

RECEIVED
Newton City Clerk

CITY OF NEWTON
MASSACHUSETTS

2022 MAR 29 PM 4: 50

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

201 Rivermoor Street

Address _____

West Roxbury, MA 02132

Phone Number 617-894-3896

Fax Number _____

Mary Mulroney

Permit Representative

Contact Person _____ Title _____

Mary Mulroney

March 28, 2022

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

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 H20INT Program, Nationalgrid recommends: As part of the Cast Iron Main Replacement Program Nationalgrid recommends: the relay of approximately 755 feet of 3- inch, Cast Iron (1904/1910) and approximately 300 feet of 4 - inch, cast iron (1905) with approximately 1055 feet of 6- inch, plastic in Hancock St from the 6-inch coated steel at #7 Hancock St to the existing 4- inch, cast iron at #93 Hancock St, the relay of approximately 160 feet of 4- inch, bare steel (1935) with approximately 160 feet of 4- inch, plastic in Graydale Cir from Hancock St to end of main at #11 Graydale Cir and, the relay of approximately 5 feet of 8- inch, cast iron (1928), approximately 945 feet of 6- inch, bare steel (1951) and approximately 50 feet of 8- inch, cast iron (1930) with approximately 1125 feet of 8- inch, plastic in Woodland Rd from Central St to the existing 8- inch, plastic at #110 Woodland Rd.

A. 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 March 29, 2022

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:

See attached memo dated April 4, 2022	

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

Shawna Sullivan Digitally signed by Shawna Sullivan Date: 2022.04.04 16:25:09 -04'00' _____ Date _____
Commissioner, Public Works

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 755 feet of 3- inch, Cast Iron (1904/1910) and approximately 300 feet of 4 -inch, cast iron (1905) with approximately 1055 feet of 6- inch, plastic in Hancock St from the 6-inch coated steel at #7 Hancock St to the existing 4- inch, cast iron at #93 Hancock St, the relay of approximately 160 feet of 4- inch, bare steel (1935) with approximately 160 feet of 4-inch, plastic in Graydale Cir from Hancock St to end of main at #11 Graydale Cir and, the relay of approximately 5 feet of 8- inch, cast iron (1928), approximately 945 feet of 6- inch, bare steel (1951) and approximately 50 feet of 8- inch, cast iron (1930) with approximately 1125 feet of 8- inch, plastic in Woodland Rd from Central St to the existing 8- inch, plastic at #110 Woodland Rd.

Date: March 28, 2022

By: *Mary Mulrone*
Mary Mulrone
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 March 28, 2022 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____.

WO # 1395791

By:
Title

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?

Primary cause for the main relay is due to a main break at 41 Hancock St on 2/25/21. As a result of the main break, the main is planned to be replaced to avoid any future main breaks on this segment of main.

B. If not, why is the gas main being extended or replaced?

The short length of new main installation is required for the main relay to be completed as a low pressure to 22 psig relay. Relaying the existing LP main with new 22 psig main not only will decrease the leaks associated with old, leak prone pipe, but the increased operating pressure in the area will also eliminate the risk of water intrusion of the main, which can lead to service outages if severe enough.

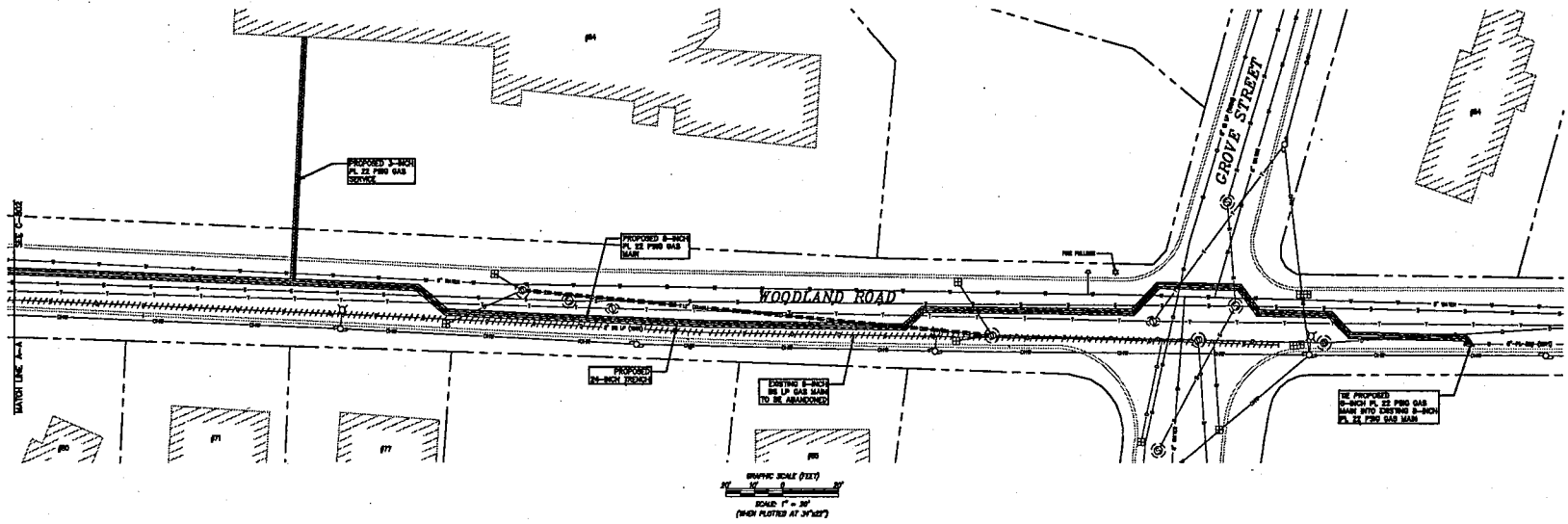
C. Is it in response to upcoming roadwork or new development?

No.

D. Is capacity increasing? If yes, why?

Capacity is technically increasing by virtue of the existing low pressure main being replaced with a 22 psig main. However, the intent of this change in operating pressure in the area is to reduce potential leaks from water intrusion, not to increase the capacity of the main in the area. The increased operating pressure will result in enhanced system reliability.

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



LEGEND

	PROPOSED GAS
	EXISTING ELECTRIC
	EXISTING GAS
	EXISTING WATER
	EXISTING STORM DRAIN
	EXISTING SURVEY MARKER
	EXISTING TELEPHONE
	EXISTING CABLE TV LINE
	EXISTING METER
	EDGE OF PAVEMENT
	CURB LINE
	RIGHT OF WAY LINE
	PROPERTY LINE
	BUILDING LINE

NOTE:
 THE TOPOGRAPHIC AND ELEVATION DATA SHOWN HEREON WAS OBTAINED FROM PUBLIC SOURCES AND WAS NOT CERTIFIED TO BE CORRECT AND/OR ACCURATE BY THIS ENGINEER. USERS RELY ON SAID DATA AT THEIR OWN RISK. UTILITY DATA IS COMPILED FROM RECORD DATA SOURCES AND IS NOT FIELD VERIFIED.

CALL 811 BEFORE YOU DIG

PROJECT SPECIFICS
 SIZE: 11" x 17"
 LENGTH: 2,140'
 NATIONAL PLASTIC
 PREPARED: EBJ
 SCALE: 1" = 20'



NO.	DESCRIPTION	DATE	BY	CHK.	APP.
1	ISSUED FOR GRANT OF LOCATION PERMIT	03/14/2022	EA	MT	ED

BOSTON GAS COMPANY
 678
 nationalgrid
 80 SILVER ROAD
 WALTHAM, MA 02451

ISSUED FOR PERMITTING

PROPOSED GAS MAIN INSTALLATION
 PROJECT DESCRIPTION
 7-93 HANCOCK STREET & 32-34 WOODLAND ROAD
 NEWTON, MA

GRANT OF LOCATION PERMIT PLAN

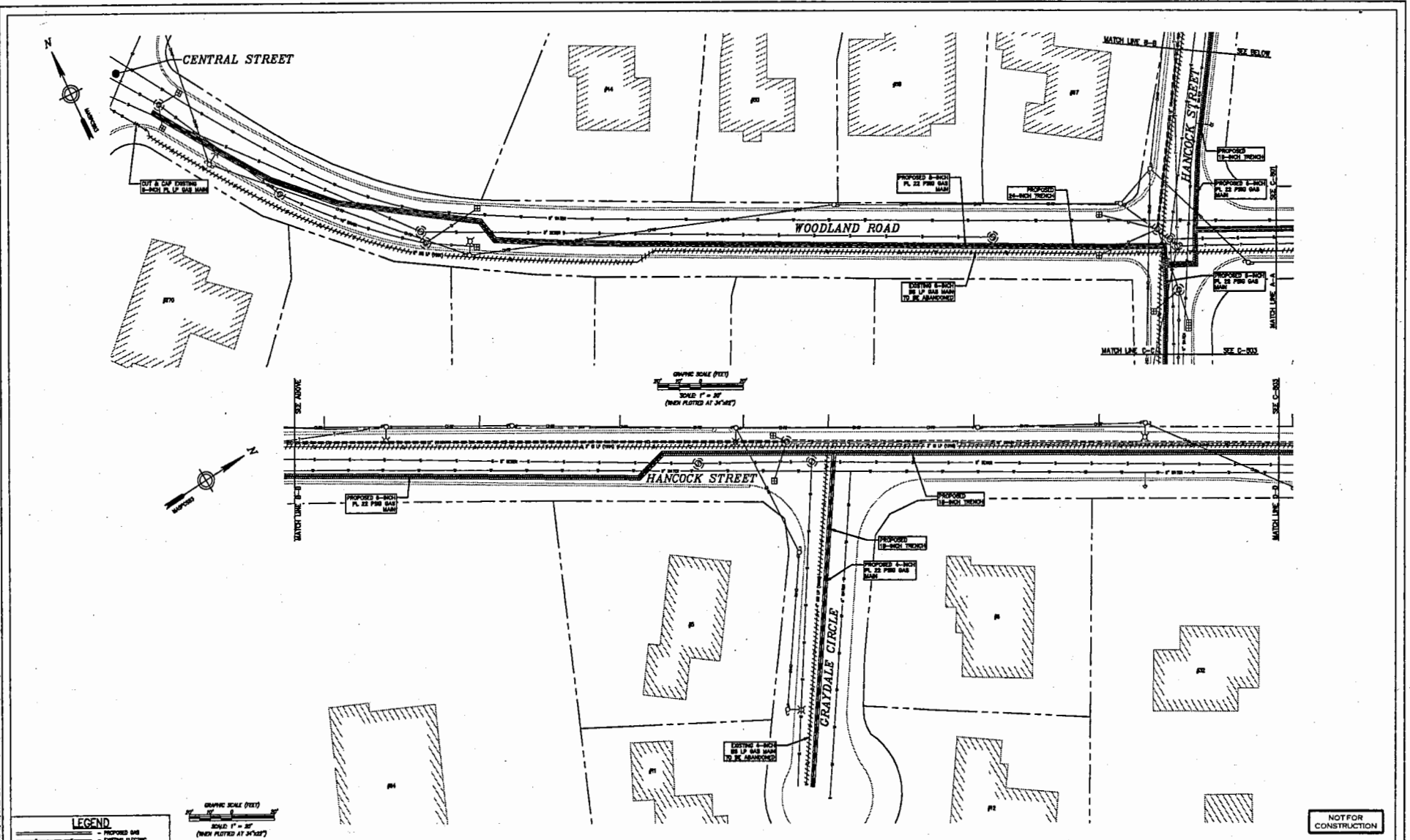
OWN. SIZE	DESIGNER	ENGINEER	DATE	ASSET ID.	W.G. NO.
22"x34"	CLUTHER	LUTJONHELL	03/14/2022	DISTRIBUTION	138791

NOT FOR CONSTRUCTION

PAGE 1 OF 3

DRAWING NO.	SHEET NO.
DPL-NEW-068057-1250	C-801

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 Plot Date: 3/14/2022 3:28:48 PM
 Plotter: User: Lufkin, Christopher
 Plot Size: 22.00 x 34.00
 Plot Scale: 1.00
 Plot Orientation: Landscape
 Plot Color: Black
 Plot Lineweight: 0.20
 Plot Linetype: Solid
 Plot Font: Arial, 10.00
 Plot Title: 276-22



NOT FOR CONSTRUCTION

LEGEND

[Symbol]	PROPOSED GAS
[Symbol]	EXISTING ELECTRIC
[Symbol]	EXISTING GAS
[Symbol]	EXISTING WATER
[Symbol]	EXISTING SANITARY SEWER
[Symbol]	EXISTING TELEPHONE
[Symbol]	EXISTING CABLE TV LINE
[Symbol]	EXISTING MEDIA
[Symbol]	EDGE OF PAVEMENT
[Symbol]	CURB LINE
[Symbol]	RIGHT OF WAY LINE
[Symbol]	PROPERTY LINE
[Symbol]	BUILDING LINE

NOTE:
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PROJECT SPECIFICS
 SIZE: 4" x 4"
 LENGTH: 2,347'
 MATERIAL: PASTE
 PROVISION: 2"
 SCALE: 1" = 50'



NO.	DESCRIPTION	DATE	DRAWN	CHECK	APP'D
1	ISSUED FOR PERMITTING	01/14/2023	CA	MT	JP
2	SHRINK FOR GRANT OF LOCATION	01/14/2023	CA	MT	JP

nationalgrid
 40 SPAIN ROAD
 WALTHAM, MA 02459

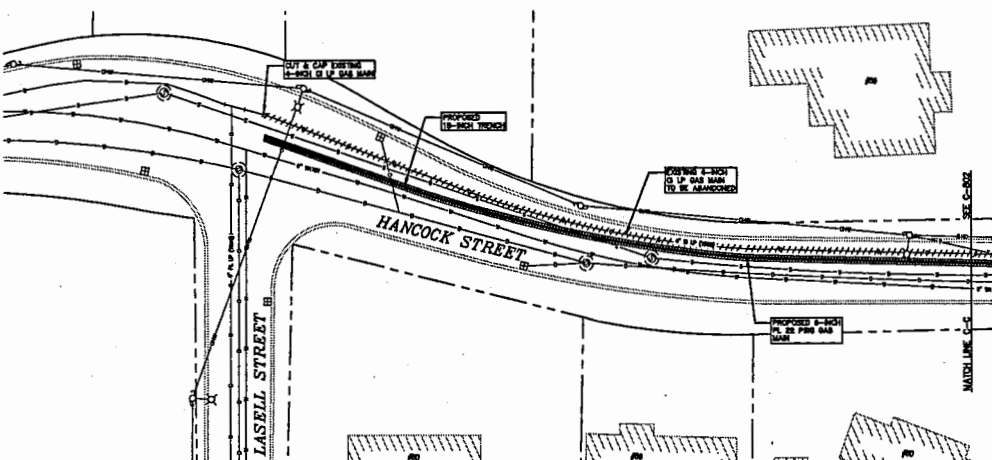
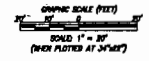
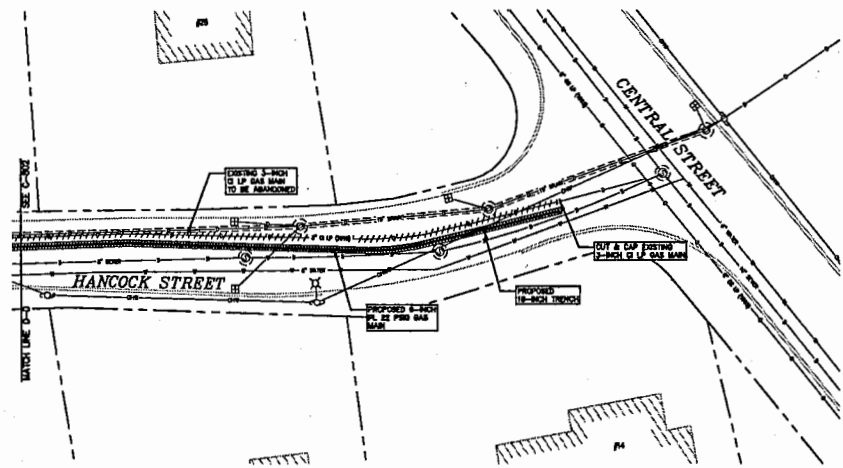
BOSTON GAS COMPANY
 675
 7-93 HANCOCK STREET & 32-94 WOODLAND ROAD
 NEWTON, MA

GRANT OF LOCATION PERMIT PLAN

DWG NO:	DESIGNER:	ENGINEER:	DATE:	ADDY LG:	W.S. WJL:
227347	CLUTNER	O'DONNELL	01/14/2023	DISTRIBUTION	1263791

PAGE 2 OF 3

DRAWING NO.	SHEET NO.
DPL-NEW-068057-1250	C-802



LEGEND

- PROPOSED GAS
- EXISTING ELECTRIC
- EXISTING GAS
- EXISTING WATER
- EXISTING FIBER OPTIC
- EXISTING SANITARY SEWER
- EXISTING TELEPHONE
- EXISTING CABLE TV LINE
- EXISTING POWER
- EXISTING SEWER
- EXISTING SANITARY SEWER
- EXISTING CURB LINE
- EXISTING SIDEWALK
- EXISTING BIKE LINE
- PROPERTY LINE
- BUILDING LINE

NOTE:
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CALL 811 BEFORE YOU DIG

PROJECT SPECIFICS
SIZE: 11" x 17"
LENGTH: 2,400'
NATIONAL PASTE
PREPARED: 03/14/2022
SCALE: 1" = 100'



NO.	DESCRIPTION	DATE	BY	CHECKED	DATE
1	ISSUED FOR GRANT OF LOCATION	03/14/2022	CL	MLT	ES
			SKR	SKR	APR/22

BOSTON GAS COMPANY
65474
nationalgrid
40 ST. LAW ROAD
MIDDLEBURY, MA 02701

GRANT OF LOCATION PERMIT PLAN

PROPOSED GAS MAIN INSTALLATION
PROJECT DESCRIPTION
7-93 HANCOCK STREET & 32-94 WOODLAND ROAD
NEWTON, MA

DWG. NO.: 22-124
DESIGNER: CLUTHER
ENGINEER: J. O'DONNELL
DATE: 03/14/2022
JOB NO.: 136977

NOT FOR CONSTRUCTION

PAGE 3 OF 3

DRAWING NO.	SHEET NO.
DPL-NEW-068057-1250	C-803

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