

Gas Main Replacement Project  
1-111 Boardman Street and 131-135 Ashley Street  
East Boston, Massachusetts

## **REQUEST FOR DETERMINATION OF APPLICABILITY**

National Grid  
40 Sylvan Road  
Waltham, Massachusetts

March 2022

**Tighe&Bond**

WO# 1350340  
N-5068-171  
March 2, 2022

Boston Conservation Commission  
1 City Hall Square  
Room 709  
Boston, Massachusetts 02201

Re: **Request for Determination of Applicability  
Gas Main Replacement Project  
1-111 Boardman Street and 131-135 Ashley Street, East Boston,  
Massachusetts**

Dear Executive Director Moreno and Members of the Boston Conservation Commission:

On behalf of the Boston Gas Company, Tighe & Bond respectfully submits this Request for Determination of Applicability (RDA) for a proposed gas main replacement project within portions of Boardman Street and Ashley Street in East Boston, Massachusetts.

This RDA is being filed because the proposed work will occur within Land Subject to Coastal Storm Flowage (LSCSF). This area is regulated under the Massachusetts Wetlands Protection Act (WPA, M.G.L. c. 131 § 40) and the City of Boston Wetlands Protection Ordinance (Chapter VII) and their implementing regulations. The Commission previously determined that the changes in the proposed replacement gas main diameter rendered the work ineligible for exempt maintenance status. All proposed work will be within previously paved areas with no anticipated impacts to nearby wetland resource areas.

Tighe & Bond respectfully requests that the Conservation Commission issue a Negative Determination confirming that the proposed work does not require the filing of a Notice of Intent.

This RDA application includes the following items:

- Attachment A – WPA Form 1 (certified digital signatures) and Filing Fee
- Attachment B – Figures and Site Plans
- Attachment C – Abutter Notification Information
- Attachment D – National Grid Best Management Practices

The following text discusses the wetland resource areas, proposed activities, and proposed protective measures.

## **Wetland Resource Areas**

Wetland resource areas were reviewed by a Tighe & Bond wetland scientist using publicly available data, including the Massachusetts Department of Environmental Protection (MassDEP) Online Map Viewer. Please refer to Figure 3 in Attachment B for the locations of the resource areas and their respective buffers.

## **Land Subject to Coastal Storm Flowage**

The Federal Emergency Management Agency (FEMA) flood map (Panel No. 25025C0019J, revised March 16, 2016) was consulted to evaluate the presence of jurisdictional Land Subject to Coastal Storm Flowage (LSCSF) within the project area. The entire project area falls within areas subject to flooding and/or inundation by a 100-year flood (Zone AE, Base Flood Elevation of 10 feet). Therefore, the project area is regulated as LSCSF. LSCSF is associated with the



Chelsea Creek and Boston Harbor, located approximately 1,100 feet northwest and approximately 1,300 feet southeast, respectively, of the project area.

### **Rare Species**

The project area does not fall within *Priority Habitats of Rare Species* or *Estimated Habitats of Rare Wildlife* based on a review of the Massachusetts Natural Heritage and Endangered Species Program (NHESP) Atlas (15th edition; August 1, 2021) and NHESP data available on MassGIS online (August 2021), as shown on Figure 2.

### **Proposed Activities**

The existing gas main within Boardman Street is comprised of the following:

- 695 linear feet (lf) of 12-inch diameter low pressure (LP) cast iron (CI) (1923) piping
- 680 lf of 4-inch diameter LP CI (1905) piping
- 20 lf of 4-, 6-, and 8-inch diameter LP plastic (2016) piping

The existing main within Ashley Street is comprised of 120 lf of 6-inch LP coated steel (1963). Gas main replacement activities are proposed in two areas, listed below, and a breakdown of the proposed activities is provided in the enclosed Table 1. A total of 1,515 linear feet (lf) of gas main is proposed over these two areas. The locations of the project areas are depicted on Figures 1 through 3 and in the Project Drawings provided in Attachment B.

### **Project Areas:**

#### **Boardman Street**

Approximately 1,395 lf of 12-inch diameter, LP plastic in Boardman Street from the existing 12-inch diameter, LP plastic main at the intersection of Saratoga Street and Ford Street to the existing 8-inch diameter, LP plastic main at 111 Boardman Street.

#### **Ashley Street**

Approximately 120 lf of 8-inch diameter LP plastic in Ashley Street from the intersection of Ashley Street and Boardman Street to the existing 6-inch diameter LP coated steel (1972) main at 135 Ashley Street

As noted above, all of the proposed work within both Boardman Street and Ashley Street is within the mapped extent of LSCSF.

### **Work Methodology**

In general, the gas main replacement activities will entail the excavation of an approximately two-foot-wide trench for safe installation. The trench bottom will be excavated and graded such that the pipe will be supported for its entire length on undisturbed bottom at a depth of approximately three feet below surface grade. The trench will be excavated within the paved roadway footprints of Boardman Street and Ashley Street, with the precise locations of the gas lines to be determined in the field so that existing utilities can be avoided. The project involves relaying the existing gas mains and installation of new gas mains, as described above. The existing gas mains will be abandoned in place. Upon installation of the replacement mains, the trenches will be backfilled and restored in kind. Refer to the Project Drawings in Attachment B.

Equipment scheduled for use during the proposed construction and restoration of the trench include excavator and dump truck. Excavated material will be placed in the dump truck for removal to an off-site National Grid processing facility. Suitable soils and bedding materials are utilized in accordance with current gas pipe standards and the City of Boston requirements.

### **Work Within Resource Areas**

The proposed work will result in approximately 3,036 square feet (sf) of temporary impacts to LSCSF. The areas where the work is proposed consist entirely of existing paved roadways. The proposed work will not change the general characteristics of the area, as the entire project is contained within previously developed areas and will be subsurface. The site will be restored to pre-existing elevations.

## **Protective Measures**

Work will be conducted in accordance with National Grid's EG-303NE Best Management Practices document. Please refer to Attachment D for further details. During the gas line construction, erosion control measures (e.g., straw bales, silt fence, straw wattles, catch basin silt sack inserts) will be installed as deemed necessary.

## **Climate Resiliency**

The City of Boston has established an Ordinance Protecting Local Wetlands and Promoting Climate Change Adaptation in the City of Boston (Boston Wetlands Ordinance; City of Boston Code, Ordinances, Chapter 7-1.4) regarding activities within their jurisdiction as well as administrative procedures relative to proposed projects. Of the current regulations, the following are pertinent to the proposed activities. The Ordinance directs the Boston Conservation Commission to consider future climate impacts like rising sea levels in applications for construction and is stricter than statewide standards.

According to the Climate Ready Boston Mapper, underground structures for the project work area (located within Boardman Street and Ashley Street) are within the 1% and 10% Annual Coastal Flood Risk areas for the 2050s and 2070s. Portions of both streets are within near-term stormwater flooding areas.

The underground infrastructure is designed in consideration of groundwater. Conduit ends are sealed watertight with a manufacturer-recommended material compatible with the gas main. Additionally, the pipes are manufactured to withstand extreme environments inclusive of water penetration. In this manner, the below ground infrastructure is designed and capable of withstanding potential climate change and future climate impacts.

## **Application Requirements**

As required under the City of Boston Wetlands Protection Ordinance, abutters to the project area have been notified via Certificate of Mailing, in accordance with abutter notification requirements. Copies of the abutter notification forms (English, Spanish with translation certification), the list of abutters, and Affidavit of Service (with certified digital signature) are enclosed in Attachment C.

As the project will be conducted entirely within public roadway rights-of-way (ROW) in existing Boston Gas Company easements, property owner notification is not warranted.

## **Summary**

We look forward to having the opportunity to discuss this project with the City of Boston Conservation Commission during the public hearing scheduled for March 16, 2022. We anticipate these materials are sufficient for the Commission to issue a Negative Determination, confirming that a Notice of Intent (NOI) will not be required for the proposed work to proceed. Should you have any questions regarding this application or require any additional information, please do not hesitate to contact me at (413) 250-2424 or via email at [MPCoady@tighebond.com](mailto:MPCoady@tighebond.com).

Sincerely,

**TIGHE & BOND, INC.**



Melissa P. Coady  
Project Manager

Enclosures

Copy: MassDEP NERO  
Jaime Walker, National Grid



**Table 1  
Boston Gas Company  
Gas Main Replacement  
East Boston, Massachusetts**

<b>Street</b>	<b>Gas Main Maintenance (linear feet)</b>	<b>Work within LSCSF</b>
1-111 Boardman Street	1,395 lf	<b>Yes</b>
131-135 Ashley Street	120 lf	<b>Yes</b>



**ATTACHMENT A**

WPA FORM 1

FILING FEE



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Boston  
City/Town

WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Boston Gas Company (c/o Jaime Walker) Name jaime.walker@nationalgrid.com E-Mail Address  
40 Sylvan Road Mailing Address  
Waltham City/Town MA State 02451 Zip Code  
(978) 551-1156 Phone Number  
Fax Number (if applicable)

2. Representative (if any):

Tighe & Bond, Inc. Firm  
Melissa Coady Contact Name MPCoady@tighebond.com E-Mail Address  
53 Southampton Road Mailing Address  
Westfield City/Town MA State 01085 Zip Code  
(413) 572-3224 Phone Number  
Fax Number (if applicable)

B. Determinations

1. I request the Boston Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Boston Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).







## WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

### C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

310 CMR 10.02(2)(a)(2) - Activities conducted to maintain, repair or replace, but not substantially change or enlarge an existing and lawfully located structure or facility used in the service of the public and used to provide electric, gas...

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



# WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

## D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Boston Gas Company (c/o Jaime Walker)  
Name

40 Sylvan Road  
Mailing Address

Waltham  
City/Town

MA 02451  
State Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

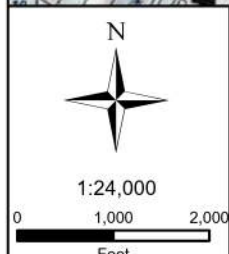
*Jaime Walker* 2/25/2022  
Signature of Applicant Date

*[Signature]* 2/25/2022  
Signature of Representative (if any) Date

**ATTACHMENT B**

FIGURES AND SITE PLANS





**GAS MAIN REPLACEMENT**

**Site Location**

1-111 Boardman Street & 131-135 Ashley Street, Boston, MA

Figure 1

Based on USGS Topographic Map for Boston North [Site Quad] and Lynn Revised 1985, Boston South Revised 1986, and Hull, MA Revised 1987. Contour Interval Equals 3-meters.

**nationalgrid**  
**Tighe&Bond**





**Legend**

- ✦ Trains
- Stream/Intermittent Stream
- Hydrologic Connections
- ▭ Protected and Recreational Open Space
- ▭ Solid Waste Landfill
- ▭ Area of Critical Environmental Concern (ACEC)
- ▭ NHESP Priority Habitats for Rare Species
- ▭ NHESP Estimated Habitats for Rare Wildlife
- ▭ Major Drainage Basin
- ▭ Sub Drainage Basin
- ▭ MassDEP Open Water
- ▭ MassDEP Inland Wetlands
- ▭ MassDEP Coastal Wetlands
- ▭ Water Bodies
- ▭ Potentially Contaminated Sites
- ▭ Town Boundary
- Proposed Gas Main Replacement

1:24,000  
 0 1,000 2,000  
 Feet

**GAS MAIN REPLACEMENT**  
**Priority Resources**

1-111 Boardman Street & 131-135 Ashley Street, Boston, MA  
 Figure 2

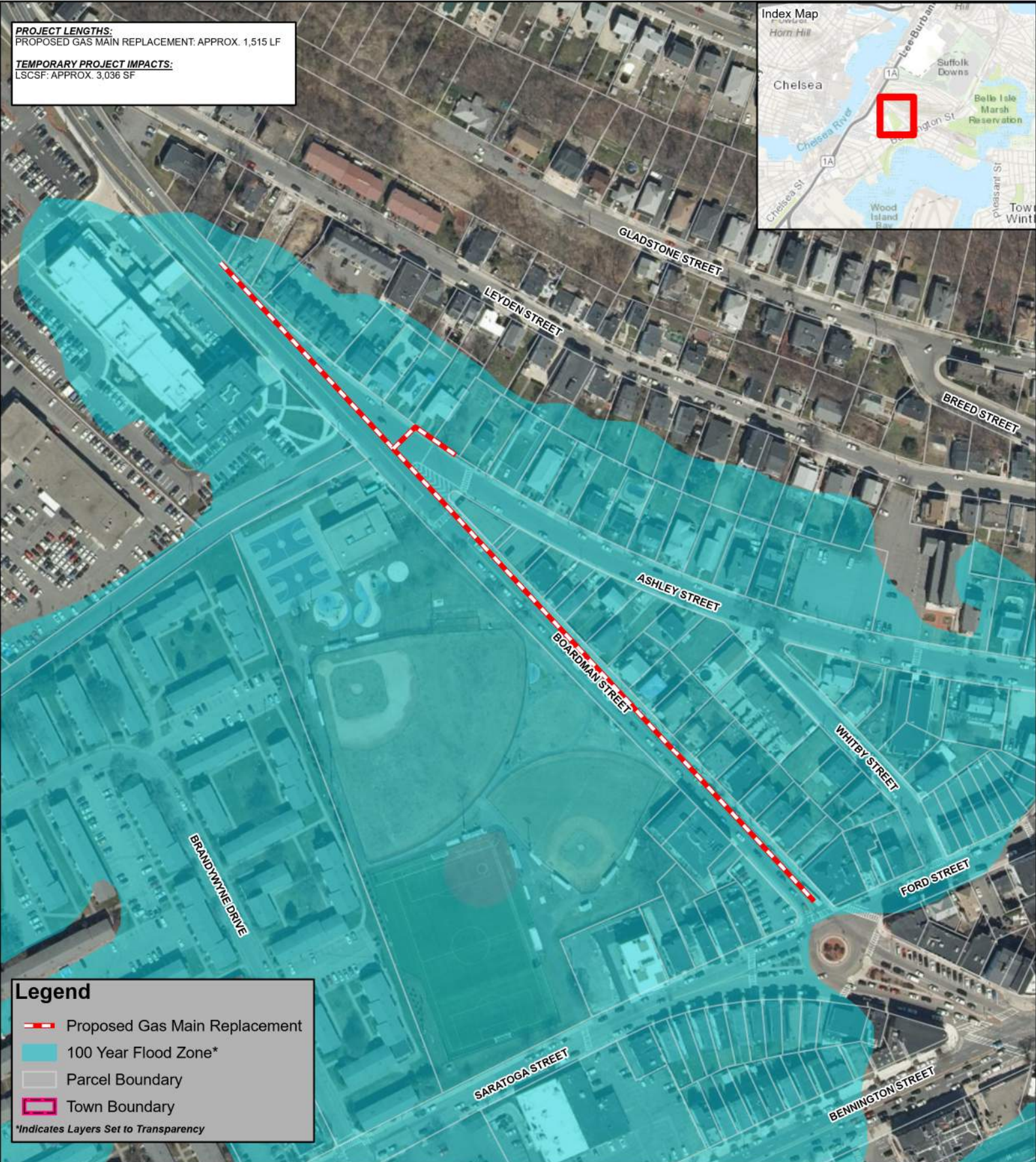
Based on MassGIS Color Orthophotography (2019).  
 Data source: Bureau of Geographic Information (MassGIS), Commonwealth of Massachusetts, Executive Office of Technology  
 Data valid as of February 2022.

**nationalgrid**  
**Tighe&Bond**



**PROJECT LENGTHS:**  
 PROPOSED GAS MAIN REPLACEMENT, APPROX. 1,515 LF

**TEMPORARY PROJECT IMPACTS:**  
 LSCSF: APPROX. 3,036 SF



**Legend**

- Proposed Gas Main Replacement
- 100 Year Flood Zone\*
- Parcel Boundary
- Town Boundary

\*Indicates Layers Set to Transparency

1:2,400

0 100 200  
Feet

**GAS MAIN REPLACEMENT**

**Site Plan**

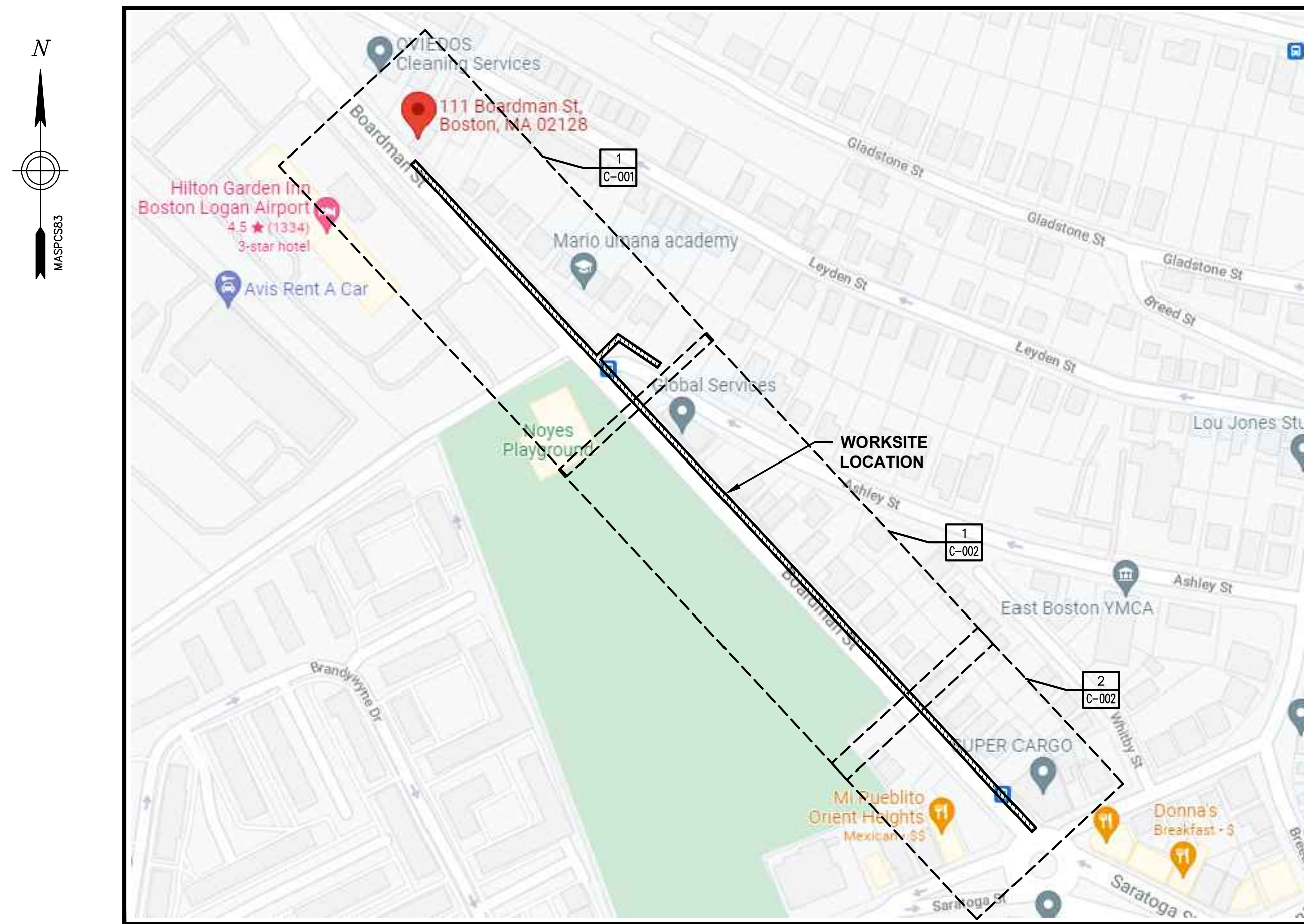
1-111 Boardman Street & 131-135 Ashley Street, Boston, MA  
 Figure 3

Based on MassGIS Color Orthophotography (2021).  
 Parcels (FY2022) downloaded from MassGIS and are approximate.





# PROPOSED GAS MAIN REPLACEMENT APPROXIMATELY 120' OF 8" & 1,395' OF 12" PLASTIC - LOW PRESSURE 1-111 BOARDMAN ST & 131-135 ASHLEY ST, BOSTON, MA W.O. NO. 1350340



INDEX OF SHEETS		
PAGE	NAME	TITLE
1	DPL-EBO-067813-1042 G-001	COVER SHEET
2	DPL-EBO-067813-1042 G-002	CONSTRUCTION NOTES AND BOM
3	DPL-EBO-067813-1042 C-001	PROPOSED INSTALLATION PLAN
4	DPL-EBO-067813-1042 C-002	PROPOSED INSTALLATION PLAN
5	DPL-EBO-067813-1042 C-201	PROPOSED TIE-IN DETAILS
6	DPL-EBO-067813-1042 C-301	NATIONAL GRID STANDARD CONSTRUCTION DETAILS
7	DPL-EBO-067813-1042 C-302	NATIONAL GRID STANDARD CONSTRUCTION DETAILS
8	DPL-EBO-067813-1042 C-303	NATIONAL GRID STANDARD CONSTRUCTION DETAILS
9	DPL-EBO-067813-1042 C-304	NATIONAL GRID STANDARD CONSTRUCTION DETAILS

LOCUS  
SCALE: NTS



<p>Drawing Copyright © 2021</p> <p>141 Longwater Drive, Suite 104 Norwell, MA 02061-1620 781-982-7700 · www.chacompanies.com</p>		<p>BOSTON GAS COMPANY d/b/a <b>nationalgrid</b> 40 SYLVAN ROAD WALTHAM, MA 02451</p> <div style="border: 2px solid red; padding: 5px; display: inline-block; color: red; font-weight: bold;">FINAL</div>	<p>PROPOSED GAS MAIN REPLACEMENT 1-111 BOARDMAN ST &amp; 131-135 ASHLEY ST BOSTON, MA</p> <p><b>COVER SHEET</b></p> <table border="1" style="width: 100%; font-size: small;"> <tr> <td>DWG SIZE</td> <td>DESIGNER</td> <td>ENGINEER</td> <td>DATE</td> <td>ASSET I.D.</td> <td>W.O. NO.:</td> </tr> <tr> <td>22"X34"</td> <td>S.KHAFAJI</td> <td>C.KOLOD</td> <td>12/02/2021</td> <td>DISTRIBUTION</td> <td>1350340</td> </tr> </table>	DWG SIZE	DESIGNER	ENGINEER	DATE	ASSET I.D.	W.O. NO.:	22"X34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340	<p>PAGE 1 OF 9</p> <table border="1" style="width: 100%; font-size: x-small;"> <tr> <th>DRAWING NO.</th> <th>SHEET NO.</th> </tr> <tr> <td>DPL-EBO-067813-1042</td> <td>G-001</td> </tr> </table>	DRAWING NO.	SHEET NO.	DPL-EBO-067813-1042	G-001
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CONSTRUCTION NOTES

SCOPE OF WORK

NATIONAL GRID WORK ORDER NUMBER 1350340: (1-111 BOARDMAN ST & 131-135 ASHLEY ST, BOSTON, MA) AS PART OF THE CIMNRP-10 PROGRAM, LPP INTEGRITY MANAGEMENT RECOMMENDS THE RELAY OF: -APRX 695 FEET OF 12 INCH, LP CAST IRON (1923), APRX 680 FEET OF 4 INCH, LP CAST IRON (1905) AND APRX 20 FEET OF 4, 6, AND 8 INCH, LP PLASTIC (2016) WITH APRX 1395 FEET OF 12 INCH, LP PLASTIC IN BOARDMAN ST FROM THE EXIST 12 INCH, LP PLASTIC IN THE INTERSECTION OF SARATOGA ST AND FORD ST TO THE EXST 8 INCH, LP PLASTIC AT #111 BOARDMAN ST -APRX 120 FEET OF 6 INCH, LP COATED STEEL (1963) DEB00002 WITH APRX 120 FEET OF 8 INCH, LP PLASTIC IN ASHLEY ST FROM BOARDMAN ST TO THE EXST 6 INCH, LP COATED STEEL (1972) - MEB00011. -BILLING: 3 MAIN CONNECTIONS, 0 CUT & CAPS

GENERAL

- 1. NO FIELD CHANGES SHALL BE MADE TO THIS DESIGN WITHOUT APPROVAL FROM THE ASSIGNED NATIONAL GRID ENGINEER... 2. NEW MAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE TYPICAL TRENCH DETAIL INCLUDED IN THESE DRAWINGS... 3. SERVICES SHALL BE INSTALLED WITH 24 INCHES OF COVER... 4. REFER TO CNST-6030 FOR SHALLOW MAINS... 5. ALL MAINS SHOULD BE INSTALLED WITH CLEARANCE OF 12 INCHES FROM OTHER FACILITIES... 6. THE PIPE ALIGNMENT IS SHOWN FOR REFERENCE ONLY AS APPROXIMATELY 3 FEET FROM THE EXISTING MAIN... 7. VALVES DEPICTED IN THE DESIGN ARE THE MINIMUM REQUIRED FOR SECTIONALIZING, ISOLATION, CRITICAL VALVES... 8. ELECTROFUSION COUPLINGS MAY BE INTERCHANGED WITH BUTT FUSION WHERE APPLICABLE... 9. TIE-IN LOCATIONS MAY VARY UP TO 100 FEET OF THE PROPOSED LOCATION TO ACCOMMODATE CONSTRUCTION... 10. NOT ALL BYPASSES, GAUGES, PURGES AND OTHER MISCELLANEOUS FITTINGS ARE SHOWN... 11. WHEN CONNECTING NEW "DEAD" MAIN TO NEW "DEAD" MAIN... 12. THE LIVE MAIN CONNECTION DETAIL SHOWN IN THE DRAWINGS SHALL BE FOLLOWED... 13. ALL CUSTOMER SERVICES WITHIN THE SCOPE OF MAIN TO BE ABANDONED SHALL BE TRANSFERRED OR RELAYED BY THE CONTRACTOR... 14. DRESSER STYLE COMPRESSION FITTINGS ON PLASTIC MAY BE USED AS AN ALTERNATIVE TO ELECTROFUSION FITTINGS... 15. FOR HOST STEEL MAIN CONNECTIONS: IN LIEU OF THE USE OF TDW 3-WAY TEE FITTINGS... 16. FOR HOST CAST IRON MAIN CONNECTIONS: IN LIEU OF THE USE OF TDW 3-WAY TEE FITTINGS... 17. ON NEW PLASTIC TO EXISTING STEEL CONNECTIONS... 18. STEEL MUELLER ANSI 150 CLASS FITTINGS ARE INTERCHANGEABLE WITH TDW FITTINGS... 19. PLASTIC INLINE TEES AND BRANCH SADDLES ARE INTERCHANGEABLE PROVIDED THE SADDLE IS THE EQUIVALENT SIZE OF THE TEE... 20. FOR A 2" PLASTIC TIE-IN TO AN EXISTING 2" PLASTIC PIPE...

CODES & STANDARDS

- 1. WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL CODES IN ADDITION TO NATIONAL GRID GAS POLICIES AND WORK METHODS... 2. ALL REFERENCES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT REVISION AVAILABLE AT THE TIME OF CONSTRUCTION... 3. FEDERAL & STATE... 4. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL GRID GAS POLICIES AND WORK METHODS... 5. SERVICE SPECIFIC GAS POLICIES AND WORK METHODS...

ENVIRONMENTAL

- 1. WORK SHALL CONFORM TO THE NATIONAL GRID ENVIRONMENTAL POLICY... 2. ENVIRONMENTAL ENGINEERING CONTACT ANDREW L. SHELBY... 3. CONTRACTOR SHALL REVIEW THE PROJECT WORK ORDER PACKAGE FOR THE ENVIRONMENTAL GUIDANCE FORMS... 4. WHEN SOILS OR LIQUIDS ARE ENCOUNTERED THAT ARE BELIEVED TO BE CONTAMINATED WITH OIL AND/OR HAZARDOUS MATERIAL... 5. NO EXCAVATED SOIL SHALL LEAVE THE WORK SITE UNTIL ENVIRONMENTAL HAS MADE A DETERMINATION FOR ITS PROPER DISPOSAL... 6. NATIONAL GRID ENVIRONMENTAL POLICIES AND PROCEDURES INCLUDE: A. SHE02001: HANDLING CONTAMINATED MATERIALS AND PIPING... 7. ENVIRONMENTAL REQUIREMENTS: -PROPOSED WORK IS LOCATED WITHIN 100 FEET OF WETLANDS AND/ORBODIES OF WATER/ WITHIN 200 FEET OF RIVERORA STREAM... -ENVIRONMENTAL PERMIT AND/OR THE USE OF ENVIRONMENTAL BMPS MAY BE REQUIRED. SEE ENVIRONMENTAL MEMO FOR DETAILS.

DESIGN CRITERIA

- 1. DESIGN IN ACCORDANCE WITH THE FOLLOWING: A. ENGO2001: DESIGN OF GAS SERVICES... 2. PROPOSED PIPING: A. DESIGN CLASS LOCATION - 4... 3. PIPE SIZING DETERMINED BY NATIONAL GRID STRATEGIC ASSET AND SYSTEM PLANNING... 4. BYPASS REQUIREMENTS FOR ALL MAIN CONNECTIONS TO BE DETERMINED BY NATIONAL GRID OPERATIONS ENGINEERING... 5. FOR WORK ORDERS PERTAINING TO ENCROACHMENTS, NATIONAL GRID SHALL DETERMINE IN THE FIELD THE EXACT LOCATION OF THE ENCROACHMENT TO ENSURE THE REPLACEMENT COMPLIES WITH DAM01008 AND REMOVES ANY POTENTIAL HAZARD CREATED BY THE ENCROACHMENT.

SEQUENCE OF CONSTRUCTION

- 1. CONTRACTOR SHALL CALL DIGSAFE (DIAL 811 OR 888-344-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION... 2. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND STRUCTURES DEPICTED OR NOT DEPICTED ON THIS DESIGN PRIOR TO CONSTRUCTION... 3. NOTIFY NATIONAL GRID I & R THAT THE PROJECT IS WITHIN 200 FEET OF A REGULATOR STATION... 4. INSTALL MAIN AS INDICATED IN SCOPE OF WORK... 5. PRESSURE TEST INSTALLED MAIN (SEE PRESSURE TESTING SECTION)... 6. CONNECT NEW 12 IN PL LP MAIN TO EXISTING 12 IN PL LP MAIN AND CUT & CAP 4 IN PL LP MAIN AT INTERSECTION OF BOARDMAN ST AND FORD ST PER PROPOSED TIE-IN DETAIL 3... 7. PURGE NEW MAIN INTO SERVICE... 8. BEGIN TRANSFER/RELAY OF SERVICES... 9. CONNECT NEW 8 IN PL LP MAIN TO EXISTING 6 IN CS LP MAIN AND CUT & CAP EXISTING 6 IN CS LP MAIN #131 ASHLEY ST PER PROPOSED TIE-IN DETAIL 2... 10. COMPLETE TRANSFER/RELAY OF SERVICES... 11. CONNECT NEW 12 IN PL LP MAIN TO EXISTING 8 IN LP LP MAIN AND CUT & CAP EXISTING 8 IN LP LP MAIN AT #111 BOARDMAN ST PER PROPOSED TIE-IN DETAIL 1... 12. PURGE OLD MAIN OUT OF SERVICE AND ABANDON... 13. PERFORM RESTORATION

PRESSURE TESTING

- 1. PRESSURE TESTING TO BE IN ACCORDANCE WITH: A. CNST04003: PRESSURE TESTING MAINS OPERATING BELOW 125 PSIG... 2. PRESSURE TEST SERVICES IN ACCORDANCE WITH: A. CNST06008: PRESSURE TESTING SERVICE LINES

WELDING

- 1. NATIONAL GRID WELDING GAS POLICIES AND WORK METHODS INCLUDE: A. CNST05002: WELDING POLICY... 2. PRIOR TO THE START OF ANY WORK THE CONTRACTOR SHALL SUBMIT WELDER CERTIFICATION DOCUMENTS FOR EACH OF THE WELDERS EMPLOYED ON THIS PROJECT... 3. WELDING PROCEDURE SPECIFICATIONS REQUIRED: A. BUTT WELDS (GROOVE): WPS-SMAW-E6010/7010 (LATEST REVISION)... 4. 10% (AT LEAST 1) OF WELDS IN EACH CATEGORY BELOW SHALL BE SUBJECT TO NON-DESTRUCTIVE EXAMINATION (NDE)... 5. NDE AND WELD MAP SHALL BE PROVIDED BY SKYTESTING... 6. SKYTESTING SCHEDULING CONTACT: WILLIAM (BILL) CLARK

CATHODIC PROTECTION

- 1. IF EXISTING TEST STATIONS, WIRES, AND/OR MAGNESIUM ANODES ARE DISTURBED OR DAMAGED, NOTIFY THE NATIONAL GRID CORROSION DEPARTMENT: BUTCH VINCENT: (617) 438-5192... 2. 24 HOUR NOTICE IS REQUIRED PRIOR TO INSTALLATION OF INSULATED FITTINGS TO ALLOW FOR ACCEPTANCE TESTING... 3. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL GRID CORROSION GAS POLICIES AND WORK METHODS INCLUDING: A. COR01100: CORROSION DESIGN CRITERIA... 4. CORROSION DESIGN: SEE CONTENTS OF THIS DESIGN FOR CATHODIC PROTECTION DETAILS.

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 POLICIES AND PROCEDURES INCLUDE: A- ADMINISTRATIVE B- INSPECTIONS... 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 HIGHER-RISK GAS ACTIVITIES PERFORMED IN THE FIELD... J. SHE02001: HANDLING CONTAMINATED MATERIALS AND PIPING

OTHER PERMITTING REQUIREMENTS

- CITY/TOWN OF BOSTON STREET OPENING PERMIT. -TMP : REQUIRED TO PERFORM WORK IN EAST BOSTON -MWR: REQUIRED TO PERFORM WORK IN SARATOGA/FORD ST INTERSECTION

REFERENCE DRAWINGS

UNDERGROUND UTILITIES ARE NOT SHOWN, NATIONAL GRID FACILITIES ARE SHOWN BASED ON AVAILABLE MAPS AND RECORDS.

THE TOPOGRAPHIC AND ELEVATION DATA SHOWN HEREON WAS OBTAINED FROM MASS GIS AND IS NOT CERTIFIED AS CORRECT AND/OR ACCURATE BY THIS ENGINEER. USERS RELY ON SAID DATA AT THEIR OWN RISK.

CONSULTANT CONTACT INFORMATION

CHA CONSULTING, INC., JEFFREY O'DONNELL, P.E. BUSINESS PRACTICE LEADER - GAS ENGINEERING (781) 982-5456 JODONNELL@CHACOMPANIES.COM

BILL OF MATERIALS

Table with columns: ITEM, QTY, UOM, DESCRIPTION, SIZE (IN.), NATIONAL GRID REFERENCE, SAP ID NUMBER. Lists materials like PIPE, ELBOW, REDUCER, COUPLING, VALVE, SADDLE, etc.

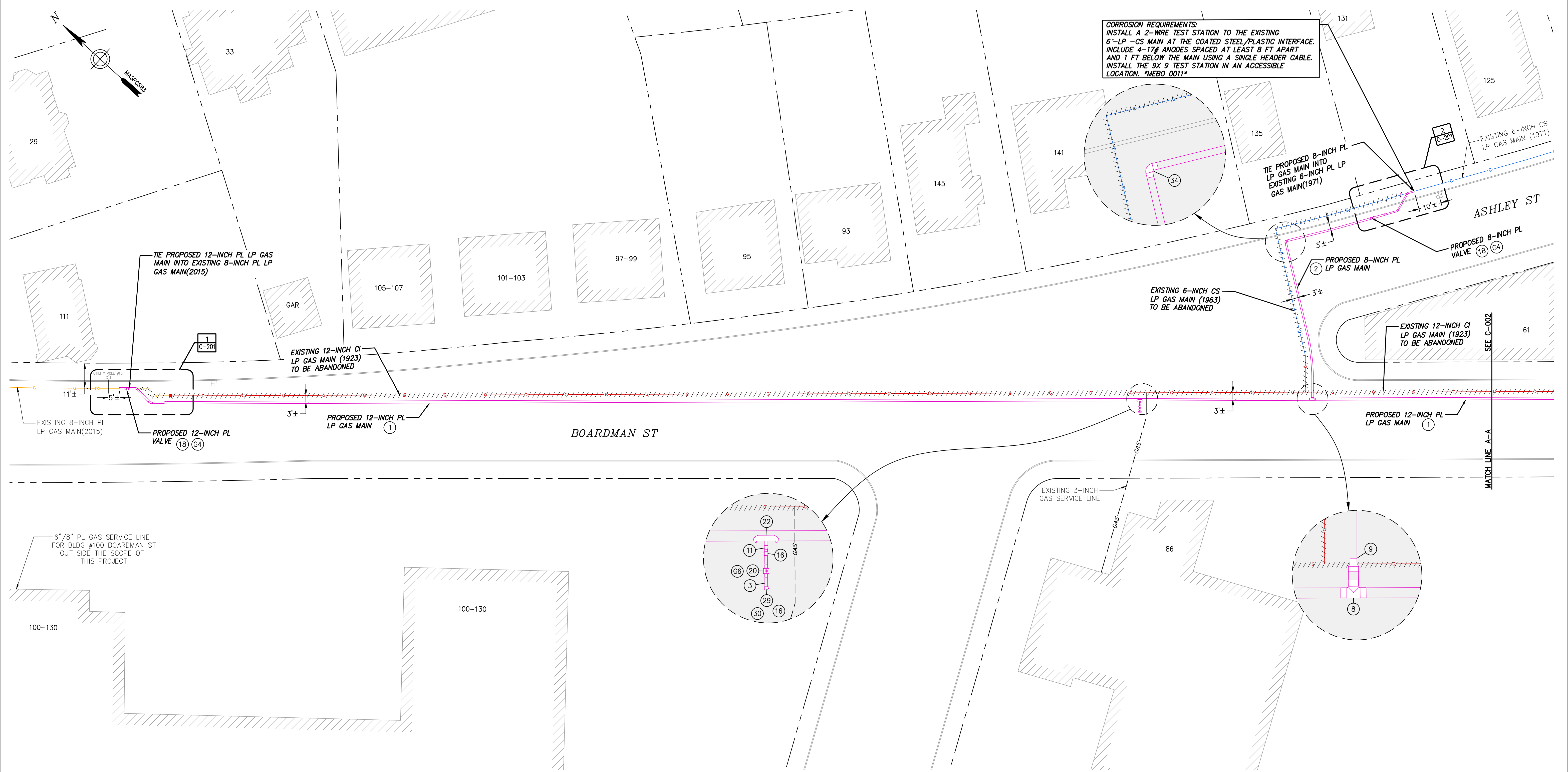
CHA logo and seal, BOSTON GAS COMPANY logo, nationalgrid logo, and a table with columns: NO., DESCRIPTION, DATE, DR.BY, CK.BY, APP.BY. Includes a 'FINAL' stamp.

PROPOSED GAS MAIN REPLACEMENT 1-111 BOARDMAN ST & 131-135 ASHLEY ST BOSTON, MA. CONSTRUCTION NOTES AND BOM. DWG SIZE: 22"x34". DESIGNER: S.KHAFAJI. ENGINEER: C.KOLOD. DATE: 12/02/2021. ASSET I.D.: DISTRIBUTION. W.O. No.: 1350340.

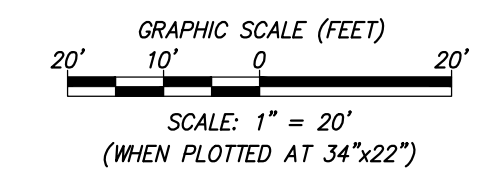
PAGE 2 OF 9. DRAWING NO. DPL-EBO-067813-1042. SHEET NO. G-002.



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LEGEND	
	- EXISTING GAS CAP
	- EXISTING GAS TRANSITION FITTING
	- EXISTING GAS REDUCER
	- EXISTING GAS VALVE
	- PROPOSED GAS CAP
	- PROPOSED GAS TRANSITION FITTING
	- PROPOSED GAS REDUCER
	- PROPOSED GAS VALVE
	- BUILDING LINE
	- PROPERTY LINE
	- RIGHT OF WAY LINE
	- EDGE OF PAVEMENT
	- CURB LINE
	- EXISTING CS GAS MAIN
	- EXISTING PL GAS MAIN
	- EXISTING CI GAS MAIN
	- EXISTING GAS MAIN TO BE ABANDONED
	- PROPOSED GAS LINE
	- EXISTING MWRA SEWER LINE



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12/2/2021  
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BOSTON GAS COMPANY  
 d/b/a  
**nationalgrid**  
 40 SYLVAN ROAD  
 WALTHAM, MA 02451

**FINAL**

PROPOSED GAS MAIN REPLACEMENT  
 1-111 BOARDMAN ST & 131-135 ASHLEY ST  
 BOSTON, MA

**PROPOSED INSTALLATION PLAN**

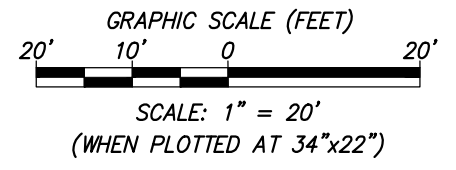
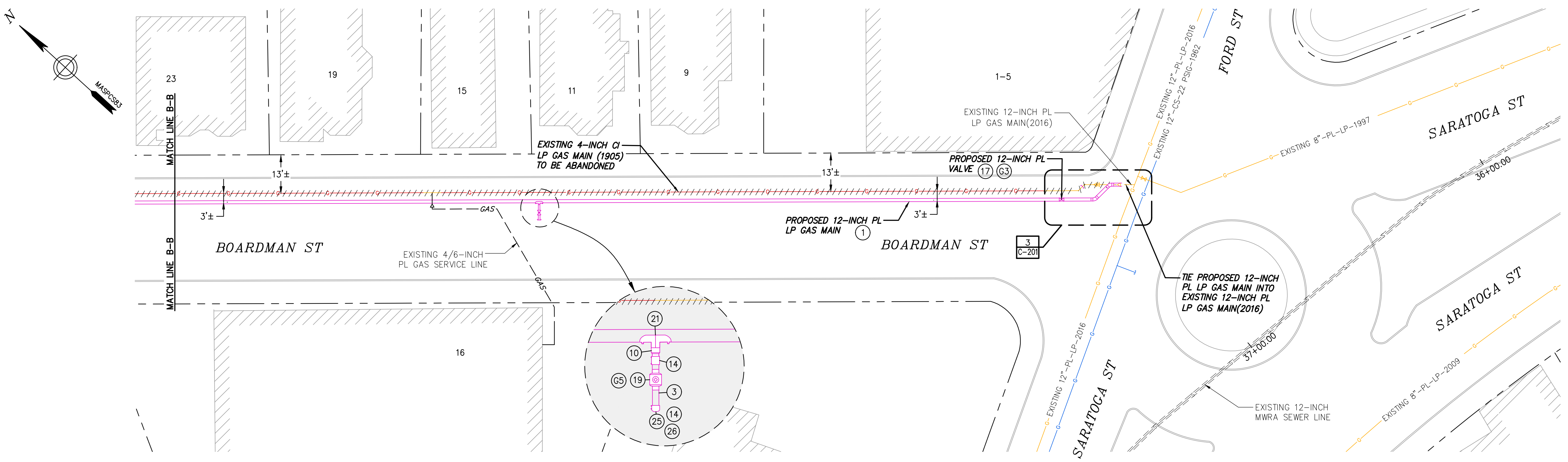
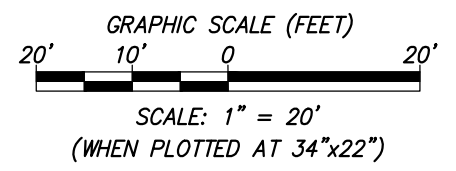
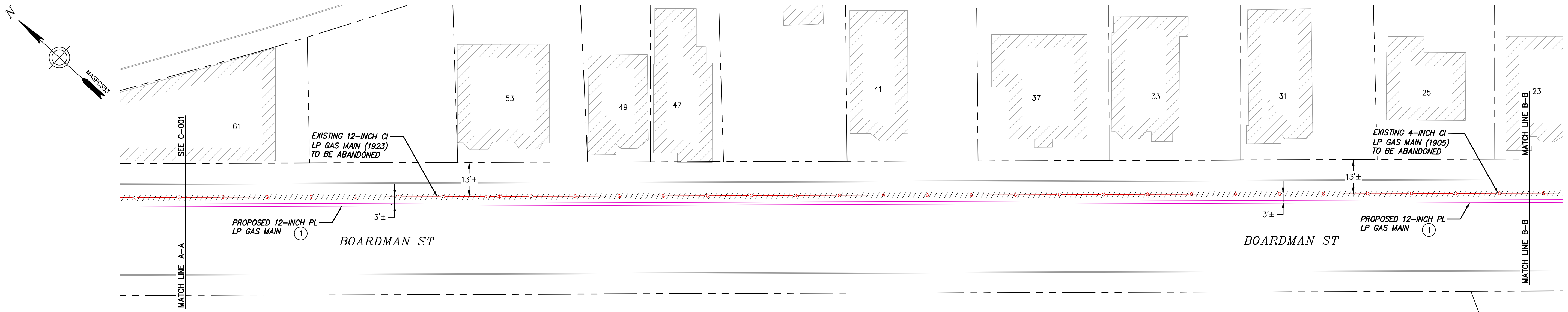
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22"x34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340

PAGE 3 OF 9

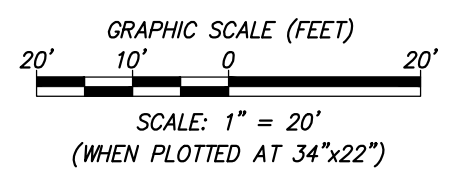
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DPL-EBO-067813-1042	C-001

**NOTES:**  
 -PROPOSED WORK IS LOCATED WITH IN 100 FEET OF WETLANDS AND/ORBODIES OF WATER/ WITH IN 200 FEET OF A RIVER OR A STREAM (\*25 FEET IN BOSTON, BROCKTON, CAMBRIDGE, CHELSEA, EVERETT, FALL RIVER, LAWRENCE, LOWELL, MALDEN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, WINTHROP OR WORCESTER)/ WITH IN A FLOODPLAIN.  
 -ENVIRONMENTAL PERMIT AND/OR THE USE OF ENVIRONMENTAL BMPS MAY BE REQUIRED.  
 SEE ENVIRONMENTAL MEMO FOR DETAILS.  
 -CONTACT&R BEFORE WORKING WITH IN 200 FEET OF A REGULATORSTATION BEFORE DOING TIE-IN, CONTACT OPERATIONS ENGINEERING, I&R, AND GAS CONTROL REGARDING POTENTIAL NEED TO SHUT DOWN THE STATION.





LEGEND	
	- EXISTING GAS CAP
	- EXISTING GAS TRANSITION FITTING
	- EXISTING GAS REDUCER
	- EXISTING GAS VALVE
	- PROPOSED GAS CAP
	- PROPOSED GAS TRANSITION FITTING
	- PROPOSED GAS REDUCER
	- PROPOSED GAS VALVE
	- BUILDING LINE
	- PROPERTY LINE
	- RIGHT OF WAY LINE
	- EDGE OF PAVEMENT
	- CURB LINE
	- EXISTING CS GAS MAIN
	- EXISTING PL GAS MAIN
	- EXISTING CI GAS MAIN
	- EXISTING GAS MAIN TO BE ABANDONED
	- PROPOSED GAS LINE
	- EXISTING MWRA SEWER LINE



**NOTES:**  
 -PROPOSED WORK IS LOCATED WITH IN 100 FEET OF WETLANDS AND/ORBODIES OF WATER/ WITH IN 200 FEET OF A RIVER OR A STREAM (\*25 FEET IN BOSTON, BROCKTON, CAMBRIDGE, CHELSEA, EVERETT, FALL RIVER, LAWRENCE, LOWELL, MALDEN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, WINTHROP OR WORCESTER)/ WITH IN A FLOODPLAIN.  
 -ENVIRONMENTAL PERMIT AND/OR THE USE OF ENVIRONMENTAL BMPS MAY BE REQUIRED.  
 SEE ENVIRONMENTAL MEMO FOR DETAILS.  
 -CONTACT I&R BEFORE WORKING WITH IN 200 FEET OF A REGULATOR STATION BEFORE DOING TIE-IN, CONTACT OPERATIONS ENGINEERING, I&R, AND GAS CONTROL REGARDING POTENTIAL NEED TO SHUT DOWN THE STATION.

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0	ISSUED FOR CONSTRUCTION	12/02/2021	SK	CEK	GWP

BOSTON GAS COMPANY  
 d/b/a  
**nationalgrid**  
 40 SYLVAN ROAD  
 WALTHAM, MA 02451

**FINAL**

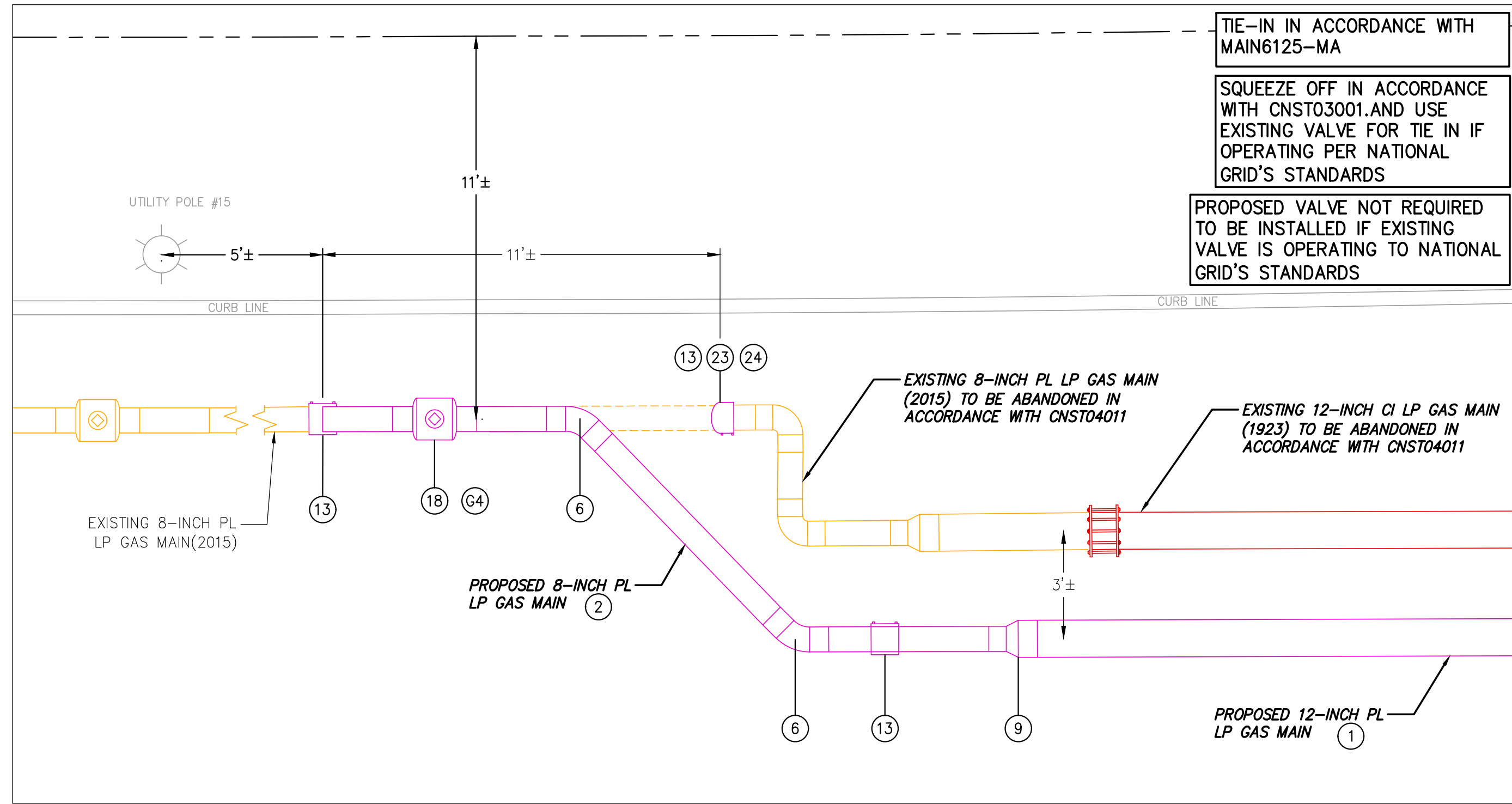
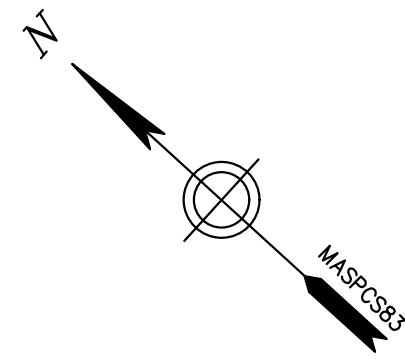
PROPOSED GAS MAIN REPLACEMENT  
 1-111 BOARDMAN ST & 131-135 ASHLEY ST  
 BOSTON, MA

**PROPOSED INSTALLATION PLAN**

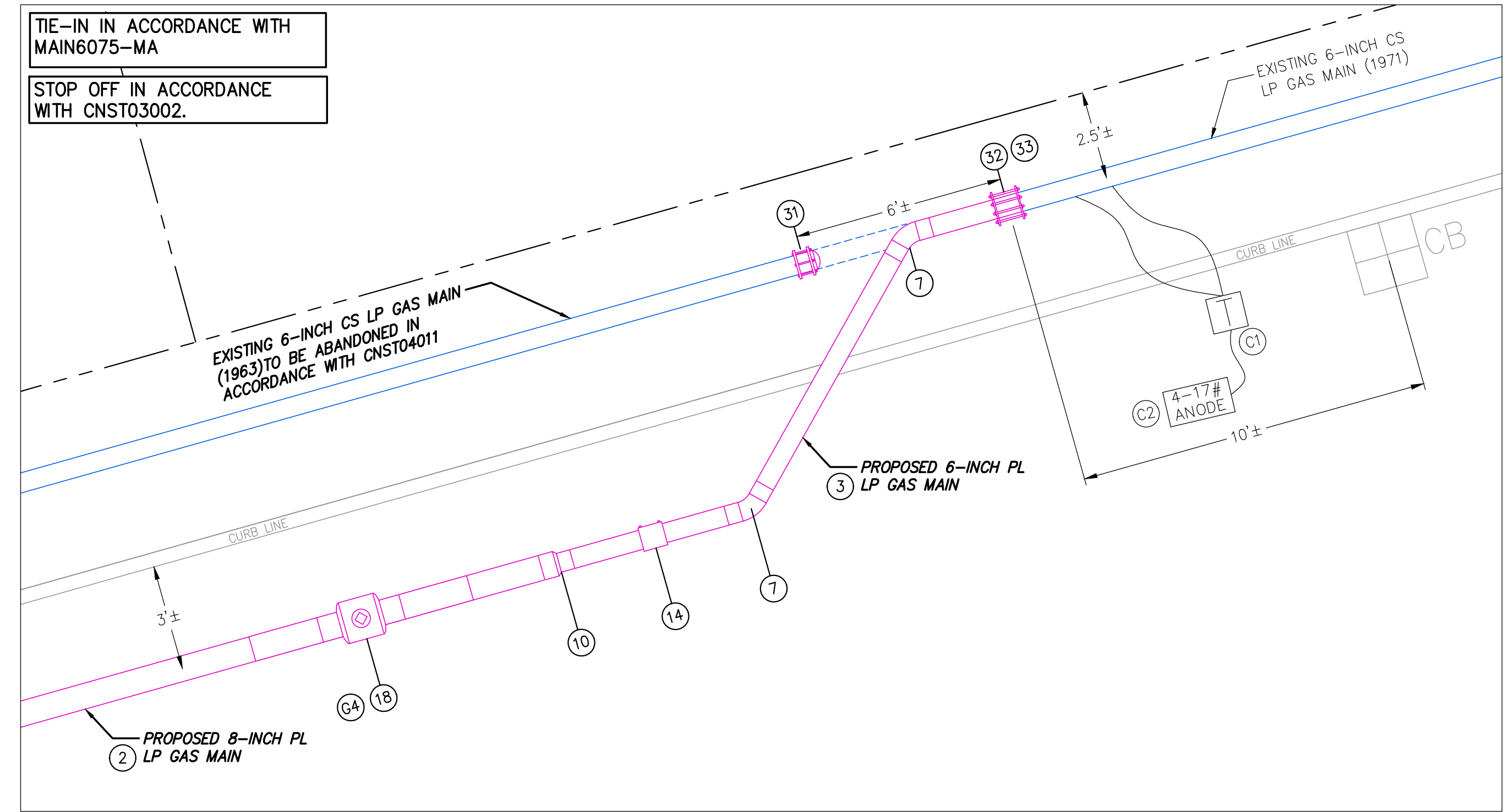
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22"x34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340

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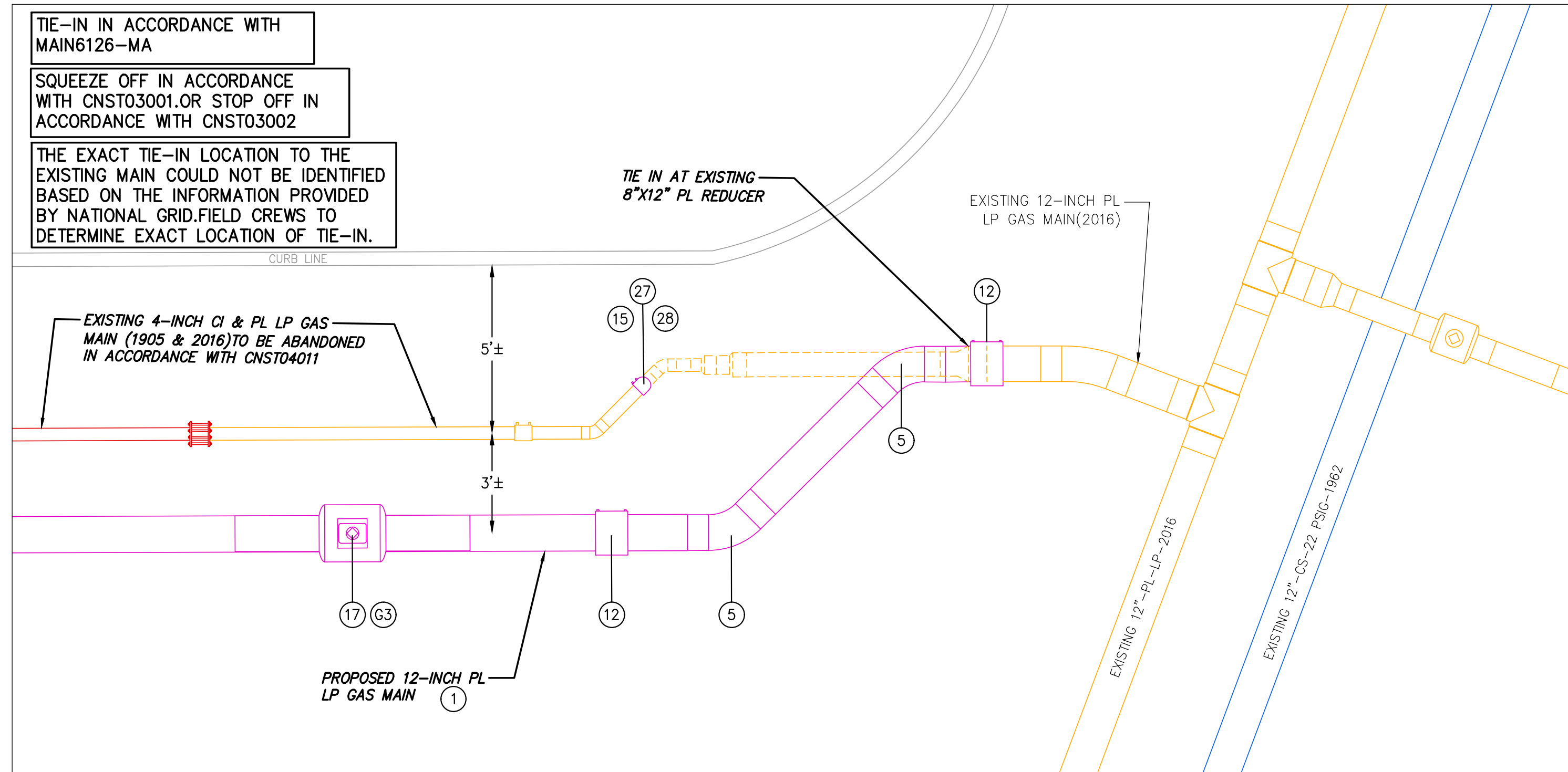
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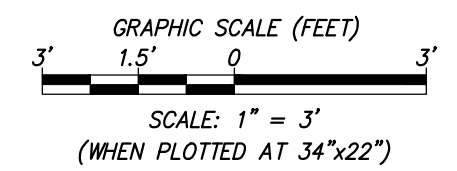
**1** PROPOSED TIE-IN AT #111 BOARDMAN ST  
SCALE: 1"=3'



**2** PROPOSED TIE-IN AT #131 ASHLEY ST  
SCALE: 1"=3'



**3** PROPOSED TIE-IN BOARDMAN ST AT FORD ST  
SCALE: 1"=3'



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PROPOSED GAS MAIN REPLACEMENT  
1-111 BOARDMAN ST & 131-135 ASHLEY ST  
BOSTON, MA

**PROPOSED TIE-IN DETAILS**

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22"x34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340

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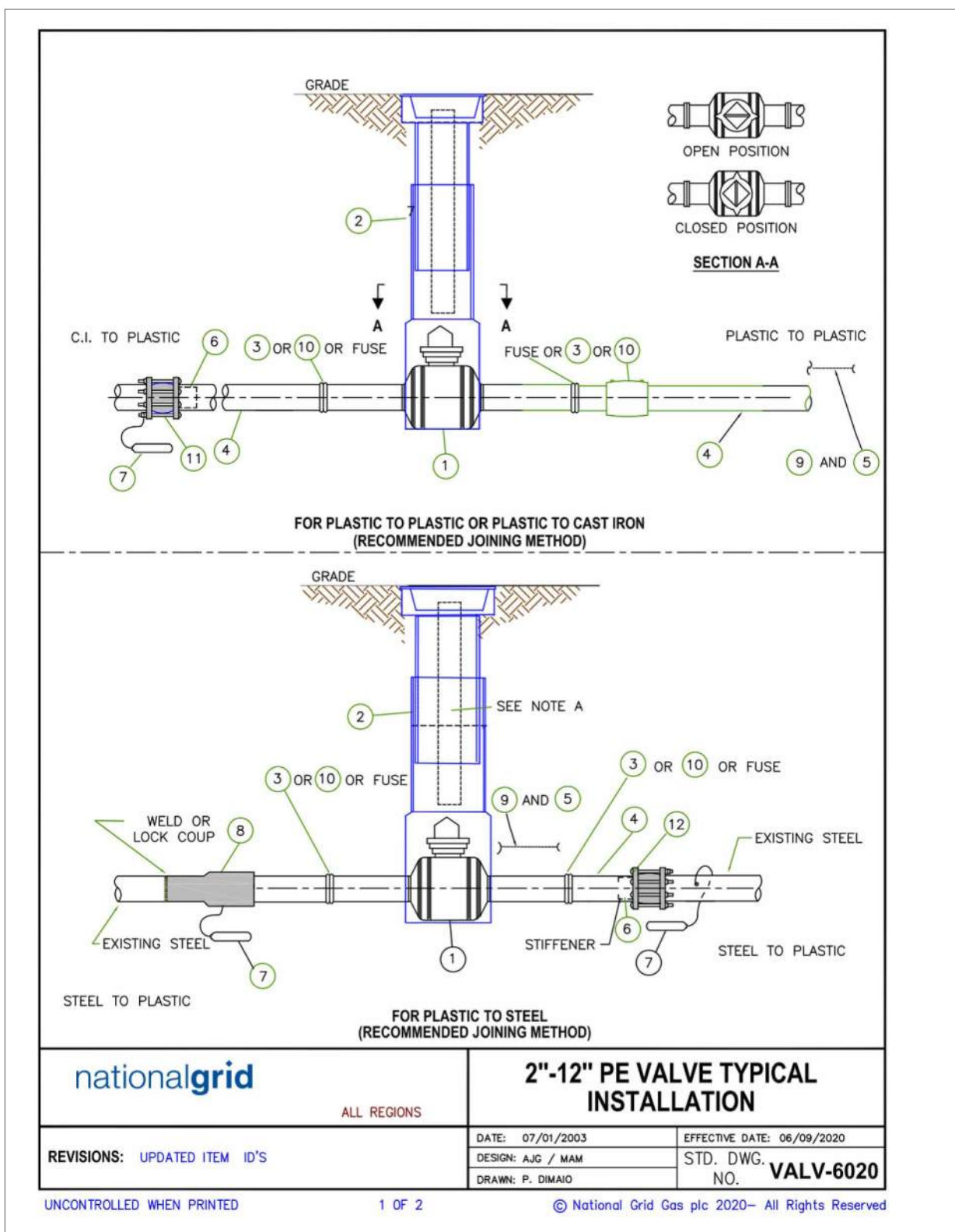
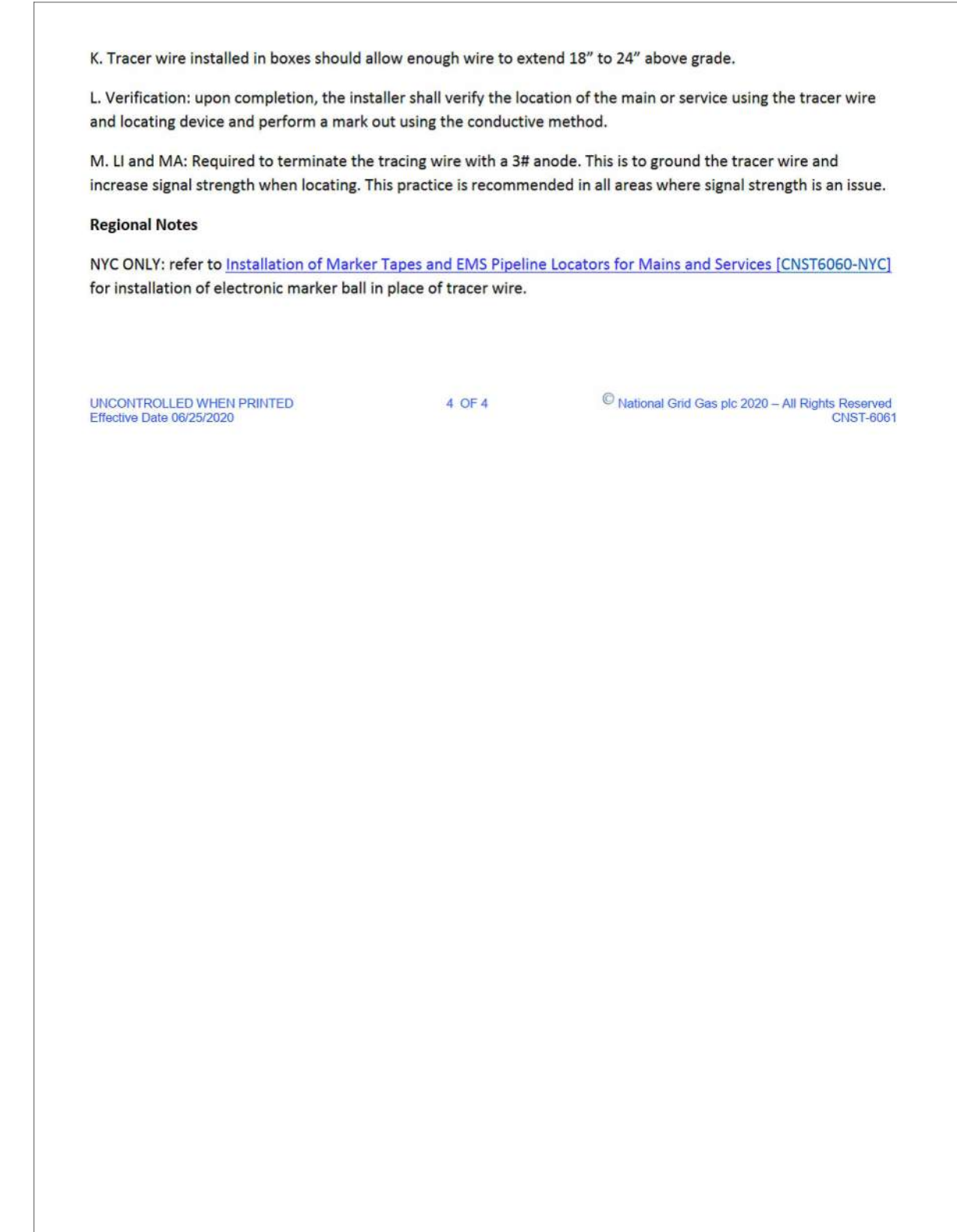
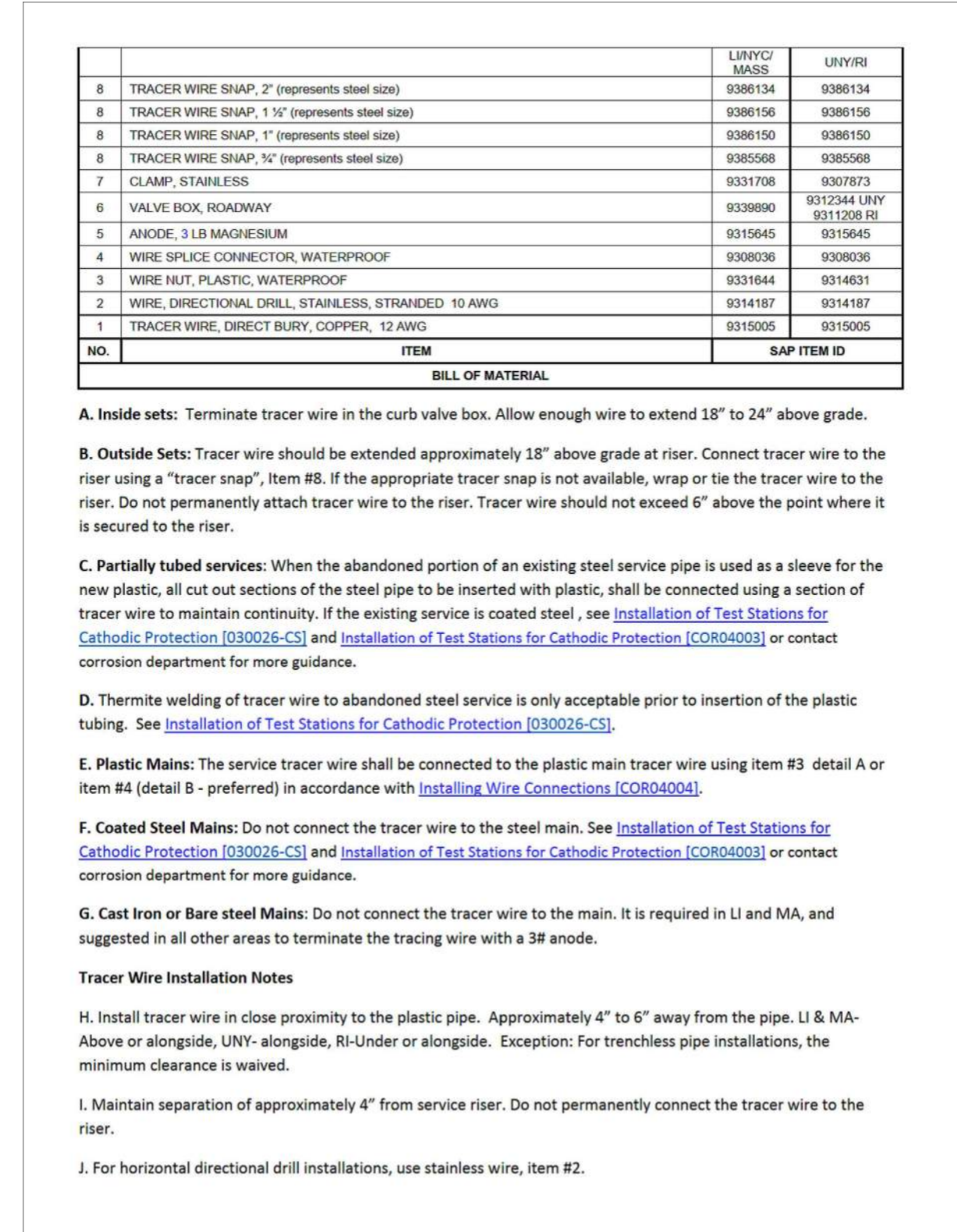
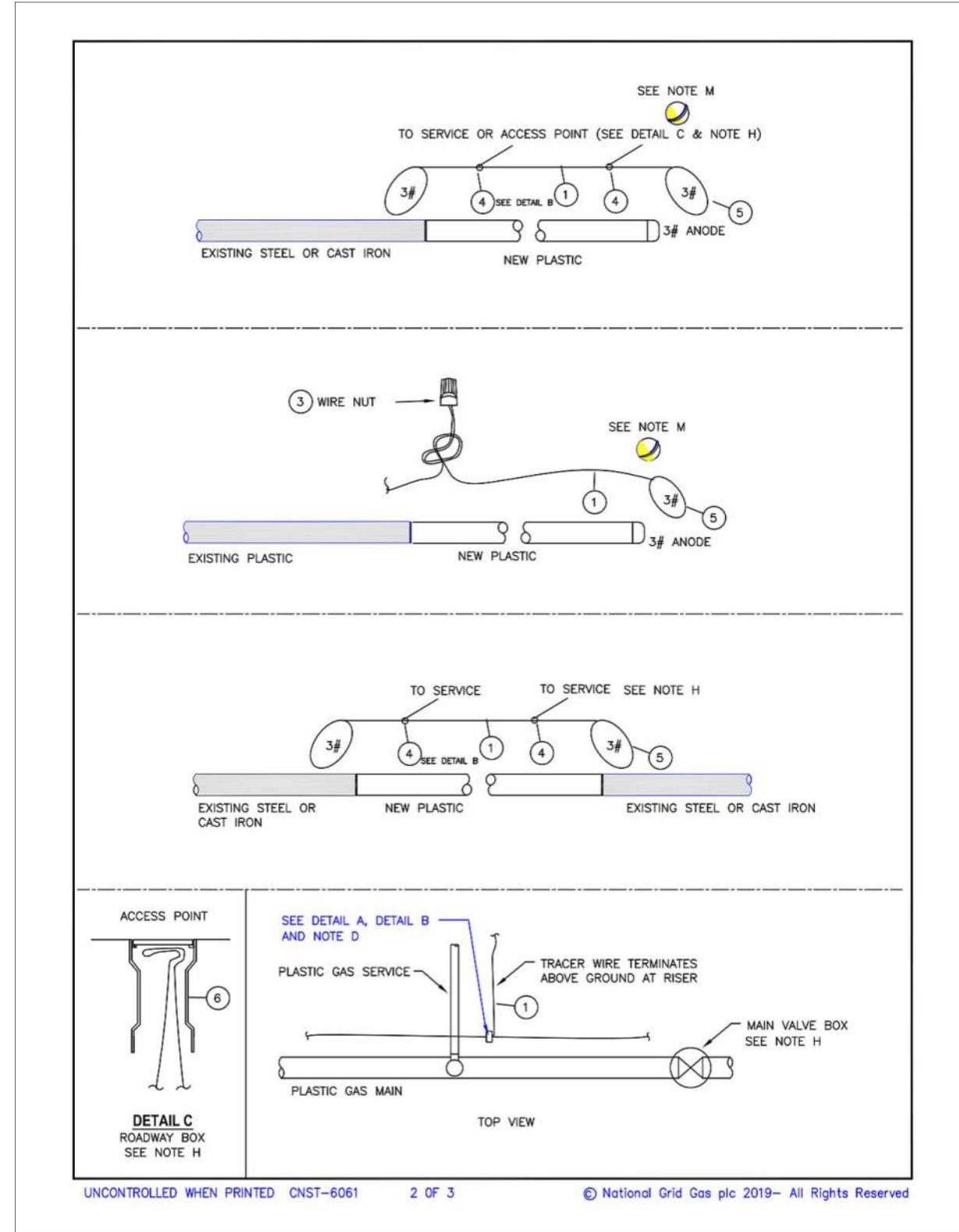
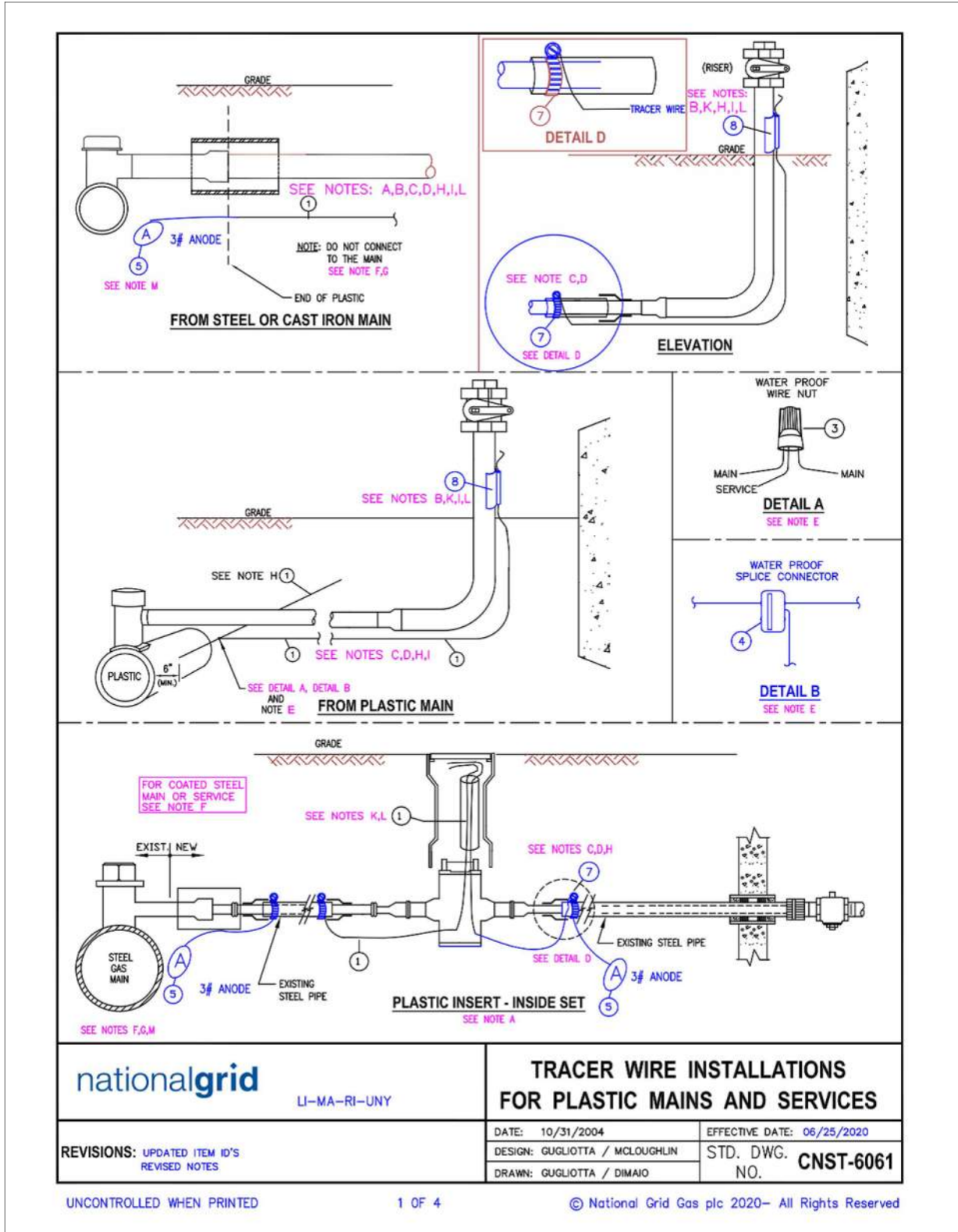








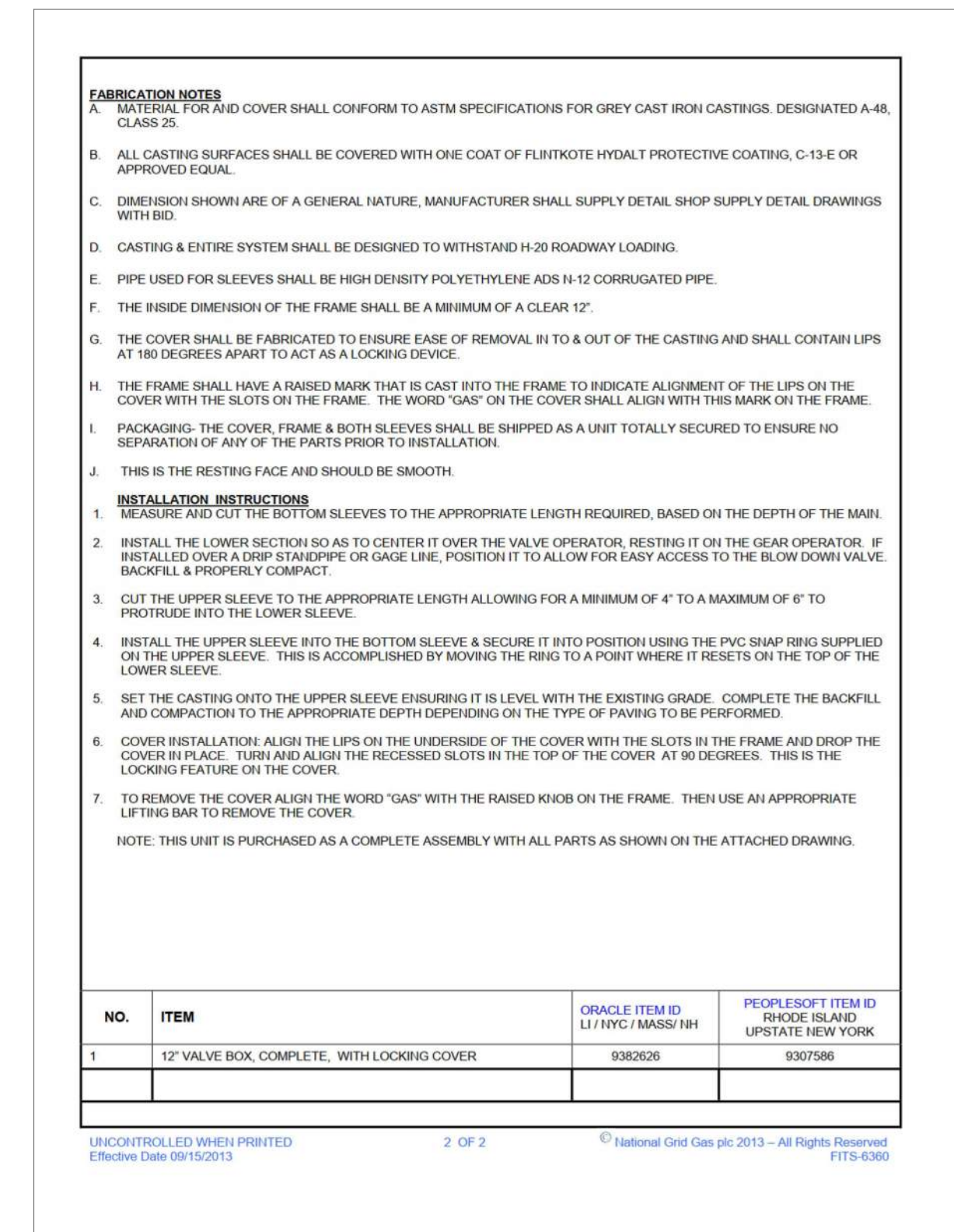
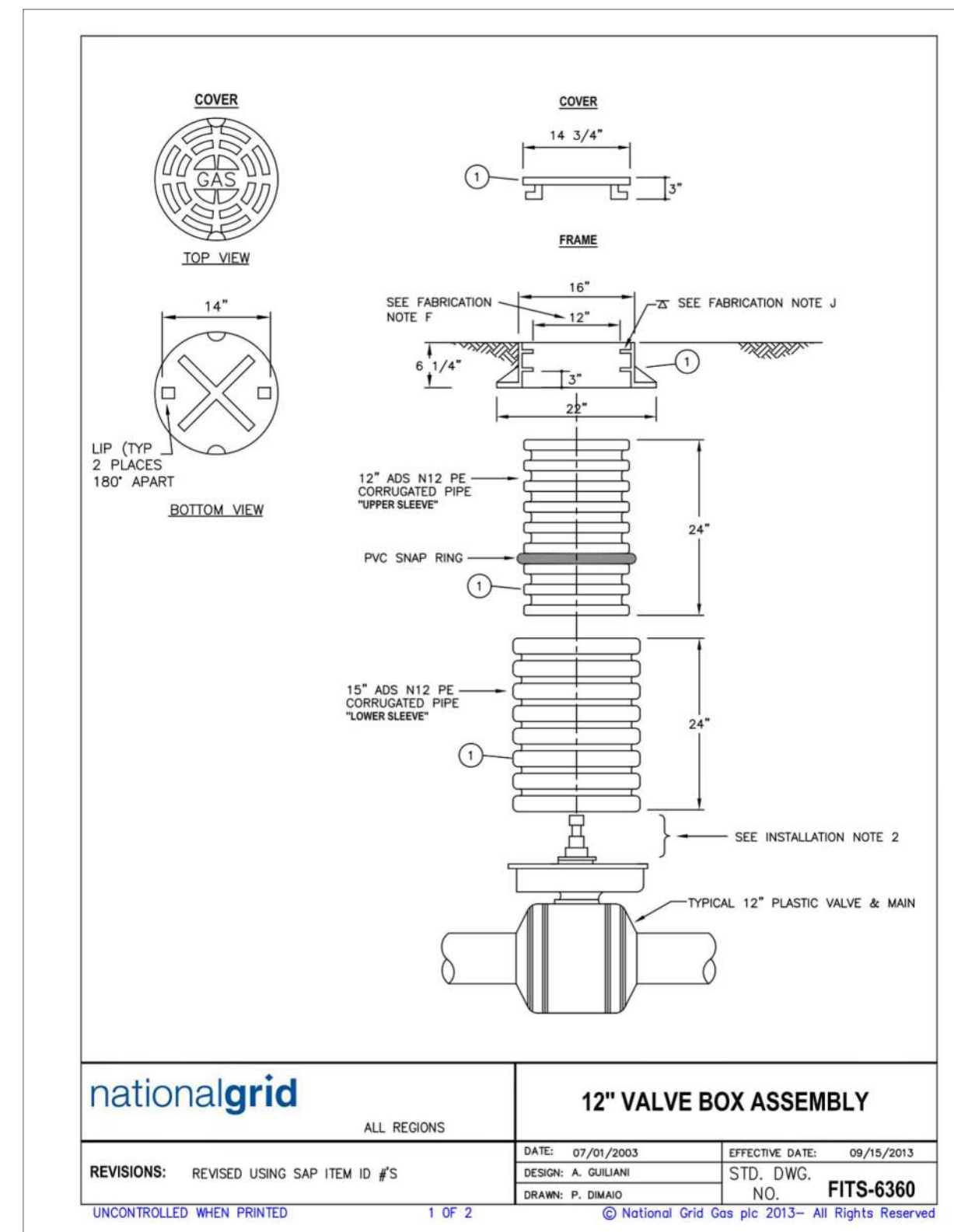




**NOTES:**  
A. IN UNY LI REGION, INSTALL A LENGTH OF 2" DIAMETER PE OR SMALLER TUBING IN THE VALVE BOX TO IDENTIFY THE VALVE AS PLASTIC.  
B. INSTALL TRACER WIRE OR BALL MARKERS AS REQUIRED IN YOUR REGION FOR PE INSTALLATIONS.  
C. NOT USED ON THE DRY LI 99 & 124 PSI SYSTEM.  
D. REFER TO REGIONAL STANDARDS FOR MATERIALS, IDS NOT GIVEN BELOW.

	SAP ID	SAP ID	SAP ID
1	UNY AND RI	LI ONLY	LI, NYC AND NE
	LP TO 100 PSIG HD	99 AND 124 PSIG HD	LP TO 60 PSIG MEDIUM DENSITY
	931203 12" DR 11 FULL PORT W/ GEAR OPERATOR RI ONLY	934706 8" RED PORT DR 9	934704 12" FULL PORT DR 13.5
	930709 12" DR 13.5 FULL PORT W/ GEAR OPER UNY ONLY	934705 6" RED PORT DR 9	938654 8" FULL PORT DR 13.5
	931175 8" DR 11 FULL PORT RI ONLY	932652 8" FULL PORT DR 11.5	934700 4" RED PORT DR 11.5
	931216 8" DR 11 FULL PORT	934709 4" FULL PORT DR 11.5	932320 3" FULL PORT DR 11
	931205 4" DR 11 FULL PORT UNY ONLY	934724 2" FULL PORT DR 11	934178 2" FULL PORT DR 11
	931216 8" DR 11 FULL PORT	934148 8" RED PORT DR 13.5	934175 7" RED PORT DR 11.5
	931205 4" DR 11 FULL PORT	934160 4" RED PORT DR 11.5	934176 3" RED PORT DR 11
	931146 2" DR 11 FULL PORT WITH PERMASERT ENDS	934156 3" RED PORT DR 11	
2	SELECT ROADWAY VALVE BOX BELOW TO MATCH SIZED VALVE GIVEN	SELECT ROADWAY VALVE BOX BELOW TO MATCH SIZED VALVE GIVEN	SELECT ROADWAY VALVE BOX BELOW TO MATCH SIZED VALVE GIVEN
	SEE DWG FITS 6300 (FOR 12" VALVE) / (FOR 2" THRU 8" VALVE)	934706 8" RED PORT	938208 FOR 12" FULL PORT
		934705 6" RED PORT	938206 FOR 8" FULL PORT
		934709 4" RED PORT	933983 FOR 6" FULL PORT
		934169 2" FULL PORT	933982 FOR 4" FULL PORT
			933980 FOR 3" FULL PORT
			933980 FOR 2" FULL PORT
		933983 FOR 8" RED PORT	
		933982 FOR 6" RED PORT	
		933981 FOR 4" RED PORT	
	933881 FOR 3" RED PORT		
3	COUPLING ELECTROFUSE		
4	PLASTIC PIPE		
5	BURSAL TAPE		
6	INSERT STIFFENER (SEE NOTE C)		
7	ANODE, 17 LB		
8	TRANSITION FITTING STL TO PE		
9	TRACER WIRE OR (BALL MARKER IF USED BY REGION)		
10	COUPLING 2" PERFECTION PERMASERT (SEE NOTE C)		
11	COUPLING, PE TO CL, LOCKING INSULATING, MECHANICAL		
12	COUPLING, PE TO STL, LOCKING, NON-INSULATING MECHANICAL (SEE NOTE C)		

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NATIONAL GRID CONSTRUCTION DETAILS  
\*THIS DRAWING DEPICTS TYPICAL NATIONAL GRID STANDARDS AND IS PROVIDED FOR THIS PROJECT ONLY

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40 SYLVAN ROAD  
WALTHAM, MA 02451

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PROPOSED GAS MAIN REPLACEMENT  
1-111 BOARDMAN ST & 131-135 ASHLEY ST  
BOSTON, MA

**NATIONAL GRID STANDARD CONSTRUCTION DETAILS**

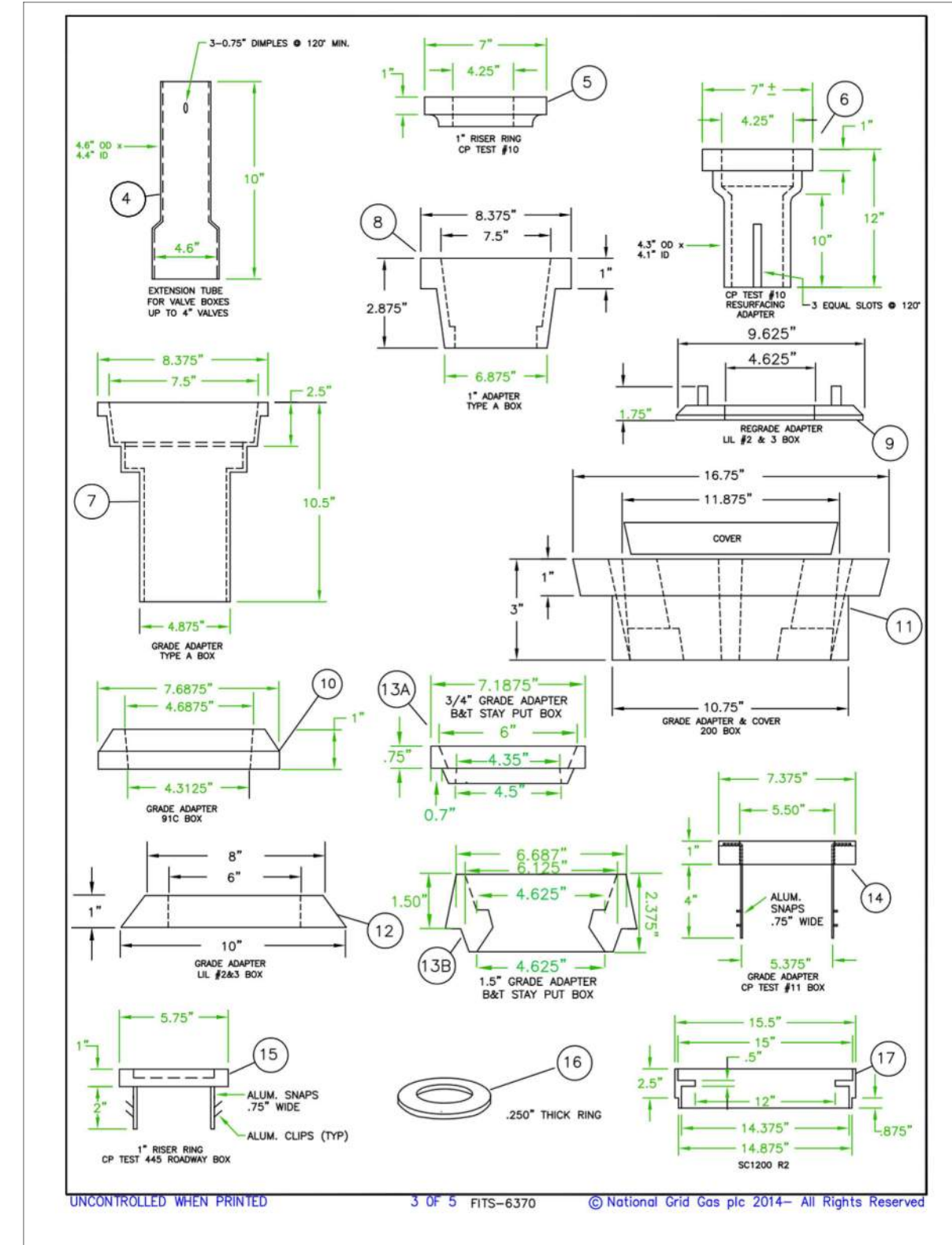
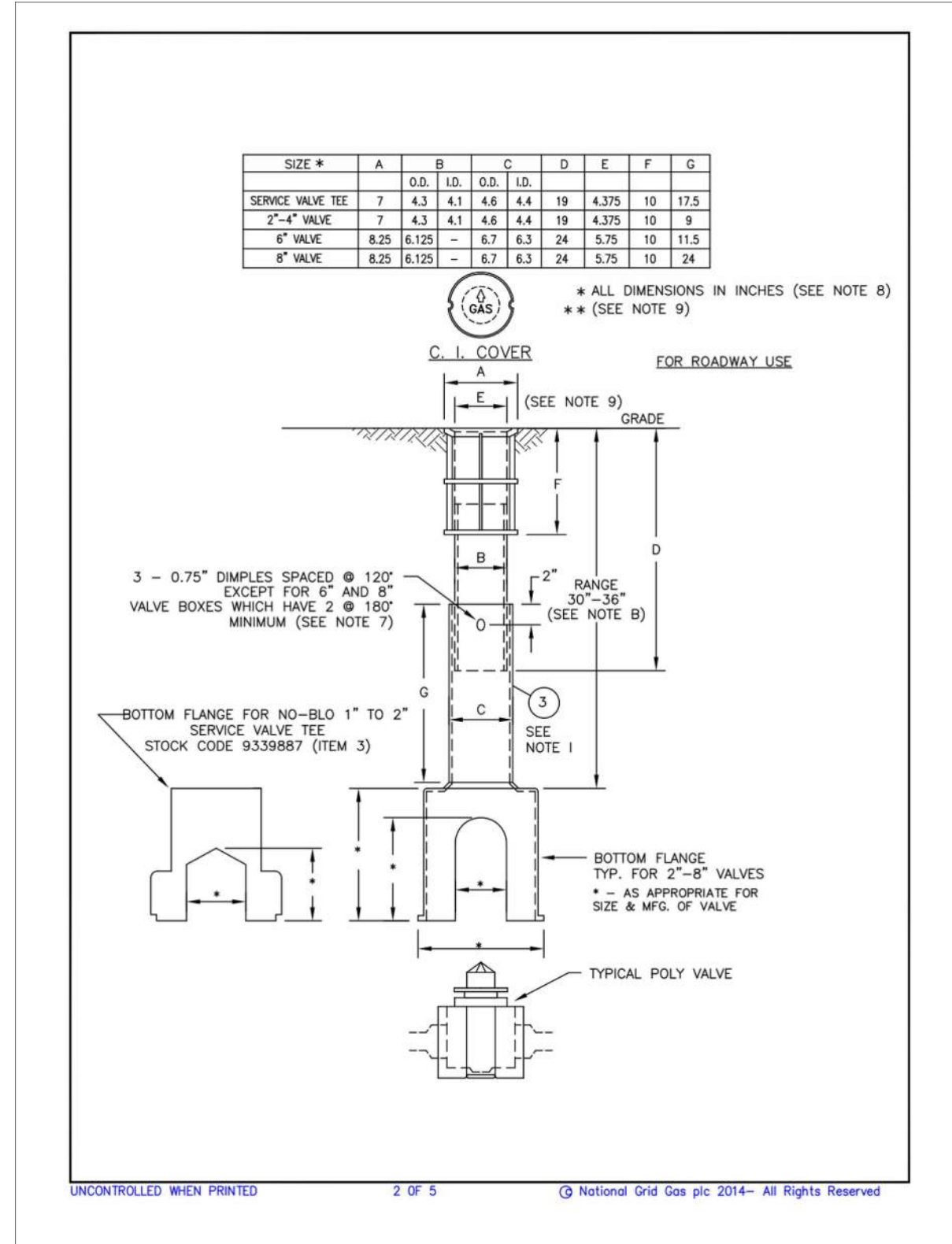
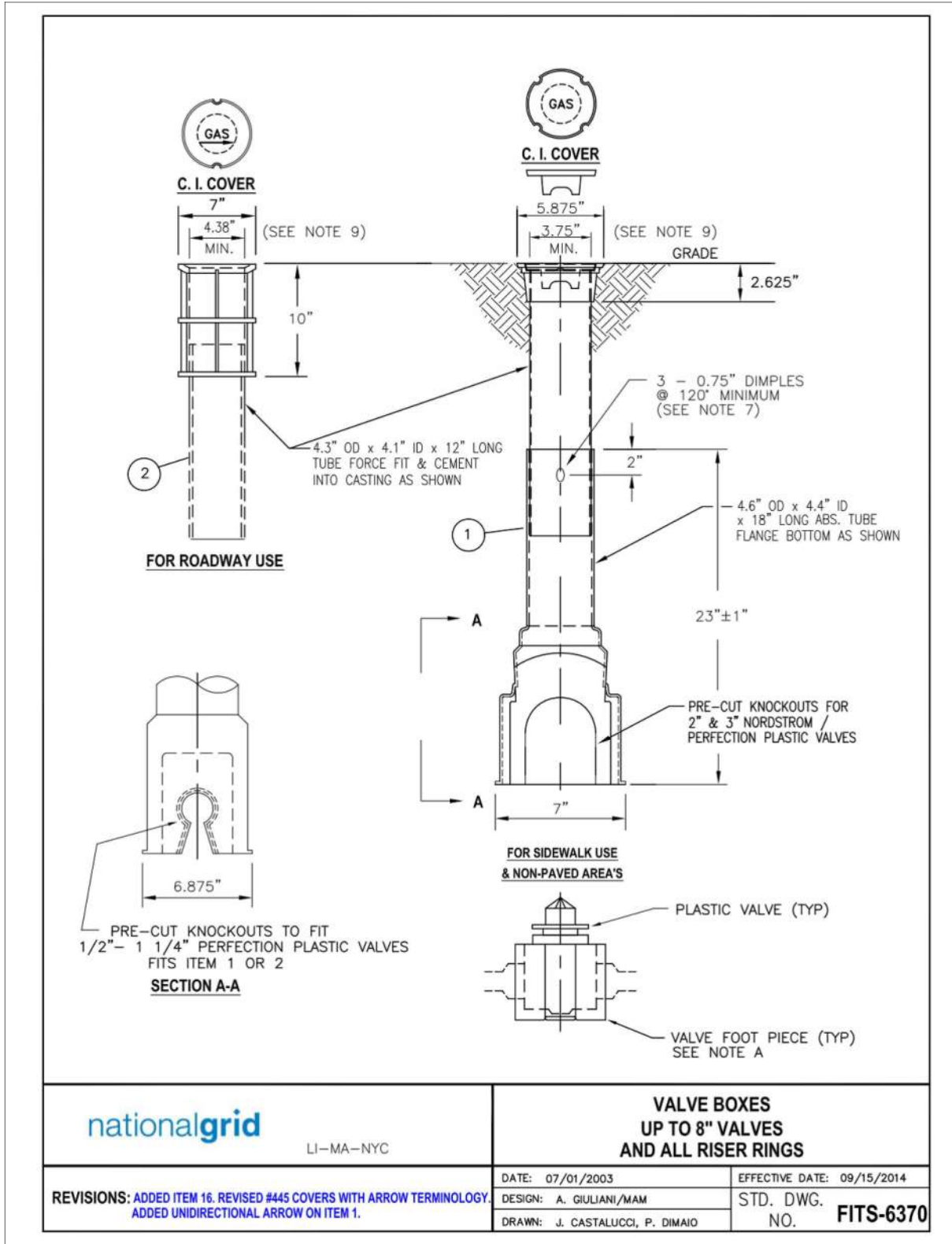
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22"X34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340

PAGE 8 OF 9

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**INSTALLATION NOTES:**

- VALVE FOOT PIECE TO BE INSTALLED AROUND THE VALVE THEN INSERTED INTO THE BOTTOM FLANGE OF THE VALVE BOX.
- THE RANGE OF THE VALVE BOX FROM TOP OF GRADE TO TOP OF VALVE, IS 24" TO 38". FOR DEEPER VALVES USE EXTENSION TUBE STOCK CODE 0038023.
- THESE BOXES CAN ALSO BE USED WITH THE APPROPRIATE SIZE STEEL VALVE. IF USED WITH A STEEL VALVE THE VALVE FOOT PIECE IS NOT TO BE USED. HOWEVER, PRIOR TO BACKLOGGING INSTALL THE LOWER PORTION OF THE VALVE KEY ON THE VALVE OPERATING NUT. THEN PLACE THE LOWER SECTION OF THE BOX ON THE VALVE. WHEN THE BOTTOM SECTION IS BACKLOGGED TO WITHDRAW FROM ITS TOP REMOVE THE VALVE KEY & INSTALL THE TOP SECTION OF THE BOX.
- ITEM 2 SHALL ONLY BE USED BY SIDEWALK AND NON-PAVED, NON TRAFFIC AREA EXCEPT DRIVEWAYS.
- USE ITEM 1 ON MAIN LINE VALVES INSTALLED IN PAVED AND NON PAVED AREAS.
- AFTER INSTALLATION OF MAIN LINE VALVE & BOX NOTIFY GSO OF COMPLETION.

**MANUFACTURING NOTES:**

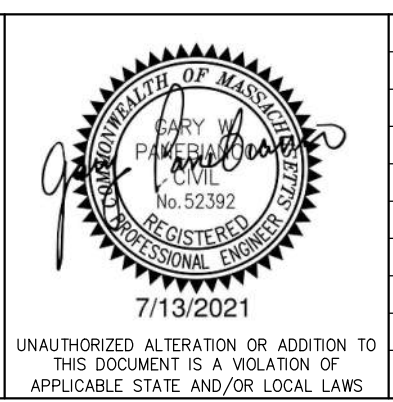
- ALL TOPS & BOTTOMS SHALL BE INTERCHANGEABLE.
- THE TOP OF THE BOX ASSEMBLY SHALL BE FABRICATED SO AS TO FIT INSIDE THE BOTTOM SECTION.
- MATERIAL SHALL CONFORM TO ASTM SPECIFICATIONS FOR GREY CAST IRON CASTINGS, DESIGNATED A48, CLASS 25.
- COVER SHALL CREATE A TIGHT FIT WITH TOP OF CASTING TO PREVENT RATTLING. FOR CODES 0038054 & 0038055 COVER SHALL BE OF VENTED DESIGN. FOR OTHER STOCK COVERS THE COVER SHALL INCLUDE A DIRECTIONAL ARROW. THIS SHALL BE DESIGNED TO ALLOW THE ARROW TO BE POSITIONED AT 60 INTERVALS.
- ALL SURFACES SHALL BE COVERED WITH ONE COAT OF FLINTKOTE HYDALT PROTECTIVE COATING, C-13-E OR APPROVED EQUAL.
- THE PLASTIC USED FOR THE TUBES SHALL BE PROTECTED FROM UV RAYS & AND HAVE THE PROPER INHIBITORS TO PROTECT FROM BRITTLINESS AT ZERO DEGREE.
- DIMPLES SHALL BE FORMED SO AS TO EXERT ENOUGH PRESSURE ON INNER TUBE TO SUPPORT ENTIRE ASSEMBLY IN EXTENDED POSITION.
- DIMENSIONAL TOLERANCES: MANUFACTURE SHALL ADHERE TO THE FOLLOWING DIMENSIONAL TOLERANCES ALL PLASTIC TUBING SHALL BE +/- 0.015" TO THOSE SHOWN ON THE DRAWING. ALL CASTINGS SHALL BE MANUFACTURED TO WITHIN +/- 0.002" TO THE DIMENSIONS SHOWN ON THE DRAWING.
- DIMENSIONS SHALL BE CONSISTENT THROUGHOUT THE CASTING.
- TOP SECTION OF VALVE BOX SHALL HAVE THE PLASTIC TUBE FORCED FIT AND CEMENTED INTO THE CASTING. THIS JOINT SHALL BE CAPABLE OF WITHSTANDING A PULL OUT FORCE OF 20 POUNDS.
- MANUFACTURER SHALL SUBMIT SAMPLES TO THE ENGINEER FOR APPROVAL PRIOR TO BID ACCEPTANCE.
- STREET BOXES SHALL BE DESIGNED TO HANDLE TO AN H-20 ROADWAY LOADING.
- TOP FLANGE OF ROADWAY BOX SHALL BE FLAT AND WIDE ENOUGH TO ACCOMMODATE A 3/8" METAL NUMBER STAMP EMBEDDED INTO THE CASTING BY CKD IN THE FIELD.
- THE VALVE FOOT PIECE SHALL BE DESIGNED TO FIT THE FOLLOWING MANUFACTURERS VALVES:  
 1" - 1 1/2" PERFECTION  
 2" - NORDSTROM OR PERFECTION UNIVERSAL FOOT PC FOR BOTH MFG.  
 4" - 6" NORDSTROM

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NO.	ITEM	N.G. CODE No.
16	PENTAGON KEY FOR ITEMS 8B AND 11B (NOT SHOWN)	9354644
17	2" REGRADE ADAPTER FOR 12" LOCKING BOX SC1200 R2	9384175
18	VALVE BOX ADAPTER RING, 1/4" BUCH THICK X 7/8" INCH I.D. X 10-12 IN O.D. FLAT RING TO RAISE OLD LEGACY OBSOLETE LILCO ROUND CASTINGS	9355359
15	ONE HIGH GRADE ADAPTER & COVER FOR CP TEST#445 ROADWAY BOX - HH ONLY	9330913
14	REPLACEMENT COVER FOR LIL #2 BOX - LI ONLY	9339829
13A	COVER MARKED "GAS" FOR 445 BOX (WITH UNIDIRECTIONAL ARROW)	9339828
13B	COVER MARKED "GAS" FOR 445 BOX (WITHOUT UNIDIRECTIONAL ARROW)	9388593
13C	COVER MARKED "GAS" FOR 4" STAY PUT BOX - NYV ONLY	9339759
13D	COVER MARKED "GAS" FOR #11B BOX	9339856
13E	COVER MARKED "GAS" FOR #10 BOX RESURFACE REPAIR, SLEEVE RING	9339762
14	1" REGRADE ADAPTER WITH COVER FOR CP TEST # 11B BOX - SEE NOTE B	9382811
13A	1/2" REGRADE ADAPTER FOR B&T STAY PUT SERVICE BOX WITH SLOTS - NYV ONLY	9339890
13B	1/2" REGRADE ADAPTER FOR B&T STAY PUT SERVICE BOX WITH SLOTS - NYV ONLY	9339725
12	1" REGRADE ADAPTER FRAME FOR THE LIL # 2 & 3 VALVE BOX.	9339859
*	COVER FOR ABOVE (NOT SHOWN) - LI ONLY	9339860
11B	COVER, REPLACEMENT, LOCKING, MARKED "GAS" FOR EXISTING LOCK TYPE 200 BOX, WITH PENTHEAD BOLT - LI ONLY (NOT SHOWN)	9384338
11A	COVER, REPLACEMENT, NON-LOCK, MARKED "GAS" FOR EXISTING NON-LOCK TYPE 200 BOX - LI ONLY (NOT SHOWN)	9339798
11	1" REGRADE ADAPTER FRAME & COVER FOR 200 VALVE BOX - LI ONLY	9339826
*	2-1/2" REGRADE ADAPTER FOR 200 VALVE BOX, FITS EXISTING COVER, (NOT SHOWN) - LI ONLY	9339799
10	1" REGRADE ADAPTER & COVER FOR 91C BOX - LI ONLY	9339761
9	1 1/2" REGRADE ADAPTER FOR LIL 2&3 BOX - LI ONLY	9339758
8B	COVER, REPLACEMENT, LOCKING, MARKED "GAS" FOR 7-1/2" EXISTING TYPE "A" LOCK VALVE BOXES, WITH PENTHEAD BOLT - LI ONLY (NOT SHOWN)	9339760
8A	COVER, REPLACEMENT, MARKED "GAS" FOR 7-1/2" EXISTING TYPE "A" NON-LOCK VALVE BOXES AND ALL TYPE "A" ADAPTER RINGS - LI ONLY (NOT SHOWN)	9384430
8	1" REGRADE ADAPTER FOR TYPE "A" VALVE BOX, FITS EXISTING COVER - LI ONLY	9339827
7	2-1/2" REGRADE ADAPTER FOR TYPE "A" VALVE BOX, 2-1/2 IN MIN TO 8 IN MAX RISE, FITS EXISTING COVER - LI ONLY	9339763
6	1" REGRADE ADAPTER RING EXTENSION WITH 10" PLASTIC SKIRT TO REPAIR TOPS OF CP TEST #10 BOX	9381407
5	1" REGRADE ADAPTER FOR CP TEST #10 BOX	9339823
4	EXTENSION TUBE - FOR CP TEST #11 BOX	9382819
3	EXTENSION TUBE - FOR CP TEST #10 BOX	9339824
*	EXTENSION TUBE, FOR CP TEST #69 BOX, 18" LONG - (NOT SHOWN) - NE ONLY	9383199
*	EXTENSION TUBE, FOR CP TEST #334 BOX, 24" LONG - (NOT SHOWN) - NE ONLY	9383198
3	ROADWAY BOX ASSEMBLY AND COVER FOR 8" POLY VALVE CP TEST #11B OR APPVD EQUAL	9339893
	ROADWAY BOX ASSEMBLY AND COVER FOR 6" POLY VALVE CP TEST #11B OR APPVD EQUAL	9339892
	ROADWAY BOX ASSEMBLY AND COVER FOR 4" POLY VALVE CP TEST #10 OR APPVD EQUAL	9339891
	ROADWAY BOX ASSEMBLY AND COVER FOR 2" AND 7" POLY VALVES CP TEST #10 OR APPVD EQUAL	9339890
	ROADWAY BOX ASSEMBLY AND COVER FOR 1-2" MUELLER SERVICE VALVE TEE CP TEST #10 OR APPVD EQUAL	9339887
2	ROADWAY SERVICE BOX AND COVER FOR 1/2" TO 1" PLASTIC VALVE NE ONLY CP TEST #10 OR APPVD EQUAL	9362767
1	SIDEWALK VALVE BOX ASSEMBLY AND UNIDIRECTIONAL ARROW COVER FOR 1/2" TO 1 1/2" PLASTIC VALVES CP TEST #445 OR APPROX EQUAL	9339888
	SIDEWALK VALVE BOX ASSEMBLY AND UNIDIRECTIONAL ARROW COVER FOR 2" TO 3" PLASTIC VALVES CP TEST #445 OR APPROX EQUAL	9339889

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 Effective Date 09/15/2014 FITS-6370

NATIONAL GRID  
 CONSTRUCTION DETAILS  
 \*THIS DRAWING DEPICTS  
 TYPICAL NATIONAL GRID  
 STANDARDS AND IS PROVIDED  
 FOR THIS PROJECT ONLY



NO.	DESCRIPTION	DATE	DR. BY	CK. BY	APP. BY

BOSTON GAS COMPANY  
 d/b/a  
**nationalgrid**  
 40 SYLVAN ROAD  
 WALTHAM, MA 02451

**FINAL**

PROPOSED GAS MAIN REPLACEMENT  
 1-111 BOARDMAN ST & 131-135 ASHLEY ST  
 BOSTON, MA

**NATIONAL GRID STANDARD  
 CONSTRUCTION DETAILS**

DWG SIZE	DESIGNER	ENGINEER	DATE:	ASSET I.D.	W.O. NO.:
22"X34"	S.KHAFAJI	C.KOLOD	12/02/2021	DISTRIBUTION	1350340

PAGE 9 OF 9

DRAWING NO.	SHEET NO.
DPL-EBO-067813-1042	C-304



**ATTACHMENT C**  
ABUTTER INFORMATION

300-ft Abutters List

PID	FULL ADDRESS	CITY	ZIP CODE	OWNER	ADDRESSEE	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE
100526000	16 BOARDMAN ST	EAST BOSTON	02128	16 BOARDMAN STREET CONDOMINIUM TRUST		16 BOARDMAN ST	EAST BOSTON	MA	02128
101752000	WHITBY ST	EAST BOSTON	02128	16 WHITBY STREET LLC		15 CYPRESS ST STE 301	NEWTON	MA	02459
101753000	16 WHITBY ST	EAST BOSTON	02128	16 WHITBY STREET LLC		15 CYPRESS ST STE 301	NEWTON	MA	02459
101748000	WHITBY ST	EAST BOSTON	02128	29-31 BOARDMAN STREET REALTY TRUST		80 ASHLEY ST	EAST BOSTON	MA	2128
101727000	7 BOARDMAN ST	EAST BOSTON	02128	2F78 DEVELOPMENT LLC		50 FRANKLIN ST SUITE 400	BOSTON	MA	02110
101726000	2 FORD ST	EAST BOSTON	02128	2F78 DEVELOPMENT LLC		50 FRANKLIN ST SUITE 400	BOSTON	MA	02110
101800000	33 LEYDEN ST	EAST BOSTON	02128	33 LEYDEN STREET LLC		20C DELCARMINE ST SUITE 101	WAKEFIELD	MA	01880
101801000	35 LEYDEN ST	EAST BOSTON	02128	35 LEYDEN LLC	C/O 35 LEYDEN STREET LLC	1 CREST RD	WELLESLEY	MA	02482
101737000	41 BOARDMAN ST	EAST BOSTON	02128	41 BOARDMAN STREET		41 BOARDMAN ST	EAST BOSTON	MA	02128
101724000	6 FORD ST	EAST BOSTON	02128	6-8 FORD STREET LLC		164 COURT RD	WINTHROP	MA	02152
101723000	8 FORD ST	EAST BOSTON	02128	6-8 FORD STREET LLC		164 COURT RD	WINTHROP	MA	02152
101792000	95 BOARDMAN ST	EAST BOSTON	02128	95 BOARDMAN STREET CONDOMINIUM TRUST		95 BOARDMAN ST	EAST BOSTON	MA	02128
101638000	951 SARATOGA ST	EAST BOSTON	02128	951 SARATOGA LLC		900 CUMMINGS CENTER SUITE 215U	BEVERLY	MA	01915
100528000	970 SARATOGA ST	EAST BOSTON	02128	970 SARATOGA LLC		50 FRANKLIN ST SUITE 400	BOSTON	MA	02110
102047000	30 LEYDEN ST	EAST BOSTON	02128	ABBOTT PAUL CARMEN		30 LEYDEN ST	EAST BOSTON	MA	02128
101749000	30 WHITBY ST 30	EAST BOSTON	02128	ACONE LYNNETTE GARCIA		30 WHITBY ST #30	E BOSTON	MA	02128
101657000	962 BENNINGTON ST	EAST BOSTON	02128	ACOSTA SANTIGAGO		962 BENNINGTON ST	EAST BOSTON	MA	02128
101741000	53 BOARDMAN ST	EAST BOSTON	02128	ADRIANO REALTY TRUST		53 BOARDMAN ST	EAST BOSTON	MA	02128
101803000	49 LEYDEN ST 2	EAST BOSTON	02128	ALI SYED HASAN		49 LEYDEN ST, UNIT 2	EAST BOSTON	MA	02128
100529000	964 SARATOGA ST	EAST BOSTON	02128	ALTAMIRA BANQUETS LLC		964 SARATOGA ST	EAST BOSTON	MA	02128
101794010	39 LEYDEN ST 5	EAST BOSTON	02128	ANG JOEL Y		39 LEYDEN ST, UNIT 5	EAST BOSTON	MA	02128
101791000	93 BOARDMAN ST	EAST BOSTON	02128	ANGJELIU ERION		93 BOARDMAN ST	EAST BOSTON	MA	02128
101778000	91 ASHLEY ST	EAST BOSTON	02128	APARECIDO FAMILY TRUST	C/O ELIAS APARECIDO	91 ASHLEY ST	EAST BOSTON	MA	02128
101656000	964 BENNINGTON ST	EAST BOSTON	02128	APONTE DIANA		964 BENNINGTON ST	EAST BOSTON	MA	02128
101654000	968 BENNINGTON ST	EAST BOSTON	02128	APPONTE DIANA		353 BROADWAY	REVERE	MA	02151
102040000	54 LEYDEN ST B3	EAST BOSTON	02128	BAHLOUL ISSAM M TS		54 LEYDEN ST #B3	EAST BOSTON	MA	02128
101653000	970 BENNINGTON ST	EAST BOSTON	02128	BELLO LUCY A		970 BENNINGTON ST	EAST BOSTON	MA	02128
101797000	115 BOARDMAN ST	EAST BOSTON	02128	BOSTON HOUSING AUTH		52 CHAUNCY ST	BOSTON	MA	02111
100530000	960 962 SARATOGA ST	EAST BOSTON	02128	BURRI STEVEN M		960 SARATOGA ST	EAST BOSTON	MA	02128
101754000	12 WHITBY ST	EAST BOSTON	02128	CALLEJAS JOSE A		444 SUMNER ST	EAST BOSTON	MA	02128
102051000	14 LEYDEN ST	EAST BOSTON	02128	CAPEZUTO RICHARD L		14 LEYDEN ST	EAST BOSTON	MA	02128
101739000	47 BOARDMAN ST	EAST BOSTON	02128	CARR JOSEPH LEICESTER		47 BOARDMAN ST	EAST BOSTON	MA	02128
100533000	946 SARATOGA ST	EAST BOSTON	02128	CB EQUITIES SARATOGA STREET LLC		6 VELMA RD	WAKEFIELD	MA	01880
101652000	972 BENNINGTON ST	EAST BOSTON	02128	CHRISTOPHER ALICE		972 BENNINGTON ST	E BOSTON	MA	02128
101647000	971 SARATOGA ST	EAST BOSTON	02128	CIAMPA FRANK TS	C/O FRANK CIAMPA	8 LINDA LANE	NAHANT	MA	01908
101745000	100 ASHLEY ST	EAST BOSTON	02128	CIANO ANNA		100 ASHLEY ST	EAST BOSTON	MA	02128
100524000	BOARDMAN ST	EAST BOSTON	02128	CITY OF BOSTON		BOARDMAN	EAST BOSTON	MA	02128
101790001	ASHLEY ST	EAST BOSTON	02128	COLANTUONI JOSEPH ETAL	C/O ROSE M COLANTUONI	145 ASHLEY ST	EAST BOSTON	MA	02128
101784000	115 ASHLEY ST	EAST BOSTON	02128	COLARUSSO MICHAEL TS	C/O MICHAEL COLARUSSO TS	990 HUMPHREY ST	SWAMPSCOTT	MA	01907
101746001	92 ASHLEY ST	EAST BOSTON	02128	COVIELLO GIUSEPPE		37 BOARDMAN ST	EAST BOSTON	MA	02128
101736000	37 BOARDMAN ST	EAST BOSTON	02128	COVIELLO GIUSEPPE		37 BOARDMAN ST	E BOSTON	MA	02128
101782000	105 ASHLEY ST	EAST BOSTON	02128	CUASCUT OMAR		105 ASHLEY ST	EAST BOSTON	MA	02128
101640000	955 SARATOGA ST 2	EAST BOSTON	02128	CUNNINGHAM KENNETH		955 SARATOGA ST #2	EAST BOSTON	MA	02128
101747000	ASHLEY ST	EAST BOSTON	02128	DELEO ROBERT		80 ASHLEY ST	EAST BOSTON	MA	02128
101785000	125 ASHLEY ST	EAST BOSTON	02128	DEMAYO ROBERT A ETAL		125 ASHLEY ST	EAST BOSTON	MA	02128
101762000	21 WHITBY ST	EAST BOSTON	02128	DESA PATRICE M	C/O PATRICE DESA	21 WHITBY ST	EAST BOSTON	MA	02128
101810000	79 LEYDEN ST	EAST BOSTON	02128	DICICCO ANTHONY R		79 LEYDEN ST	EAST BOSTON	MA	02128
101730000	15 BOARDMAN ST	EAST BOSTON	02128	DONIS FERNANDO D	C/O FERNANDO DONIS	15 BOARDMAN ST	EAST BOSTON	MA	02128
101796000	111 BOARDMAN ST	EAST BOSTON	02128	DONNELLY JOHN ETAL		111 BOARDMAN	EAST BOSTON	MA	02128
101649000	975 977 SARATOGA ST	EAST BOSTON	02128	EB BH HOLDINGS LLC		50 FRANKLIN ST, UNIT 400	BOSTON	MA	02110
101624000	974 972 SARATOGA ST	EAST BOSTON	02128	EB WHITE DIAMOND LLC		50 FRANKLIN STREET SUITE 400	BOSTON	MA	02110
101781000	101 ASHLEY ST	EAST BOSTON	02128	FERNANDES ELIZANDRA		101 ASHLEY ST	E BOSTON	MA	02128
101641000	957 SARATOGA ST	EAST BOSTON	02128	GALDAMEZ ELIAS		957 SARATOGA ST	EAST BOSTON	MA	02128
101646000	967 SARATOGA ST	EAST BOSTON	02128	GALLUCCI RICHARD P		967 SARATOGA ST	EAST BOSTON	MA	02128
101987000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101991000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101983000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101986000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101992000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101989000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC	C/O GALDSTONE STREET LLC	1222 BENNINGTON ST	EAST BOSTON	MA	02128
101990000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
102060000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC	C/O GALDSTONE STREET LLC	1222 BENNINGTON ST	EAST BOSTON	MA	02128
101984000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101985000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101988000	GLADSTONE ST	EAST BOSTON	02128	GLADSTONE STREET LLC		1222 BENNINGTON ST	EAST BOSTON	MA	02128
101731000	19 BOARDMAN ST	EAST BOSTON	02128	GONZALEZ MARVIN E		483 POPLAR ST	ROSLINDALE	MA	02131
101755000	10 WHITBY ST	EAST BOSTON	02128	HERNANDEZ OSCAR A		10 WHITBY ST	E BOSTON	MA	02128
101642000	959 SARATOGA ST	EAST BOSTON	02128	HERRERA MARGARITA L		959 SARATOGA ST	E BOSTON	MA	02128
101799000	29 LEYDEN ST	EAST BOSTON	02128	HS LAND TRUST LLC TS	C/O HS LAND TRUST LLC	404 S HUNTINGTON AV	JAMAICA PLAIN	MA	02130
101623000	978 C 976A SARATOGA ST	EAST BOSTON	02128	IRMAS LLC		915 CHESTNUT ST	NEWTON	MA	02468
101729000	11 BOARDMAN ST	EAST BOSTON	02128	JACOBSON DANIEL E		2 BRIGHAM ST UNIT 3	BOSTON	MA	02128
100531000	958 SARATOGA ST	EAST BOSTON	02128	JANOUDI RABEH		958 SARATOGA ST	EAST BOSTON	MA	02128
101787000	135 ASHLEY ST	EAST BOSTON	02128	KAREN S PEARSON REVOCABLE TRUST		135 ASHLEY ST	EAST BOSTON	MA	02128
101788000	ASHLEY ST	EAST BOSTON	02128	KAREN S PEARSON REVOCABLE TRUST		135 ASHLEY ST	EAST BOSTON	MA	02128
102052000	10 LEYDEN ST	EAST BOSTON	02128	KNOX LINDA		10 LEYDEN ST	EAST BOSTON	MA	02128
101649001	980 978 BENNINGTON ST	EAST BOSTON	02128	LAMPREA JAIRO		978 BENNINGTON ST	EAST BOSTON	MA	02128
101639000	953 SARATOGA ST	EAST BOSTON	02128	LAZO MANUEL A		953 SARATOGA ST	E BOSTON	MA	02128
102046000	36 LEYDEN ST	EAST BOSTON	02128	LDRE CORP		29 GERALD RD	MARBLEHEAD	MA	01945
101634000	935 935R SARATOGA ST	EAST BOSTON	02128	LOMBARDO VINCENT J TS	C/O BENNINGTON REALTY	6 BILLINGS ST	RANDOLPH	MA	02368
101650000	976 BENNINGTON ST	EAST BOSTON	02128	LONG BEACH REALTY II CORP		104-18 METROPOLITAN AV	FOREST HILLS	NY	11375
101808000	71 LEYDEN ST	EAST BOSTON	02128	LOPEZ GERMAN F		71 LEYDEN ST	E BOSTON	MA	02128
101760000	9 WHITBY ST	EAST BOSTON	02128	MADRID ELVIS A	C/O ELVIS A MADRID	1112 BENNINGTON ST	EAST BOSTON	MA	02128
101780000	99 ASHLEY ST	EAST BOSTON	02128	MADRIGAL ALBA		99 ASHLEY ST	EAST BOSTON	MA	02128
102048000	26 LEYDEN ST	EAST BOSTON	02128	MAE NORMA		26 LEYDEN ST	EAST BOSTON	MA	02128
101734000	29 BOARDMAN ST	EAST BOSTON	02128	MAGNOLIA BOARDMAN LLC		146 BUNKER HILL ST	CHARLESTOWN	MA	02129
101735000	33 BOARDMAN ST	EAST BOSTON	02128	MAGNOLIA BOARDMAN LLC		146 BUNKER HILL ST	CHARLESTOWN	MA	02129
101627000	FORD ST	EAST BOSTON	02128	MARQUARDO DONNA		980 SARATOGA ST	E BOSTON	MA	02128
101622000	980 A982 SARATOGA ST	EAST BOSTON	02128	MARQUARDO DONNA		980 SARATOGA ST	E BOSTON	MA	02128
101725000	4 FORD ST	EAST BOSTON	02128	MARTINEZ MARIA		4 FORD ST	E BOSTON	MA	02128
101815000	101 LEYDEN ST	EAST BOSTON	02128	MAZZARELLA MARIA A		101 LEYDEN ST	EAST BOSTON	MA	02128
101779000	95 ASHLEY ST	EAST BOSTON	02128	MAZZARELLA MARIA A		95 ASHLEY ST	EAST BOSTON	MA	02128
100522000	415 WM F MCCLELLAN HW	EAST BOSTON	02128	MC-EB REALTY LLC	C/O FIRST BRISTOL CORPORATION	PO BOX 2516	FALL RIVER	MA	02722
101790000	145 ASHLEY ST	EAST BOSTON	02128	MUNOZ STEVEN		145 ASHLEY ST	EAST BOSTON	MA	02128
101659000	958 BENNINGTON ST	EAST BOSTON	02128	NINE-58 BENNINGTON STREET	C/O RITA M ROBERTO	282 BENNINGTON ST	EAST BOSTON	MA	02128
101798000	23 LEYDEN ST	EAST BOSTON	02128	OBRIEN MARK P	C/O MARK OBRIEN	23 LEYDEN ST	EAST BOSTON	MA	02128
101743000	61 BOARDMAN ST	EAST BOSTON	02128	OLIVER ANN LLC MASS LLC		61 BOARDMAN ST	EAST BOSTON	MA	02128
101742010	BOARDMAN ST	EAST BOSTON	02128	OLIVER ANN LLC MASS LLC		61 BOARDMAN ST	EAST BOSTON	MA	02128
101651000	974 R BENNINGTON ST	EAST BOSTON	02128	ONE 40 VICTORY RD LLC MASS LLC	C/O CHARLES E DIPRIMA	440 SARAOGA ST	EAST BOSTON	MA	02128
100532000	956 SARATOGA ST	EAST BOSTON	02128	ORIENT HGTS CIVIC CLUB		956 SARATOGA	EAST BOSTON	MA	02128
101757020	12 FORD ST	EAST BOSTON	02128	PEDONE PHILIP A	C/O PHILIP PEDONE	12 FORD ST	EAST BOSTON	MA	02128
101626000	11 FORD ST	EAST BOSTON	02128	PIZZI PHYLLIS F		11 FORD ST	EAST BOSTON	MA	02128
101807000	67 LEYDEN ST	EAST BOSTON	02128	POLCARO VINCENZO		67 LEYDEN ST	EAST BOSTON	MA	02128
101728000	9 BOARDMAN ST	EAST BOSTON	02128	PORFIDIO STEPHEN W		9 BOARDMAN ST	E BOSTON	MA	02128
101645000	965 SARATOGA ST	EAST BOSTON	02128	PUERTA CARLOS		965 SARATOGA ST	EAST BOSTON	MA	02128
101655000	966 BENNINGTON ST	EAST BOSTON	02128	QUICENO JOSE		966 BENNINGTON ST	EAST BOSTON	MA	02128
101783000	109 ASHLEY ST	EAST BOSTON	02128	R & T EASTIE LLC		16 HYDE STREET	NEWTON		

1-111 Boardman Street and 131-135 Ashley Street  
Request for Determination of Applicability

101732000	23 BOARDMAN ST	EAST BOSTON	02128	RAFFO JOHN * GEORGE ETAL		23 BOARDMAN ST	EAST BOSTON	MA	02128
101789000	141 ASHLEY ST	EAST BOSTON	02128	RICHARDS JAMES M TS	C/O JAMES M RICHARDS	2 LEONARD RD	PEABODY	MA	01960
101658000	960 BENNINGTON ST	EAST BOSTON	02128	ROBERTO RITA M TS	C/O RITA ROBERTO	282 BENNINGTON ST	EAST BOSTON	MA	02128
101812000	87 LEYDEN ST	EAST BOSTON	02128	RODRIGUEZ ROBERTO		87 LEYDEN ST	E BOSTON	MA	02128
101764000	54 ASHLEY ST	EAST BOSTON	02128	ROMAN CATH ARCH BOSTON		54 ASHLEY	EAST BOSTON	MA	02128
101761000	WHITBY ST	EAST BOSTON	02128	ROMAN CATH ARCH OF BOS		59 ASHLEY ST	EAST BOSTON	MA	02128
101811000	83 LEYDEN ST	EAST BOSTON	02128	ROSSI KIM C ETAL		83 LEYDEN	EAST BOSTON	MA	02128
101648000	973 SARATOGA ST	EAST BOSTON	02128	RUGGIERO JOSEPH L III	C/O JOSEPH L RUGGIERO III	1225 BENNINGTON ST	EAST BOSTON	MA	02128
101733000	25 BOARDMAN ST	EAST BOSTON	02128	SACCO CAROLA		25 BOARDMAN ST	E BOSTON	MA	02128
101643000	961 SARATOGA ST	EAST BOSTON	02128	SALVADOR FLOR Y		961 SARATOGA ST	E BOSTON	MA	02128
101637001	945 SARATOGA ST	EAST BOSTON	02128	SALVAGGIO ANTHONY M		10 MONSON DR	PEABODY	MA	01960
101625000	7 FORD ST	EAST BOSTON	02128	SCAPICCHIO PAUL J TS	C/O PAUL SCAPICCHIO	85 MEREDITH CIRCLE	MILTON	MA	02186
101814000	93 LEYDEN ST	EAST BOSTON	02128	SCARFO DAMIARO ETAL	C/O DAMIARO SCARFO	104 LAKE SHORE RD	BOXFORD	MA	01921
101742000	BOARDMAN ST	EAST BOSTON	02128	SCHETTINO JOSEPH ANTHONY		8 PAINES ST	WINTHROP	MA	02152
100549001	225 WM F MCCLELLAN HW	EAST BOSTON	02128	SLUMBER TIME LLC	ATT: LISA ADE	1000 MARKET ST BLDG #1	PORTSMOUTH	NH	03801
102279000	BOARDMAN ST	EAST BOSTON	02128	SONS DIVINE PROV INC		BOARDMAN	EAST BOSTON	MA	02128
101757010	10 FORD ST	EAST BOSTON	02128	STORY JASOB		10 FORD ST	EAST BOSTON	MA	02128
102049000	22 LEYDEN ST	EAST BOSTON	02128	SUAREZ CARMEN D		62 FLORITE DR	FRAMINGHAM	MA	01701
101644000	963 SARATOGA ST	EAST BOSTON	02128	TALLUTO ROCCO		963 SARATOGA ST	EAST BOSTON	MA	02128
101786000	131 ASHLEY ST	EAST BOSTON	02128	THIRTY FOUR VICTORY ROAD LLC A MASS LLC	C/O 34 VICTORY ROAD LLC	440 SARATOGA STREET	BOSTON	MA	02128
101809000	75 LEYDEN ST	EAST BOSTON	02128	THIRTY FOUR VICTORY ROAD LLC MASS LLC	C/O 34 VICTORY ROAD LLC	440 SARATOGA ST	E BOSTON	MA	02128
102050000	18 LEYDEN ST	EAST BOSTON	02128	THOMPSON PATRICIA ANN		18 LEYDEN ST	EAST BOSTON	MA	02128
101740000	49 BOARDMAN ST	EAST BOSTON	02128	VETTER BRITTANY E		22 RADCLIFFE RD	SOMERVILLE	MA	02145
101763000	70 ASHLEY ST	EAST BOSTON	02128	VINCENZO M GUARINO IRREVOCABLE TRUST		49 STEVENS ST	REVERE	MA	02151
101813000	91 LEYDEN ST	EAST BOSTON	02128	WHEELER ADAM		91 LEYDEN ST	EAST BOSTON	MA	02128
101806000	63 65 LEYDEN ST	EAST BOSTON	02128	WILLIAMS SETH A		1 CHELSEA TERRACE #1	EAST BOSTON	MA	02128



**AFFIDAVIT OF SERVICE  
FOR ABUTTER NOTIFICATION**

**Under the Massachusetts Wetlands Protection Act  
and Boston Wetlands Ordinance**

I, \_\_\_\_\_, hereby certify under pains and penalties of perjury that that at least one week prior to the public hearing, I gave notice to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A \_\_\_\_\_ was filed under the Massachusetts Wetlands Protection Act and/or the Boston Wetlands Ordinance by \_\_\_\_\_ for \_\_\_\_\_ located at \_\_\_\_\_.

The Abutter Notification For, the list of abutters to whom it was given, and their addresses are attached to this Affidavit of Service.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date





## BABEL NOTICE

English:

**IMPORTANT!** This document or application contains **important information** about your rights, responsibilities and/or benefits. It is crucial that you understand the information in this document and/or application, and we will provide the information in your preferred language at no cost to you. If you need them, please contact us at [cc@boston.gov](mailto:cc@boston.gov) or 617-635-3850.

Spanish:

**¡IMPORTANTE!** Este documento o solicitud contiene **información importante** sobre sus derechos, responsabilidades y/o beneficios. Es fundamental que usted entienda la información contenida en este documento y/o solicitud, y le proporcionaremos la información en su idioma preferido sin costo alguno para usted. Si los necesita, póngase en contacto con nosotros en el correo electrónico [cc@boston.gov](mailto:cc@boston.gov) o llamando al 617-635-3850.

Haitian Creole:

**AVI ENPÒTAN!** Dokiman oubyen aplikasyon sa genyen **enfòmasyon ki enpòtan** konsènan dwa, responsablite, ak/oswa benefis ou yo. Li enpòtan ke ou konprann enfòmasyon ki nan dokiman ak/oubyen aplikasyon sa, e n ap bay enfòmasyon an nan lang ou prefere a, san ou pa peye anyen. Si w bezwen yo, tanpri kontakte nou nan [cc@boston.gov](mailto:cc@boston.gov) oswa 617-635-3850.

Traditional Chinese:

**非常重要！** 這份文件或是申請表格包含關於您的權利，責任，和／或福利的重要信息。請您務必完全理解這份文件或申請表格的全部信息，這對我們來說十分重要。我們會免費給您提供翻譯服務。如果您有需要請聯系我們的郵箱 [cc@boston.gov](mailto:cc@boston.gov) 電話# 617-635-3850..

Vietnamese:

**QUAN TRỌNG!** Tài liệu hoặc đơn yêu cầu này chứa **thông tin quan trọng** về các quyền, trách nhiệm và/hoặc lợi ích của bạn. Việc bạn hiểu rõ thông tin trong tài liệu và/hoặc đơn yêu cầu này rất quan trọng, và chúng tôi sẽ cung cấp thông tin bằng ngôn ngữ bạn muốn mà không tính phí. Nếu quý vị cần những dịch vụ này, vui lòng liên lạc với chúng tôi theo địa chỉ [cc@boston.gov](mailto:cc@boston.gov) hoặc số điện thoại 617-635-3850.

Simplified Chinese:

**非常重要！** 这份文件或是申请表格包含关于您的权利，责任，和／或福利的重要信息。请您务必完全理解这份文件或申请表格的全部信息，这对我们来说十分重要。我们会免费给您提供翻译服务。如果您有需要请联联系我们的邮箱 [cc@boston.gov](mailto:cc@boston.gov) 电话# 617-635-3850.

Cape Verdean Creole:

**INPURTANTI!** Es dukumentu ó aplikason ten **informason inpurtanti** sobri bu direitus, rasponsabilidadi i/ó benefisius. Ê krusial ki bu intendi informason na es dukumentu i/ó aplikason ó nu ta da informason na língua di bu preferênsia sen ninhun kustu pa bó. Si bu prisiza del, kontata-nu na [cc@boston.gov](mailto:cc@boston.gov) ó 617-635-3850.

Arabic:

**مهم!** يحتوي هذا المستند أو التطبيق على معلومات مهمة حول حقوقك ومسؤولياتك أو فوائده. من الأهمية أن تفهم المعلومات الواردة في هذا المستند أو التطبيق. سوف نقدم المعلومات بلغتك المفضلة دون أي تكلفة عليك. إذا كنت في حاجة إليها، يرجى الاتصال بنا على [cc@boston.gov](mailto:cc@boston.gov) أو 617-635-3850.

Russian:

**ВАЖНО!** В этом документе или заявлении содержится **важная информация** о ваших правах, обязанностях и/или льготах. Для нас очень важно, чтобы вы понимали приведенную в этом документе и/или заявлении информацию, и мы готовы бесплатно предоставить вам информацию на предпочитаемом вами языке. Если Вам они нужны, просьба связаться с нами по адресу электронной почты [cc@boston.gov](mailto:cc@boston.gov), либо по телефону 617-635-3850.

Portuguese:

**IMPORTANTE!** Este documento ou aplicativo contém **Informações importantes** sobre os seus direitos, responsabilidades e/ou benefícios. É importante que você compreenda as informações contidas neste documento e/ou aplicativo, e nós iremos fornecer as informações em seu idioma de preferência sem nenhum custo para você. Se precisar deles, fale conosco: [cc@boston.gov](mailto:cc@boston.gov) ou 617-635-3850.

French:

**IMPORTANT !** Ce document ou cette demande contient des **informations importantes** concernant vos droits, responsabilités et/ou avantages. Il est essentiel que vous compreniez les informations contenues dans ce document et/ou cette demande, que nous pouvons vous communiquer gratuitement dans la langue de votre choix. Si vous en avez besoin, veuillez nous contacter à [cc@boston.gov](mailto:cc@boston.gov) ou au 617-635-3850.





**NOTIFICATION TO ABUTTERS  
BOSTON CONSERVATION COMMISSION**

In accordance with the Massachusetts Wetlands Protection Act, Massachusetts General Laws Chapter 131, Section 40, and the Boston Wetlands Ordinance, you are hereby notified as an abutter to a project filed with the Boston Conservation Commission.

**Request for Determination of Applicability**

A. \_\_\_\_\_ has filed a ~~Notice of Intent~~ with the Boston Conservation Commission seeking permission to alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, section 40) and Boston Wetlands Ordinance.

B. The address of the lot where the activity is proposed is \_\_\_\_\_.

C. The project involves \_\_\_\_\_.

**Request for Determination of Applicability**

D. Copies of the ~~Notice of Intent~~ may be obtained by contacting the Boston Conservation Commission at [CC@boston.gov](mailto:CC@boston.gov).

**Request for Determination of Applicability**

E. Copies of the ~~Notice of Intent~~ may be obtained from \_\_\_\_\_ by contacting them at \_\_\_\_\_ between the hours of \_\_\_\_\_, \_\_\_\_\_.

F. In accordance with the Chapter 20 of the Acts of 2021, the public hearing will take place **virtually** at <https://zoom.us/j/6864582044>. If you are unable to access the internet, you can call 1-929-205-6099, enter Meeting ID 686 458 2044 # and use # as your participant ID.

G. Information regarding the date and time of the public hearing may be obtained from the **Boston Conservation Commission** by emailing [CC@boston.gov](mailto:CC@boston.gov) or calling **(617) 635-3850** between the hours of **9 AM to 5 PM, Monday through Friday**.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in the **Boston Herald**.

NOTE: Notice of the public hearing, including its date, time, and place, will be posted on [www.boston.gov/public-notices](http://www.boston.gov/public-notices) and in Boston City Hall not less than forty-eight (48) hours in advance. If you would like to provide comments, you may attend the public hearing or send written comments to [CC@boston.gov](mailto:CC@boston.gov) or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: If you would like to provide comments, you may attend the public hearing or send written comments to [CC@boston.gov](mailto:CC@boston.gov) or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: You also may contact the Boston Conservation Commission or the Department of Environmental Protection Northeast Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: the Northeast Region: (978) 694-3200.

NOTE: If you plan to attend the public hearing and are in need of interpretation, please notify staff at [CC@boston.gov](mailto:CC@boston.gov) by 12 PM the day before the hearing.



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# Certification of Translation

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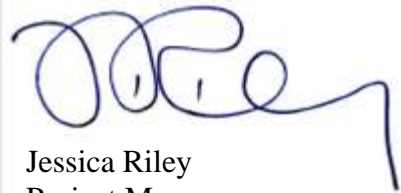
COUNTY OF SUFFOLK  
COMMONWEALTH OF MASSACHUSETTS

February 25, 2022

This is to certify that the **yellow-highlighted text within the translation** is, to the best of my knowledge and belief, a true and accurate translation from English into Spanish of the attached document:

## Spanish Abutter Notification Form

Linguistic Systems, Inc. adheres to an ISO-certified quality management system that ensures best practices are always followed in the selection of linguists skilled in both the languages and subject matters necessary for every translation.



Jessica Riley  
Project Manager  
Linguistic Systems







## NOTIFICACIÓN PARA PROPIETARIOS Y/O VECINOS COLINDANTES COMISIÓN DE CONSERVACIÓN DE BOSTON

De conformidad con la Ley de protección de los humedales de Massachusetts, el Capítulo 131, Sección 40 de las Leyes Generales de Massachusetts y la Ordenanza sobre los humedales de Boston, por la presente queda usted notificado como propietario o vecino colindante de un proyecto presentado ante la Comisión de Conservación de Boston.

- A. **Boston Gas Company** ha presentado una solicitud a la Comisión de Conservación de Boston pidiendo permiso para modificar una zona sujeta a protección en virtud de la Ley de protección de los humedales (Leyes generales, capítulo 131, sección 40) y la Ordenanza sobre los humedales de Boston.
- B. La dirección del lote donde se propone la actividad es **1-111 Boardman Street and 131-135 Ashley Street, East Boston.**
- C. El proyecto consiste en **la sustitución de una tubería principal de gas existente.**
- D. Se pueden obtener copias de la **Solicitud de determinación de aplicabilidad** comunicándose con la Comisión de Conservación de Boston en [CC@boston.gov](mailto:CC@boston.gov).
- E. Las copias de la **Solicitud de determinación de aplicabilidad** pueden obtenerse en **Tighe & Bond, Melissa Coady** ([MPCoady@tighebond.com](mailto:MPCoady@tighebond.com) / 413-572-3224), de **lunes a viernes** entre las **8:00 a. m. y las 5:00 p. m.**
- F. De acuerdo con el Decreto Ejecutivo de la Mancomunidad de Massachusetts que suspende ciertas disposiciones de la Ley de reuniones abiertas, la audiencia pública se llevará a cabo virtualmente en <https://zoom.us/j/6864582044>. Si no puede acceder a Internet, puede llamar al 1-929-205-6099, ingresar ID de reunión 686 458 2044 # y usar # como su ID de participante.
- G. La información relativa a la fecha y hora de la audiencia pública puede solicitarse a la **Comisión de Conservación de Boston** por correo electrónico a [CC@boston.gov](mailto:CC@boston.gov) o llamando al **(617) 635-4416** entre las **9 AM y las 5 PM, de lunes a viernes.**

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en el **Boston Herald** con al menos cinco (5) días de antelación.

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en [www.boston.gov/public-notices](http://www.boston.gov/public-notices) y en el Ayuntamiento de Boston con no menos de cuarenta y ocho (48) horas de antelación. Si desea formular comentarios, puede asistir a la audiencia pública o enviarlos por escrito a [CC@boston.gov](mailto:CC@boston.gov) o al Ayuntamiento de Boston, Departamento de Medio Ambiente, Sala 709, 1 City Hall Square, Boston, MA 02201.

NOTA: También puede comunicarse con la Comisión de Conservación de Boston o con la Oficina Regional del Noreste del Departamento de Protección Ambiental para obtener más información sobre esta solicitud o la Ley de Protección de Humedales. Para comunicarse con el DEP, llame a la Región Noreste: (978) 694-3200.

NOTA: si tiene previsto asistir a la audiencia pública y necesita servicios de interpretación, sírvase informar al personal en [CC@boston.gov](mailto:CC@boston.gov) antes de las 12 PM del día anterior a la audiencia.

**ATTACHMENT D**

NATIONAL GRID BEST MANAGEMENT PRACTICES

**SUBJECT**

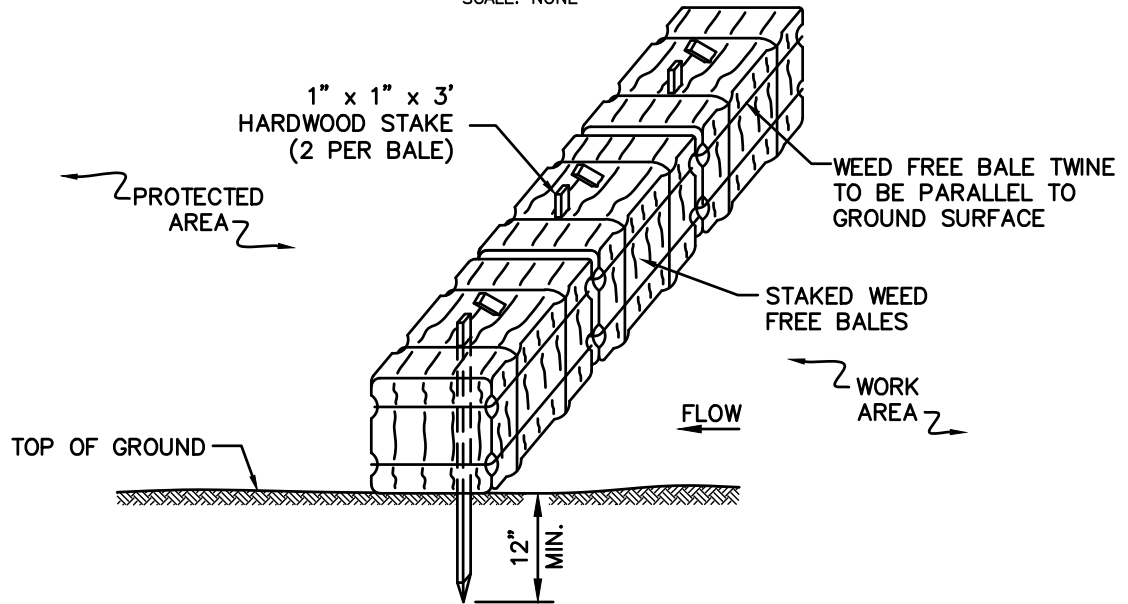
Access, Maintenance and Construction  
Best Management Practices

**Reference**

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE



**NOTES:**

1. THE GROUND SHALL BE PREPARED TO PROVIDE COMPLETE CONTACT WITH THE BALES.

**BMP PICTURE**



File: BALE\_BARRIER.DWG

**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**  
PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED  
VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

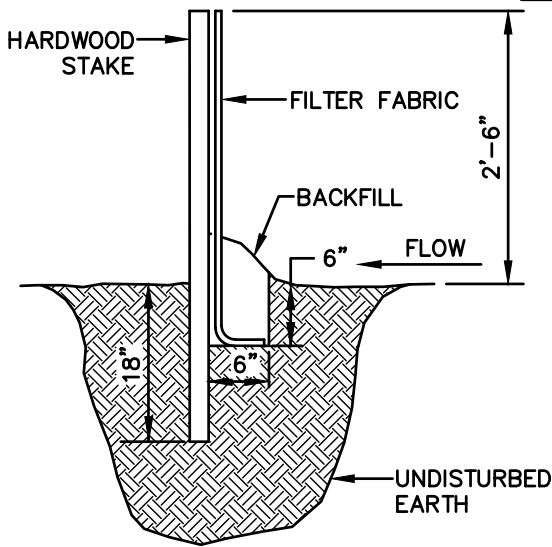
**SEC-1**  
**WEED FREE BALE BARRIER**

**SUBJECT**  
Access, Maintenance and Construction  
Best Management Practices

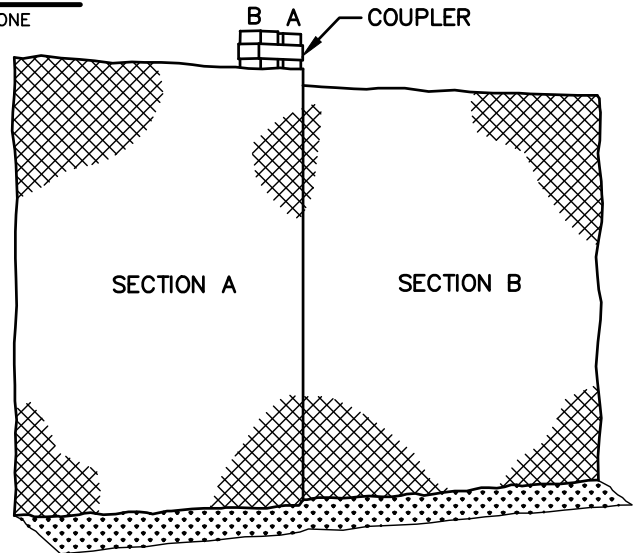
Reference  
EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

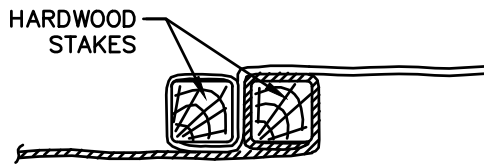
SCALE: NONE



PROFILE



SECTION



PLAN

**BMP PICTURE**



File: Sediment\_Fence.dwg

**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**  
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**SEC-2**  
**SEDIMENT CONTROL FENCE**



SUBJECT

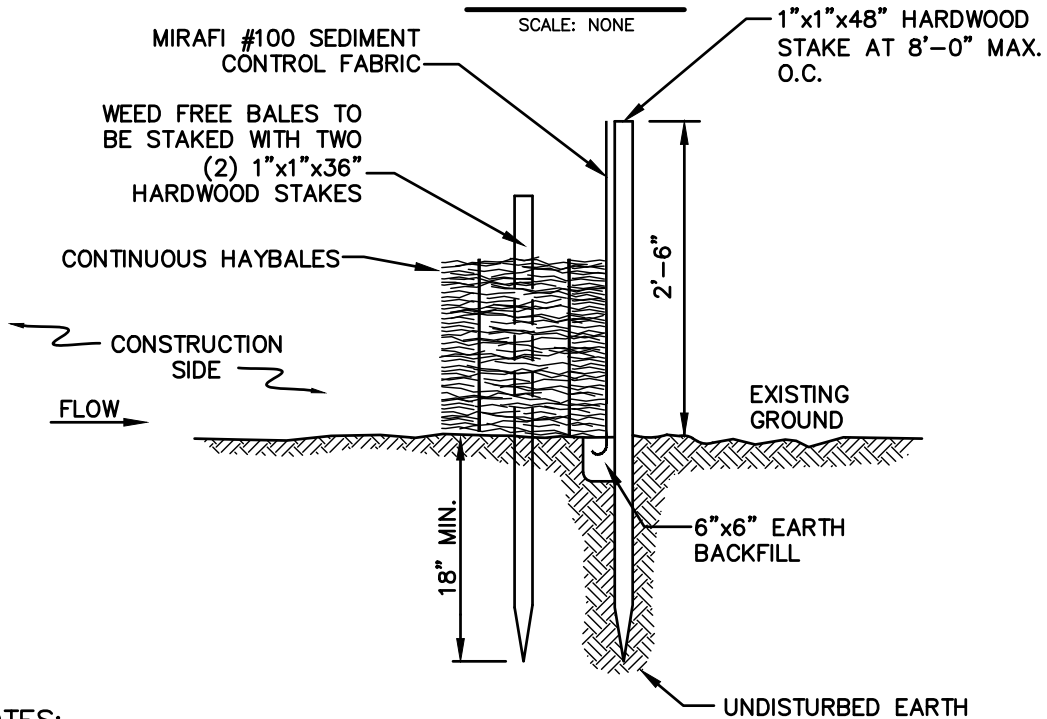
Access, Maintenance and Construction  
Best Management Practices

Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE



**NOTES:**

1. BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY TWO (2) 1"x1"x36" HARDWOOD STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
4. BALES SHALL BE REMOVED AND REPLACED WHEN THEY BECOME FILLED WITH SEDIMENT AND BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
5. BALES SHALL BE REMOVED WHEN THE EMBANKMENTS STABILIZE.
6. BALES TO BE TWINE BOUND.

**BMP PICTURE**



File: Silt\_Fence\_&\_Barrier.dwg

**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**  
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**SEC-3**  
**SILT FENCE /**  
**WEED FREE BARRIER**

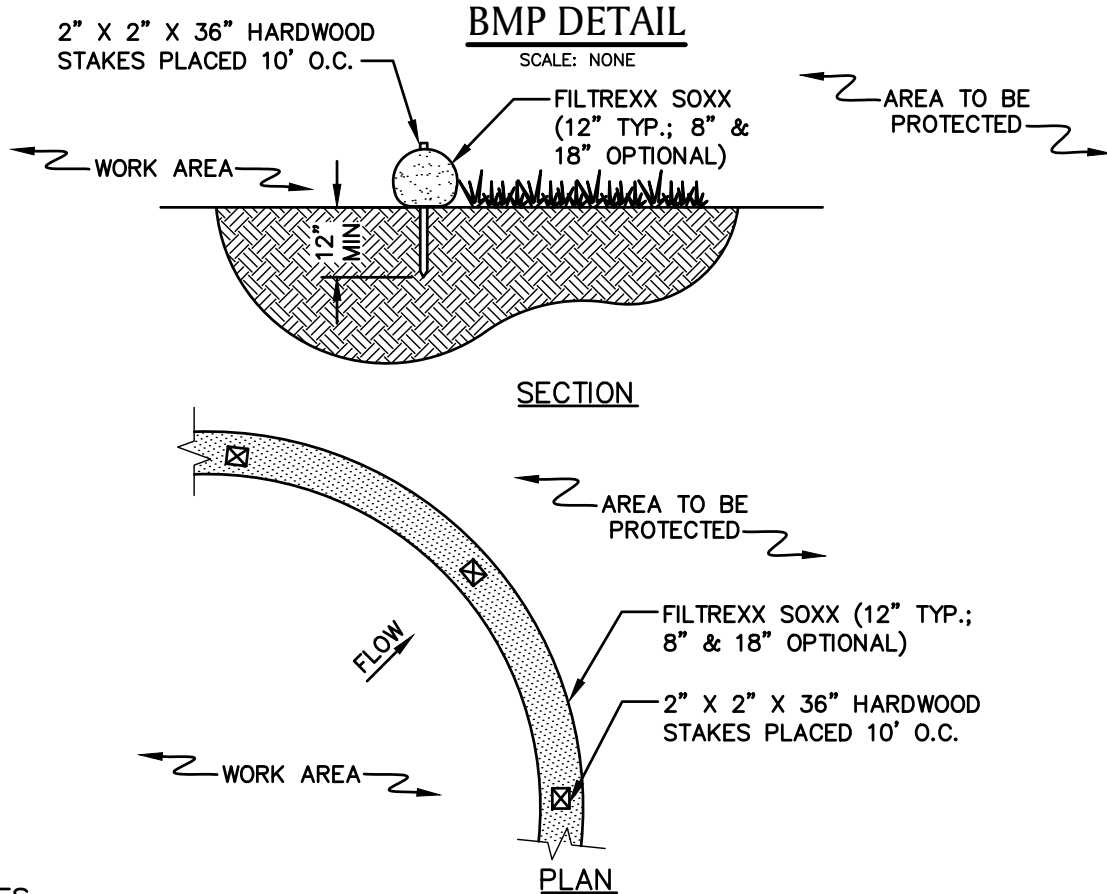


**SUBJECT**

Access, Maintenance and Construction  
Best Management Practices

**Reference**

EP No. 3 - Natural Resource  
Protection (Chapter 6)



**NOTES**

1. PRODUCT TO BE FILTREXX SILT SOXX OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
3. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
4. MESH CONTAINMENT MATERIAL SHOULD BE KNITTED PHOTODEGRADABLE OR BIODEGRADABLE MATERIAL, WITH OPENING SIZES BETWEEN 1/8" - 3/8".
5. COMPOST MEDIA SHOULD HAVE PARTICLE SIZE WHERE 99% < 2", 50% > 1/2".
6. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.

**BMP PICTURE**



\* PICTURE AND DETAIL PROVIDED BY FILTREXX LAND IMPROVEMENT SYSTEMS  
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
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VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

**SEC-4**  
**SILT SOXX \***

**SUBJECT**

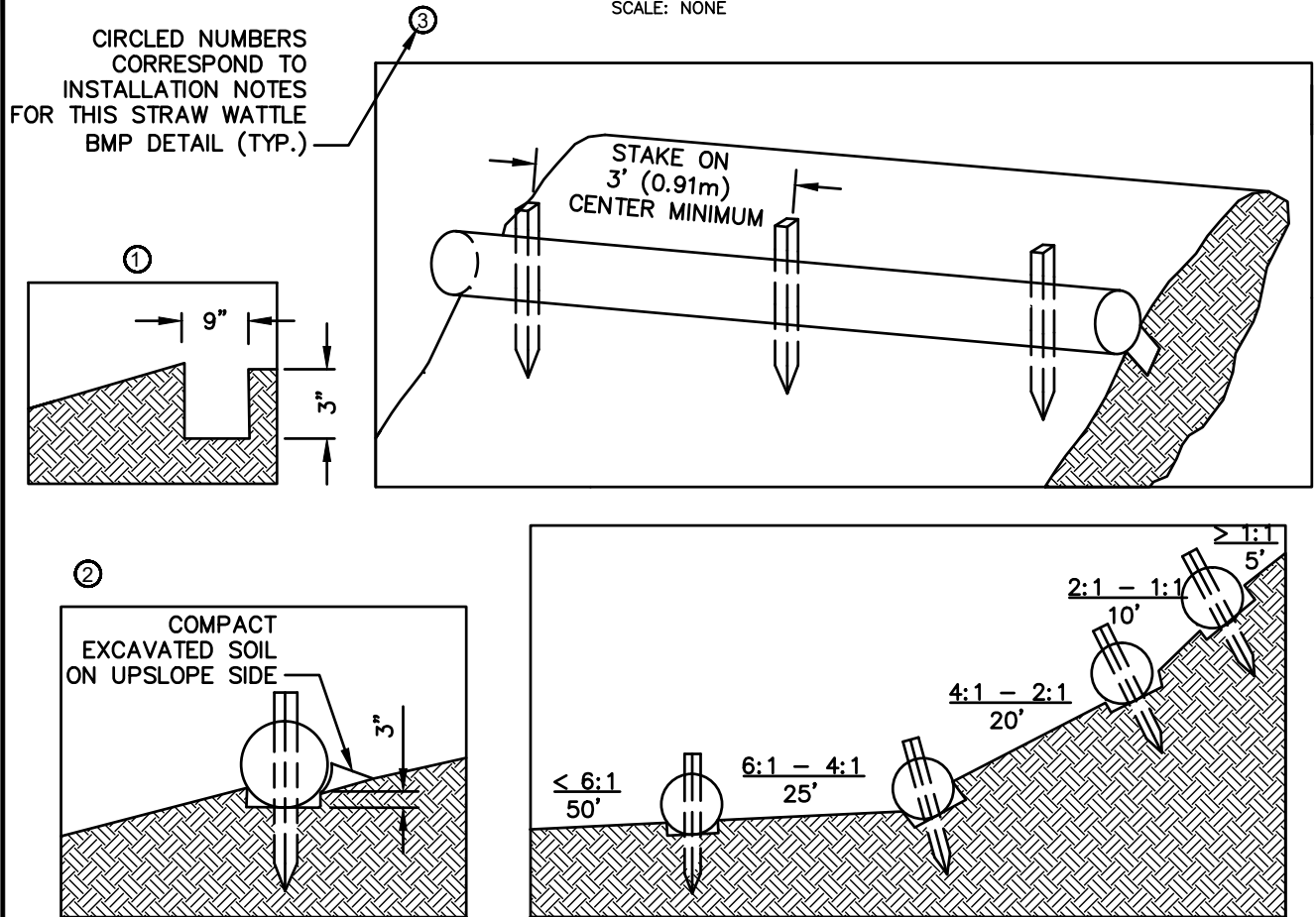
Access, Maintenance and Construction  
Best Management Practices

**Reference**

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE



TYPICAL WATTLE SPACING DETAIL

**NOTES:**

1. PRODUCT TO BE TENSAR NORTH AMERICAN GREEN STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT. COORDINATE SPACING AND LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
3. MINIMUM 12" DIAMETER WATTLES SHOULD BE USED FOR HIGHLY DISTURBED AREAS (I.E., HEAVILY USED ACCESS ROAD WITH ADJACENT WETLAND) AND MINIMUM 9-10" WATTLES SHOULD BE USED FOR LESS DISTURBED SOILS.

**INSTALLATION NOTES:**

1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18-24" HARDWOOD STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

\* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN  
**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**  
 PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED  
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**SEC-5**  
**STRAW WATTLE \* (1 OF 2)**

**SUBJECT**

Access, Maintenance and Construction  
Best Management Practices

**Reference**

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP PICTURE**



**STRAW WATTLE – SHALLOW SLOPE ( $\leq 4:1$ )  
(ALTERNATE STAKING)**

**ALTERNATE STAKING INSTALLATION NOTES:**

1. ON SHALLOW SLOPES ( $\leq 4:1$ ), STRAW WATTLE MAY BE SECURED WITH 18–24” HARDWOOD STAKES DRIVEN AGAINST THE SIDES OF THE WATTLE INSTEAD OF THROUGH. STAKES SHALL ALTERNATE SIDES, AND BE SPACED 3–4’ MAX.
2. TWINE SHALL BE TIED FROM STAKE TO STAKE, CRISS–CROSSING THE STRAW WATTLE. TIE TWINE TO STAKES BELOW THE HEIGHT OF THE WATTLE.

**\* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN  
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED  
VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.**

**SEC-5  
STRAW WATTLE \* (2 OF 2)**

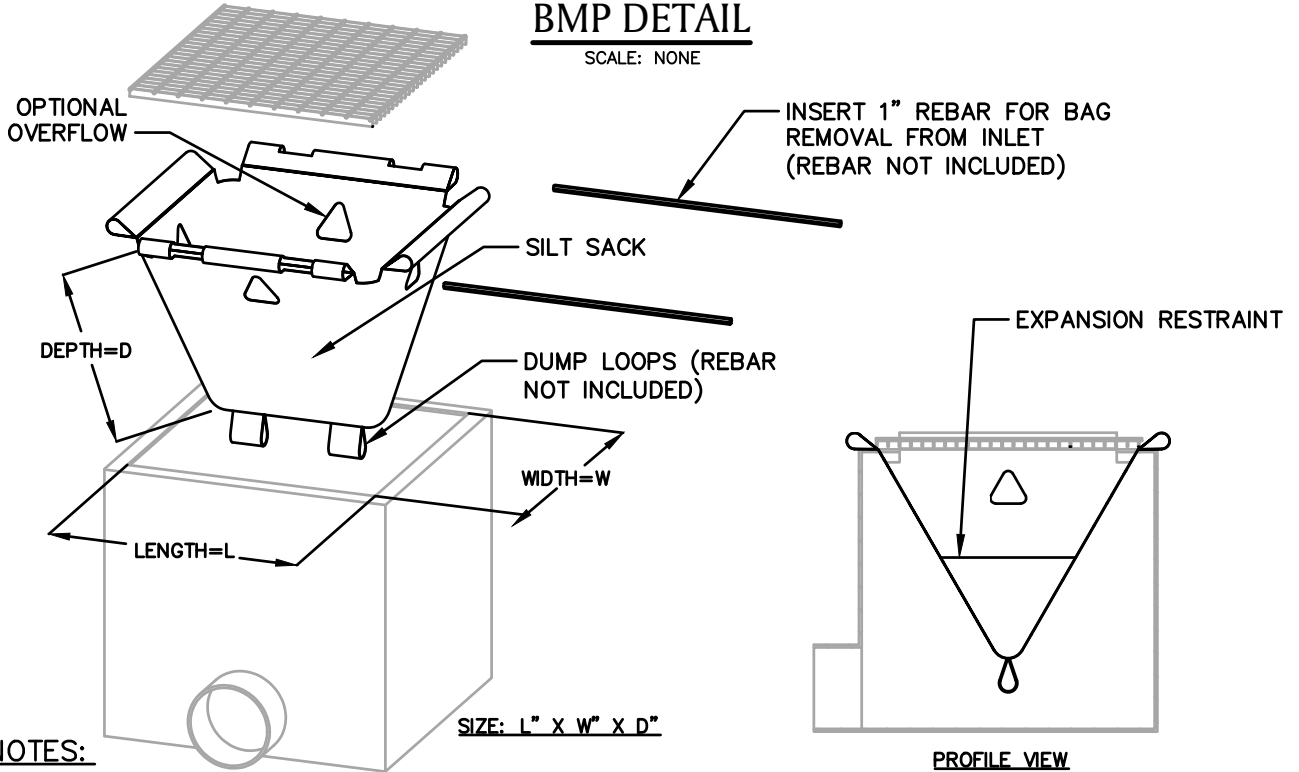


**SUBJECT**  
Access, Maintenance and Construction  
Best Management Practices

Reference  
EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE



**NOTES:**

1. PRODUCT TO BE SILT SACK OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. THE USE OF A SILT SACK OPTIONAL OVERFLOW AND OVERALL DIMENSIONS ARE TO BE COORDINATED WITH A NATIONAL GRID ENVIRONMENTAL SCIENTIST.


**BMP PICTURE**



\* DETAIL PROVIDED BY ACF ENVIRONMENTAL  
**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**  
 PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED  
 VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

AA-20  
 SILT SACK \*



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