APPLICATION/AGREEMENT

For Trench/Disturbance Permit within the City of New Bedford

Permit # 396 2022 Dig Safe#20222506143

Date: <u>6/21/2022</u>

TO THE MAYOR AND CITY COUNCIL:

DISTURBANCE PERMIT/TRENCH SAFETY PERMIT

Competent Person on Work Site: ON FILE Contact Number: _ Company Name: Permission is hereby requested to excavate the surface of: X City Property Permit only valid for six months Applicant Name: Steven Botelho (sl) Relay gas main and services Cross St Rockdale Ave and John St Working in the street and street to houses working from Rockdale Ave to #606 Work will begin (weather permitting) on: Location of Work: Allen St Trenches must be maintained weekly until final paving is 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.

Site meeting held 7-28-2022 of Eversource, Cty & State repsended alignment and time had been approved alignment weekly until final paving is

weekly until final paving is

site install new 8 LIP main south of existing (while) 8" LIP main south of existing (while) 8" LIP main. from date of approval completed 339-987-8010 Eversource Hoisting Equipment License Number: June 24, 2022 gas main concurrently as the new 8" main is being installed. This removal of abandoned main cannot take place of a later-date because it will extend the construction timeline of the Mass Dot abandoned gas mains left in constrained City layouts. Contractor is required to remove the old, abandoned coust iron Name & Contact Number of Insurer: APPROVED BY: Excavator(s) Name: Grade: and/or X_ Private Property **Expiration Date:** AUTHORIZATION FROM THE PLANS MAY BE REQUIRED. COMMISSIONOR OF PUBLIC INFRASTRUCTURE. TRAFFIC MANAGEMENT ROADWAY CLOSURES WILL REQUIRE Provide Sketch Appton DATE: 7-29-2022

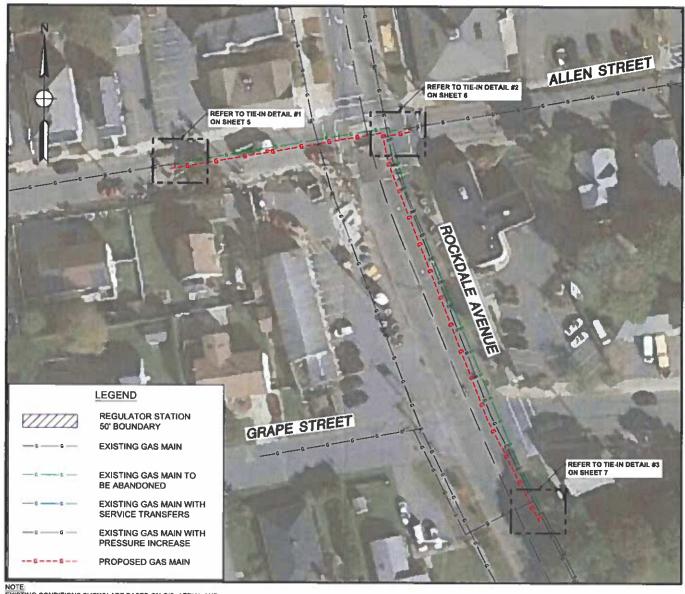
ALLEN STREET AND ROCKDALE AVENUE, NEW BEDFORD, MA WO# 9280488

TABLE OF CONTENTS SHEET DESCRIPTION NUMBER WORK SCOPE AND TABLE OF CONTENTS 1 OF 8 2 OF 8 GENERAL NOTES AND MASTER BOM 3 OF 8 LEGEND

LOCATION PLAN 4 OF 8

5 OF 8 TIE-IN DETAIL #1 AND BOM TIE-IN DETAIL #2 AND BOM 7 OF 8 TIE-IN DETAIL #3 AND BOM 8 OF 8 STANDARD CORROSION DETAILS

EVERS\$\rightarrow\$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

WORK SCOPE NEW BEDFORD, MASSACHUSETTS (NOT TO SCALE)

1412-0114	410# 10D	WO# 160
	ALLEN STREET	ROCKDALE AVENUE
INSTALLATION:	(~160') 8" HOPE LIP MAIN	(-305) 8° HDPE LIP MAI
	(~10') 4" HDPE LIP MAIN	
	(450) 6714	
ABANDONMENT:	(150') 8" WI LI MAIN	(300') 8" WI LI MAIN
05714050		
SERVICES		
REPLACEMENT:	0	0
TIE-OVER:	1	0
METER MOVE OUTS:	0	0
TOTAL SERVICES	1	0

ISSUED FOR CONSTRUCTION

	0 ISSUED F	OR CONSTRUCT	ION	06/21/2022	HM/	AB/EK
	NO. DESCRIPT	TION	•	DATE	DW/	CK/AP
		RE'	VISION STATUS	2 - 74		
		FVF	RS	F		
	L		ENE	-		
	ROCKDALE AND ALLEN MAIN RELAY					
FIELD VERIFY DIMENSIONS		NEW BEDF	ORD, MASSACHL	JSETTS		
PRIOR TO PIPE FABRICATION		WORK SCOPE	AND TABLE OF (CONTENTS		
FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION	SCALE: AS 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-22-03	38-01	0

SEALED ON 06/22/2022 LICENSE EXPIRATION

06/30/2024

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MAIN

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.
- 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.
- 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

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

					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	EΑ	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100
57	8"	1	EA	545343	ELBOW, PIPE, 90 DEG, 8 IN SOR 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	\$42540	CAP, PIPE, 8 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100
103	8°	2	EA	560681	TEE PIPE, 8 IN 5DR 11, BUTT ENDS, POLYETHYLENE, P100
120	8"	2	EA	\$46255	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 THE 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/BOX
172	4" X 2"	1	EA	584304	FITTING, TEE, 4 IN IPS X 2 IN IPS, ELECTROFUSION HIGH VOLUME TAPPING WITH BUTT FUSION OUTLET, HOPE, BLACK, WAS ITEM 577621
176	8" X 2"	1	EA	577623	FITTING, TEE, 8 IN IPS X 2 IN IPS, HIGH VOLUME ELECTROFUSION TAPPING TEE WITH BUTT FUSION OUTLET, HDPE, BLACK, ASTM F1055 , RESTRICTED PURCHA
203	8"	4	EA	\$78132	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 8 IN CI PIPE
249	3/4" x 1/2"	4	EA	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. 24/80X
256	8"	2	ξA	578139	FITTING, TEE, SHORTSTOPP, 3-WAY, 8 IN
259	2"	2	EΑ	578396	FITTING, TEE, SHORTSTOPP, 2 IN, WELDED
351	2"	1	EA	582521	FFTTING, 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, HOPE 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 LG, POLYETHYLENE, PE3408/PE100
369	1/2"	7	EA	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SOR 7, REPLACED IN 542609
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 ORANGE LEAD WIRE, PACKED IN CARDBOARD BOX 42 LB TOTAL WEIGHT
737	4 1/4" square	1	EΑ	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

SEALED ON

LICENSE EXPIRATION

06/22/2022

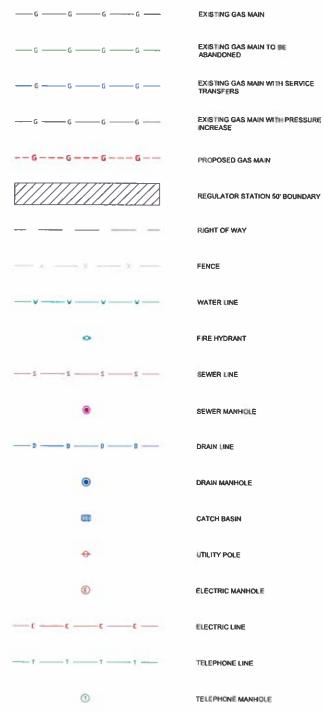
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		_	ENE	RGY	
		ROCKDALE	AND ALLEN MAIN	RELAY	
FIELD VERIFY DIMENSIONS		NEW BEDF	ORD, MASSACHL	SETTS	
PRIOR TO PIPE FABRICATION		GENERAL N	OTES AND MAST	ER BOM	
	SCALE: NOT TO	SCALE	•	SHEE	T 2 OF 8
	DRAWN BY / DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	SHEET 2 OF 8
	HM 06/07/2022	AB 06/21/2022	EK 06/21/2022	MA-NEB-PIP-22-03	38-02 ()

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LEGEND



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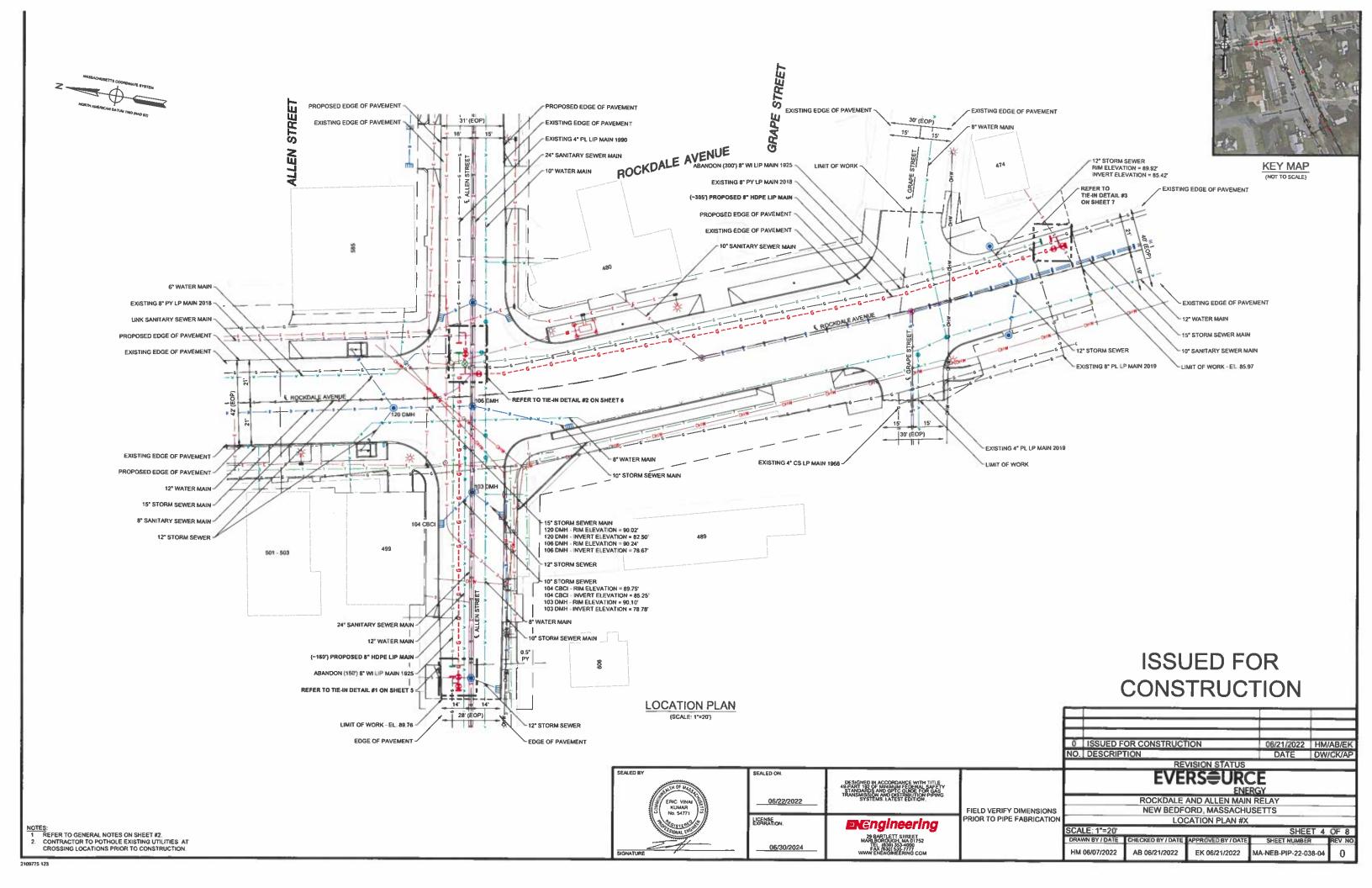
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			ENE	RGY	_				
		ROCKDALE	AND ALLEN MAIN	RELAY					
		NEW BEDF	ORD, MASSACHL	SETTS					
	LEGEND								
SCALE	NOT TO	SCALE		SHEE	T 3 OF 8				
DRAWN	BY/DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	RÉV.NO				
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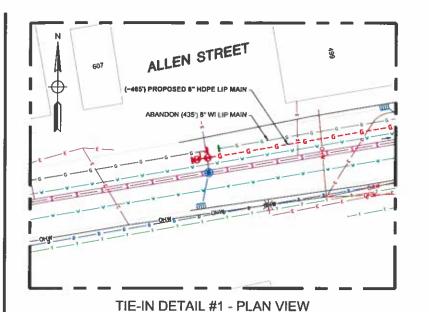


SEALED ON 06/22/2022 LICENSE EXPIRATION **EN**Engineering

06/30/2024

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

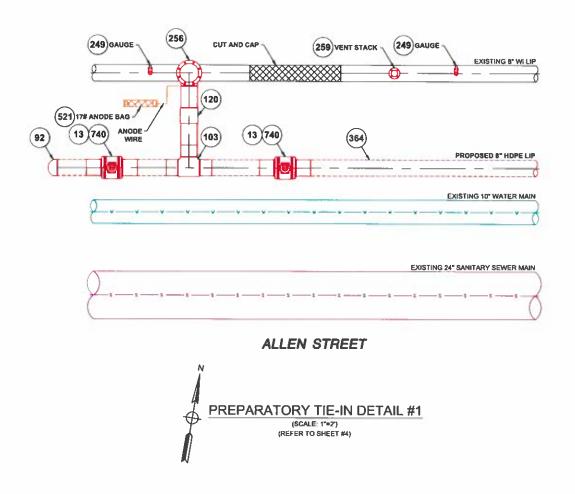


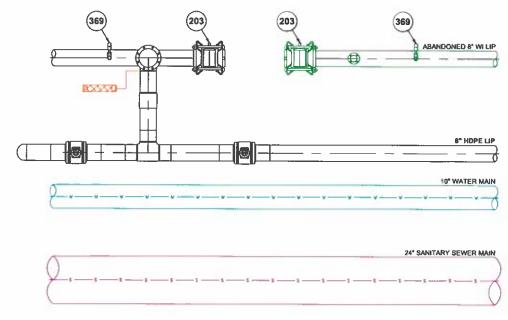


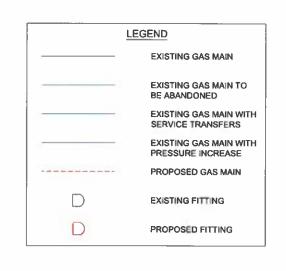
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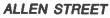
	E/ALLEN - Tie-in I BILL OF MATER				
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units
13	8"	500705	VALVE,BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FULL PORT OPENING, BLACK FINISH	2	EA
92	8"	542540	CAP, PIPE, 8 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	1	EA
103	8"	560681	TEE PIPE, 8 IN SOR 11, 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	EΑ
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.	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
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/BOX	2	EA

KDALE/	ALLEN - Tie-ii	n #1: Final			
UIRED E	BILL OF MATE	RIALS			
EM	SIZE	MAXIMO NO.	Description	Quanity	Units
03	8"	578132	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 8 IN CI PIPE	2	EA
69	1/2*	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	2	EA











ISSUED FOR CONSTRUCTION

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



EVERSQURCE ENERGY ROCKDALE AND ALLEN MAIN RELAY NEW BEDFORD, MASSACHUSETTS

AB 06/21/2022

NEW BEDFORD, MASSACHUSETTS

TIE-IN DETAIL #1 AND BOM

SCALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 5 OF 8

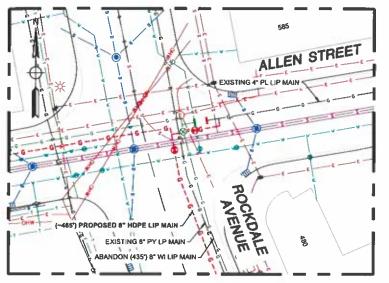
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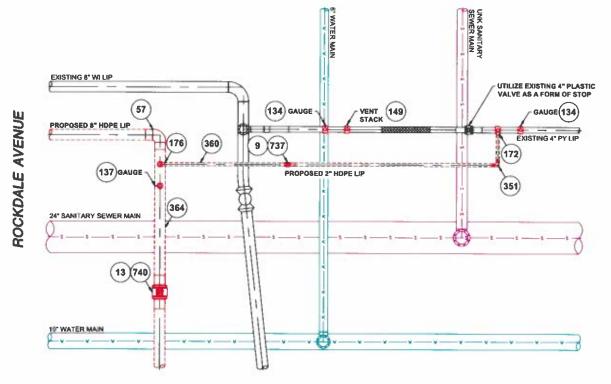
NOTES:
1. REFER TO GENERAL NOTES ON SHEET #2.



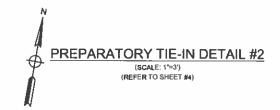
	E/ALLEN - Tle-in # D BILL OF MATERL				
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units
9	2"	562087	VALVE BALL, 2 IN IPS, POLYETHYLENE, SOR 11, BUTT WELD, W/ FULL PORT OPENING	1	EA.
13	8"	500705	VALVE, BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FUIL PORT OPENING, BLACK FINISH	1	EA
57	8"	545343	ELBOW, PIPE, 90 DEG, 8 IN SOR 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, LIGHT WALL, POLYETHYLENE, PE3408/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"	X 2" 584304 FITTING, IEE, 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, B IN IPS X 2 IN IPS, HIGH VOLUME ELECTROFUSION TAPPING TEE WITH BUTT FUSION OUTLET, HOPE, BLACK, ASTM F1055, RESTRICTED PURCHA		EA
351	2"	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	1	EA
360	2"	592667	PIPE, 2 IN IPS SDR 11, 20 FT LG, HDPE PE4710, BLACK, ASTM D2:13, 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 VAEVE, 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/IIOX	1	EA

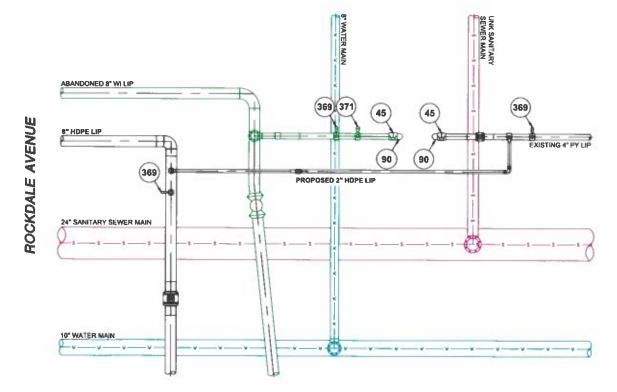
			377	
SIZE	MAXIMO NO.	Description	Quanity	Units
4"	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100	2	EA
4"	542538	CAP PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	2	EA
1/2"	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SOR 7, REPLACED IN 542609	3	EA
1"	583182	FITTING, CAP, METFIT 1 IN IPS X D.119 IN THK WALL 5DR 11, ASTM F1924 , FOR CAPPING PE (AS DISTRIBUTION PIPE AND TUBING, REPLACED IN 542612	1	EA
	SIZE 4" 4" 1/2"	4" 500855 4" 542538 1/2" 579972	SIZE MAXIMO NO. Description	SIZE MAXIMO NO. Description Quantry

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

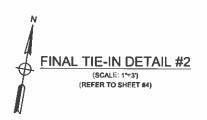


ALLEN STREET





ALLEN STREET



SEALED ON DESIGNED IN ACCORDANCE WITH TITLE 49-FART 197 OF MINIMUM FEDERAL SAFETY STANDARDS AND DESTRUCTION PIPMS RUMAR No. 54771 RUMAR No. 54771 DESIGNED IN ACCORDANCE WITH TITLE 49-FART 197 OF MINIMUM FEDERAL SAFETY STANDARDS AND DESTRUCTION PIPMS FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION PRIOR TO PIPE FABRICATION WWW. ENERGINEERING COM WWW. ENERGINEERING COM

ISSUED FOR CONSTRUCTION

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LEGEND

EXISTING GAS MAIN

EXISTING GAS MAIN TO BE 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		
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ENERGY

ROCKDALE AND ALLEN MAIN RELAY

NEW BEDFORD, MASSACHUSETTS

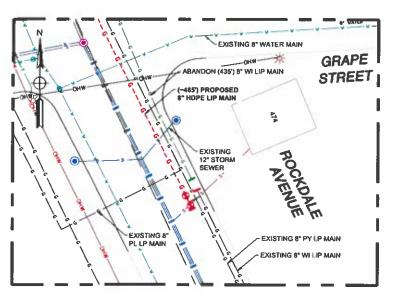
TIE-IN DETAIL #2 AND BOM

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

ORAWN BY / DATE CHECKED 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

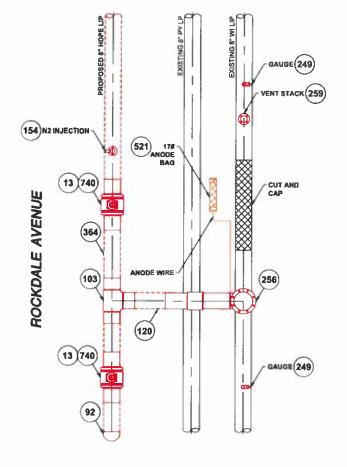


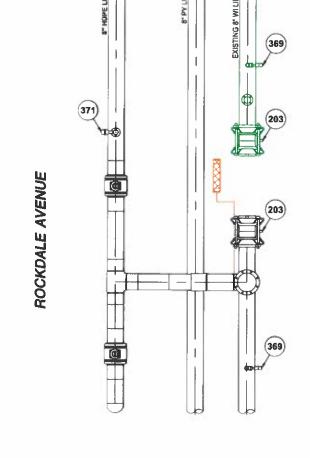
QUIRED	BILL OF MATER	ALS			
ITEM	SIZE	MAXIMO NO.	Description	Quantity	Units
13	8-	500705	VALVE, BALL, 8 IN IPS, POLYETHYLENE, SDR11, BUTT WELD, W/ FULL PORT OPENING, BLACK FINISH	2	EA
92	8"	542540	CAP PIPE, 8 IN IPS SOR 11, BUTT END. POLYETHYLENE, P100	1	EA
103	8"	560681	TEE, PIPE, 8 IN SDR 11, BUTT ENDS, POLYETHYLENE, P100	1	EA
120	8"	546255	FITTING, TRANSITION, 8 IN IPS CS X 8 IN IPS PE4710, SOR 11, STEEL WELD X PLASITC, BUTT ENDS	1	EA
154	8" X 1"	560788	TEE, PIPE, NON-BLOWING, B.X.1 IN IPS SDR 11, ELECTROFUSION X COMPRESSION ENDS, LIGHT WALL, POLYETHYLENE, PE3408/PE100, 25/BOX	1	EA
249	3/4" × 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.	\$77776	ANODE, BAG, 17 LB NET, HIGH POTENTIAL MAGNESIUM, W/ 10 FT #10 AWG TW GRANGE (LAD WIRE, PACKED IN CARDBOARD BOX 42 LB TOTAL WEIGHT	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	2	EA

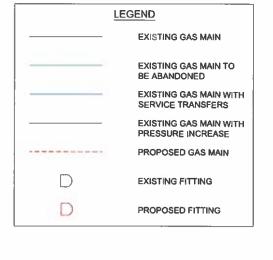
OCKDALE/	ALLEN - Tie-k	n #3: Final			
EQUIRED 8	ILL OF MATE	RIALS			
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units
203	8"	578132	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 8 IN CI PIPE	2	EA
369	1/2"	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	2	EA
371	r	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



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



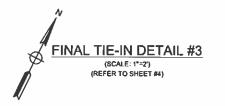




PREPARATORY TIE-IN DETAIL #3

(SCALE: 1"=2")

(REFER TO SHEET #4)



CONSTRUCTION

ISSUED FOR

SEALED BY:

SEALED ON.

DESIGNED IN ACCORDANCE WITH TITLE

48-PART 192 OF INNIMINAL FEDERAL SAFE
STANDARDS AND DESTRICTION INFINITY

COMPANY OF THE STANDARDS AND DESTRICTION INFINITY

O6/22/2022

D6/22/2022

SIGNATURE

SEALED ON.

DESIGNED IN ACCORDANCE WITH TITLE

48-PART 192 OF INNIMINAL FEDERAL SAFE
STANDARDS AND DESTRICTION

TRANSPORT AND THE STANDARDS AND DESTRICTION

O6/22/2022

SEALED ON.

DESIGNATURE

O6/30/2024

SEALED ON.

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FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION	-
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0 ISSUED FOR CONSTRUCTION 06/21/2022 HM/AB/EK
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

 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-22-038-07
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NOTES:

1. REFER TO GENERAL NOTES ON SHEET #2.

