



# Public Facilities Committee Agenda

## City of Newton In City Council

Wednesday, May 19, 2021

The Public Facilities Committee will hold this meeting as a virtual meeting on Wednesday, May 19, 2021 at 7:00 pm. To view this meeting using Zoom use this link: <https://us02web.zoom.us/j/89731004608> or call 1-646-558-8656 and use the following Meeting ID: 897 3100 4608

Item Scheduled for Discussion:

### ***Public Hearing***

**#160-21**

#### **National Grid petition for grant of location in Beacon Street**

NATIONAL GRID petition for a grant of location to install and maintain gas main in Beacon Street as follows:

- 1225' ± of 8" plastic main in Beacon Street from the existing 6", LP plastic main at Glen Avenue to the existing 4", LP plastic at Union St to replace 660' ± of 4" of LP cast iron, 275' ± of 6", LP cast iron and 290' ± of 4", LP bare steel main;
- 55' ± of 6", LP plastic in the intersection of Beacon Street and Gray Cliff Road to replace 55' ± of 4", LP cast iron main;
- 175' ± of 4" LP plastic main in Cousens Circle from Beacon Street to the end of the main at #15 Cousens Circle to replace 175" ± of 4" LP bare steel main;
- 55' ± of 8" LP plastic in the intersection of Beacon Street and Grant Avenue to replace 55' ± of 4" LP cast iron main;
- 55' ± of 6", LP plastic main in the intersection of Beacon Street and Dalton Road to replace 55' ± of 6" LP Cast iron main and
- 60' ± of 8" LP plastic main in Union Street from Beacon Street to the existing 8", LP plastic main at #22 Union Street to replace 60' ± of 6" LP cast iron main

This work is a part of the Cast iron Main Replacement Program. (Wards 6 & 7)

### ***Public Hearing***

**#189-21**

#### **National Grid petition for grant of location in Commonwealth Avenue**

NATIONAL GRID petition for a grant of location to install and maintain 160' +/- of 12" plastic main extending from the existing 8" cast iron main in front of #1466 Commonwealth Ave to #1488 Commonwealth Avenue. (Ward 3)

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The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: [jfairley@newtonma.gov](mailto:jfairley@newtonma.gov) or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

**Chair's Note:** *Eversource has requested to withdraw the following petition for Highland Avenue. The petition will be resubmitted at a later date.*

**Public Hearing**

**#190-21 Eversource Energy petition for a Grant of Location on Highland Avenue**  
EVERSOURCE ENERGY petitioning for a grant of location to relocate one pole (JO Pole #207/19) 21' ± in an easterly direction to in front of #164 Highland Avenue (Ward 3).

**Referred to Public Facilities and Finance Committees**

**#198-21 Transfer \$400,000 to the Transportation Network Improvement Program**  
HER HONOR THE MAYOR requesting authorization to transfer the sum of four hundred thousand dollars (\$400,000) from FY21 salary savings from the Department of Public Works, Street Maintenance Division Acct# 0140120-511002 Full-Time Wages to Acct #01C401112-579500 Department of Public Works- Transportation Network Improvement Program.

**Please Note:** Budget materials can be found on the City's website at the following link:

<https://www.newtonma.gov/government/comptroller/budget>

**BUDGET & CIP DISCUSSIONS: Department of Public Works**

**#1-21 Submittal of the FY 2022 to FY 2026 Capital Improvement Plan**  
HER HONOR THE MAYOR submitting the Fiscal Years 2022 to 2026 Capital Improvement Plan pursuant to section 5-3 of the Newton City Charter.

**#1-21(2) Submittal of the FY 2022 – FY 2026 Supplemental Capital Improvement Plan**  
HER HONOR THE MAYOR submitting the FY 2022 – FY 2026 Supplemental Capital Improvement Plan.

**#1-21(3) Submittal of the FY 2022 Municipal/School Operating Budget**  
HER HONOR THE MAYOR submitting in accordance with Section 5-1 of the City of Newton Charter the FY21 Municipal/School Operating Budget, passage of which shall be concurrent with the FY22-FY26 Capital Improvement Program.  
**EFFECTIVE DATE OF SUBMISSION 05/12/21; LAST DATE TO PASS THE BUDGET 06/25/2021**

Respectfully submitted,

Alison M. Leary, Chair

RECEIVED  
City Clerk  
2021 MAR 31 AM 10:43

**CITY OF NEWTON  
MASSACHUSETTS**

David A. Olson, CMC  
Newton, MA 02459

**PETITION for GRANT OF LOCATION**

**To the Petitioner:**

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the City Council before it is sent to the Public Works Department for a preliminary review. The comments of the Public Works Commissioner will be part of the record submitted to the City Council. Upon filing with the City Council, the petition will be scheduled for a public hearing before the Public Facilities Committee of City Council. **The petitioner is responsible for insuring that the petition is complete, and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

**Grant of Location Process:**

1. Applicant submits completed Petition Form and required materials to the City Council
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Engineering Division files Petition Form with comments with the Clerk of the City Council
4. City Council schedules petition for a public hearing before the Public Facilities Committee of the City Council
5. Public Facilities Committee recommendations are forwarded to the City Council for a final decision

**Questions may be directed to:**

Lou Taverna, City Engineer, 617-796-1020  
Cassidy Flynn, Clerk of the Public Facilities Committee 617-796-1213

**I. IDENTIFICATION (Please Type or Print Clearly)**

Company Name NATIONALGRID  
Address 201 Rivermoor Street  
West Roxbury, MA 02132

Phone Number 617-894-3896 Fax Number \_\_\_\_\_  
Contact Person Mary Mulrone Title Permit Representative

*Mary Mulrone* \_\_\_\_\_ Date March 23, 2021

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

**II. DESCRIPTION OF PROJECT: to be completed by petitioner**

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

As part of the Cast Iron Main Replacement Program Nationalgrid recommends the relay of:

-->approximately 660 feet of 4-inch, LP cast iron (1905), approximately 275 feet of 6-inch, LP cast iron (1908) and approximately 290 feet of 4-inch, LP bare steel (1927) with approximately 1225 feet of 8-inch plastic in Beacon St from the existing 6-inch, LP plastic at Glen Av to the existing 4-inch, LP plastic at Union St,

--> approximately 55 feet of 4-inch, LP cast iron (1903) with approximately 55 feet of 6-inch, LP plastic in the intersection of Beacon St and Gray Cliff Rd,

--> approximately 175 feet of 4-inch, LP bare steel (1937) with approximately 175 feet of 4-inch, LP plastic in Cousens Cir from Beacon St to the end of main at #15 Cousens Cir,

--> approximately 55 feet of 4-inch, LP cast iron (1903) with approximately 55 feet of 8-inch, LP plastic in the intersection of Beacon St and Grant Av,

--> approximately 55 feet of 6-inch, LP cast iron (1908) with approximately 55 feet of 6-inch, LP plastic in the intersection of Beacon St and Dalton Rd, and

--> approximately 60 feet of 6-inch, LP cast iron (1927) with approximately 60 feet of 8-inch, LP plastic in Union St from Beacon St to the existing 8-inch, LP plastic at #22 Union St.

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan \_\_\_\_\_ Date of plan \_\_\_\_\_

**III. PUBLIC WORKS DEPARTMENT REVIEW**

Date received by Public Works Department April 22, 2021

Check One:

Minor Project  Major Project  Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan  Stamped Plans

**DATE AND COMMENTS:**

**RECOMMENDATIONS:**

As part of NGrid's cast iron replacement program this petition calls for replacement of 100+ year old cast iron pipe with plastic pipe from a main in Beacon Street at the intersection of Gray Cliff Road as shown on the plan. Compaction and Restoration of the trench shall be per the Street Opening Permit. Newton Police Department shall be contacted to have adequate Police details on site for the duration of the

project. Any sidewalk, curbing shall be restored to current standards. Accommodations for safe Pedestrian Access will be the responsibility of the contractor, a plan and methodology shall be submitted to the Inspector prior to any construction. A preconstruction Meeting will be required before commencement.

*John Daghlilian, Associate City Engineer 4/26/2021*

**V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:**

Shawna Sullivan

Digitally signed by Shawna Sullivan  
Date: 2021.04.26 10:35:11 -04'00'

Commissioner, Public Works

Date

**All Grants of Location must answer the following in detail:**

- a. Are there any leaks on this road? If yes, how many?
- b. If not, why is the gas main being extended or replaced?
- c. Is it in response to upcoming roadwork or new development?
- d. Is capacity increasing? If yes, why?

Requested by the Commissioner: when NGrid engineers develop the GOL plans these standard questions be answered in a written format & submitted w/ the GOL package.

WO#996281 – 631-731 BEACON ST, NEW, & 11-15 COUSENS CIR

- a. No
- b. To install the gas main further away from the existing one and avoid disturbing the island in the intersection.
- c. Yes. Paving from Centre St to Town Line. Gas work to be completed beforehand.
- d. We are sizing up from 4" & 6" Cast Iron to 8" Plastic because of Gas Operations analysis on the Low Pressure System. Normal main replacement in Beacon and side street intersections.

OWNER		SITUS_LINE1	SITUS_LINE2	SITUS_LINE3	MAIL_LINE1	MAIL_LINE2	MAIL_LINE3	GAS_ACCTS
ANTHONY J & ELIZABETH W	MEYER	624 BEACON ST	NEWTON MA	02459-2004	624 BEACON ST	NEWTON MA	02459-2004	1
ADRIA C BURSTEIN T		625 BEACON ST	NEWTON MA	02459-2002	625 BEACON ST	NEWTON MA	02459-2002	1
GRACE J	MUSHRUSH	631 BEACON ST	NEWTON MA	02459-2002	631 BEACON ST	NEWTON MA	02459-2002	
ALVIN	TSANG	638 BEACON ST	NEWTON MA	02459-2029	638 BEACON ST	NEWTON MA	02459-2029	1
WILSON K	LIM	639 BEACON ST	NEWTON MA	02459-2002	639 BEACON ST	NEWTON MA	02459-2002	
CHUNG C	PAN	646 BEACON ST	NEWTON MA	02459-2029	646 BEACON ST	NEWTON MA	02459-2029	1
BRENDA B	CHAN	655 BEACON ST	NEWTON MA	02459-2003	655 BEACON ST	NEWTON MA	02459-2003	1
NAGHI	SHAHIN	659 BEACON ST	NEWTON MA	02459-2003	659 BEACON ST	NEWTON MA	02459-2003	1
MELVIN M	BERMAN	660 BEACON ST	NEWTON MA	02459-1942	660 BEACON ST	NEWTON MA	02459-1942	1
665 BEACON ST RT /TRUST		665 BEACON ST	NEWTON MA	02459-2003	665 BEACON ST	NEWTON MA	02459-2003	1

OWNER		SITUS_LINE1	SITUS_LINE2	SITUS_LINE3	MAIL_LINE1	MAIL_LINE2	MAIL_LINE3	GAS_ACCTS
SARAH	DEUTSCH	10 GRAY CLIFF RD	NEWTON MA	02459-2017	31 CHANNING ST	NEWTON MA	02458-1629	1

OWNER		SITUS_LINE1	SITUS_LINE2	SITUS_LINE3	MAIL_LINE1	MAIL_LINE2	MAIL_LINE3	GAS_ACCTS
ELLEN	WADE	11 COUSENS CIR	NEWTON MA	02459-2023	11 COUSENS CIR	NEWTON MA	02459-2023	1
DUNCAN S	PETERSON	12 COUSENS CIR	NEWTON MA	02459-2071	12 COUSENS CIR	NEWTON MA	02459-2071	1
RICHARD F	THOMAS	15 COUSENS CIR	NEWTON MA	02459-2023	15 COUSENS CIR	NEWTON MA	02459-2023	1

PETITION OF NATIONAL GRID FOR GAS MAIN LOCATIONS

**City of Newton / City Council:**

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

**As part of the Cast Iron Main Replacement Program Nationalgrid recommends the relay of:**

- >approximately 660 feet of 4-inch, LP cast iron (1905), approximately 275 feet of 6-inch, LP cast iron (1908) and approximately 290 feet of 4-inch, LP bare steel (1927) with approximately 1225 feet of 8-inch plastic in Beacon St from the existing 6-inch, LP plastic at Glen Av to the existing 4-inch, LP plastic at Union St,
- > approximately 55 feet of 4-inch, LP cast iron (1903) with approximately 55 feet of 6-inch, LP plastic in the intersection of Beacon St and Gray Cliff Rd,
- > approximately 175 feet of 4-inch, LP bare steel (1937) with approximately 175 feet of 4-inch, LP plastic in Cousens Cir from Beacon St to the end of main at #15 Cousens Cir,
- > approximately 55 feet of 4-inch, LP cast iron (1903) with approximately 55 feet of 8-inch, LP plastic in the intersection of Beacon St and Grant Av,
- > approximately 55 feet of 6-inch, LP cast iron (1908) with approximately 55 feet of 6-inch, LP plastic in the intersection of Beacon St and Dalton Rd, and
- > approximately 60 feet of 6-inch, LP cast iron (1927) with approximately 60 feet of 8-inch, LP plastic in Union St from Beacon St to the existing 8-inch, LP plastic at #22 Union St.

Date: March 31, 2021

By: *Mary Mulroney*  
Mary Mulroney  
Permit Representative

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**City of Newton / City Council:**

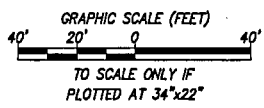
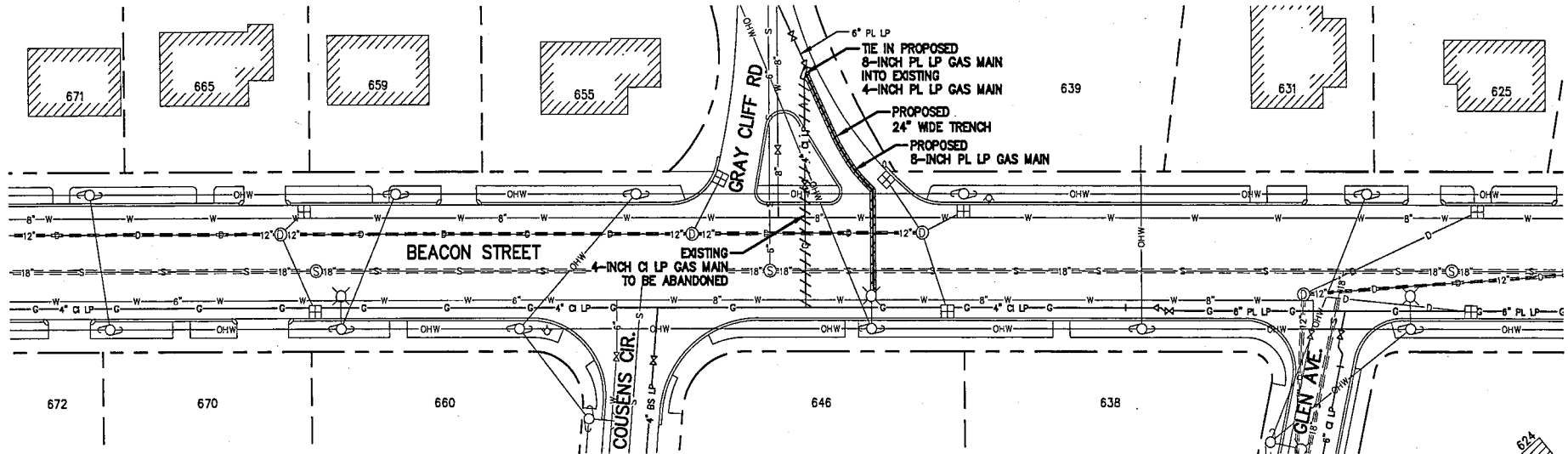
IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways and places of the **City of Newton** substantially as described in the petition date March 31, 2021 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Date this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

I hereby certify that the foregoing order was duly adopted by the \_\_\_\_\_ of the City of \_\_\_\_\_, MA on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

By: \_\_\_\_\_



File: S:\PRODUCTS\APR\04\04007\000\DR\_L\CON\UTIL\GRANT\160201-1032.DWG  
 Sheet: 3/18/2021 2:08:11 PM Plotted: 3/18/2021 2:15:13 PM User: ReneeM, gaffney\lortwendy 423

—	NEW GAS
—	ELECTRIC
—	GAS
—	WATER
—	STORM DRAIN
—	SANITARY SEWER
—	TELEPHONE
—	CABLE TV
—	MBTA
—	EDGE OF PAVEMENT
—	CURB
—	RIGHT OF WAY LINE

**NOTE:**  
 THE LOCATION OF SURFACE AND UNDERGROUND OBJECTS SHOWN ARE NOT WARRANTED TO BE CORRECT  
 CALL 811 BEFORE YOU DIG  
 UTILITIES AND STREET LINES COMPILED FROM AVAILABLE DATA SOURCES  
 NO FIELD VERIFICATION PERFORMED

**PROJECT SPECIFICS**  
 SIZE: 8"  
 LENGTH: 400'±  
 MATERIAL: PLASTIC  
 PRESSURE: LP  
 WORK ORDER NO.: 996281

Drawing Copyright © 2021

141 Longwater Drive - Suite 104  
 Norwell, MA 02061  
 781.982.5400 • www.ciacompanies.com

nationalgrid

Drawn: GMR	Date: 03/18/2021	Scale: 1" = 40'
Chkd.: JEO	Design Engr.: RM	Design Supv.: JEO

**GRANT OF LOCATION PERMIT PLAN  
 PROPOSED OPENING TO INSTALL  
 8-INCH GAS MAIN  
 631-731 BEACON STREET  
 NEWTON, MA.**

CAD FILE NAME 088057-1032.dwg	SEQUENCE No.	DRAWING NUMBER C-101
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# Final Label Report

SBL	Owner	Number	Street	Unit
65001 0011	PATHAK PARAG	600	BEACON ST	
65001 0011B	ENGELBRECHT JAN	602	BEACON ST	
65001 0011A	RAM ULTRA TRUST	608	BEACON ST	
61023 0001	CORCORAN W & KEATING A TRS	609	BEACON ST	
65001 0012	CALHOUN ANTHONY ROBERT	618	BEACON ST	
61023 0002	HANDLER DAVID M & TERRI	619	BEACON ST	
65001 0013	MEYER ANTHONY J & ELIZABETH W	624	BEACON ST	
61023 0003	BURSTEIN ADRIA C TR	625	BEACON ST	
61023 0004	MUSHRUSH GRACE J	631	BEACON ST	
61038 0022	TSANG ALVIN	638	BEACON ST	
61023 0005	LIM WILSON KS	639	BEACON ST	
61038 0021	PAN CHUNG CHEN	646	BEACON ST	
61024 0001	BURKE-CHAN BRENDA	655	BEACON ST	
61024 0002	NAGHI SHAHIN	659	BEACON ST	
61038 0017	BERMAN MELVIN M & BEVERLY	660	BEACON ST	
61024 0003	KEARNS MARY VERONICA	665	BEACON ST	
61038 0016	BIRNBAUM HERBERT S & CONNIE S	670	BEACON ST	
61024 0004	YEE WILLIAM L	671	BEACON ST	
61038 0015	ROOT BERNARD & ELEANOR	672	BEACON ST	
61038 0014	SAGE JESSE A & YAEL HOFFMAN	680	BEACON ST	
61038 0013	LEUNG YVONNE	686	BEACON ST	
61038 0012	CHEN GUOCE	692	BEACON ST	
61025 0002	KOTHARI RISHIKESH P & ANU B	693	BEACON ST	
61038 0011	BERGER NOAH S	696	BEACON ST	
61038 0011B	SAMSON LISA	698	BEACON ST	
61038 0011A	HOFFMAN KENNETH R	700	BEACON ST	
61025 0003	KILROY JAMES M & RUTH	701	BEACON ST	
61038 0011C	DANDREA CHRISTOPHER L & DENISE L	702	BEACON ST	
61038 0010A	NATAPOVA ANNA	704-706	BEACON ST	706
61038 0010	JOSEPH ALAN W	704-706	BEACON ST	704
61038 0009	CANTON CIRCLE LLC	710	BEACON ST	
61026 0013	BASQUE STEVEN J & MEREDITH ROBBINS	711	BEACON ST	
61038 0008	CANTON CIRCLE LLC	714-724	BEACON ST	
61026 0015	KULP KEVIN W	723	BEACON ST	
61026 0001	IRVING GARY L	731	BEACON ST	
61038 0007	PMG NORTHEAST LLC	732	BEACON ST	
61027 0017	EQUITY REALTY LLC	739	BEACON ST	
61038 0005	740 BEACON STREET LLC	740	BEACON ST	
61027 0018	MURRAYS LLC	741-747	BEACON ST	
61023 0009	KROELL FRANK	131	BISHOPSGATE RD	
61038 0018	WADE ELLEN	11	COUSENS CIR	
61038 0020	PETERSON DUNCAN S	12	COUSENS CIR	
61038 0019	THOMAS RICHARD F & JOAN H	15	COUSENS CIR	
61025 0001	SABA DEVELOPMENT LLC	251	GRANT AVE	
61038 0002	DYER DENNIS A	74-78	LANGLEY RD	

<b>SBL</b>	<b>Owner</b>	<b>Number</b>	<b>Street</b>	<b>Unit</b>
61038 0003	BARATZ SCOTT M TR	80	LANGLEY RD	
61038 0004	LIN JOSEPH Y	22-24	UNION ST	

RECEIVED  
City Clerk

CITY OF NEWTON  
MASSACHUSETTS

2021 APR 28 PM 12:02

David A. Olson, CMC  
Newton, MA 02459

PETITION for GRANT OF LOCATION

**To the Petitioner:**

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the City Council before it is sent to the Public Works Department for a preliminary review. The comments of the Public Works Commissioner will be part of the record submitted to the City Council. Upon filing with the City Council, the petition will be scheduled for a public hearing before the Public Facilities Committee of City Council. **The petitioner is responsible for insuring that the petition is complete, and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans and the Department of Public Works Permit Processing brochure.

**Grant of Location Process:**

1. Applicant submits completed Petition Form and required materials to the City Council
2. Public Works Department conducts preliminary review and gives written comments to the applicant
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5. Public Facilities Committee recommendations are forwarded to the City Council for a final decision

**Questions may be directed to:**

Lou Taverna, City Engineer, 617-796-1020  
Cassidy Flynn, Clerk of the Public Facilities Committee 617-796-1213

**I. IDENTIFICATION (Please Type or Print Clearly)**

Company Name NATIONALGRID  
 Address 201 Rivermoor Street  
West Roxbury, MA 02132

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Phone Number 617-894-3896 Fax Number \_\_\_\_\_  
 Contact Person Mary Mulrone Title Permit Representative  
 Signature Mary Mulrone Date April 15, 2021  
 Person filing application

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

**II. DESCRIPTION OF PROJECT: to be completed by petitioner**

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

To install and maintain approximately 160 feet of 12 inch, Plastic main extending from the existing 8 inch, cast iron main in front of #1466 Commonwealth Ave, Newton to #1488 Commonwealth Ave, Newton.

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide:  
 Title of Plan \_\_\_\_\_ Date of plan \_\_\_\_\_

**III. PUBLIC WORKS DEPARTMENT REVIEW**

Date received by Public Works Department April 28, 2021

Check One:

Minor Project

Major Project

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

**DATE AND COMMENTS:**

**RECOMMENDATIONS:**

<p>NGrid is petitioning a main extension of 160-feet of 12-inch plastic pipe from an existing 8-inch main at #1466 Comm. Ave westerly towards #1488 Comm. Ave., the request is being made to accommodate customer demand for gas service.                  This portion of Commonwealth Avenue was milled &amp; paved in 2019, therefore restoration upon completion shall be mill &amp; overlay curb line to curb line for</p>	<p>entire work zone. Catch basins within the work zone shall be protected with siltation control. The contractor of record shall engage Police Details &amp; make accommodation for safe pedestrian passage within the work zone.  <i>John Daghtian, Associate City Engineer</i>  <i>April 29, 2021</i></p>
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**V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:**

Shawna Sullivan  
 Commissioner, Public Works

Digitally signed by Shawna Sullivan  
 Date: 2021.04.29 11:20:21 -04'00'

\_\_\_\_\_ Date

PETITION OF NATIONAL GRID FOR GAS MAIN LOCATIONS

**City of Newton / City Council:**

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

**To install and maintain approximately 160 feet of 12 inch, Plastic main extending from the existing 8 inch, cast iron main in front of #1466 Commonwealth Ave, Newton to #1488 Commonwealth Ave, Newton.**

Date: April 15, 2021

By: \_\_\_\_\_  
Mary Mulroney  
Permit Representative

**City of Newton / City Council:**

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways and places of the **City of Newton** substantially as described in the petition date April 15, 2021 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Date this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

I hereby certify that the foregoing order was duly adopted by the \_\_\_\_\_ of the City of \_\_\_\_\_, MA on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

By: \_\_\_\_\_

\_\_\_\_\_  
Title

WO #1393109

**RETURN ORIGINAL TO THE PERMIT SECTION  
NATIONAL GRID  
40 SYLVAN RD, WALTHAM, MA 02451  
RETAIN DUPLICATE FOR YOUR RECORDS**

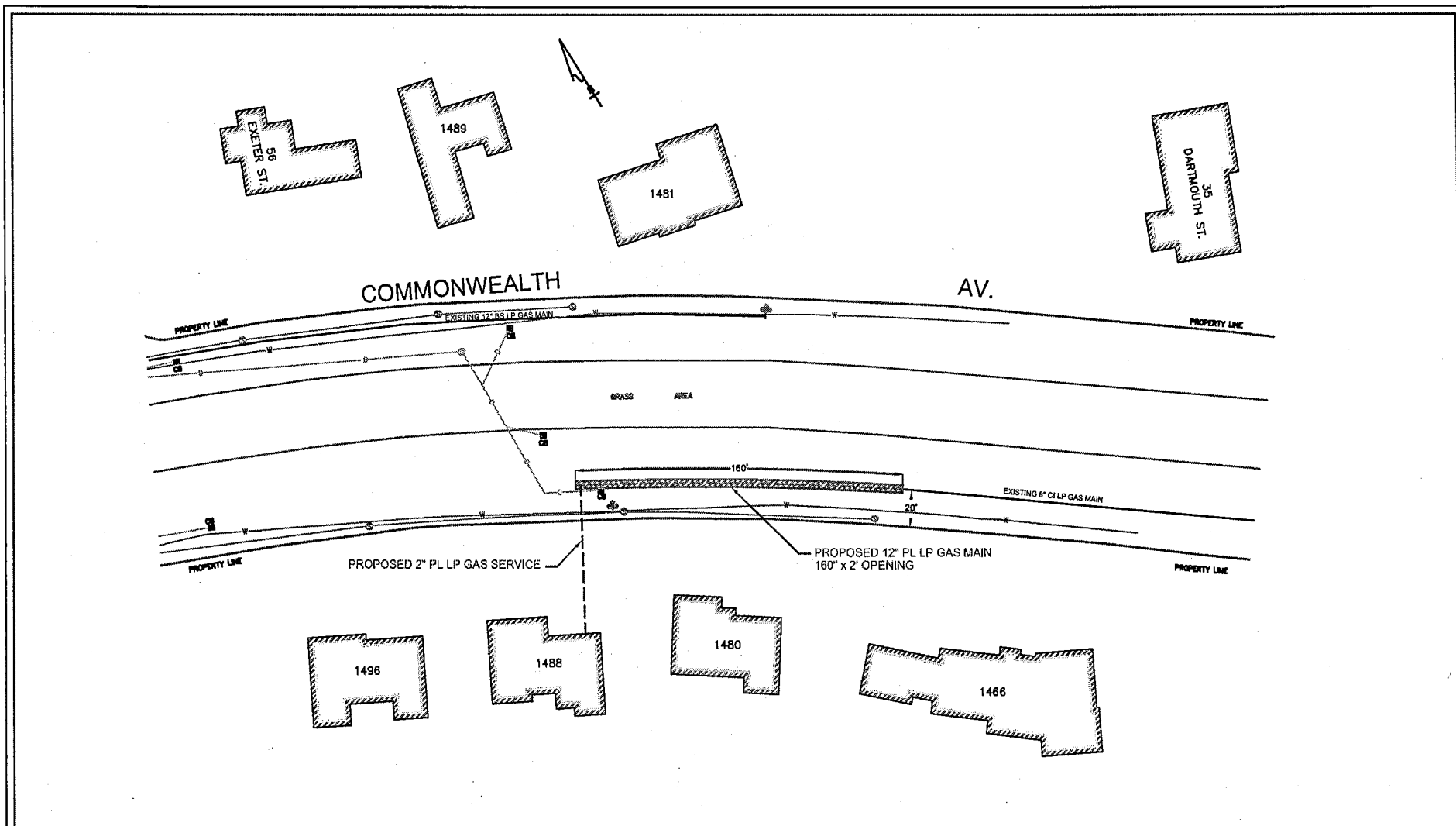
OWNER		SITUS_LINE1	SITUS_LINE2	SITUS_LINE3	MAIL_LINE1	MAIL_LINE2	MAIL_LINE3	GAS_ACCTS
1466 RT /TRUST		1470 COMMONWEALTH AVE	NEWTON MA	02465-2832	1466 COMMONWEALTH AVE	NEWTON MA	02465-2832	
JANIS N	MANN T	1480 COMMONWEALTH AVE	NEWTON MA	02465-2832	1480 COMMONWEALTH AVE	NEWTON MA	02465-2832	
DANIEL J	SULLIVAN T SR	1488 COMMONWEALTH AVE	NEWTON MA	02465-2832	1488 COMMONWEALTH AVE	NEWTON MA	02465-2832	
JOANART T		1496 COMMONWEALTH AVE	NEWTON MA	02465-2832	1496 COMMONWEALTH AVE	NEWTON MA	02465-2832	

WO#1393109 – 1488 COMMONWEALTH AVE, NEW

All Grants of Location for the City of Newton must answer the following in detail:

- A. Are there any leaks on this road? If yes, how many?
  - None. (MNEW wo# so leaks are not driving force)
- B. If not, why is the gas main being extended or replaced?
  - New, Customer driven request to extend the gas main and installation of new gas service to the home at #1488 Commonwealth Ave, NEW.
- C. Is it in response to upcoming roadwork or new development?
  - No
- D. Is capacity increasing? If yes, why?
  - No

Requested by the Commissioner: When NationalGrid engineers develop the GOL plans these standard questions need to be answered in a written format & submitted with the GOL package.



<p><b>LEGEND</b></p> <p>--- PROPOSED GAS</p> <p>--- EXISTING GAS</p> <p>--- PROPERTY LINE</p> <p>--- EOR --- EDGE OF ROADWAY</p> <p>▨ PROPOSED OPENING</p>	<p><b>NOTE:</b></p> <p>THE LOCATION OF SURFACE AND UNDERGROUND OBJECTS SHOWN ARE NOT WARRANTED TO BE CORRECT.</p> <p>CALL 811 BEFORE YOU DIG</p> <p>UTILITIES AND STREET LINES COMPILED FROM AVAILABLE DATA SOURCES. NO FIELD VERIFICATION PERFORMED</p>	<p style="text-align: center;"><b>REVISIONS</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DRBY</th> <th>APP BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	DATE	DRBY	APP BY																																														<p><b>nationalgrid</b></p> <p>40 SYLVAN ROAD WALTHAM, MA 02451</p>	<p style="text-align: center;"><b>GRANT OF LOCATION</b></p> <p style="text-align: center;">PROPOSED LOCATION OF 12" PLASTIC GAS MAIN &amp; 2" PLASTIC GAS SERVICE</p> <p style="text-align: center;">1488 COMMONWEALTH AV., NEWTON, MA 02465</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>ENGR/DRFTMN</th> <th>DATE</th> <th>SIZE</th> <th>PRESSURE</th> <th>MATERIAL</th> <th>LENGTH</th> <th>WORK ORDER NO.</th> </tr> </thead> <tbody> <tr> <td>J.P.T./M.C.</td> <td>4/8/2021</td> <td>12"</td> <td>LOW PRESSURE</td> <td>PLASTIC</td> <td>180'±</td> <td>1393109</td> </tr> </tbody> </table>	ENGR/DRFTMN	DATE	SIZE	PRESSURE	MATERIAL	LENGTH	WORK ORDER NO.	J.P.T./M.C.	4/8/2021	12"	LOW PRESSURE	PLASTIC	180'±	1393109	<p style="text-align: center;"><b>SCALE: N.T.S.</b></p> <p style="text-align: center;"><b>SHEET 1 OF 1</b></p> <p style="text-align: center;">DRAWING NO. <b>GP-NEW</b></p> <p style="text-align: center;"><b>1393109-21-92</b></p>
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# NATIONAL GRID 12" MDPE (LP) GAS MAIN INSTALLATION 1488 COMMONWEALTH AVENUE, NEWTON, MA W.O. NO.: 1393109



INDEX OF SHEETS		
SHEET	NAME	TITLE
1	NEW-1393109-01	COVER SHEET
2	NEW-1393109-02	CONSTRUCTION NOTES
3	NEW-1393109-03	BILL OF MATERIALS
4	NEW-1393109-04	PROPOSED INSTALLATION PLAN OVERVIEW
5	NEW-1393109-05	PROPOSED INSTALLATION PLAN SHEET 1 OF 1
6	NEW-1393109-06	PROPOSED DE-IN DETAILS SHEET 1 OF 1
7	NEW-1393109-07	MISCELLANEOUS DETAIL 1 OF 3
8	NEW-1393109-08	MISCELLANEOUS DETAIL 2 OF 3
9	NEW-1393109-09	MISCELLANEOUS DETAIL 3 OF 3

LOCUS  
SCALE 875



NO.	DESCRIPTION	DATE	BY	CHECK	APP. BY
1	ISSUED FOR CONSTRUCTION	04/20/21	MS	JR	AC

BOSTON GAS COMPANY  
475/4  
**nationalgrid**  
40 SYLVAN ROAD  
BALTIMORE, MA 02461

ISSUED

DWG. SIZE	DESIGNER	ENGINEER	DATE	ASSET I.D.	W.O. NO.
24"x34"	M. DALLO	A. APFORD	04/20/21	DISTRIBUTION	1393109

PAGE 1 OF 9	
DRAWING NO.	SHEET NO.
NEW-1393109-01	G-001

CONSTRUCTION NOTES

SCOPE OF WORK
NATIONAL GRID WORK ORDER NUMBER 1393109.
INSTALL APPROX 180 FEET OF 12 INCH LP PLASTIC MAIN EXTENDING FROM THE EXIST 2 INCH LP GAS (ON 1953) MAIN IN FRONT OF #1486 COMMONWEALTH AVE TO #1486 COMMONWEALTH AVE.
INSTALL APPROX 100 FEET OF 2 INCH LP PLASTIC SERVICE EXTENDING FROM THE PROPOSED 12 INCH LP PLASTIC MAIN EXTENSION IN COMMONWEALTH AVE, TO SERVE THE RESIDENCE AT #1486 COMMONWEALTH AVE.
1 MAIN CONNECTIONS.

GENERAL
1 NO FIELD CHANGES SHALL BE MADE TO THIS DESIGN WITHOUT APPROVAL FROM THE ASSIGNED NATIONAL GRID ENGINEER:
ENGINEER: GREG LOGUE
PHONE: (508) 673-0187
EMAIL: GREGORY.LOGUE@NATIONALGRID.COM

2 CONTRACTOR SHALL CALL DIGSAFE (DIAL 811 OR 888-344-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION, SATURDAYS, SUNDAYS, AND HOLIDAYS ARE EXCLUDED.
3 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND STRUCTURES DEPICTED OR NOT DEPICTED ON THIS DESIGN PRIOR TO CONSTRUCTION.

4 NEW MAINS SHOULD BE INSTALLED IN ACCORDANCE WITH THE TYPICAL TRENCH DETAIL INCLUDED IN THESE DRAWINGS, UNLESS NOTED OTHERWISE.

- A 36 INCHES OF COVER FROM FINAL GRADE WHERE PRACTICAL.
B STATE HIGHWAY MINIMUM COVER: 36 INCHES
C DISTRIBUTION MAIN MINIMUM COVER: 24 INCHES
D SAND PADDING IN ALL DIRECTIONS, 6 INCHES MINIMUM.
E CAUTION TAPE SHALL BE INCLUDED ONE FOOT BELOW GRADE.
SERVICES SHOULD BE INSTALLED WITH 24 INCHES OF COVER.
A MINIMUM IN PUBLIC ROW: 18 INCHES
B MINIMUM IN PRIVATE PROPERTY: 12 INCHES
C SAND PADDING IN ALL DIRECTIONS, 6 INCHES MINIMUM.
D CAUTION TAPE SHALL BE INCLUDED ONE FOOT BELOW GRADE.

6 REFER TO CNST-6030 FOR SHALLOW MAINS. PRIOR TO INSTALLING GAS MAINS WITH LESS THAN 24 INCHES OF COVER, COMPLETE REQUEST FOR WAIVER FORM AND CONTACT GAS PIPELINE SAFETY & COMPLIANCE FOR APPROVAL.

A IF A PROPOSED TOP TEE CONNECTION RESULTS IN A SHALLOW MAIN THAT CANNOT MEET THE WAIVER CRITERIA, A FULL TEE CONNECTION IS AN ACCEPTABLE ALTERNATIVE. A SPHERICAL TEE IS ONLY ACCEPTABLE WITH APPROVAL FROM NATIONAL GRID STRATEGIC ASSET AND SYSTEM PLANNING.

7 ALL MAINS SHOULD BE INSTALLED WITH CLEARANCE OF 12 INCHES FROM OTHER FACILITIES.

A DISTRIBUTION MINIMUM CLEARANCE: 8 INCHES
B APPROPRIATE PROTECTIVE MEASURES SHALL BE USED TO PROTECT THE GAS FACILITY IF MINIMUMS CANNOT BE ATTAINED. APPROVAL IS REQUIRED BY GAS SYSTEMS ENGINEERING.

8 THE PIPE ALIGNMENT IS SHOWN FOR REFERENCE ONLY AS APPROXIMATELY 3 FEET FROM THE EXISTING MAIN (BASED ON AVAILABLE RECORD INFORMATION). THE ACTUAL ROUTE AND ALL VERTICAL AND HORIZONTAL OFFSETS ARE TO BE FIELD ROUTED WITHIN THE PUBLIC RIGHT-OF-WAY BASED ON THE ACTUAL LOCATION OF EXISTING UTILITIES. ADDITIONAL FITTINGS NOT SHOWN WILL BE REQUIRED.

A ELBOWS SHOWN ARE ASSUMED TO BE 45 DEGREES IN MOST APPLICATIONS. 90 DEGREE ELBOWS MAY BE NEEDED BASED ON FIELD CONDITIONS.

9 VALVES DEPICTED IN THE DESIGN ARE THE MINIMUM REQUIRED FOR SECTIONALIZING, ISOLATION, CRITICAL VALVES, AND/OR TO ACCOMMODATE TIE-INS. ADDITIONAL FULL PORT VALVES MAY BE ADDED TO ACCOMMODATE CONSTRUCTION.

A VALVES FOR BRANCHES AT INTERSECTIONS SHOULD BE FIELD LOCATED JUST OUTSIDE OF THE INTERSECTION WHERE EASILY ACCESSIBLE, PRIOR TO THE FIRST SERVICE.

10 ELECTROFUSION COUPLINGS MAY BE INTERCHANGED WITH BUTT FLATION WHERE APPLICABLE.
11 TIE-IN LOCATIONS MAY VARY UP TO 100 FEET OF THE PROPOSED LOCATION TO ACCOMMODATE CONSTRUCTION, EXCEPT FOR WHEN THE FOLLOWING CONDITIONS APPLY:

- A REGULATOR STATION WITHIN THE SCOPE OF THE JOB OR WITHIN 200 FEET OF THE TIE-IN LOCATION.
B CHANGE TO THE NUMBER OF CONNECTIONS (ADDITIONAL ADDED FROM AN INTERSECTION OR OTHERWISE).

C MATERIAL/SIZE CHANGE AT NEW LOCATION.
12 NOT ALL BYPASSES, GAUGES, PURGES AND OTHER MISCELLANEOUS FITTINGS ARE SHOWN. CONSTRUCTION SHALL INSTALL THESE FITTINGS AS NEEDED IN ACCORDANCE WITH THE APPROVED SOP.

13 WHEN CONNECTING NEW 'DEAD' MAIN TO NEW 'DEAD' MAIN, AS LONG AS THE CONNECTION BRANCH SIZE SHOWN IN THE DRAWINGS CAN BE ACHIEVED, THE FOLLOWING CONNECTION TYPES ARE ACCEPTED AND INTERCHANGEABLE:

- A INLINE TEE
B PLASTIC HIGH VOLUME TAPPING TEE (2" BRANCH SIZE OR LESS)
C PLASTIC BRANCH SADDLE (WITH MAIN CUTTER SIZE SHOWN IN NATIONAL GRID POLICIES)
D STEEL THREE-WAY TEE (WITH MAIN CUTTER SIZE SHOWN IN NATIONAL GRID POLICIES)
E THE LIVE MAIN CONNECTION DETAIL SHOWN IN THE DRAWINGS SHALL BE FOLLOWED. ANY CHANGES TO THE TIE-IN CONNECTION TYPE SHALL BE APPROVED BY THE NATIONAL GRID ENGINEER PRIOR TO CONSTRUCTION.

15 ALL CUSTOMER SERVICES WITHIN THE SCOPE OF MAIN TO BE ABANDONED SHALL BE TRANSFERRED OR RELAYED BY THE CONTRACTOR TO THE NEW MAIN PRIOR TO ABANDONMENT, WHEN RELAYING A LOWER PRESSURE MAIN WITH A HIGHER PRESSURE MAIN, ALL SERVICES SHALL BE RELAYED OR INSERTED.

DESIGN CRITERIA

- 1 DESIGN IN ACCORDANCE WITH THE FOLLOWING:
A ENG2001: DESIGN OF GAS SERVICES
B ENG4001: DESIGN OF DISTRIBUTION MAINS
C ENG4010: DESIGN REQUIREMENTS FOR INSTALLATION OF CASINGS
2 PROPOSED PIPING:
A DESIGN CLASS LOCATION - 4
B NOMINAL SIZE - 2, & 12 INCH
C MATERIAL - HDPE
D SYSTEM MAOP - 14 INCHES W.C.
3 PIPE SIZE DETERMINED BY NATIONAL GRID STRATEGIC ASSET AND SYSTEM PLANNING.

CODES & STANDARDS

- 1 WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL CODES IN ADDITIONAL TO NATIONAL GRID GAS POLICIES AND WORK METHODS. WHERE ANY CONFLICTS OF CODES, STANDARDS AND REGULATIONS MAY EXIST, THE MORE STRINGENT CODE, STANDARD, OR REGULATION SHALL APPLY.
2 ALL REFERENCES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT REVISION AVAILABLE AT THE TIME OF CONSTRUCTION, FEDERAL & STATE.
3 A TITLE 49: PART 192 TRANSPORTATION OF NATURAL AND OTHER GAS BY PIPELINE; MINIMUM FEDERAL SAFETY STANDARDS
B 220 CMR: DEPARTMENT OF PUBLIC UTILITIES
100.00 - 113.00: MASSACHUSETTS GAS DISTRIBUTION CODE
C AMERICAN SOCIETY OF MECHANICAL ENGINEERS
B31.8: GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS
4 CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL GRID GAS POLICIES AND WORK METHODS, INCLUDING BUT NOT LIMITED TO:
A CNST01003: BACKFILL AND RESTORATION
B CNST01005: PREPARATION OF GAS FACILITY HISTORICAL RECORDS
C CNST01006: COMMERCIALLY AVAILABLE SHORING SYSTEMS
D CNST02014: ENCAPSULATING CAST IRON JOINTS
E CNST03001: SQUEEZE-OFF OPERATIONS
F CNST03002: STOP-OFF OPERATIONS ON LOW PRESSURE MAINS
G CNST03005: PURGING REQUIREMENTS FOR GAS PIPELINES
A. CNST03005B: PURGING OPERATIONS - DIRECT DISPLACEMENT
b. CNST03007: PURGING OPERATIONS - COMPLETE INERT FILL
c. CNST03008: PURGING OPERATIONS - SLUG METHOD
H CNST03014: STOP OFF OPERATIONS FOR KLEISS EQUIPMENT
I CNST04005: INSTALLING STEEL DISTRIBUTION MAINS
J CNST04007: FIELD COLD BENDING OF LINE PIPE
K CNST04008: INSTALLING PLASTIC MAINS
L CNST04011: ABANDONMENT OF MAINS
M CNST04012: GROUTING ABANDONED PIPELINES

N CNST04030: RAISING MAIN AND SERVICE GATE BOXES
O CNST05001: JOINING OF PLASTIC PIPE
P CNST05011: INSTALLATION OF DRESSER 700 COUPLINGS
Q CNST05010: GENERAL CONSTRUCTION REQUIREMENTS AND PIPE HANDLING

R DAM01011: EXCAVATION AND EXCAVATION NOTIFICATION REQUIREMENTS FOR UNDERGROUND FACILITIES FOR MASSACHUSETTS AND RHODE ISLAND

S DAM01015: LOCATE AND MARK-OUT REQUIREMENTS FOR UNDERGROUND GAS FACILITIES
T DAM01016: LOCATE AND MARK-OUT OF UNDERGROUND FACILITIES
U GCON2001: SYSTEM OPERATING PROCEDURE (SOP)
V GEM01009: OPERATOR QUALIFICATION PLAN
W GEM03002: PROCESSING GAS MAIN AND NEW SERVICE WORK PACKAGES
X GEM03004: CHANGE CONTROL PROCEDURE FOR STANDARD CONSTRUCTION PROJECTS
Y MAN06030: INSTALLATION OF POLYETHYLENE PIPE
Z MECH010: JOINTS OTHER THAN WELDED

AA 530018-CS: SPECIFICATION AND HANDLING OF TRAFFIC PLATES
BB CS-CNSTD02: TYPICAL UTILITY CROSSING AND TRENCH GUIDELINES
CC CS-FL0201: ACCEPTABLE METHODS OF ISOLATION FOR PERFORMING HOT WORK

DD MAIN6010: STANDARD FLOW TEST PROCEDURE FOR MAIN BAG-OFF LOW PRESSURE MAINS
EE VALV6020: 2 IN. - 12 IN. POLYETHYLENE VALVE INSTALLATION ON GAS MAIN

FF CS-MAIN004: PRESSURE TESTING OF NEW MAINS MAOP OF 124 PSIG OR LESS

5 SERVICE SPECIFIC CONSTRUCTION STANDARDS, GAS POLICIES AND WORK METHODS:
A CMS0002: CUSTOMER METER AND SERVICE REGULATOR DESIGN AND INSTALLATION POLICY
B CMS04002: PURGING PROCEDURES FOR CUSTOMER METER SERVICES
C CNST03011: NO-INTERRUPT SERVICE TRANSFER
D CNST06002: INSTALLING DISTRIBUTION SERVICES

E CNST06003: INSTALLATION & MAINTENANCE POLICY FOR CURB VALVES ON SERVICE LINES WITH INSTALLED METER CAPACITIES OVER 1,000 SCFH THAT DON'T HAVE EXCESS FLOW VALVES
F CNST06006: METER/SERVICE RELOCATION GUIDELINE
G CNST06002: COMPLETION AND PROCESSING OF GAS SERVICE RECORD CARDS

H CNST06003: NOTIFICATION OF CUSTOMERS INVOLVED IN THE INTERRUPTION OF GAS SERVICE
I CS-SERV001: TYPICAL 1/2" SERVICE OUTSIDE SETS
J CS-SERV002: TYPICAL 1" SERVICE OUTSIDE SETS
K CS-SERV003: TYPICAL 1-1/4" SERVICE OUTSIDE SETS
L CS-SERV004: TYPICAL 2" SERVICE
M CS-SERV005: EXCESS FLOW VALVE REQUIREMENTS ON HP SERVICES
N CS-SERV009: TYPICAL 1/2" SERVICE INSIDE SETS
O CS-SERV010: TYPICAL 1" SERVICE INSIDE SETS

P WTA-F0010: NO-INTERRUPT 1 INCH CTS AND 1-1/4 INCH CTS SERVICE TRANSFER (NST) UP TO 60 PSIG MAINS
Q SERV-0575: RELOCATION OF METER SET ASSEMBLIES INSIDE TO OUTSIDE
R SERV-6185: HOT TAPPING MD BRANCH SADDLES OFF 4IN - 12IN 60 PSIG MAOP LIVE PLASTIC GAS MAIN USING MCELROY HOT TAPPING TOOL.

S VALV5110: 1/2 INCH - 3 INCH POLYETHYLENE GAS SERVICE VALVE INSTALLATION

6 SEE TIE IN DETAILS FOR APPLICABLE MAIN CONNECTION REFERENCES,
7 SEE BILL OF MATERIAL FOR MATERIAL SPECIFICATION, STANDARD AND/OR APPLICABLE NATIONAL GRID "TITS" REFERENCE.

PRESSURE TESTING

1 PRESSURE TEST MAIN IN ACCORDANCE WITH:
A CNST04003: PRESSURE TESTING MAINS OPERATING BELOW 125 PSIG
B TEST PRESSURE (MINIMUM): 90 PSIG
C TEST DURATION BASED ON LENGTH AND DIAMETER IN ACCORDANCE WITH TABLE 1.
D TEST MEDIUM: AIR AND/OR NITROGEN

2 PRESSURE TEST SERVICES IN ACCORDANCE WITH:
A CNST06000: PRESSURE TESTING SERVICE LINES

CATHODIC PROTECTION

1 IF EXISTING TEST STATIONS, WIRES, AND/OR MAGNESIUM ANODES ARE DISTURBED OR DAMAGED, NOTIFY THE NATIONAL GRID CORROSION DEPARTMENT:
BUTON VINCENT 617-438-5192 (MA)
2 24 HOUR NOTICE IS REQUIRED PRIOR TO INSTALLATION OF INSULATED FITTINGS TO ALLOW FOR ACCEPTANCE TESTING.
3 NATIONAL GRID CORROSION GAS POLICIES AND WORK METHODS INCLUDE:
A COR01100: CORROSION DESIGN CRITERIA
B COR02001: APPLICATION OF COATING SYSTEMS
C COR02020: INSPECTING EXPOSED STEEL PIPE FOR CORROSION
D COR02021: INSPECTING EXPOSED CAST OR DUCTILE PIPING FOR GRAPHITIZATION
E COR03001: TESTING OF PIPE COATING (JEEP TESTING)
F COR04001: INSTALLATION OF MAGNESIUM ANODES
G COR04003: INSTALLATION OF TEST STATIONS FOR CATHODIC PROTECTION

H COR04004: INSTALLATION OF WIRE CONNECTIONS
I COR04005: INSTALLATION OF INSULATING JOINTS FOR CATHODIC PROTECTION
J 030031-CS: FACILITY COATING GUIDE

4 CORROSION DESIGN: IF TIE-IN IS TO NON-CP SYSTEM OR CAST IRON - USE AN INSULATED COUPLING (RUBBER BOOT FACING THE CAST IRON/NO-CP SYSTEM) AND USE THE CLIP ON THE COUPLING TO INSTALL A TEST WIRE AND BRING IT UP INTO A TEST STATION WITH 1-1/4" ANODE. NOTE: IF AN INSULATED COUPLING AND TRANSITION STEEL PIECE ARE USED, INSTALL A 1/4" WIRE TEST STATION WITH 1-1/4" ANODE ON THE TRANSITION PIECE ONLY.

ENVIRONMENTAL

1 WORK SHALL CONFORM TO THE NATIONAL GRID ENVIRONMENTAL POLICY.
2 ENVIRONMENTAL ENGINEERING CONTACT:
ANDREW L. SHELBY
PHONE: (781) 907-1867
EMAIL: ANDREW.SHELBY@NATIONALGRID.COM

3 CONTRACTOR SHALL REVIEW THE PROJECT WORK ORDER PACKAGE FOR ENVIRONMENTAL GUIDANCE FORMS, FOR EXAMPLE EG-301, FOR THE RESPECTIVE STATE.
4 WHEN SOILS OR LIQUIDS ARE ENCOUNTERED THAT ARE BELIEVED TO BE CONTAMINATED WITH OIL AND/OR HAZARDOUS MATERIAL, EXCAVATION WORK SHALL BE HALTED AND FIELD PERSONNEL SHALL NOTIFY THEIR IMMEDIATE SUPERVISOR.

5 NO EXCAVATED SOIL SHALL LEAVE THE WORK SITE UNTIL ENVIRONMENTAL HAS MADE A DETERMINATION FOR ITS PROPER DISPOSAL.
6 NATIONAL GRID ENVIRONMENT POLICIES AND PROCEDURES INCLUDE:

- A SHE02001: HANDLING CONTAMINATED MATERIALS AND PIPING
B SHE02002: REMOVING MERCURY REGULATORS AND DEVICES
C SHE02003: ENCOUNTERING CONTAMINATION WHILE EXCAVATING
D EG030-NE: BEST MANAGEMENT PRACTICES
E EG104: USED GAS PIPE MANAGEMENT

7 ENVIRONMENTAL REQUIREMENTS: N/A

SAFETY

1 WORK SHALL CONFORM TO THE NATIONAL GRID EMPLOYEE SAFETY HANDBOOK AND OSHA REQUIREMENTS.
2 REQUIRED PPE SHALL BE WORN AND UTILIZED IN ACCORDANCE WITH THE CURRENT NATIONAL GRID SAFETY POLICY.
3 A NATIONAL GRID APPROVED CONTRACTOR HEALTH AND SAFETY PLAN (HASP) IS REQUIRED PRIOR TO CONSTRUCTION.
4 CONSTRUCTION SIGNING, DRUMS, BARRICADES, AND OTHER DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) PART VI AND SHALL BE MAINTAINED BY THE CONTRACTOR.
5 NATIONAL GRID SAFETY PROCEDURES COVER THE FOLLOWING CATEGORIES:

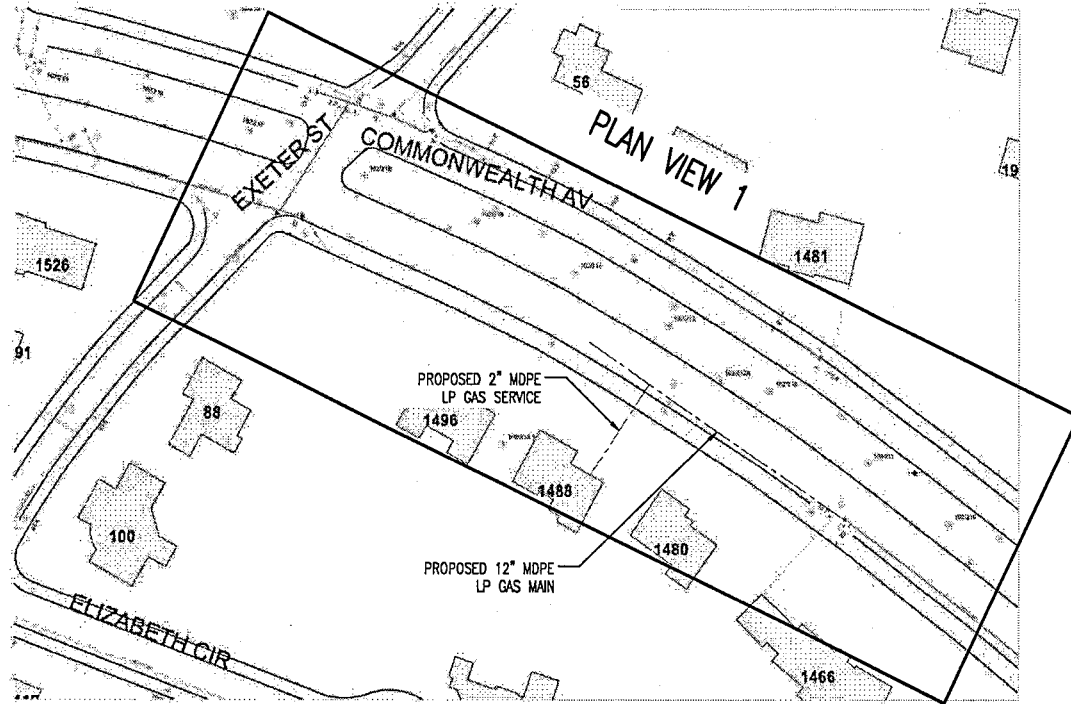
A - ADMINISTRATIVE; B - INSPECTIONS; C - WALKING WORKING SURFACES; D - MEANS OF EGRESS; E - MATERIAL HANDLING AND STORAGE; F - TOXIC AND HAZARDOUS SUBSTANCES; G - HAZARDOUS MATERIALS; H - PERSONAL PROTECTIVE EQUIPMENT; I - GENERAL ENVIRONMENTAL CONTROLS; J - ACCIDENT INVESTIGATION; K - MACHINERY AND GUARDING; L - WELDING/CUTTING/BRAZING; M - EXCAVATIONS; N - CONTRACTORS; FIRE PROTECTION; O - FLEET AND ROADWAY SAFETY

6 GAS WORK METHODS SAFETY PROCEDURES INCLUDE:
A SHE01001: GENERAL SAFETY REQUIREMENTS
B SHE01002: SUPPLIED-AIR RESPIRATORS
C SHE01003: USING AND MAINTAINING PORTABLE GAS MONITORS
D SHE01004: USING AND MAINTAINING FLAME IONIZATION UNITS
E SHE01005: DISSIPATING STATIC ELECTRICAL CHARGES ON PLASTIC PIPE
F SHE01006: ENTERING GAS UTILITY VAULTS
G SHE01008: USING AND MAINTAINING THE GAS-EXPLORER
H SHE01009: DISSIPATING STATIC ELECTRICAL CHARGES ON PLASTIC PIPE
I SHE01010: THE APPLICATION OF FORMAL PROCESS SAFETY ASSESSMENTS TO HIGH-RISK GAS ACTIVITIES PERFORMED IN THE FIELD

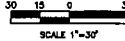
OTHER PERMITTING REQUIREMENTS
1 STREET OPENING PERMIT
2 MWMRA (M) WATER PERMIT
REFERENCE DRAWINGS
1 UNDERGROUND UTILITIES ARE NOT SHOWN. NATIONAL GRID FACILITIES ARE SHOWN BASED ON AVAILABLE MAPS AND RECORDS.
DESIGN CONSULTANT
1 BL COMPANIES
ANDREW CAVALLLO, P.E.
PHONE: (781)-619-8615
EMAIL: ACAVALLO@BLCOMPANIES.COM

Architectural Engineering Environmental and Surveying Companies logo, project title 'PROPOSED GAS MAIN INSTALLATION 12" WDE (LP) COMMONWEALTH AV NEWTON, MA CONSTRUCTION NOTES', revision table, and drawing/sheet numbers 'NEW-1393109-02 G-002'.





PLAN OVERVIEW



**DRAWING LEGEND**

- EXISTING CI LP GAS MAIN
- - - PROPOSED MDPE LP GAS MAIN
- - - PROPOSED MDPE LP GAS SERVICE



NO.	DESCRIPTION	DATE	DRY	CLAY	APP	BY
1	ISSUED FOR CONSTRUCTION	04/01/20	NO	JA	AC	

BOSTON GAS COMPANY  
4/9/20  
**nationalgrid**  
40 SYLVAN ROAD  
WALTHAM, MA 02451

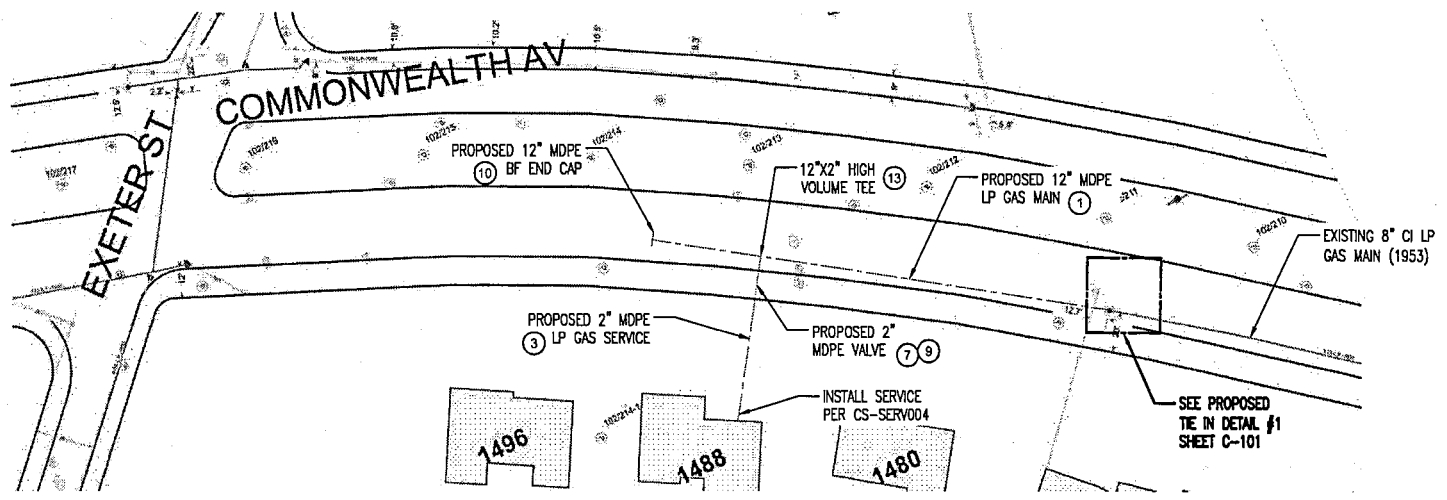
ISSUED

DWG SIZE	DESIGNER	ENGINEER	DATE	ASSET ID.	W.O. NO.
22"x34"	M. BALLO	A. APFTRING	04/01/20	DISTRIBUTION	1393109

PROPOSED GAS MAIN INSTALLATION  
12" MDPE (LP)  
COMMONWEALTH AV  
NEWTON, MA  
**PROPOSED INSTALLATION PLAN OVERVIEW**

PAGE 4 OF 8

DRAWING NO.	SHEET NO.
NEW-1393109-04	C-001



PLAN VIEW 1  
 20 10 0 20  
 SCALE 1"=20'

**DRAWING LEGEND**

—	EXISTING CI LP GAS MAIN
- - -	PROPOSED MDPE LP GAS MAIN
- - -	PROPOSED MDPE LP GAS SERVICE



NO.	DESCRIPTION	DATE	BY	CHECK	APP'D
0	ISSUED FOR CONSTRUCTION	04/07/21	ME	JL	AG

BOSTON GAS COMPANY  
 6/1/19  
**nationalgrid**  
 40 SYLVAN ROAD  
 WALTHAM, MA 02461

ISSUED

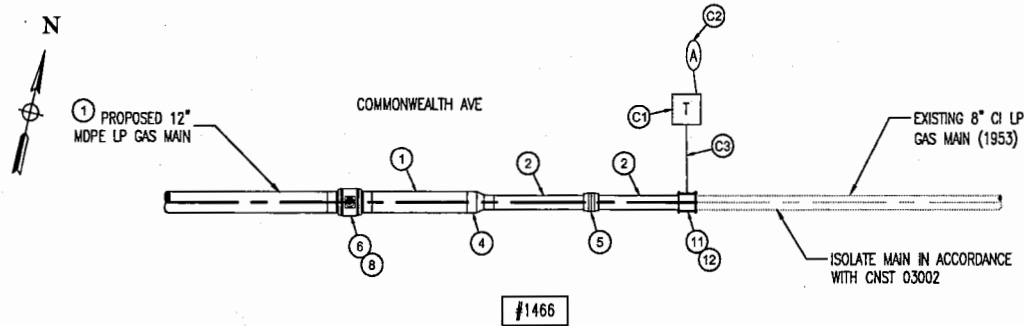
PROPOSED GAS MAIN INSTALLATION  
 12" MDPE (LP)  
 COMMONWEALTH AV  
 NEWTON, MA

**PROPOSED INSTALLATION PLAN SHEET 1 OF 1**

DWG SIZE	DESIGNER	ENGINEER	DATE	ASSET I.D.	W.D. NO.
27"X34"	M. DALLO	J. AFFRINO	04/07/21	DISTRIBUTION	1383109

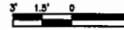
PAGE 8 OF 8

DRAWING NO.	SHEET NO.
NEW-1393109-05	C-002





CORROSION REQUIREMENTS: IF TIE-IN IS TO NON-CP SYSTEM OR CAST IRON - USE AN INSULATED COUPLING (RUBBER BOOT FACING THE CAST IRON/NON-CP SYSTEM) AND USE THE CLIP ON THE COUPLING TO INSTALL A TEST WIRE AND BRING IT UP INTO A TEST STATION WITH 1-17# ANODE. NOTE: IF AN INSULATED COUPLING AND TRANSITION STEEL PIECE ARE USED, INSTALL A 1-WIRE TEST STATION WITH 1-17# ANODE ON THE TRANSITION PIECE ONLY.

PROPOSED TIE-IN #1 AT COMMONWEALTH AVE @ #1466



SCALE: 1"=3'

 <p>Architecture Engineering Environmental Land Surveying Companies</p>			<p>BOSTON GAS COMPANY 6/7/10 <b>nationalgrid</b> 40 SYLVAN ROAD WALTHAM, MA 02451</p>	<p>PROPOSED GAS MAIN INSTALLATION 12" MDPE (CP) COMMONWEALTH AV NEWTON, MA</p>				<p>PAGE 6 OF 8</p>	
				<p>PROPOSED TIE-IN DETAILS SHEET 1 OF 1</p>				<p>DRAWING NO. NEW-1393109-06</p>	<p>SHEET NO. C-101</p>
		<p>ISSUED</p>		<p>DWG SIZE 22"x34"</p>	<p>DESIGNER M. BULLO</p>	<p>ENGINEER J. APTHEM</p>	<p>DATE 04/07/11</p>	<p>ASSET ID. DISTRIBUTION</p>	<p>W.O. NO. 120709</p>
<p>0 ISSUED FOR CONSTRUCTION</p>	<p>DATE</p>	<p>BY</p>	<p>DATE</p>	<p>BY</p>	<p>DATE</p>	<p>BY</p>	<p>DATE</p>	<p>BY</p>	<p>DATE</p>







# Final Label Report

SBL	Owner	Number	Street	Unit
32028 0007	PERLMAN SYDNEY A & LAURA M TRS	1470	COMMONWEALTH AVE	
32028 0006	MANN JANIS N TR	1480	COMMONWEALTH AVE	
32029 0013	FREEDMAN LILLIAN R	1481	COMMONWEALTH AVE	
32028 0005	LINKOV ALEXANDER	1488	COMMONWEALTH AVE	
32029 0014	DODGE JEFFREY L & NEELY A	1489	COMMONWEALTH AVE	
32028 0004	KATZ JOAN F & AFRAME ARTHUR TRS	1496	COMMONWEALTH AVE	
32027 0009	TIEU JOHN T	1526	COMMONWEALTH AVE	
32029 0012	PALUMBO KEITH R & JENNIFER B	19	DARTMOUTH ST	
32029 0012A	SILVERMAN STEVEN & ELISA	35	DARTMOUTH ST	
32028 0009	CHINITZ MICHAEL L & KAREN T	63	DARTMOUTH ST	
32021 0018	YUNUS MAMOON	55	EXETER ST	
32029 0001	GORDON ABBY	56	EXETER ST	
32028 0003	TANNENBAUM ALEXANDER	82	EXETER ST	



RUTHANNE FULLER  
MAYOR

City of Newton, Massachusetts  
Office of the Mayor

198-21

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May 10, 2021

Honorable City Council  
Newton City Hall  
1000 Commonwealth Avenue  
Newton Centre, MA 02459

Councilors:

I respectfully submit a docket item to your Honorable Council requesting authorization to transfer the sum of \$400,000 from FY21 salary savings from the Department of Public Works, Street Maintenance Division Acct # 0140120-511002 Full-Time Wages to 01C401112 – Department of Public Works - Transportation Network Improvement Program. These funds will be used to continue to augment our Transportation/Traffic/Paving Improvement Program in FY2022.

Thank you for your consideration of this matter.

Sincerely,

Ruthanne Fuller  
Mayor

RECEIVED  
2021 MAY 10 PM 4:03  
CITY CLERK  
NEWTON, MA 02459