CITY OF NEWTON MASSACHUSETTS

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 N 201 Rivermoor	NATIONALGRID Street
Address	
West Roxbury, MA 02132	
Phone Number 617-894-3896	Fax Number
Mary Mulroney	Permit Representative
Contact Person	Title
Mary Mulroney	August 19, 2022
Signature	Date
Person filing application	n
If a telecommunications company, indi	icate how certified by the Department of Telecommunications and

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.

Due to Newton's upcoming road work, Nationalgrid recommends the relay of approximately:

- --- 1270 feet of 12-inch,6-inch,4-inch Cast Iron (1898-1924 gas main with approximately 1270 feet of 8-inch Plastic in Ward St from West Bourne Rd to Waverley Av.
- --- 10 feet of 6-inch Cast Iron (1924) gas main with approximately 10 feet of 6-inch Plastic in the intersection of Westbourne Rd and Ward St.
- --- 10 feet of 6-inch Cast Iron (1922) gas main with approximately 10 feet of 6-inch Plastic in the intersection of Coolidge Rd and Ward St.
- --- 30 feet of 4-inch Cast Iron (1899) gas main with approximately 30-feet of 6- inch Plastic in the intersection of Eastbourne Rd and Ward St.
- --- 10 feet of 4-inch Cast Iron (1914) gas main with approximately 10-feet of 6-inch Plastic in the intersection of Avondale Rd and Ward St.
- --- 30 feet of 6-inch Cast Iron (1927) gas main with approximately 30-feet of 6-inch Plastic in the intersection of Exmoor Rd and Ward St.
- --- 10 feet of 12-inch,6-inch, Cast Iron (1913) gas main with approximately 10feet of 6-inch Plastic in the intersection of Grant Av and Ward St.

A. Include or attach a sketch to provide a visual descrip Title of Plan	
HINRUBU (CAVORKS DEPARTMENTREAV	ILEAN TO THE REPORT OF THE PERSON OF THE PER
Date received by Public Works Department August 2	2, 2022
Check One: Minor Project Major Project (Refer to City Engineer Standard Requirements to	Example 2 Lateral
Plans Submitted: Certified Plot Plan Stamped Pl	ans
DATE AND COMMENTS:	RECOMMENDATIONS:
Prior to construction a Traffic Management Plan will be required for review and approval by the Traffic Division. Pedestrian access shall be accommodated for the duration in accordance with the DPW Standards & Check List. Siltation control shall be required in all catch basins within the construction zone. Accommodations to MBTA & school bus stops shall be ensured by NGrid & subcontractors. Any municipal services damaged shall be repaired immediately.	MWRA M8 permits will be required for the multiple crossings with transmission mains within the proposed gas main alignment. Restoration shall be per the Street Opening Permit, all pavement markings shall be restored in kind and to DPW standards. upon completion an as built plan shall be submitted to the DPW. John Daghlian, Associate City Engineer August 25, 2022

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

Shawna Sullivan

Digitally signed by Shawna Sulfs Date: 2022.08.25 16:11:00 -04'00'

Commissioner, Public Works

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:

Due to Newton's upcoming road work, Nationalgrid recommends the relay of approximately:

- --- 1270 feet of 12-inch,6-inch,4-inch Cast Iron (1898-1924 gas main with approximately 1270 feet of 8-inch Plastic in Ward St from West Bourne Rd to Waverley Av.
- --- 10 feet of 6-inch Cast Iron (1924) gas main with approximately 10 feet of 6-inch Plastic in the intersection of Westbourne Rd and Ward St.
- --- 10 feet of 6-inch Cast Iron (1922) gas main with approximately 10 feet of 6-inch Plastic in the intersection of Coolidge Rd and Ward St.
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- --- 10 feet of 12-inch, 6-inch, Cast Iron (1913) gas main with approximately 10 feet of 6-inch Plastic in the intersection of Grant Av and Ward St.

Date **August 19,2022**

By:

Mary Mulroney
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 <u>August 19,2022</u> 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 for	oregoing order was duly adopted	l by the		of
the City of	, MA on the	day of	, 2	0

WO # 1449994

By: Title

256-355 Ward Street Newton 1449994

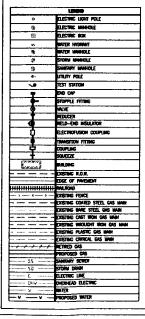
All Grants of Location for the City of Newton must answer the following in detail:

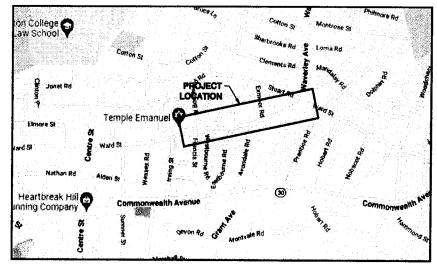
- A. Are there any leaks on this road? If yes, how many? There are no leaks on this road within the address range.
- B. If not, why is the gas main being extended or replaced? The main is being replaced to remove aging infrastructure, including leak prone pipe, prior to the street being repaved. The new corridor is prompted by MWRA plans to install a new water main in this section of Ward Street that would directly conflict with our gas infrastructure if National Grid were to relay the existing main in the existing corridor. The new gas corridor is reflective of a proactive effort to minimize and/or eliminate any future conflicts/need for National Grid to access this section of Ward Street.
- C. Is it in response to upcoming roadwork or new development? Yes, the main replacement is in response to Newton roadwork.
- D. Is capacity increasing? If yes, why? No, capacity is not increasing.

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.

NATIONAL GRID PROPOSED GAS MAIN INSTALLATION APPROXIMATELY 1,270' OF 8" AND 100' OF 6" PLASTIC L.P. MAIN #256 - #355 WARD STREET **NEWTON, MASSACHUSETTS** W.O. NO.: 1449994







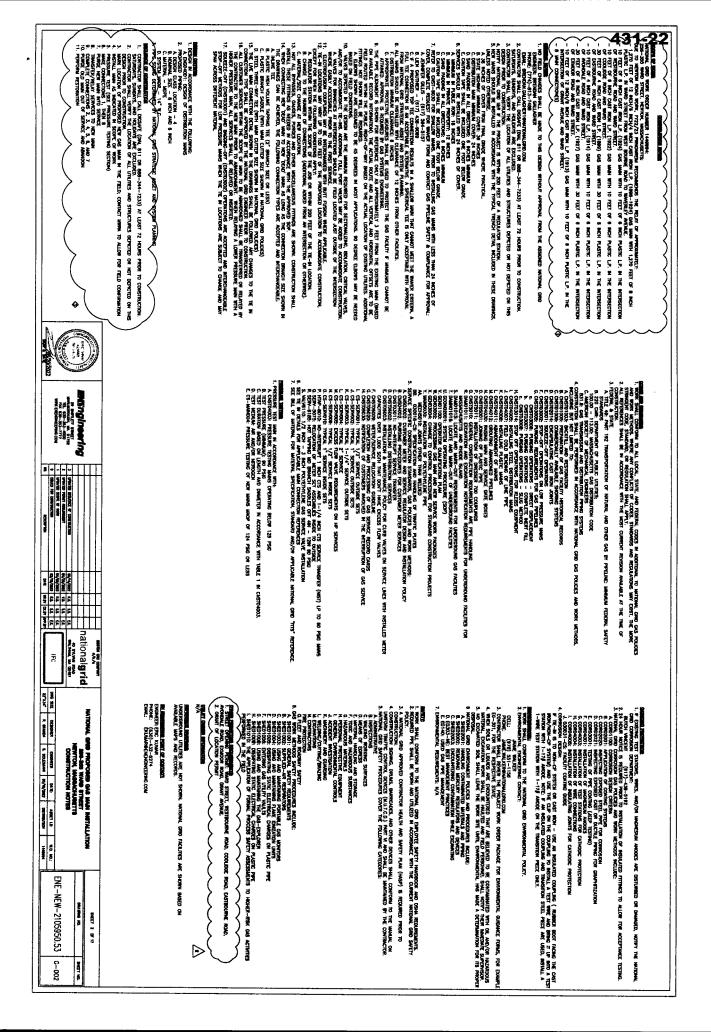
SHEET NUMBER	DESCRIPTION
1	LOCATION MAP, LEGISIO AND SHEET INDEX
2	CONSTRUCTION NOTES
3	SCHEDULE OF MATERIALS
4	OVERVIEW PLAN
5	INSTALLATION PLAN #1
	INSTALLATION PLAN #2
7	INSTALLATION PLAN #3
6	INSTALLATION DETAIL #1 AND #2
	INSTALLATION DETAIL \$3 AND \$4
10	INSTALLATION DETAIL #5 AND #6
11	INSTALLATION DETAIL #7 AND #8
12	TYPICAL CROSSING DETAIL
13	MISCELLAMEOUS DETAILS
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15	MISCELLANEOUS DETAILS
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ITEM	QTY	UOM	DESCRIPTION	SIZE (IN.)	NATIONAL GRID REFERENCE	SA NUI
1	± 1270	· FT	PIPE, PLASTIC MD	8"	120026-MS	934
2	± 100	FT	PIPE, PLASTIC MD	6"	120026-MS	936
3	± 50	FT	PIPE, PLASTIC MD	4"	120026-MS	93-
4	±5	FT	PIPE, PLASTIC MO	12"	120026-MS	93
5	8	EA	VALVE, PLASTIC	8"	VALV6020	930
6	8	EA	VALVE BOX ASSEMBLY	-	FITS-6370	(SEI
7	2	EA	COUPLING, ELECTROFUSION	8*	CS-FIT015	93
8 !	1	EA	CAP, PLASTIC MD	8"	CS-FIT010	93:
9	2	EA	COUPLING, ELECTROFUSION	12"	CS-FIT015	93
10	1	EA	CAP, PLASTIC MD	12"	CS-FIT010	933
11	18	EΑ	ELBOW, PLASTIC, 45 DEGREE	8"	CS-F(T011	934
12	6	EA	TEE, PLASTIC	6"	CS-FIT012	934
13°	6	EA	REDUCER, PLASTIC	8" X 6"	CS-FIT013	934
14	2	EA	REDUCER, PLASTIC	6" X4"	CS-FIT013	934
15	1	ΕA	REDUCER, PLASTIC	12" X 8"	CS-FIT013	934
16	5	EA	ELBOW, PLASTIC, 45 DEGREE	6"	CS-F17011	934
17	2	EA	ELBOW, PLASTIC, 45 DEGREE	4"	CS-FIT011	934
18	3	EA	CAP, MECHANICAL	6"	FITS6024	93
19	2	EA	RS CI CAP	4"	FITS6024	93
20	3	EA	INSULATED COUPLING, COMPRESSION	6"	FITS6025	931
21	3	EA	STIFFENER, INSERT	6"	FI198025	934
22	2	EA	INSULATED COUPLING, COMPRESSION	4"	FIT86025	931
23	2	EA	STIFFENER, INSERT	4"	FITS6025	934
24	1	EA	ELECTROFUSION CAP (OPTIONAL)	8*	CS-FIT015	938
25	2	EA	COUPLING, ELECTROFUSION	6"	CS-FIT015	931
26	1	EA	CAP, PLASTIC MD	6"	CS-FIT010	933
27	1	EA	ELECTROFUSION CAP (OPTIONAL)	6"	CS-F(T015	936
28	2	EA	ELBOW, PLASTIC, 90 DEGREE	8"	CS-FIT011	934
			GE	NERAL		
G1	A/R	FT	TRACER WIRE	N/A	CNST6061	(SEE
G2	A/R	ROLL.	YELLOW CAUTION TAPE	N/A	CNST8080	934
			PRESSURE TES	TING (TEMPORAR	Υ)	
				PROTECTION		
C1	5	EA	CP TEST BOX, SQUARE HEAD STY. # 178	N/A	030026-CS	933
C2	5	EA	TEST BOX COVER SQUARE	N/A	030026-CS	933
C3	5	ËA	17# ANODE	N/A	030024-CS	931

* ACTUAL LENGTH/OLIANTITY OF PIPE AND SMALL FITTINGS (<2") MAY WARY DUE TO FIELD CONDITIONS. FINAL VALUES MAY CHANGE SUBJECT TO MEETING NATIONAL GRID STANDARDS AND DESIGN/SPEC REQUIREMENTS.

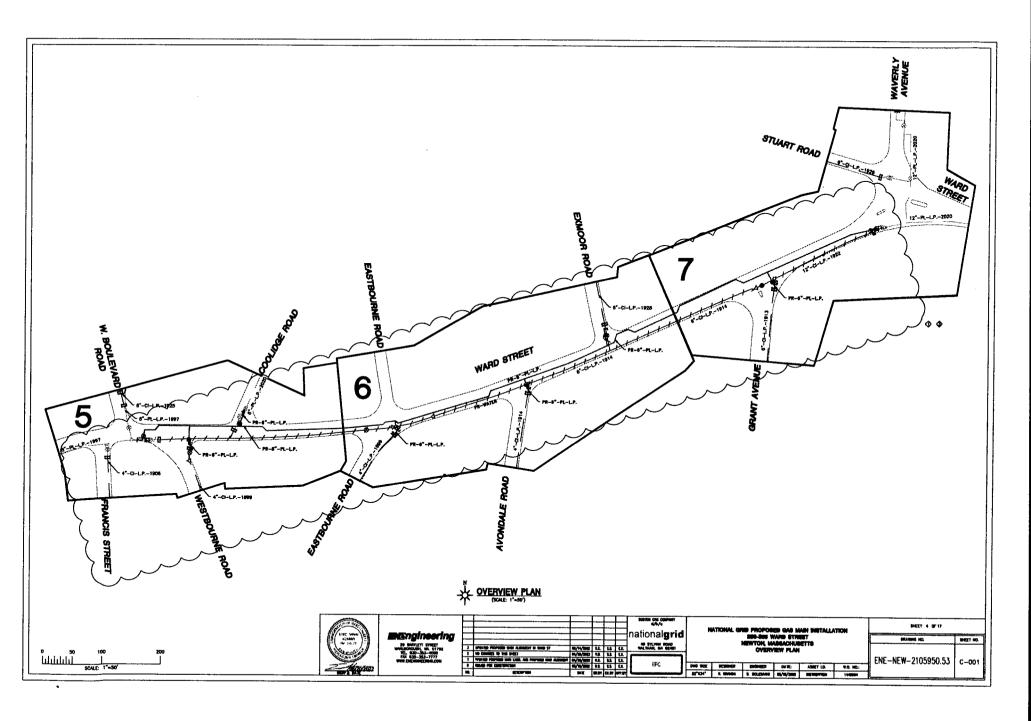
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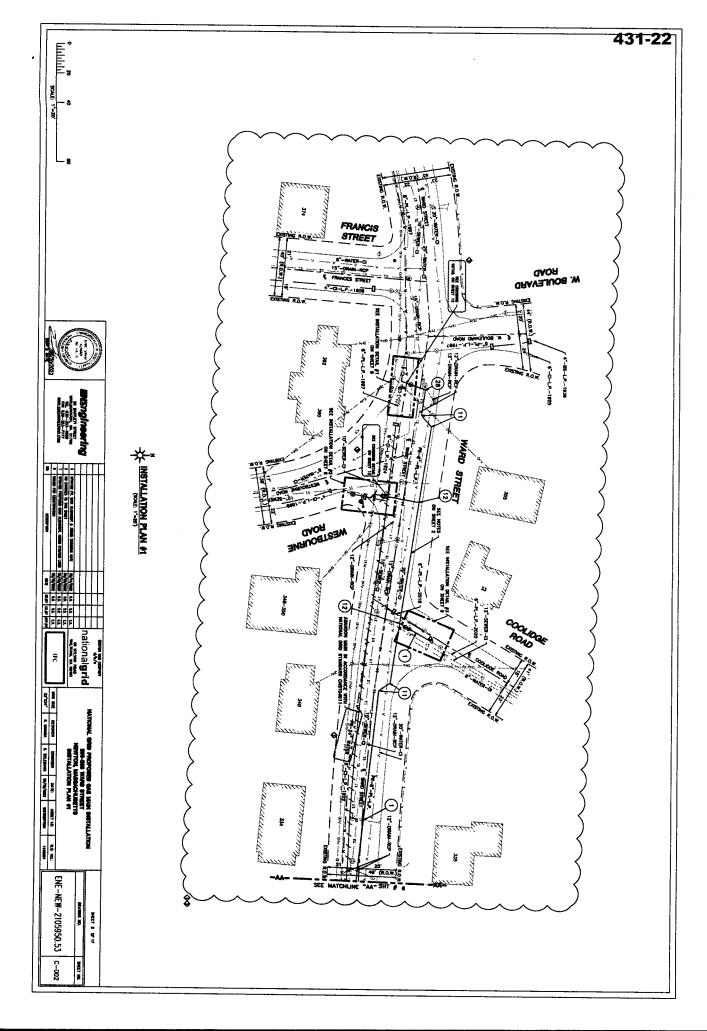
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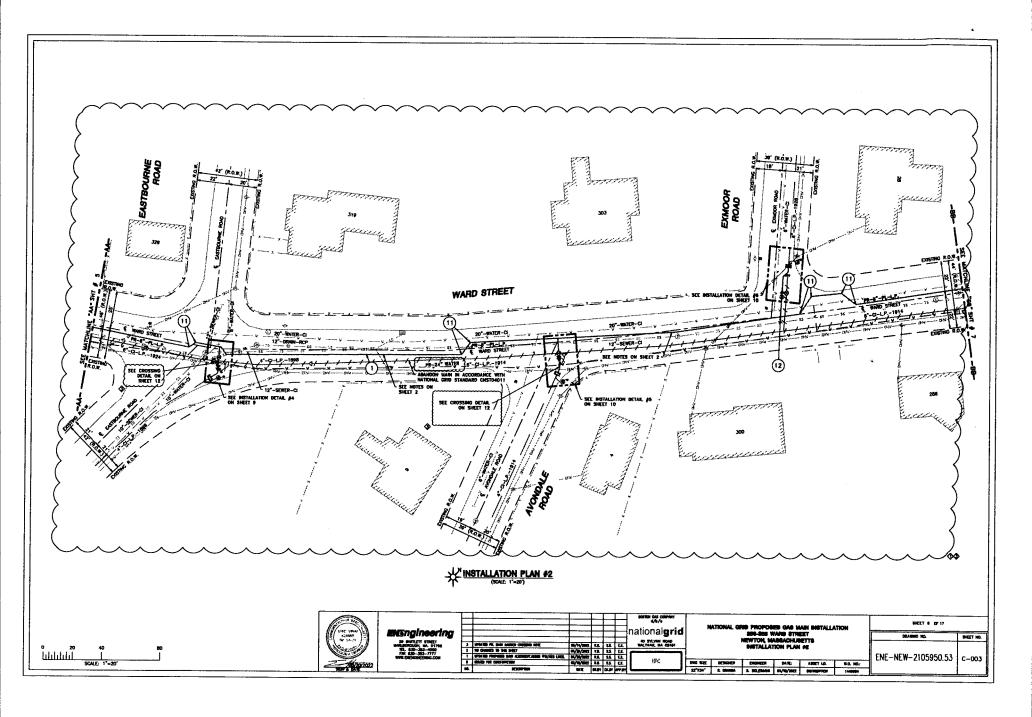
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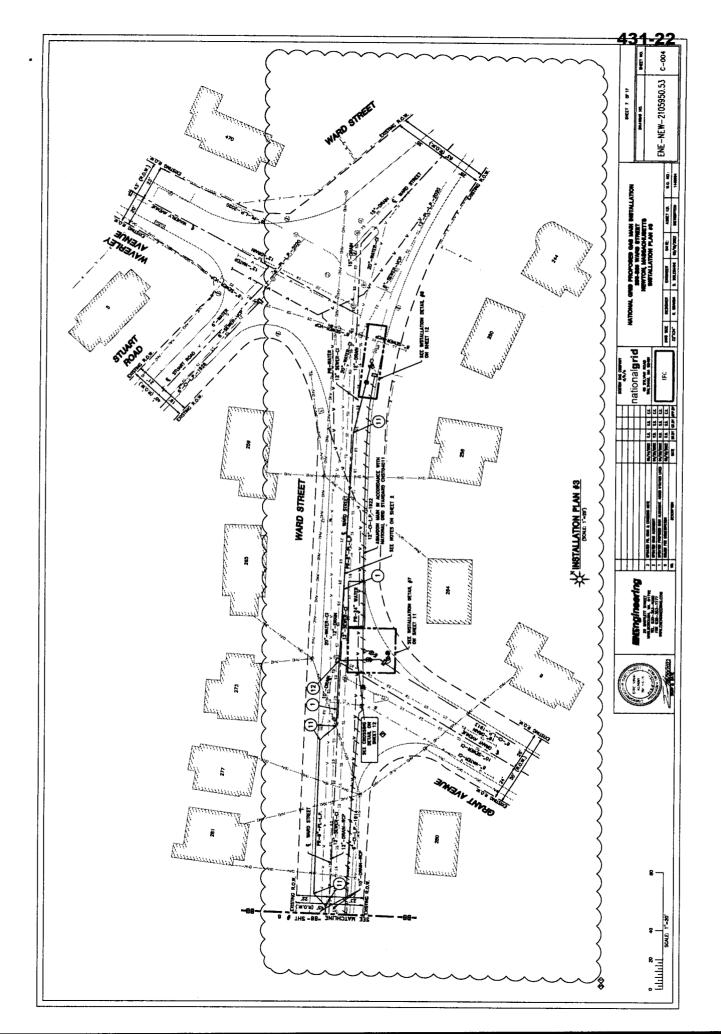
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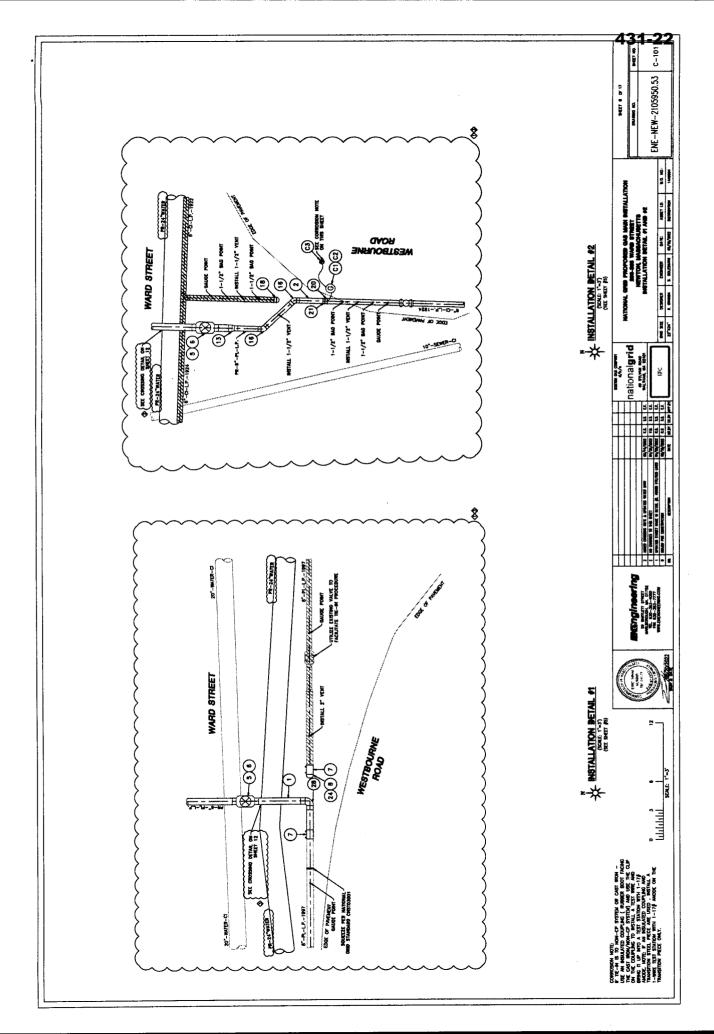
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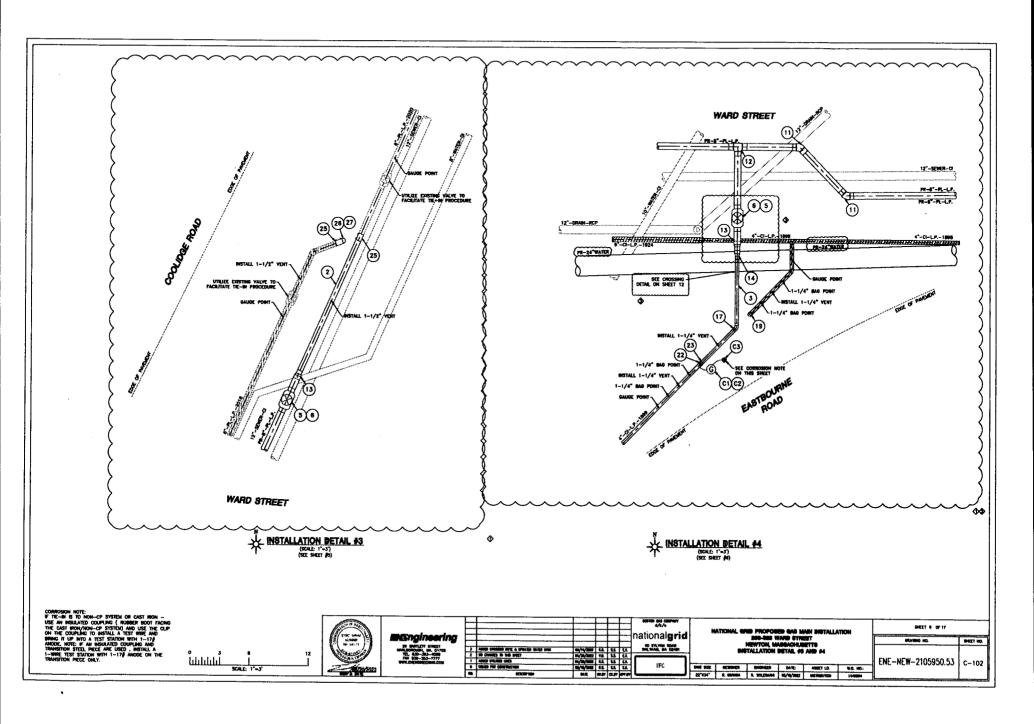


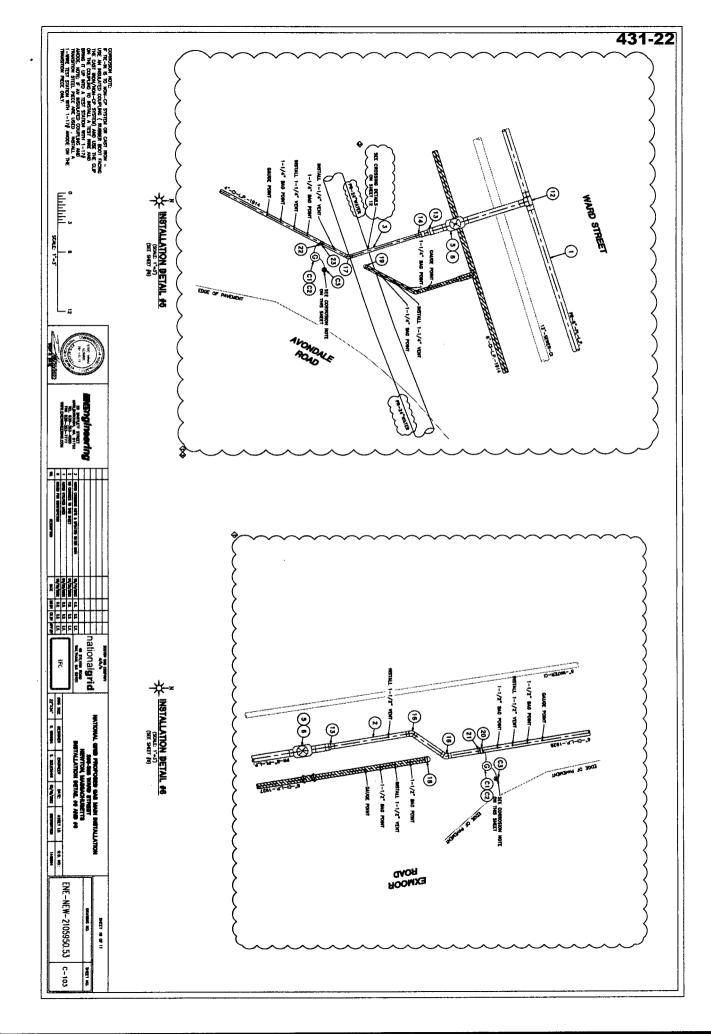


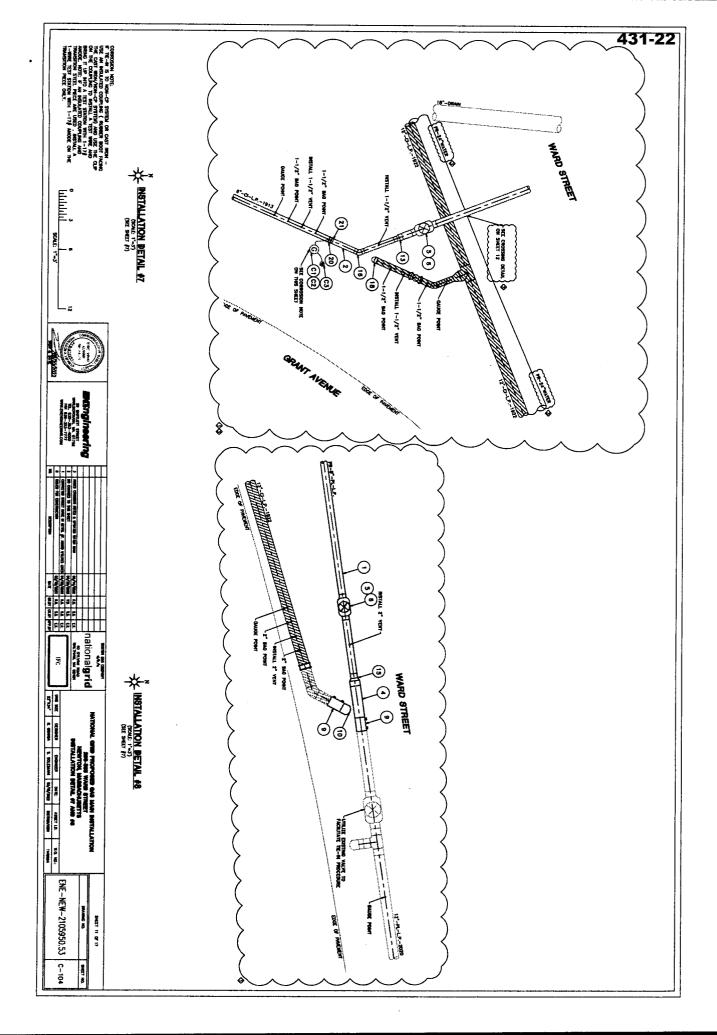


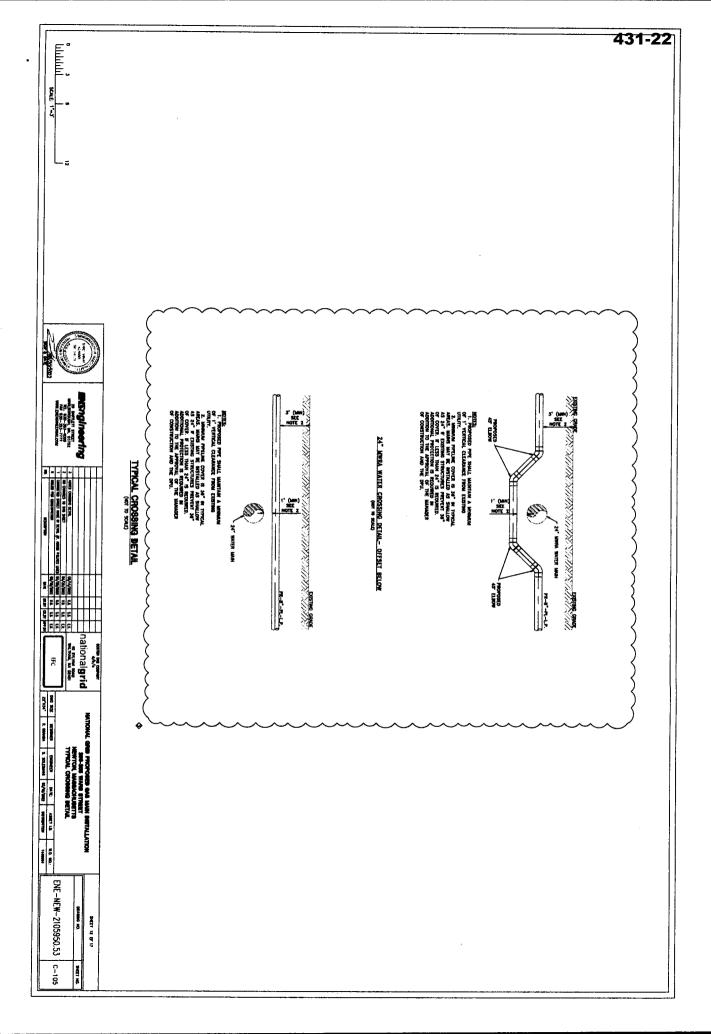


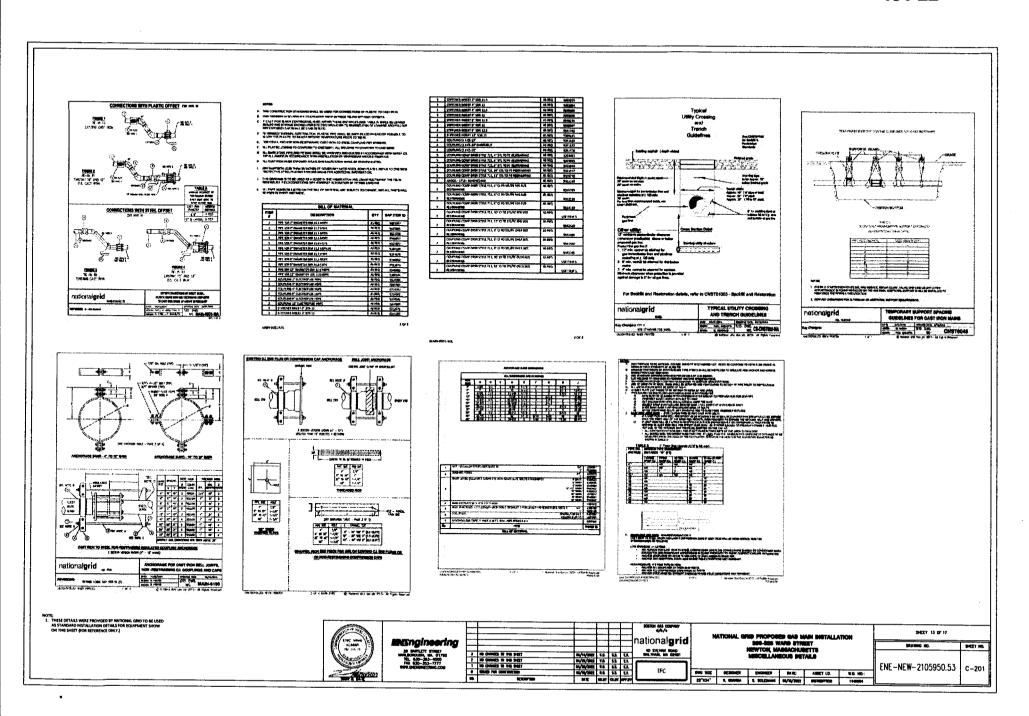


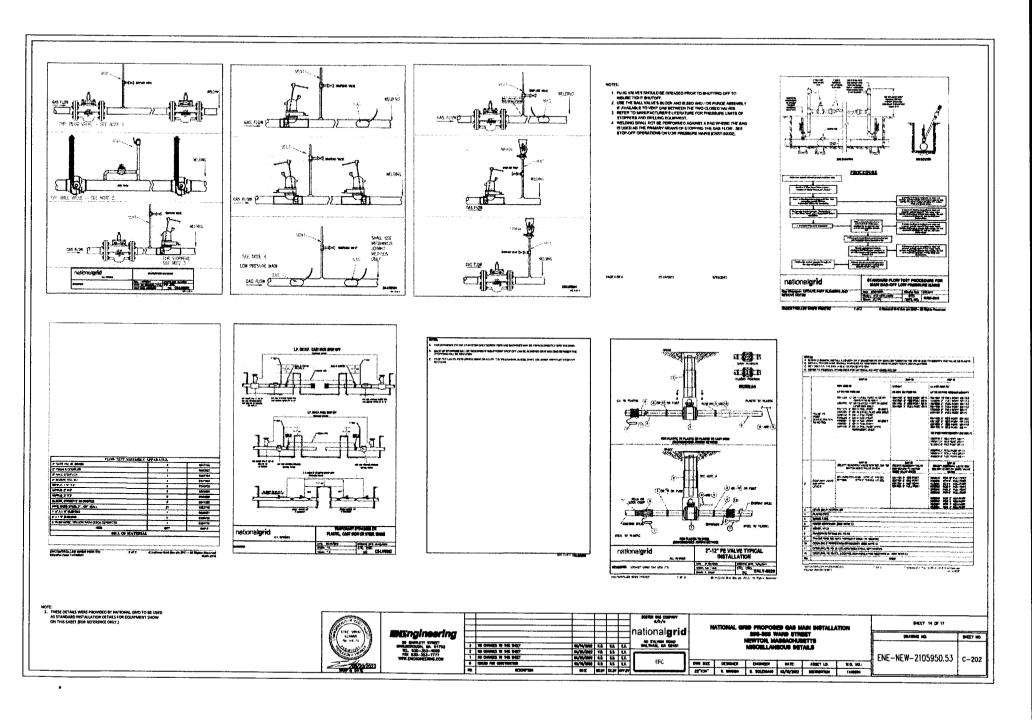


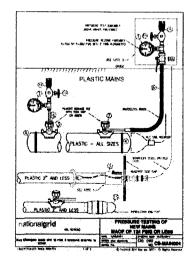


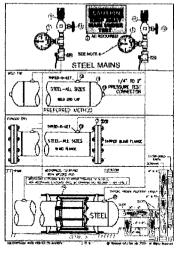


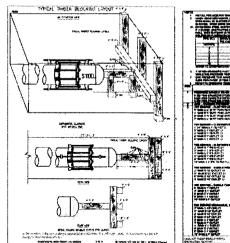


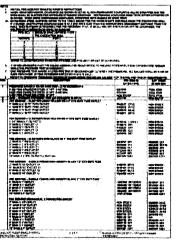


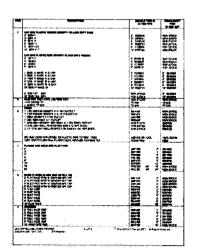




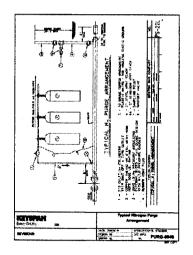


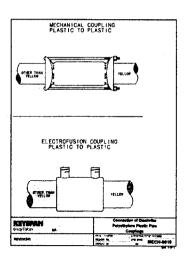












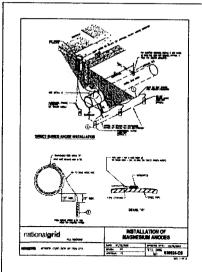
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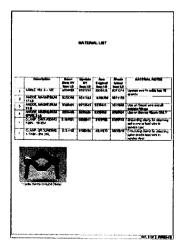
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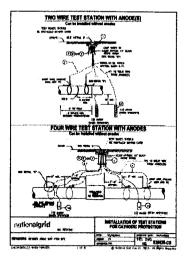
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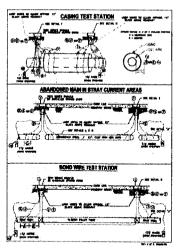
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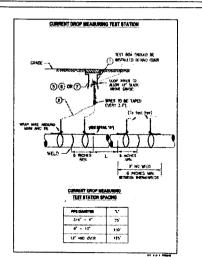
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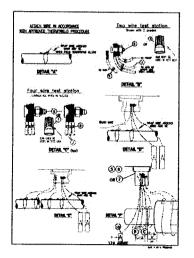


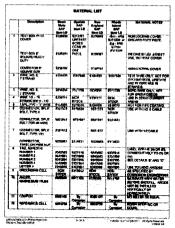


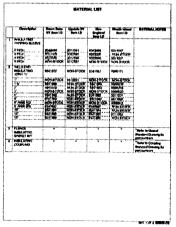












 THESE DETAILS WERE PROVIDED BY NATIONAL GRID TO BE USED AS STANDARD INSTALLATION DETAILS FOR EQUIPMENT SHOW ON THIS SHEET (FOR REFERENCE ONLY.)



PASTIGINEERING

29 DAMENT STREET

NUMBEROW IN 101738

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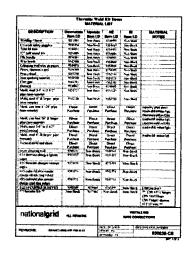
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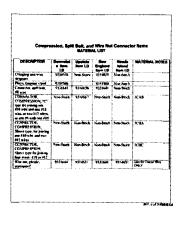
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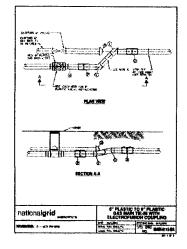
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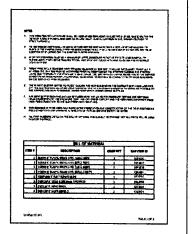
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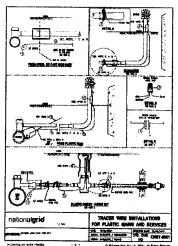


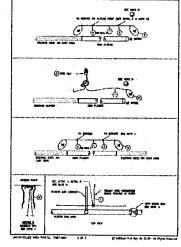


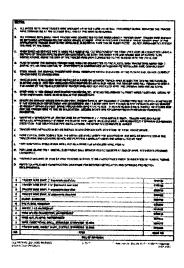
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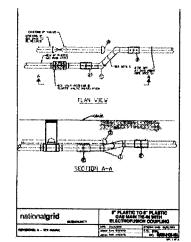












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NOTE:

1. THESE DETAILS WERE PROVIDED BY NATIONAL GRID TO BE USED
AS STANDARD INSTALLATION DETAILS FOR EQUIPMENT SHOW
ON THIS SHEET FOR REFERENCE GALY.)



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DWO NEXT DESIGNATE ENGINEERS SATE: ASSET LD. N.C. 100: 22"324" R. WOODA S. SOLESAANS SA/NA/2022 SERMINATURE 1-000004

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