# APPLICATION/AGREEMENT

For Trench/Disturbance Permit within the City of New Bedford

Permit # 295 2022 Dig Safe#20222506156

Date: 6/21/2022

TO THE MAYOR AND CITY COUNCIL:

DISTURBANCE PERMIT/TRENCH SAFETY PERMIT

Location of Work: Rockdale Ave		Permission is hereby requested to excavate the surface of: X City Property
		×
		City Property
		and/or X
	Provide Sketch	d/or X_ Private Property

Cross streets Grape St and Allen St Working in the street and street to houses working from Grape St to Allen St including Work will begin (weather permitting) on: Relay gas main and services June 24, 2022 COMMISSIONOR OF PUBLIC AUTHORIZATION FROM THE ROADWAY CLOSURES WILL REQUIRE INFRASTRUCTURE, TRAFFIC MANAGEMENT PLANS MAY BE REQUIRED

Company Name: \_ Applicant Name: Steven Botelho (sl) Eversource Hoisting Equipment License Number Excavator(s) Name: Grade: Expiration Date:

Contact Number: 339-987-8010 Name & Contact Number of Insurer:

Competent Person on Work Site: ON FILE

APPROVED BY: Propinee

This permit shall be posted at the work site, and shall remain until the work is completed. It is subject to inspection at all times.

Trenches must be maintained weekly until final paving is completed

Permit only valid for six months from date of approval

proposed to be within Moss but project limits work aitside Moss but project limits work aitside the City's road reconstruction project. It so curb to airb mill and everlay will be required. site meeting held 7-28-22 w/ Eversource, Cty & State reps to of new main tie into existing main, south of Grape St, I connection

## ALLEN STREET AND ROCKDALE AVENUE, NEW BEDFORD, MA WO# 9280488

#### TABLE OF CONTENTS

	TABLE OF CONTENTS
SHEET NUMBER	DESCRIPTION
1 OF 8	WORK SCOPE AND TABLE OF CONTENTS
2 OF 8	GENERAL NOTES AND MASTER BOM
3 OF 8	LEGEND
4 OF 8	LOCATION PLAN
5 OF 8	TIE-IN DETAIL #1 AND BOM
6 OF 8	TIE-IN DETAIL #2 AND BOM
7 OF 8	TIE-IN DETAIL #3 AND BOM
8 OF 8	STANDARD CORROSION DETAILS

## EVERS=URCE ENERGY



NOTE:
EXISTING CONDITIONS SHOWN ARE BASED ON GIS, AERIAL AND
AVAILABLE RECORD DATA, NO FIELD SURVEY WAS PERFORMED.
CONTRACTOR TO VERIFY EXISTING CONDITIONS AS NEEDED IN THE
FIELD. PROPOSED MAIN ALIGNMENT AND OFFSETS ARE APPROXIMATE.

WORK SCOPE
NEW BEDFORD, MASSACHUSETTS
(NOT TO SCALE)

06/22/2022

**ENGINEERING** 

LICENSE EXPIRATION

#### MAIN WO# TBD WO# TBD ALLEN STREET ROCKDALE AVENUE (~160') 8" HDPE LIP MAIN (~305) 8" HDPE LIP MAIN INSTALLATION: (~10') 4" HDPE LIP MAIN (150') 8" WI LI MAIN (300') 8" WI LI MAIN ABANDONMENT: SERVICES REPLACEMENT: TIE-OVER: METER MOVE OUTS: TOTAL SERVICES:

## ISSUED FOR CONSTRUCTION

9								
1	0 ISS	UED F	OR CONSTRUC	TION	06/21/2022	HM/	AB/EK	
	NO. DE	SCRIP	TION		DATE	DW/	CK/AP	
50 ptg. 7			RE	VISION STATUS				
		EVERS⊕URCE						
	ENERGY							
	ROCKDALE AND ALLEN MAIN RELAY							
FIELD VERIFY DIMENSIONS	NEW BEDFORD, MASSACHUSETTS							
PRIOR TO PIPE FABRICATION		WORK SCOPE AND TABLE OF CONTENTS						
	SCALE: A	S NOT	ED		SHEE	T 1	OF 8	
	DRAWN BY	/DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	₹	REV. NO	
	HM 06/07	/2022	AB 06/21/2022	EK 06/21/2022	MA-NEB-PIP-22-0	38-01	0	

#### **GENERAL NOTES**

- A. IF ANY OF THE FOLLOWING OCCUR, A DRAWING REVISION IS REQUIRED AND MUST BE APPROVED AND/OR STAMPED BY THE ENGINEER OF RECORD. CHANGES CAN BE APPROVED AND/OR STAMPED BY A PROJECT ENGINEER, BUT THE ENGINEER OF RECORD MUST BE INFORMED.
  - 1. IF THE TIE IN POINT MOVES TO A DIFFERENT SEGMENT OF PIPE THAN SHOWN.
  - 2. IF A CHANGE IN THE LOCATION OF VALVES IS REQUIRED.
  - IF THERE IS ANY CHANGE TO WHAT IS SHOWN ON THE DRAWING WITHIN 50 FT OF A PRESSURE REGULATING STATION, DISTRICT REGULATOR, OR GATE STATION.
  - 4. IF A CHANGE IN PIPE SIZE, MATERIAL, OR WALL THICKNESS IS REQUIRED.
  - 5. ALTERNATE FITTINGS THAT ARE ACCEPTABLE FOR ANY TIE-IN DETAIL WILL BE CALLED OUT IN THE DRAWING. FITTING CHANGES NOT SHOWN AS ALTERNATIVES ON THE DRAWING WILL NEED TO FOLLOW THE DRAWING CHANGE PROCESS CONTAINED IN SECTION V.D.
- B. CONSTRUCTION DRAWINGS, LOCATIONS OF EXISTING UTILITIES, UNDERGROUND STRUCTURES AND WORK LOCATIONS ARE BASED ON BEST AVAILABLE INFORMATION BUT HAVE NOT BEEN FIELD VERIFIED.
- C. ALL WORK, MATERIAL AND CONSTRUCTION SHALL BE PERFORMED AND COMPLETED IN COMPLIANCE WITH ALL PERMITS AND APPROVALS PER EVERSOURCE, LOCAL, STATE, OSHA AND FEDERAL REGULATIONS AND STANDARDS.
- D. ALL LIVE GAS WORK EXCEPT SERVICE SIZE TAPS, INCLUDING BUT NOT LIMITED TO TAPPING OF FITTINGS ON LIVE MAINS, STOPPING, MANIPULATING VALVE, ABANDONMENT, SHALL BE PERFORMED BY, OR AT THE DIRECTION AND UNDER THE DIRECT SUPERVISION OF EVERSOURCE GAS PERSONNEL AND IN ACCORDANCE WITH THE WRITTEN PROCEDURE. DRAWING CHANGES MAY ALSO REQUIRE A CHANGE TO THE PROCEDURE.
- E. EXCAVATOR IS REQUIRED TO PROTECT EXISTING UTILITIES, STRUCTURES, LANDSCAPES FEATURES, SIGNAGE, CURBS, ETC. CARE SHOULD BE TAKEN NOT TO DISTURB OR DAMAGE SUCH ITEMS. ROADWAY, SIDEWALKS, AND GRASS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OR TOWN. PLANT BEDS WILL BE RELOCATED TO THEIR EXISTING REGULAR LOCATION.
- F. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), INCLUDING ALL REVISIONS AND ADDENDA. ALL TRAFFIC CONTROL DEVICES WILL BE SUPPLIED BY EXCAVATOR.
- G. EXCAVATOR REQUIRED TO CALL DIG-SAFE/CALL BEFORE YOU DIG (DIAL 811) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. SATURDAYS, SUNDAYS AND HOLIDAYS ARE EXCLUDED FROM THE 72-HOUR TIME SPAN. NOT CONSIDERED BUSINESS WORKDAYS.
- H. IF THE PROJECT IS WITHIN 50 FEET OF A DISTRICT REGULATOR OR GATE STATION, ENSURE THAT A QUALIFIED I&R TECHNICIAN IS ON SITE.
- PROPERTY LINES, STRUCTURES AND EXISTING CONDITIONS DEPICTED ON PLANS ARE BASED ON EVERSOURCE GIS INFORMATION AND HAVE NOT BEEN FIELD VERIFIED BY LAND SURVEY UNLESS OTHERWISE NOTED.
- J. EXISTING SERVICES SHOWN ON PLAN ARE FOR INFORMATION ONLY. PROPOSED SERVICES ARE NOT SHOWN ON PLANS AND ARE TO BE INSTALLED PER EVERSOURCE CONSTRUCTION STANDARDS.
- K. MAINS AND SERVICES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH EVERSOURCE STANDARDS.
- L. ALL PIPE SHALL BE INSTALLED WITH THE MINIMUM DEPTH REQUIRED BY EVERSOURCE STANDARDS AND APPLICABLE REGULATIONS.
- M. MAOP DEFINITIONS:

LP = 14" W.C

LIP = 35 PSIG

IP = 60 PSIG

HP = 90 PSIG

N. ENSURE ALL SERVICES BEING TRANSFERRED TO A HIGHER PRESSURE SYSTEM HAVE UPGRADED PRESSURE REGULATORS INSTALLED PRIOR TO ACTIVATION.

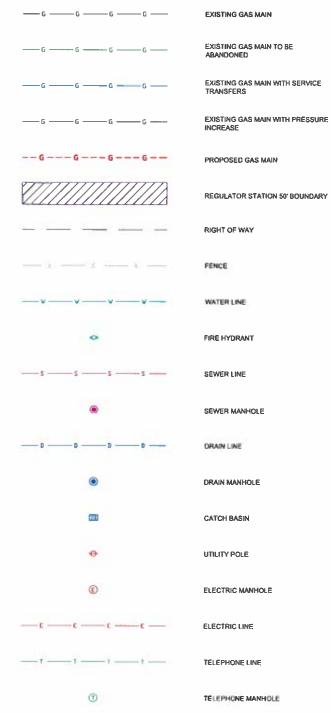
			V		ROCKDALE/ALLEN - MASTER BOM
Item #	Size	Quanity	Units	Maximo #	Description
9	2"	1	EA	562087	VALVE, BALL, 2 IN IPS, POLYETHYLENE, SDR 11, BUTT WELD, W/ FULL PORT OPENING
13	8"	5	EA	500705	VALVE, BALL, B IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/FULL PORT OPENING, BLACK FINISH
45	4"	2	EA	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100
57	8"	1	EA	545343	ELBOW, PIPE, 90 DEG, 8 IN SDR 11, BUTT WELD ENDS, POLYETHYLENE, P100
90	4"	2	EA	542538	CAP, PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100
92	8"	2	EA	542540	CAP, PIPE, 8 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100
103	8"	2	EA	560681	TEE,PIPE, 8 IN SDR 11, BUTT ENDS, POLYETHYLENE, P100
120	8"	2	EA	546255	FITTING, TRANSITION, 8 IN IPS CS X 8 IN IPS PE4710, SDR 11, STEEL WELD X PLASITC, BUTT ENDS
134	4" X 1/2"	2	EA	500867	TEE PIPE, NON-BLOWING, 4 X 1/2 IN CTS X 0.090 IN THK WALL SDR 7, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408/PE100, 1
137	8" X 1/2"	1	EA	584713	FITTING, TEE, 8 IN IPS X 1/2 IN CTS, ELECTROFUSION TAPPING TEE WITH PERMASERT STAB OUTLET, HDPE, BLACK, NSTAR M-140
149	4" X 1"	1	EA	500868	TEE, PIPE, NON-BLOWING, 4 X 1 IN CTS X 0.090 IN THK WALL SDR 12.5, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408/PE100.
154	8" X 1"	1	EA	560788	TEE, PIPE, NON-BLOWING, 8 X 1 IN IPS SDR 11, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408/PE100, 25/80X
172	4" X 2"	1	EA	584304	FITTING, TEE, 4 IN IPS X 2 IN IPS, ELECTROFUSION HIGH VOLUME TAPPING WITH BUTT FUSION OUTLET, HDPE, BLACK, WAS ITEM 577621
176	8" X 2"	1	EA	577623	FITTING, TEE, 8 IN IPS X 2 IN IPS, HIGH VOLUME ELECTROPUSION TAPPING TEE WITH BUTT FUSION OUTLET, HOPE, BLACK, ASTM F1055, RESTRICTED PURCHA
203	8"	4	EA	578132	FITTING, COUPLING, VENTED, INSULATED, W/END CAP, FOR 8 IN CI PIPE
249	3/4" x 1/2"	4	EA	\$60709	TEE, PIPE, NON-BLOWING, 3/4 IN X 1/2 IN CTS PLASTIC X 3/8 IN PERF SDR 7, WELDED INLET X COMPRESSION OUTLET, LIGHT WALL, CS. 24/BOX
256	8"	2	EA.	578139	FITTING, TEE, SHORTSTOPP, 3-WAY, 8 IN
259	2"	2	EA	578396	FITTING, TEE, SHORTSTOPP, 2 IN, WELDED
351	2"	1	EA	582521	FITTING, ELBOW, METFIT, 2 IN IPS X 0.216 IN THK WALL SDR 11, ASTM F1924, WAS ITEM 578277, NSTAR M-410, E-27-A
360	2°	30	LF	592667	PIPE, 2 IN IPS SDR 11, 20 FT LG, HDPE PE4710, BLACK, ASTM D2513, 102 PSIG, W/YELLOW STRIPES
364	8"	465	LF	554010	PIPE, 8 IN IPS X 8-3/8 IN X 0.784 IN THK WALL SDR 11, 40 FT 1G, POLYETHYLENE, PE3408/PE100
369	1/2"	7	EA	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN \$42609
371	1"	2	EA	583182	FITTING, CAP, METFIT, 1 IN IPS X 0.119 IN THK WALL SDR 11, ASTM F1924 , FOR CAPPING PE GAS DISTRIBUTION PIPE AND TUBING, REPLACED IN 542612
396	3"	0	EA	545382	ELBOW, PIPE, 90 DEG, 3 IN X 0.216 IN THK WALL, BUTT WELD ENDS, CS, ASTM A234 GR A, ANSI B16.9, LONG RADIUS
521	17 lb.	2	EA	577776	ANODE, BAG, 17 LB NET, HIGH POTENTIAL MAGNESIUM, W/ 10 FT #10 AWG TW DRANGE LEAD WIRE, PACKED IN CARDBOARD BOX 42 LB TOTAL WEIGHT
737	4 1/4" square	1	EA	577813	BOX VALVE, CURB, W/ 4-1/4 IN SQ NON-LOCKING LID, FOR 2 IN VALVES, PAVEMENT RISER RING IN 583489, 20/80X
740	8"	5	EA	604132	BOX VALVE, W/5-1/4 IN SQ NON-LOCKING LID, FOR 8 IN FULL PORT VALVES, PAVEMENT RISER IN 583488. 6/80X

\*ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

### ISSUED FOR CONSTRUCTION

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				NO.   DESCRIP	NAME OF TAXABLE PARTY.	VISION STATUS	DATE DV	V/CK/AP		
SEALED BY:	SEALED ON.	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANARDS AND GET C GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS LATEST EDITION.			THE RESERVE THE PERSON NAMED IN	RS URC				
ERIC VINAL KUMAR	S	SYSTEMS LATEST EDITION.	FIELD VERIFY DIMENSIONS			LE AND ALLEN MAIN RELAY DFORD, MASSACHUSETTS				
12 20000		PRIOR TO PIPE FABRICATION								
3 STONAL ENGLAND			l .	SCALE: NOT TO	NAME AND ADDRESS OF TAXABLE PARTY.		SHEET 2	OF 8		
SIGNATURE	06/30/2024	29 BARTLETT STREET MAN BOROUGH, MA 01752 FEL (530) 535_777 WWW.ENENGINEERING COM		DRAWN BY / DATE HM 06/07/2022	AB 06/21/2022	APPROVED BY / DATE EK 06/21/2022	SHEET NUMBER MA-NEB-PIP-22-038-02	REV. NO.		

#### **LEGEND**



#### ISSUED FOR CONSTRUCTION

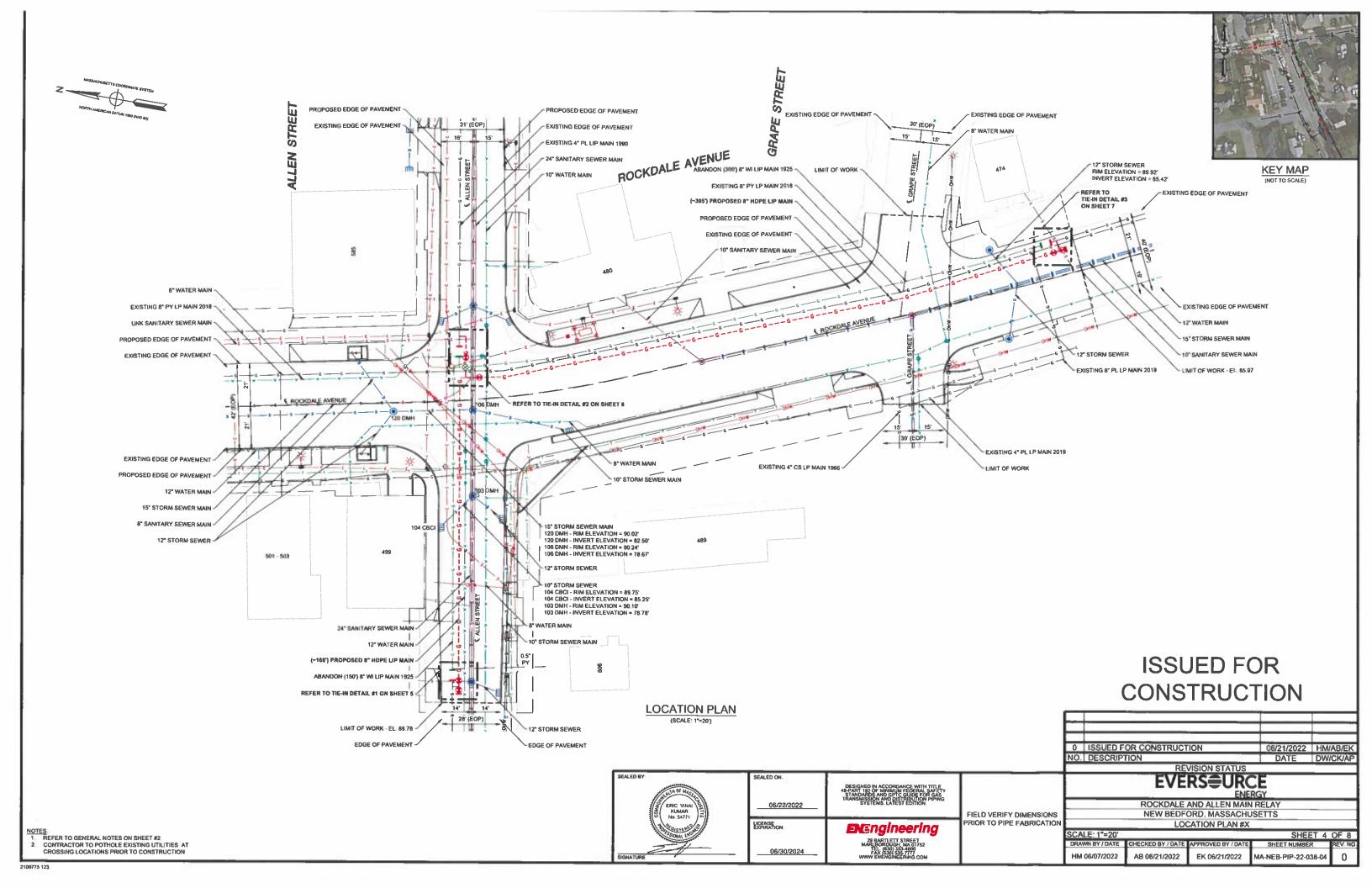
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	NO.	DESCRIPT	TION		DATE	DW	CK/AP			
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			FVF	RS⊕URC	F	-	17.5			
				ENE			20			
	1		ROCKDALE	AND ALLEN MAIN	RELAY					
s			NEW BEDF	ORD, MASSACHL	SETTS					
NC	LEGEND									
	SCA	LE: NOT TO	SCALE		SHEE	T 3	OF 8			
	DRA	WN BY / DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	₹	REV. NO			
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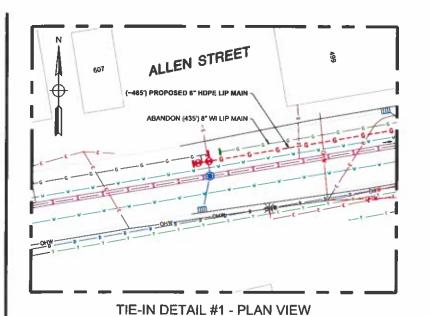
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06/30/2024

**EN**Engineering

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

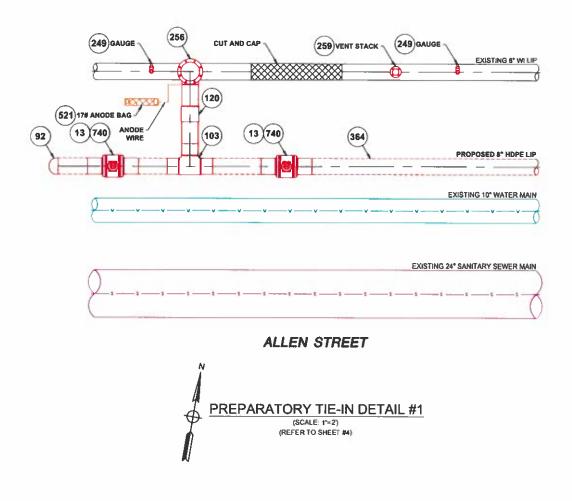


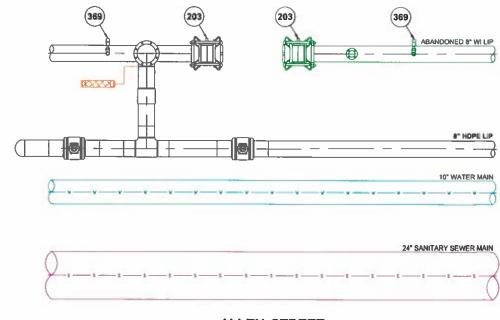


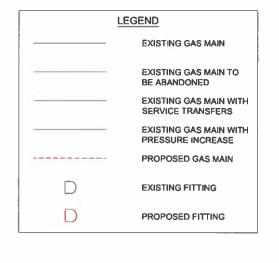
(SCALE: 1°=20') (REFER TO SHEET #4)

QUIRED	BILL OF MATER	IALS			
ITEM	ŞIZE	MAXIMO NO.	Description	Quanity	Units
13	8"	500705	VALVE, BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FULL PORT OPENING, BLACK FINISH	2	EA
92	8"	542540	CAP, PIPE, 8 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	1	EA
103	8"	560681	TEE, PIPE, 8 IN SDR 11, BUTT ENDS, POLYETHYLENE, P100	1	EA
120	8"	546255	FITTING, TRANSITION, 8 IN IPS CS X 8 IN IPS PE4710, SDR 11, STEEL WELD X PLASITC, BUTT ENDS	1	EA
249	3/4" x 1/2"	560709	TEE, PIPE, NON-BLOWING, 3/4 IN X 1/2 IN CTS PLASTIC X 3/8 IN PERF SDR 7, WELDED INLET X COMPRESSION OUTLET, LIGHT WALL, CS. 24/BOX	2	EA
256	8"	578139	FITTING, TEE, SHORTSTOPP, 3-WAY, 8 IN	1	EA
259	2"	578396	FITTING,TEE, SHORTSTOPP, 2 IN, WELDED	1	EA
364	8"	554010	PIPE, 8 IN IPS X 8-3/8 IN X 0.784 IN THK WALL SDR 11, 40 FT LG, POLYETHYLENE, PE3408/PE100	10	LF
521	17 lb.	S77776	ANDDE, BAG, 17 LB NET, HIGH POTENTIAL MAGNESIUM, W/ 10 FT #10 AWG TW ORANGE LEAD WIRE, PACKED IN CARDBOARD BOX 42 LB TOTAL WEIGHT	1	€A
740	8"	604132	BOX VALVE, W/ 5-1/4 IN SQ NON-LOCKING LID, FOR 8 IN FULL PORT VALVES, PAVEMENT RISER IN S83488. 6/BDX	2	EA

OCKDAL	E/A	LLEN - Tie-in	#1: Final			
QUIRE	D BI	LL OF MATER	IIALS			_
ITEM		SIZE	MAXIMO NO.	Description	Quanity	Units
203		8*	578132	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 8 IN CI PIPE	2	EA
369	T	1/2"	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	2	EA

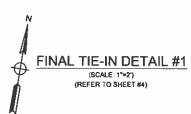






#### ALLEN STREET

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION



## ISSUED FOR CONSTRUCTION

0	ISSUED FOR CONSTRUCTION	06/21/2022	HM/AB/EK
NO	). DESCRIPTION	DATE	DW/CK/AP
	REVISION STATUS		
	FUEDCALIBA		

SEALED ON.

DESIGNED IN ACCORDANCE WITH TITLE

SPART 192 OF MINIMAL FEDERAL SAFETY
STANDARDS AND GPTC GLIDE FOR GAS
TRANSARSSION AND DISTRIBUTION PIPING

SYSTEMS. LATEST EDITION.

DICENSE
EXPIRATION.

ENERGINEERING

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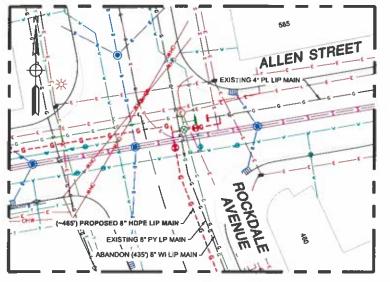
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EVERS-URCE ENERGY

ROCKDALE AND ALLEN MAIN RELAY
NEW BEDFORD, MASSACHUSETTS
TIE-IN DETAIL #1 AND BOM

NOTES:

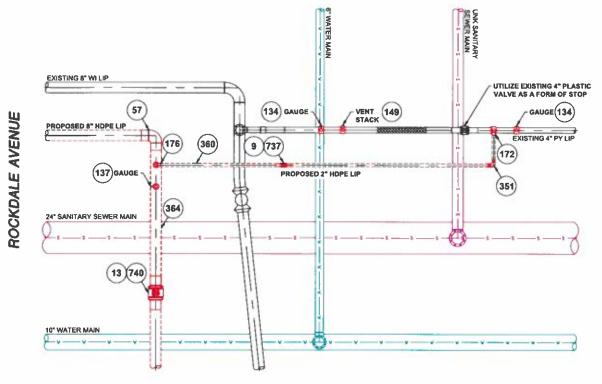
1. REFER TO GENERAL NOTES ON SHEET #2.



EQUIREC	BILL OF MATERI	ALS			
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units
9	2"	562087	VALVE, BALL, 2 IN IPS, POLYETHYLENE, SDR 11, BUTT WELD, W/ FULL PORT OPENING	1	EA
13	8"	500705	VALVE, BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FULL PORT OPENING, BLACK FINISH	1	EA
57	8"	545343	ELBOW, PIPE, 90 DEG, 8 IN SDR 11, BUTT WELD ENDS, POLYETHYLENE, P100	1	EA
134	4" X 1/2"	500867	TEE, PIPE, NON BLOWING, 4 X 1/2 IN CTS X 0.090 IN THK WALL SDR 7, ELECTROFUSION X  COMPRESSION ENDS, UGHT WALL, POLYETHYLENE, PE34011/PE100, 1	2	EA
137	8" X 1/2"	584713	FITTING, TEE, 8 IN IPS X 1/2 IN CTS, ELECTROFUSION TAPPING TEE WITH PERMASERT STAB OUTLET, HDPE, BLACK, NSTAR M-140	1	EA
149	4" X 1"	500868	TEE, PIPE, NON-BLOWING, 4 X 1 IN CTS X 0.090 IN THK WALL SDR 12.5, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408 PE100,	1	EA
172	4" X 2"	584304	FITTING, TEE, 4 IN IPS X 2 IN IPS, ELECTROFUSION HIGH VOLUME TAPPING WITH BUTT FUSION OUTLET, HDPE, BLACK, WAS ITEM 577621	1	EA
176	8° X 2"	577623	FITTING, TEE, 8 IN IPS X 2 IN IPS, MIGH VOLUME ELECTROFUSION TAPPING TEE WITH BUTT FUSION OUTLET, HDPE, BLACK, ASTM F10SS , RESTRICTED PURCHA	1	£Α
351	2"	582521	FITTING,E,BOW, METFIT, 2 IN IPS X 0.216 IN THK WALL SDR 11, ASTM F1924, WAS ITEM 578277, NSTAR M-410, E-27-A	1	EA
360	2"	592667	PIPE, 2 IN IPS SDR 11, 20 FT LG, HDPE PE4710, BLACK, ASTM D2513, 102 PSIG, W/ YELLOW STRIPES	15	LF
364	8"	554010	PIPE, 8 IN IPS X 8-3/8 IN X 0.784 IN THK WALL SDR 11, 40 FT LG, POLYETHYLENE, PE3408/PE100	15	LF
737	4 1/4" square	577813	BOX VALVE, CURB, W/ 4-1/4 IN SQ NON-LOCKING LID, FOR 2 IN VALVES, PAVEMENT RISER RING IN 583489, 20/BOX	1	EA
740	8"	604132	BOX VALVE, W/ 5-1/4 IN SQ NON-LOCKING LID, FOR 8 IN FULL PORT VALVES, PAVEMENT RISER IN 583488. 6/80X	1	EA

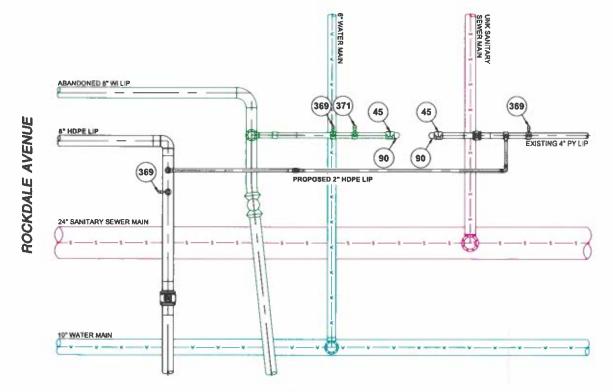
	ALLEN - Tie-li HLL OF MATE				100-100
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units
45	4"	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100	2	EA
90	4"	542538	CAP, PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	2	EA
369	1/2"	579972	FITTING CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN \$42609	3	EA
371	1"	583182	FITTING, CAP, METFIT, 1 IN IPS X 0.119 IN THK WALL SDR 11, ASTM F1924, FOR CAPPING PE (AS DISTRIBUTION PIPE AND TUBING, REPLACED IN 542612	1	EA

TIE-IN DETAIL #2 - PLAN VIEW
(SCALE: 1'=20')
(REFER TO SHEET #4)



ALLEN STREET





ALLEN STREET



## ISSUED FOR CONSTRUCTION

 $\Box$ 

D

LEGEND

EXISTING GAS MAIN

EXISTING GAS MAIN TO 8E ABANDONED

**EXISTING GAS MAIN WITH** 

EXISTING GAS MAIN WITH PRESSURE INCREASE

SERVICE TRANSFERS

PROPOSED GAS MAIN

**EXISTING FITTING** 

PROPOSED FITTING

0 ISSUED FOR CONSTRUCTION 06/21/2022 HM/AB/EK
NO. DESCRIPTION DATE DW/CK/AP
REVISION STATUS

SEALED BY

SEALED BY

RIGHT OF MARCH

RIGHT OF

SEALED ON

DESIGNED IN ACCORDANCE WITH TITL

SEALED TO SEALED TO SEALE THE S

06/30/2024

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION EVERS

ENERGY

ROCKDALE AND ALLEN MAIN RELAY

NEW BEDFORD, MASSACHUSETTS
TIE-IN DETAIL #2 AND BOM
(DO NOT SCALE FROM DRAWINGS) S

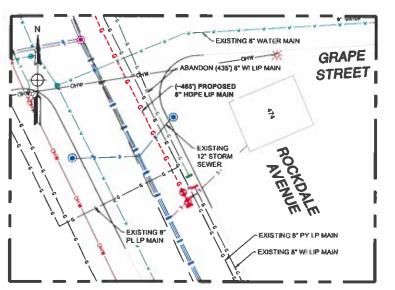
SCALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 6 OF 8

DRAWN 8Y / DATE CHECKED BY / DATE APPROVED BY / DATE SHEET NUMBER REV NO.

HM 06/07/2022 AB 06/21/2022 EK 06/21/2022 MA-NEB-PIP-22-038-06 ()

NOTES:

1. REFER TO GENERAL NOTES ON SHEET #2.

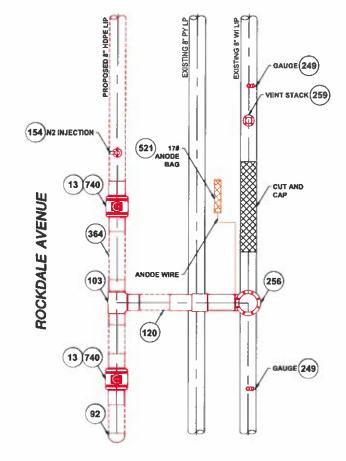


UIRED	BILL OF MATER	IALS			
TEM	SIZE	MAXIMO NO.	Description	Quanity	Units
13	8"	500705	VALVE,BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FULL PORT OPENING, BLACK FINISH		EA
92	8"	542540	CAP, PIPE, 8 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100		EA
03	8"	560681	TEE, PIPE, 8 IN SDR 11, BUTT ENDS, POLYETHYLENE, P100		EA
20	8"	546255	FITTING TRANSITION, 8 IN IPS CS X 8 IN IPS PE4710, SDR 11, STEEL WELD X PLASITC, BUTT ENDS		EA
54	8" X 1"	560788	TEE, PIPE, NON-BLOWING, 8 X 1 IN IPS SDR 11, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408/PE100, 25/BOX		EΑ
49	3/4" x 1/2"	x 1/2" S60709 TEE, PIPE, NON-BLOWING, 3/4 IN X 1/2 IN CTS PLASTIC X 3/8 IN PERF SDR 7, WELDED INLET X COMPRESSION OUTLET, LIGHT WALL, CS, 24/BOX		2	EA
56	8"	578139	578139 FITTING, TEE, SHORTSTOPP, 3-WAY, 8 IN		EA
59	2"	578396	FITTING, TEE, SHORTSTOPP, 2 IN, WELDED		EA
54	8"	554010	554010 PIPE, 8 IN IPS X 8-3/8 IN X 0.784 IN THK WALL SOR 11, 40 FT LG, POLYETHYLENE, PE3 408/PE100		LF
21	17 lb.	17 lb. 577776 ANODE,BAG, 17 LB NET, HIGH POTENTIAL MAGNESIUM, W/ 10 FT #10 AWG TW ORANGE LEAD WIRE, PACKED IN CARDBOARD BOX 42 LB TOTAL WEIGHT		1	EA
0	8"	BOX VALVE, W/ 5-1/4 IN SQ NON-LOCKING LID, FOR 8 IN FULL PORT VALVES, PAVEMENT RISER IN 583488. 6/80X		2	EA

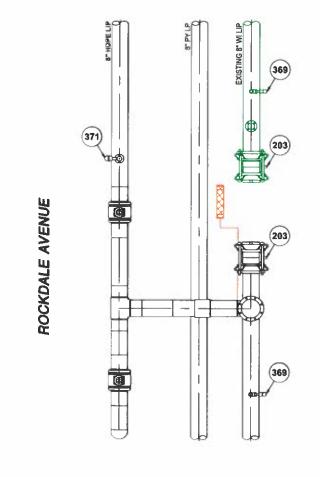
	ALLEN - Tie-I				
EQUIRED	BILL OF MATE	RIALS			
ITEM	SIZE	MAXIMO NO.	Description	Quantity	Units
203	8"	578132	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR B IN CI PIPE	2	EA
369	1/2"	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	2	EA
371	1"	583182	FITTING,CAP, METFIT, 1 IN IPS X 0.119 IN THK WALL SDR 11, ASTM F1924 , FOR CAPPING PE GAS DISTRIBUTION PIPE AND TUBING, REPLACED IN 542612	1	EA

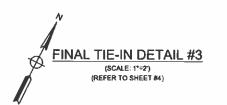
#### TIE-IN DETAIL #3 - PLAN VIEW

(SCALE: 1"=20") (REFER TO SHEET #4)









SEALED BY:  SEALED	SEALED ON: 06/22/2022	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 187 OF MINIMUM FEDERAL SAFETY 5 1 RANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.	FIELD VERIFY DIMENSIONS
SIGNATURE	LICENSE EXPIRATION.	Engineering  23 BARTLETT STREET MAR BORGUGH, MA 01752 FAX 1830 533 TPP  WWW ENEMINEERING COM	PRIOR TO PIPE FABRICATION

LEGEND		
	EXISTING GAS MAIN	
	EXISTING GAS MAIN TO BE ABANDONED	
	EXISTING GAS MAIN WITH SERVICE TRANSFERS	
	EXISTING GAS MAIN WITH PRESSURE INCREASE	
	PROPOSED GAS MAIN	
	EXISTING FITTING	
D	PROPOSED FITTING	

## ISSUED FOR CONSTRUCTION

	0	ISSUED FOR CONSTRUCTION	06/21/2022	HM/AB/EK
П	NO.	DESCRIPTION	DATE	DW/CK/AP
-		REVISION STATUS		

EVERSOURCE
ENERGY
ROCKDALE AND ALLEN MAIN RELAY
NEW BEDFORD, MASSACHUSETTS

TIE-IN DETAIL #3 AND BOM

SCALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 7 OF 8

CALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 7 OF 8

DRAWN BY / DATE | CHECKED BY / DATE | APPROVED BY / DATE | SHEET NUMBER | REV. N

HM 06/07/2022 | AB 08/21/2022 | EK 06/21/2022 | MA-NEB-PIP-22-038-07 | O

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NOTES: 1. REFER TO GENERAL NOTES ON SHEET #2.

