupon said order was duly adopted.

.....

.....

.....

ORDERED:

Notice having been given and public hearing held, as provided by law, that the Massachusetts Electric Company d/b/a NATIONAL GRID be and it is hereby granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as said company may deem necessary, in the public way or ways hereinafter referred to, and to make the necessary house connections along said extensions, as requested in petition with said company dated the 14th day of July 2020.

Said underground electric conduits shall be located substantially in accordance with the plan filed herewith marked – Andrews St. - Lowell, Massachusetts.

The following are the public ways or part of ways along which the underground electric conduits above referred to may be laid:

**28166996** Andrews St. - National Grid Install 2-6" PVC conduits from new pole 4-50 Andrews St to existing manhole 3-3 on Markley Data Center property roughly 50 feet crossing through public way beginning at a point approximately 140 feet north of the centerline of the intersection of Andrews St. and Bourne St. and continuing approximately 75 feet in a west direction.

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....., ..... 20 .....

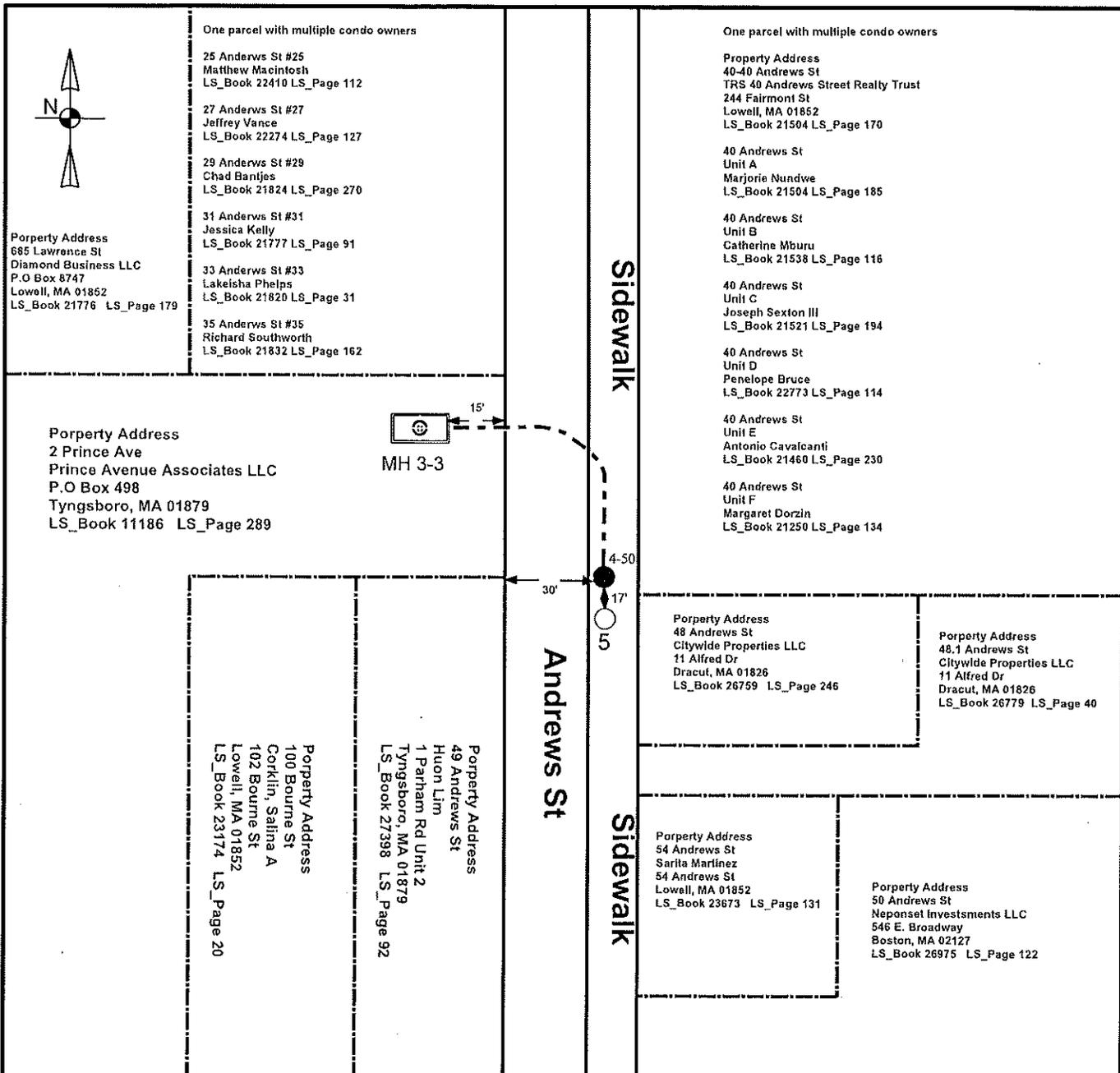
Received and entered in the records of location orders of the City/Town of  
Book ..... Page .....

Attest:  
.....

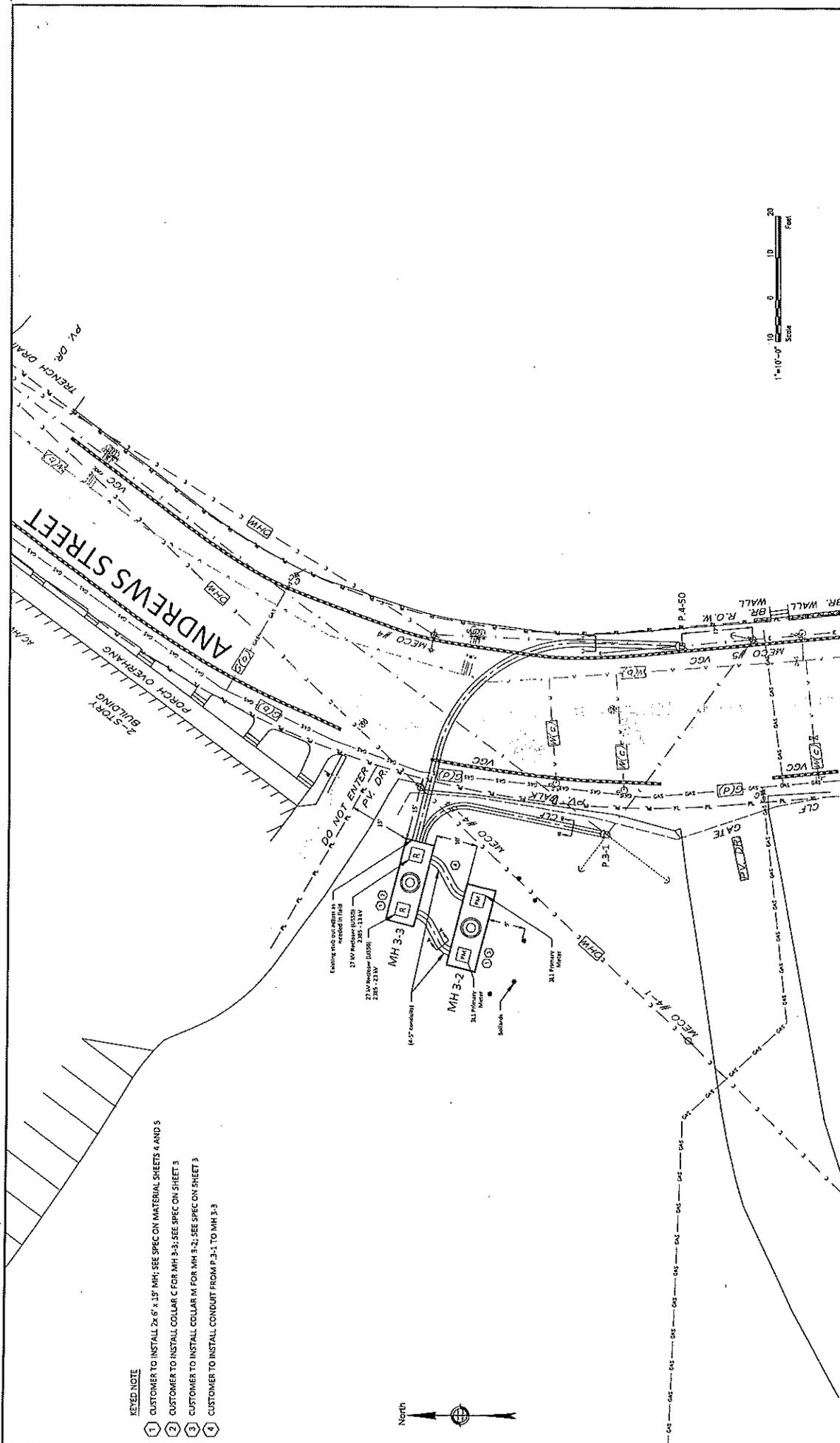
..... o'clock, ....M

at ....., a public hearing was held on the petition of Massachusetts Electric Company d/b/a NATIONAL GRID for permission to construct the underground electric conduits described in the order herewith recorded, and that I mailed at least seven days before said hearing a written notice of the time and place of said hearing to each of the owners of real estate (as determined by the last preceding assessment for taxation) along the ways or parts of ways upon which the Company is permitted to construct the underground electric conduits under said order. And that thereupon said order was duly adopted.

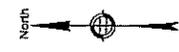
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UNDERGROUND PETITION		nationalgrid
Urd Pole	3-Phase Pad	
Manhole	Xfmr Foundation	
Pull Box	Primary Ug Wire	Plan Number: 28166996
Hand Hole	Secondary Ug Wire	To Accompany Petition Dated:
	Street Light Wire	To The: City Of Lowell
Single Phase Pad	Service Arrow	For Proposed: conduit section Location: Andrews St
DISTANCES ARE APPROXIMATE		Date Of Original Grant:



- KEYED NOTE**
- ① CUSTOMER TO INSTALL 2x6 x 12' MH; SEE SPEC ON MATERIAL SHEETS 4 AND 5
  - ② CUSTOMER TO INSTALL COLLAR C FOR MH 3-3; SEE SPEC ON SHEET 3
  - ③ CUSTOMER TO INSTALL COLLAR M FOR MH 3-2; SEE SPEC ON SHEET 3
  - ④ CUSTOMER TO INSTALL CONDUIT FROM P.3-1 TO MH 3-3



**TRC** 2x CRICK STREET, SITE 205  
PRINCETON, MA 01890

REV	DESCRIPTION	DATE	DES	CHK	APP

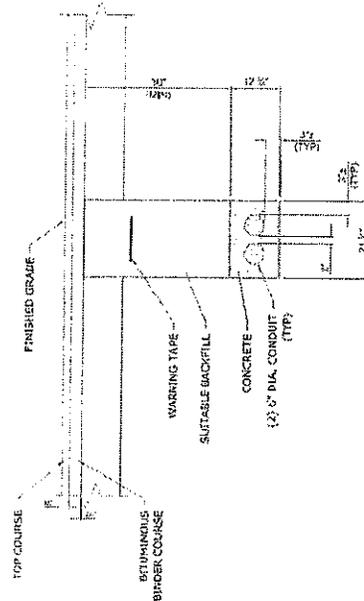
**nationalgrid**  
PRINCE AVE 3/1 CONDUCTOR  
LOWELL, MA

**TRC** SHEET 1 OF 5  
WPI28166956

- GENERAL NOTES:**
- IF THE FINISHED SURFACE OF EXISTING WORK IS IRREGULAR, IT MUST BE SAW CUT AT LEAST 1" BACK ON BOTH SIDES OF THE REINFORCING CONCRETE OR GRANITE BLOCK SUB-PARALLEL MUST BE REMOVED. REMOVE EXISTING CONCRETE SLAB, WHICH WILL BRIDGE THE FINISH AREA, PROVIDING A SOLID BASE FOR THE FINISHED SURFACE.
  - CITY OF LOWELL AND ENGINEERING AND WATER DEPARTMENT, TO BE NOTIFIED BEFORE DOWNGRAB IS STARTED.
  - WORK SHOULD BE TAKEN WHEN EXCAVATING, TO AVOID DAMAGE TO FACILITIES ANY EXIST. SPACINGS SHOW ARE APPROXIMATE AND OTHER FACILITIES MAY EXIST.
  - FIELD CREWS TO CHECK AND REPORT ALL NEW SPANS AND AID TO CONTRACTORS TO BE DONE IN ACCORDANCE WITH ALL CITY SPECIFICATIONS FOR INSTALLATION OF UNDERGROUND FACILITIES.

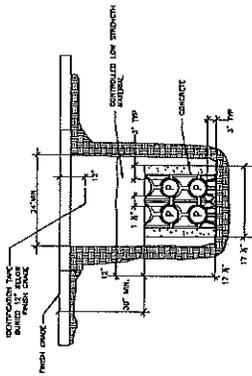
**LEGEND:**

- ⊗ INTERMEDIATE SPACER
- ⊗ BASE SPACER
- ⊗ DUCT



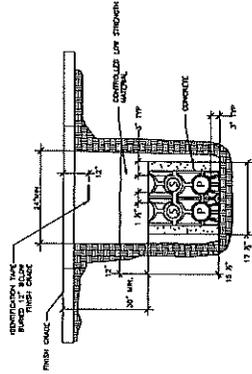
4x4" PVC CONDUITS ENCASED IN CONCRETE 30" MINIMUM COVER

3 DUCTBANK SECTION C-C  
SCALE: N/A



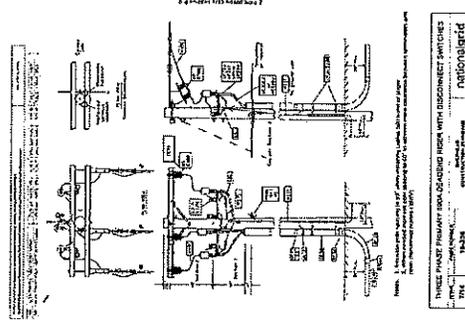
4x4" PVC CONDUITS ENCASED IN CONCRETE 30" MINIMUM COVER

1 DUCTBANK SECTION A-A  
SCALE: N/A



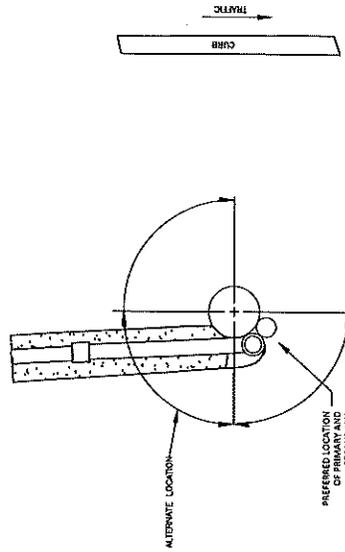
4x4" PVC CONDUITS ENCASED IN CONCRETE 30" MINIMUM COVER

2 DUCTBANK SECTION B-B  
SCALE: N/A

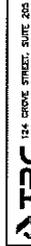


THREE PHASE PRIMARY NON-LOADING RISER WITH DISCONNECT SWITCHES

4 TYPICAL RISER DETAIL POLE 3-1  
SCALE: N/A (SECTION 19)



5 CONDUIT TERMINATION OF POLE #3-1  
SCALE: N/A



24 GREEK STREET, SUITE 205  
FRAMINGHAM, MA 01908

REV	DATE	ISS	CHK	APP	DESCRIPTION

PROJECT NO: 273713

**nationalgrid**

PRICE AVE 3LI CONDUCTOR  
LOWELL, MA

DATE: 08/20/09  
BY: JLM  
CHECKED: JLM  
SCALE: N/A

**TRC**

SHEET 2 OF 5  
WF 227169516

REV: 0