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SHEET **DESCRIPTION**

WORK SCOPE AND TABLE OF CONTENTS GENERAL NOTES AND MASTER BOM

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LOCATION PLAN #3 TIE-IN DETAIL #5 AND BOM

LOCATION PLAN #4

TIE-IN DETAIL #6 AND BOM STANDARD CORROSION DETAILS

MAIN

INSTALLATION: ±1485' OF 4" PLASTIC LIP/35# MAIN

ABANDONMENT: ±1425' OF 4" CAST IRON LP/14" W.C MAIN ABANDONMENT: ±625' OF 6" CAST IRON LP/14" W.C MAIN

AFFECTED STREETS: VIALL STREET AND SALISBURY STREET.

SERVICES

REPLACEMENT: ±1400' OF 0.5" PLASTIC LIP/35# SERVICE TIE-OVER: ±1300' OF 0.5" PLASTIC LIP/35# SERVICE

TOTAL SERVICES: 54 METER MOVE OUTS: 48

EVERSEURCE ENERGY



AVAILABLE RECORD DATA, NO FIELD SURVEY WAS PERFORMED.

WORK SCOPE NEW BEDFORD, MASSACHUSETTS (NOT TO SCALE)

ISSUED FOR REVIEW

				A ISSI	JED FOR REVIEW		12/31/2021	BS/AB
				NO. DES	CRIPTION		DATE	DW/CK/AP
					RE	VISION STATUS		
SEALED BY:	SEALED ON:	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.			EVE	RS=URC		
		TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.			COVE S	STREET MAIN RE	LAY	
			FIELD VERIFY DIMENSIONS		NEW BEDF	ORD, MASSACHU	JSETTS	
	LICENSE EXPIRATION:	EN Chaineorina	PRIOR TO PIPE FABRICATION		WORK SCOPE	AND TABLE OF	CONTENTS	
	EXPIRATION.	EN Engineering		SCALE: A	S NOTED		SHEET	Γ 1 OF 14
		29 BARTLETT STREET MARLBOROUGH, MA 01752		DRAWN BY	DATE CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	REV. NO.
SIGNATURE		29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM		ZS 12/22/	2021 AB 12/31/2021	XX XX/XX/2021	MA-NEB-22-PIP-000	O-01 A

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.
 - 3. 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.
- I. 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

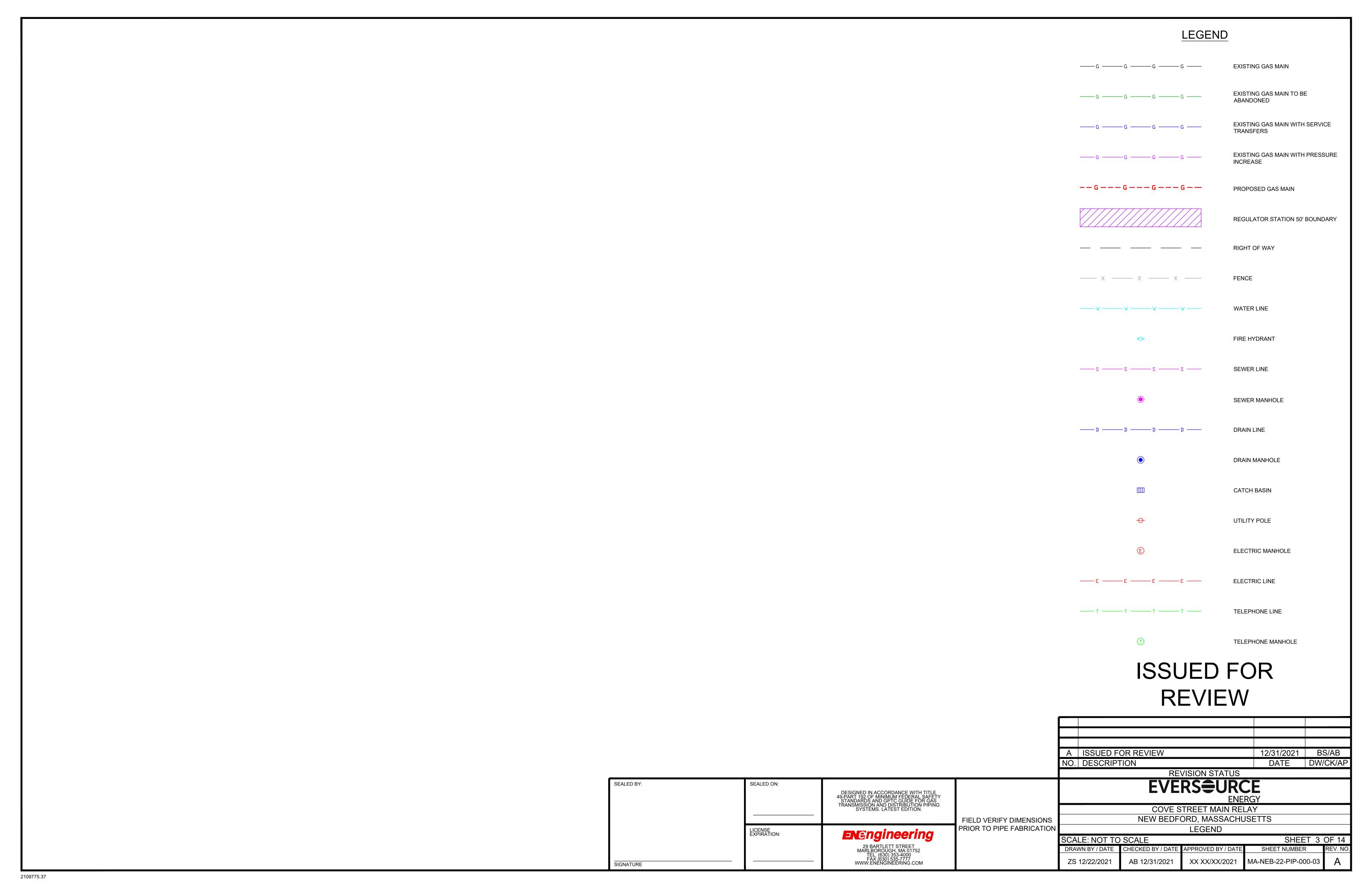
N. ENSURE ALL SERVICES BEING TRANSFERRED TO A HIGHER PRESSURE SYSTEM HAVE UPGRADED PRESSURE REGULATORS INSTALLED PRIOR TO ACTIVATION.

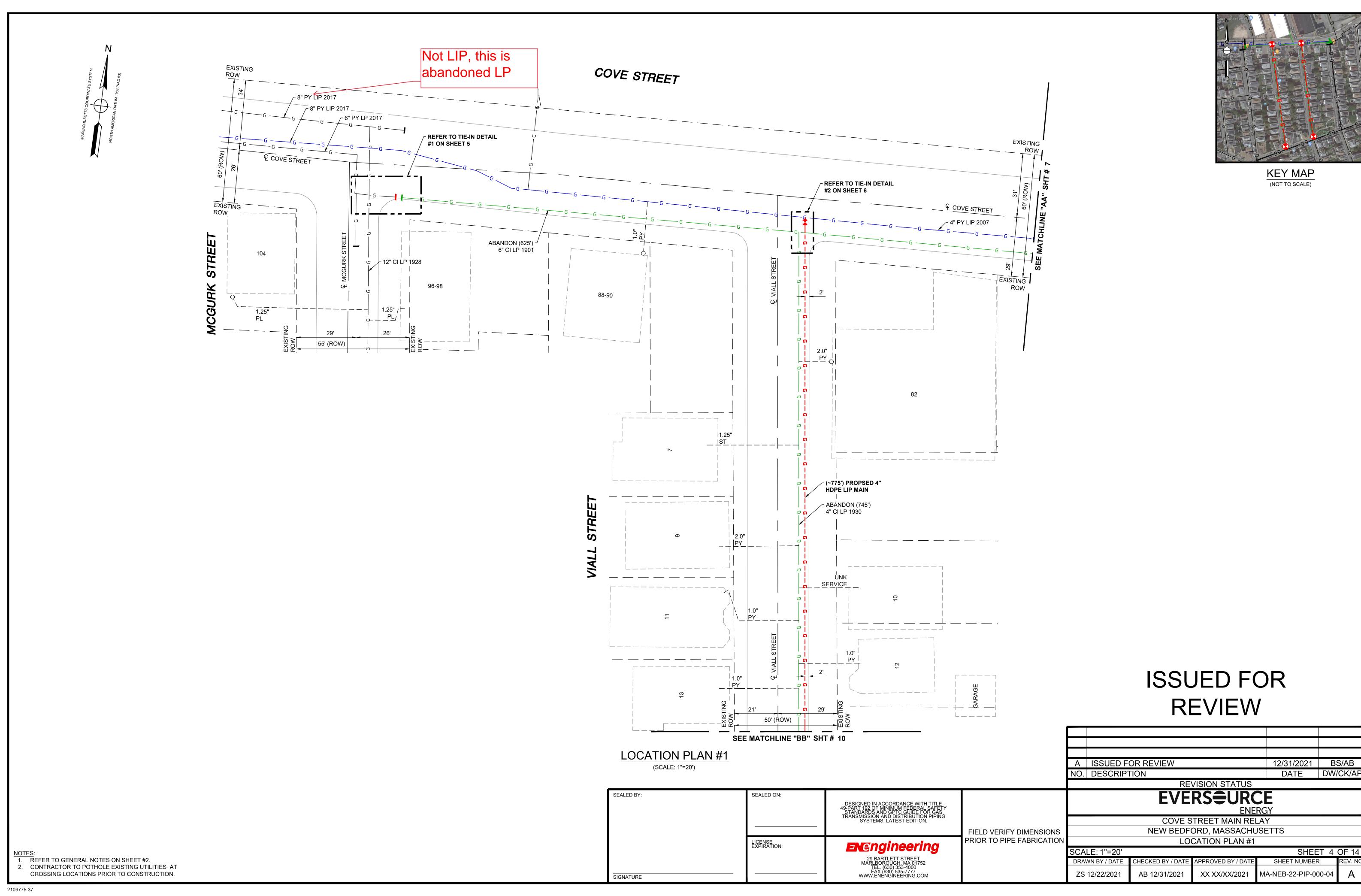
					COVE STREET - MASTER BOM
ltem#	Size	Quanity	Units	Maximo #	Description
11	4"	4	EA	501002	VALVE,BALL, 4 IN, POLYETHYLENE, SDR 11, BUTT WELD, W/ FULL PORT OPENING, TO BE USED W/ BRAND SADDLE INST, P100
45	4"	AS REQUIRED	EA	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100
90	4"	AS REQUIRED	EA	542538	CAP, PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100
119	6"	2	EA	546254	FITTING, TRANSITION, 6 IN IPS CS X 6 IN IPS PE4710, SDR 11, STEEL WELD X PLASITC BUTT END
134	4" X 1/2"	10	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/PE10
201	4"	4	EA	578128	FITTING, COUPLING, VENTED, SEAL & RESTRAINT, 4 IN, W/ END CAP, FOR CAST IRON PIPE
202	6"	2	EA	578129	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 6 CI PIPE
220	4" x 2"	16	EA	543028	CLAMP, PIPE, REPAIR, 4 IN IPS, SS, W/2 IN TAP
221	6" x 2"	5	EA	578021	FITTING, CLAMP, SERVI-SEAL REPAIR, 6 IN DIA, 9 IN LG, W/ 2 IN OUTLET, FOR STEEL PIPE
241	4" x 4"	2	EA	584552	SADDLE, PIPE, TEE, BRANCH, 4 IN IPS X 4 IN IPS, ELECTROFUSION, HDPE, BLACK, ASTM F1055, W/BUTT FUSION OUTLET, WAS ITEM 579468, NSTAR M-140
249	3/4" x 1/2"	2	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/BOX
254	4"	2	EA	578137	FITTING, TEE, SHORTSTOPP, 3-WAY, 4 IN
362	4"	1485	LF	554008	PIPE, 4 IN IPS X 0.409 IN THK WALL SDR 11, 4.5 IN OD, 40 FT LG, POLYETHYLENE, PE3408/PE100, 1200 FT/BUNDLE
369	1/2"	AS REQUIRED	EA	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609
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
738	5 1/4" square	4	EA	577814	BOX VALVE, W/ 5-1/4 IN SQ NON-LOCKING LID, FOR 4 IN VALVES, PAVEMENT RISER RING IN 583488,

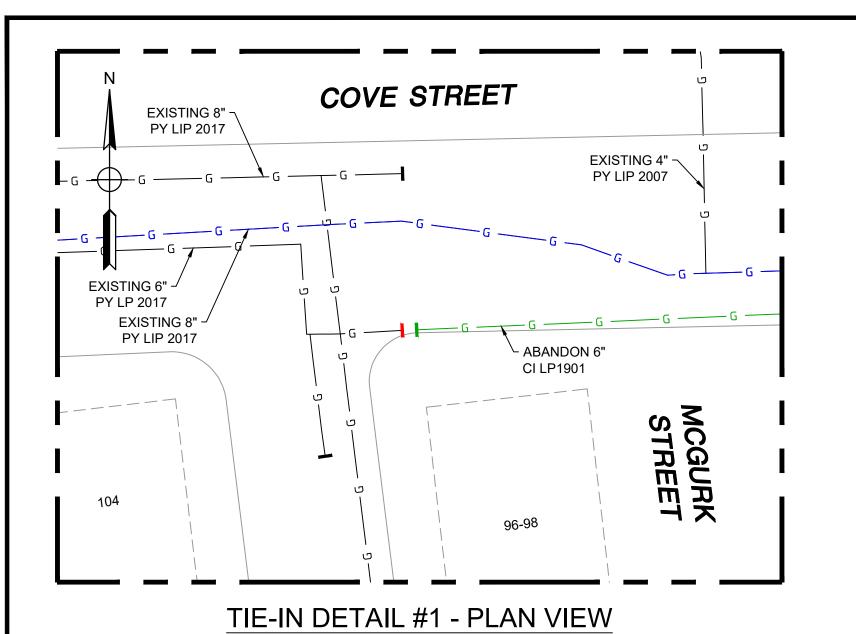
^{*}ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

ISSUED FOR REVIEW

				Α	ISSUED FO	OR REVIEW		12/31/2021	BS/AB
				NO.	DESCRIP1	ΓΙΟΝ		DATE	DW/CK/AP
							VISION STATUS		
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		I RANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.				COVE S	TREET MAIN RE	LAY	
			FIELD VERIFY DIMENSIONS			NEW BEDF	ORD, MASSACHU	JSETTS	
	LICENSE EXPIRATION:	EN Engineering	PRIOR TO PIPE FABRICATION			GENERAL N	OTES AND MAST	TER BOM	
	EXTRACTION.			SCAL	E: NOT TO	SCALE		SHEE	T 2 OF 14
		29 BARTLETT STREET MARLBORGUGH, MA 01752		DRAW	VN BY / DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	REV. NO.
SIGNATURE		29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM		ZS 1	12/22/2021	AB 12/31/2021	XX XX/XX/2021	MA-NEB-22-PIP-00	0-02 A



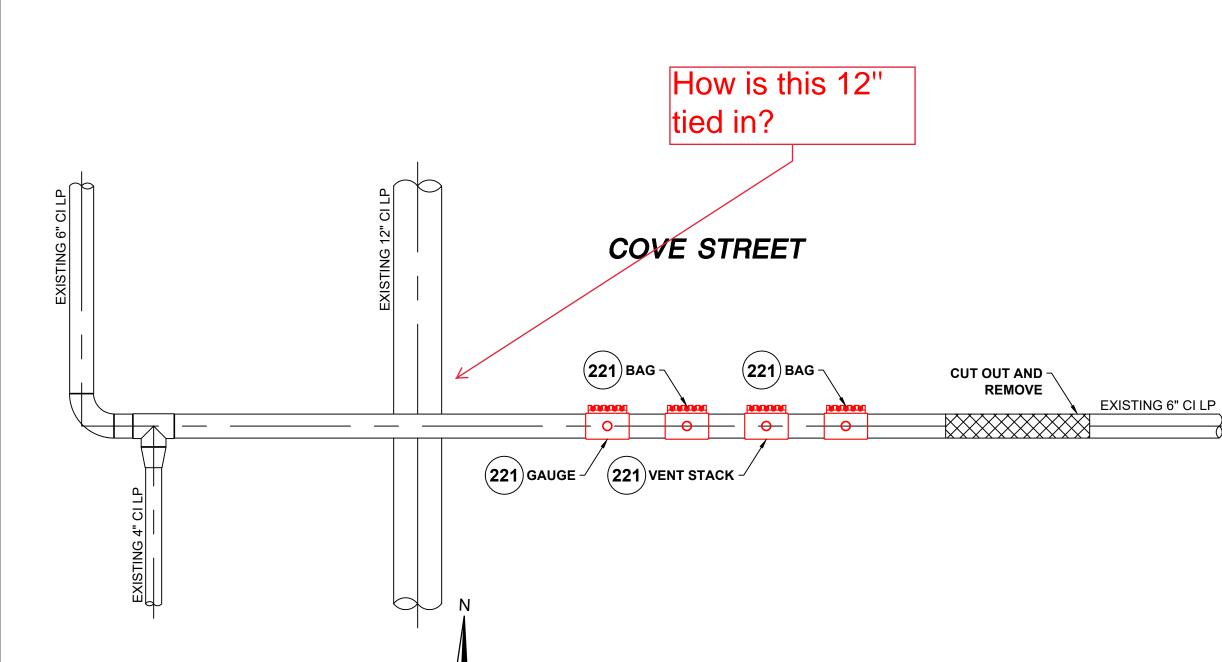




(SCALE: 1"=20') (REFER TO SHEET #4)

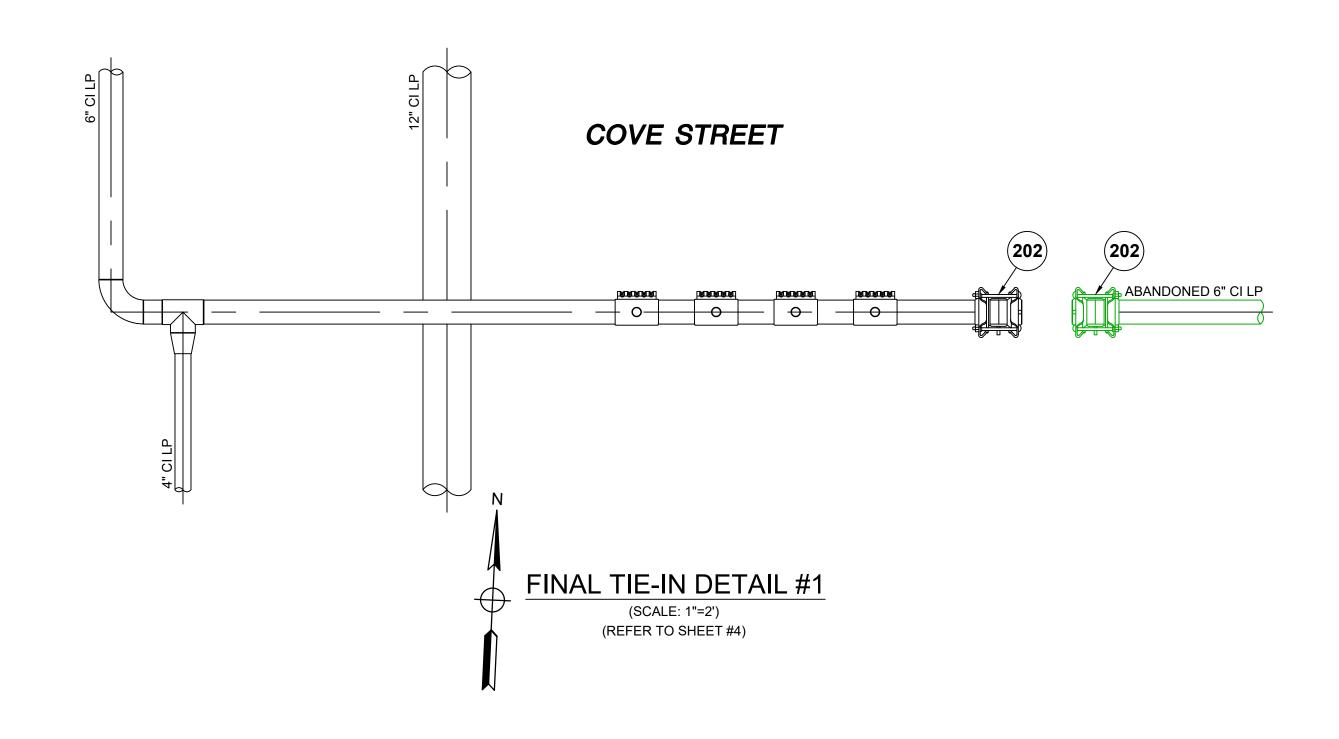
COVE STRE	COVE STREET, NEW BEDFORD, MA - Tie-in #1: Preparatory								
REQUIRED	REQUIRED BILL OF MATERIALS								
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units				
221	6" x 2"	578021	FITTING, CLAMP, SERVI-SEAL REPAIR, 6 IN DIA, 9 IN LG, W/ 2 IN OUTLET, FOR STEEL PIPE	4	EA				

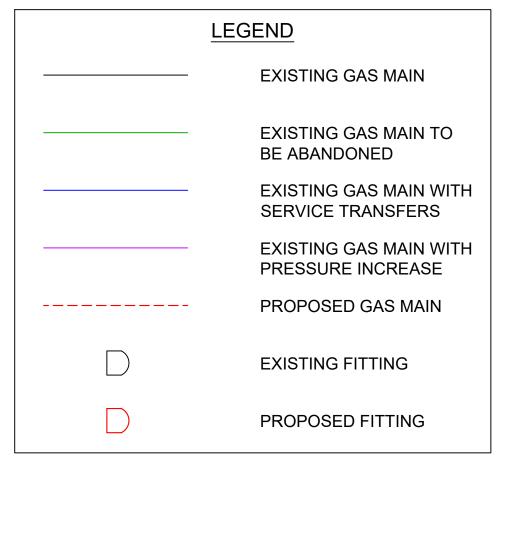
COVE STREET, NEW BEDFORD, MA - Tie-in #1: Final									
REQUIRED BILL OF MATERIALS									
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units				
202	6"	578129	FITTING, COUPLING, VENTED, INSULATED, W/ END CAP, FOR 6 CI PIPE	2	EA				



PREPARATORY TIE-IN DETAIL #1

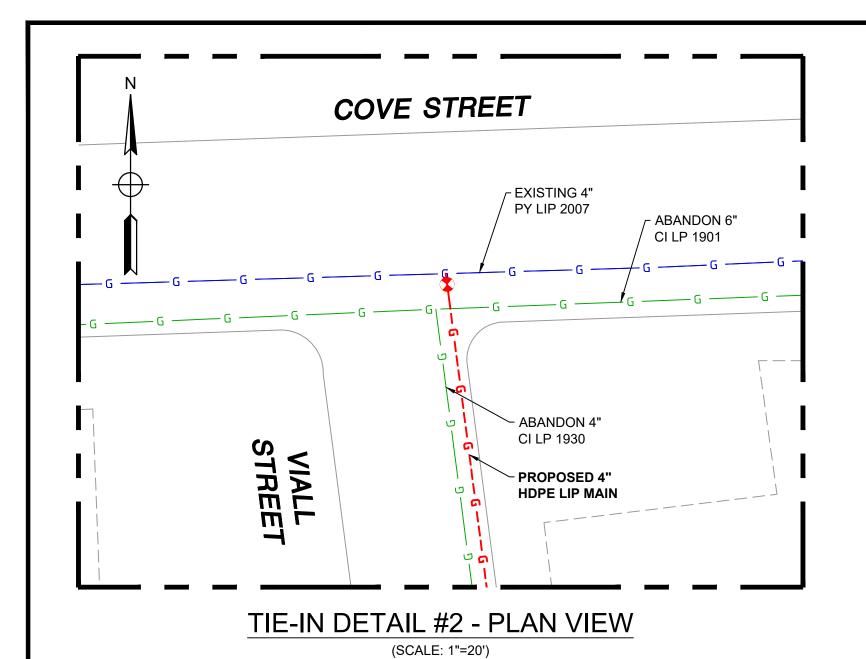
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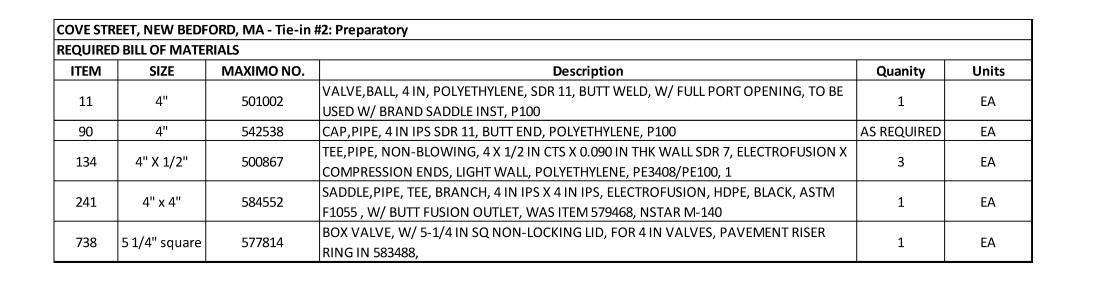


ISSUED FOR REVIEW

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SEALED BY:	SEALED ON:	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.			EVE		RGY			
	LICENSE EXPIRATION:		FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION		NEW BEDF		ET MAIN RELAY MASSACHUSETTS AIL #1 AND BOM			
SIGNATURE		ENENGINEERING 29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM		SCALE: AS NO DRAWN BY / DATE ZS 12/22/2021	CHECKED BY / DATE AB 12/31/2021			_		



(REFER TO SHEET #4)



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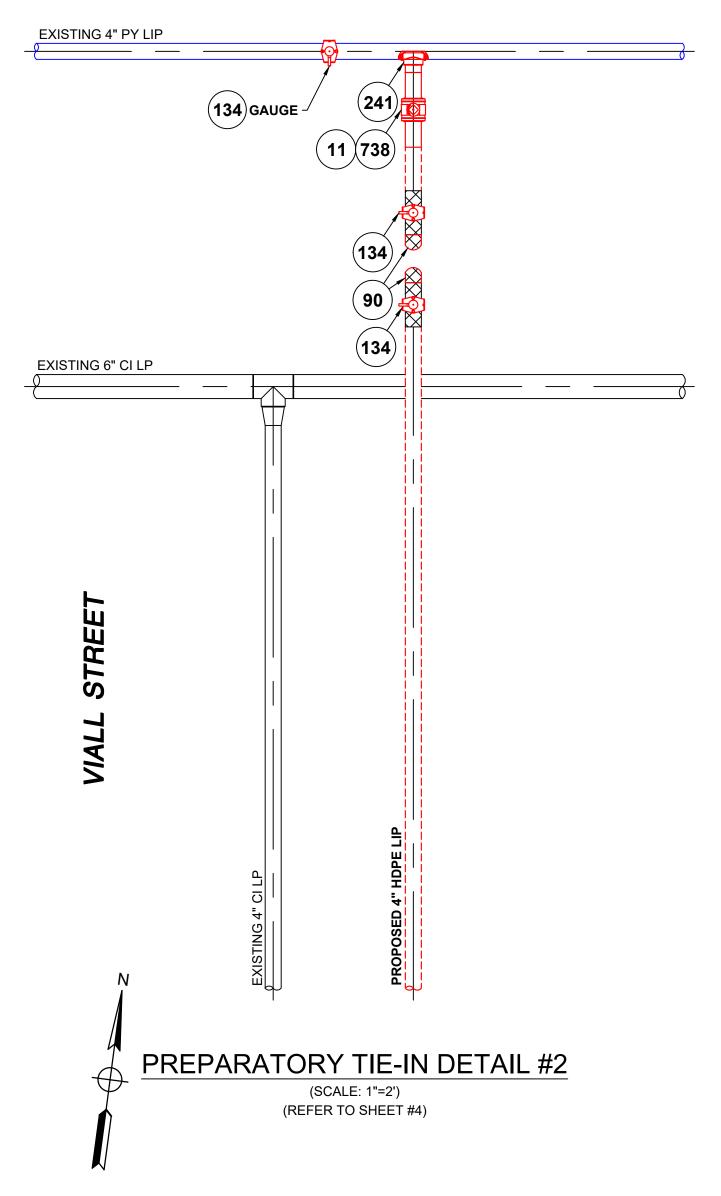
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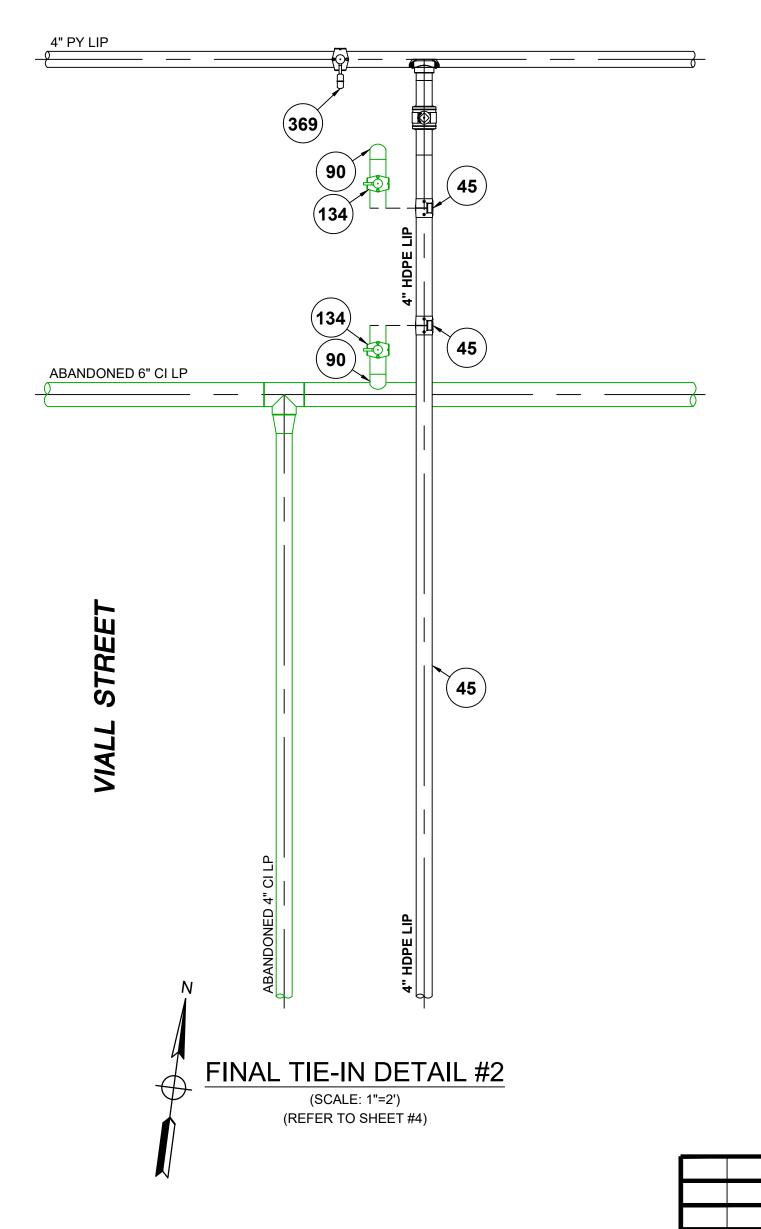
LICENSE EXPIRATION:

COVE STR	EET, NEW BEDF	ORD, MA - Tie-in	#2: Final						
REQUIRED	EQUIRED BILL OF MATERIALS								
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units				
45	4"	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100	AS REQUIRED	EA				
90	4"	542538	CAP, PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	2	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				
362	4"	554008	PIPE, 4 IN IPS X 0.409 IN THK WALL SDR 11, 4.5 IN OD, 40 FT LG, POLYETHYLENE, PE3408/PE100, 1200 FT/BUNDLE	20	LF				
369	1/2"	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	AS REQUIRED	EA				

COVE STREET



COVE STREET



ENEngineering

29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM

ISSUED FOR REVIEW

LEGEND

EXISTING GAS MAIN

BE ABANDONED

EXISTING GAS MAIN TO

EXISTING GAS MAIN WITH SERVICE TRANSFERS

EXISTING GAS MAIN WITH PRESSURE INCREASE

PROPOSED GAS MAIN

EXISTING FITTING

PROPOSED FITTING

MA-NEB-22-PIP-000-06

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	Α	ISSUED FOR REVIEW	12/31/2021		BS/AB
	NO.	DESCRIPTION	DATE		DW/CK/A
		REVISION STATUS			
		EVERS\$\rightarrow\$URC	E		
		ENERG	SY		
		COVE STREET MAIN RELA	Y		
FIELD VERIFY DIMENSIONS		NEW BEDFORD, MASSACHUSE	ETTS		
PRIOR TO PIPE FABRICATION		TIE-IN DETAIL #2 AND BON	Л		
	SCA	LE: AS NOTED (DO NOT SCALE FROM DRAWIN	IGS) SHE	ET	6 OF 1

XX XX/XX/2021

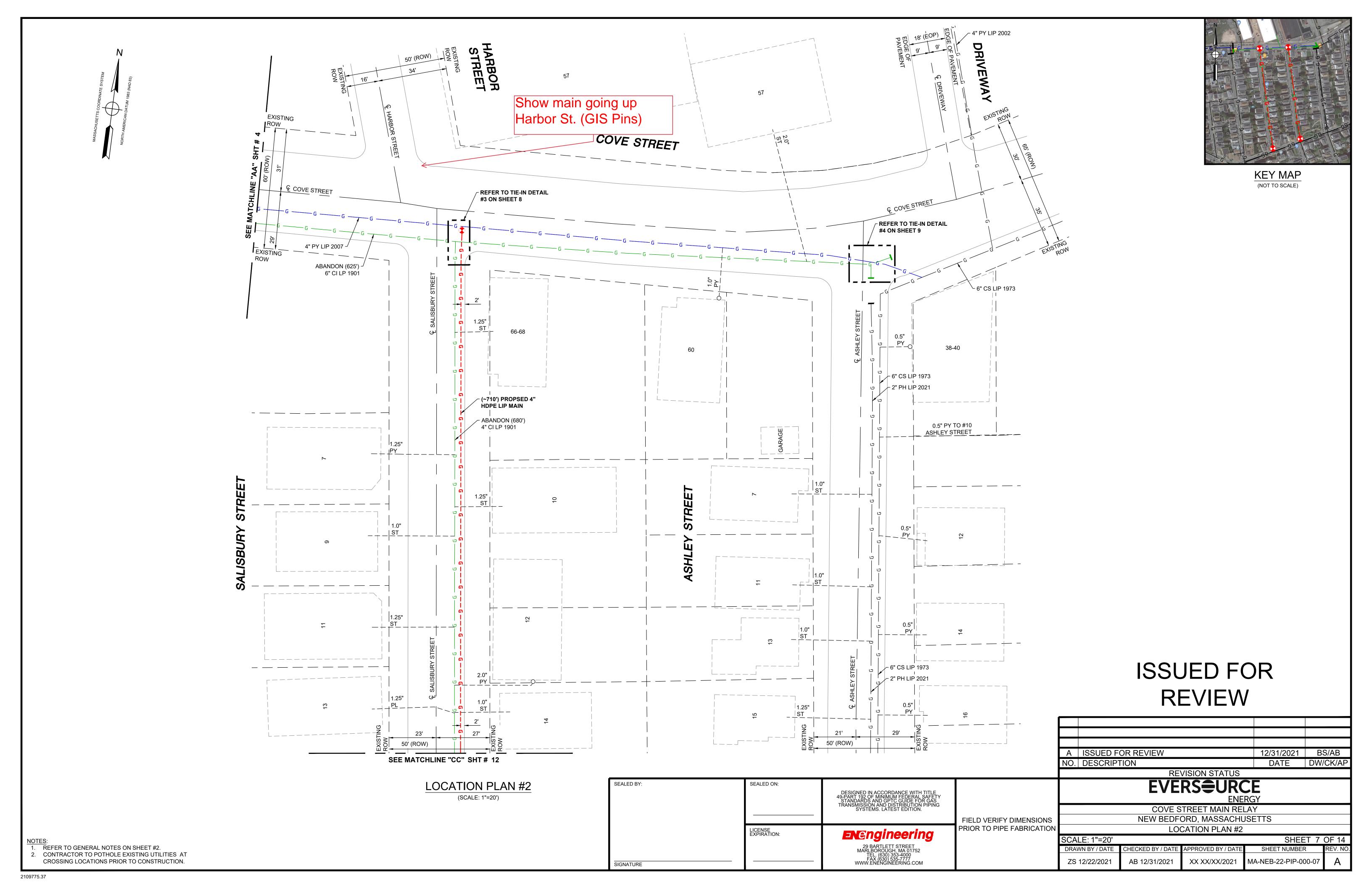
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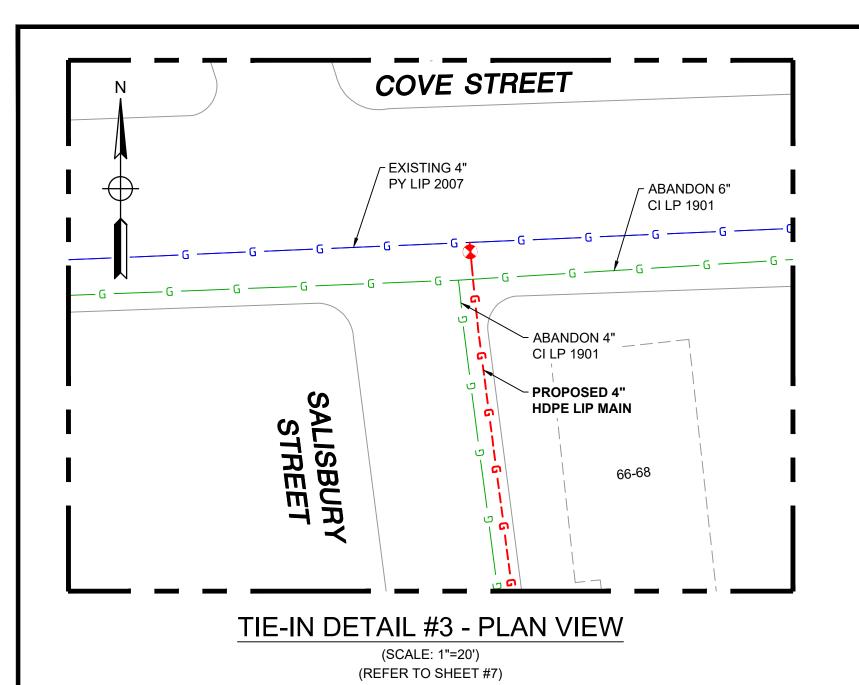
ZS 12/22/2021

NOTES:

1. REFER TO GENERAL NOTES ON SHEET #2.

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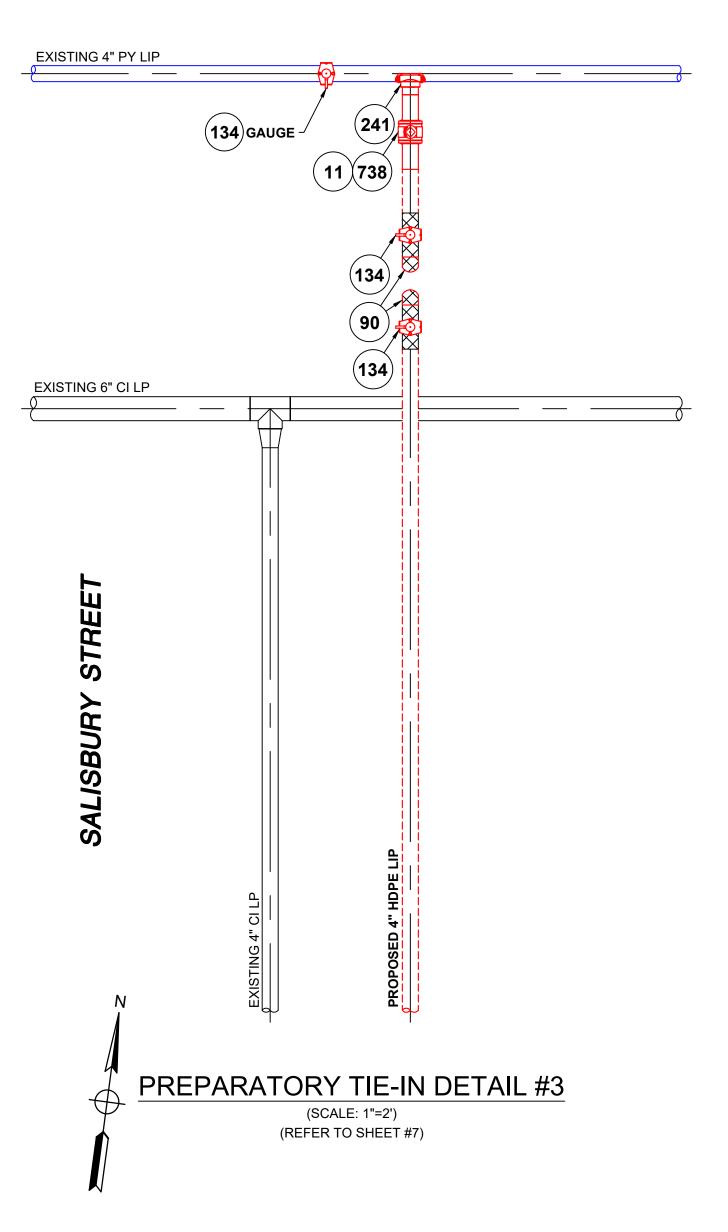


REQUIRED BILL OF MATERIALS									
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units				
11	4"	501002	VALVE, BALL, 4 IN, POLYETHYLENE, SDR 11, BUTT WELD, W/ FULL PORT OPENING, TO BE USED W/ BRAND SADDLE INST, P100	1	EA				
90	4"	542538	CAP,PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	AS REQUIRED	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	3	EA				
241	4" x 4"	584552	SADDLE, PIPE, TEE, BRANCH, 4 IN IPS X 4 IN IPS, ELECTROFUSION, HDPE, BLACK, ASTM F1055, W/BUTT FUSION OUTLET, WAS ITEM 579468, NSTAR M-140	1	EA				
738	5 1/4" square	577814	BOX VALVE, W/ 5-1/4 IN SQ NON-LOCKING LID, FOR 4 IN VALVES, PAVEMENT RISER RING IN 583488,	1	EA				

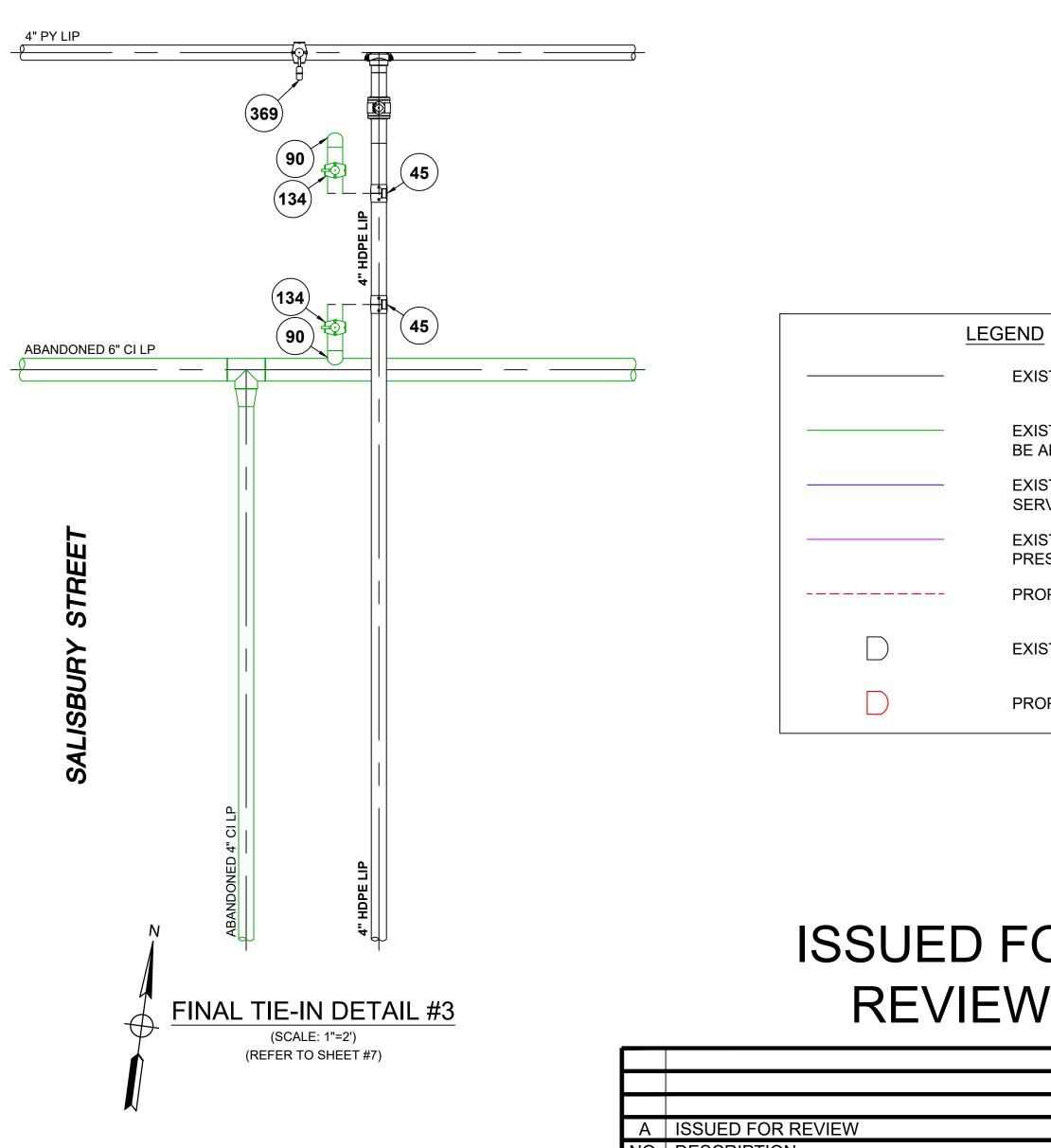
SIGNATURE

REQUIRED BILL OF MATERIALS								
ITEM	SIZE	MAXIMO NO.	Description	Quanity	Units			
45	4"	500855	COUPLING, PIPE, 4 IN IPS, ELECTROFUSION, PLASTIC, P100	AS REQUIRED	EA			
90	4"	542538	CAP,PIPE, 4 IN IPS SDR 11, BUTT END, POLYETHYLENE, P100	2	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			
362	4"	554008	PIPE, 4 IN IPS X 0.409 IN THK WALL SDR 11, 4.5 IN OD, 40 FT LG, POLYETHYLENE, PE3408/PE100, 1200 FT/BUNDLE	20	LF			
369	1/2"	579972	FITTING, CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	AS REQUIRED	EA			





COVE STREET



ISSUED FOR REVIEW

EXISTING GAS MAIN

BE ABANDONED

EXISTING GAS MAIN TO

EXISTING GAS MAIN WITH SERVICE TRANSFERS

EXISTING GAS MAIN WITH PRESSURE INCREASE

PROPOSED GAS MAIN

EXISTING FITTING

PROPOSED FITTING

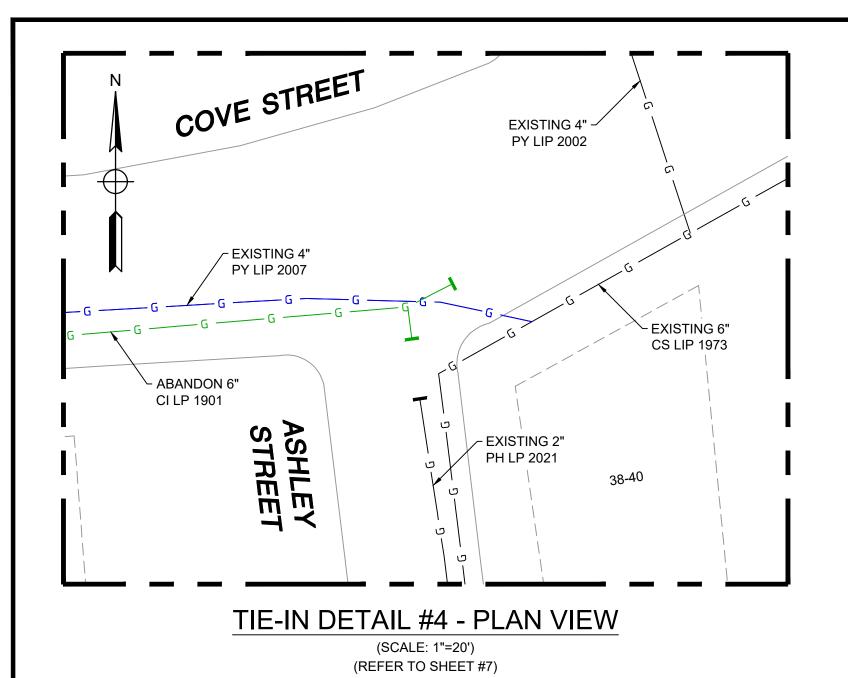
	Α	ISSUED FOR REVIEW	12/31/2021	BS/AB
	NO.	DESCRIPTION	DATE	DW/CK/AP
		REVISION STATUS		
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SEALED ON: SEALED BY: FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION LICENSE EXPIRATION: **EN**Engineering 29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM

EVERS©URCE COVE STREET MAIN RELAY

NEW BEDFORD, MASSACHUSETTS TIE-IN DETAIL #3 AND BOM

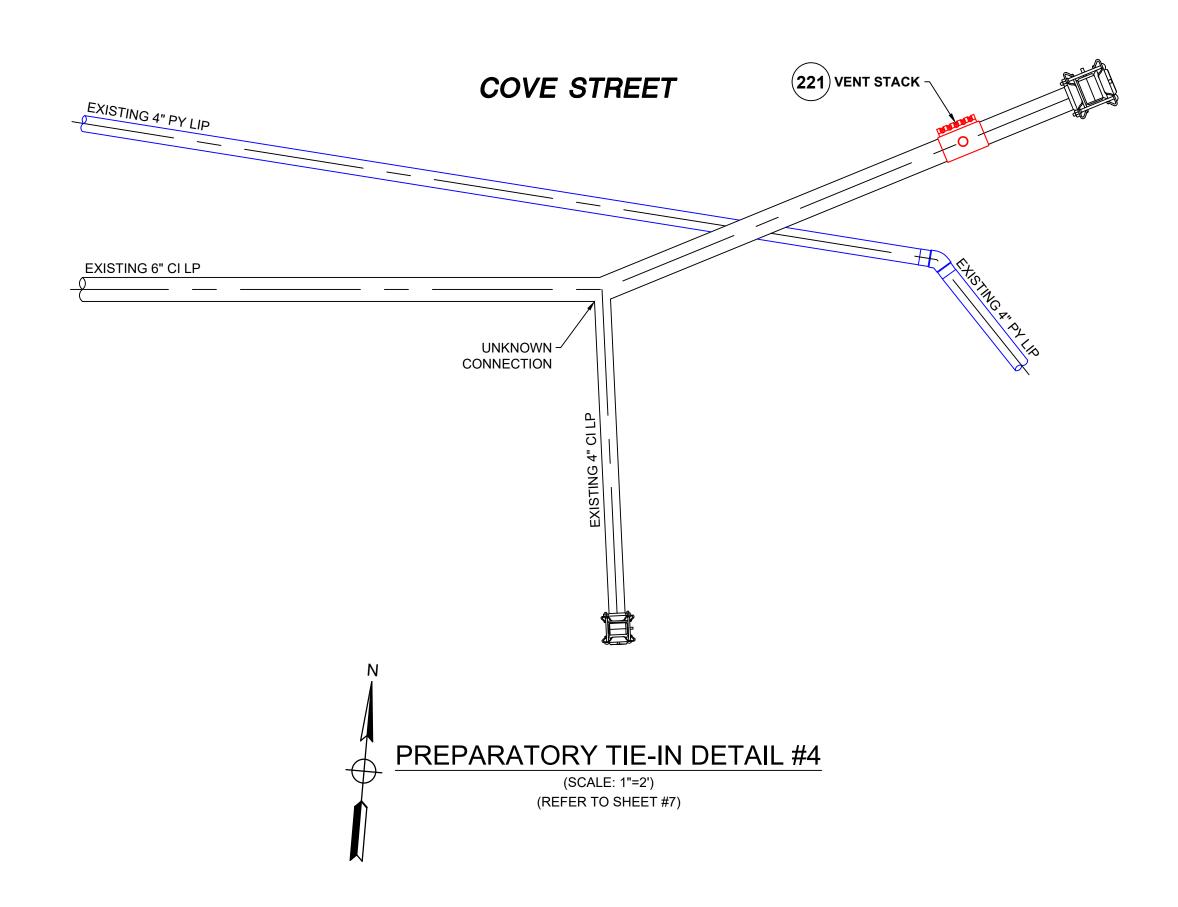
SCALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 8 OF 14 XX XX/XX/2021 MA-NEB-22-PIP-000-08 ZS 12/22/2021 AB 12/31/2021

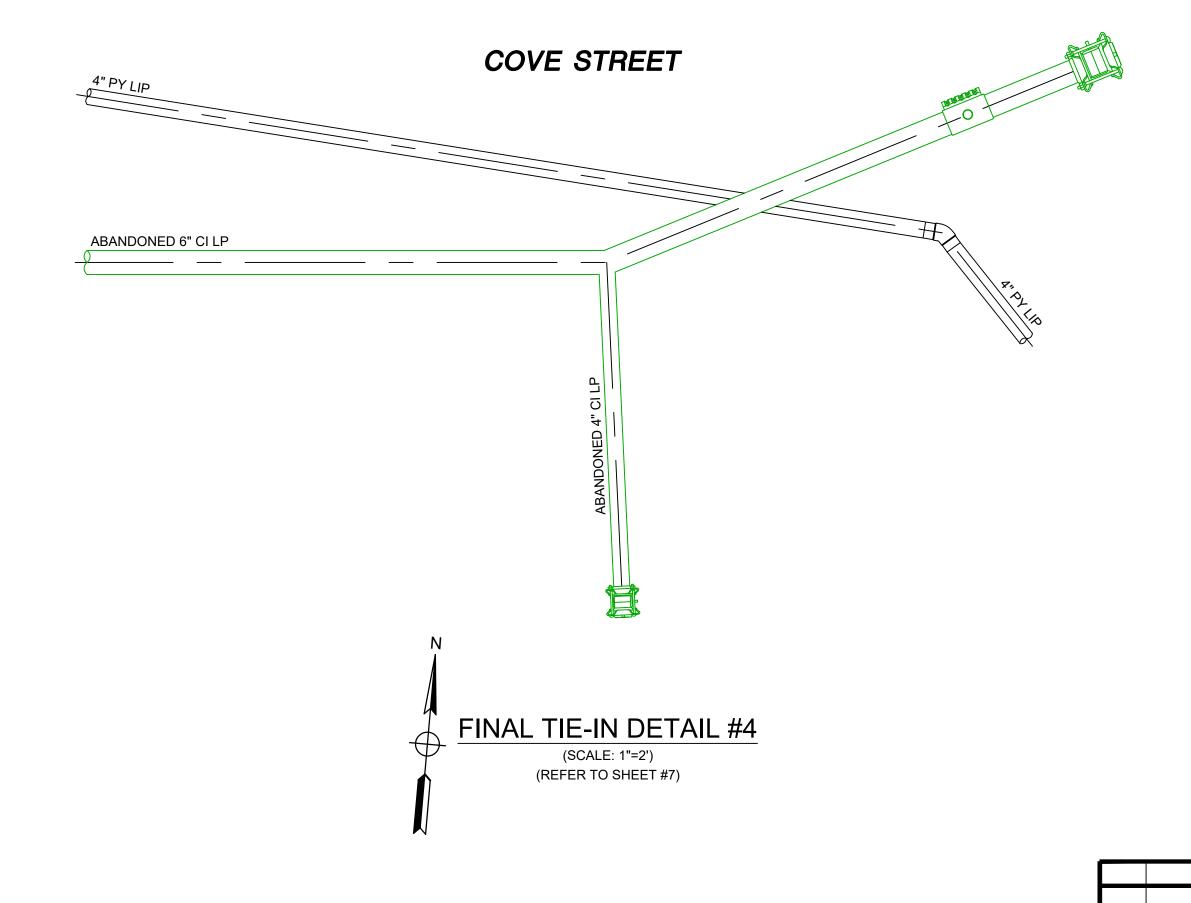


	COVE STREET, NEW BEDFORD, MA - Tie-in #4: Preparatory								
REQUIRED BILL OF MATERIALS ITEM SIZE MAXIMO NO. Description Quanity Units									
221	6" x 2"	578021	FITTING,CLAMP, SERVI-SEAL REPAIR, 6 IN DIA, 9 IN LG, W/ 2 IN OUTLET, FOR STEEL PIPE	1	EA				

SEALED BY:

SIGNATURE



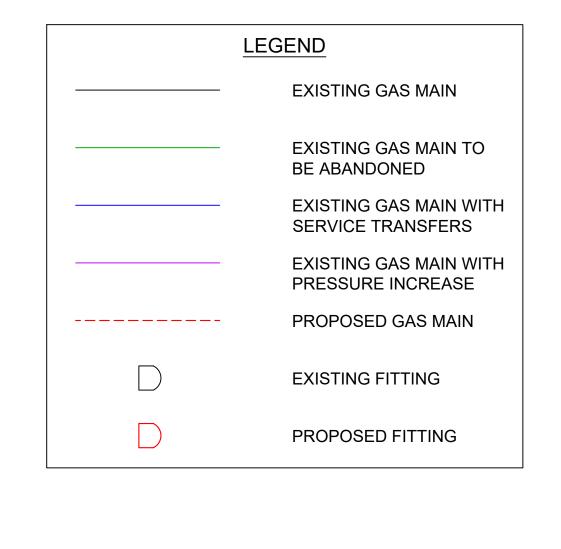


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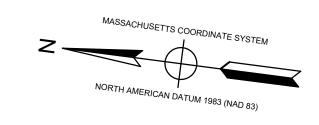
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LICENSE EXPIRATION:



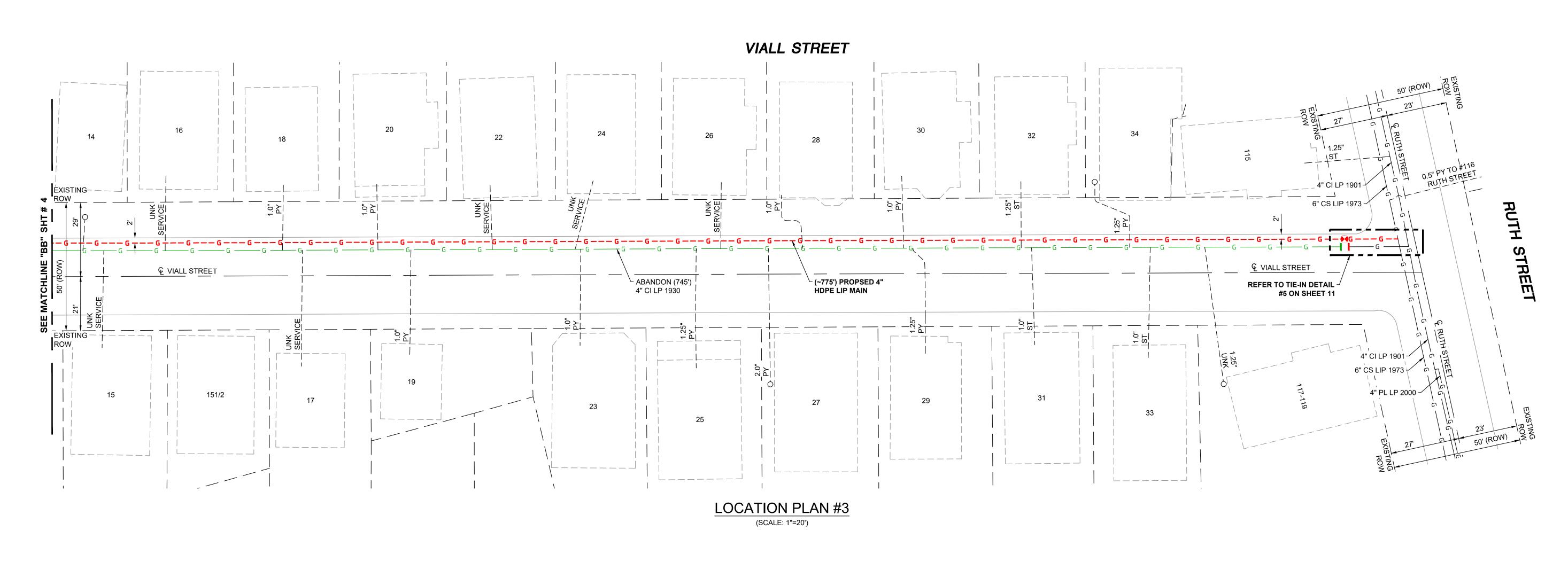
ISSUED FOR REVIEW

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		EVERSURCE							
		ENERGY							
				COVE S	TREET MAIN REL	_AY			
	FIELD VERIFY DIMENSIONS			NEW BEDF	ORD, MASSACHU	ISETTS			
	PRIOR TO PIPE FABRICATION	TIE-IN DETAIL #4 AND BOM							
		SCA	LE: AS NOT	ED (DO NOT SC	ALE FROM DRAW	/INGS) SHEE	T 9	OF 14	
		DRA	WN BY / DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	₹	REV. NO.	
		ZS	12/22/2021	AB 12/31/2021	XX XX/XX/2021	MA-NEB-22-PIP-0	00-09	Α	





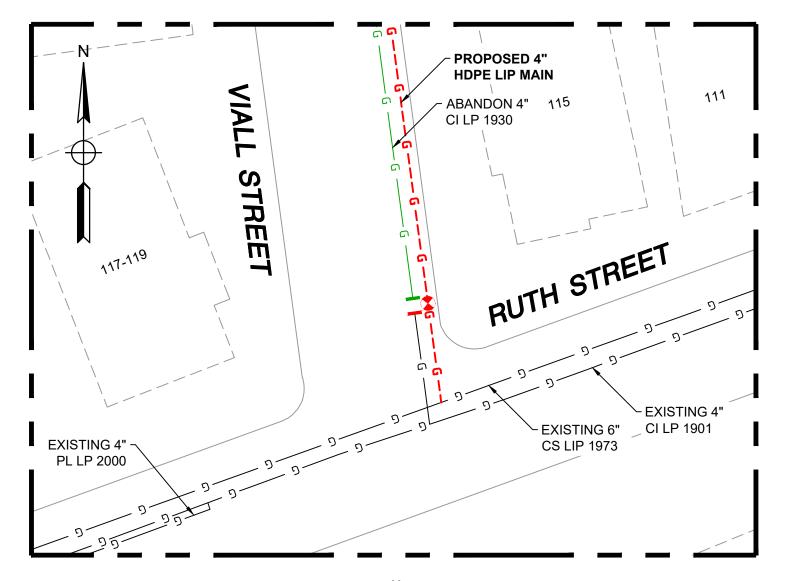
KEY MAP
(NOT TO SCALE)

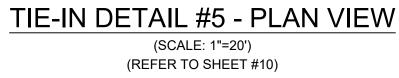


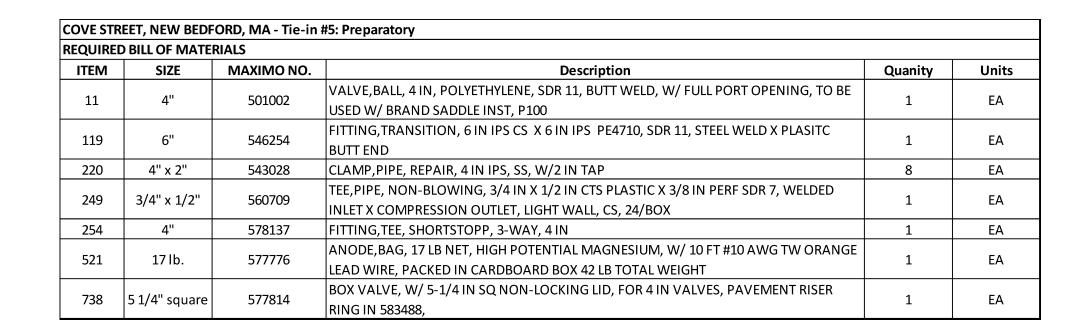
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		DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.			COVE S	STREET MAIN RE	LAY	
		-	FIELD VERIFY DIMENSIONS		NEW BEDF	ORD, MASSACHL		
	LICENSE EXPIRATION:	ENE ngineering	PRIOR TO PIPE FABRICATION	LOCATION PLAN #3				
				SCALE: 1"=20'			SHEE	T 10 OF 14
		29 BARTLETT STREET MARLBOUGH, MO1752		DRAWN BY / DATE	CHECKED BY / DATE	APPROVED BY / DATE	SHEET NUMBER	REV. NO
SIGNATURE		29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM		ZS 12/22/2021	AB 12/31/2021	XX XX/XX/2021	MA-NEB-22-PIP-00	00-10 A

REFER TO GENERAL NOTES ON SHEET #2.
 CONTRACTOR TO POTHOLE EXISTING UTILITIES AT CROSSING LOCATIONS PRIOR TO CONSTRUCTION.

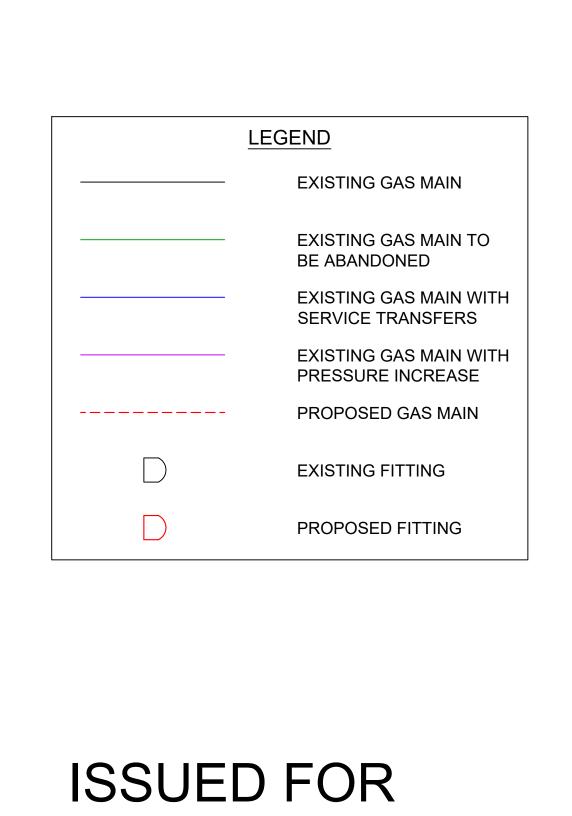


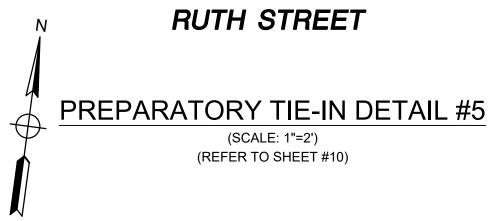




COVE STREET, NEW BEDFORD, MA - Tie-in #5: Final									
REQUIRED	BILL OF MATE	RIALS							
ITEM	TEM SIZE MAXIMO NO. Description								
201	4"	578128	FITTING,COUPLING, VENTED, SEAL & RESTRAINT, 4 IN, W/ END CAP, FOR CAST IRON PIPE	2	EA				
362	4"	554008	PIPE, 4 IN IPS X 0.409 IN THK WALL SDR 11, 4.5 IN OD, 40 FT LG, POLYETHYLENE, PE3408/PE100, 1200 FT/BUNDLE	30	LF				
369	1/2"	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	AS REQUIRED	EA				







SIGNATURE

FINAL TIE-IN DETAIL #5 (SCALE: 1"=2') (REFER TO SHEET #10)

REVIEW A ISSUED FOR REVIEW 12/31/2021 BS/AB

REVISION STATUS

DW/CK/AF

DATE

MA-NEB-22-PIP-000-1

SEALED BY: SEALED ON: LICENSE EXPIRATION: **EN**Engineering 29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

EVERSURCE COVE STREET MAIN RELAY NEW BEDFORD, MASSACHUSETTS

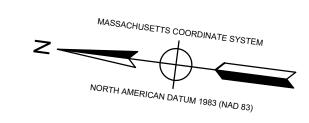
AB 12/31/2021

NO. DESCRIPTION

ZS 12/22/2021

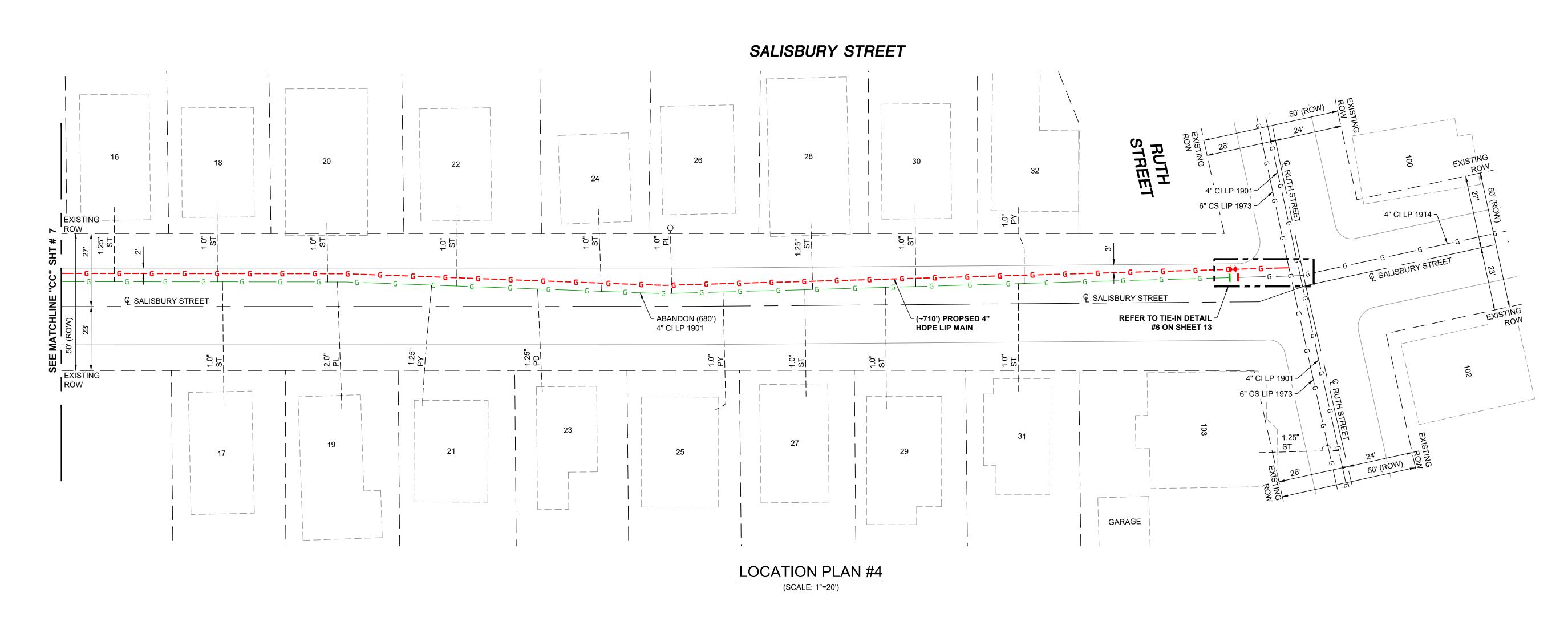
TIE-IN DETAIL #5 AND BOM SCALE: AS NOTED (DO NOT SCALE FROM DRAWINGS) SHEET 11 OF 14

XX XX/XX/2021





KEY MAP
(NOT TO SCALE)

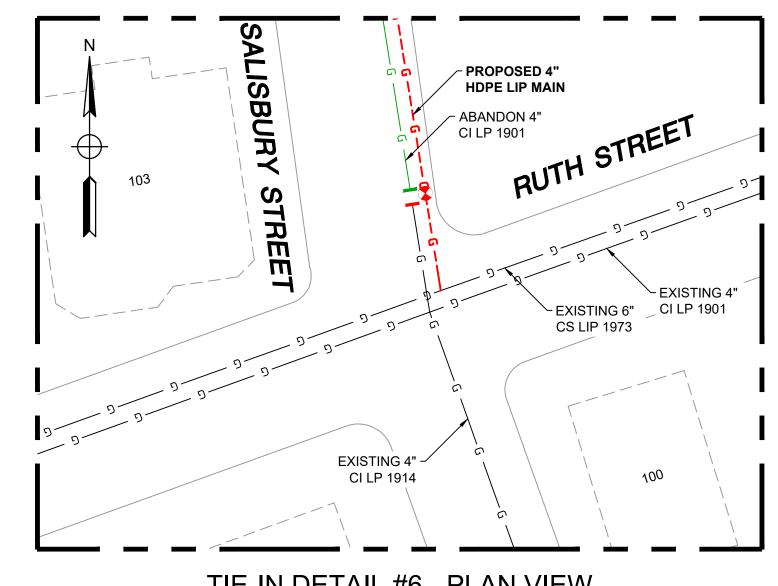


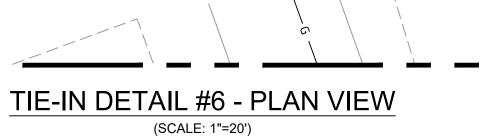
ISSUED FOR REVIEW

				A ISSUED F	RE	EVISION STATUS	12/31/2021 DATE	BS/AB DW/CK/AP
SEALED BY:	SEALED ON:	DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS. LATEST EDITION.	FIELD VERIFY DIMENSIONS		COVE	ERSEUR(ENE STREET MAIN RE FORD, MASSACHI	RGY LAY	
SIGNATURE	LICENSE EXPIRATION:	ENENGINEERING 29 BARTLETT STREET MARLBOROUGH, MA 01752 TEL. (630) 353-4000 FAX (630) 535-7777 WWW.ENENGINEERING.COM	PRIOR TO PIPE FABRICATION	SCALE: 1"=20' DRAWN BY / DATE ZS 12/22/2021		APPROVED BY / DATE XX XX/XX/2021	SHEE	

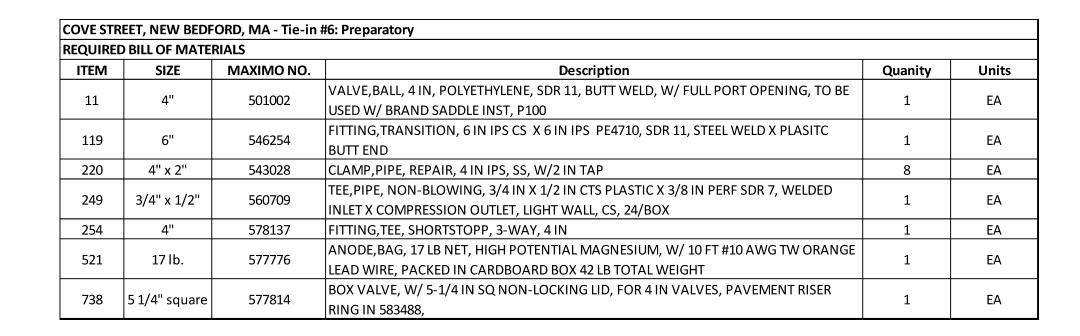
NOTES: 1. REF

REFER TO GENERAL NOTES ON SHEET #2.
 CONTRACTOR TO POTHOLE EXISTING UTILITIES AT CROSSING LOCATIONS PRIOR TO CONSTRUCTION.





(REFER TO SHEET #12)



COVE STREET, NEW BEDFORD, MA - Tie-in #6: Final									
REQUIRED BILL OF MATERIALS									
ITEM	TEM SIZE MAXIMO NO. Description								
201	4"	578128	FITTING, COUPLING, VENTED, SEAL & RESTRAINT, 4 IN, W/ END CAP, FOR CAST IRON PIPE	2	EA				
362	4"	554008	PIPE, 4 IN IPS X 0.409 IN THK WALL SDR 11, 4.5 IN OD, 40 FT LG, POLYETHYLENE, PE3408/PE100, 1200 FT/BUNDLE	30	LF				
369	1/2"	579972	FITTING,CAP, METFIT, 1/2 IN CTS X 0.90 IN THK WALL SDR 7, REPLACED IN 542609	AS REQUIRED	EA				

