



CITY COUNCIL

City Clerk's Office 3/29/2022

Regular Meeting Agenda~

I hereby notify you that the following items of business have been filed with this office and can be acted upon at the meeting of the City Council **Monday April 4, 2022** at 07:00 PM.

City Clerk

Possible Public Speak-Out Time 6:30 PM

Call to Order

7:00 PM Meeting called to order on April 4, 2022 at Virtual Meeting (Zoom)

Moment of Silence - Pledge of Allegiance

Reports of Committee

Informational

- (1.) February Revenue Vs. Expenditure Report (Mayor Sarno)
- (2.) February Law Department Expenditure Report (Mayor Sarno)

Petitions

- (3.) Eversource- Mill & Locust St.
- (4.) Comcast-Locust St,
- (5.) Eversource/Gas-Wilmonst St.
- (6.) Eversource/Gas- Melha Ave.

Grants

- (7.) HUD Continuum of Care Grant - No Match - \$6,470,022.00 (Mayor Sarno)
- (8.) EOHHS Youth Homelessness Grant Increase - \$1,763,178.00 - No Match (Mayor Sarno)
- (9.) FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73 (Mayor Sarno)

Orders

- (10.) Order Authorizing Contract Over 3 Years for Lease Purchase Financing of School Computers (Mayor Sarno)
- (11.) FY23 Annual Audit Plan (Supervisor No)
Presentation of the Office of Internal Audit's Fiscal Year 2023 Goals

Resolutions

- (12.) Fair Share Amendment
- (13.) Notification of Economic Development Projects
- (14.) Paraprofessional Resolution
- (15.) Free Transportation Resolution

Statement of Revenues and Other Sources,
and Expenditures and Other Uses
Budget and Actual - General Fund

For the period ended
02/28/22

Revenues and Other Sources:	Revised Budget	Actual	Variance Over/(Under)	%
Real Estate & Personal Property Taxes	232,850,632	173,165,414	(59,685,218)	74
Real Estate & Personal Property Taxes - Tax Liens	-	758,188	758,188	0
Motor Vehicle Excise	10,439,074	4,393,097	(6,045,977)	42
Penalties, interest and other taxes	17,857,057	2,524,789	(15,332,268)	14
Charges for Services	9,892,663	8,870,476	(1,022,187)	90
Intergovernmental	463,267,916	307,821,912	(155,446,003)	66
Licenses and Permits	3,934,664	3,235,432	(699,232)	82
Fines and Forfeits	446,733	295,597	(151,136)	66
Interest earned on Investments	1,356,523	534,019	(822,504)	39
Miscellaneous	4,934,282	4,047,619	(886,664)	82
FY 2021 Net School Spending Shortfall (a.)	15,825,515	15,825,515	-	100
Stabilization Reserves - Settlements	5,000,000	5,000,000	-	100
Free Cash	2,500,000	2,500,000	-	100
Other Financing Sources - ARPA Grant	12,080,086	12,312,711	232,625	102
Total Revenues and Other Sources	780,385,145	541,284,769	(239,100,376)	69
Expenditures and Other Uses:				
General government	32,460,633	19,395,912	13,064,722	60
Public safety				
Police	51,928,503	32,624,885	19,303,618	63
Fire	24,858,542	16,495,234	8,363,308	66
Centralized Dispatch	1,993,283	1,180,397	812,886	59
Other	4,517,296	2,843,571	1,673,725	63
Health and Welfare	4,425,207	2,351,282	2,073,925	53
Public works	11,160,231	9,596,803	1,563,428	86
Education	511,382,143	322,010,358	189,371,785	63
Culture and recreation	14,581,107	9,500,703	5,080,403	65
Pension and fringe	82,679,805	71,580,078	11,099,727	87
State and district assessments	3,843,098	2,590,455	1,252,642	67
Debt Service	26,089,357	19,912,503	6,176,855	76
Pay as you go Capital	4,207,801	3,103,068	1,104,733	74
Other Financing Use - Trash Enterprise Supplement	6,258,139	6,258,139	-	100
Total Expenditures and Other Uses	780,385,145	519,443,389	260,941,757	67
Excess (deficiency) of revenues and other sources over expenditures and other uses	-	21,841,380	21,841,380	

(a.) The FY 2021 Net School Spending Requirement shortfall must be appropriated in the School Budget pursuant to Chapter 70. Section 11 of the Education Reform Act of 1993.

Attachment: February Revenue Vs. Expenditure Report (6705 : February Revenue Vs. Expenditure Report)

CITY OF SPRINGFIELD, MASSACHUSETTS
Budget and Actual - General Fund
Expenditures and Encumbrances
For the period ended
02/28/22

Expenditures and Other Uses:	Original Budget	Transfers In/(Out)	Revised Budget	Expenditure	Encumbrance	Variance Over/(Under)	%
General government	27,460,633	5,000,000	32,460,633	16,623,277	2,772,635	13,064,722	60%
Public safety							
Police	51,928,503	-	51,928,503	31,796,779	828,106	19,303,618	63%
Fire	24,858,542	-	24,858,542	16,146,941	348,293	8,363,308	66%
Centralized Dispatch	1,993,283	-	1,993,283	1,174,268	6,130	812,886	59%
Other	4,517,296	-	4,517,296	2,590,573	252,998	1,673,725	63%
Health and Welfare	4,425,207	-	4,425,207	2,174,496	176,787	2,073,925	53%
Public works	11,160,231	-	11,160,231	8,605,728	991,075	1,563,428	86%
Education	491,696,545	19,685,598	511,382,143	290,903,518	31,106,840	189,371,785	63%
Culture and recreation	14,581,107	-	14,581,107	8,698,224	802,480	5,080,403	65%
Pension and fringe	82,679,805	-	82,679,805	71,194,454	385,624	11,099,727	87%
State and district assessments	3,843,098	-	3,843,098	2,531,777	58,679	1,252,642	67%
Debt Service	26,089,357	-	26,089,357	19,912,503	-	6,176,855	76%
Pay as you go Capital	4,207,801	-	4,207,801	1,415,304	1,687,765	1,104,733	74%
Other Financing Use - Trash Enterprise Supplement	6,258,139	-	6,258,139	6,258,139	-	-	100%
Total Expenditures and Other Uses	755,699,547	24,685,598	780,385,145	480,025,981	39,417,408	260,941,757	67%

CITY OF SPRINGFIELD, MASSACHUSETTS

Yearly Comparision Revenue Vs. Expenditures
For the period ended
2/28/22 vs 2/28/21

<u>Revenues and Other Sources:</u>	<u>FY 2022</u> <u>Actual</u>	<u>FY 2021</u> <u>Actual</u>	<u>Increase/</u> <u>(Decrease)</u>	<u>Comments</u>
Real Estate & Personal Property Taxes	\$ 173,165,414	\$ 167,605,366	\$ 5,560,048	
Tax Liens	758,188	822,568	(64,381)	
Motor Vehicle Excise	4,393,097	5,336,003	(942,907)	FY 21 Extended due date
Penalties, interest and other taxes	2,524,789	4,671,670	(2,146,881)	
Charges for Services	8,870,476	7,084,556	1,785,921	
Intergovernmental	307,821,912	286,648,656	21,173,256	Increase in State Aid - Chapter 70
Licenses and Permits	3,235,432	2,555,002	680,430	
Fines and Forfeits	295,597	259,374	36,223	
Interest earned on Investments	534,019	1,736,960	(1,202,941)	IRS Sinking Fund Payment - FY 21
Miscellaneous	4,047,619	4,296,102	(248,483)	
Net School Spending Shortfall	15,825,515	14,792,138	1,033,377	Increase in NSS Carryover
Stabilization Reserves	5,000,000	6,809,000	(1,809,000)	Settlement Appropriation
Free Cash	2,500,000	4,519,786	(2,019,786)	
Other Financing Sources - ARPA	12,312,711	-	12,312,711	APRA Grant Fund Revenue
Total Revenues and Other Sources	541,284,769	507,137,181	34,147,588	

Expenditures and Other Uses:

General government	19,395,912	23,375,993	(3,980,081)	Settlement Payment in FY 21
Public safety				
Police	32,624,885	34,093,612	(1,468,727)	
Fire	16,495,234	16,449,684	45,550	
Centralized Dispatch	1,180,397	1,183,520	(3,122)	
Other	2,843,571	2,897,305	(53,734)	
Health and Welfare	2,351,282	2,243,116	108,166	
Public works	9,596,803	9,332,229	264,574	
Education	322,010,358	278,474,692	43,535,666	FY 22 Pension Payment & School Transportation
Culture and recreation	9,500,703	9,617,559	(116,856)	
Pension and fringe	71,580,078	55,292,610	16,287,468	FY 22 Pension Payment Timing
State and district assessments	2,590,455	2,520,384	70,071	
Debt Service	19,912,503	19,648,578	263,924	
Pay as you go Capital	3,103,068	1,469,006	1,634,062	
Trash Enterprise Supplement	6,258,139	5,690,177	567,961	Increase in Supplement in FY22
Total Expenditures and Other Uses	519,443,389	462,288,467	57,154,922	

Totals	\$ 21,841,381	\$ 44,848,714	\$ (23,007,334)
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Attachment: February Revenue Vs. Expenditure Report (6705 : February Revenue Vs. Expenditure Report)

Attachment: February Law Expenditure Report (6706 : February Law Department Expenditure Report)

City of Springfield - Law Department
Excessive Force/ Misconduct Cases Expenses
As of February 28, 2022

Beginning Balance Appropriation: 11/15/2021

\$ 5,000,000.00

Vendor#	Vendor Name	Account Title	Amount	Warrant	Check #	Invoice#	Payment Description	Invoice Date
251	Accurate Court Reporting	Professional Services	\$ 395.00	09022021	512956	202502	Stenographer Services - Perez Vs. Wajdula	08/19/2021
251	Accurate Court Reporting	Professional Services	432.50	01062022	522307	203495	Stenographer Services - Santiago Vs. City of Springfield	12/15/2021
251	Accurate Court Reporting	Professional Services	572.90	01062022	522308	203482	Stenographer Services - Perez Vs. Wajdula	12/15/2021
19012	Walsh Linda	Legal Services	72.25	12232021	522163	20200550	Court Reporter - Santiago Vs. City of Springfield	11/30/2021
22050	Infraware	Legal Services	356.40	12232021	521944	6913	Transcription Services - Perez Vs. City of Springfield	11/23/2021
22050	Infraware	Legal Services	295.00	12232021	521943	300032	Transcription Services - Perez Vs. City of Springfield	12/16/2021
13044	Law Offices of Howard Friedman P.C.	Settlement Claims	320,000.00	01052022	522417	300048	Transcription Services - Perez Vs. Wajdula	01/04/2022
105811	Alice Moran	Professional Services	4,816.05	02032022	524084	21-55	Settlement - Attorney for Jerry Bellamy	12/30/2021
251	Accurate Court Reporting	Professional Services	417.00	02172022	525114	203925	Court Reporter - US Vs. Gregg Bigda	01/18/2022
251	Accurate Court Reporting	Professional Services	1,536.45	02172022	525115	203923	Stenographer Services - Santiago Vs. City of Springfield	01/20/2022
22651	Jeanne A Lidby	Settlement Claims	262,500.00	02232022	525563	D.R. v GREGG BIGDA	Settlement - Attorney for D.R.	02/14/2022
Total			\$ 591,685.55					

Ending Balance Appropriation as of February 28, 2022

\$ 4,408,311.45

CITY OF SPRINGFIELD, MASSACHUSETTS

Date: March 21, 2022

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF SPRINGFIELD:

The Board of Public Works, to which was referred the petition Mill & Locust St. of Eversource Electric Company dated February 18, 2022, to replace the existing vault located at the intersection of Mill Street and Locust Street. The vault will be abandoned and relocated with 6-4" conduits a few feet southwesterly to accommodate new sewer infrastructure, all as substantially shown on a plan attached referred to Mill & Locust St, which is incorporated herein by reference and to lay and maintain underground laterals, cables, and wires in the above or intersecting public ways for distributing purposes, reports thereon as follows:

By virtue of Chapter 708 of the Acts of 1977 the Board of Public Works held the hearing on the above matter provided for in Section 22 of Chapter 166 of the General Laws. The hearing was held on March 21, 2022 at 4:00 P.M. at 22 Locust Street (Tazzini Funeral Home parking lot) in Springfield, MA Two (2) members of the Board and one (1) persons interested in the matter were present. Of the latter, one (1) voted in favor of and no-one (0) voted against.

The Board considers the request necessary so that the Water & Sewer can accommodate its new infrastructure.

After careful consideration, the Board recommends the petition be granted provided:

That due care for public safety is exercised during construction including but not limited to the use of a police officer(s) for traffic control if necessary.

That said construction would not unnecessarily interfere with the movement of vehicular or pedestrian traffic in the area.

That care be taken during said construction not to damage any underground services.

That the construction site be returned to the same condition as found or better.

Said company shall indemnify and save harmless against all damages, costs and expenses whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.

In addition said company shall, before a public way is disturbed for the laying of its wire or conduit, execute its bond in the penal sum of Ten Thousand Dollars (\$10,000) conditioned for faithful performance of its duties under this permit.

Attachment: Mill & Locust St. Report (6700 : Eversource- Mill & Locust St.)

Said company shall comply with the requirements of existing Ordinances and orders and comply with any changes in Ordinances and orders as may hereafter be adopted by the Mayor and Council governing the construction and maintenance of buried cable, conduits and wires.

That any sidewalks that are damaged or removed will be replaced in kind and in accordance with the City of Springfield's Standard Specifications.

That ramps for the handicapped will be provided if and where required by law and in conformance with the Rules and Regulations of the Massachusetts Architectural Barrier Board.

That any curbing that is disturbed during construction will be reset to the established street grade using proper construction procedures.

That due care be exercised not to unnecessarily damage any public shade trees located within the construction area.

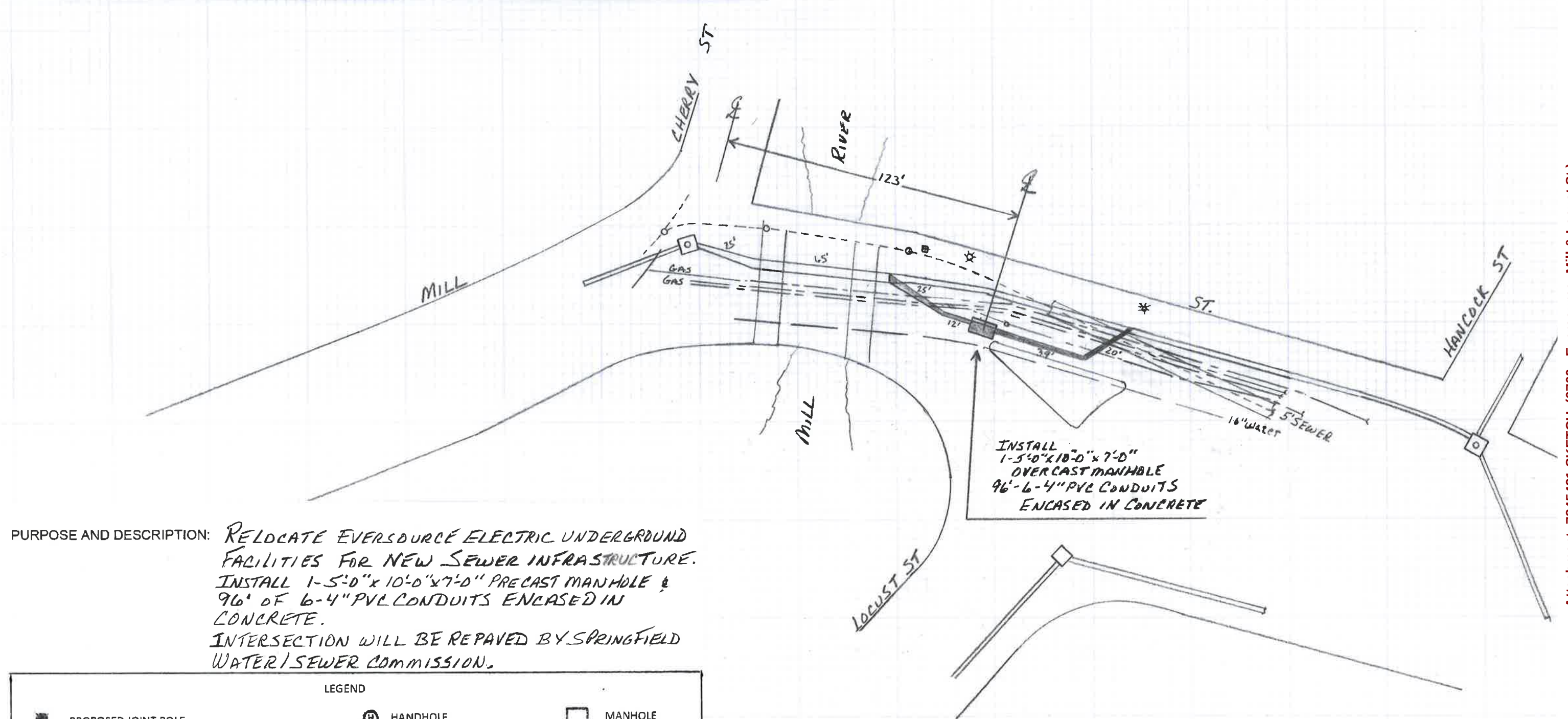
That the Springfield Water and Sewer Commission be notified before construction begins. All installations of adjacent utilities must be a minimum of 4 feet from the existing water and/or sewer main, edge to edge of pipe.

That all conditions set forth in the respective order are complied with.

John J. Fitzgerald)
Ronald A. Chappell)
Michael J. Triggs)

BOARD OF PUBLIC WORKS

EVERSOURCE	TOWN SPRINGFIELD
NEW ENGLAND TELEPHONE & TELEGRAPH COMPANY	STREET MILL ST



PURPOSE AND DESCRIPTION: *RELOCATE EVERSOURCE ELECTRIC UNDERGROUND FACILITIES FOR NEW SEWER INFRASTRUCTURE. INSTALL 1-5'-0"x10'-0"x7'-0" PRECAST MANHOLE & 96' OF 6-4" PVC CONDUITS ENCASED IN CONCRETE. INTERSECTION WILL BE REPAVED BY SPRINGFIELD WATER/SEWER COMMISSION.*

LEGEND			
	PROPOSED JOINT POLE	 HANDHOLE	 MANHOLE
	PROPOSED EVERSOURCE POLE	 PAD MOUNT TRANSFORMER	 HEXHOLE
	EXISTING JOINT POLE	 UG. CONDUIT	
	EXISTING EVERSOURCE POLE	 UG. PRIMARY CABLE	
	EXISTING EVERSOURCE POLE TO BE MADE JOINT	 UG. SECONDARY CABLE	
	EXISTING FOREIGN POLE TO BE MADE JOINT		

Attachment: 7845421 SKETCH (6700 : Eversource- Mill & Locust St.)

PETITION TO INSTALL AND MAINTAIN UNDERGROUND LINES
FOR THE TRANSMISSION OF ELECTRICITY

To the City Council of Springfield, Massachusetts:

EVERSOURCE prays that after due notice and a hearing as provided by the law it may be granted permission to install and maintain below the surface of the ground in the public way hereinafter named, a line or lines for the transmission of electricity consisting of conduits located as shown upon the plan filed herewith and made a part hereof together with the necessary wires, cables, transformers, switches, protective devices and other appurtenances, and likewise the manhole and vault construction connected with said lines as indicated by said plan marked:

The following is the public way above referred to:

Mill St. Springfield MA

EVERSOURCE IS REQUESTING PERMISSION TO RELOCATE EVERSOURCE ELECTRIC UNDERGROUND FACILITIES FOR NEW SEWER INFRASTRUCTURE. INSTALL 1-5'-0" X 10'-0" X 7'-0" PRECAST MANHOLE & 96' OF 6-4"PVC CONDUITS ENCASED IN CONCRETE. INTERSECTION WILL BE PAVED BY SPRINGFIELD WATER/SEWER COMMISSION.

Drawing # 7845421

Also, for permission to lay and maintain underground laterals, cables and wires in the above or intersecting public ways for the purpose of making connections with such poles and buildings as it may desire for distributing purposes.

EVERSOURCE

By _____
Michael Santos
Phone # 413-787-9354.

Dated this 18th day of February 2022.

Attachment: 7845421 MILL PETITION (6700 : Eversource- Mill & Locust St.)



To the City Council of Springfield, Massachusetts

Kindly review the attached petition for the location of pole(s), guys, wires and/or cutting/trimming in your town. A town hearing is needed. Approval and recording of the Order is required.

Please return one signed original copy of the Order to EVERSOURCE (return envelope enclosed) with your approval, disapproval, or comments. Please keep the town copy for your files. Recording of the petition is not necessary.

Please do not hesitate to call Mike Santos at (413) 787-9354 with questions or concerns.

Thank you!

Zachery Berry

Zachery Berry
District Representative
Eversource

(413) 297-5880
Ref #7845421

Attachment: 7845421 MILL ST COVER (6700 : Eversource- Mill & Locust St.)

CITY OF SPRINGFIELD, MASSACHUSETTS

Date: March 21, 2022

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF SPRINGFIELD:

The Board of Public Works, to which was referred the petition of Comcast of Massachusetts LL dated February 14, 2022 to install and maintain 844' of 2-4" PVC conduits with Fiber Optic & Coax Cable line; from existing vault on Locust St. to existing vault on the corner of Fort Pleasant Ave. Beginning from existing vault on Locust St. with 2-4" PVC conduits running easterly direction under the southerly sidewalk to crossing Mill St to existing vault on the corner of Fort Pleasant Ave., all as substantially shown on a plan attached, COMCAST Main & Locust Street, which is incorporated herein by reference and to lay and maintain underground cables and Fiber Optic lines in public ways, reports thereon as follows:

By virtue of Chapter 708 of the Acts of 1977 the Board of Public Works held the hearing on the above matter provided for in Section 22 of Chapter 166 of the General Laws. The hearing was held on March 21, 2022 at 3:30 P.M. at 22 Locust Street (Tazzini Funeral Home parking lot) in Springfield, MA after due notice from the office of the City Clerk. Two (2) members of the Board and one (1) person interested in the matter were present. Of the latter, one (1) voted in favor of and no one (0) voted against.

The Board finds the request necessary so that Water & Sewer and others utility companies improve Locust Street & Mill Street area.

After careful consideration, the Board recommends the petition be granted provided:

That due care for public safety is exercised during construction including but not limited to the use of a police officer(s) for traffic control if necessary.

That said construction would not unnecessarily interfere with the movement of vehicular or pedestrian traffic in the area.

That care be taken during said construction not to damage any underground services.

That the construction site be returned to the same condition as found or better.

Said company shall indemnify and save harmless against all damages, costs and expenses whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.

In addition said company shall, before a public way is disturbed for the laying of its wire or conduit, execute its bond in the penal sum of Ten Thousand Dollars (\$10,000) conditioned for faithful performance of its duties under this permit.

Attachment: COMCAST REPORT - Main & Locust St. (6703 : Comcast-Locust St.)

Said company shall comply with the requirements of existing Ordinances and orders and comply with any changes in Ordinances and orders as may hereafter be adopted by the Mayor and Council governing the construction and maintenance of buried cable, conduits and wires.

That any sidewalks that are damaged or removed will be replaced in kind and in accordance with the City of Springfield's Standard Specifications.

That ramps for the handicapped will be provided if and where required by law and in conformance with the Rules and Regulations of the Massachusetts Architectural Barrier Board.

That any curbing that is disturbed during construction will be reset to the established street grade using proper construction procedures.

That all proposed silo, manhole and hexhole covers will conform to and be compatible with established street, treebelt or sidewalk grades with suitable non-skid covers when in the sidewalk area.

That the Springfield Water and Sewer Commission be notified before construction begins. All installations of adjacent utilities must be a minimum of 4 feet from the existing water and/or sewer main, edge to edge of pipe.

That asphalt trench restoration be done in accordance with the City of Springfield DPW requirements.

That all conditions set forth in the respective order are complied with.

John J. Fitzgerald)
Ronald A. Briggs)
Michael Briggs)

BOARD OF PUBLIC WORKS

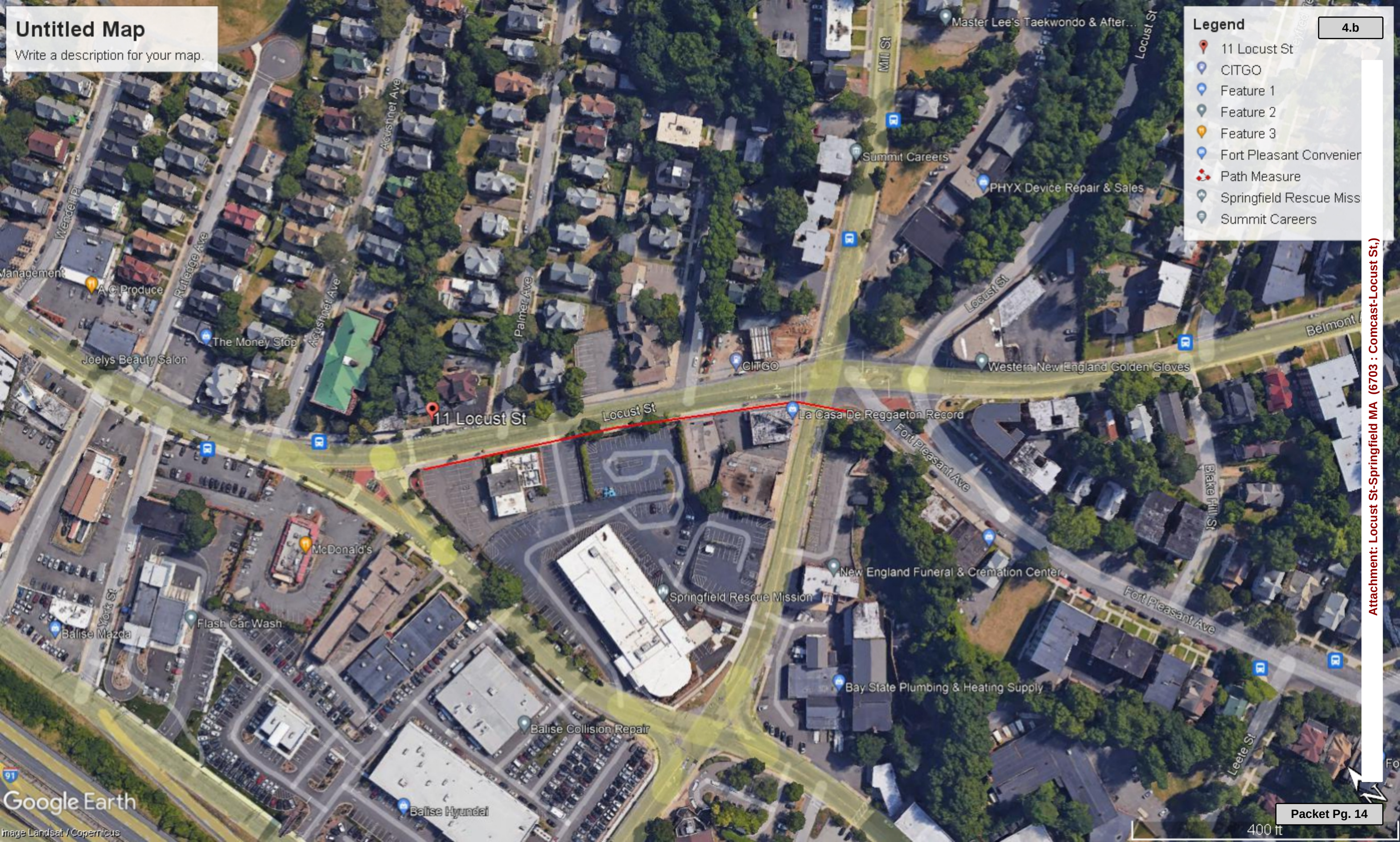
Untitled Map

Write a description for your map.

4.b

Legend

- 11 Locust St
- CITGO
- Feature 1
- Feature 2
- Feature 3
- Fort Pleasant Convenier
- Path Measure
- Springfield Rescue Miss
- Summit Careers



Attachment: Locust St-Springfield MA (6703 : Comcast-Locust St.)

February 14, 2022

Honorable Mayor and City Council
City of Springfield
City Hall
Court Street
Springfield, MA 01103

ATTN: Mr. Anthony I Wilson, Esq, City Clerk

Gentlemen:

Comcast of Massachusetts II, Inc. hereby requests that it be granted a location for and permission to install and maintain **844' of 2-4" PVC conduits with Fiber Optic & Coax Cable line on Locust St., in sidewalk and crossing Mill St.,** from existing vault on Locust St. to existing vault on corner of Fort Pleasant Ave. together with such connections as it may now or subsequently find necessary.

Said plant installation is to be installed in accordance with the enclosed plan.

Thank you for your attention to this matter.

Sincerely,

Joseph R Chafer

Joe Chafer
Comcast Contractor
Construction Specialist 2

Enc.

Attachment: Locust St-Springfield MA-Letter (6703 : Comcast-Locust St.)

Construction Details:

- Install approx. 844' of 4" schedule 40 PVC conduit from vault on Locust St & Main St.
- To existing vault on Fort Pleasant Ave
- Replace concrete pad in accordance with city specs.
- All trenching to be done in accordance with Manual for Occupancy of Public and Private Ways within the City of Springfield MA.



3/8/2022

Honorable Mayor and City Council
City of Springfield
City Hall
Court Street
Springfield, MA 01103

ATTN: Tasheena M. Davis, Esq, City Clerk

PROJECT NAME: Wilmont St – Poor Pressure

Ladies & Gentlemen:

Eversource Gas of Massachusetts hereby requests that it be granted a location for and permission to install underground gas facilities within a section of the Forest Park Neighborhood (as seen in the attached plan). Work will extend to the following streets in varying degrees/durations:

<u>Street Name</u>	<u>From</u>	<u>To</u>
Wilmont St	Dickinson	Ranney St
Alderman St	Dickinson	Pasadena St
Ventura St	50' stub	
Sorrento St	50' stub	

This project will introduce modernized natural gas facilities to the area and retire the aged cast iron low pressure natural gas infrastructure. All proposed work by CMA will include such laterals and service connections as it may now or subsequently find necessary.

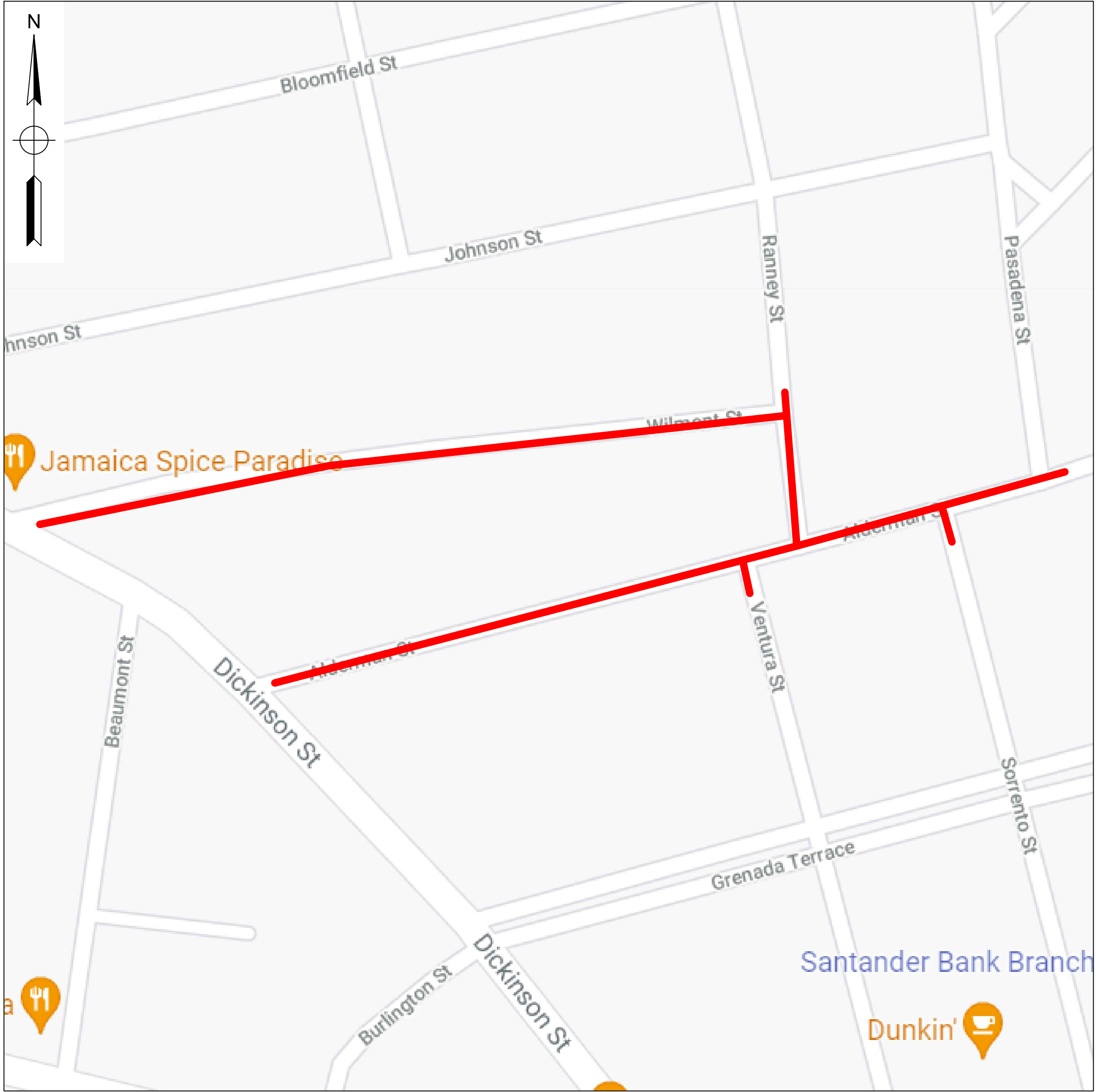
Sincerely,

Jocelyn Forcier
Field Engineer
Eversource Gas of Massachusetts
2025 Roosevelt Avenue
Springfield, MA 01104
Cell: 413-310-4264
Email: jocelyn.forcier@eversource.com

Attachment: Springfield City Council Letter Wilmont St - Poor Pressure (6709 : Eversource/Gas-Wilmont St.)

TABLE OF CONTENTS

SHEET #	TITLE
1 OF 20	COVER SHEET
2 OF 20	NOTES
3 OF 20	LEGEND
4 OF 20	PROJECT LOCATION PLAN
5 OF 20	PROJECT LOCATION PLAN
6 OF 20	PREPARATORY AND FINAL DETAIL "A"
7 OF 20	PREPARATORY AND FINAL DETAIL "B"
8 OF 20	PREPARATORY AND FINAL DETAIL "C"
9 OF 20	PREPARATORY AND FINAL DETAIL "D"
10 OF 20	PREPARATORY AND FINAL DETAIL "E"
11 OF 20	PREPARATORY AND FINAL DETAIL "F"
12 OF 20	PREPARATORY AND FINAL DETAIL "G"
13 OF 20	PREPARATORY AND FINAL DETAIL "H"
14 OF 20	PREPARATORY AND FINAL DETAIL "I"
15 OF 20	PREPARATORY AND FINAL DETAIL "J"
16 OF 20	PREPARATORY AND FINAL DETAIL "K"
17 OF 20	MA CORROSION DETAILS
18 OF 20	BLANK GRIDDED SHEET
19 OF 20	BLANK GRIDDED SHEET
20 OF 20	BLANK GRIDDED SHEET



PROJECT OVERVIEW MAP

LEGEND

- REGULATING STATION 50' BOUNDARY
- EXISTING GAS MAIN
- PROPOSED GAS MAIN
- GAS MAIN TO BE ABANDONED
- GAS MAIN WITH SERVICE TRANSFERS
- GAS MAIN WITH PRESSURE INCREASE

PROJECT SUMMARY TABLE

PROPOSED INSTALLATION			PROPOSED ABANDONMENT		
LENGTH (FT)	SIZE (IN)	TYPE	LENGTH (FT)	SIZE (IN)	TYPE
1185	2	PHIP	418	3	CILP
1540	6	PHIP	993	4	CILP
			1180	6	CILP
2,725'	TOTAL INSTALLATION (FEET)		2,591'	TOTAL ABANDONMENT (FEET)	
PROPOSED GAS SERVICES					
	REPLACEMENTS	TIE OVERS	TOTAL SERVICES	METER OUTS	
ESTIMATED GAS SERVICES	49	25	74	100	

WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA
PROJECT #22-86276

A			
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
COVER SHEET			
SCALE: <i>Not to Scale</i>		SHEET 01 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF / 2/17/22	XXX / XX/XX/XXXX	MA-SPR-PIP-22-052-01	A

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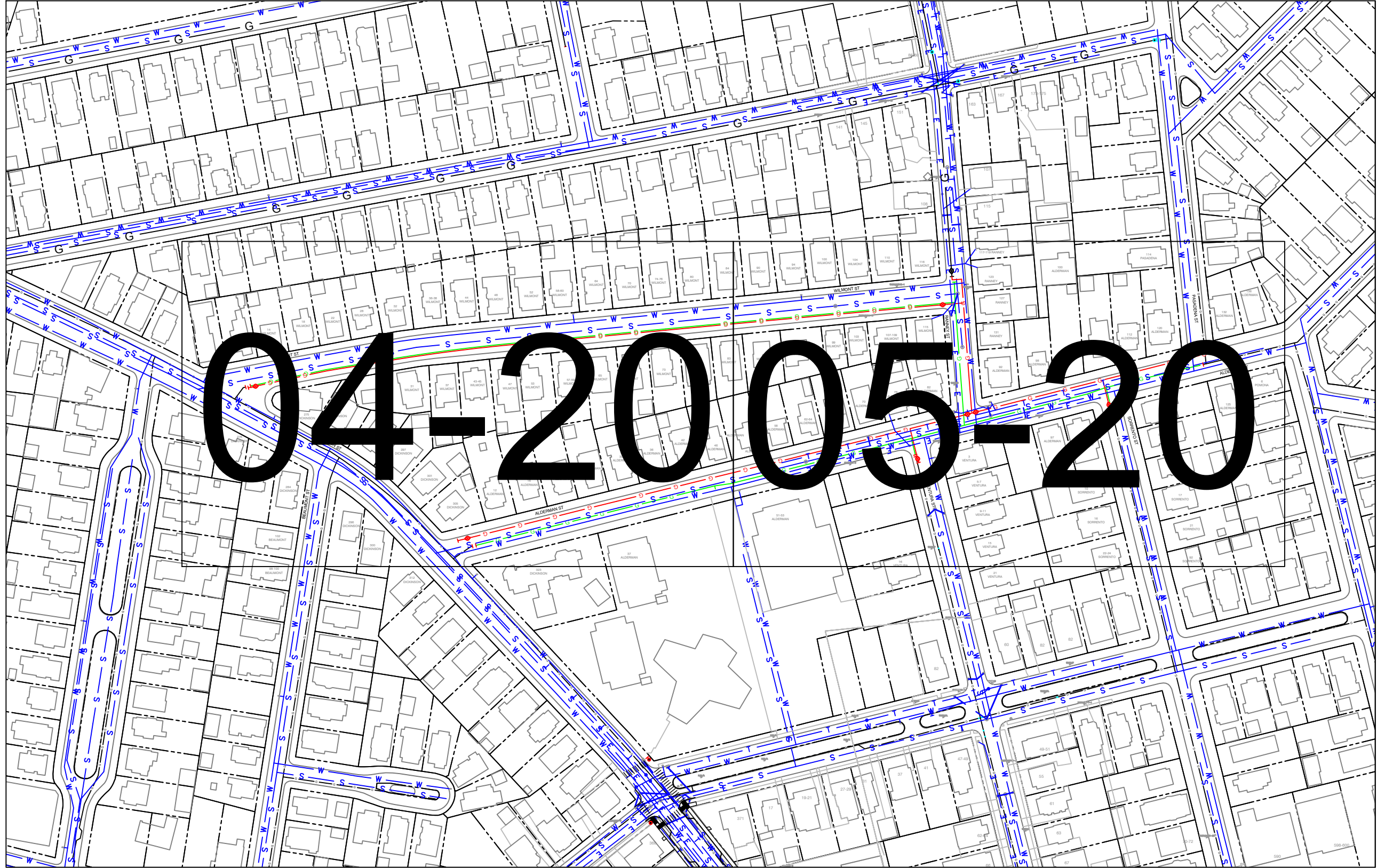
PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

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.



OVERVIEW KEY MAP
NOT TO SCALE

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WILMONT ST, SPRINGFIELD							COMPLETE BOM		WILMONT ST, SPRINGFIELD							COMPLETE BOM	
REQUIRED BILL OF MATERIALS									REQUIRED BILL OF MATERIALS								
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units			Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units		
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	5	EA			368	42-53-867	61743104	4253867	6" X 1000' WARNING TAPE YELLOW, 4 MIL, LINEAR LOW DENSITY, LEAD+D267 FREE, PIGMENT BASE, VIRGIN RESIN, POLYETHYLENE, NON DETECTABLE TAPE WITH THE FOLLOWING IMPRINT (CAUTION GAS LINE BURIED BELOW) MINIMUM OF 104 ROLLS REQUIRED FOR FREIGHT ALLOWED THOR SHIELD TEC PART #STYCI-61 PLEASE FORWARD MSDS TO: SAFETY MANAGER 4 TECHNOLOGY DR, STE 250 WESTBOROUGH,MA,01581-5039	3	RL		
90	07-50-823	63424221	750823	1/2 IN CTS .090W END CAP LYCOFIT 100/PKG R.W. LYALL #LY-LC010B-ECR	1	EA							2" IPS BUTT END CAP SDR-11,BLACK,PE3408,10/BX PLEXCO #993284 PHILLIPS #80M020110CPSTB CENTRAL PLASTICS #691-0882 PERFORMANCE # 1006420			3	EA
1	09-45-828	43900700	945828	1.25" CTS PE3408 PLASTIC PIPE .121 WALL (1.375 OD) 350 FT/ COILS, HIGH DENSITY PERFORMANCE PART #1056860 MRC #63017096 8 COILS PER PALLET PERFORMANCE QTY IS 2800'/SILO, 72800 PER TRK = 26 SILOS 1 coil = 350 FT BLACK WITH YELLOW STRIPES	18	FT			8	43-02-8500	63078024	43028500	6"IPS PLEXCO BUTT END CAP SDR-11,BLACK,PE3408,5/BX PLEXCO #994578 PHILLIPS #80M060110CPSTB CENTRAL PLASTICS #691-0887 PERFORMANCE # 1006436	3	EA		
2	09-45-829	43900325	945829	1/2" CTS PE3408 PLASTIC PIPE .090 WALL (.625 OD) 500 FT/ COILS HIGH DENSITY PERFORMANCE PART #1056745, MRC#63017011 12 COILS PER PALLET PERFORMANCE QTY: 6000'/SILO 156,000'/TRK 26 SILOS BLACK WITH YELLOW STRIPES 1 COIL = 500 ft	3	FT			10	43-02-8502	63078054	43028502	1/2" CTS EF COUPLING FOR PE3408 .090 WALL 1/2" CTS .090 WALL 2406 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 5760001 part# verified 8/12	1	EA		
3	09-45-830	43900925	945830	2" IPS PE3408 PLASTIC PIPE .216W (2.375 OD) SDR-11 350 FT COILS, HIGH DENSITY PERFORMANCE PART #1056923 8 COILS PER PALLET PERFORMANCE QTY: 2800'/SILO 19,600'/TRK 7 SILOS BLACK WITH YELLOW STRIPES 1 ROLL = 350 FT	1185	FT			12	43-04-800	63051049	4304800	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	6	EA		
6	09-45-833	43901275	945833	6" IPS PE3408 PLASTIC PIPE .602W (6.625 OD) SDR-11 40 FT LENGTHS 520 FT / BUNDLE = 13 LENGTHS STRAIGHT LENGTHS MAY BE COMBINED TO MAKE A FULL TRUCKLOAD = 7,280 FT = 14 BUNDLES PERFORMANCE PART #1057061 MRC #63017206 BLACK WITH YELLOW STRIPE	1540	FT			13	43-04-801	63051057	4304801	6" IPS EF COUPLING FOR PE3408 6" IPS 2406 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6009 CENTRAL # 5757009 part# verified 8/12 box qty 8	8	EA		
33	16-05-825	14281726	1605825	2" HDPE POLYVALVE BALL VALVE SDR-11 FULL BORE .216 WALL, PLEXCO MATERIAL HOESCHT GM5010T2 MATERIAL MULCARE ENG. EQUIPMENT CONTROLS NORDSTRUM VALVES FOR USE WITH PLEXCO 3408 PIPE PERFECTION #45508 NORDSTRUM PART #89111-2" 6/CS FULL PORT	4	EA			15	43-04-8504	63054025	43048504	2" IPS EF COUPLING FOR PE3408 2" IPS 2406 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6006 25 per box CENTRAL # 5760012 part# verified 8/12	7	EA		
36	16-05-828	14281745	1605828	6" HDPE POLYVALVE BALL VALV SDR-11 FULL BORE FLOWSERVE NORDSTROM VALVE # 89111-6"	4	EA			21	43-06-8507	63078150	43068507	6"IPS PLEXCO 90D BUTT ELBOW SDR-11,BLACK,PE3408,2/BX PLEXCO #990622 PHILLIPS #80M060110L90DB CENTRAL PLASTICS #691-0937	4	EA		
238	21-12-8001	63481721	21128016	6" #0711-0356-216 LINE CAP FOR 6.90" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR #EZ-B69-V-UMG DRESSER #0711-0356-216	1	EA			24	43-08-8510	63078246	43088510	6"IPS PLEXCO 45D BUTT ELBOW SDR-11,BLACK,PE3408, 2/BX PLEXCO #992257 PHILLIPS #80M060110L45DB CENTRAL PLASTICS #691-0923	6	EA		
243	21-12-8006	63481717	21128006	3" #EZ-B38-V-UMG LINE CAP FOR 3.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR DRESSER #0031-0006-114 SMITH BLAIR/CSI #EZ-B38-V-UMG	2	EA			26	43-10-8512	63078377	43108512	4"IPS PLEXCO BUTT REDUCER X 2 IN IPS .216W,SDR-11,PE3408 10/BOX, PLEXCO #949187 5/BOX, CENTRAL PLASTICS #691-0899	2	EA		
245	21-12-8008	63481719	21128008	4" #EZ-B48-V-UMG LINE CAP FOR 4.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR /CSI #EZ-B48-V-UMG	6	EA			27	43-10-8513	63078395	43108513	6"IPS PLEXCO BUTT REDUCER X 4 IN IPS,.409W SDR-11 PE3408 6/BOX, PLEXCO CORP. #984302 CENTRAL PLASTICS #691-0896	2	EA		
223	21-15-8027	63462217	21158027	3 X 9" SERVI-SEAL CI 1.25" TAP #505-9-373 IRON AND STEEL PIPE W/GRIDDED GASKET AND 1 1/4" TAPPED OUTLET MUELLER #505-9-373	7	EA			31	43-12-8517	63078458	43128517	6"IPS PLEXCO BUTT TEE SDR-11, BLACK,PE3408, 2/PKG PLEXCO #990737 CENTRAL PLASTICS #691-0912 PERFORMANCE# 1006442 part# verified 8/12	4	EA		
228	21-15-8033	63462113	21158033	4 X 9" SERVI-SEAL CI 2" TAP #509-9-0474 IRON,AND STEEL PIPE W/GRIDDED GASKET AND 2" TAPPED OUTLET MUELLER #509-9-0474	21	EA			50	43-15-812	63051221	4315812	2" X 1.25" EF TAPPING TEE IPSxCTS ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE2406 & PE3408 POLYTHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 5757086 part# verified 8/12	3	EA		
232	21-15-8041	63462159	21158041	6 X 9" SERVI-SEAL CI 2" TAP #509-9-0684 IRON AND STEEL PIPE W/GRIDDED GASKET & 2" TAPPED OUTLET MUELLER #509-9-0684	3	EA			54	43-15-816	63051740	4315816	6" X 1.25" EF TAPPING TEE IPSxCTS .121W ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE3408 POLYTHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 575-7142 old Med Dens CENTRAL # 10002901 part# verified 8/12	3	EA		
359	25-31-848	19080285	2531848	1 1/4IN S/H CORED C.I.PIPE PLUG 40/CTN	7	EA			55	43-15-817	63051277	4315817	6"IPS X 1/2" CTS ECTROFUSION TAPPING TEE 4.7 SOLID PIN FOR .090 WALL 2406 & 3408 POLYETHENE PIPE CENTRAL #575-7021	1	EA		
361	25-31-850	19080340	2531850	2 IN S/H CORED C.I. PIPE PLUG	24	EA			370	74-47-8500	63310891		#12 AWG COPPER TRACER WIRE TYPE: HMWPE COLOR: YELLOW 30 MIL POLYETHYLENE INSULATION; (HIGH MOLECULAR WEIGHT POLYETHYLENE) 500 FT PER ROLL PRICING TO BE ADJUSTED UP OR DOWN BASED ON COMEX \$.84 PER LB OUTSIDE DIAMETER: .15 INCHES WEIGHT = 24 LBS PER MFT FREIGHT ALLOWED ON 4,000# OR 167,000'	6	FT		
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL.PIPE PLUG 100/CTN	10	EA							***** REPLACES STOCK CODE # 260-00217 PER SKIP BLAKE NIPSCO STANDARDS \$ WIR 0020, STOCK CODE #346305				
377	42-31-8528	63760072	42318528	3 LB MAGNESIUM ANODE HIGH POTENTIAL C/W 10 FT #12 TW- R C INSULATED RED LEAD WIRE. PACKAGED IN BACKFILL. 75% GYPSUM. 20% BENTONITE, 5% SODIUM SULPHATE. TO BE PACKAGED SINGULARLY, 6/BX AMAX GALVOMAG SHIPPING WGT:9# STUART STEEL #AMH3/12TW10RCB, CI: #30215 PLEASE FORWARD MSDS TO: SAFETY MANAGER 300 FRIBERG PARKWAY WESTBOROUGH,MA,01581-5039 168 3 LB ANODES = 1 SKID 20 SKIDS = 1 TRUCKLOAD	5	EA			369	74-80-8502	64049505	74808502	ELECTRONIC MARKER 4" 3M #1405-XR YLW HDPE SCOTCHMARK GAS BALL MARKER 0005113871734 MCIJUNKIN #6404-9505	12	EA		
47	42-32-849	63501078	4232849	5" DIA.ABS PLASTIC TEST BOX FOR CORROSION CONTROL 18 X 18 IN SHAFT LENGTH W/NON-LOCKING MAGNETIZED COVER, WITH TERMINAL PLATE WALL THICKNESS .150 + - .015 CP TEST #NMTN501818.4PT 2000# OR MORE=FREIGHT PREPAID ALLOWED	7	EA											
44	42-32-856	63501264	4232856	5"PLASTIC ROADWAY BOX FOR 6" POLYVALVES P558-2424-105-6" 5" VALVE BOX TO COVER 6" POLYVALVE BLACK LID MARKED GAS BINGHAM AND TAYLOR # P558-2424-105-6"	5	EA											
43	42-32-860	63501050	4232860	558 2" GATE VALVE BOX 18 X 24 IN SHAFT LENGTH W/NON-LOCKING MAGNETIZED COVER MARKED"GAS"+ WALL THICKNESS .150 + - .015 CP TEST #558RPV4N185024 NOTE: CP TEST BOX #558 IS FOR USE WITH 4" NORDSTROM POLYVALVE BALL VALVE 2000# OR MORE=FREIGHT PREPAID ALLOWED	2	EA											

PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

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No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
NOTES			
SCALE: <i>Not to Scale</i>		SHEET 02 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-02	A
Packet Pg. 19			

DRAWING LEGEND

Gas Main Symbology

REGULATING STATION 50' BOUNDARY	
EXISTING GAS MAIN	
PROPOSED GAS MAIN	
GAS MAIN TO BE ABANDONED	
GAS MAIN WITH SERVICE TRANSFERS	
GAS MAIN WITH PRESSURE INCREASE	
RIGHT-OF-WAY	
ELECTRIC	
WATER LINE	
SEWER LINE	
TELEPHONE	
DRAIN LINE	
FENCE LINE	

Gas Main Material/Pressure Label References

MATERIAL CODES

CS*	Coated Steel Gas Main
CI*	Cast Iron Gas Main
BS*	Bare Steel Gas Main
WJ*	Wrought Iron Gas Main
PH*	High Density Polyethylene Gas Main
PM*	Medium Density Polyethylene Gas Main

PRESSURE CODES

*LP	Low Pressure (<0.5 PSIG or 14" W.C.)
*EL	Elevated Low Pressure (0.5 PSIG ≤ 2 PSIG)
*IP	Intermediate Pressure (>2 PSIG ≤ 60 PSIG)
*HP	High Pressure (>60 PSIG ≤ 99 PSIG)
*EH	Elevated High (>99 PSIG ≤ 199 PSIG)
*OHP	Special Pressure (>199 PSIG ≤ 750 PSIG)

MISCELLANEOUS CODES

*.SER	Service
*.R	Riser
(TC)	Transmission Class
Gas Main Installation Method Label References	
AT	Attached
BH	Bridge Hanger
BLGH	Building Hanger
DB	Directional Bore
IS	Inserted
OC	Open Cut
PB	Pneumatic Bore
PL	Plowed
RT	Roof Top
(E)	Existing
(P)	Proposed

Gas Facility Symbology

	x"GV	Gas Valve
	x"PV	Critical Gas Valve
		(Gate - GV, Plug - PV, PE Ball - BP, ST Ball - BV)
	x"HVTT	High Volume Tapping Tee
	x"SST	Pressure Control Fitting - ShortStopp Tee
	x"SPH	Pressure Control Fitting - Spherical Tee
	x"MF-BO	Pressure Control Fitting - Mueller Bottom-out
	x"MF-SO	Pressure Control Fitting - Mueller Side-out
	x"MF-FT	Pressure Control Fitting - Mueller Flange Tee
	x"SS	Pressure Control Fitting - ShortStopp
	x"MF	Pressure Control Fitting - Mueller Stopper
	x"x x" POLYTAP	Polytapp Side Saddle Fitting
	I	Transition
	-	End Cap
	o	Riser
	◄	Reducer
	EM	Electronic Marker
	TWS	Flush-mounted Tracer Wire Station
	MM	Post Pipeline Marker with Tracer Wire
	W	Gas Main Marker without Tracer Wire
	W	Test Well
	R	Regulator Station
	R	Single Customer Regulator
	M	Meter
	M	Meter with Regulator
	TP	Test Point (Station)
	TS	Gas Service Tie-over
	RS	Gas Service Replacement
	MMO	Meter Move Out
Swing Tie Symbology		
	TM	Telephone Manhole
	DM	Drain Manhole
	EM	Electric Manhole
	CB	Catch Basis
	SM	Sewer Manhole
	FH	Fire Hydrant
	UP	Utility Pole
	PM	Property Marker
	TP	Telephone Pedestal
	TV	Television Pedestal
	UM	Unknown Manhole
	WB	Water Box
	WG	Water Gate
	EP	Electric Pedestal
	IP	Iron Pin
	LP	Light Pole
		INSIDE METER
		OUTSIDE METER

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No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
LEGEND			
SCALE: <i>Not to Scale</i>		SHEET 03 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-03	A

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PE STAMP AND SIGNATURE

VENDOR LOGO

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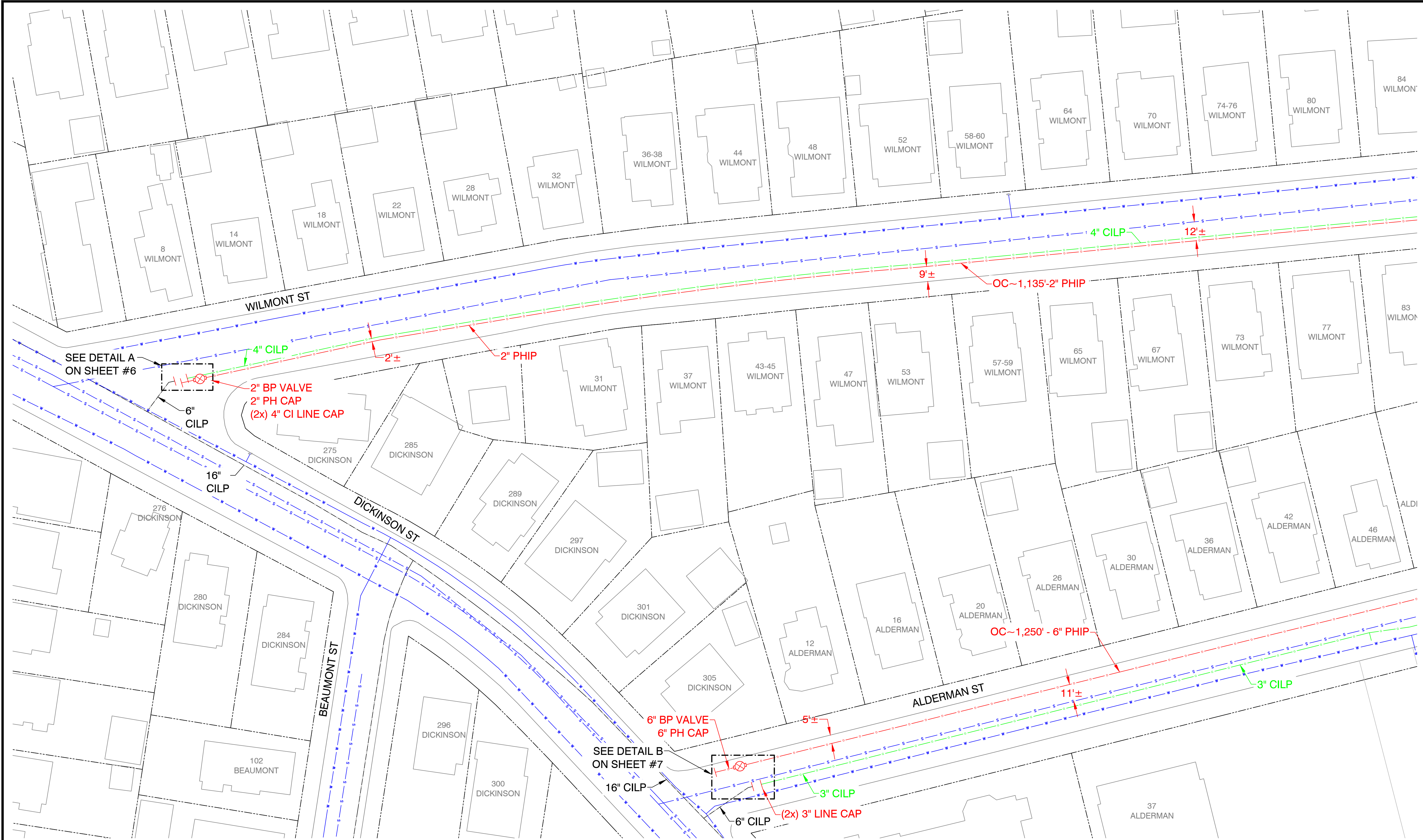
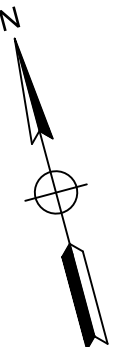
FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

04-20-05-20

KEY MAP
SCALE: N.T.S.

MATCH LINE - SHEET 5 OF 20

MATCH LINE - SHEET 5 OF 20



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No.	Description	Date	Dw/Ck
Revision/Status			

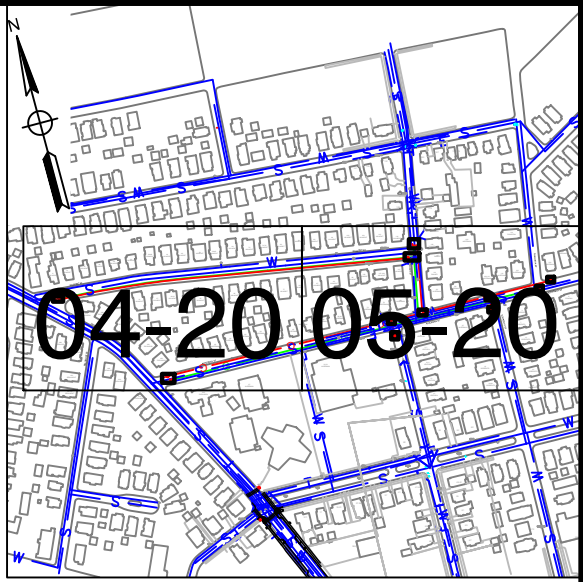
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PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PROJECT LOCATION PLANS			
SCALE: 1"=30'		SHEET 04 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-04	



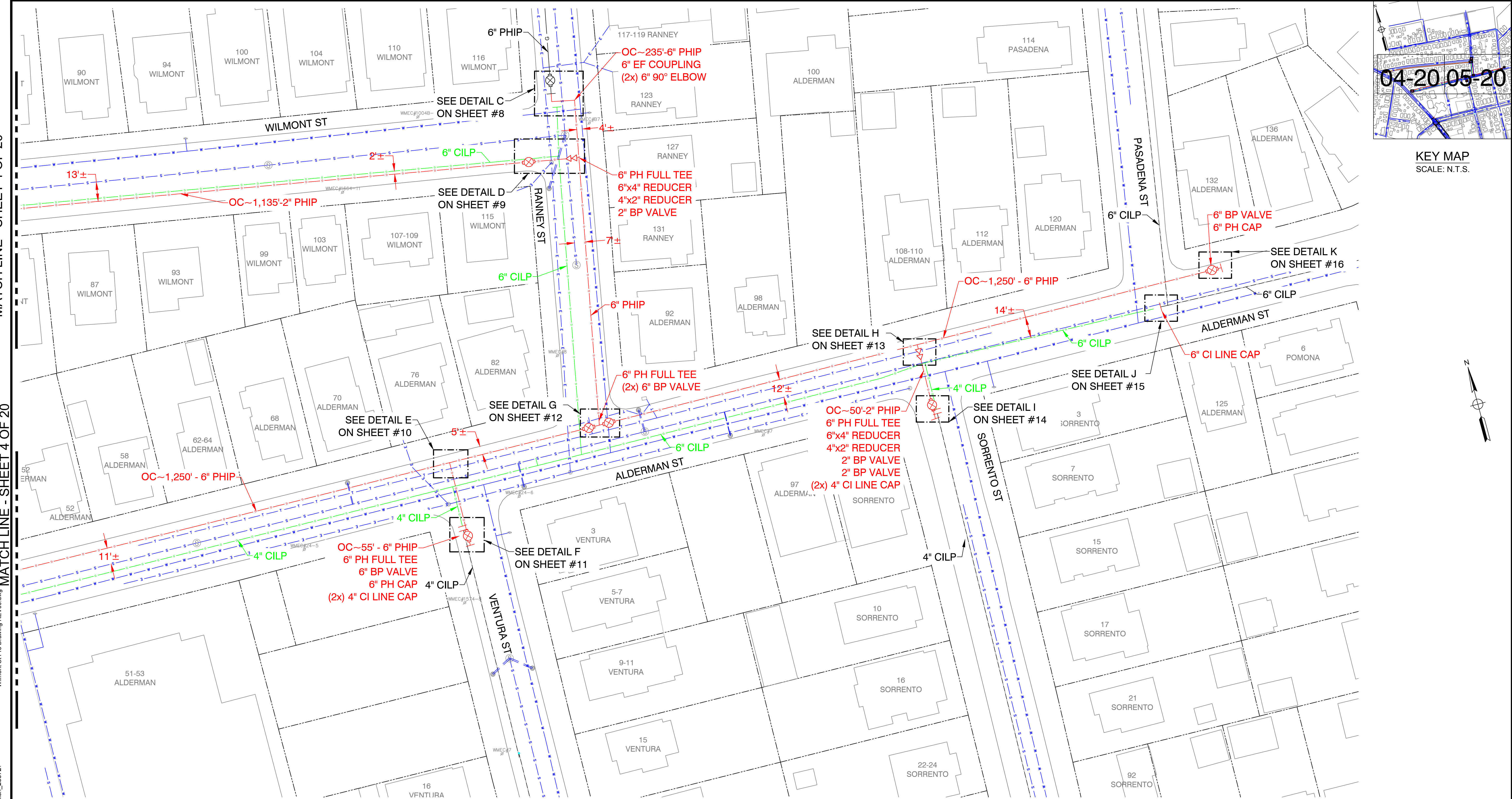
KEY MAP
SCALE: N.T.S.

MATCH LINE - SHEET 4 OF 20

MATCH LINE - SHEET 4 OF 20

Wilmont St Pro Drawing REV00.dwg

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No.	Description	Date	Dw/Ck
Revision/Status			

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PE STAMP AND SIGNATURE

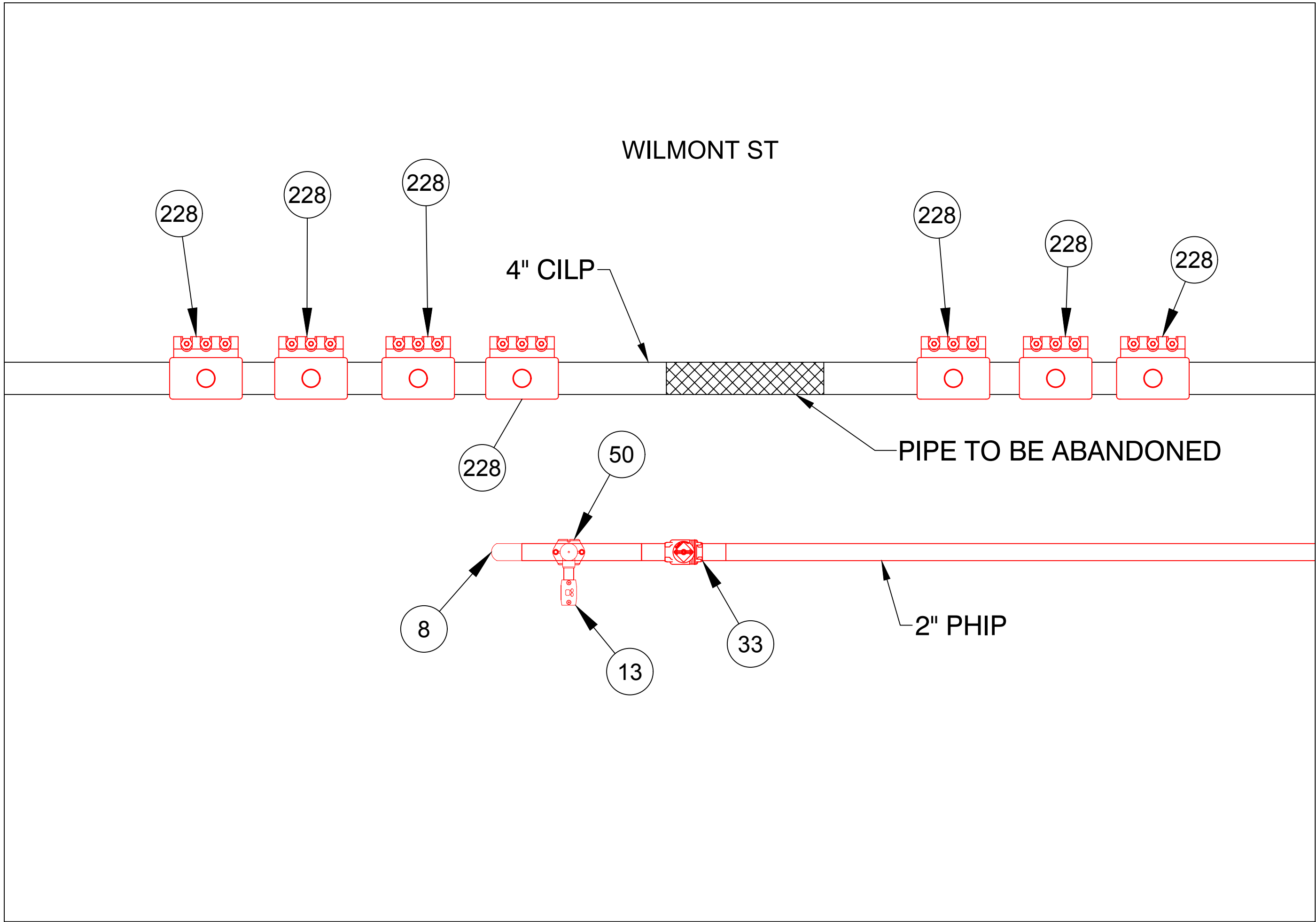
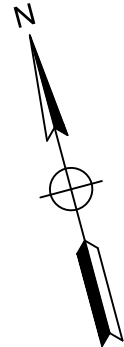
VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

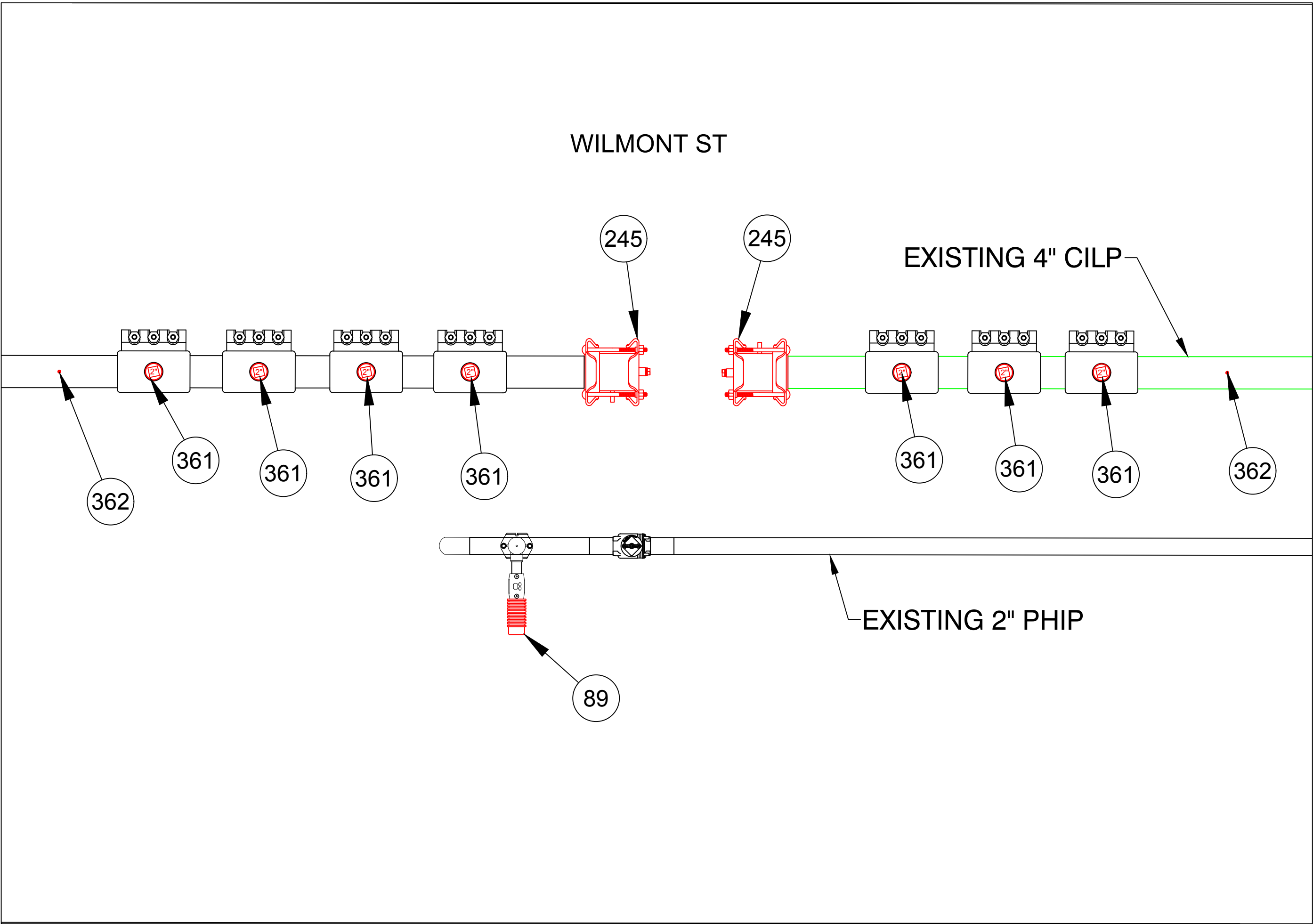
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PROJECT LOCATION PLANS			
SCALE: 1"=30'		SHEET 05 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-05	

WILMONT ST, SPRINGFIELD					DETAIL "A" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
13	43-04-801	63051057	4304801	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	1	EA
228	21-15-8033	63462113	21158033	4 X 9" SERVI-SEAL CI 2" TAP #509-9-0474 IRON,AND STEEL PIPE W/GRIDDED GASKET AND 2" TAPPED OUTLET MUELLER #509-9-0474	7	EA
33	16-05-825	14281726	1605825	2" HDPE POLYVALVE BALL VALVE SDR-11 FULL BORE .216 WALL,PLEXCO MATERIAL HOESCHT GM5010T2 MATERIAL MULCARE ENG. EQUIPMENT CONTROLS NORDSTRUM VALVES FOR USE WITH PLEXCO 3408 PIPE PERFECTION #45508 NORDSTRUM PART# 89111-2" 6/CS FULL PORT	1	EA
50	43-15-812	63051221	4315812	2" X 1.25" EF TAPPING TEE IPSxCTS ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE2406 & PE3408 POLYETHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 5757086 part# verified 8/12	1	EA
8	43-02-8500	63078024	43028500	2" IPS BUTT END CAP SDR-11,BLACK,PE3408,10/BX PLEXCO #993284 PHILLIPS #80M020110CPSTB CENTRAL PLASTICS #691-0882 PERFORMANCE # 1006420	1	EA

WILMONT ST, SPRINGFIELD					DETAIL "A" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
245	21-12-8008	63481719	21128008	4" #EZ-B48-V-UMG LINE CAP FOR 4.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR /CSI #EZ-B48-V-UMG	2	EA
361	25-31-850	19080340	2531850	2 IN S/H CORED C.I. PIPE PLUG	7	EA
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL.PIPE PLUG 100/CTN	2	EA
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	1	EA



PREPARATORY DETAIL A
NOT TO SCALE



FINAL DETAIL A
NOT TO SCALE

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 06 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-06	

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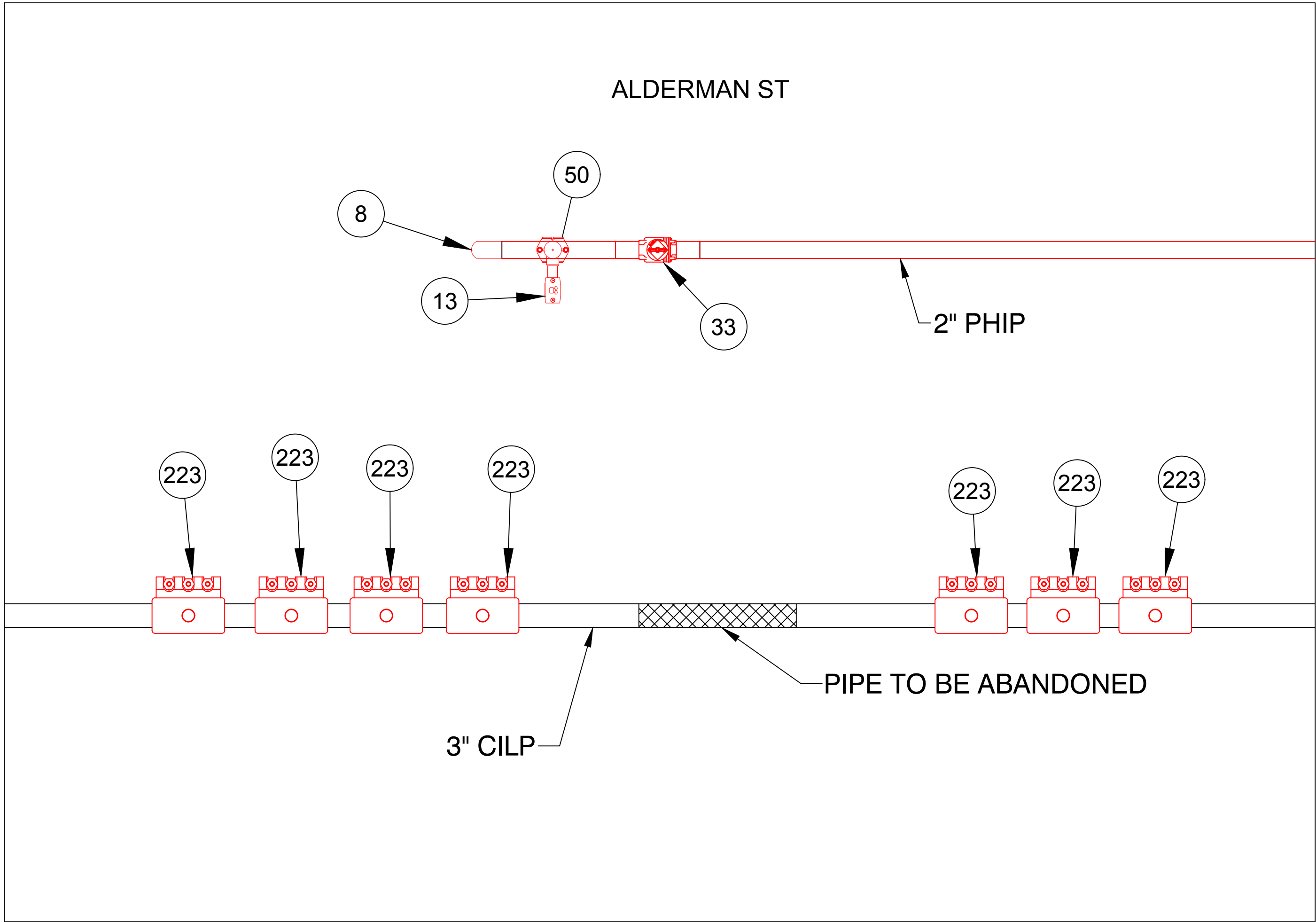
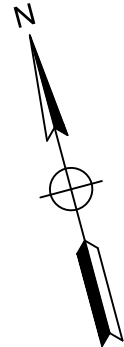
PE STAMP AND SIGNATURE

VENDOR LOGO

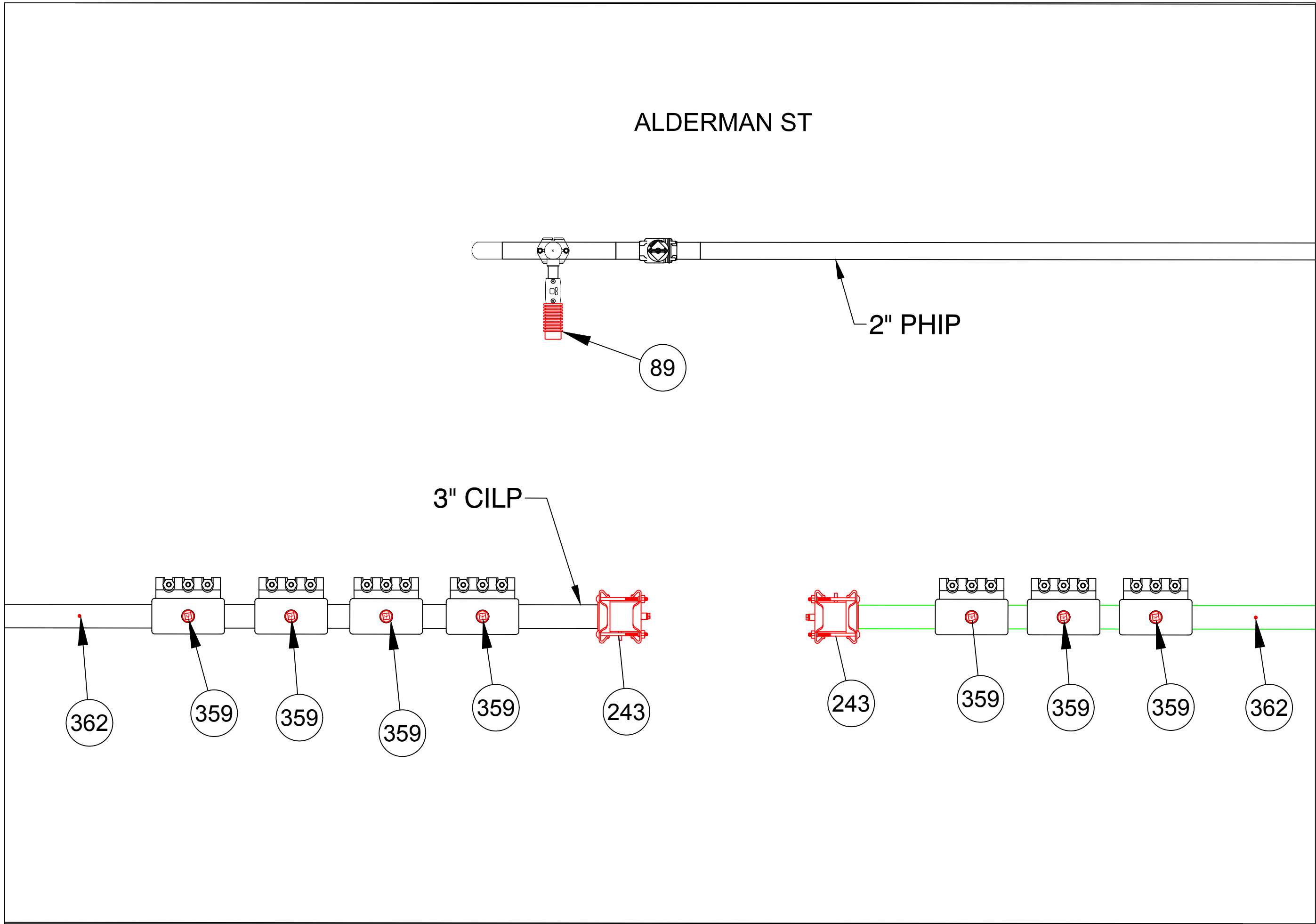
FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

WILMONT ST, SPRINGFIELD					DETAIL "B" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
13	43-04-801	63051057	4304801	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	1	EA
223	21-15-8027	63462217	21158027	3 X 9" SERVI-SEAL CI 1.25" TAP #505-9-373 IRON AND STEEL PIPE W/GRIDDED GASKET AND 1 1/4" TAPPED OUTLET MUELLER #505-9-373	7	EA
33	16-05-825	14281726	1605825	2" HDPE POLYVALVE BALL VALVE SDR-11 FULL BORE .216 WALL, PLEXCO MATERIAL HOESCHT GM5010T2 MATERIAL MULCARE ENG. EQUIPMENT CONTROLS NORDSTRUM VALVES FOR USE WITH PLEXCO 3408 PIPE PERFECTION #45508 NORDSTRUM PART #89111-2" 6/CS FULL PORT	1	EA
50	43-15-812	63051221	4315812	2" X 1.25" EF TAPPING TEE IPSxCTS ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE2406 & PE3408 POLYETHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 5757086 part# verified 8/12	1	EA
8	43-02-8500	63078024	43028500	2" IPS BUTT END CAP SDR-11, BLACK, PE3408, 10/BX PLEXCO #993284 PHILLIPS #80M020110CPSTB CENTRAL PLASTICS #691-0882 PERFORMANCE # 1006420	1	EA

WILMONT ST, SPRINGFIELD					DETAIL "B" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
243	21-12-8006	63481717	21128006	3" #EZ-B38-V-UMG LINE CAP FOR 3.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR DRESSER #0031-0006-114 SMITH BLAIR/CSI #EZ-B38-V-UMG	2	EA
359	25-31-848	19080285	2531848	1 1/4IN S/H CORED CI PIPE PLUG 40/CTN	7	EA
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL PIPE PLUG 100/CTN	2	EA
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	1	EA



PREPARATORY DETAIL B
NOT TO SCALE



FINAL DETAIL B
NOT TO SCALE

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 07 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-07	

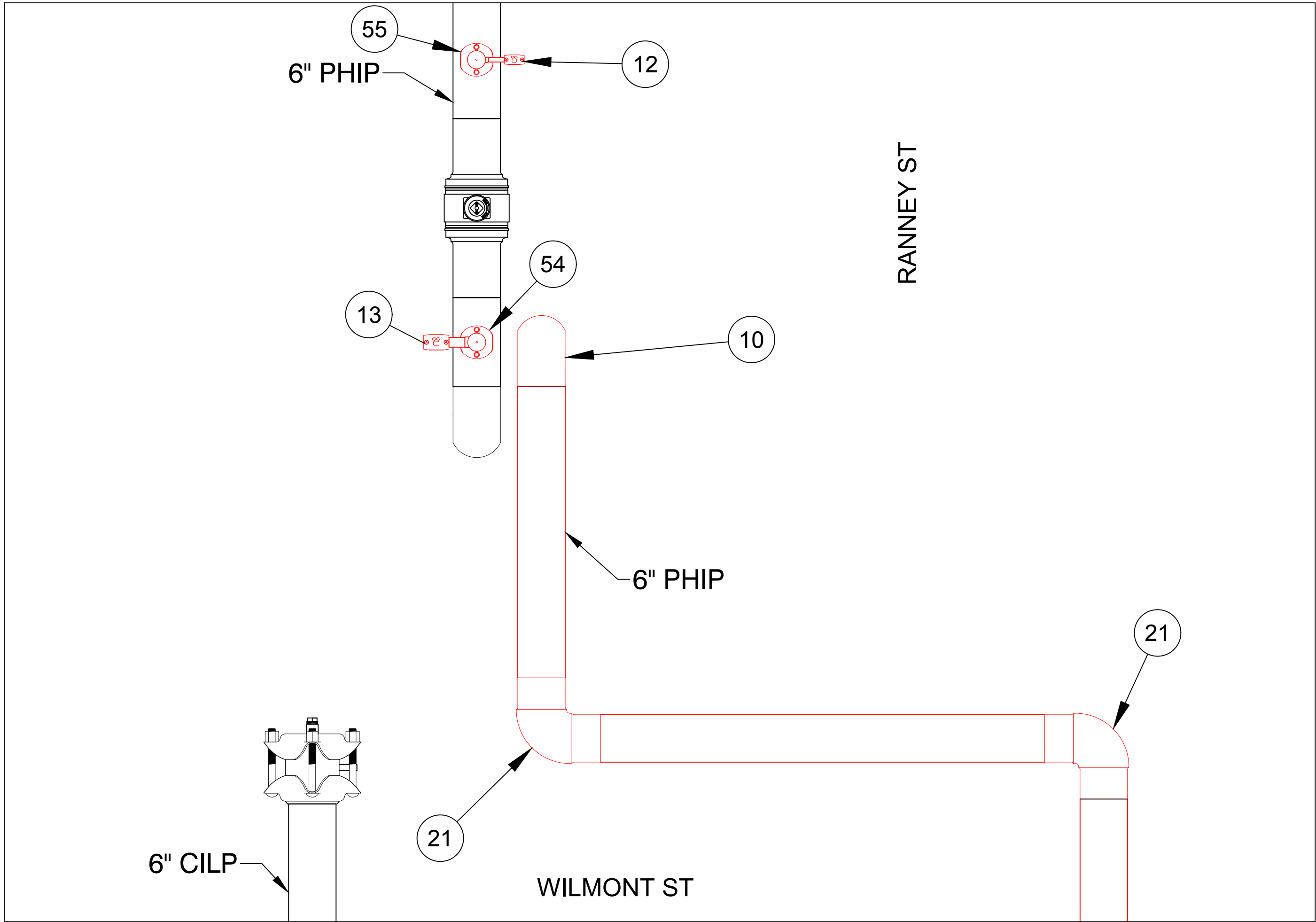
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PE STAMP AND SIGNATURE

VENDOR LOGO

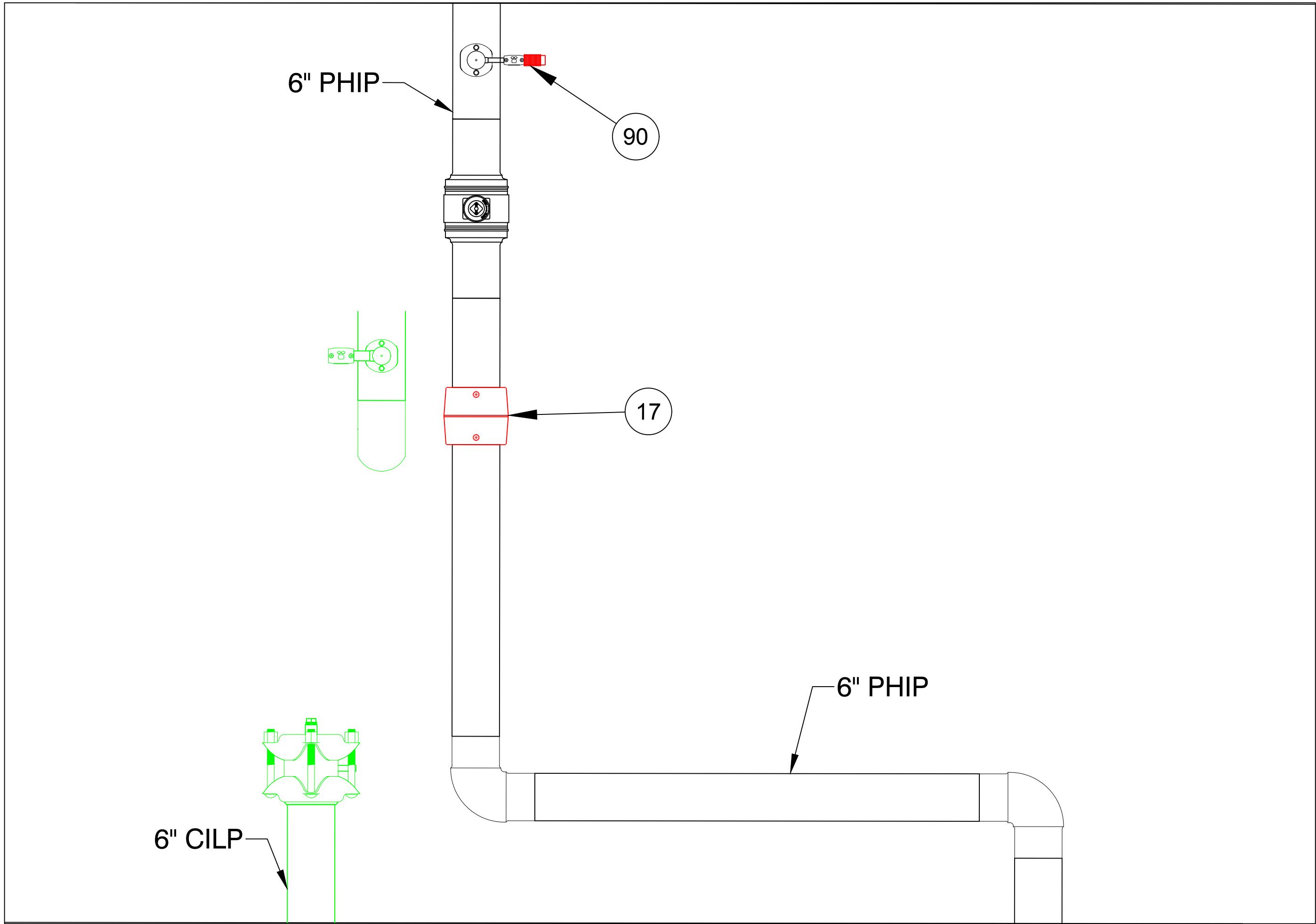
FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

WILMONT ST, SPRINGFIELD					DETAIL "C" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
10	43-02-8502	63078054	43028502	6"IPS PLEXCO BUTT END CAP SDR-11,BLACK,PE3408,5/BX PLEXCO #994578 PHILLIPS #80M060110CPSTB CENTRAL PLASTICS #691-0887 PERFORMANCE # 1006436	1	EA
12	43-04-800	63051049	4304800	1/2" CTS EF COUPLING FOR PE3408 .090 WALL 1/2" CTS .090 WALL 2406 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 5760001 part# verified 8/12	1	EA
13	43-04-801	63051057	4304801	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	1	EA
21	43-06-8507	63078150	43068507	6"IPS PLEXCO 90D BUTT ELBOW SDR-11,BLACK,PE3408,2/BX PLEXCO #990622 PHILLIPS #80M060110L90DB CENTRAL PLASTICS #691-0937	2	EA
54	43-15-816	63051740	4315816	6" X 1.25" EF TAPPING TEE IPSxCTS .121W ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE3408 POLYTHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 575-7142 old Med Dens CENTRAL # 10002901 part# verified 8/12	1	EA
55	43-15-817	63051277	4315817	6"IPS X 1/2" CTS ECTROFUSION TAPPING TEE 4.7 SOLID PIN FOR .090 WALL 2406 & 3408 POLYETHENE PIPE CENTRAL #575-7021	1	EA



PREPARATORY DETAIL C
NOT TO SCALE

WILMONT ST, SPRINGFIELD				DETAIL "C" FINAL		
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
17	43-04-804	63051039	4304804	6" IPS EF COUPLING FOR PE3408 6" IPS 2406 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6009 CENTRAL # 5757009 part# verified 8/12 box qty 8	1	EA
90	07-50-823	63424221	750823	1/2 IN CTS .090W END CAP LYCOFIT 100/PKG R.W. LYALL #LY-LC010B-ECR	1	EA



FINAL DETAIL C
NOT TO SCALE

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i> SHEET 08 OF 20			
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-08	

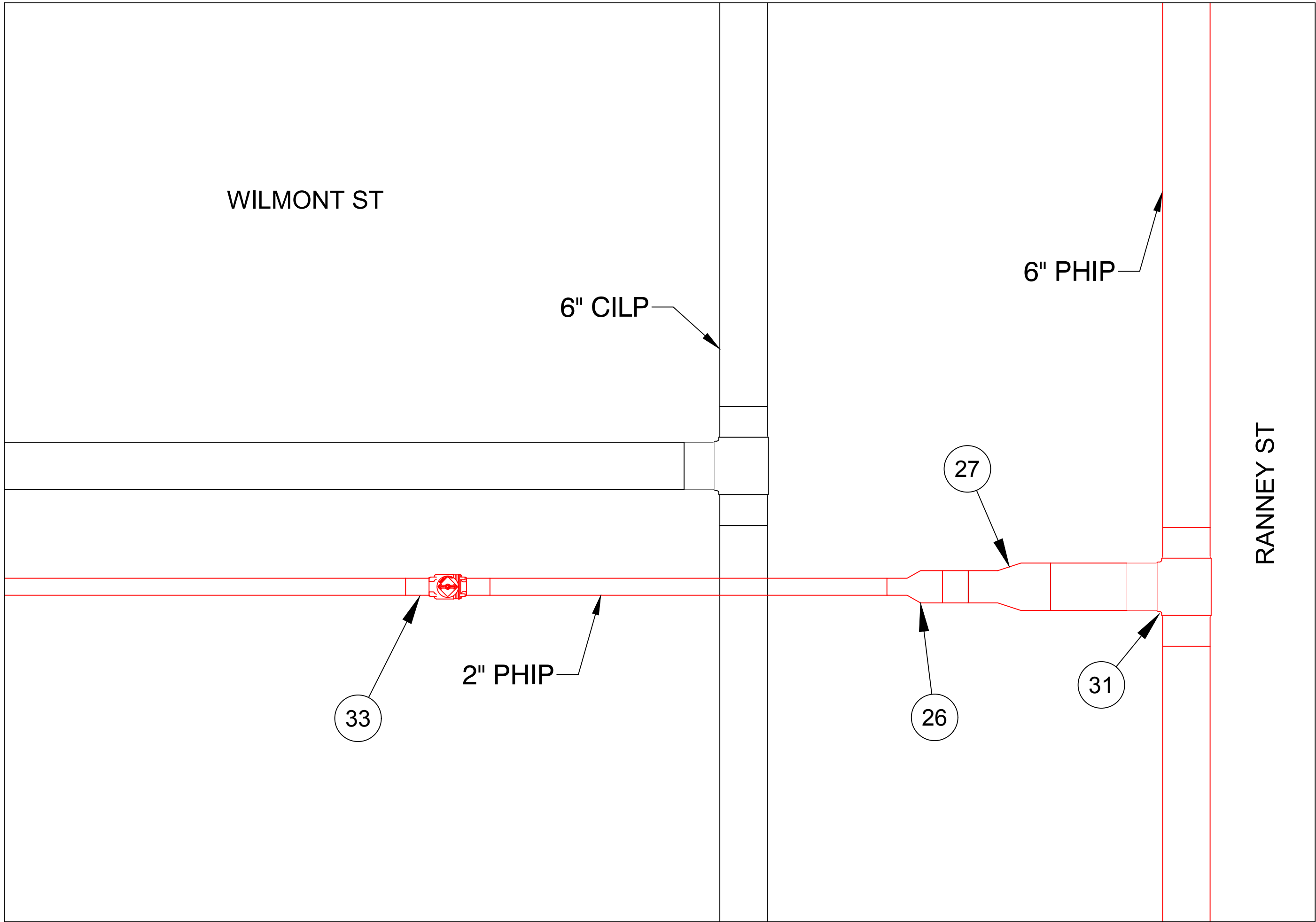
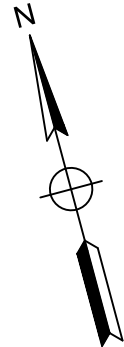
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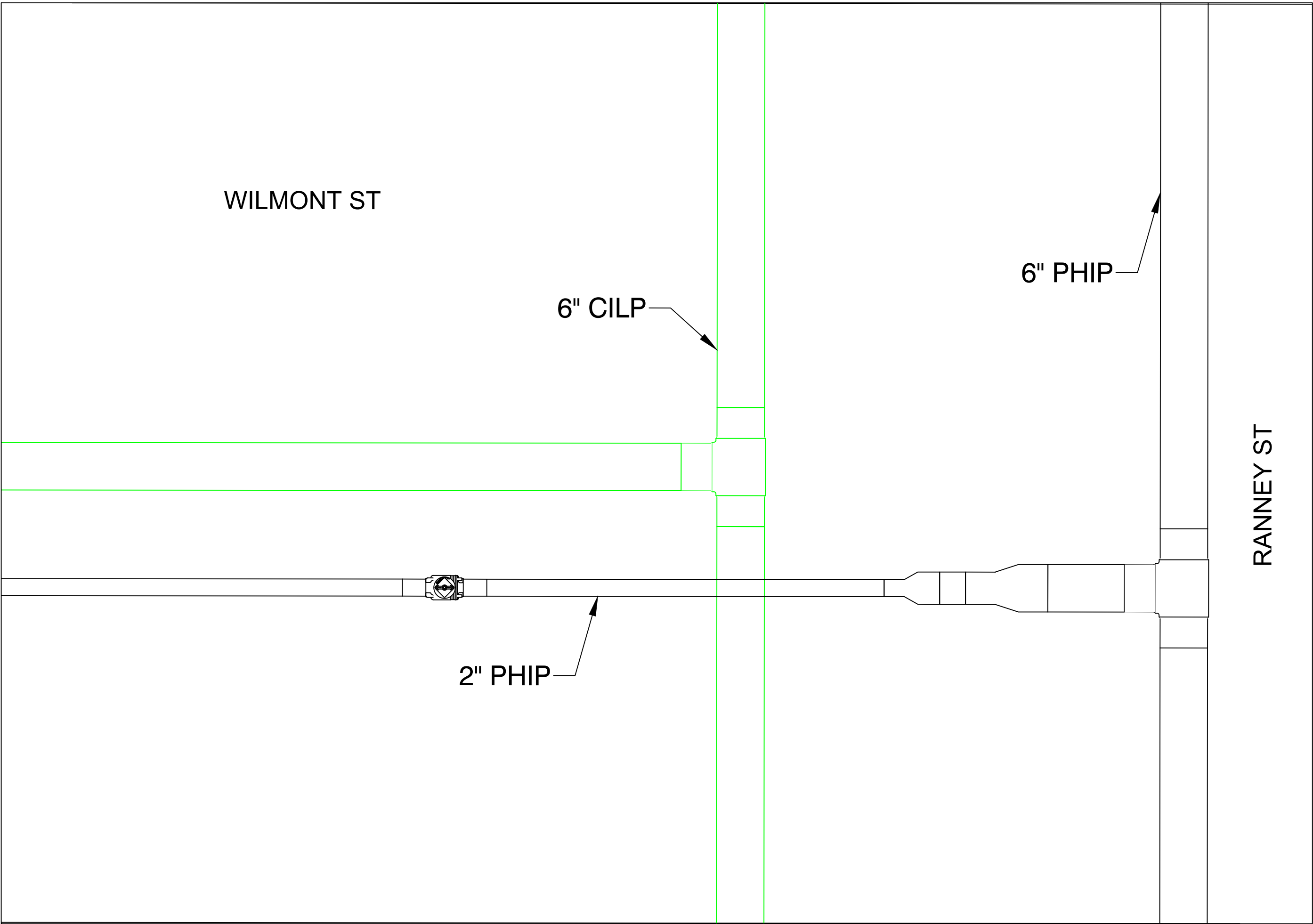
VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

WILMONT ST, SPRINGFIELD					DETAIL "D" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
26	43-10-8512	63078377	43108512	4"IPS PLEXCO BUTT REDUCER X 2 IN IPS .216W,SDR-11,PE3408 10/BOX, PLEXCO #949187 5/BOX, CENTRAL PLASTICS #691-0899	1	EA
27	43-10-8513	63078395	43108513	6"IPS PLEXCO BUTT REDUCER X 4 IN IPS,.409W SDR-11 PE3408 6/BOX, PLEXCO CORP. #984302 CENTRAL PLASTICS #691-0896	1	EA
31	43-12-8517	63078458	43128517	6"IPS PLEXCO BUTT TEE SDR-11, BLACK,PE3408, 2/PKG PLEXCO #990737 CENTRAL PLASTICS #691-0912 PERFORMANCE# 1006442 part# verified 8/12	1	EA
33	16-05-825	14281726	1605825	2" HDPE POLYVALVE BALL VALVE SDR-11 FULL BORE .216 WALL,PLEXCO MATERIAL HOESCHT GM5010T2 MATERIAL MULCARE ENG. EQUIPMENT CONTROLS NORDSTRUM VALVES FOR USE WITH PLEXCO 3408 PIPE PERFECTION #45508 NORDSTRUM PART #89111-2" 6/CS FULL PORT	1	EA



PREPARATORY DETAIL D
NOT TO SCALE



FINAL DETAIL D
NOT TO SCALE

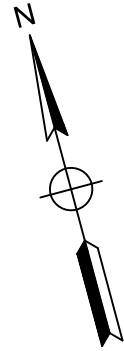
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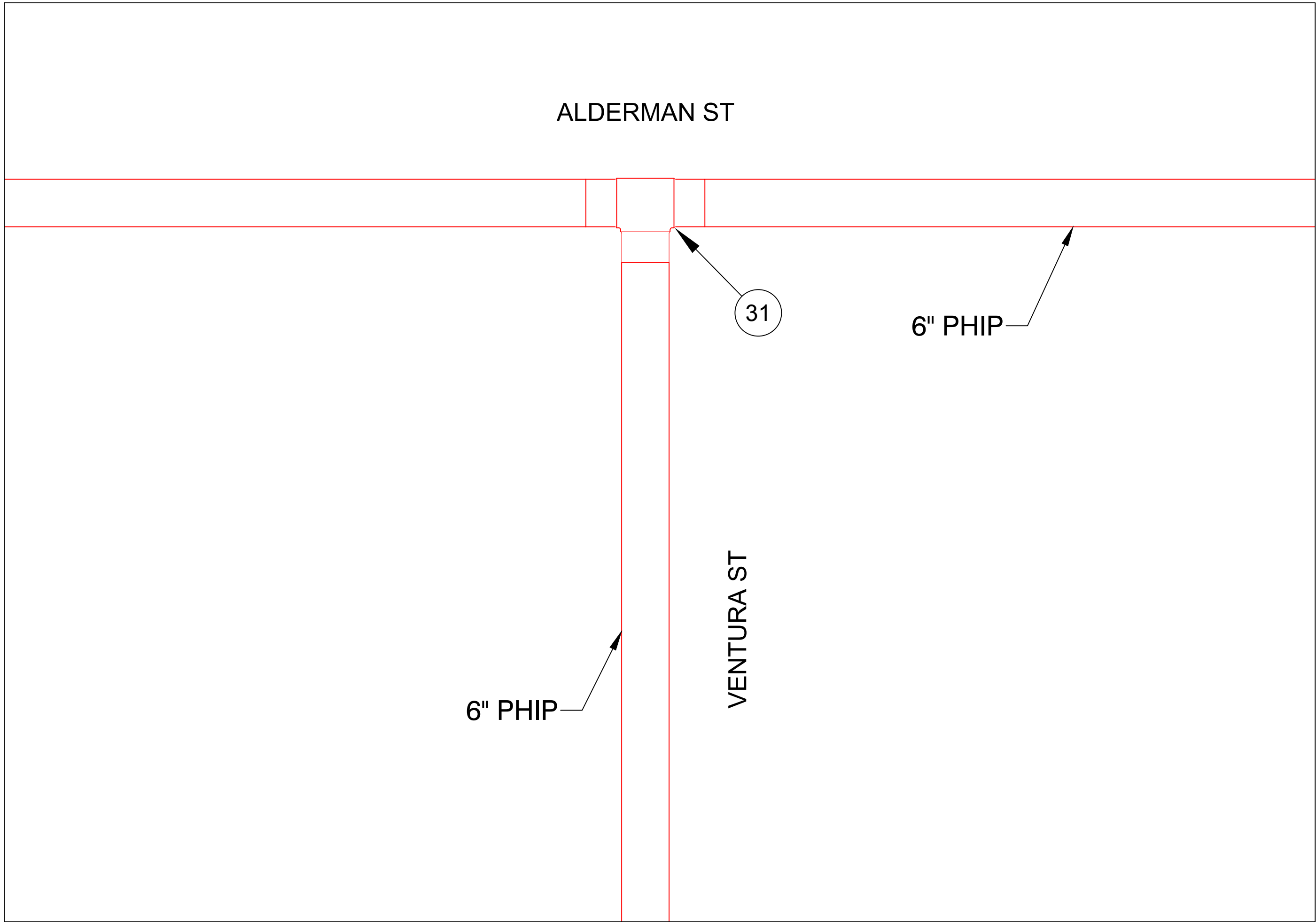
VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

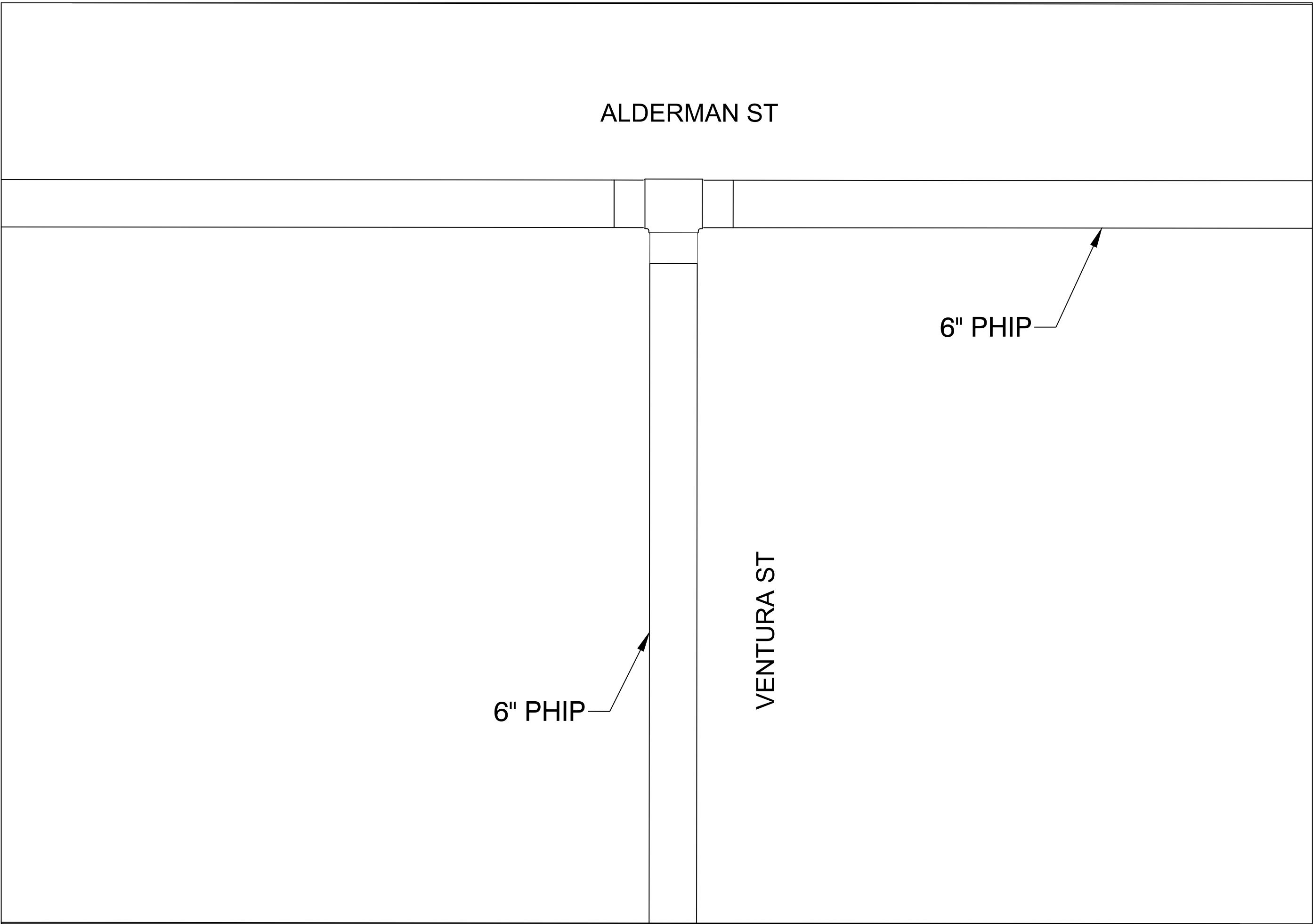
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No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 09 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-09	A



WILMONT ST, SPRINGFIELD					DETAIL "E" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
31	43-12-8517	63078458	43128517	6"IPS PLEXCO BUTT TEE SDR-11, BLACK,PE3408, 2/PKG PLEXCO #990737 CENTRAL PLASTICS #691-0912 PERFORMANCE# 1006442 part# verified 8/12	1	EA



PREPARATORY DETAIL E
NOT TO SCALE



FINAL DETAIL E
NOT TO SCALE

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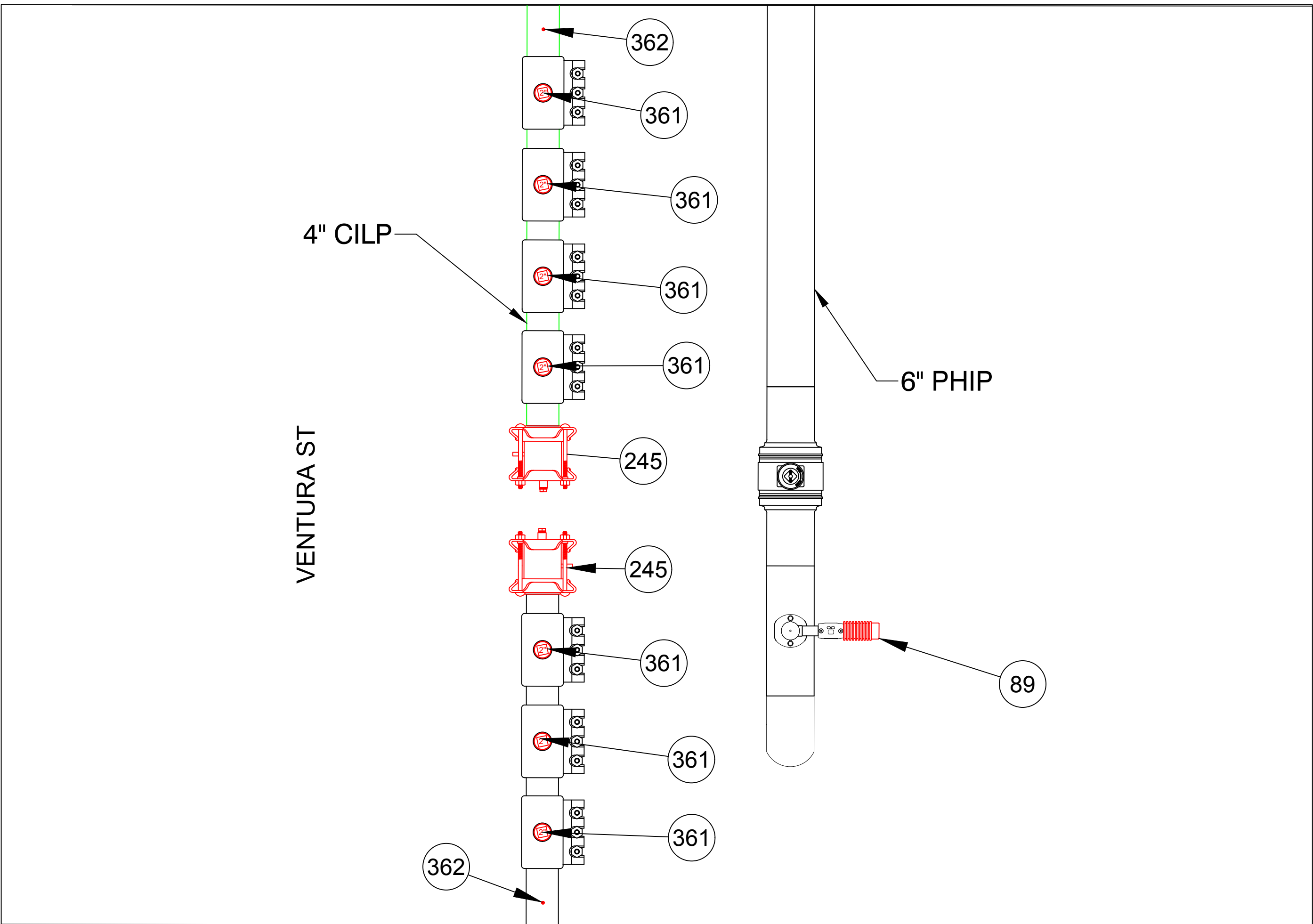
PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 10 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-10	

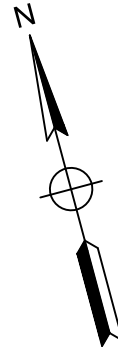
WILMONT ST, SPRINGFIELD					DETAIL "F" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
245	21-12-8008	63481719	21128008	4" #EZ-B48-V-UMG LINE CAP FOR 4.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR /CSI #EZ-B48-V-UMG	2	EA
361	25-31-850	19080340	2531850	2 IN S/H CORED C.I. PIPE PLUG	7	EA
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL.PIEE PLUG 100/CTN	2	EA
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	1	EA



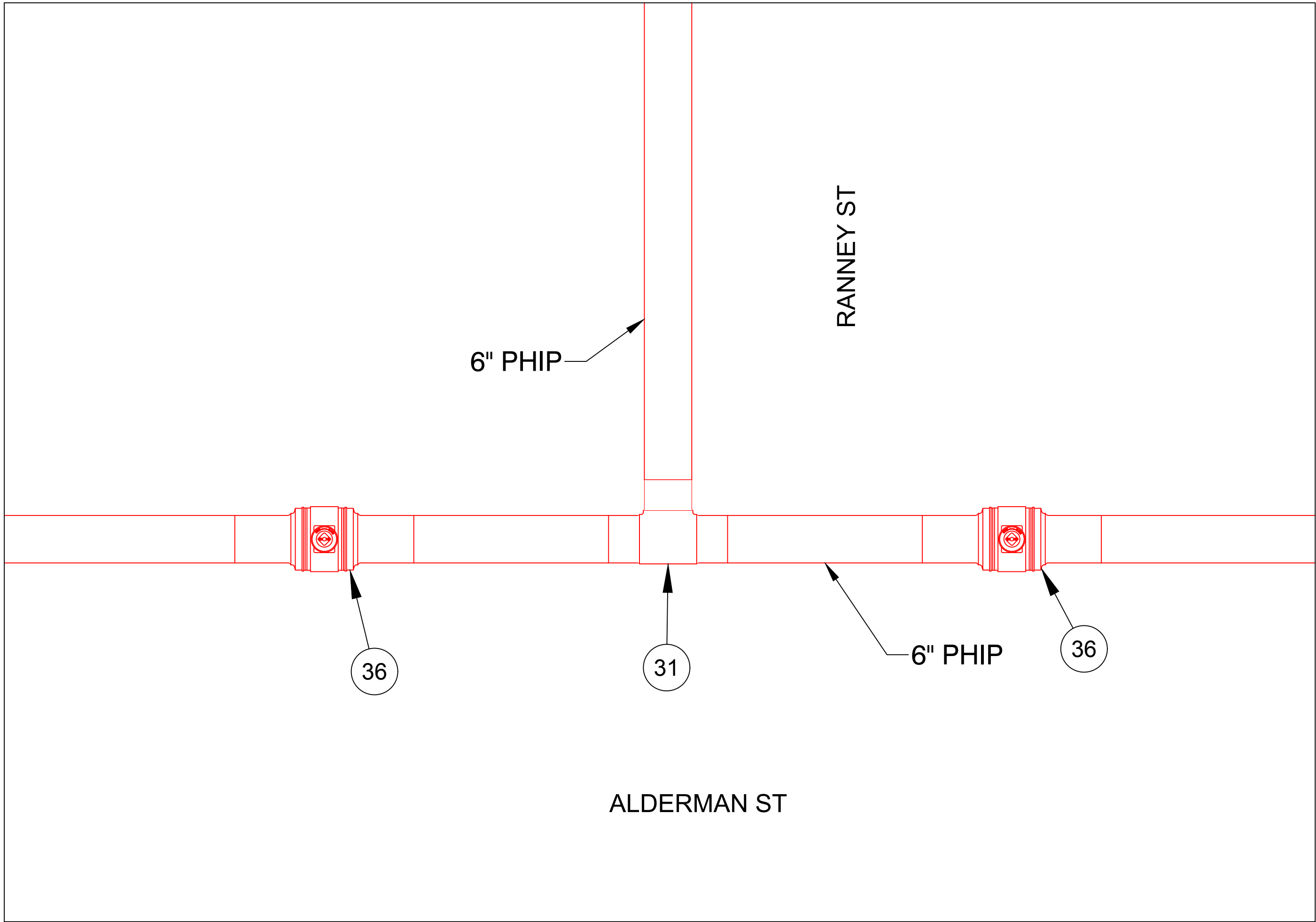
FINAL DETAIL F

NOT TO SCALE

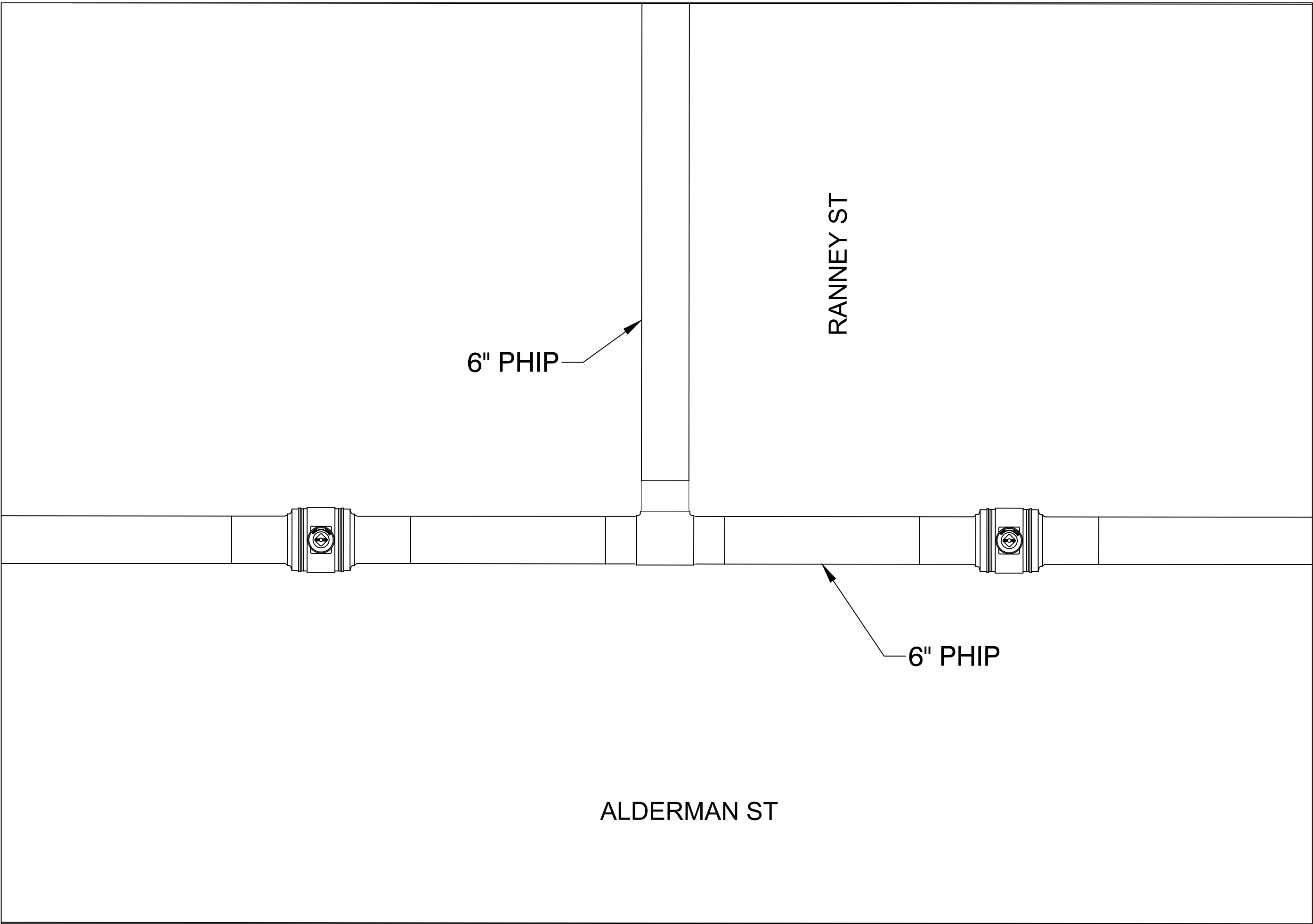
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WILMONT ST, SPRINGFIELD					DETAIL "G" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
31	43-12-8517	63078458	43128517	6"IPS PLEXCO BUTT TEE SDR-11, BLACK,PE3408, 2/PKG PLEXCO #990737 CENTRAL PLASTICS #691-0912 PERFORMANCE# 1006442 part# verified 8/12	1	EA
36	16-05-828	14281745	1605828	6" HDPE POLYVALVE BALL VALV SDR-11 FULL BORE FLOWSERVE NORDSTROM VALVE # 89111-6"	2	EA



PREPARATORY DETAIL G
NOT TO SCALE



FINAL DETAIL G
NOT TO SCALE

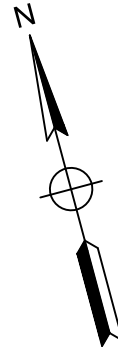
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PE STAMP AND SIGNATURE

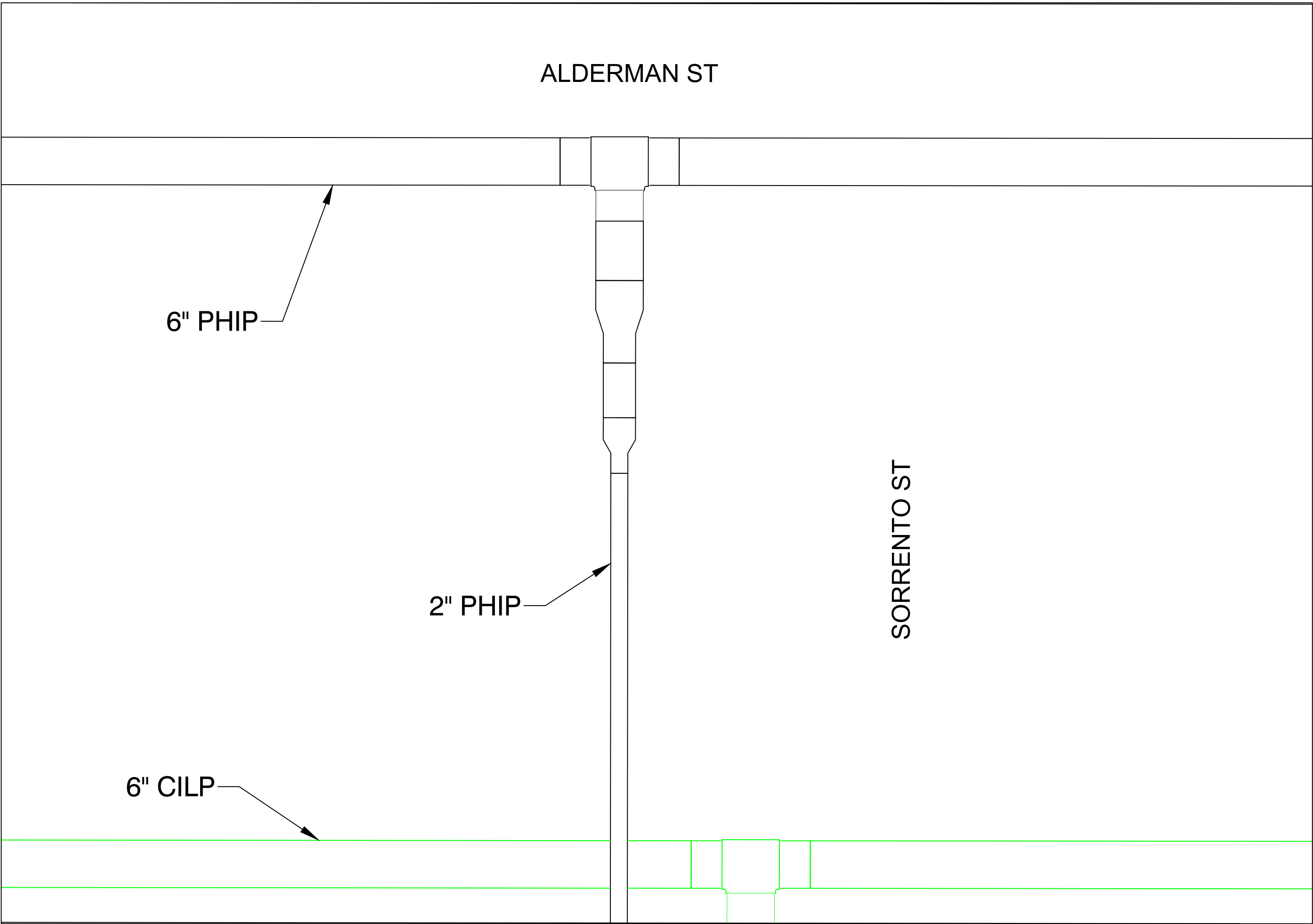
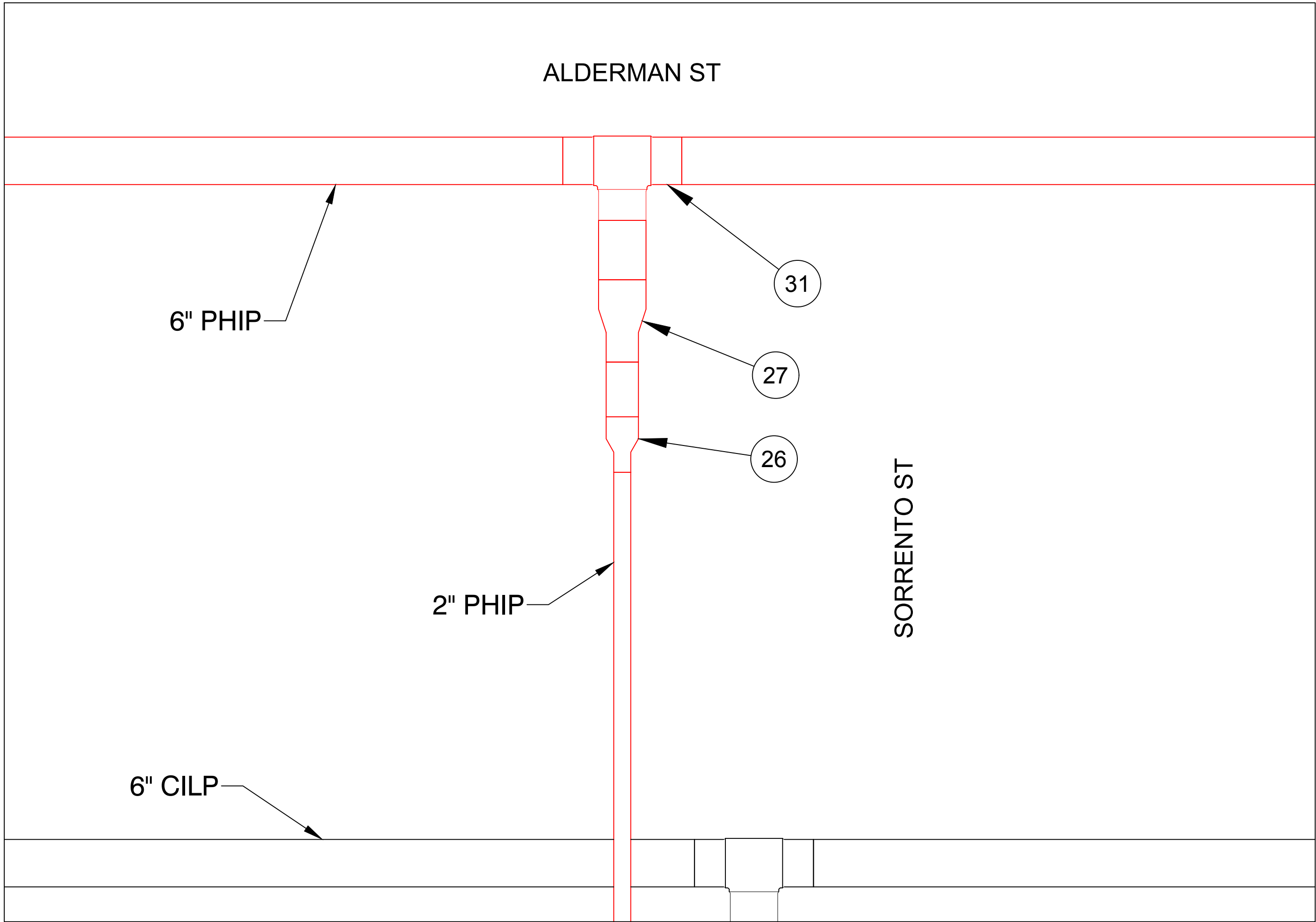
VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 12 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-12	A



WILMONT ST, SPRINGFIELD					DETAIL "H" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
26	43-10-8512	63078377	43108512	4"IPS PLEXCO BUTT REDUCER X 2 IN IPS .216W,SDR-11,PE3408 10/BOX, PLEXCO #949187 5/BOX, CENTRAL PLASTICS #691-0899	1	EA
27	43-10-8513	63078395	43108513	6"IPS PLEXCO BUTT REDUCER X 4 IN IPS,.409W SDR-11 PE3408 6/BOX, PLEXCO CORP. #984302 CENTRAL PLASTICS #691-0896	1	EA
31	43-12-8517	63078458	43128517	6"IPS PLEXCO BUTT TEE SDR-11, BLACK,PE3408, 2/PKG PLEXCO #990737 CENTRAL PLASTICS #691-0912 PERFORMANCE# 1006442 part# verified 8/12	1	EA



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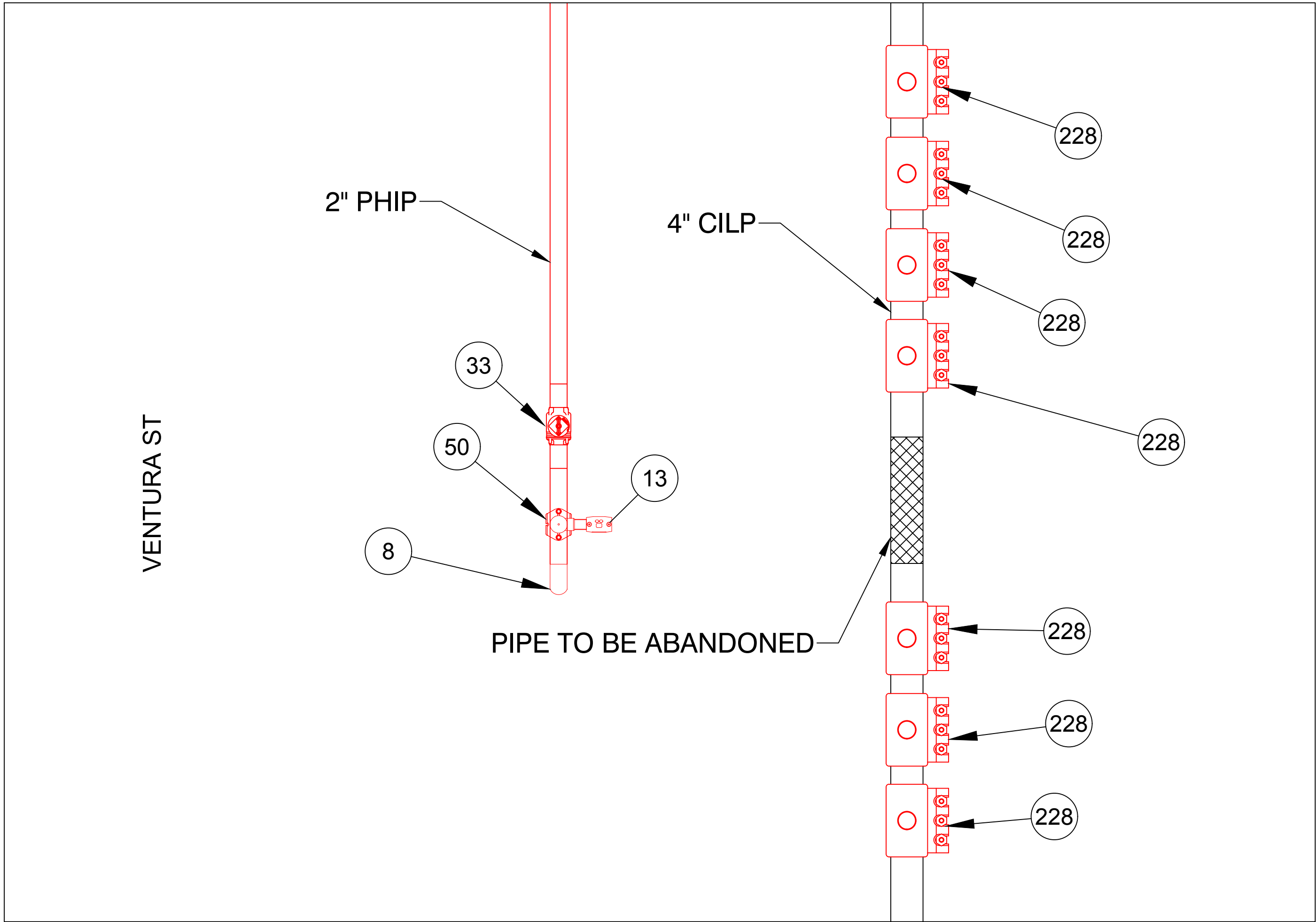
PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

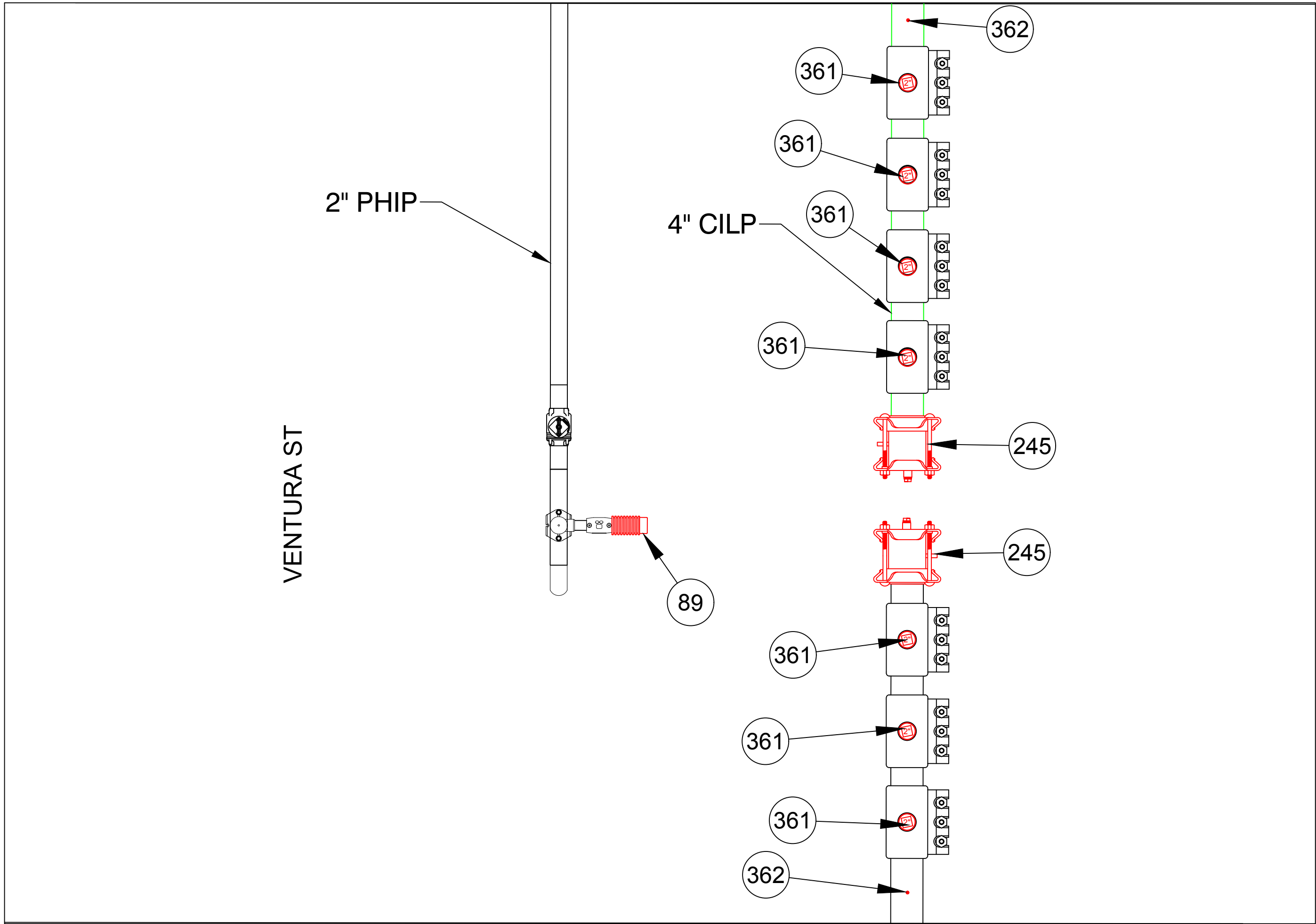
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No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 13 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-13	

WILMONT ST, SPRINGFIELD					DETAIL "I" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
13	43-04-801	63051057	4304801	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	1	EA
228	21-15-8033	63462113	21158033	4 X 9" SERVI-SEAL CI 2" TAP #509-9-0474 IRON,AND STEEL PIPE W/GRIDDED GASKET AND 2" TAPPED OUTLET MUELLER #509-9-0474	7	EA
33	16-05-825	14281726	1605825	2" HDPE POLYVALVE BALL VALVE SDR-11 FULL BORE .216 WALL,PLEXCO MATERIAL HOESCHT GM5010T2 MATERIAL MULCARE ENG. EQUIPMENT CONTROLS NORDSTRUM VALVES FOR USE WITH PLEXCO 3408 PIPE PERFECTION #45508 NORDSTRUM PART #89111-2" 6/CS FULL PORT	1	EA
50	43-15-812	63051221	4315812	2" X 1.25" EF TAPPING TEE IPSxCTS ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE2406 & PE3408 POLYETHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 5757086 part# verified 8/12	1	EA
8	43-02-8500	63078024	43028500	2" IPS BUTT END CAP SDR-11,BLACK,PE3408,10/BX PLEXCO #993284 PHILLIPS #80M020110CPSTB CENTRAL PLASTICS #691-0882 PERFORMANCE # 1006420	1	EA

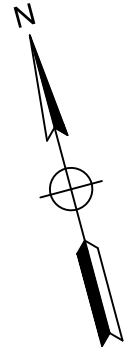


PREPARATORY DETAIL I
NOT TO SCALE

WILMONT ST, SPRINGFIELD					DETAIL "I" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
245	21-12-8008	63481719	21128008	4" #EZ-B48-V-UMG LINE CAP FOR 4.80" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR /CSI #EZ-B48-V-UMG	2	EA
361	25-31-850	19080340	2531850	2 IN S/H CORED C.I. PIPE PLUG	7	EA
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL.PIPE PLUG 100/CTN	2	EA
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	1	EA



FINAL DETAIL I
NOT TO SCALE



A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 14 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-14	

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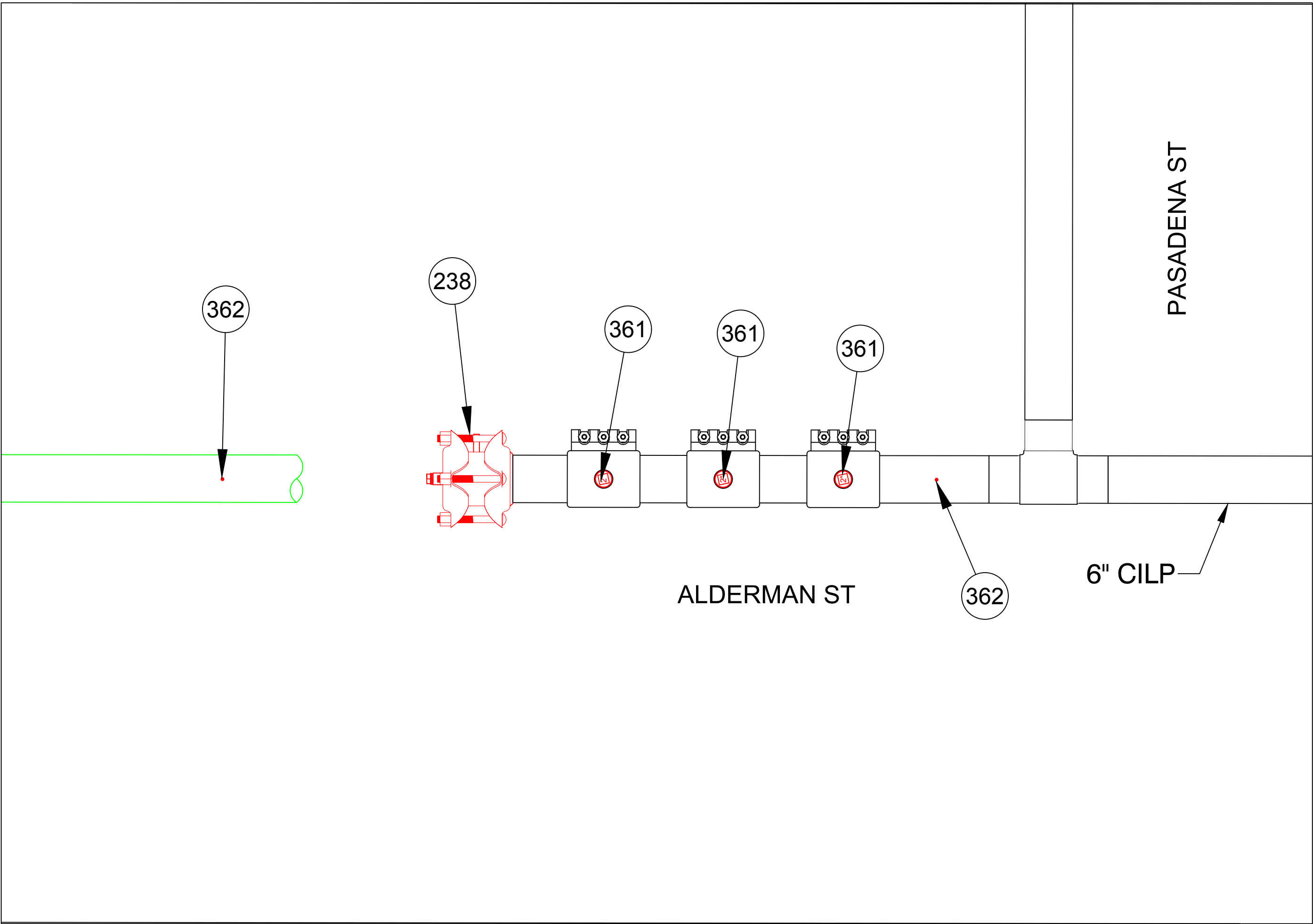
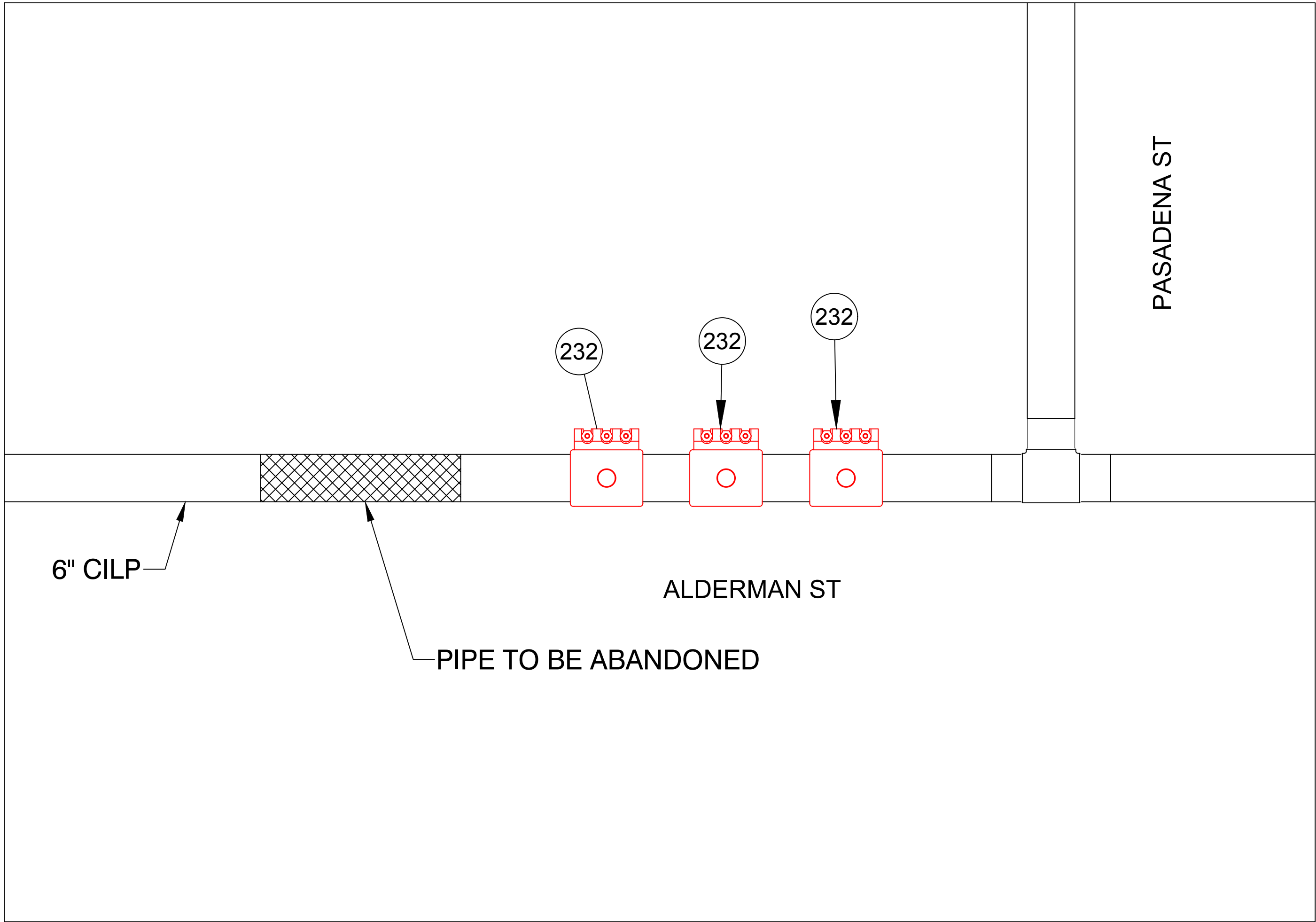
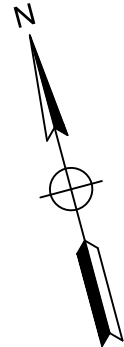
PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

WILMONT ST, SPRINGFIELD					DETAIL "J" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
232	21-15-8041	63462159	21158041	6 X 9" SERVI-SEAL CI 2" TAP #509-9-0684 IRON AND STEEL PIPE W/GRIDDED GASKET & 2" TAPPED OUTLET MUELLER #509-9-0684	3	EA

WILMONT ST, SPRINGFIELD					DETAIL "J" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
238	21-12-8001	63481721	21128016	6" #0711-0356-216 LINE CAP FOR 6.90" OD C.I. PIPE, 5 IN MIDDLE RING LENGTH,PLAIN ADAPTER GASKET SHOP COATED W/ANODE CONNECTOR SMITH BLAIR #EZ-B69-V-UMG DRESSER #0711-0356-216	1	EA
361	25-31-850	19080340	2531850	2 IN S/H CORED C.I. PIPE PLUG	3	EA
362	25-31-8557	19080030	25318557	1/4 IN S/H SOLID STL.PIPE PLUG 100/CTN	2	EA



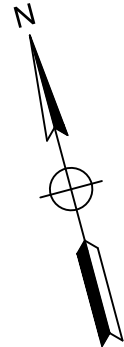
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No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 15 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-15	A

PE STAMP AND SIGNATURE

VENDOR LOGO

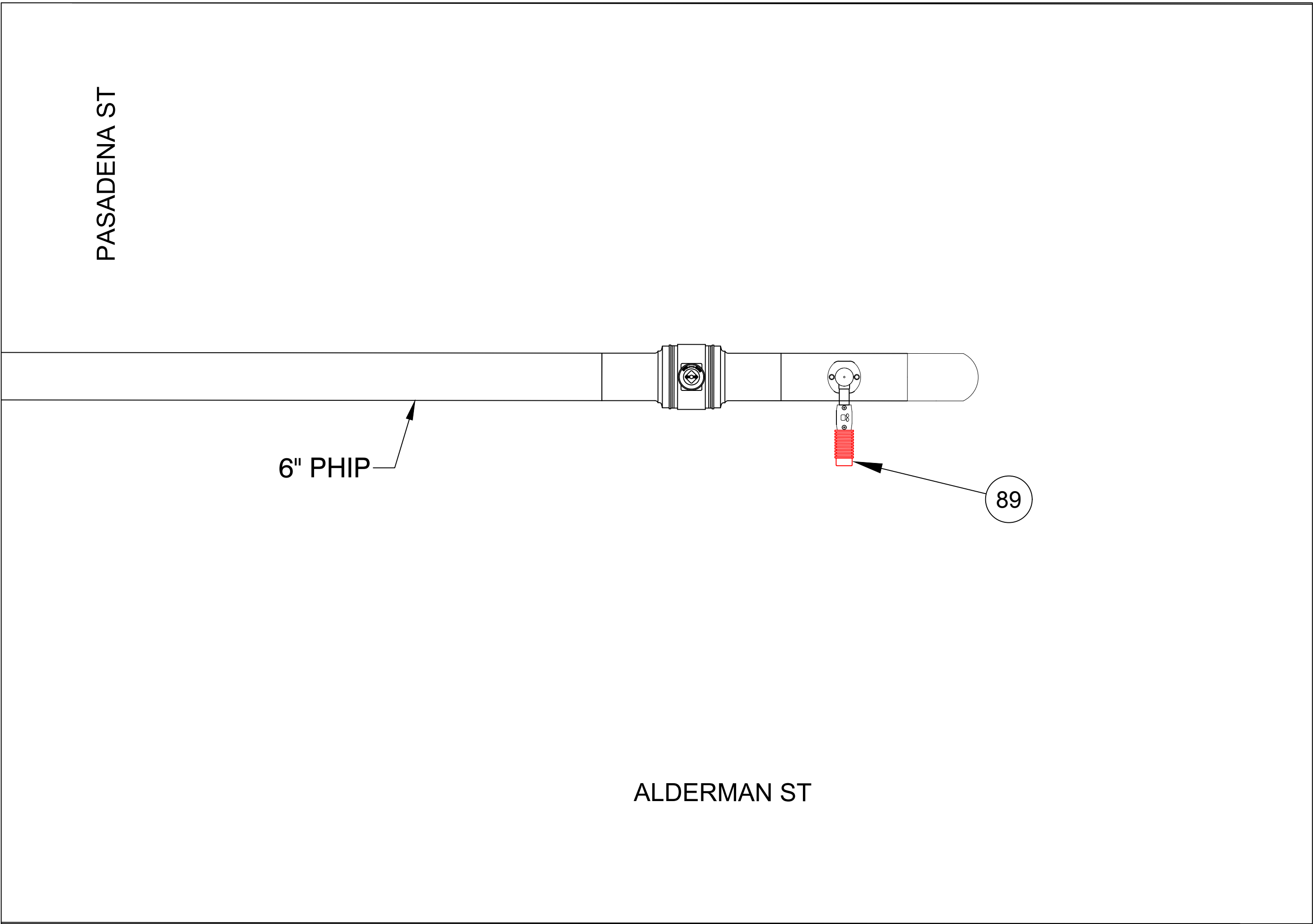
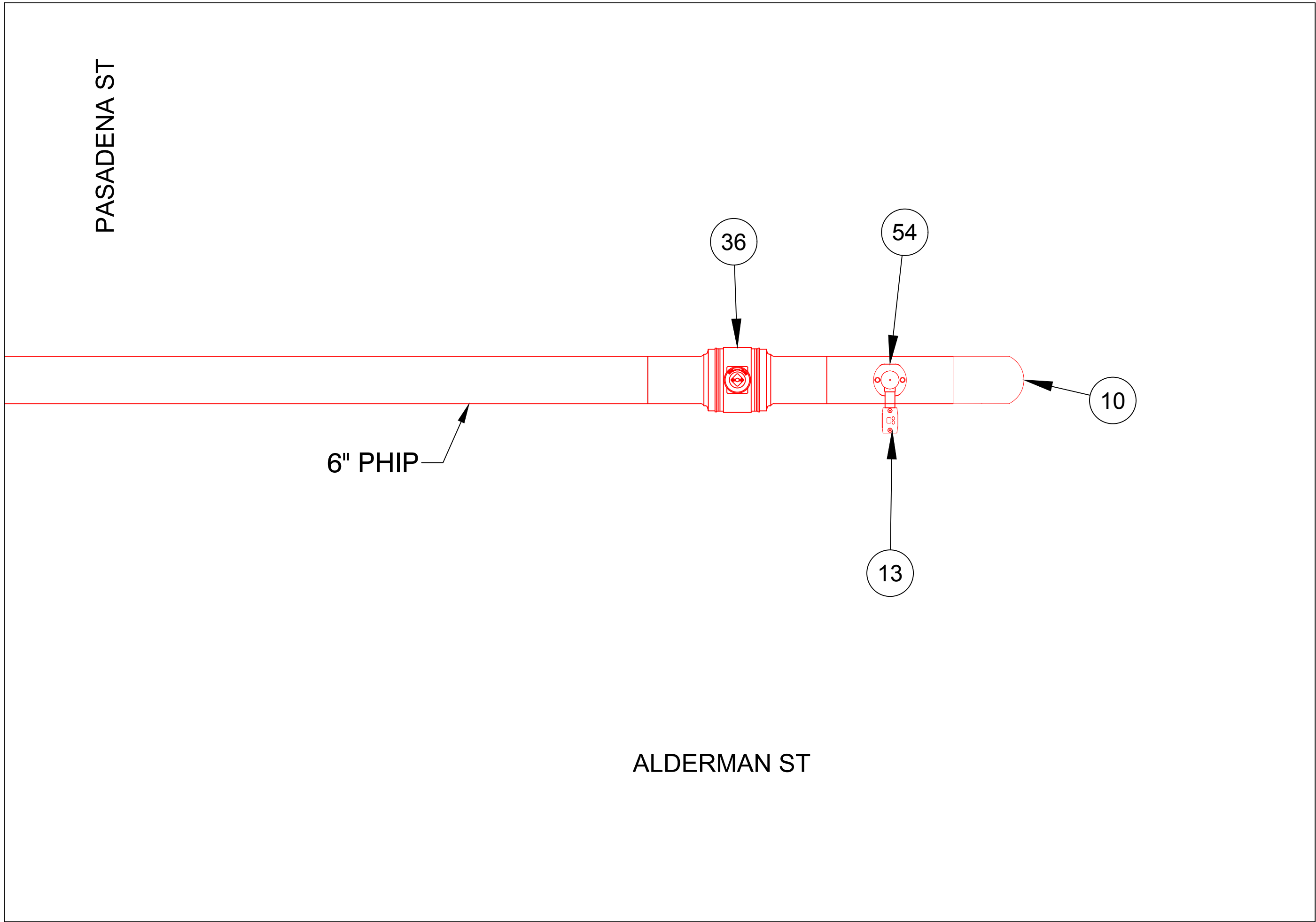
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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION



WILMONT ST, SPRINGFIELD					DETAIL "K" PREPARATORY	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
10	43-02-8502	63078054	43028502	6"IPS PLEXCO BUTT END CAP SDR-11,BLACK,PE3408,5/BX PLEXCO #994578 PHILLIPS #80M060110CPSTB CENTRAL PLASTICS #691-0887 PERFORMANCE # 1006436	1	EA
13	43-04-801	63051057	4304801	1.25" CTS EF COUPLING FOR PE3408 FOR 1-1/4" CTS .090 & .121 WALL 4.7 SOLID PIN FOR PE2406 & PE3408 CENTRAL # 575-6150 CENTRAL # 10001613 part# verified 8/12	1	EA
36	16-05-828	14281745	1605828	6" HDPE POLYVALVE BALL VALV SDR-11 FULL BORE FLOWSERVE NORDSTROM VALVE # 89111-6"	1	EA
54	43-15-816	63051740	4315816	6" X 1.25" EF TAPPING TEE IPSxCTS .121W ELECTROFUSION 1-1/4 OUTLET FOR .090 & .121 WALL PE3408 POLYETHELENE PIPE WITH .8 CUTTER 4.7 SOLID PIN CENTRAL # 575-7142 old Med Dens CENTRAL # 10002901 part# verified 8/12	1	EA

WILMONT ST, SPRINGFIELD					DETAIL "K" FINAL	
REQUIRED BILL OF MATERIALS						
Item Number	WMS SSN	MRC Stock Number	Maximo Part Number	Description	Quantity	Units
89	07-50-822	63424222	750822	1.25" CTS LYCOFIT END CAP .121W 40/PKG R.W. LYALL #LC040H-ECR	1	EA



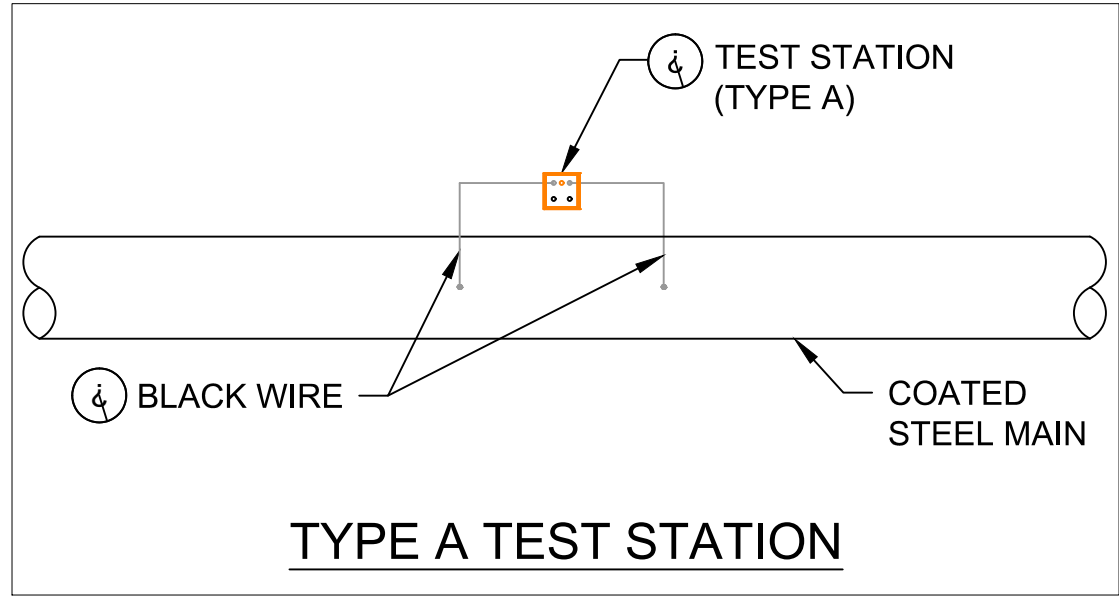
A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
PREPARATORY AND FINAL DETAILS			
SCALE: <i>Not to Scale</i>		SHEET 16 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-16	A

DRAFT

PE STAMP AND SIGNATURE

VENDOR LOGO

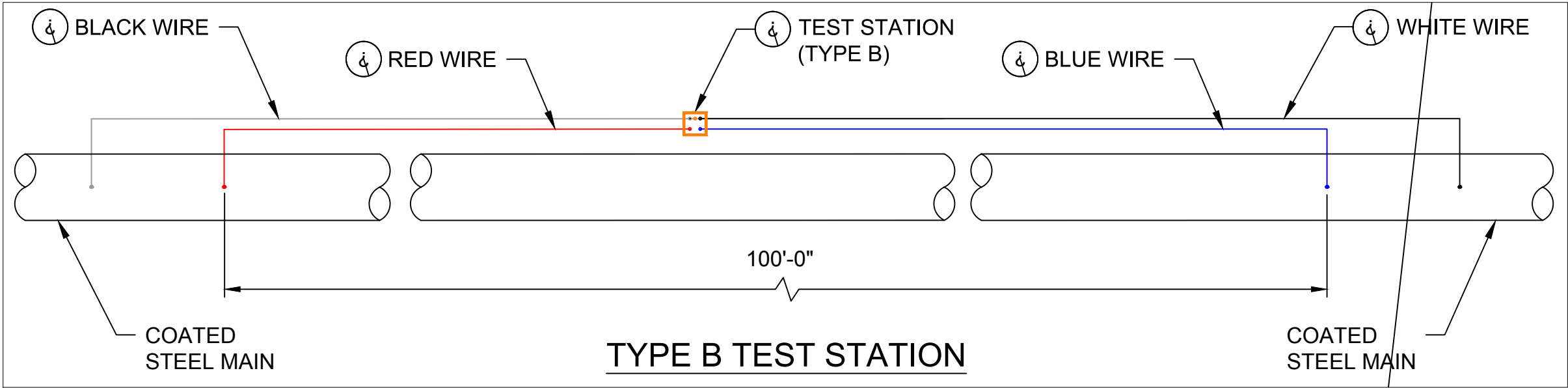
FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION



TYPE A TEST STATION

DETAIL CP1

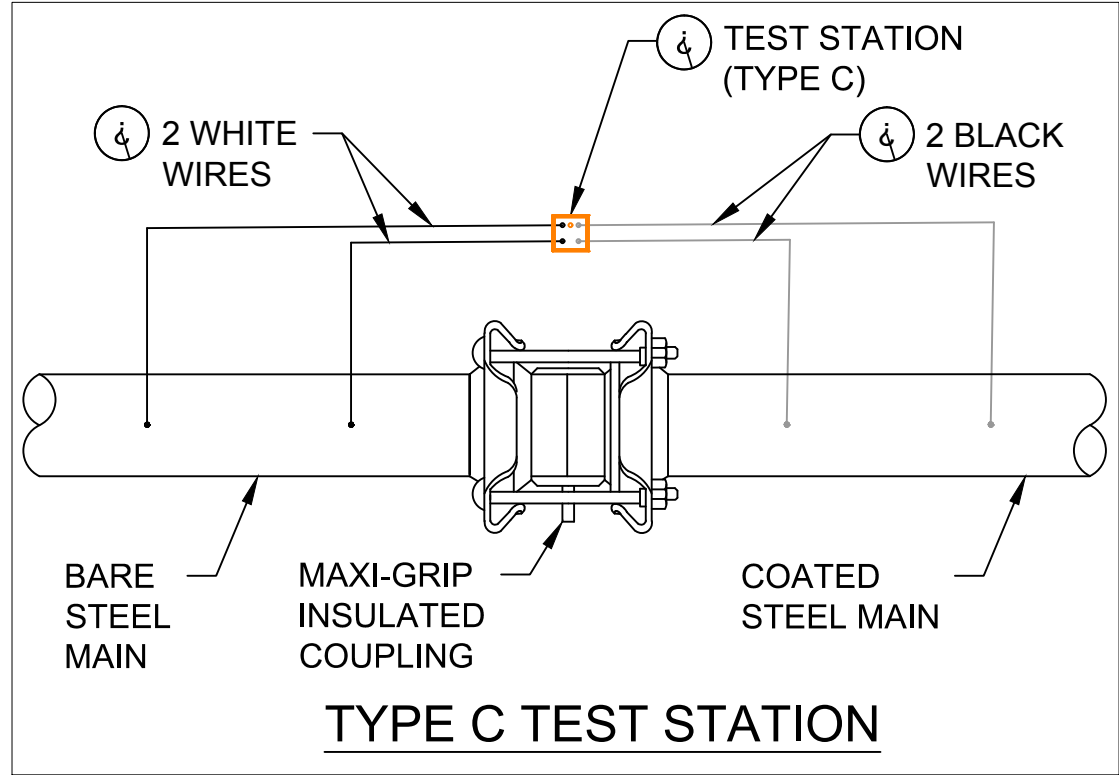
SCALE: 1/2" = 1'-0"



TYPE B TEST STATION

DETAIL CP2

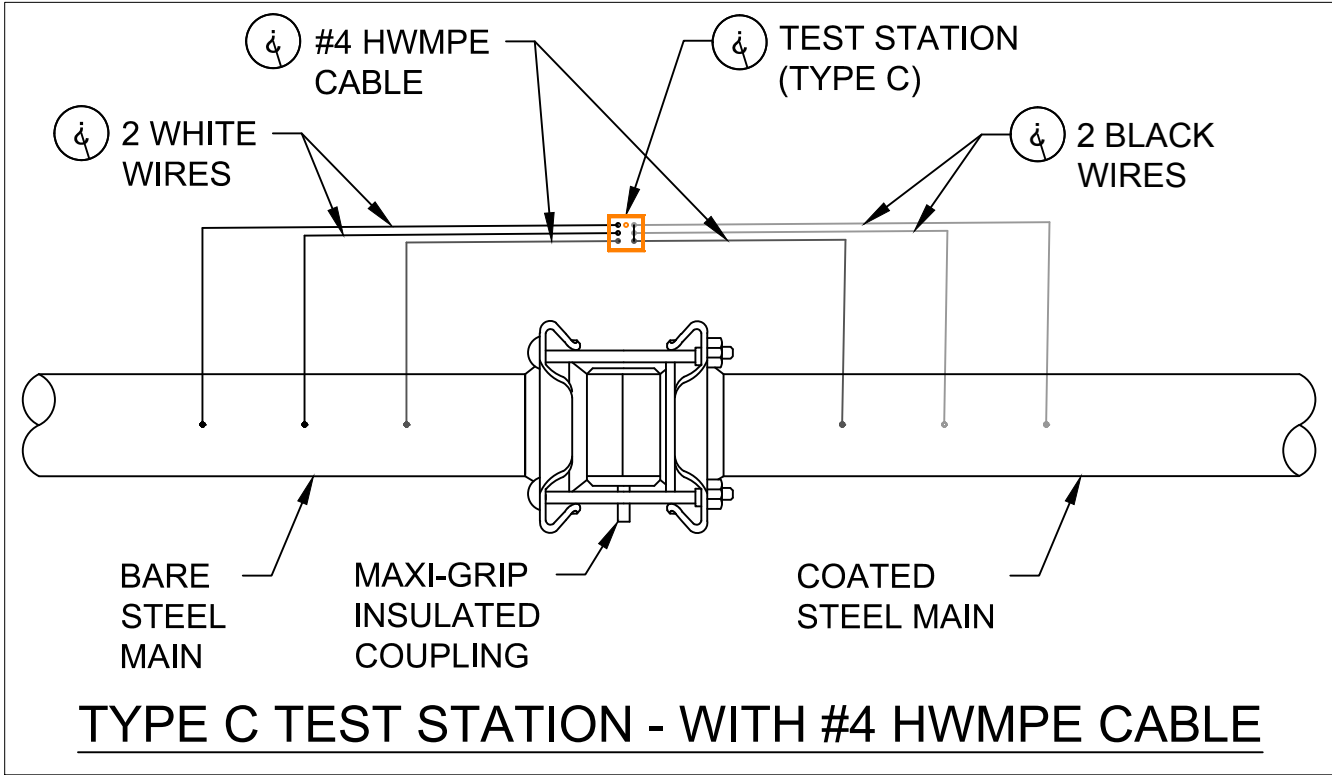
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TYPE C TEST STATION

DETAIL CP3

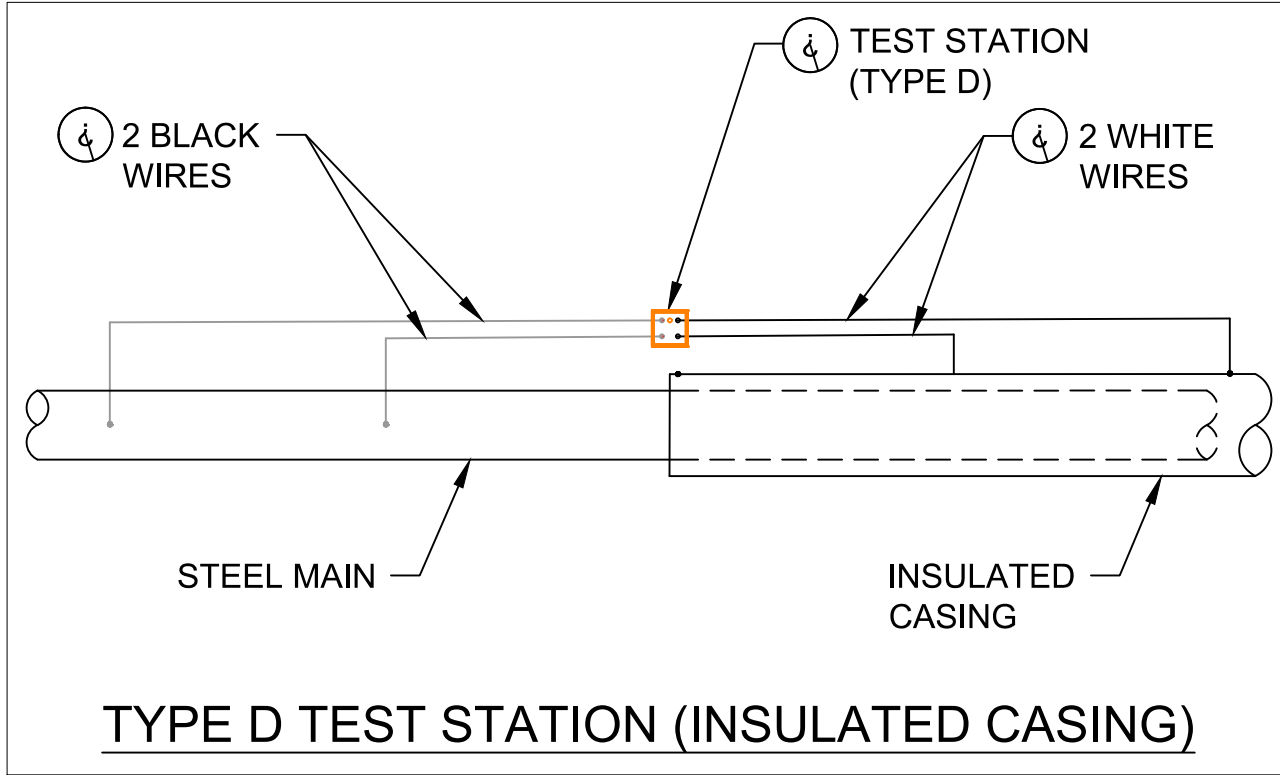
SCALE: 1/2" = 1'-0"



TYPE C TEST STATION - WITH #4 HWMPE CABLE

DETAIL CP4

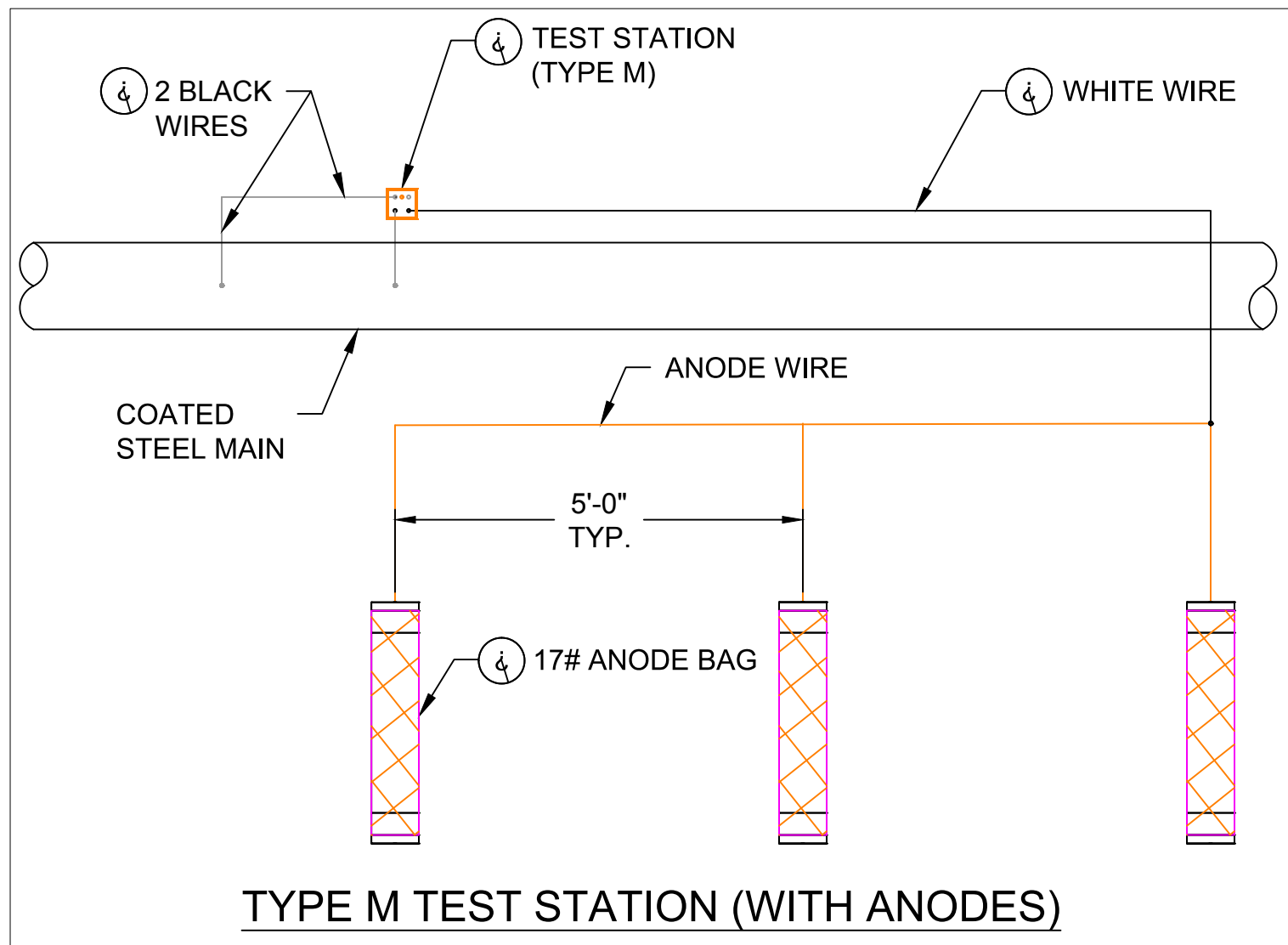
SCALE: 1/2" = 1'-0"



TYPE D TEST STATION (INSULATED CASING)

DETAIL CP5

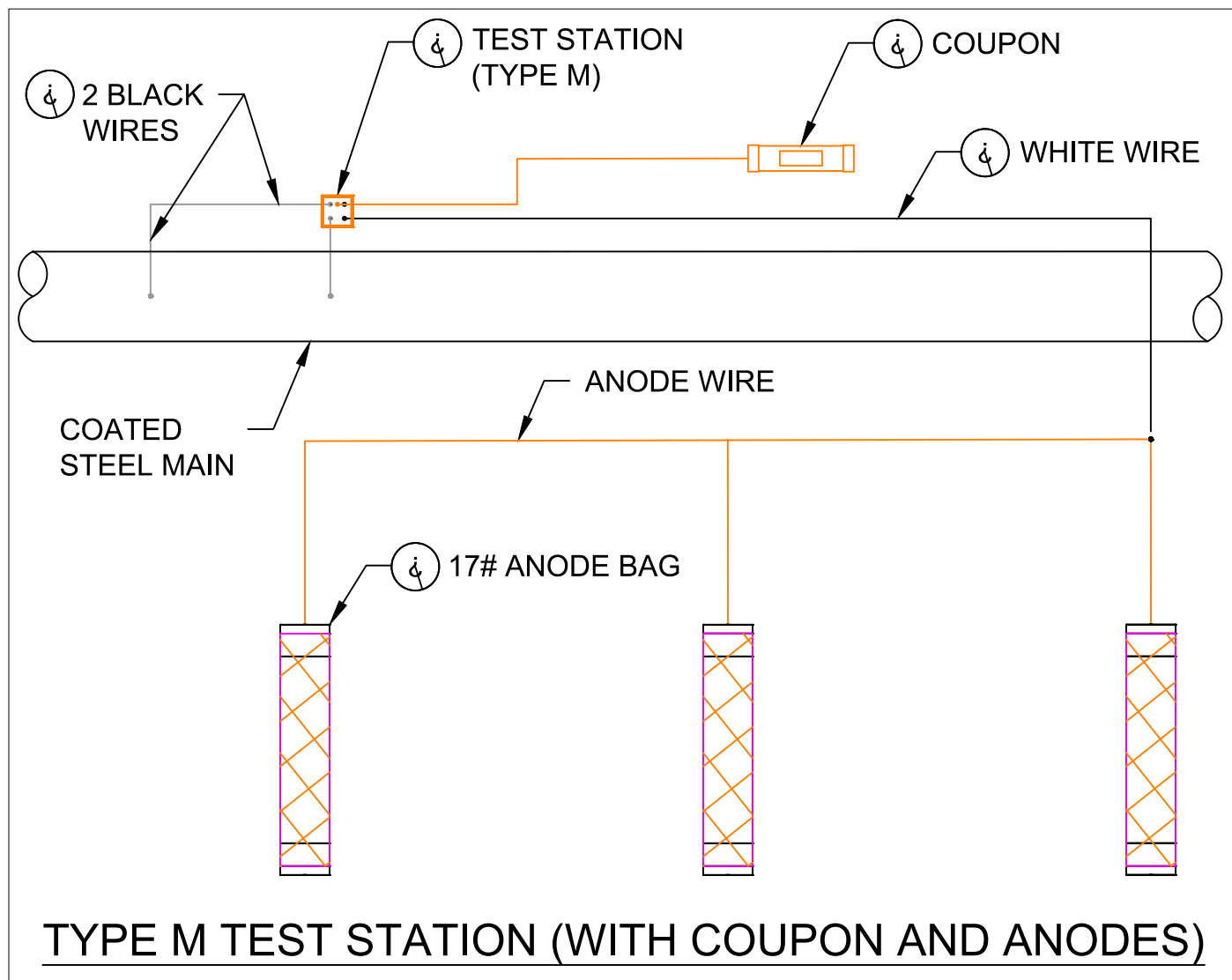
SCALE: 1/2" = 1'-0"



TYPE M TEST STATION (WITH ANODES)

DETAIL CP6

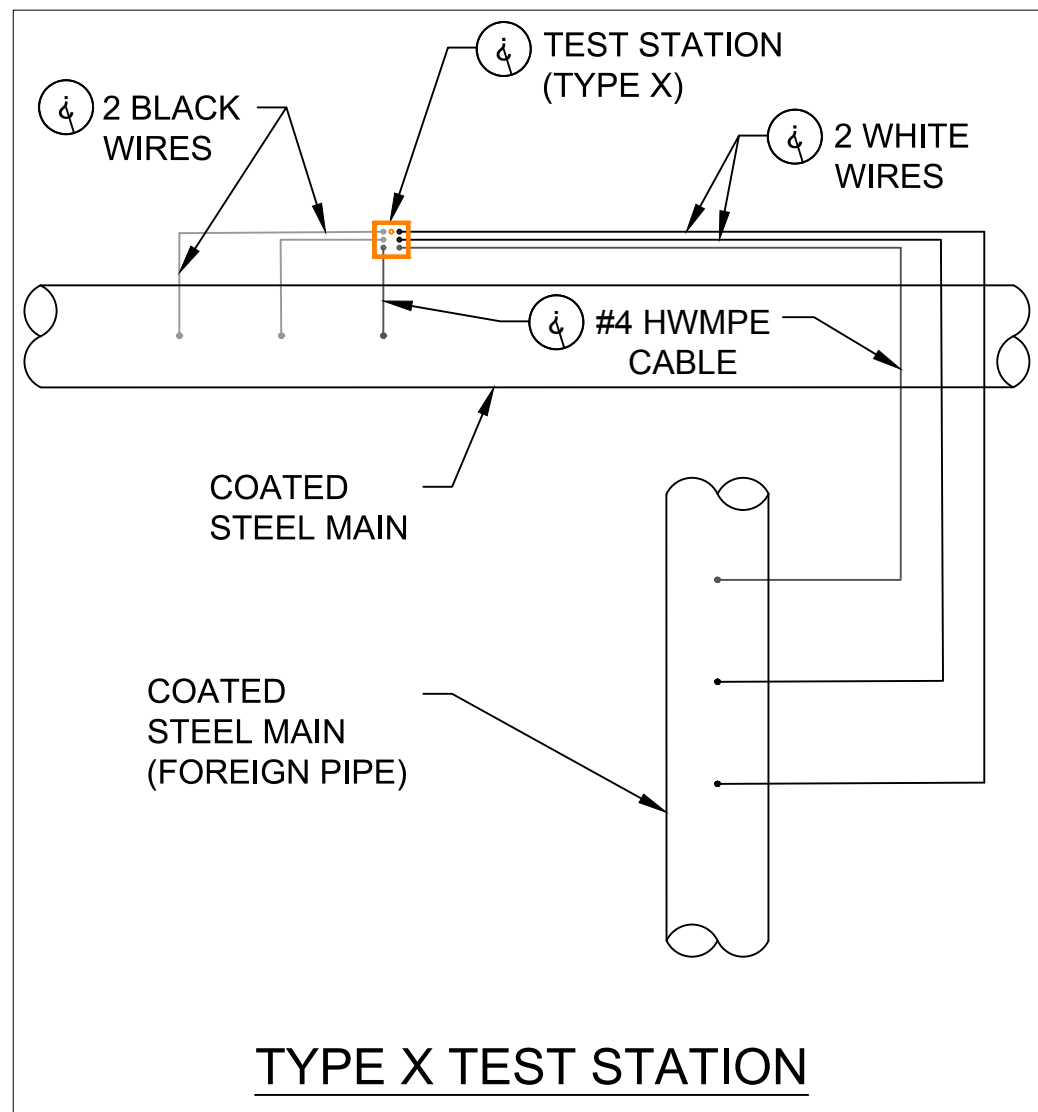
SCALE: 1/2" = 1'-0"



TYPE M TEST STATION (WITH COUPON AND ANODES)

DETAIL CP7

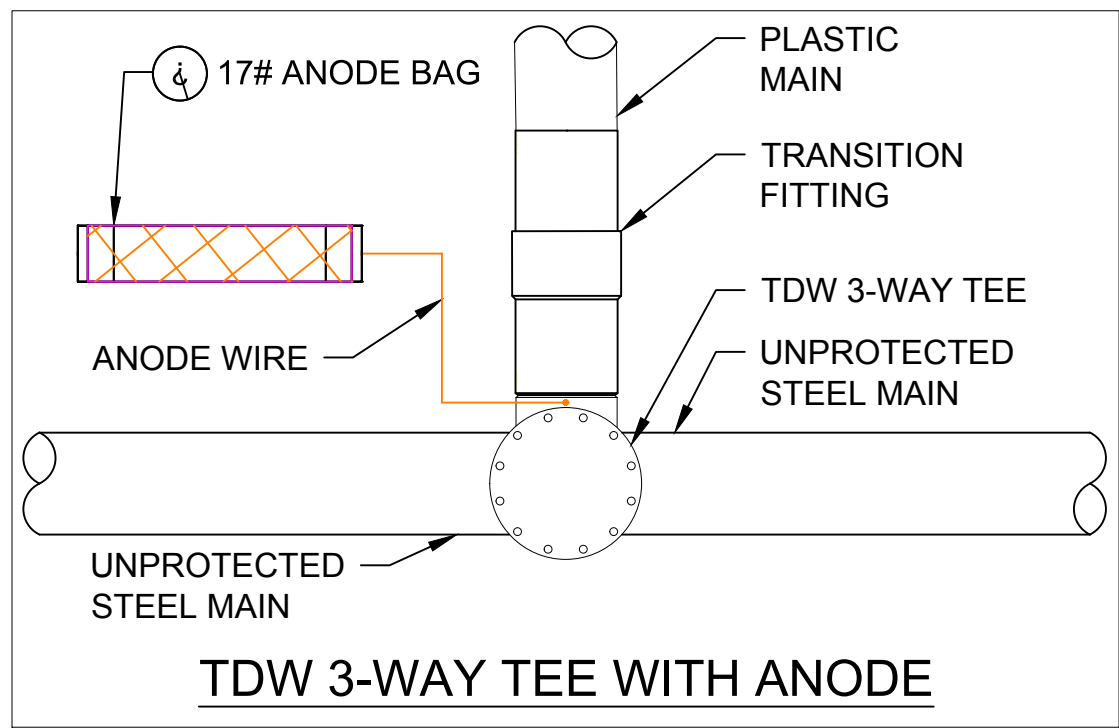
SCALE: 1/2" = 1'-0"



TYPE X TEST STATION

DETAIL CP8

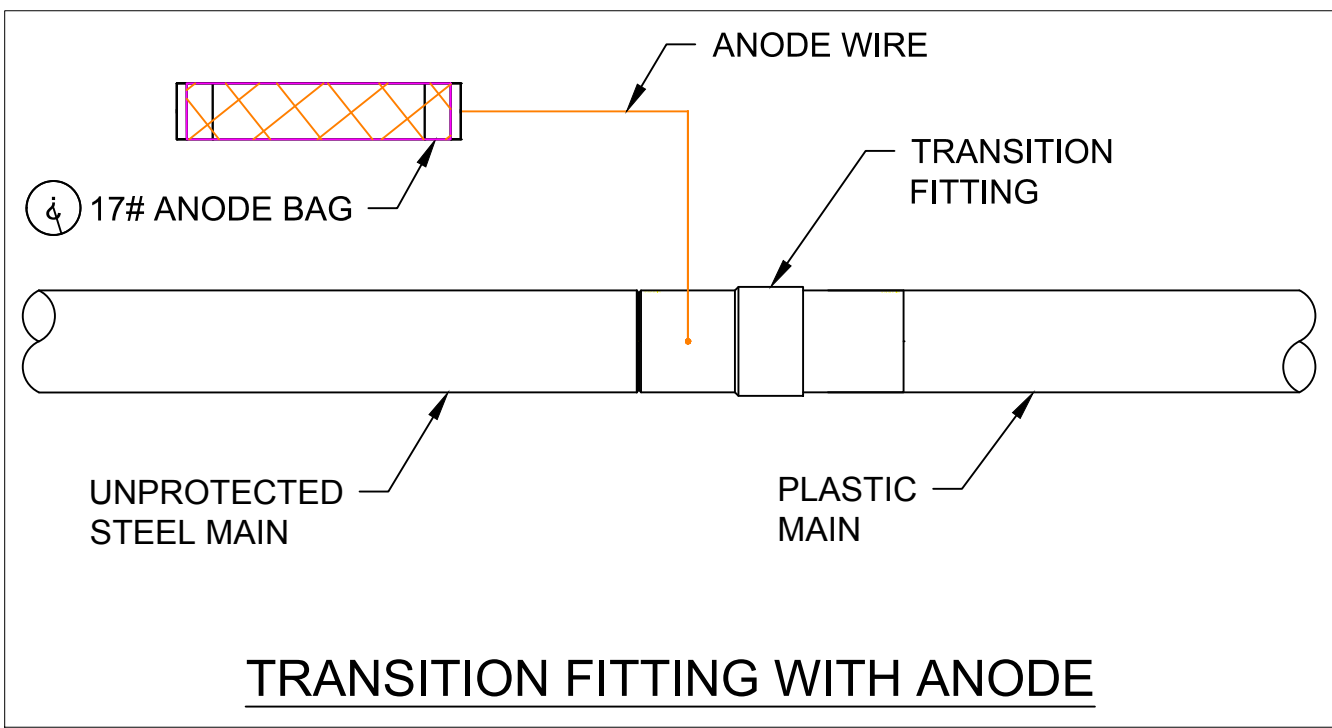
SCALE: 1/2" = 1'-0"



TDW 3-WAY TEE WITH ANODE

DETAIL CP9

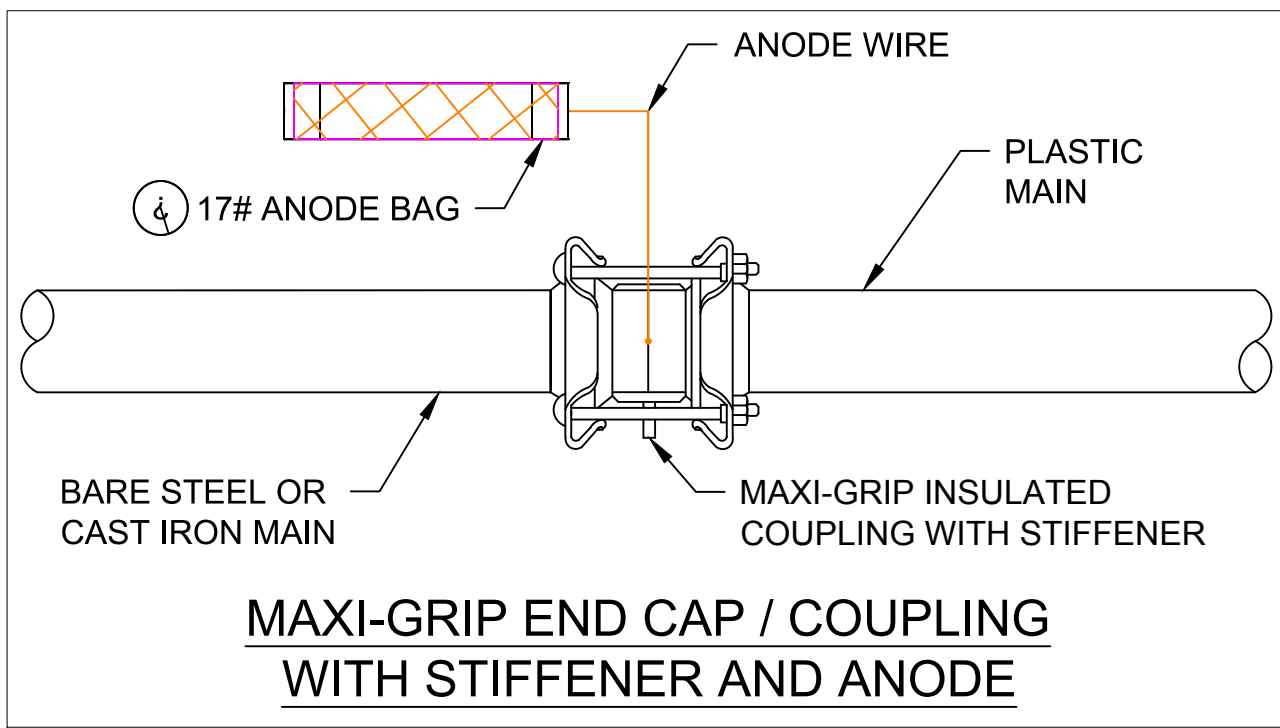
SCALE: 1/2" = 1'-0"



TRANSITION FITTING WITH ANODE

DETAIL CP10

SCALE: 1/2" = 1'-0"



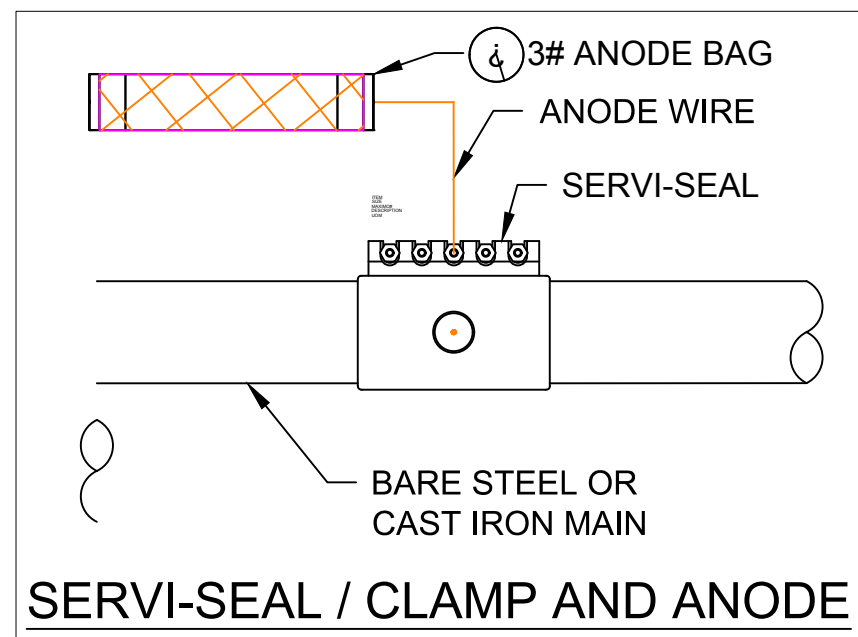
MAXI-GRIP END CAP / COUPLING WITH STIFFENER AND ANODE

DETAIL CP11

SCALE: 1/2" = 1'-0"

NOTES:

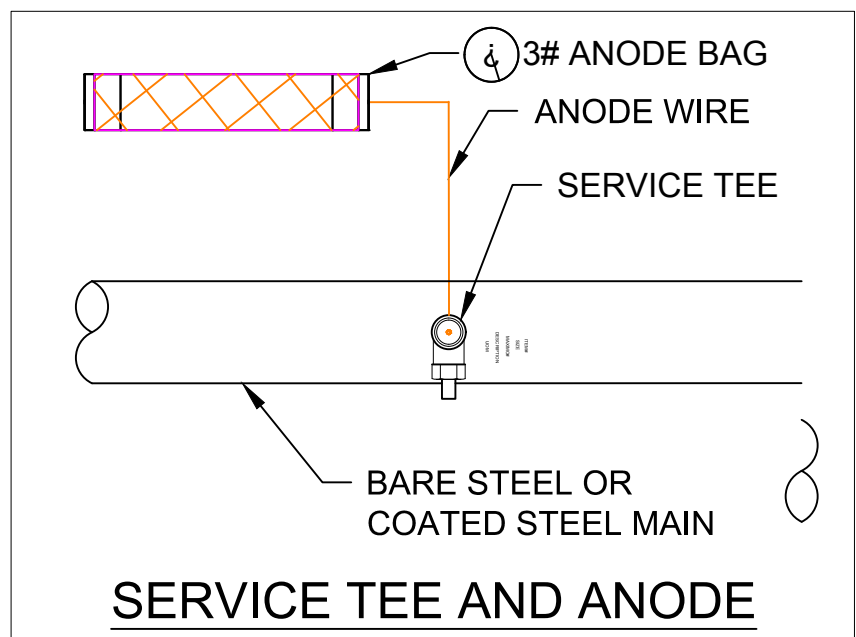
- ALL TEST STATION BOXES SHOULD BE INSTALLED IN A SAFE LOCATION WHERE ONE INDIVIDUAL CAN SAFELY OPEN AND ACCESS THE TEST WIRES. ALL TEST WIRES INSIDE THE BOX SHOULD HAVE ENOUGH SLACK ON THE WIRES SO THEY CAN EXTEND A MINIMUM OF 12" ABOVE GRADE.
- FOR TYPE A TEST STATIONS, THE TWO WIRES SHOULD BE THERMITE WELDED TO THE COATED STEEL MAIN AND BE THE SAME COLOR. (COUPONS COULD BE ADDED TO THE TEST STATION TYPE).
- FOR TYPE B TEST STATIONS, EACH OF THE FOUR WIRES SHOULD BE A DIFFERENT COLOR AND DOCUMENTED
- FOR TYPE C TEST STATIONS, THE WIRES SHOULD BE THE SAME COLOR ON EACH SIDE OF THE INSULATED COUPLING. (ANODES AND/OR COUPONS COULD BE ADDED TO THIS TEST STATION TYPE).
- FOR TYPE D TEST STATIONS WHICH ARE AT A CASING, WHITE WIRES ARE NORMALLY INSTALLED ON THE STEEL CASING AND BLACK WIRES ARE INSTALLED ON THE CARRIER PIPE. (ANODES AND/OR COUPONS COULD BE ADDED TO THIS TEST STATION TYPE).
- FOR TYPE M TEST STATIONS, THE TWO WIRES THERMITE WELDED TO THE CARRIER PIPE SHOULD BE THE SAME COLOR WIRE. THERE IS ALSO MAGNESIUM ANODE(S) WIRE(S) LOCATED INSIDE THE TEST STATION BOX. THE WIRE COLOR (TYPICALLY ORANGE) FOR THE ANODES. IF THE ANODE WIRES ARE SPLICED TO A COMMON ANODE HEADER CABLE, THE ANODE HEADER CABLE SHOULD BE A (WHITE OR RED) DIFFERENT COLOR WIRE THAN THE WIRE THAT WAS THERMITE WELDED TO THE CARRIER PIPE. AT A TYPE M TEST STATION, NO MAGNESIUM ANODES SHOULD BE DIRECTLY THERMITE WELDED TO THE CARRIER PIPE OR IN CONTACT WITH THE CARRIER PIPE. THE ANODE HEADER WIRE OR INDIVIDUAL ANODE WIRES SHOULD TERMINATE INSIDE THE TEST STATION BOX. ANODES SHOULD BE SPACED A MINIMUM OF 5' ON CENTER FROM EACH OTHER AND A MINIMUM OF 12" AWAY AND BELOW THE BOTTOM OF THE STEEL MAIN.
- IF COUPONS ARE TO BE INSTALLED, FIRST REMOVE THE PROTECTIVE LABEL COVERING THE STEEL COUPON AND THE RED STICKERS COVERING EACH SENSING PORT. CLEAN THE ENTIRE STEEL COUPON SURFACE WITH ALCOHOL TO REMOVE THE CORROSION INHIBITOR. PLACE THE COUPON ASSEMBLY APPROXIMATELY 12" FROM THE GAS MAIN BEING MONITORED WITH THE SENSING PORTS FACING THE GAS MAIN. THE COUPON ASSEMBLY SHOULD BE LOCATED ADJACENT TO THE BOTTOM PORTION OF THE GAS MAIN, ANYWHERE BETWEEN 3 O'CLOCK AND 9 O'CLOCK. THE SOIL BETWEEN THE COUPON AND THE MAIN SHOULD BE WELL COMPACTED AND CONTAIN NO ROCKS LARGER THAN A CENTIMETER IN DIAMETER OR FOREIGN MATERIAL.
- ONE (1) 3# ANODE (MINIMUM) SHALL BE INSTALLED TO PROTECT THE CLAMPS ON EACH 10-FOOT SPAN OF PIPE. EACH 10-FOOT SPAN OF PIPE MUST BE A CONTINUOUS SECTION OF STEEL. CLAMPS ON NON-CONTINUOUS SECTIONS OF STEEL EVEN IF THEY ARE WITHIN 10 FEET OF EACH CANNOT BE PROTECTED BY THE SAME ANODE.
- REFER TO CONSTRUCTION STANDARD CS-500 SECTION IV.G.5 WHICH PROVIDES GENERAL GUIDANCE REGARDING "WRAPPING" FOR CORROSION PROTECTION. CS-500 SECTION IV.G.5. DESCRIBES THE BASIC STEPS REQUIRED TO WRAP LEAK REPAIR CLAMPS.



SERVI-SEAL / CLAMP AND ANODE

DETAIL CP12

SCALE: 1/2" = 1'-0"



SERVICE TEE AND ANODE

DETAIL CP13

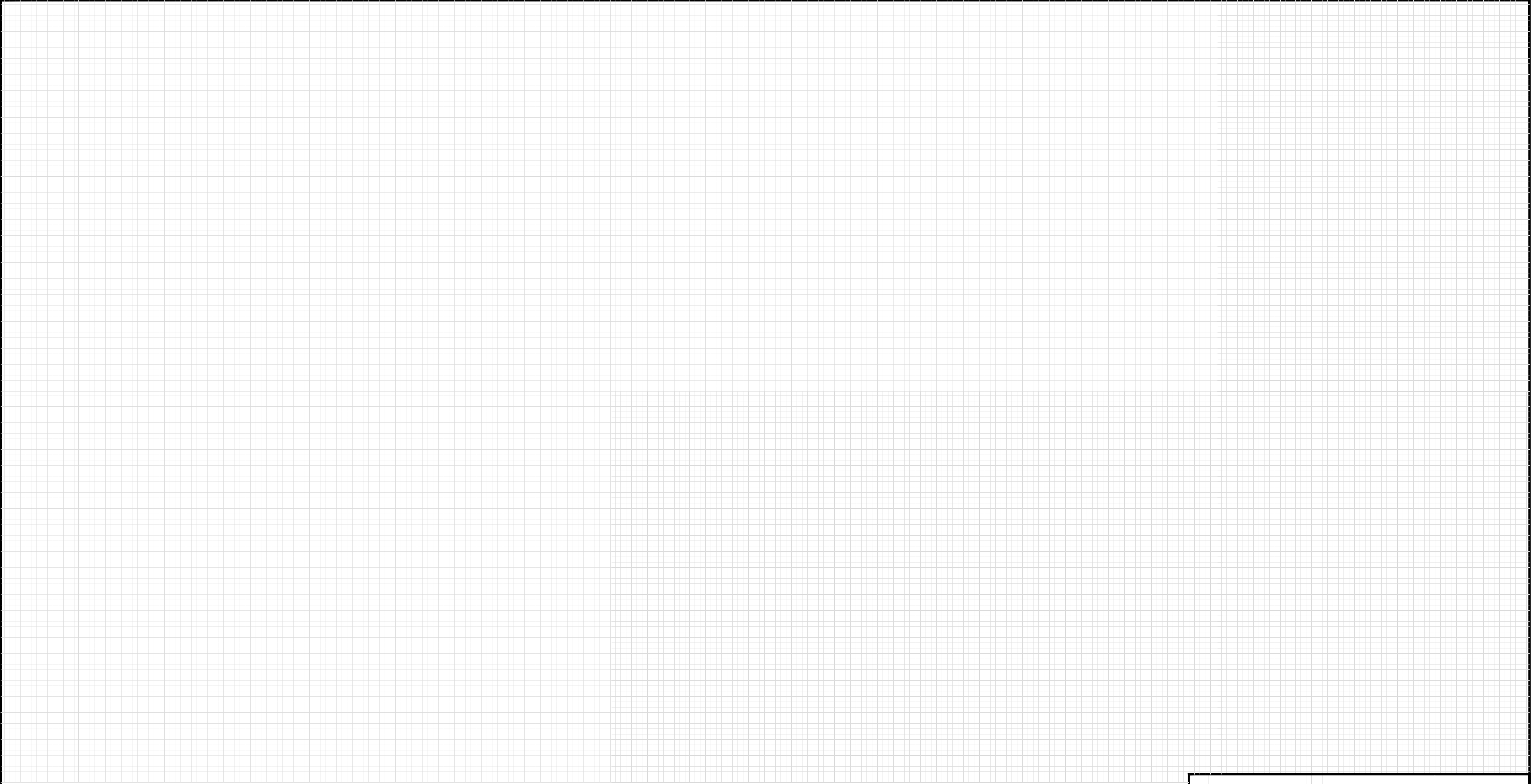
SCALE: 1/2" = 1'-0"

A			
No.	Description	Date	Dw/Ck
Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA			
PROJECT # 22-86276			
DETAILS, NOTES AND BILL OF MATERIALS			
SCALE: 1"=30'		SHEET 17 OF 20	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JTF 2/17/22	XXX XX/XX/XXXX	MA-SPR-PIP-22-052-17	

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

Wilmont St Pro Drawing REV00.dwg

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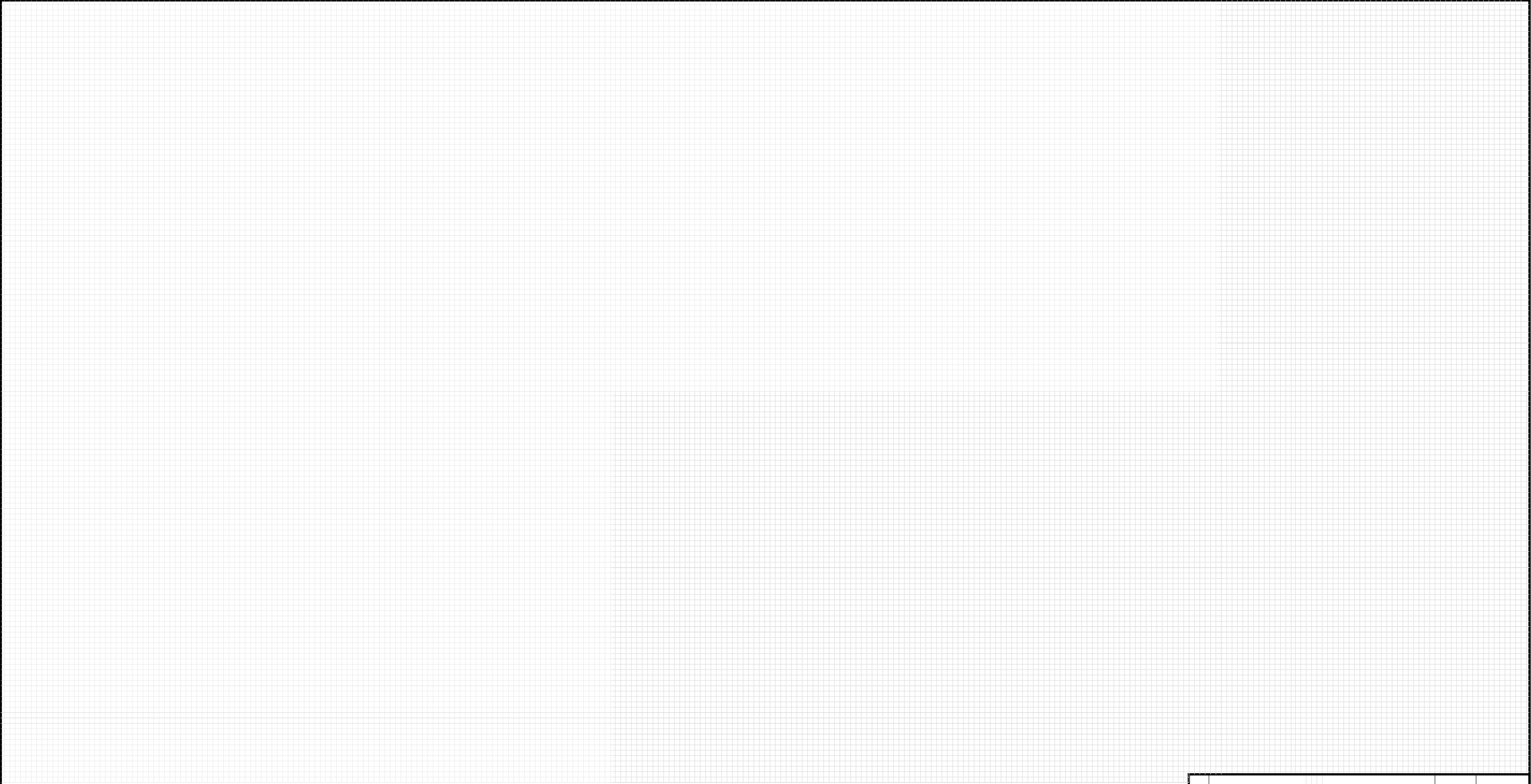
DRAFT

PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A				
No.	Description		Date	Dw/Ck
Revision/Status				
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA				
PROJECT # 22-86276				
PLAN				
SCALE: 1"=30'			SHEET 18 OF 20	
Drawn by / Date		Checked by / Date		Rev. No.
JTF 2/17/22		XXX XX/XX/XXXX		A
		MA-SPR-PIP-22-052-18		Packet



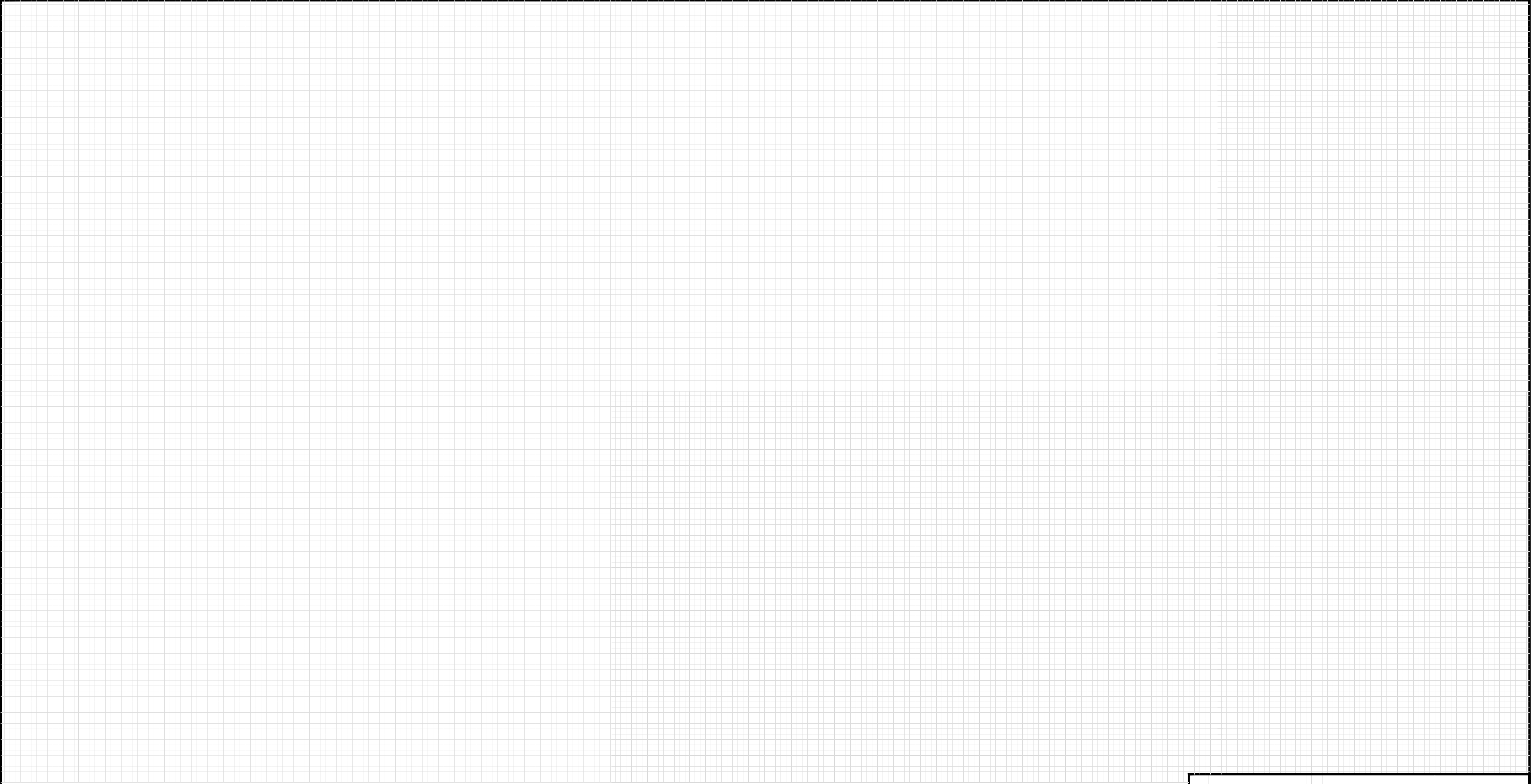
DRAFT

PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A				
No.	Description	Date	Dw/Ck	
	Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA				
PROJECT # 22-86276				
PLAN				
SCALE: 1"=30'			SHEET 19 OF 20	
Drawn by / Date		Checked by / Date		Rev. No.
JTF 2/17/22		XXX XX/XX/XXXX		A
		MA-SPR-PIP-22-052-19		



DRAFT

PE STAMP AND SIGNATURE

VENDOR LOGO

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A				
No.	Description	Date	Dw/Ck	
	Revision/Status			
WILMONT ST - POOR PRESSURE, SPRINGFIELD, MA				
PROJECT # 22-86276				
PLAN				
SCALE: 1"=30'		SHEET 20 OF 20		
Drawn by / Date		Checked by / Date		Drawing Number
JTF 2/17/22		XXX XX/XX/XXXX		MA-SPR-PIP-22-052-20
				Rev. No.
				A

CITY OF SPRINGFIELD, MASSACHUSETTS

Date: March 23 2022

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF SPRINGFIELD:

The Board of Public Works, to which was referred the petition of the Eversource-Gas of Massachusetts, dated March 8, 2022, to retire underground medium pressure gas main steel pipe and install medium pressure PVC plastic pipe on Wilmont Street., Alderman Street, Ventura Street, and Sorrento Street. Starting at Dickinson Street running easterly direction with six (6") inches pipe for approximately one thousand two hundred fifty (1,250) feet and continue on Ranney Street two hundred thirty-five (235') feet to turn westerly direction on Wilmont Street with two (2') inches pipe one thousand one hundred thirty-five (1,135) feet to Dickinson Street., all shown on a plan attached with a project name, Wilmont Street which is incorporated herein by reference and to lay and maintain underground gas main pipes for improvements of the system, reports thereon as follows:

By virtue of Chapter 708 of the Acts of 1977 the Board of Public Works held the hearing on the above matter provided for in Section 22 of Chapter 166 of the General Laws. The hearing was held on March 23, 2022 at 3:30 P.M. at the of Dickinson Street and Wilmont Stree in Springfield, MA, after due notice from the office of the City Clerk. Two (2) members of the Board and one (1) person interested in the matter were present. Of the latter, one (1) voted in favor of and no one (0) voted against.

The Board finds the request necessary in order that the utility company can upgrade existing underground facilities in order to improve the quality of service in this area.

After careful consideration, the Board recommends the petition be granted provided:

That due care for public safety is exercised during construction including but not limited to the use of a police officer(s) for traffic control if necessary.

That said construction would not unnecessarily interfere with the movement of vehicular or pedestrian traffic in the area.

That care be taken during said construction not to damage any underground services.

That the construction site be returned to the same condition as found or better.

Attachment: Wilmont St. Report (6709 : Eversource/Gas-Wilmont St.)

Said company shall indemnify and save harmless against all damages, costs and expenses whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.

In addition said company shall, before a public way is disturbed for the laying of its wire or conduit, execute its bond in the penal sum of Ten Thousand Dollars (\$10,000) conditioned for faithful performance of its duties under this permit.

Said company shall comply with the requirements of existing Ordinances and orders and comply with any changes in Ordinances and orders as may hereafter be adopted by the Mayor and Council governing the construction and maintenance of buried cable, conduits and wires.

That any sidewalks that are damaged or removed will be replaced in kind and in accordance with the City of Springfield's Standard Specifications.

That ramps for the handicapped will be provided if and where required by law and in conformance with the Rules and Regulations of the Massachusetts Architectural Barrier Board.

That any curbing that is disturbed during construction will be reset to the established street grade using proper construction procedures.

That due care be exercised not to unnecessarily damage any public shade trees located within the construction area.

That the Springfield Water and Sewer Commission be notified before construction begins. All installations of adjacent utilities must be a minimum of 4 feet from the existing water and/or sewer main, edge to edge of pipe.

That all conditions outlined in the respective order are complied with.

John J. Fitzgerald
Ronald A. Briggs
Michael Briggs

)
)
)

BOARD OF PUBLIC WORKS

TABLE OF CONTENTS

SHEET #	TITLE
1 OF 14	COVER SHEET
2 OF 14	NOTES AND MASTER BOM
3 OF 14	LEGEND
4 OF 14	PROJECT LOCATION PLAN
5 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
6 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
7 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
8 OF 14	PROJECT LOCATION PLAN
9 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
10 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
11 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
12 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
13 OF 14	MA PREPARATORY AND FINAL TIE-IN DETAILS
14 OF 14	MA CORROSION DETAILS



WORK SCOPE

TYPE OF WORK		NUMBER RANGE
GSEP	GAS SYSTEM ENHANCEMENT PLAN	0-299
GNM	GAS NEW MAIN (NEW BUSINESS)	300-399
REL	RELIABILITY	400-499
COMPLEX PROJECTS	REGULATORS, GATE STATIONS, ETC.	500-599
MAINTENANCE	REPAIRS, ETC.	600-

MELHA AVE, SPRINGFIELD, MA
PROJECT #XXXXXX

DRAFT

MAIN
INSTALLATION: ~2757' OF 4" & 2" PLASTIC IP MAIN
ABANDONMENT: ~2638' OF 6" CI LP MAIN
AFFECTED STREETS: MELHA AVE, LEXINGTON ST, HARLAN ST & THAMES ST

SERVICES
REPLACEMENT: X
TIE OVER: X
TOTAL SERVICES: XXX
METER MOVE OUTS: XXX

PE STAMP AND
SIGNATURE

TRI-MONT
Engineering Company
23 Resnik Road
Suite 1
Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
COVER SHEET			
SCALE: NONE		SHEET 1 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-01	A

T:\Project Folders\190 Eversource\190-133 2022 GSEP\Springfield - Temp. Folder\Melha Ave\2022-02-18\Drawing\AutoCAD\PE Drawing\

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.

MELHA AVE, SPRINGFIELD, MA - MASTER BILL OF MATERIALS					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	7	EA
8	4"	501002	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	2	EA
34	2"	500854	COUPLING, ELECTROFUSION, IPS, HDPE 3408, ASTM D3350, ASTM F1055, COMPATIBLE FOR FUSION TO HDPE 3408/4710 PIPE. GFCP OR APPROVED EQUAL.	2	EA
35	4"	500855	COUPLING, ELECTROFUSION, IPS, HDPE 3408, ASTM D3350, ASTM F1055, COMPATIBLE FOR FUSION TO HDPE 3408/4710 PIPE. GFCP OR APPROVED EQUAL.	1	EA
56	4" X 2"	555593	REDUCER, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	3	EA
66	2"	542572	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	3	EA
67	4"	542538	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	3	EA
74	4"	560679	TEE, STRAIGHT, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	3	EA
91	2" X 1/2"	500866	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	2	EA
93	6" X 1/2"	500869	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
103	2" X 1"	584445	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	3	EA
105	4" X 1"	500868	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
153	6"	578129	END CAP, BOLTED MECHANICAL, CIP. SMITH-BLAIR MAXI-GRIP OR APPROVED EQUAL.	2	EA
171	6" X 2"	578021	BAND CLAMP, WITH WELDED 2" FNPT SERVICE OUTLET, 304L SS BANDS AND GAP BRIDGES, SS STUDS WITH TEFLON COATED HEX NUTS, COMPLETELY LINED WITH NITRILE RUBBER GASKET. MUELLER 540 SERVI-SEAL OR APPROVED EQUAL. COMPLETE WITH PLUG.	7	EA
182	6" X 4"	500879	BRANCH SADDLE, ELECTROFUSION WITH BUTT FUSION BRANCH, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055, GFCP OR APPROVED EQUAL	1	EA
263	2"	554025	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	1577	LF
265	4"	554008	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	1160	LF
270	1/2"	542609	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	3	EA
271	1"	542610	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	2	EA
296	2"	583287	TEE, MECHANICAL COMPRESSION, SDR 11 IPS, DUPONT ZYTEL ST-801 NYLON BODY, 316 SS COMPRESSION RING, INTERNAL STIFFENER, ASTM D-2513, ASTM F1924. METFIT OR APPROVED EQUAL.	2	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

DRAFT

A	ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description		Date	Dw/Ck
Revision/Status				
EVERSOURCE ENERGY				
MELHA AVE, SPRINGFIELD, MA				
PROJECT # XXXXXX				
NOTES				
SCALE: NOT TO SCALE			SHEET 2 OF 14	
Drawn by / Date		Checked by / Date		Drawing Number
JDC 02/18/22		MJG 02/18/22		MA-SPR-PIP-22-048-02
				Rev. No.
				A

PE STAMP AND
SIGNATURE



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Engineering Company
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Suite 1
Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

DRAWING LEGEND

Gas Main Symbology	
REGULATING STATION 50' BOUNDARY	
EXISTING GAS MAIN	
PROPOSED GAS MAIN	
GAS MAIN TO BE ABANDONED	
GAS MAIN WITH SERVICE TRANSFERS	
GAS MAIN WITH PRESSURE INCREASE	
RIGHT-OF-WAY	
ELECTRIC	
WATER LINE	
SEWER LINE	
TELEPHONE	
DRAIN LINE	
FENCE LINE	

Gas Main Material/Pressure Label References

MATERIAL CODES	
CS*	Coated Steel Gas Main
CI*	Cast Iron Gas Main
BS*	Bare Steel Gas Main
WI*	Wrought Iron Gas Main
PH*	High Density Polyethylene Gas Main
PM*	Medium Density Polyethylene Gas Main
PRESSURE CODES	
*LP	Low Pressure
*IP	Intermediate Pressure
*MP	Medium Pressure
*HP	High Pressure
MISCELLANEOUS CODES	
*.SER	Service
*.R	Riser
(TC)	Transmission Class
Gas Main Installation Method Label References	
AT	Attached
BH	Bridge Hanger
BLGH	Building Hanger
DB	Directional Bore
IS	Inserted
OC	Open Cut
PB	Pneumatic Bore
PL	Plowed
RT	Roof Top
(E)	Existing
(P)	Proposed

Gas Facility Symbology

	x"GV	Gas Valve
	x"PV	Critical Gas Valve
	x"HVTT	High Volume Tapping Tee
	x"SST	Pressure Control Fitting - ShortStopp Tee
	x"SPH	Pressure Control Fitting - Spherical Tee
	x"MF-BO	Pressure Control Fitting - Mueller Bottom-out
	x"MF-SO	Pressure Control Fitting - Mueller Side-out
	x"MF-FT	Pressure Control Fitting - Mueller Flange Tee
	x"SS	Pressure Control Fitting - ShortStopp
	x"MF	Pressure Control Fitting - Mueller Stopper
	x"x x" POLYTAP	Polytapp Side Saddle Fitting
		Transition
		End Cap
		Riser
		Reducer
		Electronic Marker
		Flush-mounted Tracer Wire Station
		Post Pipeline Marker with Tracer Wire
		Gas Main Marker without Tracer Wire
		Test Well
		Regulator Station
		Single Customer Regulator
		Meter
		Meter with Regulator
		Test Point (Station)
		Gas Service Tie-over
		Gas Service Replacement
		Meter Move Out

Swing Tie Symbology

	Telephone Manhole
	Drain Manhole
	Electric Manhole
	Catch Basis
	Sewer Manhole
	Fire Hydrant
	Utility Pole
	Property Marker
	Telephone Pedestal
	Television Pedestal
	Unknown Manhole
	Water Box
	Water Gate
	Electric Pedestal
	Iron Pin
	Light Pole

DRAWING LEGEND

	MANHOLE
	UTILITY POLE
	CATCH BASIN
	HYDRANT
	INSIDE METER
	OUTSIDE METER
	LIGHT POLE
	ELECTRIC MANHOLE
	TELEPHONE MANHOLE

MATCHLINE - SHEET XX

DRAFT

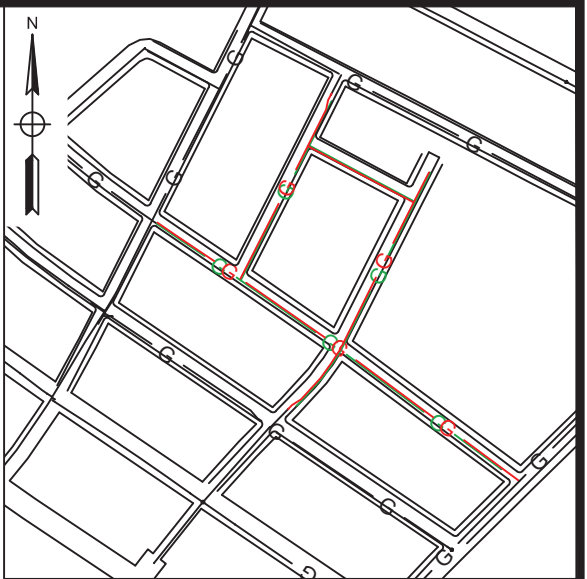
A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
LEGEND			
SCALE: NOT TO SCALE		SHEET 3 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-03	A

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SIGNATURE

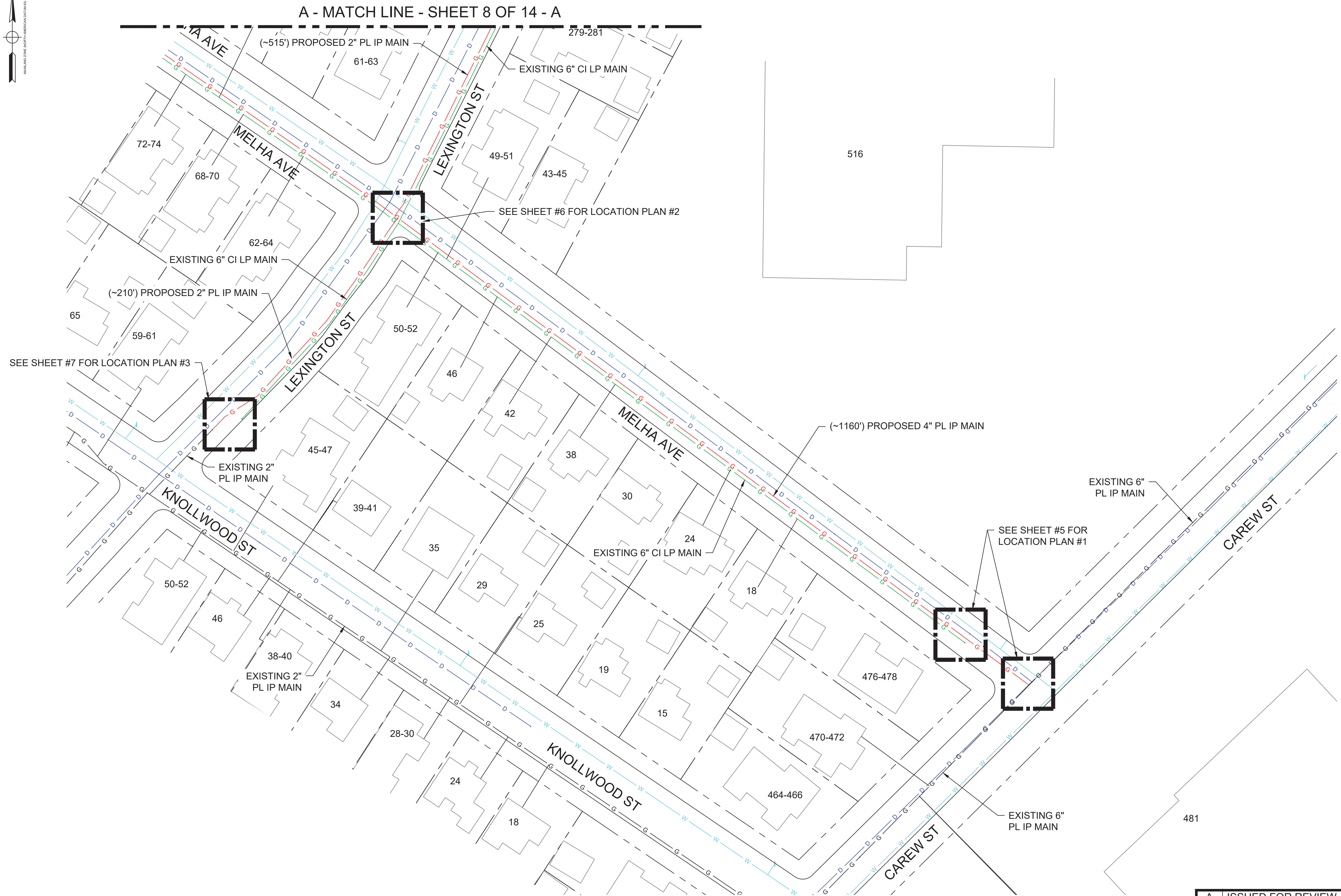


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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION



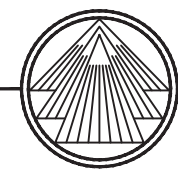
KEY MAP
SCALE: N.T.S.



LOCATION PLAN
SCALE: 1" = 40'

DRAFT

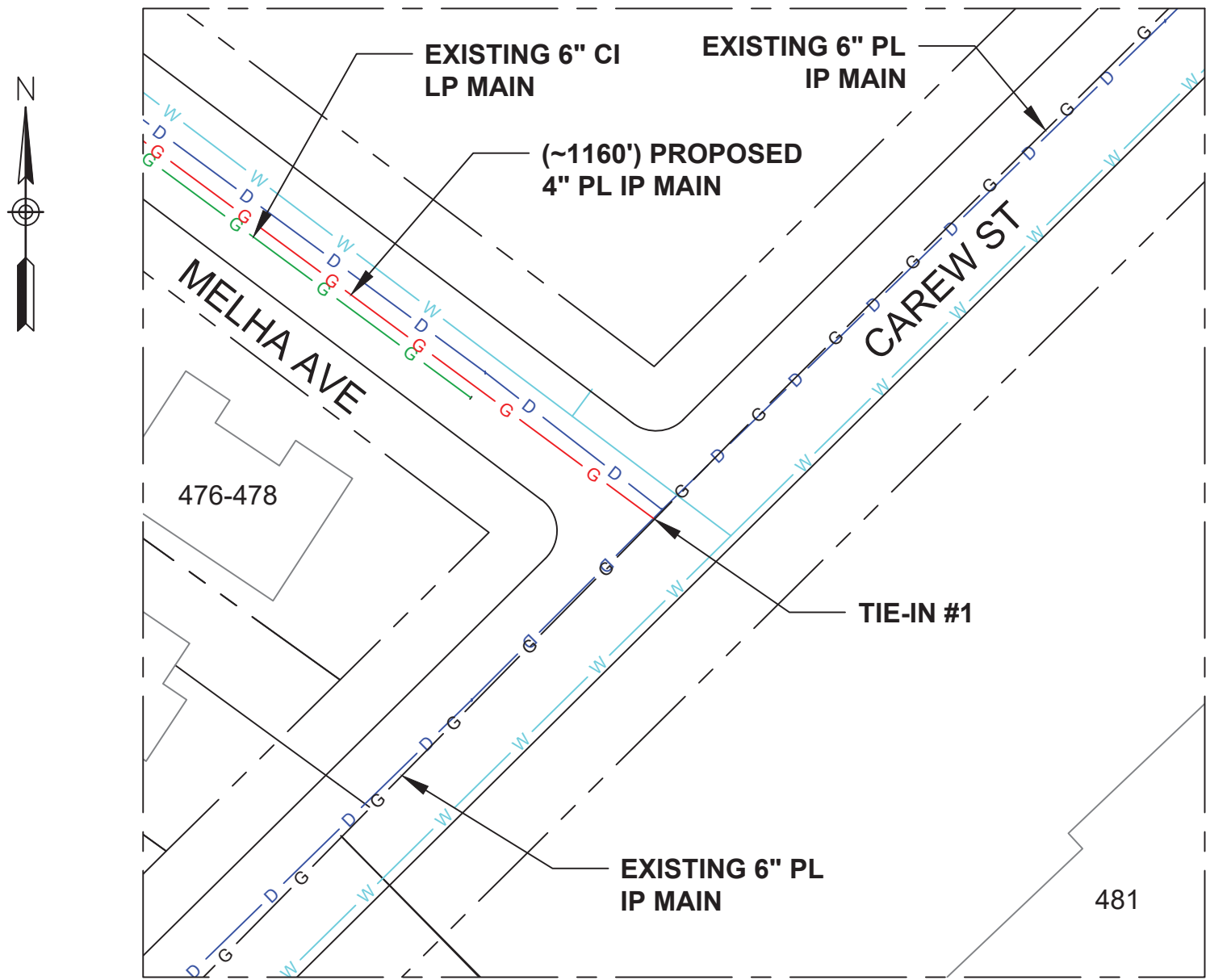
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PRIOR TO PIPE FABRICATION

A ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
LOCATION PLAN			
SCALE: AS NOTED		SHEET 4 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-04	A



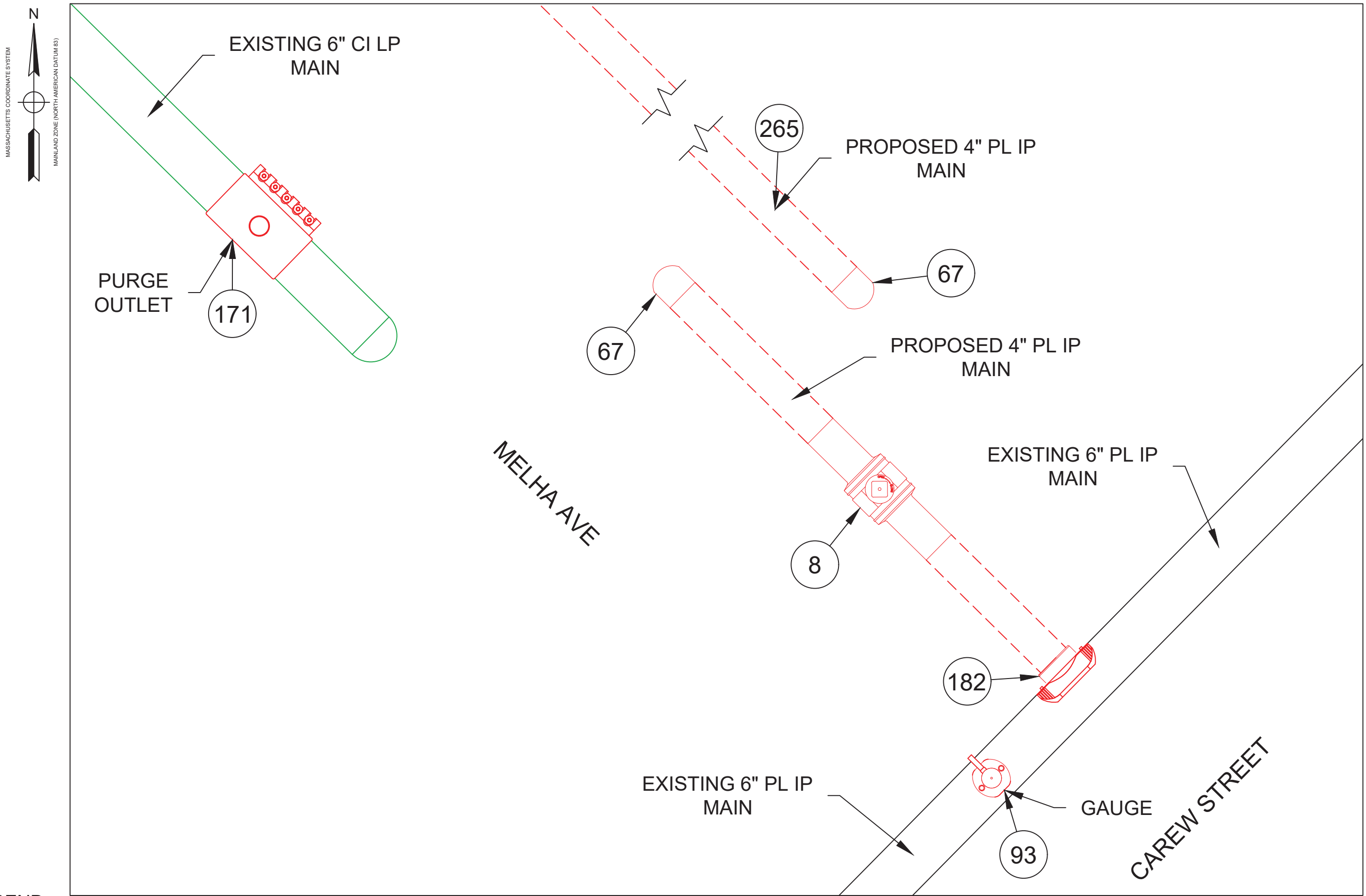
LOCATION PLAN - #1

MELHA AVE AT CAREW STREET, SPRINGFIELD, MA - TIE-IN #1: PREPARATORY					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
8	4"	501002	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
67	4"	542538	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	2	EA
93	6" X 1/2"	500869	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
171	6" X 2"	578021	BAND CLAMP, WITH WELDED 2" FNPT SERVICE OUTLET, 304L SS BANDS AND GAP BRIDGES, SS STUDS WITH TEFLON COATED HEX NUTS, COMPLETELY LINED WITH NITRILE RUBBER GASKET. MUELLER 540 SERVI-SEAL OR APPROVED EQUAL. COMPLETE WITH PLUG.	1	EA
182	6" X 4"	500879	BRANCH SADDLE, ELECTROFUSION WITH BUTT FUSION BRANCH, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055, GFPC OR APPROVED EQUAL	1	EA
265	4"	554008	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	1160	LF

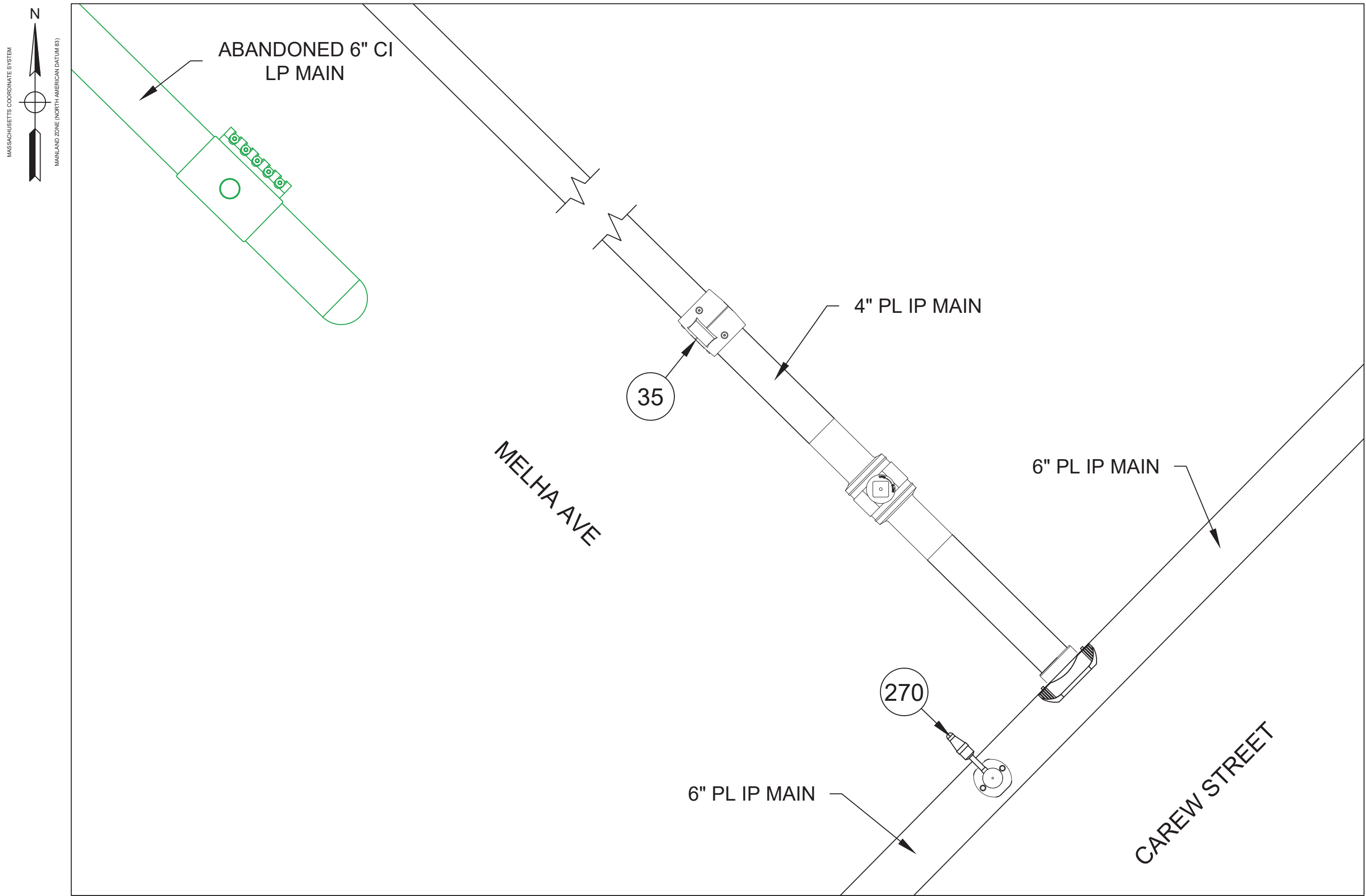
*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

MELHA AVE AT CAREW STREET, SPRINGFIELD, MA - TIE-IN #1: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
35	4"	500855	COUPLING, ELECTROFUSION, IPS, HDPE 3408, ASTM D3350, ASTM F1055, COMPATIBLE FOR FUSION TO HDPE 3408/4710 PIPE. GFPC OR APPROVED EQUAL.	1	EA
270	1/2"	542609	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	1	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



TIE-IN #1: PREPARATORY
NOT TO SCALE

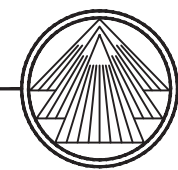


TIE-IN #1: FINAL
NOT TO SCALE

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

DRAFT

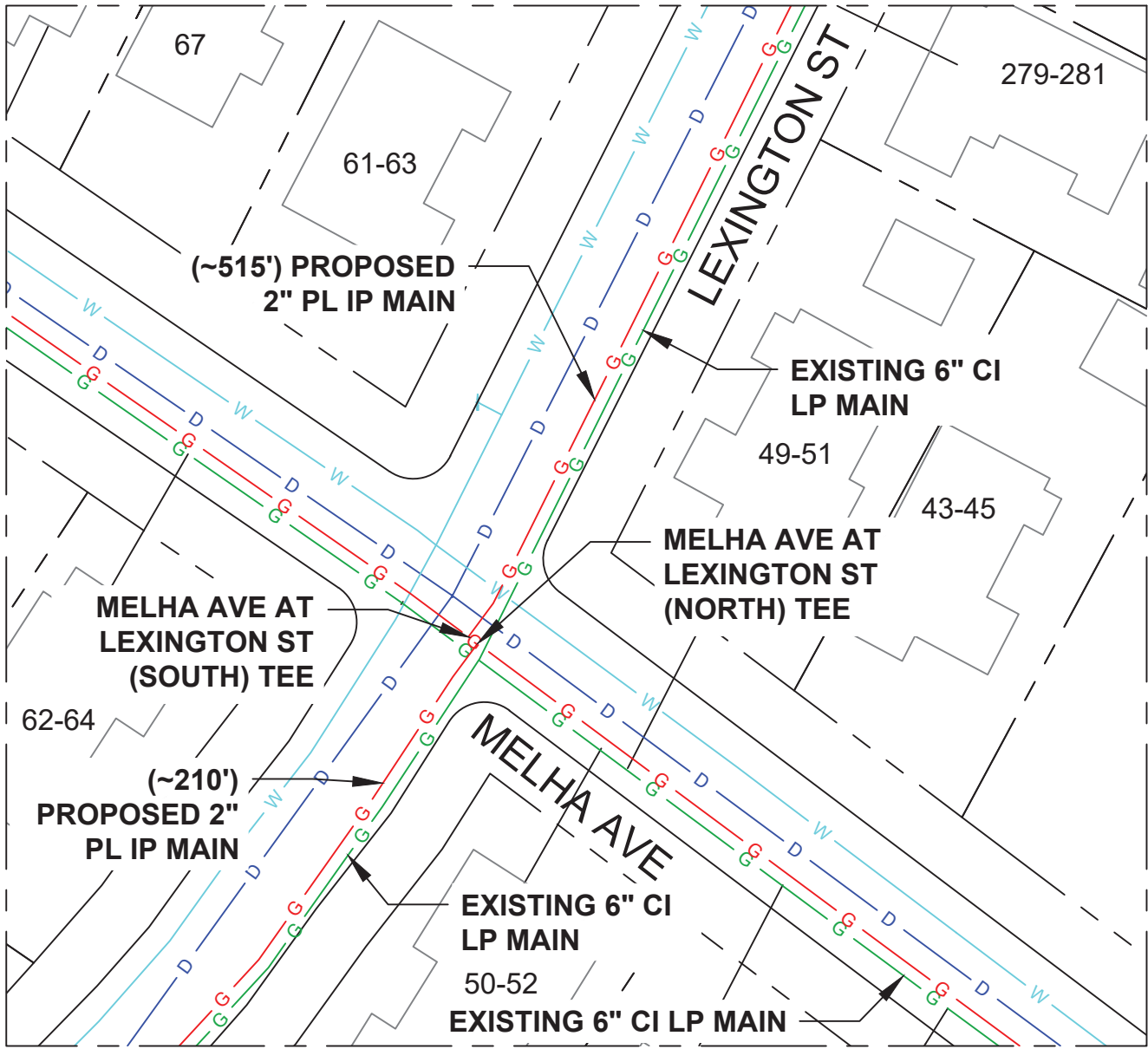
PE STAMP AND
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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 5 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-05	A

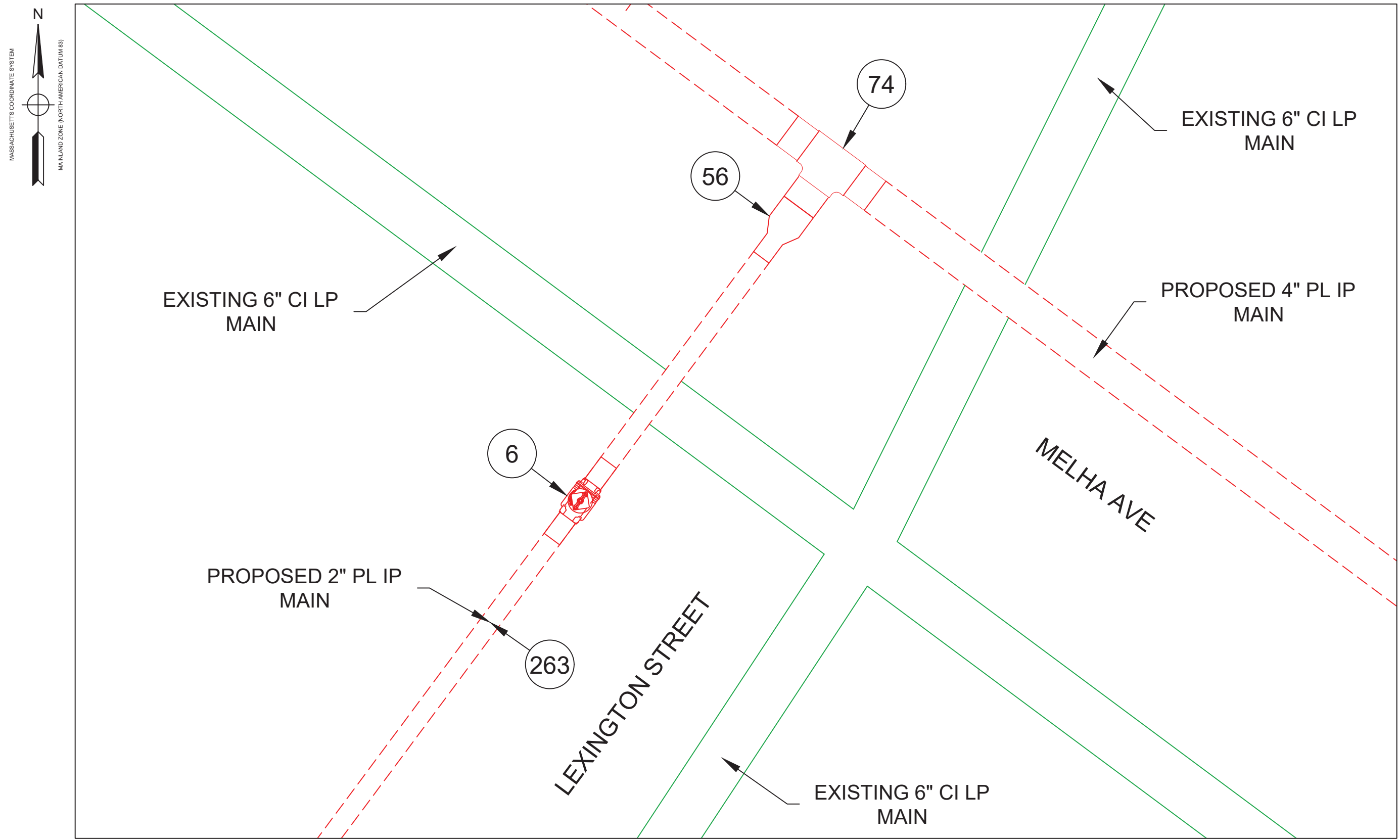


LOCATION PLAN - #2

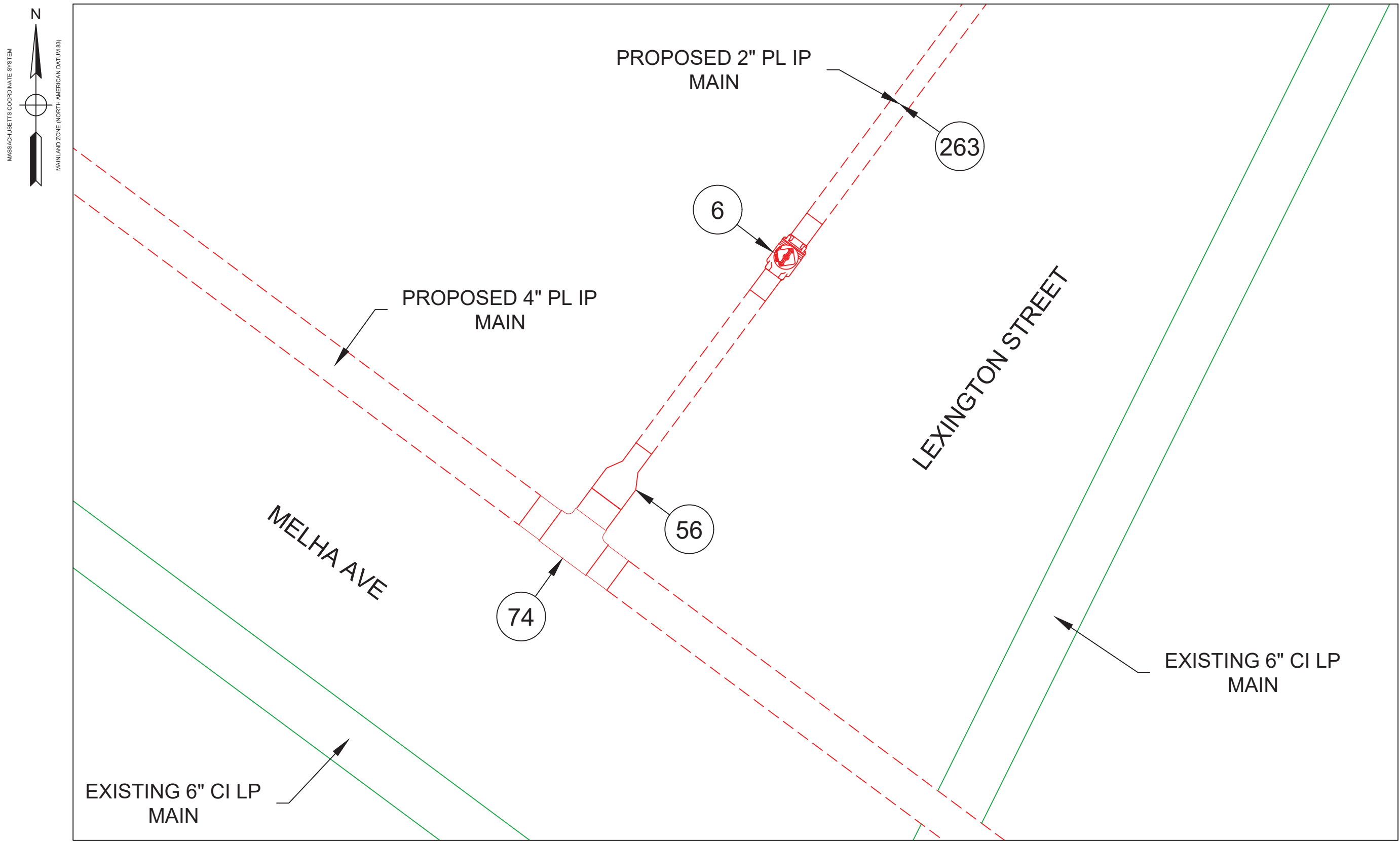
MELHA AVE AT LEXINGTON STREET (SOUTH), SPRINGFIELD, MA - TEE: FINAL						MELHA AVE AT LEXINGTON STREET (NORTH), SPRINGFIELD, MA - TEE: FINAL					
REQUIRED BILL OF MATERIALS						REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units	Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA	6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
56	4" X 2"	555593	REDUCER, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA	56	4" X 2"	555593	REDUCER, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
74	4"	560679	TEE, STRAIGHT, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA	74	4"	560679	TEE, STRAIGHT, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
263	2"	554025	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	210	LF	263	2"	554025	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	515	LF

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



MELHA AVE AT LEXINGTON STREET (SOUTH) TEE: FINAL
NOT TO SCALE

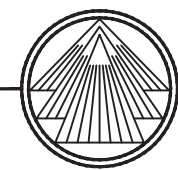


MELHA AVE AT LEXINGTON STREET (NORTH): FINAL
NOT TO SCALE

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

DRAFT

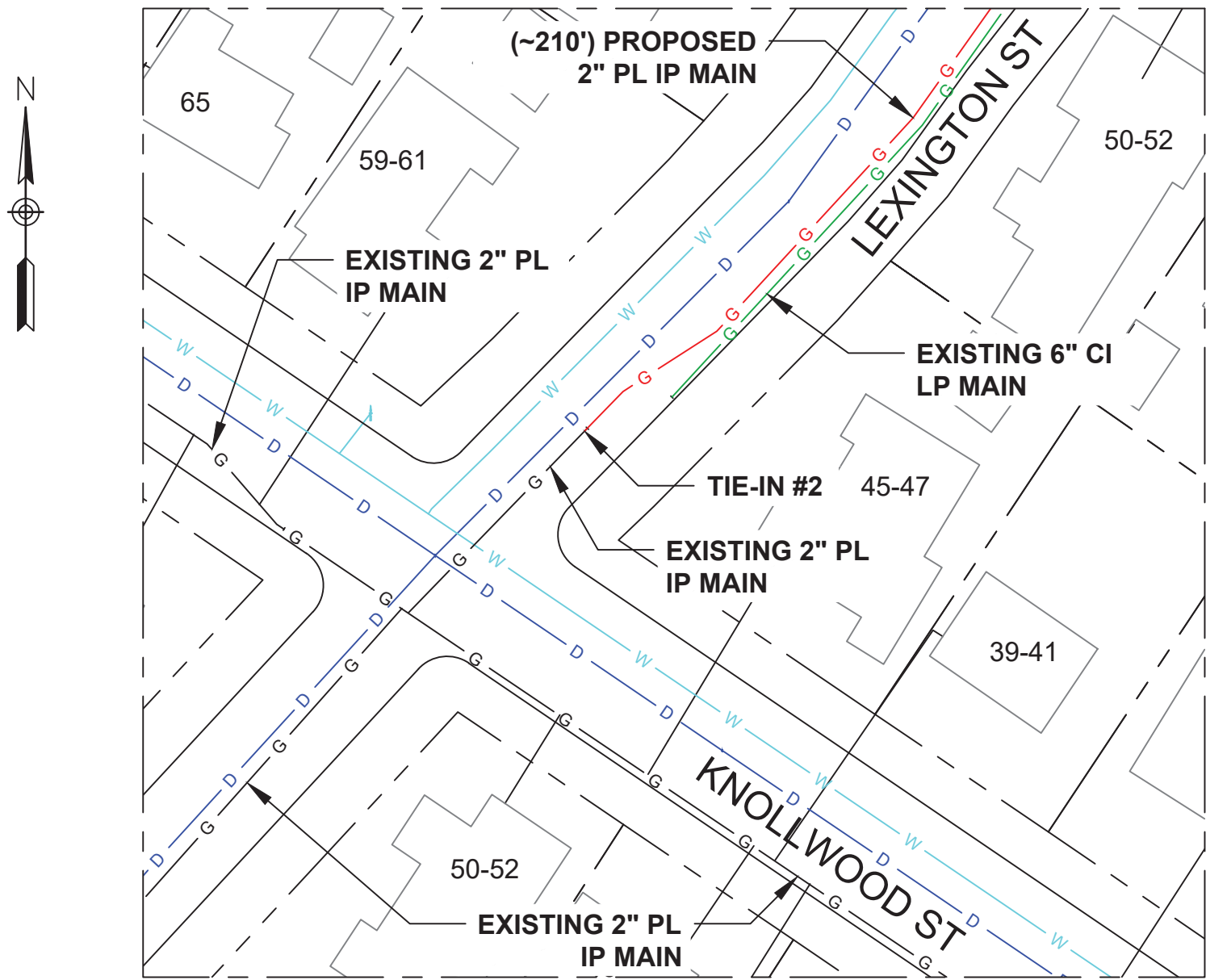
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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

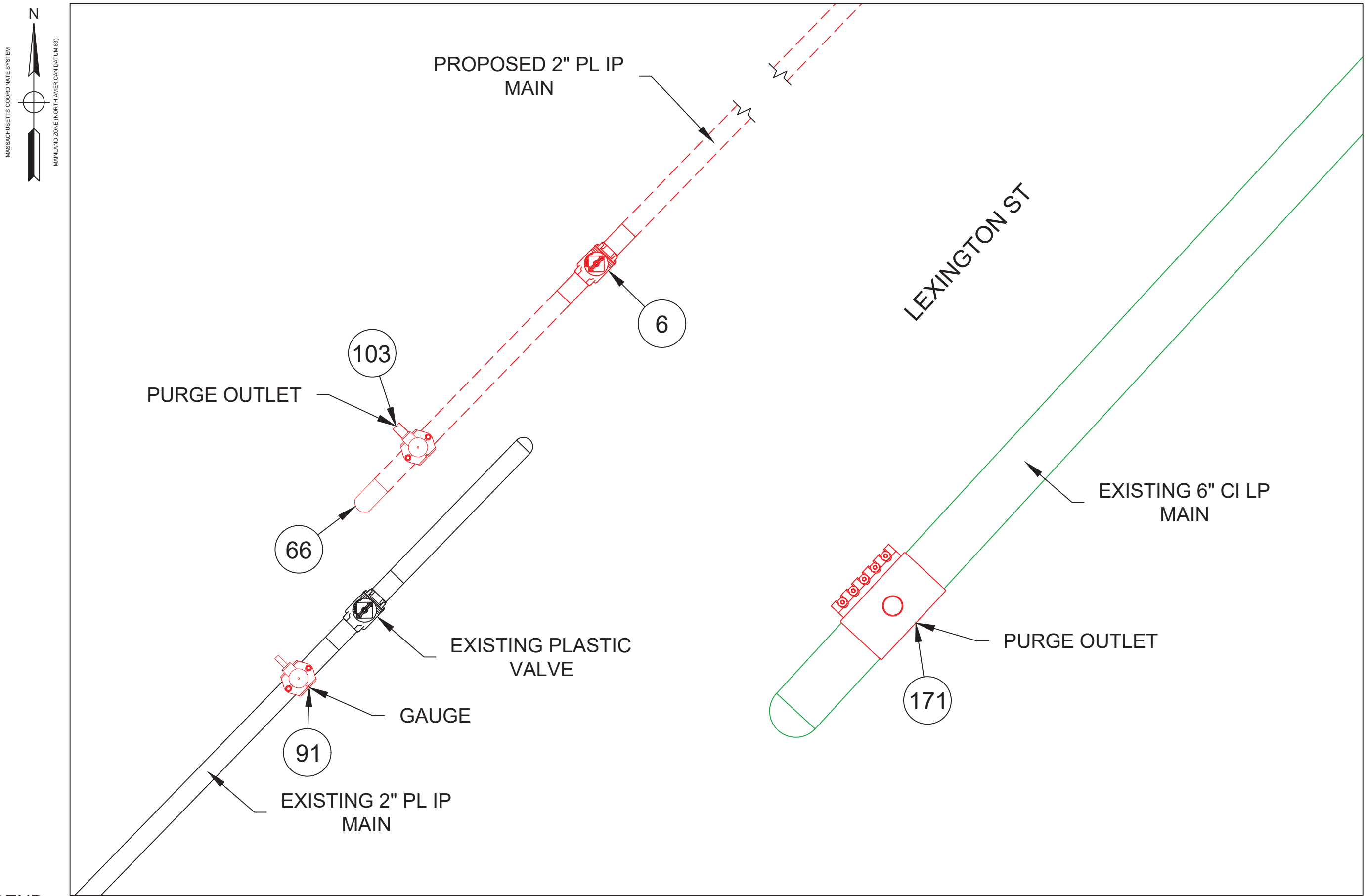
A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 6 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-06	A



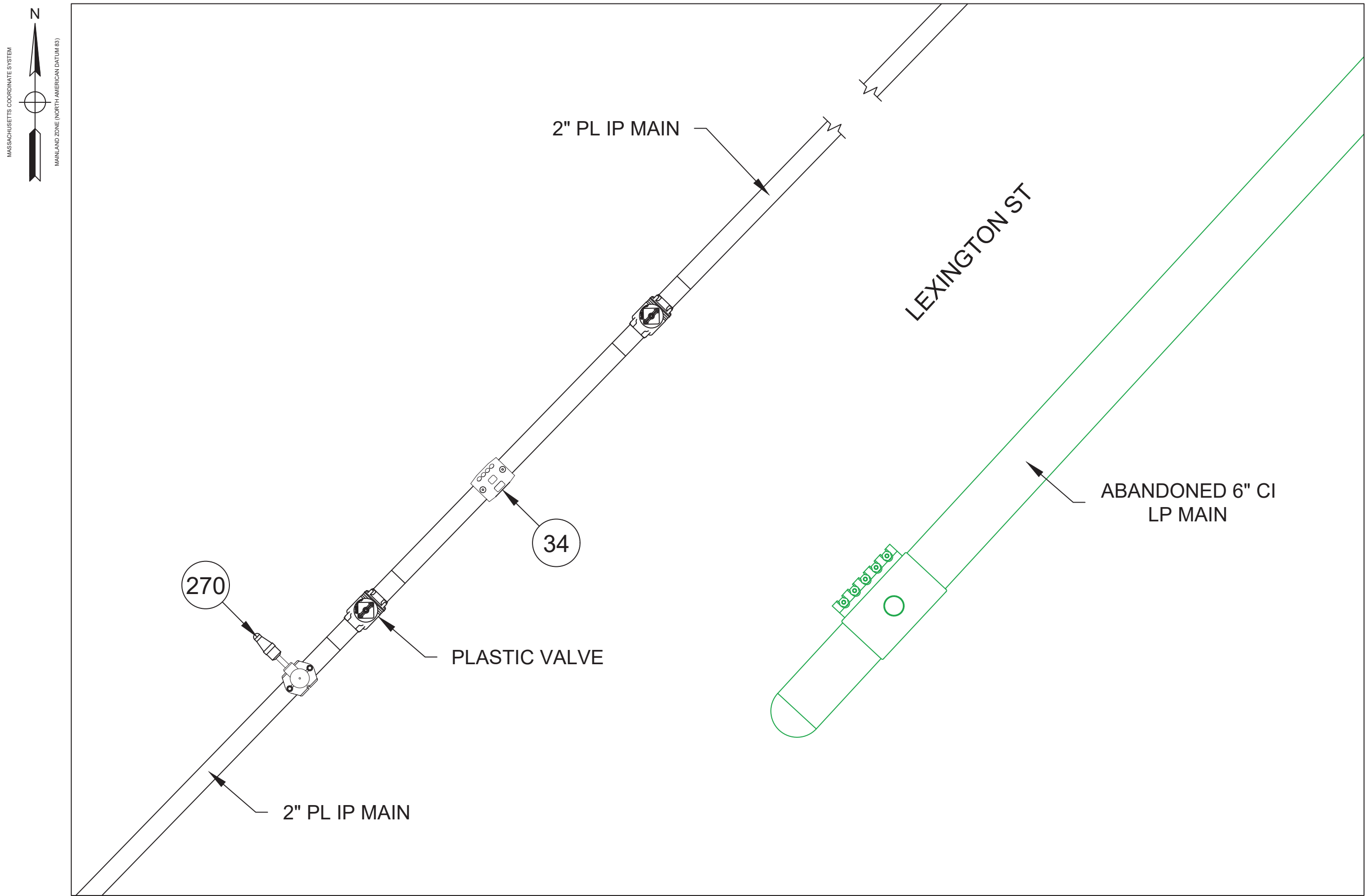
LOCATION PLAN - #3

LEXINGTON STREET AT KNOLLWOOD STREET, SPRINGFIELD, MA - TIE-IN #2: PREPARATORY						LEXINGTON STREET AT KNOLLWOOD STREET, SPRINGFIELD, MA - TIE-IN #2: FINAL					
REQUIRED BILL OF MATERIALS						REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units	Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA	34	2"	500854	COUPLING, ELECTROFUSION, IPS, HDPE 3408, ASTM D3350, ASTM F1055, COMPATIBLE FOR FUSION TO HDPE 3408/4710 PIPE. GFPC OR APPROVED EQUAL.	1	EA
66	2"	542572	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA	270	1/2"	542609	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	1	EA
91	2" X 1/2"	500866	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA						
103	2" X 1"	584445	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA	*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS					
171	6" X 2"	578021	BAND CLAMP, WITH WELDED 2" FNPT SERVICE OUTLET, 304L SS BANDS AND GAP BRIDGES, SS STUDS WITH TEFLON COATED HEX NUTS, COMPLETELY LINED WITH NITRILE RUBBER GASKET. MUELLER 540 SERVI-SEAL OR APPROVED EQUAL. COMPLETE WITH PLUG.	1	EA						

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



TIE-IN #2: PREPARATORY
NOT TO SCALE

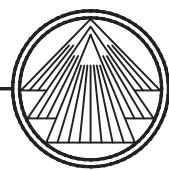


TIE-IN #2: FINAL
NOT TO SCALE

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

DRAFT

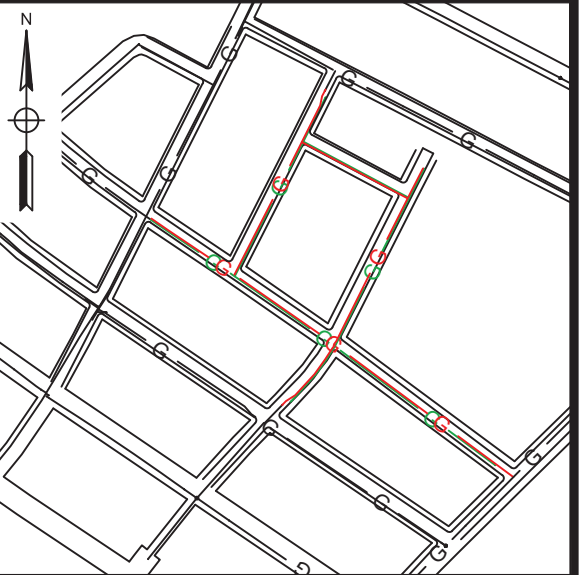
PE STAMP AND
SIGNATURE



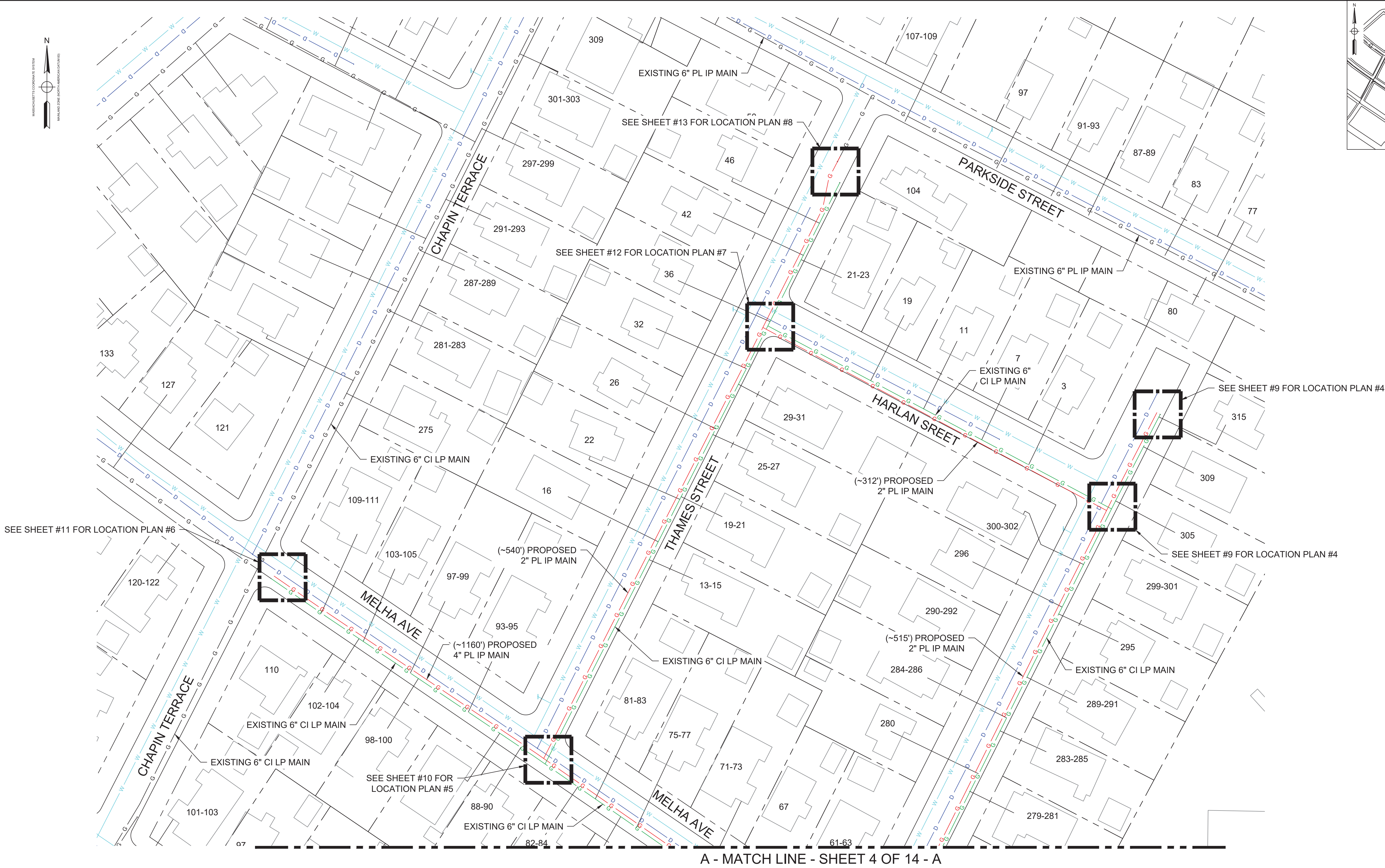
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23 Resnik Road
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Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 7 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-07	A



KEY MAP
SCALE: N.T.S.

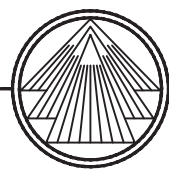


A - MATCH LINE - SHEET 4 OF 14 - A

LOCATION PLAN
SCALE: 1" = 40'

DRAFT

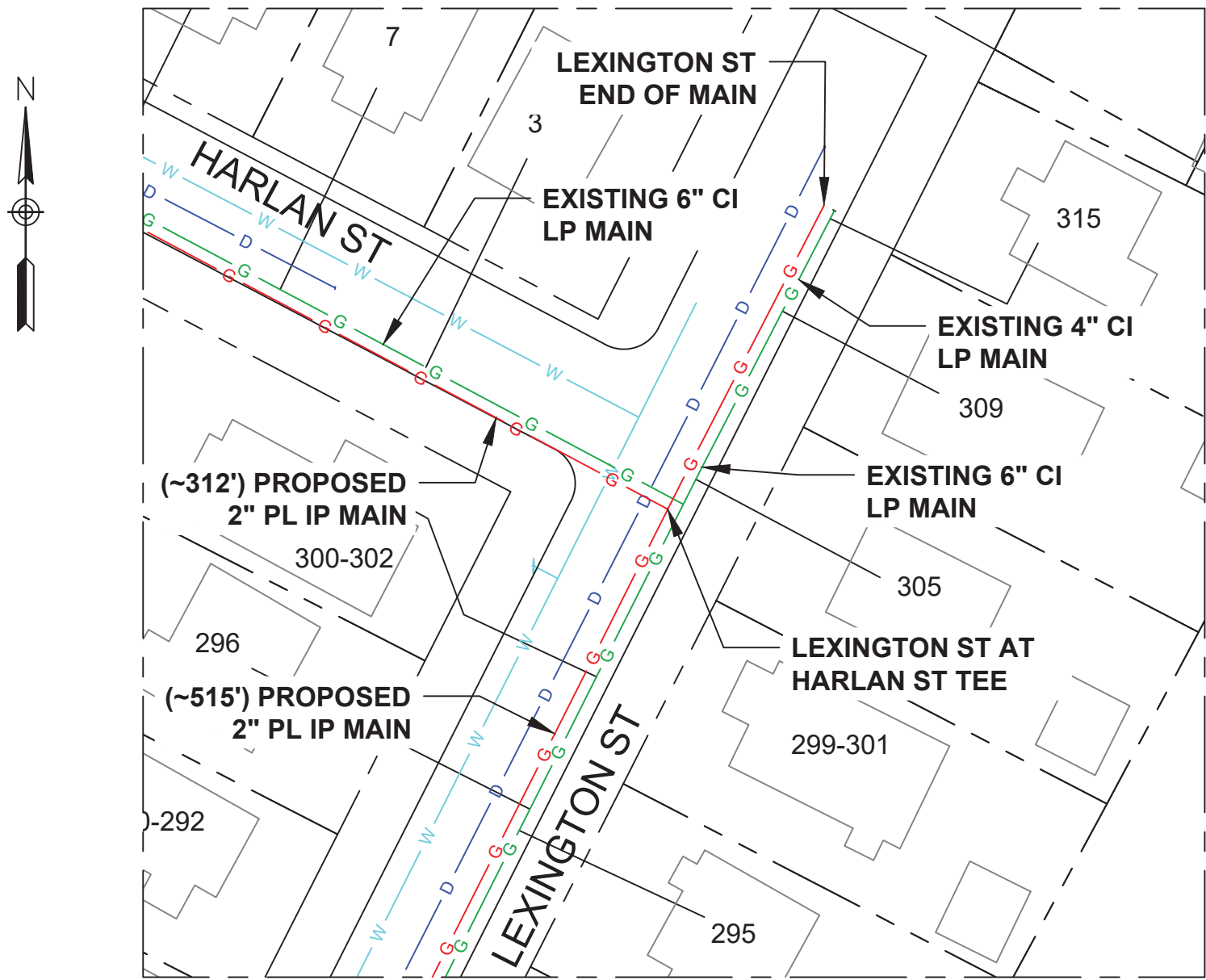
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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
LOCATION PLAN			
SCALE: AS NOTED		SHEET 8 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-08	A



LOCATION PLAN - #4

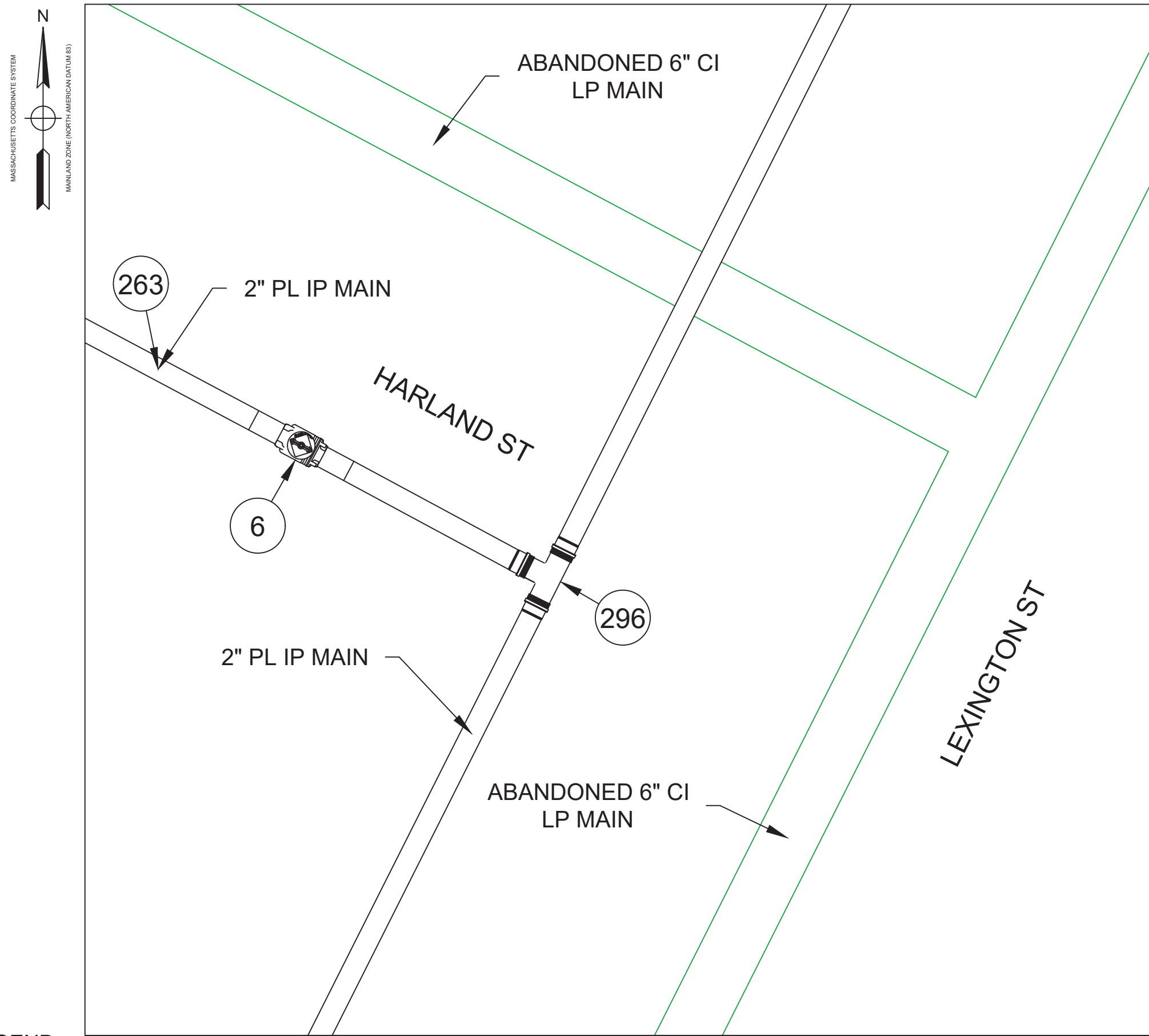
LEXINGTON STREET AT HARLAND STREET, SPRINGFIELD, MA - TEE: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
263	2"	554025	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	312	LF
296	2"	583287	TEE, MECHANICAL COMPRESSION, SDR 11 IPS, DUPONT ZYTEL ST-801 NYLON BODY, 316 SS COMPRESSION RING, INTERNAL STIFFENER, ASTM D-2513, ASTM F1924. METFIT OR APPROVED EQUAL.	1	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

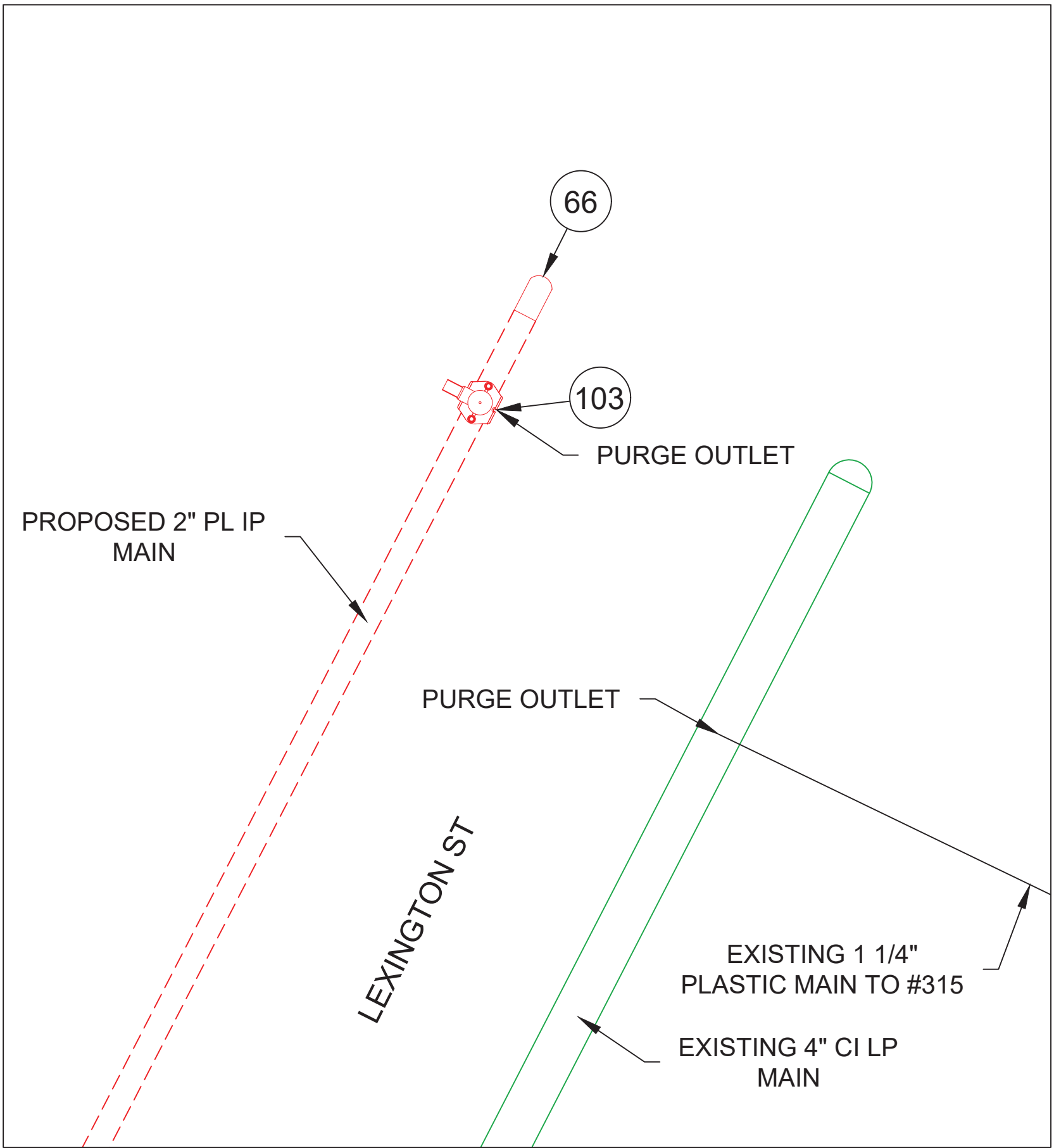
LEXINGTON STREET, SPRINGFIELD, MA - END OF MAIN: PREPARATORY					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
66	2"	542572	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
103	2" X 1"	584445	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA

LEXINGTON STREET, SPRINGFIELD, MA - END OF MAIN: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
271	1"	542610	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	1	EA

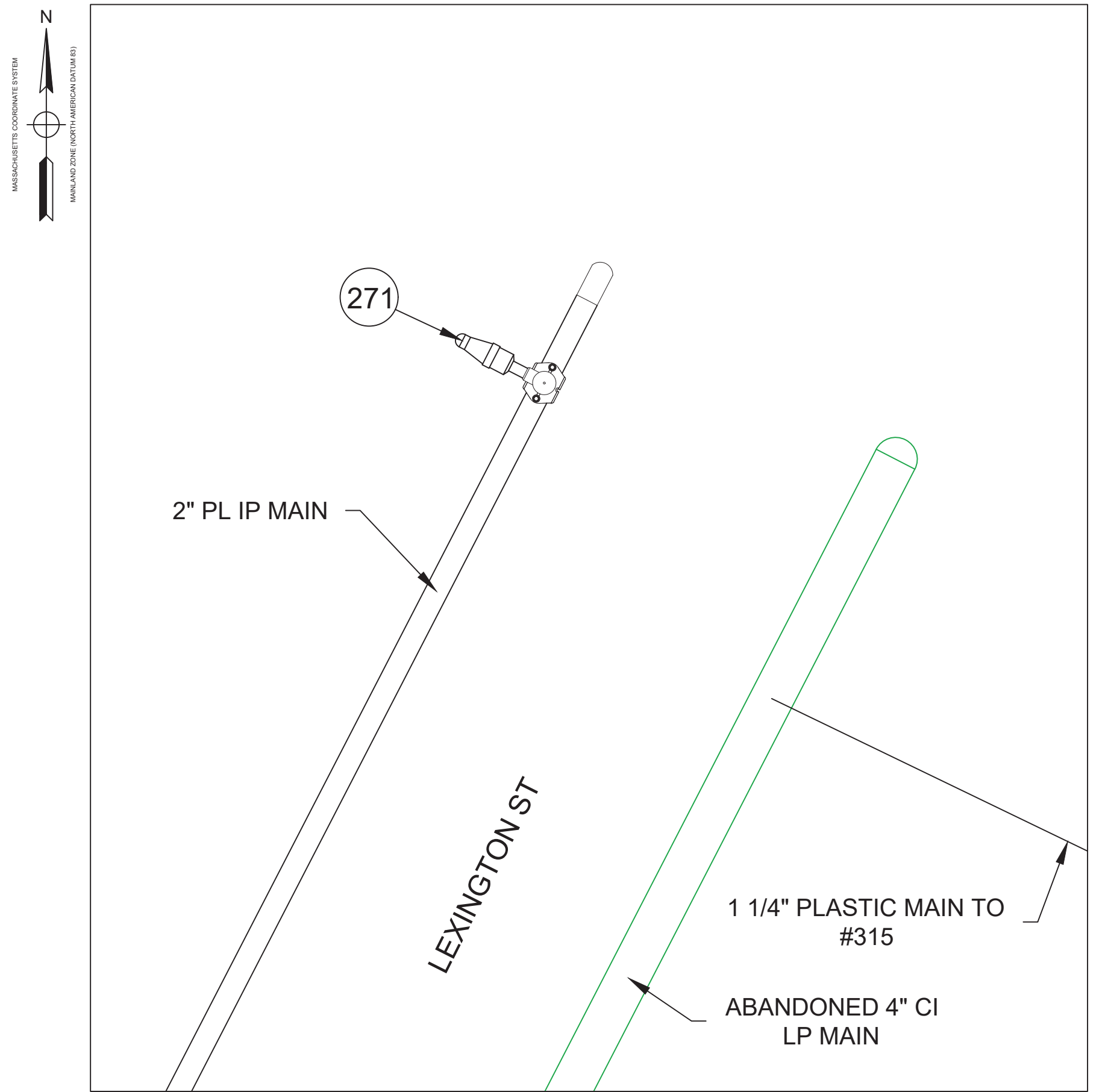
*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



LEXINGTON STREET AT HARLAN STREET TEE: FINAL
NOT TO SCALE



LEXINGTON STREET END OF MAIN: PREPARATORY
NOT TO SCALE



LEXINGTON STREET END OF MAIN: FINAL
NOT TO SCALE

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

DRAFT

PE STAMP AND SIGNATURE

TRI-MONT

Engineering Company

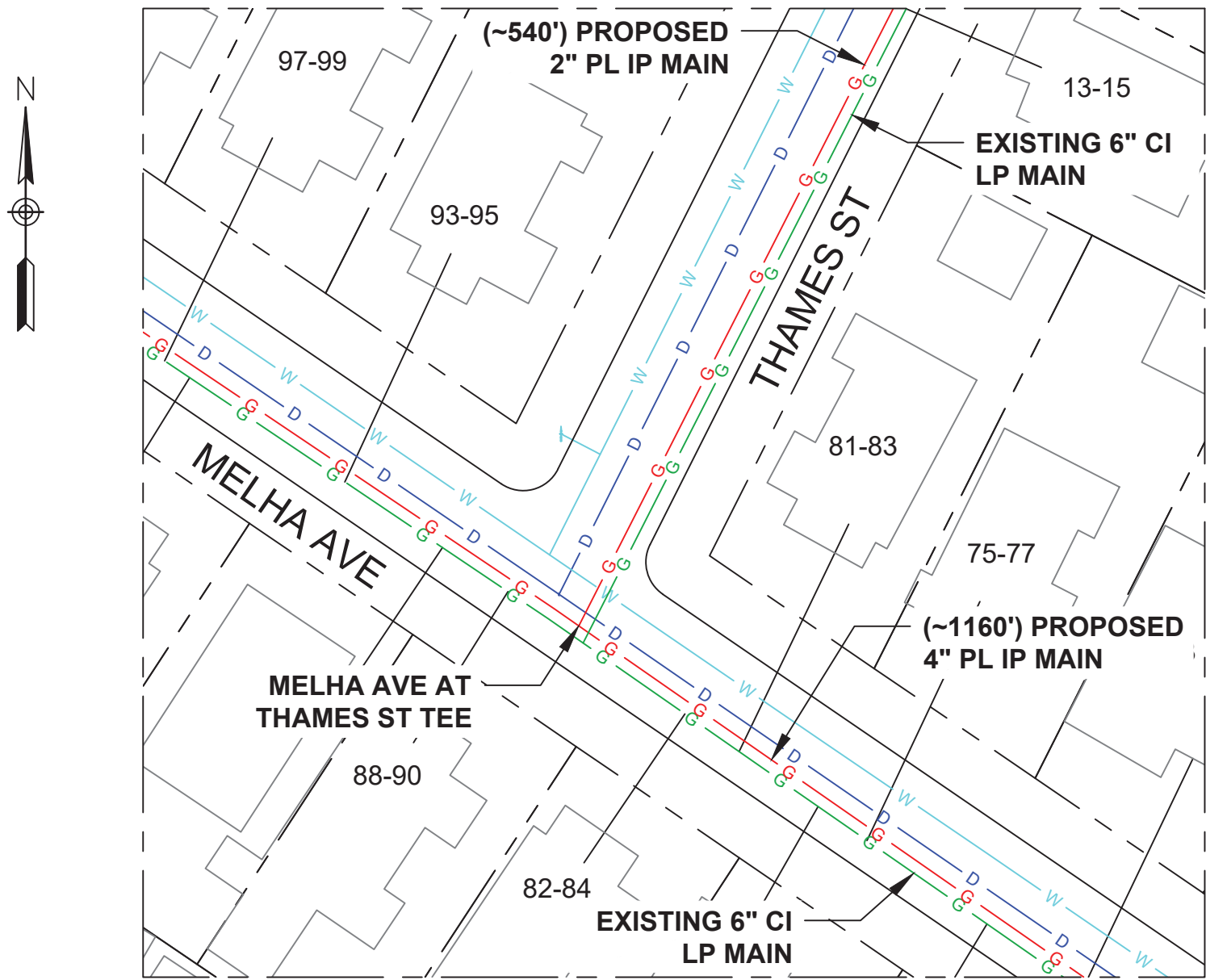
23 Resnik Road

Suite 1

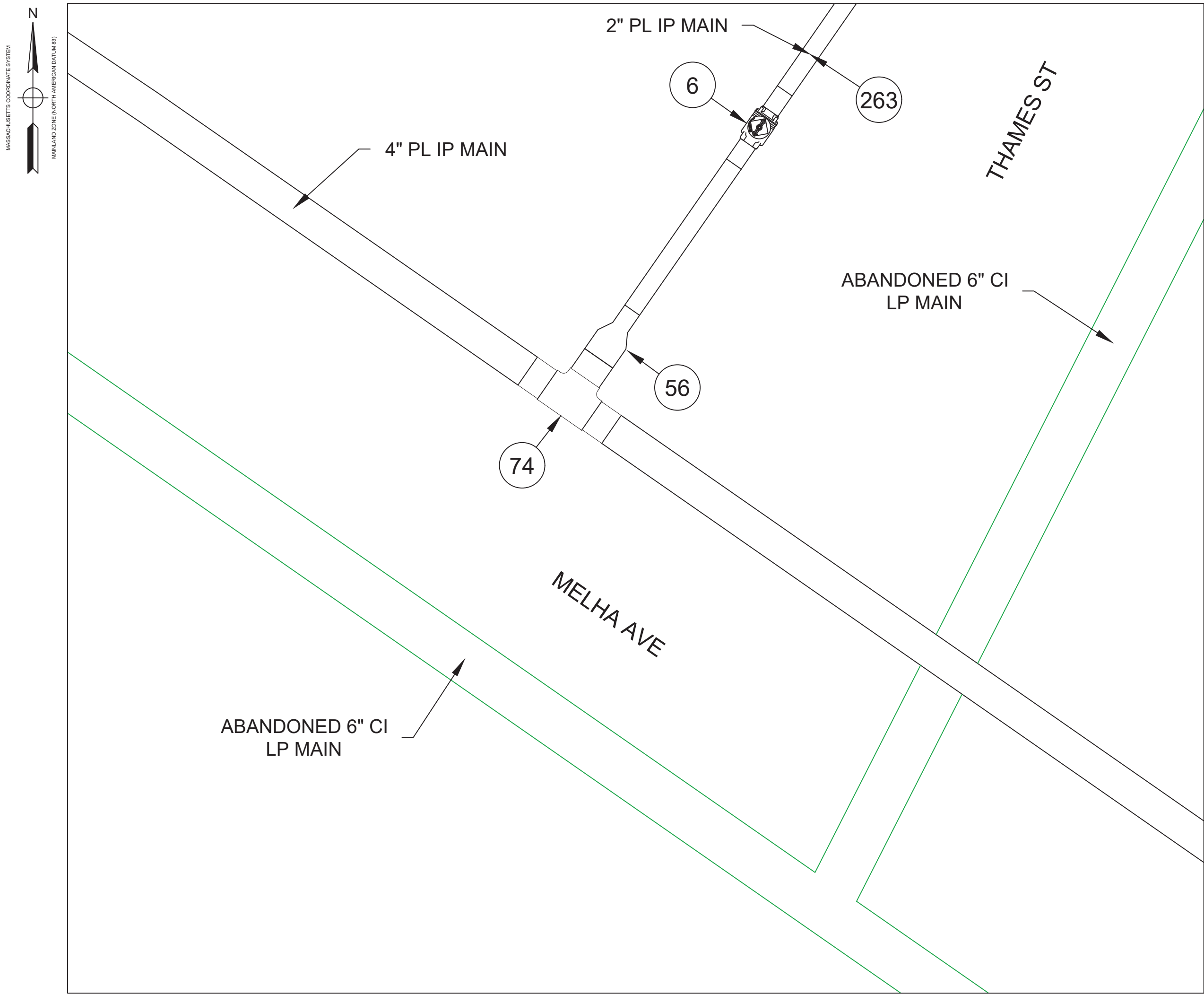
Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 9 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-09	A



LOCATION PLAN - #5

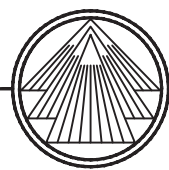


LEXINGTON STREET AT HARLAN STREET TEE: FINAL
NOT TO SCALE

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

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Suite 1
Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

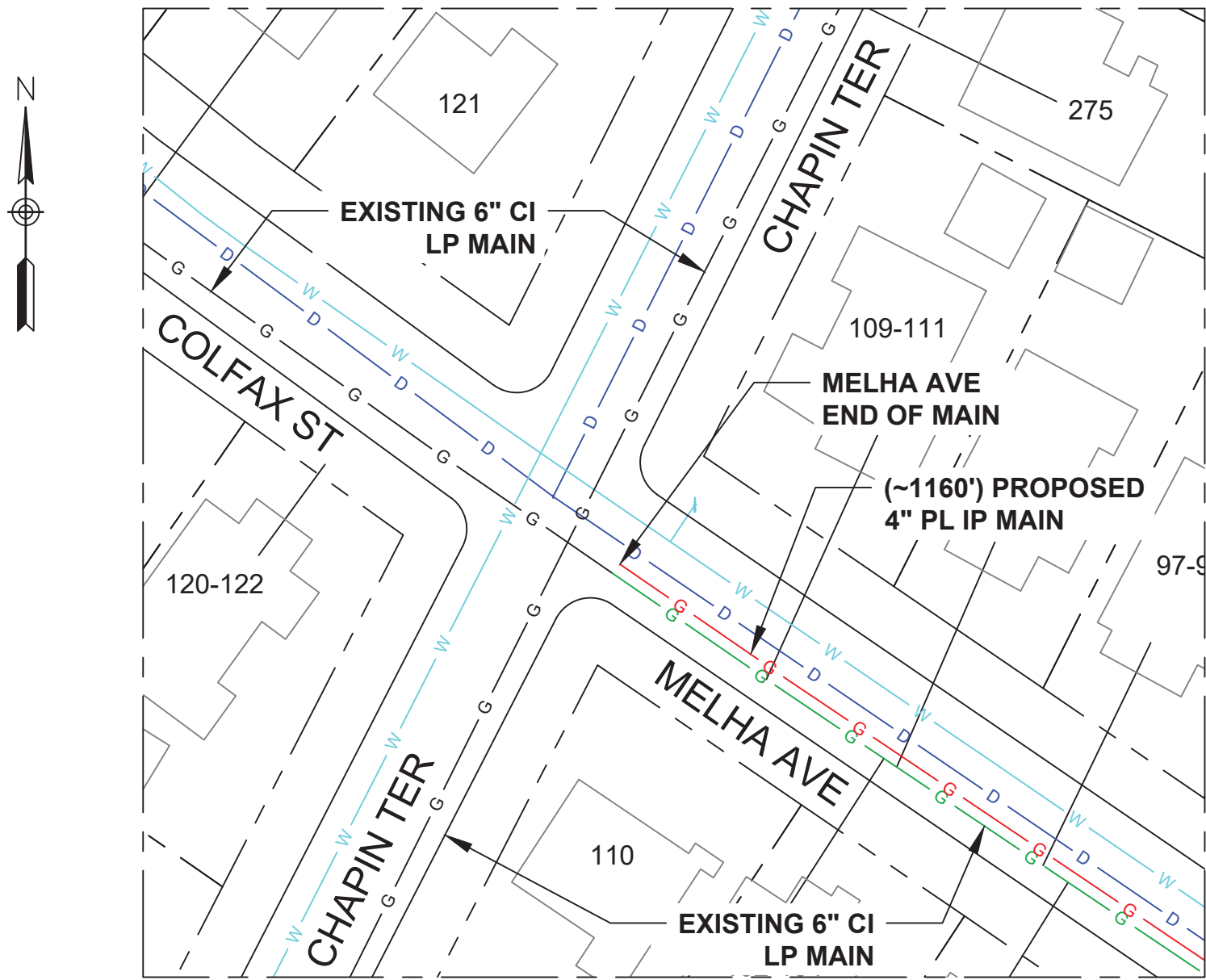
A	ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description		Date	Dw/Ck
Revision/Status				
EVERSOURCE ENERGY				
MELHA AVE, SPRINGFIELD, MA				
PROJECT # XXXXXX				
PREPARATORY AND FINAL TIE-IN DETAILS				
SCALE: NOT TO SCALE			SHEET 10 OF 14	
Drawn by / Date		Checked by / Date		Rev. No.
JDC 02/18/22		MJG 02/18/22		A
Drawing Number			MA-SPR-PIP-22-048-10	

MELHA AVE AT THAMES STREET, SPRINGFIELD, MA - TEE: FINAL

REQUIRED BILL OF MATERIALS

Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
56	4" X 2"	555593	REDUCER, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
74	4"	560679	TEE, STRAIGHT, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
263	2"	554025	PIPE, IPS, HDPE 3408/4710 SDR 11, ASTM D2513, ASTM D3350, PERFORMANCE PIPE OR APPROVED EQUAL	540	LF

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



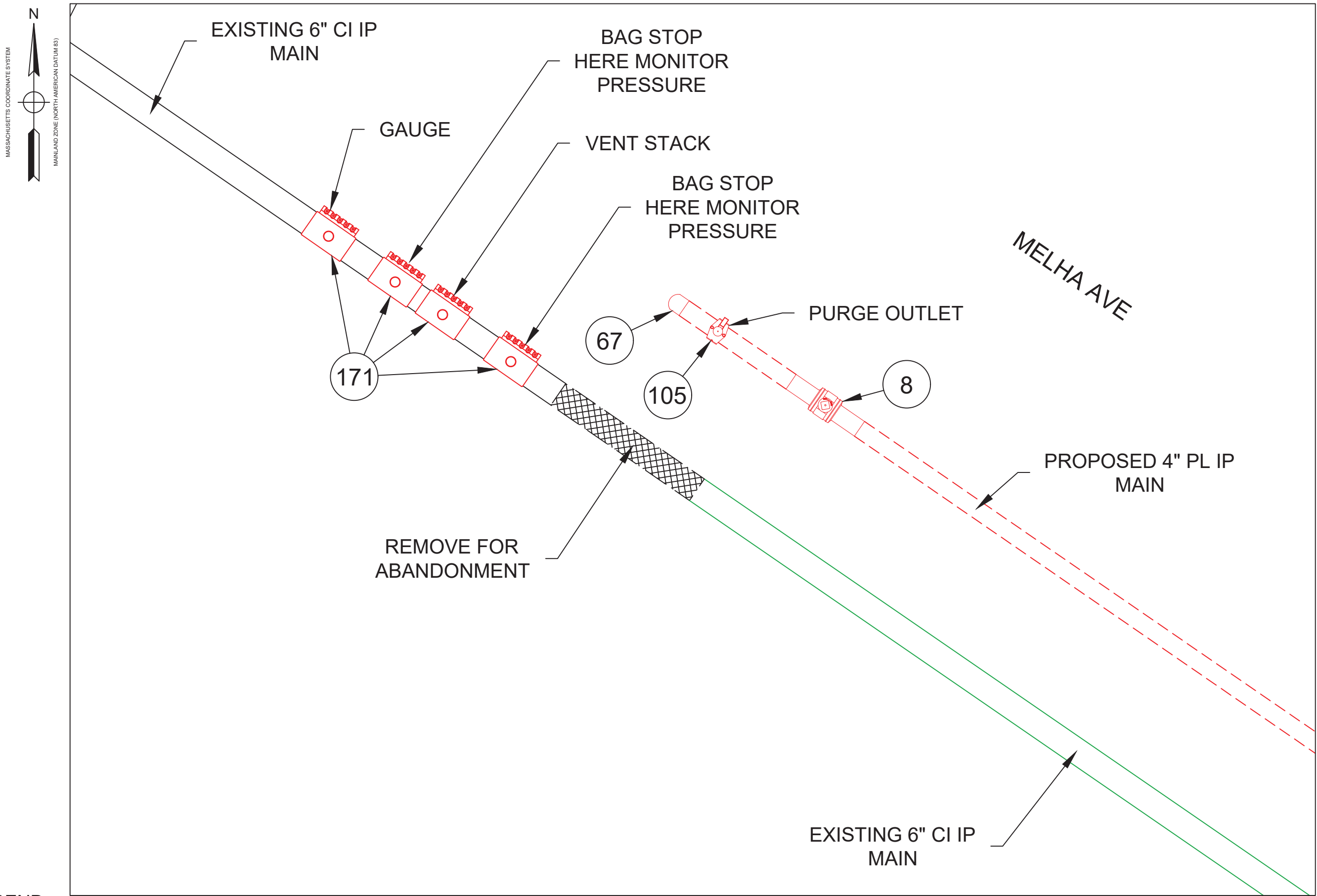
LOCATION PLAN - #6

LEXINGTON STREET, SPRINGFIELD, MA - END OF MAIN: PREPARATORY					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
8	4"	501002	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
67	4"	542538	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
105	4" X 1"	500868	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
171	6" X 2"	578021	BAND CLAMP, WITH WELDED 2" FNPT SERVICE OUTLET, 304L SS BANDS AND GAP BRIDGES, SS STUDS WITH TEFLON COATED HEX NUTS, COMPLETELY LINED WITH NITRILE RUBBER GASKET. MUELLER 540 SERVI-SEAL OR APPROVED EQUAL. COMPLETE WITH PLUG.	4	EA

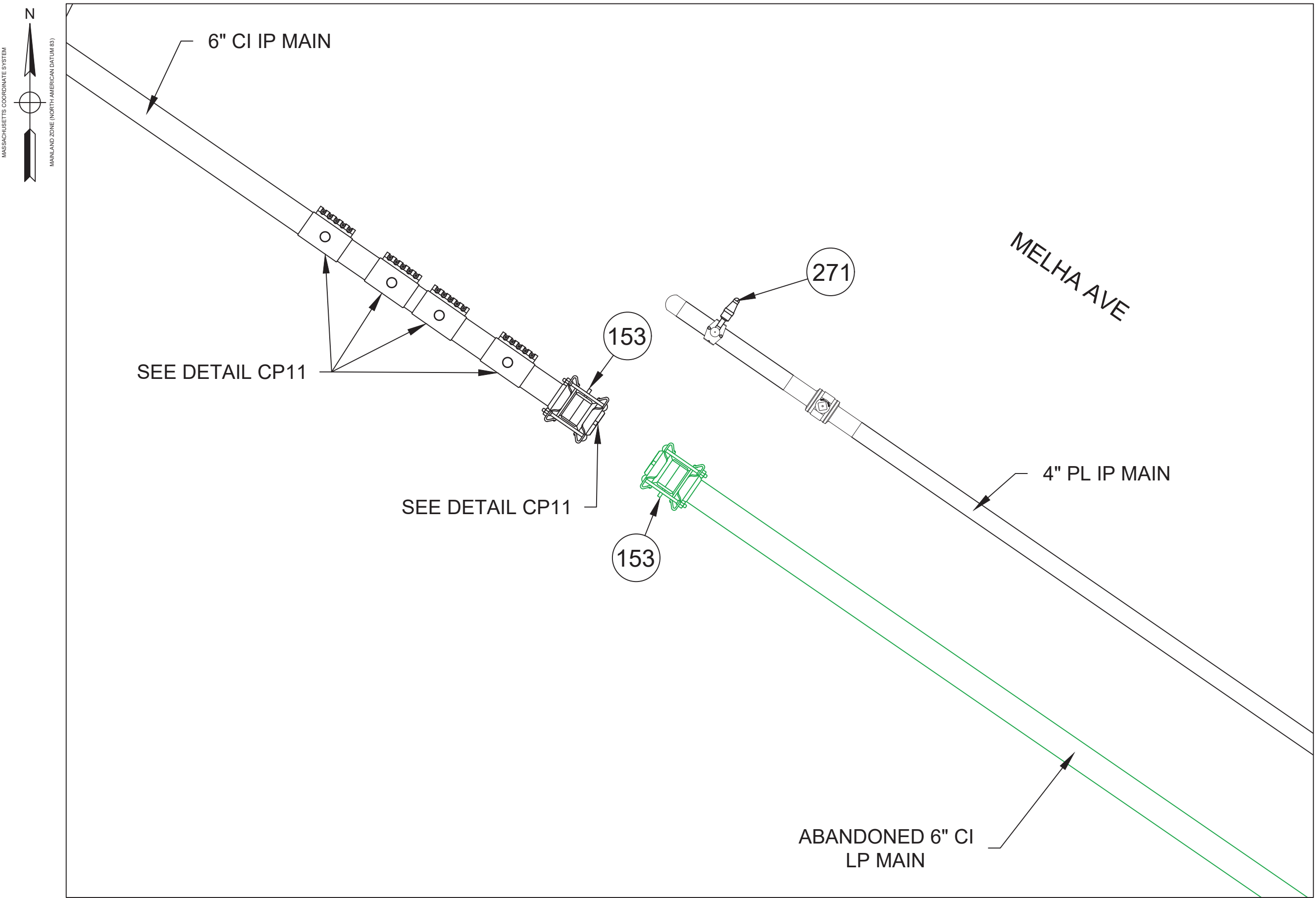
*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

MELHA STREET AT CHAPIN TERRACE, SPRINGFIELD, MA - END OF MAIN: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
153	6"	578129	END CAP, BOLTED MECHANICAL, CIP. SMITH-BLAIR MAXI-GRIP OR APPROVED EQUAL.	2	EA
271	1"	542610	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	1	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



MELHA AVE END OF MAIN: PREPARATORY
NOT TO SCALE



MELHA AVE END OF MAIN: FINAL
NOT TO SCALE

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

DRAFT

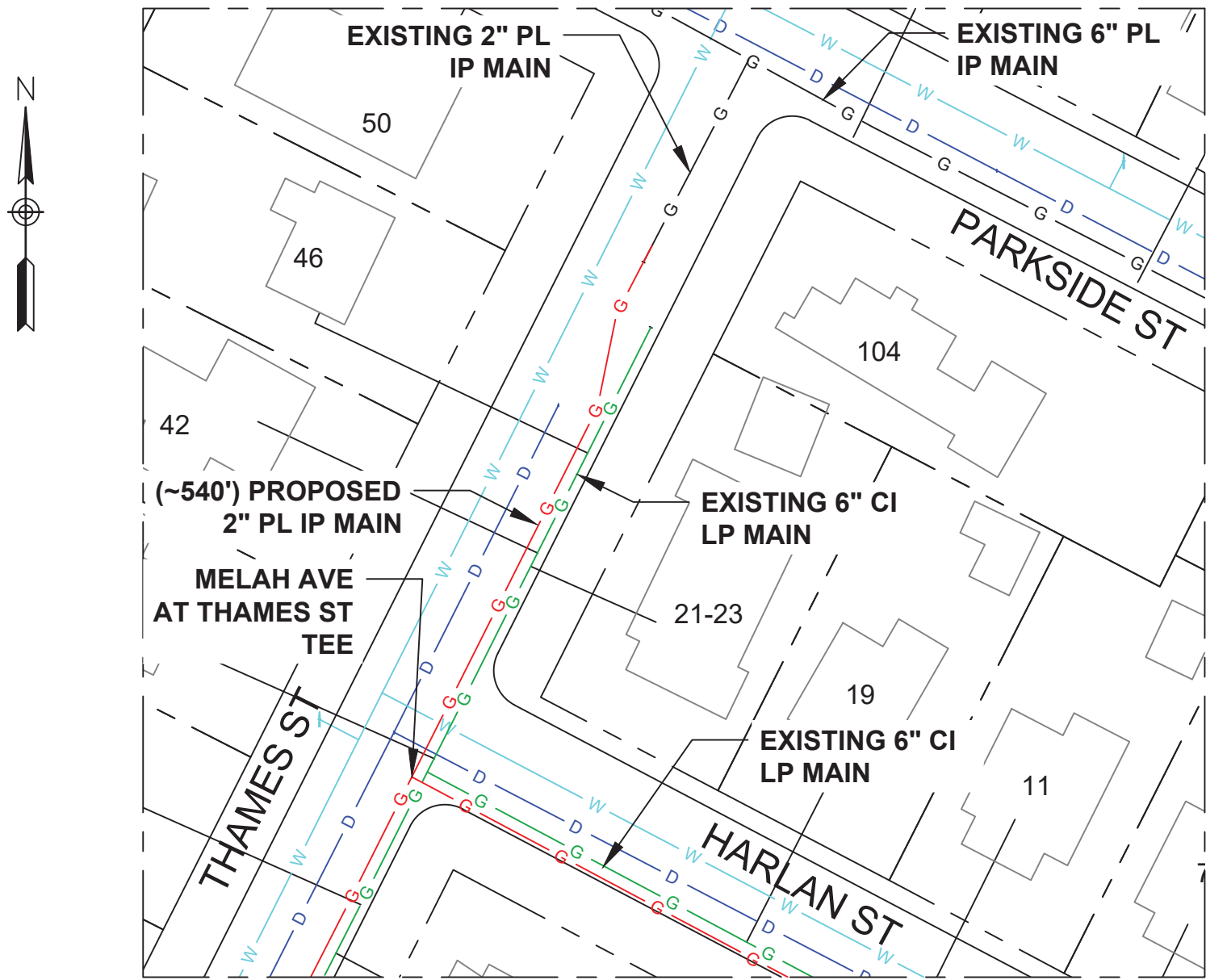
PE STAMP AND
SIGNATURE



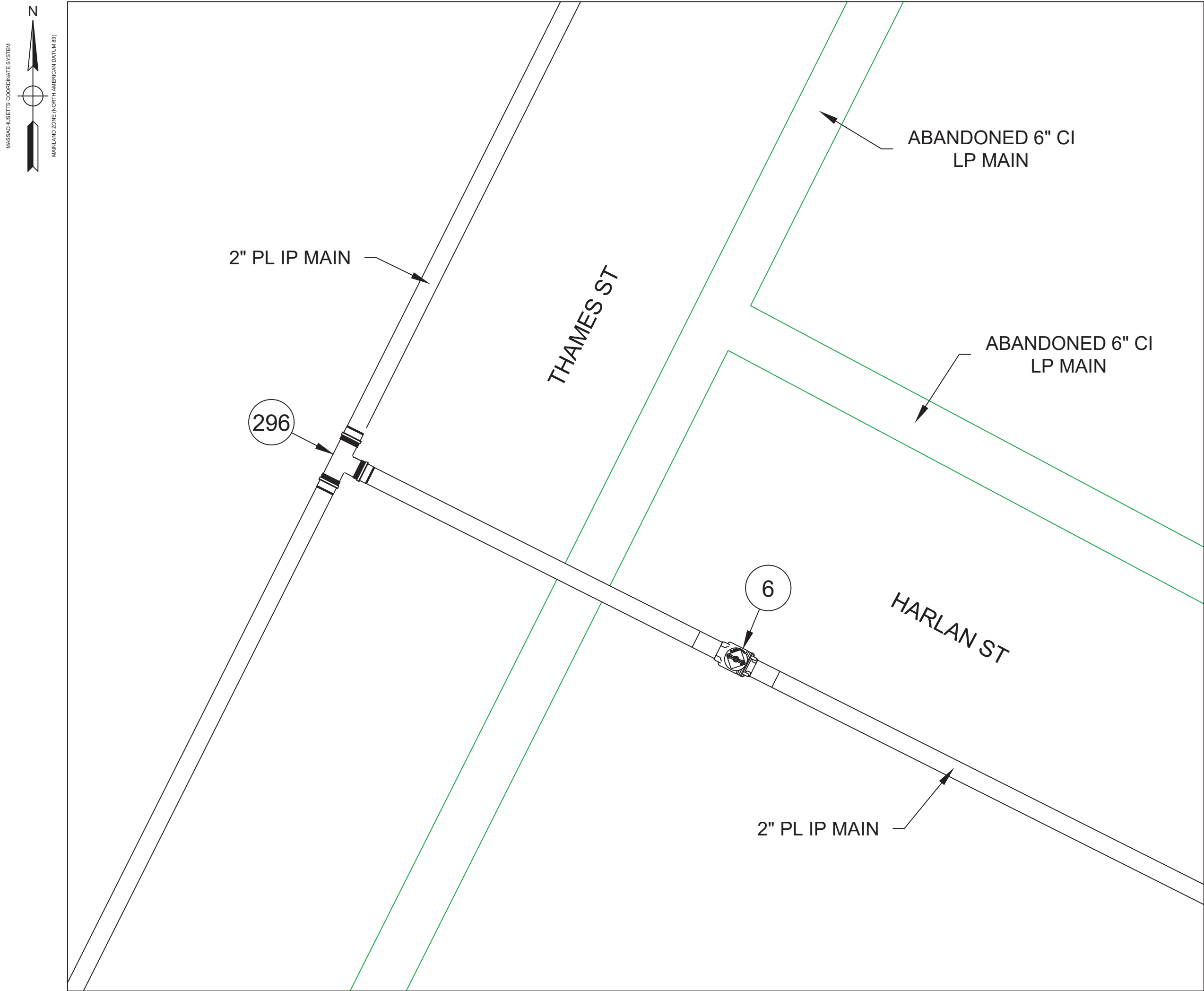
TRI-MONT Engineering Company
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Suite 1
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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 11 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-11	A



LOCATION PLAN - #7



THAMES STREET AT HARLAN STREET TEE: FINAL
NOT TO SCALE

LEGEND

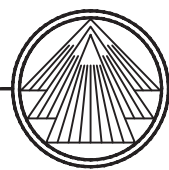
- EXISTING GAS MAIN
- PROPOSED GAS MAIN
- EXISTING GAS MAIN TO BE ABANDONED
- EXISTING GAS MAIN WITH SERVICE TRANSFERS
- EXISTING GAS MAIN WITH PRESSURE INCREASE
- EXISTING FITTING
- PROPOSED FITTING

THAMES STREET AT HARLAN STREET, SPRINGFIELD, MA - TEE: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
296	2"	583287	TEE, MECHANICAL COMPRESSION, SDR 11 IPS, DUPONT ZYTEL ST-801 NYLON BODY, 316 SS COMPRESSION RING, INTERNAL STIFFENER, ASTM D-2513, ASTM F1924. METFIT OR APPROVED EQUAL.	1	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

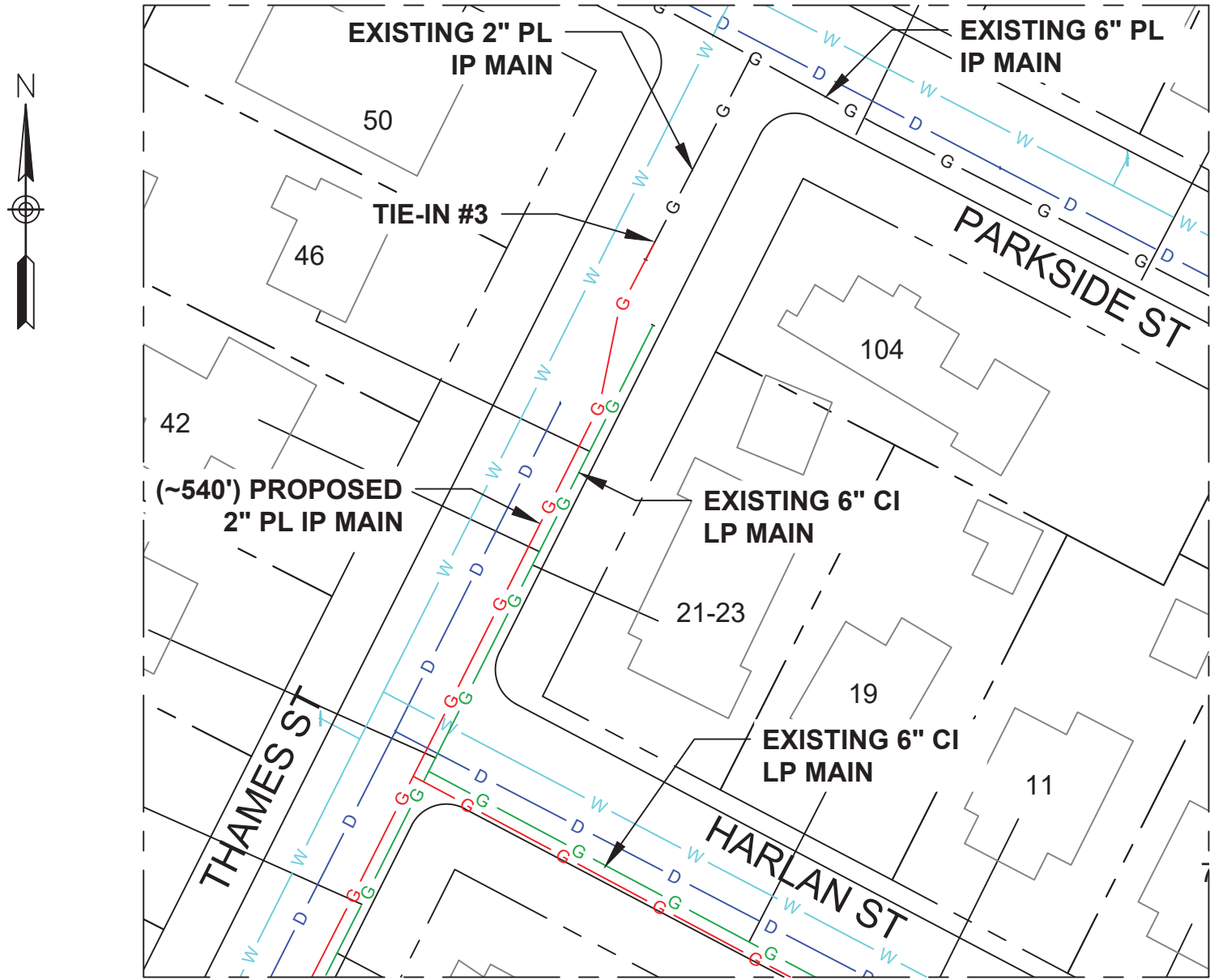
A	ISSUED FOR REVIEW		02/18/22	JDC/MJG
No.	Description		Date	Dw/Ck
Revision/Status				
EVERSOURCE ENERGY				
MELHA AVE, SPRINGFIELD, MA				
PROJECT # XXXXXX				
PREPARATORY AND FINAL TIE-IN DETAILS				
SCALE: NOT TO SCALE			SHEET 12 OF 18	
Drawn by / Date		Checked by / Date		Rev. No.
JDC 02/18/22		MJG 02/18/22		MA-SPR-PIP-22-048-12
				A

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FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION



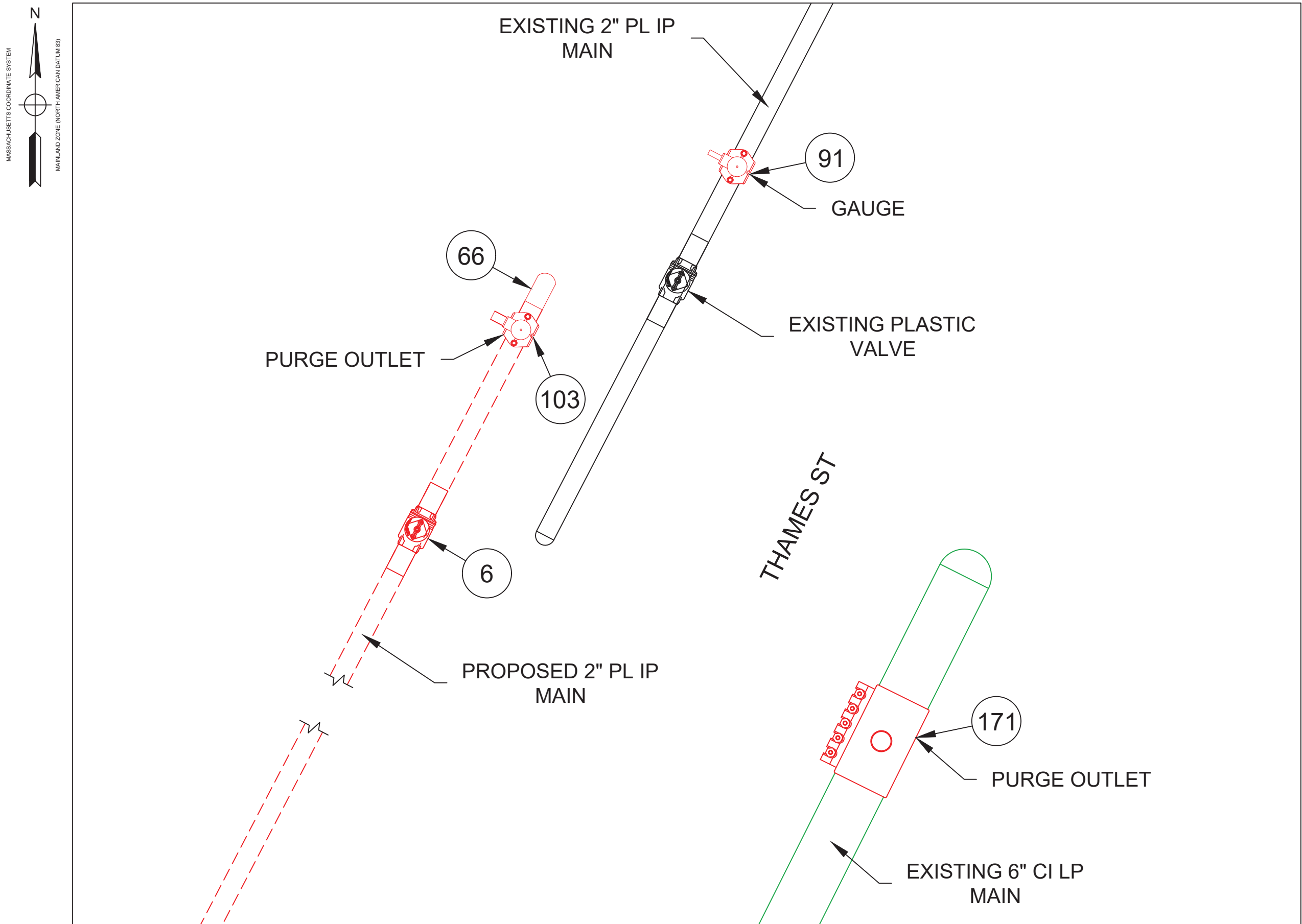
LOCATION PLAN - #8

THAMES STREET AT PARKSIDE STREET, SPRINGFIELD, MA - TIE-IN #3: PREPARATORY					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
6	2"	562087	BALL VALVE, BUTT FUSION, IPS, HDPE 3408/4710, SDR 11, ASTM D2513, ASME B16.40. FULL PORT, 1/4 TURN, KEROTEST POLYBALL OR APPROVED EQUAL.	1	EA
66	2"	542572	CAP, BUTT FUSION, IPS, HDPE 4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261. PERFORMANCE PIPE OR APPROVED EQUAL.	1	EA
91	2" X 1/2"	500866	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
103	2" X 1"	584445	TAPPING TEE, ELECTROFUSION, IPS X CTS, HDPE 3408/4710, SDR 11, ASTM D2513, ASTM D3350, ASTM D3261, ASTM F1055. CENTRAL PLASTICS OR APPROVED EQUAL.	1	EA
171	6" X 2"	578021	BAND CLAMP, WITH WELDED 2" FNPT SERVICE OUTLET, 304L SS BANDS AND GAP BRIDGES, SS STUDS WITH TEFLON COATED HEX NUTS, COMPLETELY LINED WITH NITRILE RUBBER GASKET. MUELLER 540 SERVI-SEAL OR APPROVED EQUAL. COMPLETE WITH PLUG.	1	EA

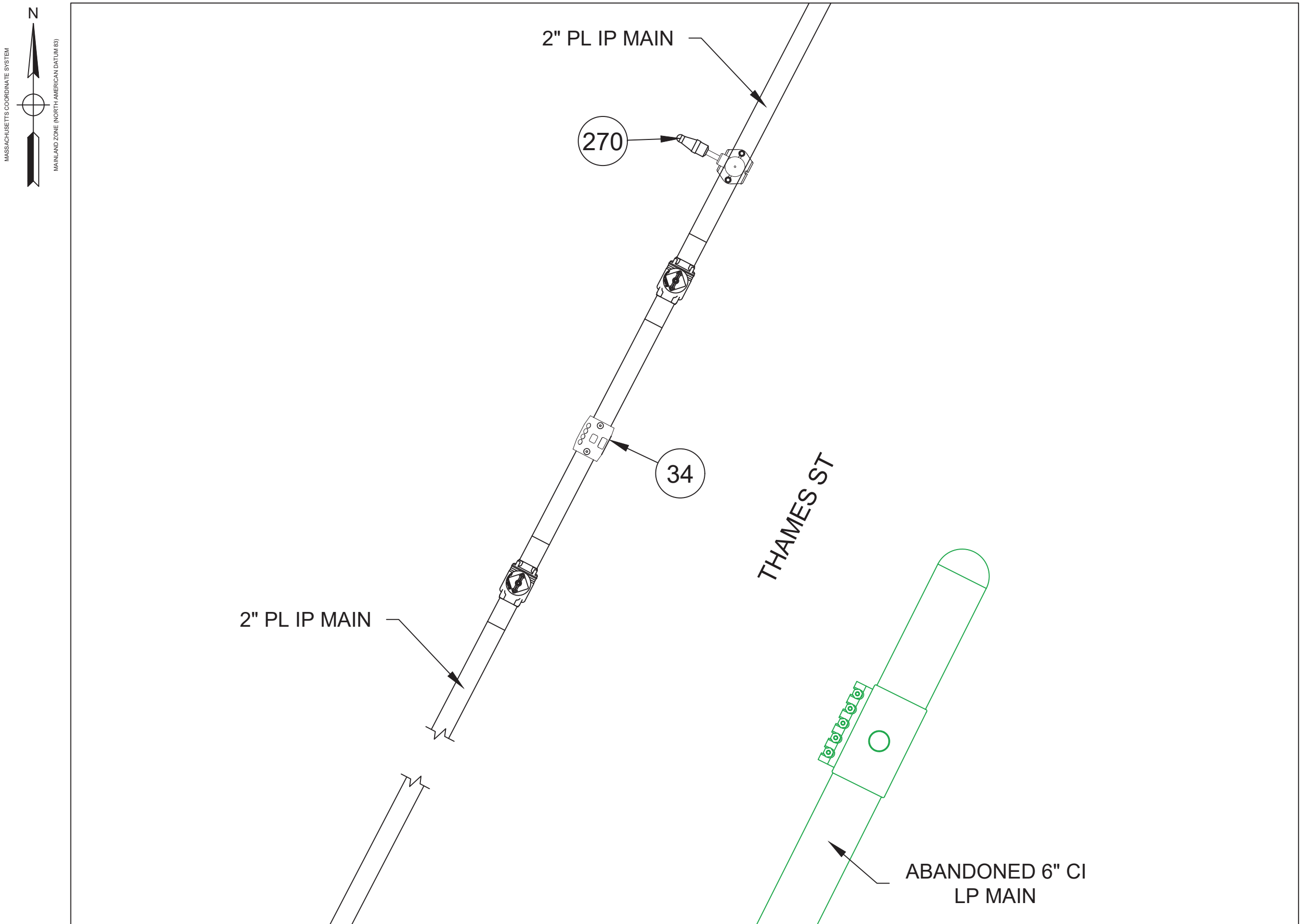
*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS

THAMES STREET AT PARKSIDE STREET, SPRINGFIELD, MA - TIE-IN #3: FINAL					
REQUIRED BILL OF MATERIALS					
Item	Size	MAXIMO NO.	Description	Quantity	Units
34	2"	500854	COUPLING, ELECTROFUSION, IPS, HDPE 3408, ASTM D3350, ASTM F1055, COMPATIBLE FOR FUSION TO HDPE 3408/4710 PIPE. GFCP OR APPROVED EQUAL.	1	EA
270	1/2"	542609	END CAP, MECHANICAL STAB, CTS, HDPE, PE 4710/3408, ASTM D2513, WITH SS GRIPPING SUPPORT RING, ACETAL COLLET AND SPACER RETAINER RING, PE THRUST WASHER, BUNA-N O-RING, ZINC-PLATED CS INSERT STIFFENER, PERFECTION WITH PERMASERT END CAP OR APPROVED EQUAL.	1	EA

*NOTE: ADDITIONAL ELBOWS MAY BE REQUIRED FOR OFFSETS



TIE-IN #3: PREPARATORY
NOT TO SCALE



TIE-IN #3: FINAL
NOT TO SCALE

LEGEND

EXISTING GAS MAIN

PROPOSED GAS MAIN

DRAFT

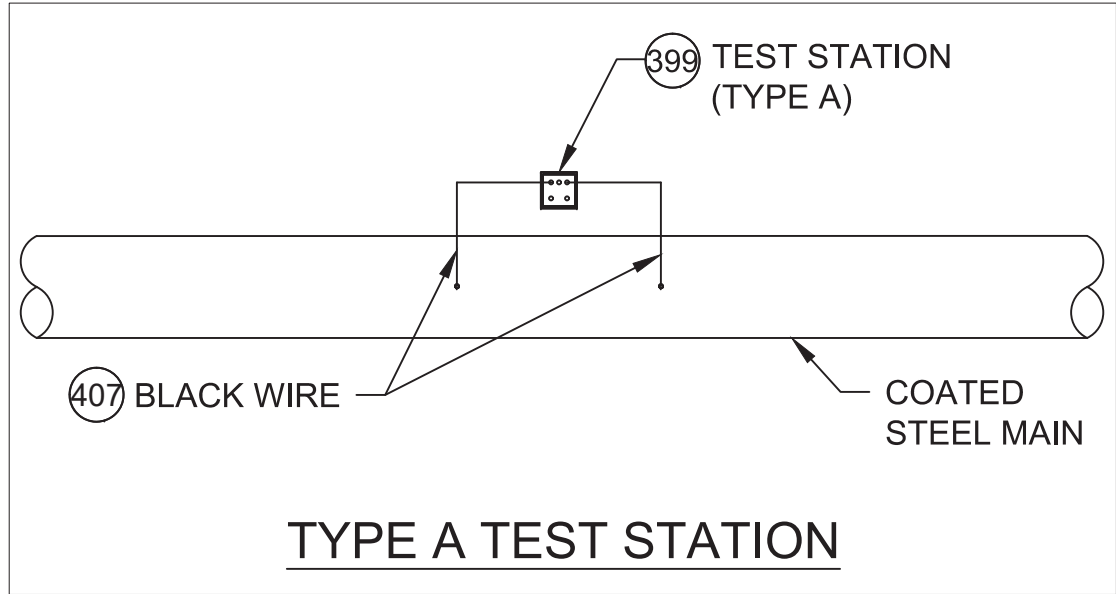
PE STAMP AND
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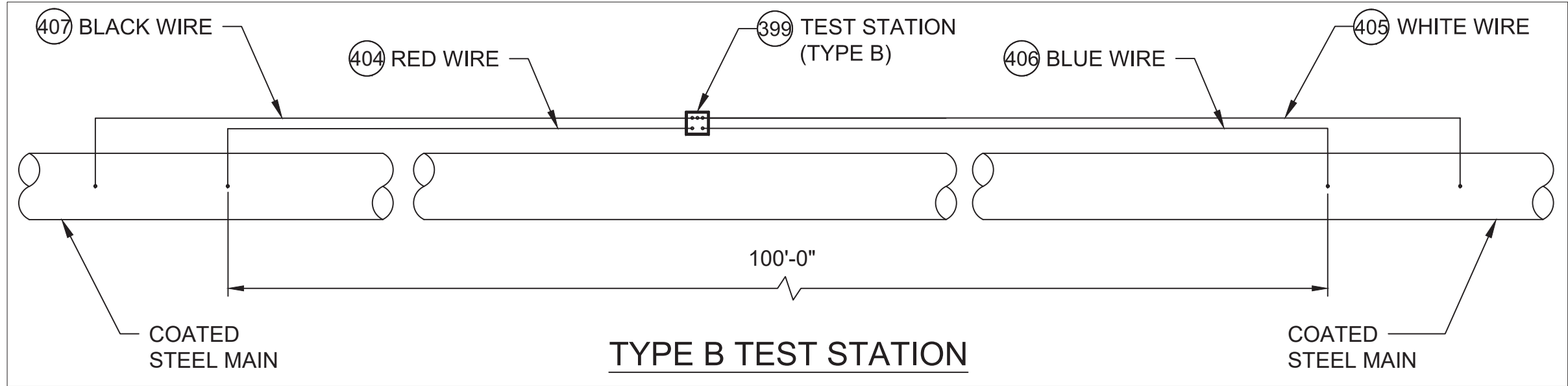
TRI-MONT
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Suite 1
Plymouth, MA, 02360

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION

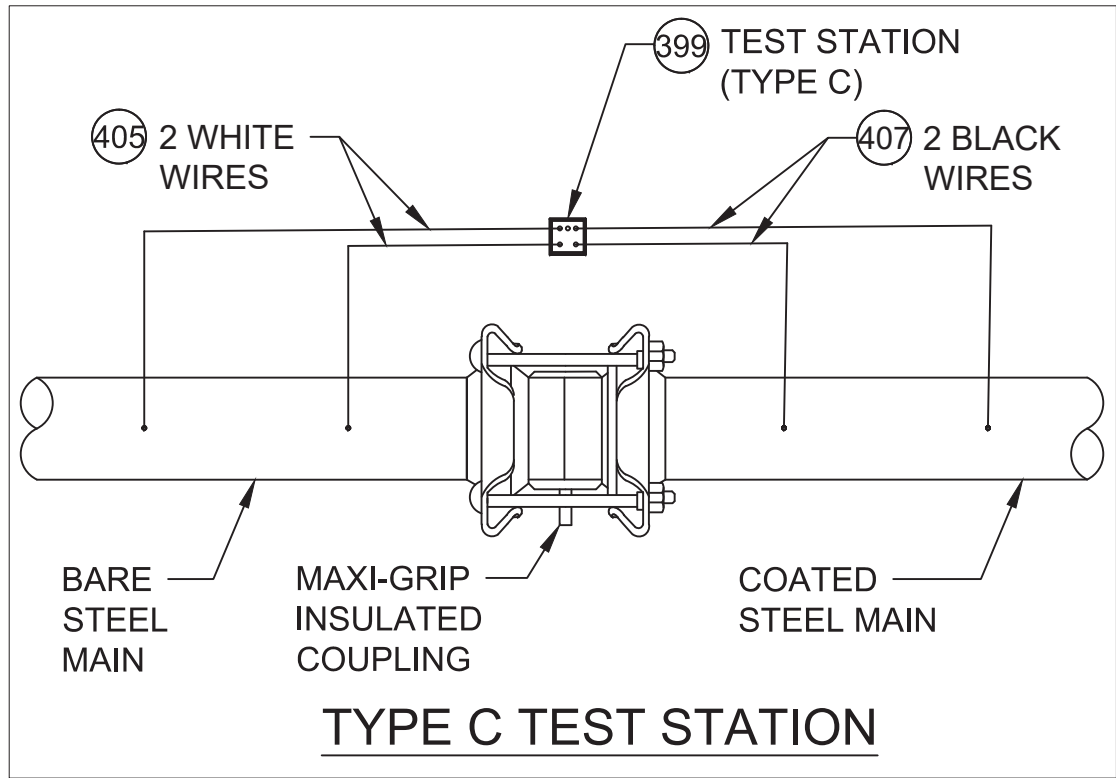
A	ISSUED FOR REVIEW	02/18/22	JDC/MJG
No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
MELHA AVE, SPRINGFIELD, MA			
PROJECT # XXXXXX			
PREPARATORY AND FINAL TIE-IN DETAILS			
SCALE: NOT TO SCALE		SHEET 13 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-PIP-22-048-13	A



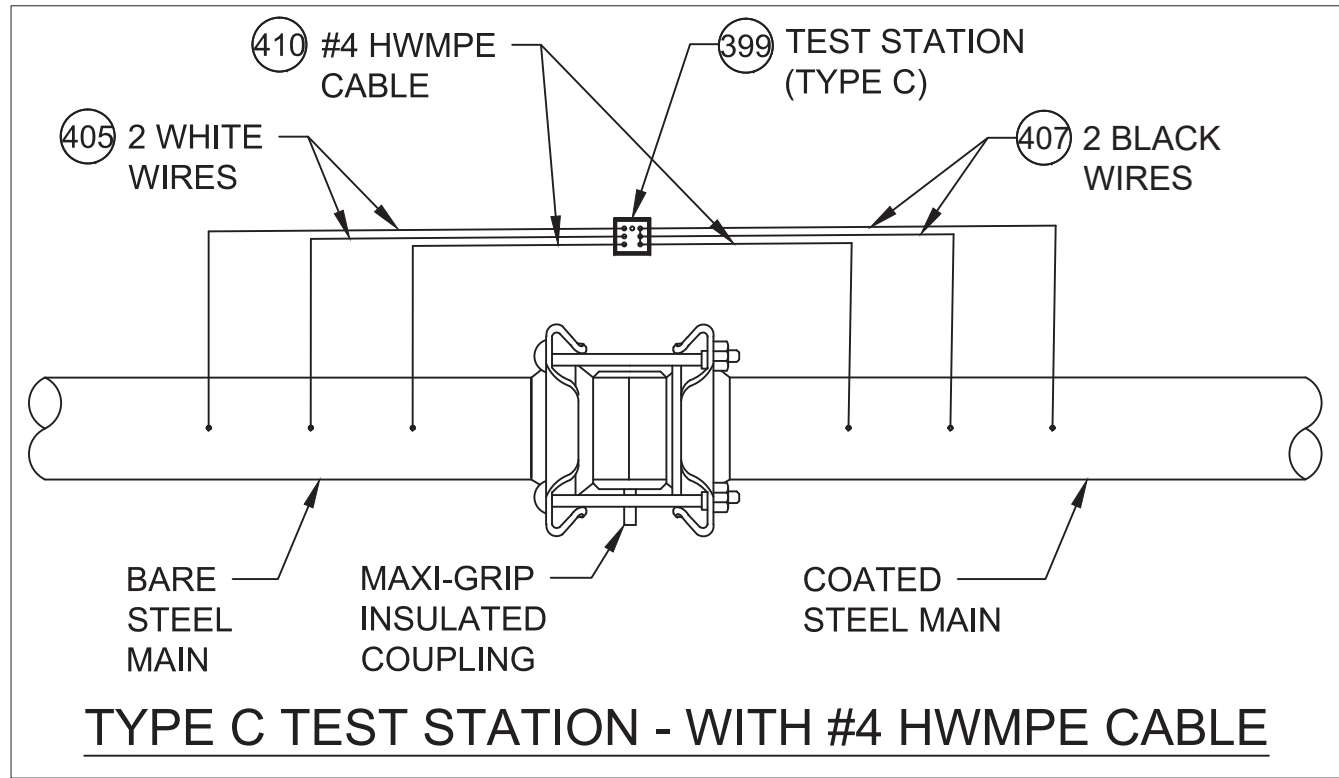
DETAIL CP1
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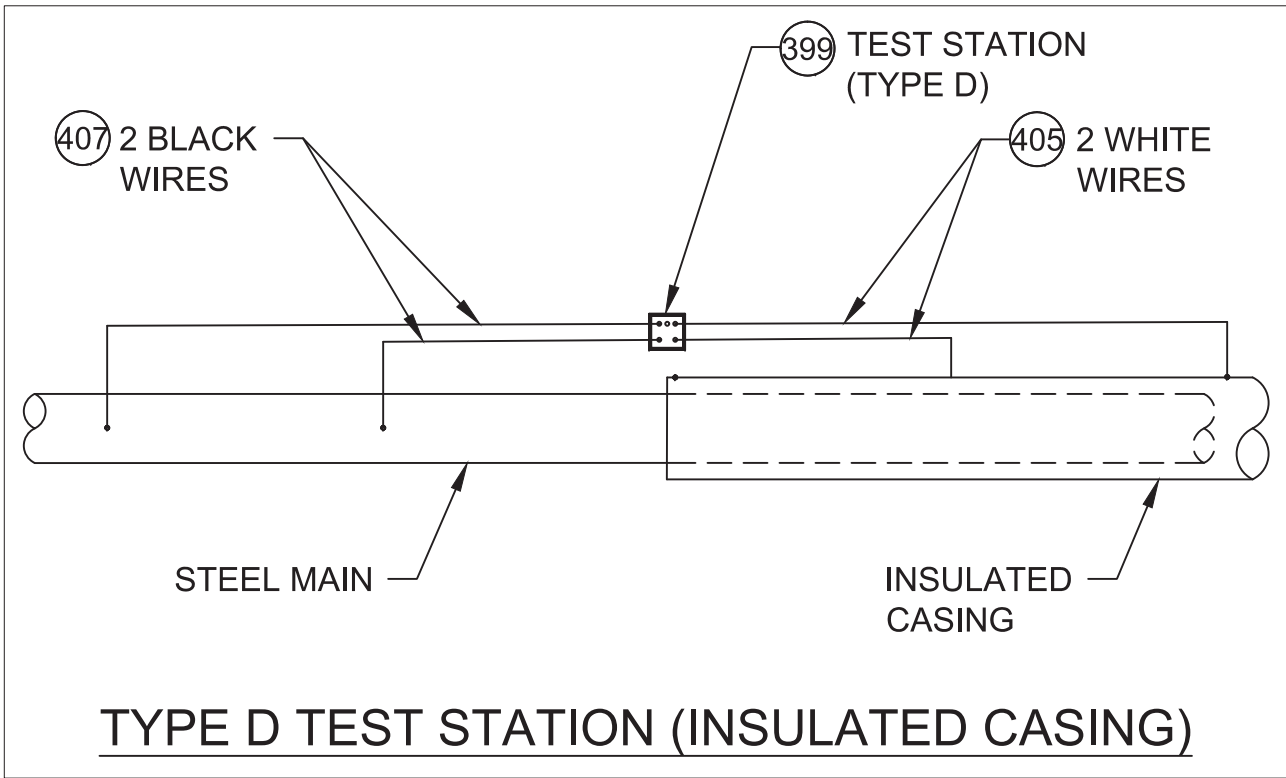
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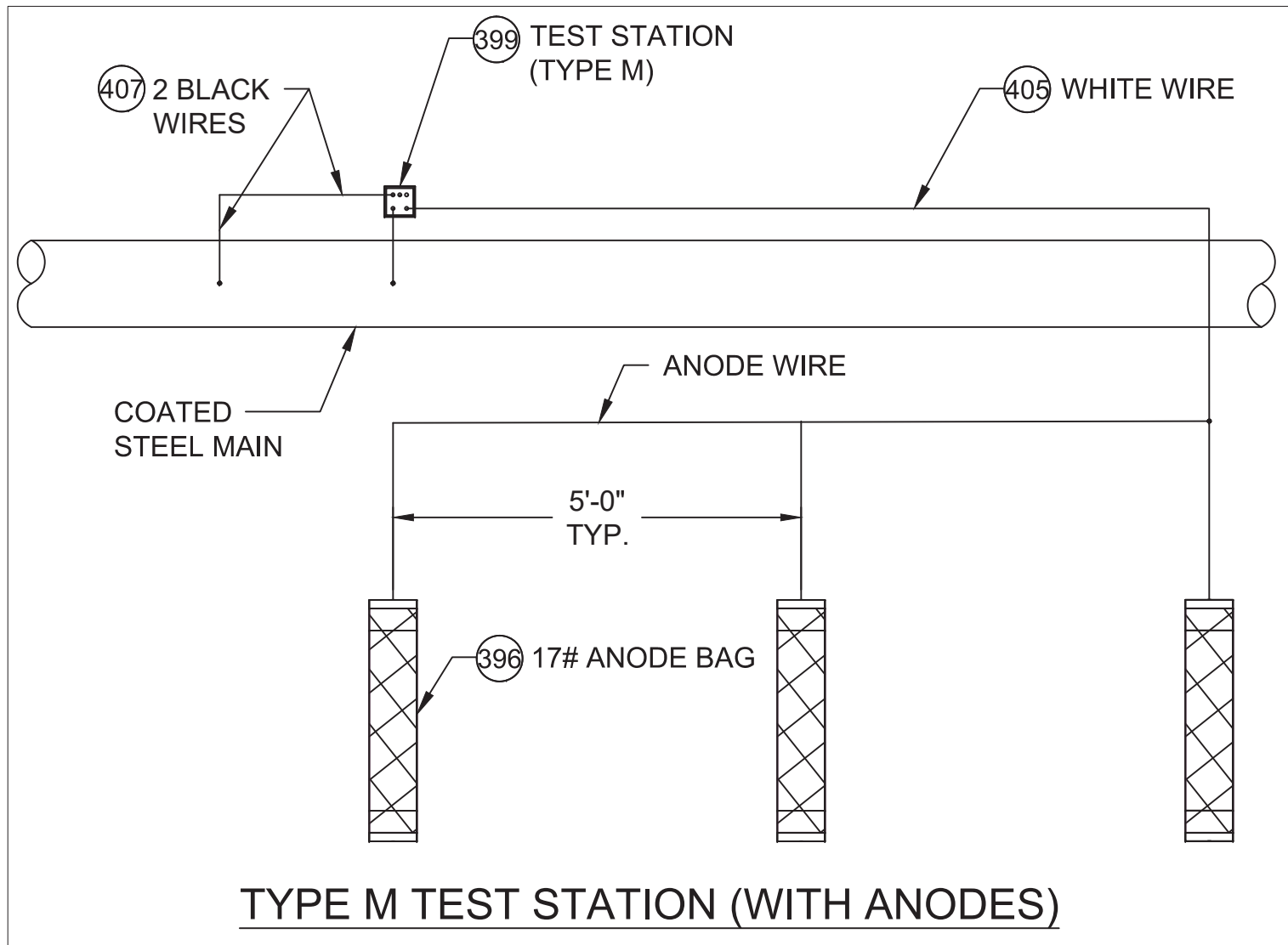
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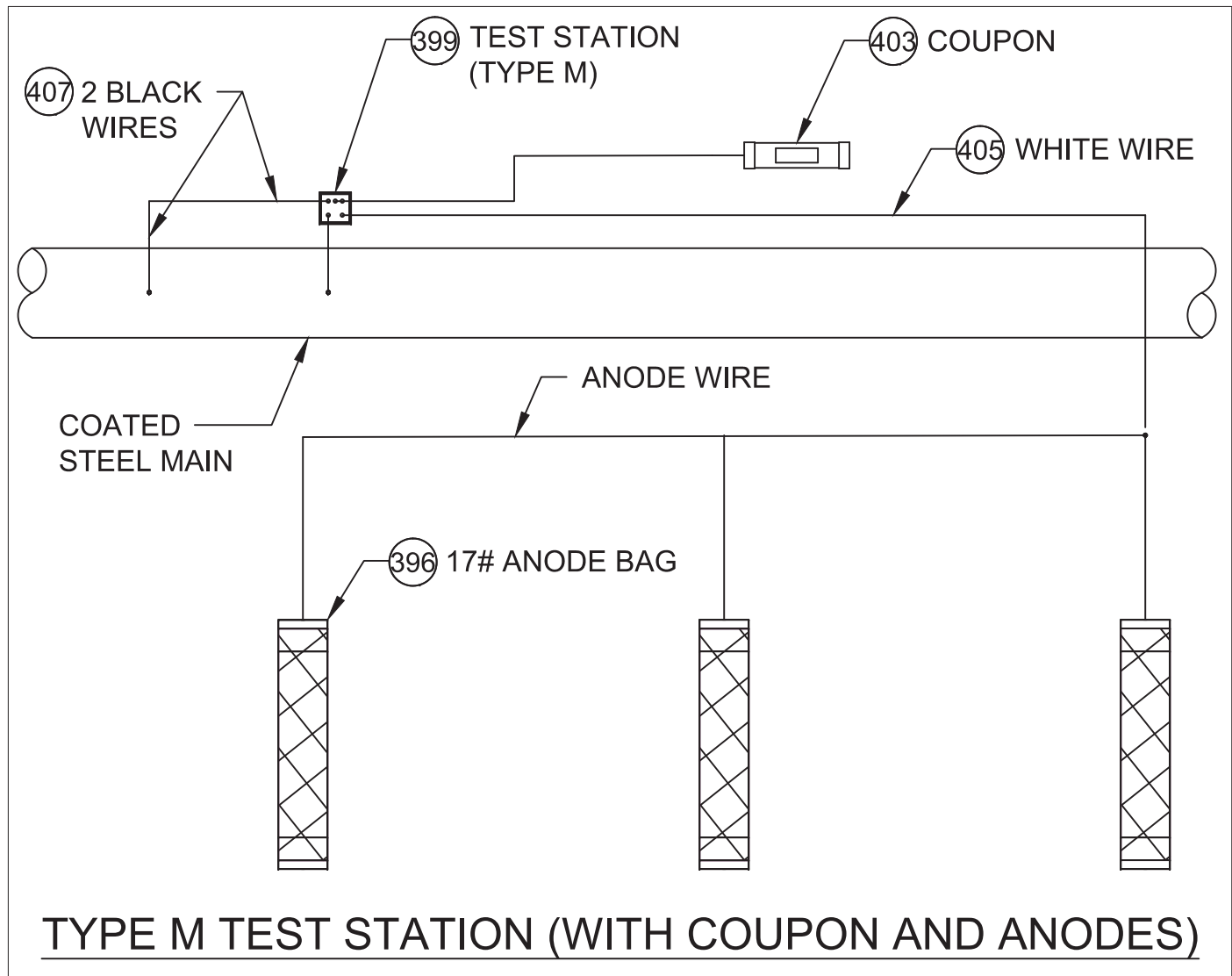
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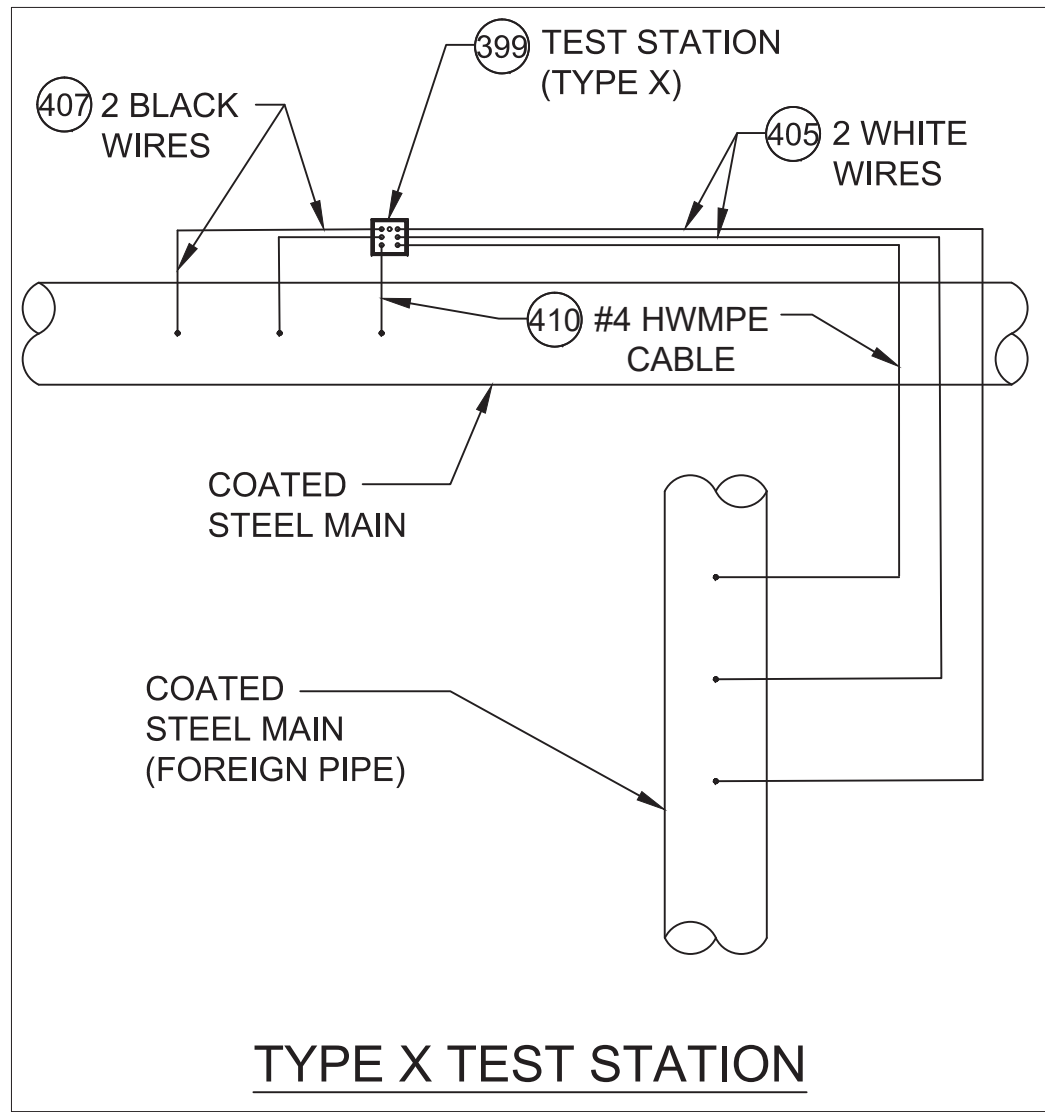
DETAIL CP5
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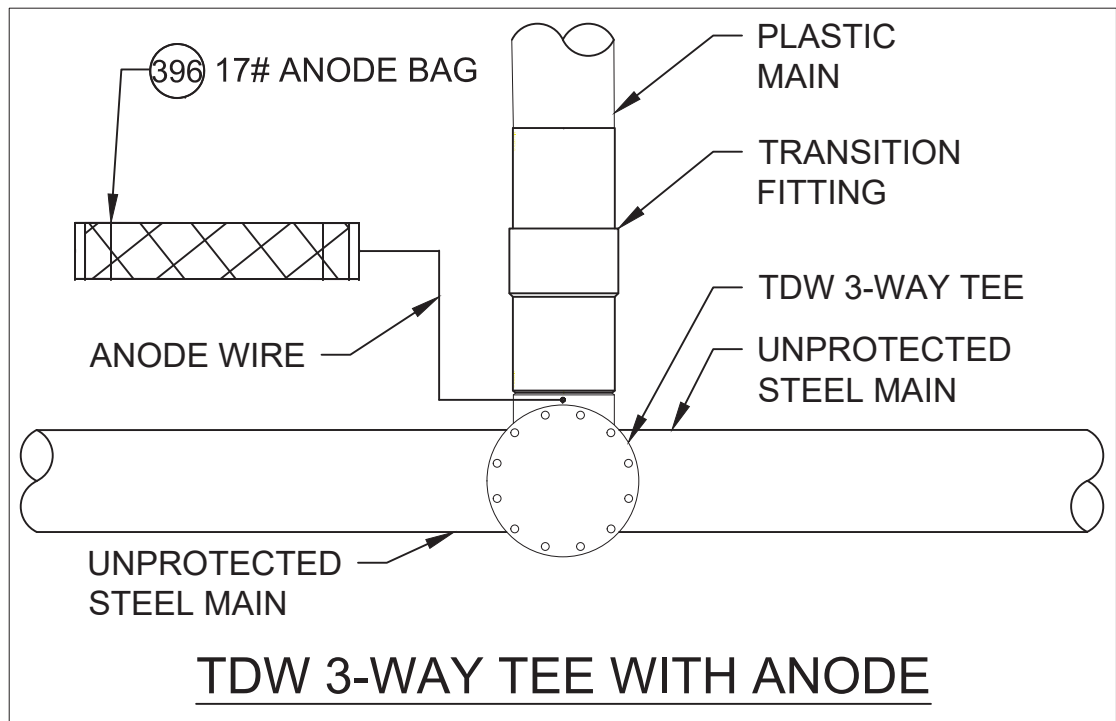
DETAIL CP6
SCALE: 1/2" = 1'-0"



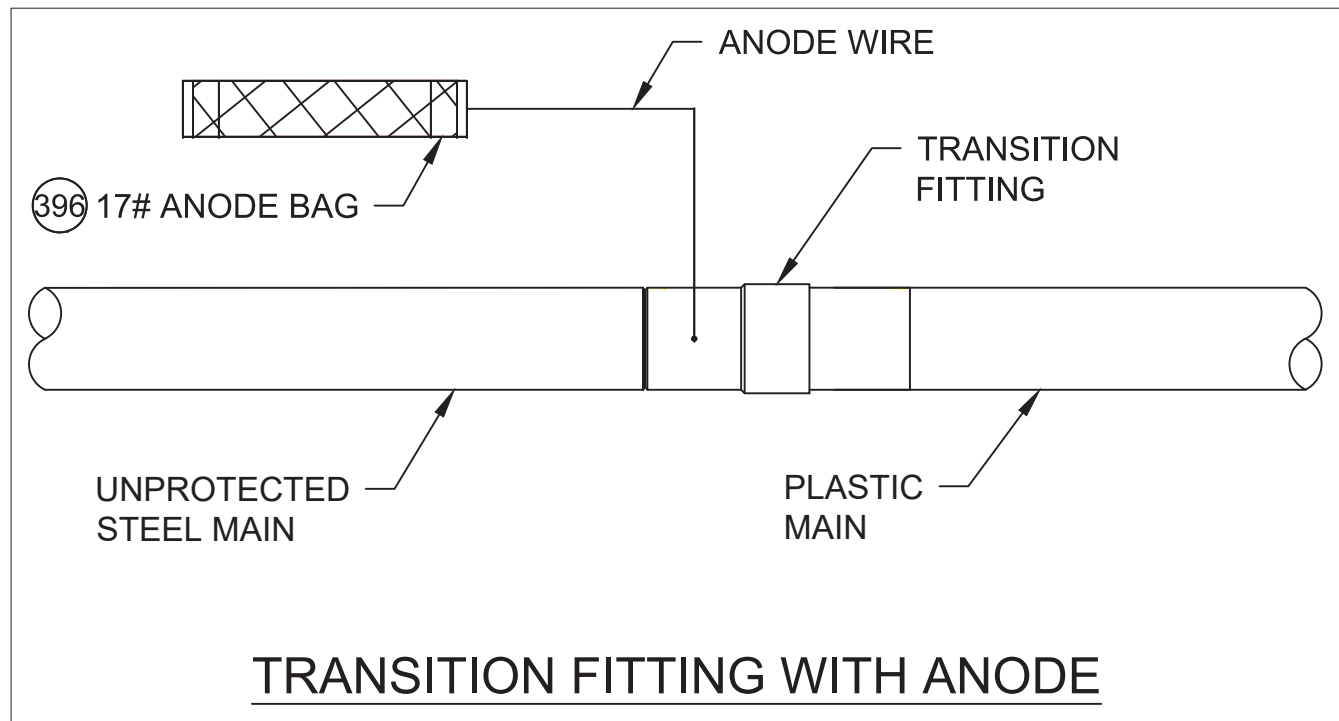
DETAIL CP7
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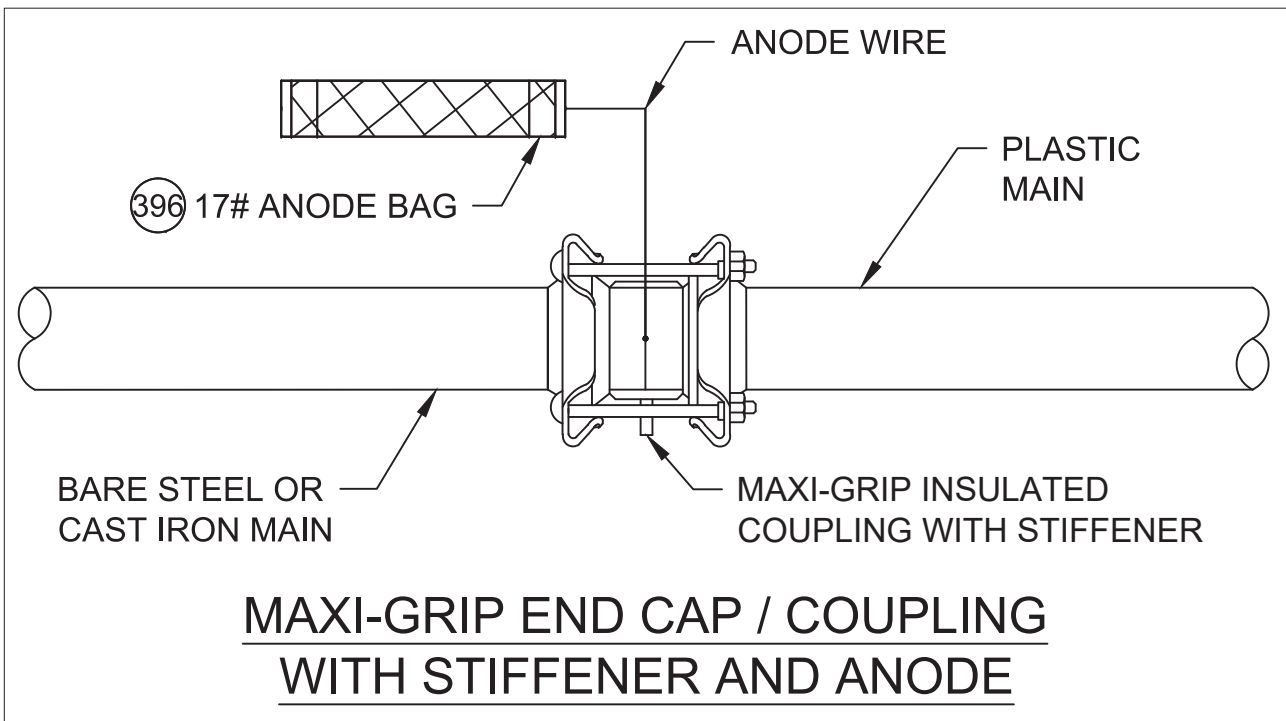
DETAIL CP8
SCALE: 1/2" = 1'-0"



DETAIL CP9
SCALE: 1/2" = 1'-0"



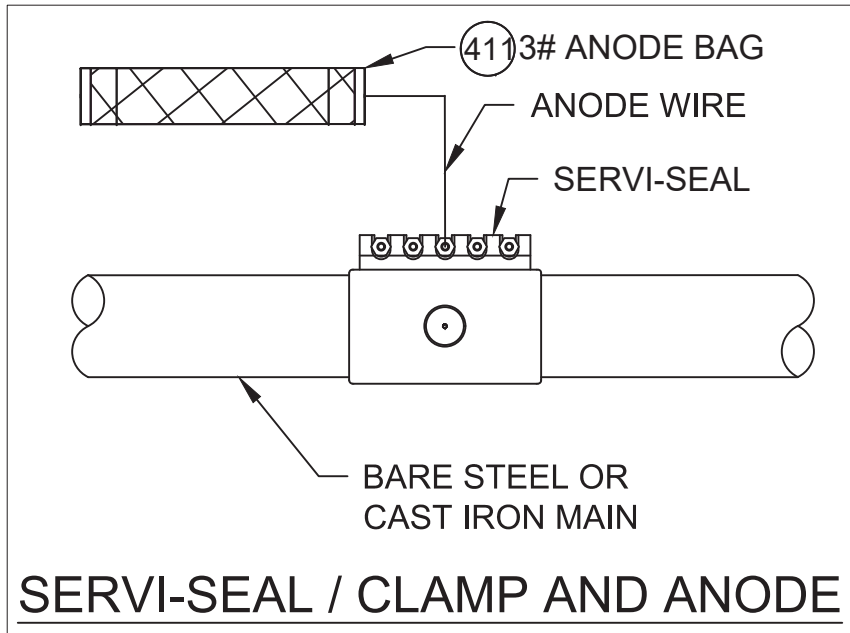
DETAIL CP10
SCALE: 1/2" = 1'-0"



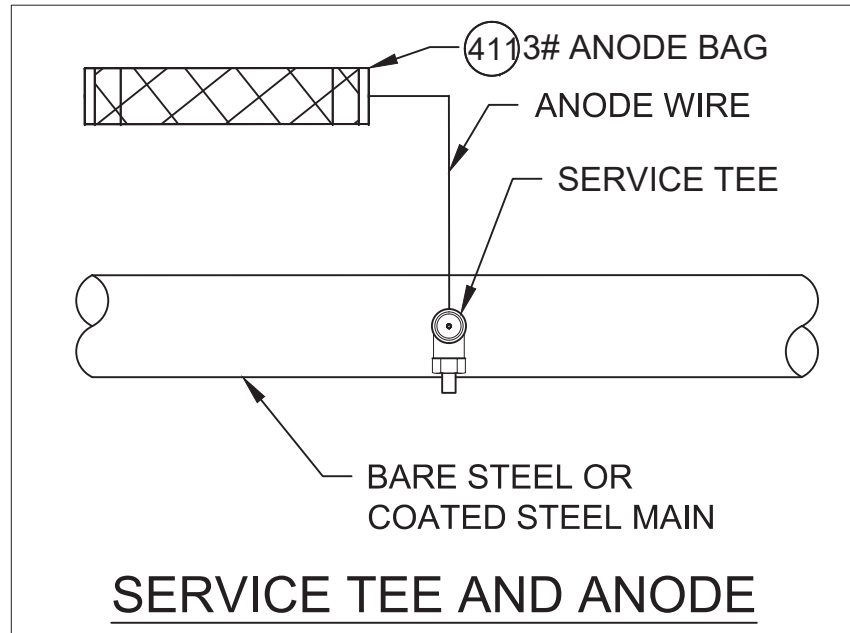
DETAIL CP11
SCALE: 1/2" = 1'-0"

CATHODIC PROTECTION BILL OF MATERIALS			
ITEM	MAXIMO NO.	DESCRIPTION	UNITS
396	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	EA
397	517626	CONNECTOR, SPLIT BOLT, 12 SOLID - 10 STRANDED, CU TO CU, HOUSING (COVER) MATE IN 590389.	EA
398	590389	HOUSING, 50 V MAX, 10 AWG MAX, FOR PROTECTING TRACER WIRE SPLICES, USED WITH CONNECTOR IN 517626. 10/BAG	EA
399	590871	BOX VALVE, TEST STATION, CP TEST #178, 10-1/4 IN DIA. LID, 8-3/8 IN I.D. 16 IN H., ASTM A48 CL 25 CAST IRON, FOR OFF-ROAD USE ONLY	EA
400	508567	POWDER, CARTRIDGE, TYPE IS F-33, ALLOY , CAP COLOR CLEAR, 15 GM CHARGE, 20/PAC, FOR STEEL PIPE	BOX
401	559168	SLEEVE,ELECTRICAL, #14 TO 10 AWG, W/ THERMITE WELDER, FOR CATHODIC PROTECTION	EA
402	584045	EDI CONCENTRIC COUPON ASSEMBLY INCLUDING UCB-ZIN-LW010, 10 FT OF CABLE	ES
403	603126	EDI CONCENTRIC COUPON ASSEMBLY INCLUDING UCB-ZIN-LW025, 25 FT OF CABLE	ES
404	603140	WIRE,ELECTRICAL, THHN, 1/C, #10 AWG, STRANDED, RED, INSULATED, CU, 500 FT SPOOL, WIRE	ROLL
405	578415	WIRE,ELECTRICAL, THHN, 1/C, #10 AWG, STRANDED, WHITE, INSULATED, CU, 500 FT SPOOL, WIRE	ROLL
406	603141	WIRE,ELECTRICAL, THHN, 1/C, #10 AWG, STRANDED, BLUE INSULATED, CU, 500 FT SPOOL, WIRE	ROLL
407	603139	WIRE,ELECTRICAL, THHN, 1/C, #10 AWG, STRANDED, BLACK, INSULATED, CU, 500 FT SPOOL,WIRE	ROLL
408	500804	WELDER,THERMITE, THERMITE, FOR GAS PIPE, #12 CABLE,HORIZONTAL STEEL PIPE 4 IN AND LARGER DIAMETER	EA
409	500805	WELDER,THERMITE, THERMITE, FOR GAS PIPE, #12 CABLE, HORIZONTAL STEEL PIPE 3/4 - 3-1/2 IN DIAMETER	EA
410	513850	CABLE, INSULATED, CATHODIC PROTECTION, 1/C, #4 AWG, 7 STR, 600 V, BLACK, HWMPE, CU, 1000 FT ROLLS	FT
411	505818	ANODE,BAG, 2.5 X 2.5 X 4.5 IN, 10 FT LG, 3 LB, MAGNESIUM, Alternate IN 577776	EA
575	508572	PRIMER, 4 GAL/CASE, BROWN, FOR WAX TAPE, APPLICATION TEMP 0 TO 230 F, TEMCOAT 3000	EA
576	503673	TAPE,WAX, 9 FT LG X 4 IN W, 24 ROLLS/CS, ABOVE AND BELOW GROUND APPLICATIONS, TR-#2A WAX, ALUMINUM	ROLL
577	603769	TRENTON-FILL POR PM-GP, 140 FA, FOR FILLING VOIDS & IRREGULAR SPACES PRIOR TO WRAPPING W/WAX TAPE, OF TO 110F APPLICATION TEMPERATURE, 6 BLOCKS/CASE,	CASE
	603423	TAPE,WAX, 9 FT LG X 6 IN W X 70-90 MIL THK, 16 ROLLS/CS, ABOVE AND BELOW GROUND APPLICATIONS, TR-#2A WAX, ALUMINUM	ROLL

- NOTES:
- ALL TEST STATION BOXES SHOULD BE INSTALLED IN A SAFE LOCATION WHERE ONE INDIVIDUAL CAN SAFELY OPEN AND ACCESS THE TEST WIRES. ALL TEST WIRES INSIDE THE BOX SHOULD HAVE ENOUGH SLACK ON THE WIRES SO THEY CAN EXTEND A MINIMUM OF 12" ABOVE GRADE.
 - FOR TYPE A TEST STATIONS, THE TWO WIRES SHOULD BE THERMITE WELDED TO THE COATED STEEL MAIN AND BE THE SAME COLOR. (COUPONS COULD BE ADDED TO THE TEST STATION TYPE).
 - FOR TYPE B TEST STATIONS, EACH OF THE FOUR WIRES SHOULD BE A DIFFERENT COLOR AND DOCUMENTED
 - FOR TYPE C TEST STATIONS, THE WIRES SHOULD BE THE SAME COLOR ON EACH SIDE OF THE INSULATED COUPLING. (ANODES AND/OR COUPONS COULD BE ADDED TO THIS TEST STATION TYPE).
 - FOR TYPE D TEST STATIONS WHICH ARE AT A CASING, WHITE WIRES ARE NORMALLY INSTALLED ON THE STEEL CASING AND BLACK WIRES ARE INSTALLED ON THE CARRIER PIPE. (ANODES AND/OR COUPONS COULD BE ADDED TO THIS TEST STATION TYPE).
 - FOR TYPE M TEST STATIONS, THE TWO WIRES THERMITE WELDED TO THE CARRIER PIPE SHOULD BE THE SAME COLOR WIRE. THERE IS ALSO MAGNESIUM ANODE(S) WIRE(S) LOCATED INSIDE THE TEST STATION BOX.THE WIRE COLOR (TYPICALLY ORANGE) FOR THE ANODES. IF THE ANODE WIRES ARE SPLICED TO A COMMON ANODE HEADER CABLE, THE ANODE HEADER CABLE SHOULD BE A (WHITE OR RED) DIFFERENT COLOR WIRE THAN THE WIRE THAT WAS THERMITE WELDED TO THE CARRIER PIPE. AT A TYPE M TEST STATION, NO MAGNESIUM ANODES SHOULD BE DIRECTLY THERMITE WELDED TO THE CARRIER PIPE OR IN CONTACT WITH THE CARRIER PIPE. THE ANODE HEADER WIRE OR INDIVIDUAL ANODE WIRES SHOULD TERMINATE INSIDE THE TEST STATION BOX. ANODES SHOULD BE SPACED A MINIMUM OF 5' ON CENTER FROM EACH OTHER AND A MINIMUM OF 12" AWAY AND BELOW THE BOTTOM OF THE STEEL MAIN.
 - IF COUPONS ARE TO BE INSTALLED , FIRST REMOVE THE PROTECTIVE LABEL COVERING THE STEEL COUPON AND THE RED STICKERS COVERING EACH SENSING PORT. CLEAN THE ENTIRE STEEL COUPON SURFACE WITH ALCOHOL TO REMOVE THE CORROSION INHIBITOR .PLACE THE COUPON ASSEMBLY APPROXIMATELY 12" FROM THE GAS MAIN BEING MONITORED WITH THE SENSING PORTS FACING THE GAS MAIN. THE COUPON ASSEMBLY SHOULD BE LOCATED ADJACENT TO THE BOTTOM PORTION OF THE GAS MAIN. ANYWHERE BETWEEN 3 O'CLOCK AND 9 O'CLOCK. THE SOIL BETWEEN THE COUPON AND THE MAIN SHOULD BE WELL COMPACTED AND CONTAIN NO ROCKS LARGER THAN A CENTIMETER IN DIAMETER OR FOREIGN MATERIAL.
 - ONE (1) 3# ANODE (MINIMUM) SHALL BE INSTALLED TO PROTECT THE CLAMPS ON EACH 10-FOOT SPAN OF PIPE. EACH 10-FOOT SPAN OF PIPE MUST BE A CONTINUOUS SECTION OF STEEL. CLAMPS ON NON-CONTINUOUS SECTIONS OF STEEL EVEN IF THEY ARE WITHIN 10 FEET OF EACH CANNOT BE PROTECTED BY THE SAME ANODE.
 - REFER TO CONSTRUCTION STANDARD CS-500 SECTION IV.G WHICH PROVIDES GENERAL GUIDANCE REGARDING "WRAPPING" FOR CORROSION PROTECTION. CS-500 SECTION IV.G.5. DESCRIBES THE BASIC STEPS REQUIRED TO WRAP LEAK REPAIR CLAMPS.



DETAIL CP12
SCALE: 1/2" = 1'-0"



DETAIL CP13
SCALE: 1/2" = 1'-0"

No.	Description	Date	Dw/Ck
Revision/Status			
EVERSOURCE ENERGY			
STANDARD CORROSION DETAILS TEMPLATE			
PROJECT # XXXXXX			
DETAILS, NOTES AND BILL OF MATERIALS			
SCALE: 1/2" = 1'-0"		SHEET 14 OF 14	
Drawn by / Date	Checked by / Date	Drawing Number	Rev. No.
JDC 02/18/22	MJG 02/18/22	MA-SPR-COR-22-048-14	0

FIELD VERIFY DIMENSIONS
PRIOR TO PIPE FABRICATION



02/22/2022

Honorable Mayor and City Council
City of Springfield
City Hall
Court Street
Springfield, MA 01103

ATTN: Mr. Anthony Wilson, City Clerk

PROJECT NAME: Melha Ave Project

Ladies & Gentlemen:

Eversource Gas of Massachusetts (EGMA) hereby requests that it be granted a location for and permission to install and replace underground gas facilities within a section of the Melha St Neighborhoods (as seen in the attached plan). Work will extend to the following streets in varying degrees/durations:

<u>Street Name</u>	<u>From</u>	<u>To</u>
Melha Ave	Carew St	Chapin Ter
Lexington St	Melha Ave	End of Road
Harlan St	Entire Road	-
Thames St	Melha Ave	Parkside St

This Project will introduce modernized natural gas facilities to the area and retire the aged low pressure natural gas infrastructure. All proposed work by EGMA will include such laterals and service connections as it may now or subsequently find necessary. This project is being done in order to eliminate low pressure mains within the Melha St neighborhood.

Sincerely,

Ryan Barnes
Project Engineer
Eversource Gas of Massachusetts
2025 Roosevelt Avenue
Springfield, MA 01104
Cell: 413-262-3563
Email: ryan.barnes@eversource.com

Attachment: Melha Ave - Springfield City Council Letter (6701 : Eversource/Gas- Melha Ave.)

CITY OF SPRINGFIELD, MASSACHUSETTS

Date: March 16, 2022

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF SPRINGFIELD:

The Board of Public Works, to which was referred the petition of the Eversource-Gas of Massachusetts, dated February 22, 2022, to retire underground medium pressure gas main steel pipe and install medium pressure PVC plastic pipe on Melha Ave., Lexington Street, Harlan Street, and Thames Street. Starting at Carew Street running westerly direction with two (4") inches pipe for approximately one thousand one hundred sixty (1,160) feet to Chapin Terrace and running northeasterly direction with (2") inches pipe on Thames Street approximately five hundred forty (540") feet from Melha Avenue and turn southeasterly direction with two (2") inches pipe on Harlan Street and continue three hundred twelve (312') feet to Lexington Street and turn northwesterly direction for seven hundred twenty-five (725') feet, all shown on a plan attached with a project name, Melha Avenue which is incorporated herein by reference and to lay and maintain underground gas main pipes for the purpose of improvements of the system, reports thereon as follows:

By virtue of Chapter 708 of the Acts of 1977 the Board of Public Works held the hearing on the above matter provided for in Section 22 of Chapter 166 of the General Laws. The hearing was held on March 16, 2022 at 3:30 P.M. at the corner of Melha Avenue and Lexington Street in Springfield, MA, after due notice from the office of the City Clerk. Two (2) members of the Board and one (1) person interested in the matter were present. Of the latter, one (1) voted in favor of and no one (0) voted against.

The Board finds the request necessary in order that the utility company can upgrade existing underground facilities in order to improve the quality of service in this area.

After careful consideration, the Board recommends the petition be granted provided:

That due care for public safety is exercised during construction including but not limited to the use of a police officer(s) for traffic control if necessary.

That said construction would not unnecessarily interfere with the movement of vehicular or pedestrian traffic in the area.

That care be taken during said construction not to damage any underground services.

Attachment: Melha Ave. Report (6701 : Eversource/Gas- Melha Ave.)

That the construction site be returned to the same condition as found or better.

Said company shall indemnify and save harmless against all damages, costs and expenses whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.

In addition said company shall, before a public way is disturbed for the laying of its wire or conduit, execute its bond in the penal sum of Ten Thousand Dollars (\$10,000) conditioned for faithful performance of its duties under this permit.

Said company shall comply with the requirements of existing Ordinances and orders and comply with any changes in Ordinances and orders as may hereafter be adopted by the Mayor and Council governing the construction and maintenance of buried cable, conduits and wires.

That any sidewalks that are damaged or removed will be replaced in kind and in accordance with the City of Springfield's Standard Specifications.

That ramps for the handicapped will be provided if and where required by law and in conformance with the Rules and Regulations of the Massachusetts Architectural Barrier Board.

That any curbing that is disturbed during construction will be reset to the established street grade using proper construction procedures.

That due care be exercised not to unnecessarily damage any public shade trees located within the construction area.

That the Springfield Water and Sewer Commission be notified before construction begins. All installations of adjacent utilities must be a minimum of 4 feet from the existing water and/or sewer main, edge to edge of pipe.

That all conditions outlined in the respective order are complied with.

John J. Fitzgerald)
Ronald A. Briggs)
Michael Briggs)

BOARD OF PUBLIC WORKS



REQUEST FOR GRANT SETUP

This form and the required attachments are required by the Office of the City Comptrollers before a Grant Fund and related accounts will be created in MUNIS. Please do not use this form for requesting a non-grant related account to be created – use the Request for New Account form instead. Please return this form and the required attachments to the Office of the City Comptrollers.

All fields are mandatory.

Date of Request	3/25/2022
Department Requesting Grant Setup	Comm Dev
Department Phone # (Please include extension)	6082
Name and Title of Person to Contact in Case of Questions	Cathy Buono

Was this Grant previously setup for a prior fiscal year?
If yes, please indicate your previous project number: 66522

If this is a new Grant, have you filled out the “Approval to apply for a grant” Form?
(Y/N) If yes, please attach a copy of the Approved Form.

Grant Type:
 State – Highway
 Federal Pass-Through DOE– School
 Federal Direct– School
 X Federal – City
 State DOE– School
 State Other – School
 State – City
 Private/Other

Grant Name: CoC Grant

Total Grant Amount Awarded: \$ 6,470,022.00

Attachment: CoC Grant - Community Development (6708 : HUD Continuum of Care Grant - No Match - \$6,470,022.00)

Is this a Reimbursable Grant?

(Y/N) yes

A Reimbursable Grant is defined as one that requires that you pay for expenses first and then you apply to the grantor for a reimbursement of the exact amount actually expended.

If it is a Reimbursable Grant, please enter Grantor contact information or the CID # if Grantor is already in the customer file:

Entity Name	US Dept of HUD
Contact Person	Samantha Graves
Street Address	10 Causeway Street
City, State, Zip Code	Boston, MA
Telephone	617-994-8353
Fax	
E-Mail	samanthagraves@hud.com

Actual Award Date 03/02/2022

Board Approval Date

Start Date 07/01/2022

Expiration Date 06/30/2023

Renewal Action Date (optional)

If there are any Matching Funds:

Type

Percent

Amount

Is there any Leverage? HUD FUNDING ONLY

Source

Amount

Comments re: Description/Purpose of Grant

The Continuum of Care (CoC) Program is designed to promote the goal of ending homelessness; provide funding to quickly rehouse homeless individuals and families while minimizing the trauma and dislocation caused to homeless individuals, families, and community by homelessness; promote access to and effect utilization of mainstream programs by homeless individuals and families; and optimize self-sufficiency amount individuals and families experiencing homelessness.

Comments re: Conditions/Restrictions of Grant

If this is a Federal Grant, enter CFDA#: 14.267

If applicable enter the State ID # :

What is the required drawdown frequency?

(Ex: Monthly, Quarterly) monthly

If payment is to be sent by Grantor as a Wire,
Please enter any wire reference/identification # that may be used (if known)

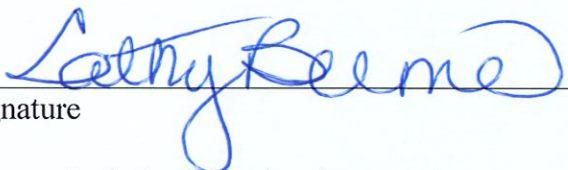
Please list all object codes needed for the grant.
(Attach additional sheets if additional orgs and roll-ups are needed):

Org Code:

Object Codes: set up same as project #66522

Budget Roll-Up Codes:

I hereby attest that under the penalties of Chapter 656, I will adhere to all regulations in this grant agreement. I am responsible for timely and accurate reimbursements in the amounts listed above.


Signature


Date

Please attach the following documents:

- ☐ Signed Approval to Apply for a Grant Form
- ☐ Grant Award Letter
- ☐ City Council/Mayor Approval
- ☐ Any other relevant documentation

This Form and all relevant attachments will be scanned and attached in the Grant Maintenance module in MUNIS and can be viewed or printed at your convenience.

Attachment: CoC Grant - Community Development (6708 : HUD Continuum of Care Grant - No Match - \$6,470,022.00)

StateCoC NameProject NameProgramAwarded Amount

HMIS Expansion FY2021	CoC	\$49,500
LCoC DV Amirah - FY2021	CoCR	\$212,154
LEO Coordinated Entry - FY2021	CoCR	\$40,614
LEO Coordinated Entry Expansion	CoC	\$55,000
Lynn Shelter Plus Care - FY2021	CoCR	\$1,158,496
Lynn Shelter Plus Care II - FY2021	CoCR	\$344,750
Lynn Shelter PSH - FY2021	CoCR	\$65,096

MA-502 Total :	\$2,581,131
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MA-503 - Cape Cod Islands CoC

Cape Cod Supported Housing	CoCR	\$311,337
Cape Homes V	CoCR	\$547,803
Cape Homes V Expansion	CoC	\$103,064
Empowered Survivors	CoC	\$150,648
Fresh Start	CoCR	\$229,914
Housing First	CoCR	\$182,594
MA-503 Coordinated Entry System FY21	CoCR	\$85,292
MA-503 HMIS FY2021	CoCR	\$67,356
MA-503 HMIS FY2021 Expansion	CoC	\$45,000
MA-503 Planning Project Application FY21	CoC	\$61,176
Mainstay	CoCR	\$95,230
Parkway House	CoCR	\$98,758
Welcome Home 6 Renewal 2021	CoCR	\$174,403
Youth Supportive Housing	CoCR	\$134,971

MA-503 Total :	\$2,287,546
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MA-504 - Springfield/Hampden County CoC

Catholic Charities RRH3	CoCR	\$402,575
CHD Family PSH	CoCR	\$589,259

Attachment: CoC Grant - Community Development (6708 : HUD Continuum of Care Grant - No Match - \$6,470,022.00)

StateCoC NameProject NameProgramAwarded Amount

CoC Planning Project	CoC	\$161,546
CSO-FOH Coordinated Assessment	CoCR	\$243,000
CSO-FOH PSH	CoCR	\$251,329
DV Coordinated Entry	CoCR	\$230,263
Gandara SHINE RRH	CoCR	\$381,340
HMIS	CoCR	\$61,992
MHA Chestnut Street	CoC	\$119,790
MHA CoC PSH	CoCR	\$777,211
RVCC CoC Program	CoCR	\$324,797
UFA Costs Project	CoC	\$161,546
Viability Next Step	CoCR	\$538,673
VOC Family Supportive Housing	CoCR	\$133,367
VOC Family Supportive Housing Expansion	CoC	\$77,761
Way Finders Turning Point	CoCR	\$67,809
YHDP CHD RRH	CoC	\$571,268
YHDP Coordinated Entry and Navigation - Replacement	CoC	\$293,319
YHDP Gandara TH-RRH	CoC	\$225,318
YHDP MHA PSH	CoC	\$147,982
YWCA-Alianza TH-RRH	CoC	\$709,877

MA-504 Total :	\$6,470,022
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MA-505 - New Bedford CoC

City of New Bedford HMIS Project 2.0	CoCR	\$74,524
Family Preservation Program	CoCR	\$321,737
Family Preservation Program (Expansion)	CoC	\$89,971
MA-505 CoC Planning Application FY 2021	CoC	\$71,397
Portico	CoCR	\$725,211
Prism	CoCR	\$132,155

Attachment: CoC Grant - Community Development (6708 : HUD Continuum of Care Grant - No Match - \$6,470,022.00)

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FOR RELEASE

Monday

March 14, 2022

HUD ANNOUNCES \$2.6 BILLION IN AWARDS TO HELP PEOPLE EXPERIENCING HOMELESSNESS
The awards include approximately 7,000 renewed and new grants that will promote a community-wide commitment to the goal of ending homelessness.

WASHINGTON, D.C. - The U.S. Department of Housing and Urban Development (HUD) today announced over \$2.6 billion in FY 2021 Continuum of Care (CoC) Competition Awards for roughly 7,000 local homeless housing and service programs across the United States. The awards, announced by Secretary Marcia L. Fudge in Houston, Texas, will provide funding to communities to help individuals and families experiencing homelessness move into permanent housing with access to supportive services, with the overarching goal of long-term stability.

"Access to stable housing is a basic necessity – the safety of a home is essential, especially as we continue to fight the COVID-19 virus," **said HUD Secretary Marcia L. Fudge.** "These Continuum of Care program grants, coupled with the historic resources in the American Rescue Plan, will deliver communities the resources needed to ensure that every person in a respective community has the equitable opportunity to a safe and stable home."

The CoC program is designed to promote a community-wide commitment to the goal of ending homelessness. The program is the largest source of federal grant funding for homeless services and housing programs servicing people experiencing homelessness. The 2021 awards include approximately \$102 million for new domestic violence support projects. The awards also fund new projects that focus on adding permanent housing to communities including new permanent supportive housing, new rapid rehousing, and projects that provide transitional housing to households and then shift them to rapid rehousing.

On August 18, 2021, HUD issued the Notice of Funding Opportunity (NOFO) for the FY 2021 CoC competition awards. The NOFO was the first CoC Program NOFO of the Biden-Harris Administration and reflects the Administration's commitment to equity and evidence-based solutions to address homelessness. Additionally, for the first time, the NOFO invited Indian Tribes and Tribally Designated Housing entities (TDHE) to apply for grants through the CoC program. Specifically, HUD sought projects that:

- End homelessness for all persons experiencing homelessness;
- Use a Housing First approach;
- Reduce unsheltered homelessness and reduce the criminalization of homelessness;
- Improve system performance;
- Partner with housing and health agencies, including to leverage and coordinate American Rescue Plan resources;
- Advance racial equity and addressing racial disparities in homelessness; and
- Engage people with lived experience of homelessness in decision-making.

View a breakdown of the awards on the HUD website
(/program_offices/comm_planning/coc/fy21-coc-program-competition).

2021 Continuum of Care Program Grants		
State	Number of Projects	Award Amount
Alabama	51	\$18,385,792
Alaska	29	\$4,738,933
Arizona	85	\$52,261,398
Arkansas	20	\$4,205,117
California	806	\$509,205,144
Colorado	56	\$36,679,281
Connecticut	138	\$63,494,682



REQUEST FOR GRANT SETUP

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All fields are mandatory.

Date of Request	3/25/2022
Department Requesting Grant Setup	Comm Dev
Department Phone # (Please include extension)	6082
Name and Title of Person to Contact in Case of Questions	Cathy Buono

Was this Grant previously setup for a prior fiscal year?
If yes, please indicate your previous project number: 89292

If this is a new Grant, have you filled out the “Approval to apply for a grant” Form?
(Y/N) If yes, please attach a copy of the Approved Form.

Grant Type:

	State – Highway
	Federal Pass-Through DOE– School
	Federal Direct– School
	Federal – City
	State DOE– School
	State Other – School
X	State – City
	Private/Other

Grant Name: EOHHS

Total Grant Amount Awarded: **Increase** \$1,763,178.00 for amended total of \$2,399,767.00

Is this a Reimbursable Grant?

(Y/N) yes

A Reimbursable Grant is defined as one that requires that you pay for expenses first and then you apply to the grantor for a reimbursement of the exact amount actually expended.

If it is a Reimbursable Grant, please enter Grantor contact information or the CID # if Grantor is already in the customer file:

Entity Name	Commonwealth of MA - EOHHS
Contact Person	Linn Torto
Street Address	One Ashburton Place
City, State, Zip Code	Boston, MA
Telephone	617-573-1600
Fax	
E-Mail	linn.torto@mass.gov

Actual Award Date 3/20/2022

Board Approval Date

Start Date 07/01/2021

Expiration Date 6/30/2024

Renewal Action Date (optional)

If there are any Matching Funds:

Type

Percent

Amount

Is there any Leverage? HUD FUNDING ONLY

Source

Amount

Comments re: Description/Purpose of Grant

Funding for Homeless Youth Programs for youth between the ages of 18-24 in Hampden.

Comments re: Conditions/Restrictions of Grant

If this is a Federal Grant, enter CFDA#:

If applicable enter the State ID # :

What is the required drawdown frequency?

(Ex: Monthly, Quarterly) quarterly

If payment is to be sent by Grantor as a Wire,

Please enter any wire reference/identification # that may be used (if known)

Please list all object codes needed for the grant.
(Attach additional sheets if additional orgs and roll-ups are needed):

Org Code: This is an amendment – project already set up #89292

Object Codes:

Budget Roll-Up Codes:

I hereby attest that under the penalties of Chapter 656, I will adhere to all regulations in this grant agreement. I am responsible for timely and accurate reimbursements in the amounts listed above.



Signature



Date

Please attach the following documents:

- ☐ Signed Approval to Apply for a Grant Form
- ☐ Grant Award Letter
- ☐ City Council/Mayor Approval
- ☐ Any other relevant documentation

This Form and all relevant attachments will be scanned and attached in the Grant Maintenance module in MUNIS and can be viewed or printed at your convenience.

From: Scott, Deborah R (EHS) <deborah.r.scott@state.ma.us>

Sent: Wednesday, March 16, 2022 4:57 PM

To: McCafferty, Geraldine <GMcCafferty@springfieldcityhall.com>; Wong, Lisa (EHS) <lisa.d.wong@state.ma.us>

Cc: Colon, Lucy (EHS) <lucy.colon@state.ma.us>; Colegrove, Alice (EHS) <alice.colegrove@state.ma.us>; ayala.livny.consulting@gmail.com; Torto, Linn (EHS) <linn.torto@state.ma.us>

Subject: [External] RE: [External] FOR SIGNATURE: CITY OF SPRINGFIELD AMENDMENT 6 TO HOMELESS YOUTH SERVICES GRANT AGREEMENT

Hi Gerry,

Here is the breakdown of your amendment:

FY22 Amendment (for Transition- Age Youth Project)	FY23	FY24	Amendment Total
50,000	656,589	656,589	1,363,178

+ \$ 400,000.00 =

Alice or Ayala could answer any other questions you may have.

1,763,178.00

Thank you.

FY22 450,000.00

Deborah

Deborah Scott
she/her/hers
Assistant Director
Office of Children, Youth and Families
Executive Office of Health and Human Services
617-721-1264
Deborah.R.Scott@mass.gov

Buono, Cathy

From: McCafferty, Geraldine
Sent: Thursday, March 24, 2022 11:07 AM
To: Buono, Cathy
Subject: Fwd: [External]

Sent from my iPhone

Begin forwarded message:

From: "Colegrove, Alice (EHS)" <alice.colegrove@state.ma.us>
Date: March 24, 2022 at 11:05:52 AM EDT
To: "McCafferty, Geraldine" <GMcCafferty@springfieldcityhall.com>
Cc: "Torto, Linn (EHS)" <linn.torto@state.ma.us>
Subject: [External]

Gerry,

I am pleased to inform you that the Executive Office of Health and Human Services has awarded the City of Springfield, on behalf of the Springfield-Hampden County Continuum of Care, an **increase of \$400,000 in its Homeless Youth Grant for the current year**. The additional funds are to be used for capital costs associated with the Valley Opportunity Council project at 26-32 Center Street, Chicopee, MA.

Thank you for your continued and excellent efforts to prevent and end youth homelessness in Springfield and Hampden County.

-Alice

Dr. Alice Colegrove (she/her)
 Senior Consultant
 MA Unaccompanied Homeless Youth Commission
 MA State Plan to End Youth Homelessness
 Executive Office of Health and Human Services
 One Ashburton Place, 11th floor, Boston, MA 02108

Finding & Implementing Solutions to Prevent & End Youth Homelessness

Email correspondence to/ from this address is subject to the Massachusetts Public Records Law and may be disclosed to third parties. This message may contain confidential and privileged information. If you are not the intended recipient of this email, please notify me immediately by return email and do not copy, use, or disseminate information.

CAUTION: This email originated outside our organization; please use caution.

Attachment: Homeless Youth Grant Amendment - Community Dev (6710 : EOHHS Youth Homelessness Grant Increase - \$1,763,178.00 - No



COMMONWEALTH OF MASSACHUSETTS ~ STANDARD CONTRACT FORM

This form is jointly issued and published by the Office of the Comptroller (CTR), the Executive Office for Administration and Finance (ANF), and the Operational Services Division (OSD) as the default contract for all Commonwealth Departments when another form is not prescribed by regulation or policy. The Commonwealth deems void any changes made on or by attachment (in the form of addendum, engagement letters, contract forms or invoice terms) to the terms in this published form or to the [Standard Contract Form Instructions and Contractor Certifications](#), the [Commonwealth Terms and Conditions for Human and Social Services](#) or the [Commonwealth IT Terms and Conditions](#) which are incorporated by reference herein. Additional non-conflicting terms may be added by Attachment. Contractors are required to access published forms at CTR Forms: <https://www.macomptroller.org/forms>. Forms are also posted at OSD Forms: <https://www.mass.gov/lists/osd-forms>.

CONTRACTOR LEGAL NAME: City of Springfield (and d/b/a):		COMMONWEALTH DEPARTMENT NAME: Executive Office of Health & Human Services MMARS Department Code: EHS	
Legal Address: (W-9, W-4): 36 Court Street, Springfield, MA 01103		Business Mailing Address: One Ashburton Place, 11 th Floor, Boston, MA 02108	
Contract Manager: Geraldine McCafferty	Phone: 413-787-6500	Billing Address (if different):	
E-Mail: gmccafferty@springfieldcityhall.com	Fax: 413-787-6515	Contract Manager: Linn Torto	Phone: 617-573-1600
Contractor Vendor Code: VC6000192140		E-Mail: Linn.torto@mass.gov	Fax:
Vendor Code Address ID (e.g. "AD001"): AD001 (Note: The Address ID must be set up for EFT payments.)		MMARS Doc ID(s): CT EHS 19EHS247SPRINGFIELCB	
		RFR/Procurement or Other ID Number: 19CBEHSHOMELESSYOUTHGRANT	
<u> </u> NEW CONTRACT PROCUREMENT OR EXCEPTION TYPE: (Check one option only) <u> </u> Statewide Contract (OSD or an OSD-designated Department) <u> </u> Collective Purchase (Attach OSD approval, scope, budget) <u> </u> Department Procurement (includes all Grants - 815 CMR 2.00) (Solicitation Notice or RFR, and Response or other procurement supporting documentation) <u> </u> Emergency Contract (Attach justification for emergency, scope, budget) <u> </u> Contract Employee (Attach Employment Status Form, scope, budget) <u> </u> Other Procurement Exception (Attach authorizing language, legislation with specific exemption or earmark, and exception justification, scope and budget)		<u> X </u> CONTRACT AMENDMENT Enter Current Contract End Date <u>Prior</u> to Amendment: <u>June 30, 2022</u>. Enter Amendment Amount: <u>\$ 1,363,178</u> (or "no change") AMENDMENT TYPE: (Check one option only. Attach details of amendment changes.) <u> X </u> Amendment to Date, Scope or Budget (Attach updated scope and budget) <u> </u> Interim Contract (Attach justification for Interim Contract and updated scope/budget) <u> </u> Contract Employee (Attach any updates to scope or budget) <u> </u> Other Procurement Exception (Attach authorizing language/justification and updated scope and budget)	
The Standard Contract Form Instructions and Contractor Certifications and the following Commonwealth Terms and Conditions document are incorporated by reference into this Contract and are legally binding: (Check ONE option): <u> X </u> Commonwealth Terms and Conditions <u> </u> Commonwealth Terms and Conditions For Human and Social Services <u> </u> Commonwealth IT Terms and Conditions			
COMPENSATION: (Check ONE option): The Department certifies that payments for authorized performance accepted in accordance with the terms of this Contract will be supported in the state accounting system by sufficient appropriations or other non-appropriated funds, subject to intercept for Commonwealth owed debts under 815 CMR 9.00 . <u> </u> Rate Contract. (No Maximum Obligation) Attach details of all rates, units, calculations, conditions or terms and any changes if rates or terms are being amended.) <u> X </u> Maximum Obligation Contract. Enter total maximum obligation for total duration of this contract (or <u>new</u> total if Contract is being amended). \$ <u>3,438,034.00</u> .			
PROMPT PAYMENT DISCOUNTS (PPD): Commonwealth payments are issued through EFT 45 days from invoice receipt. Contractors requesting accelerated payments must identify a PPD as follows: Payment issued within 10 days <u> </u> % PPD; Payment issued within 15 days <u> </u> % PPD; Payment issued within 20 days <u> </u> % PPD; Payment issued within 30 days <u> </u> % PPD. If PPD percentages are left blank, identify reason: <u> X </u> agree to standard 45 day cycle <u> </u> statutory/legal or Ready Payments (M.G.L. c. 29, § 23A); <u> </u> only initial payment (subsequent payments scheduled to support standard EFT 45 day payment cycle. See Prompt Pay Discounts Policy.)			
BRIEF DESCRIPTION OF CONTRACT PERFORMANCE or REASON FOR AMENDMENT: (Enter the Contract title, purpose, fiscal year(s) and a detailed description of the scope of performance or what is being amended for a Contract Amendment. Attach all supporting documentation and justifications.) Amendment 6 extends the term of the Contract through June 30, 2024 and increases the maximum obligation.			
ANTICIPATED START DATE: (Complete ONE option only) The Department and Contractor certify for this Contract, or Contract Amendment, that Contract obligations: <u> X </u> 1. may be incurred as of the Effective Date (latest signature date below) and <u>no</u> obligations have been incurred <u>prior</u> to the Effective Date. <u> </u> 2. may be incurred as of <u> </u> , 20 <u> </u> , a date <u>LATER</u> than the Effective Date below and <u>no</u> obligations have been incurred <u>prior</u> to the Effective Date. <u> </u> 3. were incurred as of <u> </u> , 20 <u> </u> , a date <u>PRIOR</u> to the Effective Date below, and the parties agree that payments for any obligations incurred prior to the Effective Date are authorized to be made either as settlement payments or as authorized reimbursement payments, and that the details and circumstances of all obligations under this Contract are attached and incorporated into this Contract. Acceptance of payments forever releases the Commonwealth from further claims related to these obligations.			
CONTRACT END DATE: Contract performance shall terminate as of <u>June 30, 2024</u> , with no new obligations being incurred after this date unless the Contract is properly amended, provided that the terms of this Contract and performance expectations and obligations shall survive its termination for the purpose of resolving any claim or dispute, for completing any negotiated terms and warranties, to allow any close out or transition performance, reporting, invoicing or final payments, or during any lapse between amendments.			
CERTIFICATIONS: Notwithstanding verbal or other representations by the parties, the "Effective Date" of this Contract or Amendment shall be the latest date that this Contract or Amendment has been executed by an authorized signatory of the Contractor, the Department, or a later Contract or Amendment Start Date specified above, subject to any required approvals. The Contractor certifies that they have accessed and reviewed all documents incorporated by reference as electronically published and the Contractor makes all certifications required under the Standard Contract Form Instructions and Contractor Certifications under the pains and penalties of perjury, and further agrees to provide any required documentation upon request to support compliance, and agrees that all terms governing performance of this Contract and doing business in Massachusetts are attached or incorporated by reference herein according to the following hierarchy of document precedence, the applicable Commonwealth Terms and Conditions, this Standard Contract Form, the Standard Contract Form Instructions and Contractor Certifications, the Request for Response (RFR) or other solicitation, the Contractor's Response (excluding any language stricken by a Department as unacceptable, and additional negotiated terms, provided that additional negotiated terms will take precedence over the relevant terms in the RFR and the Contractor's Response only if made using the process outlined in 801 CMR 21.07 , incorporated herein, provided that any amended RFR or Response terms result in best value, lower costs, or a more cost effective Contract.			
AUTHORIZING SIGNATURE FOR THE CONTRACTOR:		AUTHORIZING SIGNATURE FOR THE COMMONWEALTH:	
X: _____ Date: _____ (Signature and Date Must Be Captured At Time of Signature)		X: _____ Date: _____ (Signature and Date Must Be Captured At Time of Signature)	
Print Name: _____		Print Name: <u>Katherine Harvell Haney</u>	
Print Title: _____		Print Title: <u>Chief Financial Officer</u>	

**AMENDMENT 6 TO THE
GRANT AGREEMENT
BY AND BETWEEN
THE EXECUTIVE OFFICE OF HEALTH AND HUMAN SERVICES
AND
CITY OF SPRINGFIELD
FOR
HOMELESS YOUTH SERVICES
IN
REGION 2**

WHEREAS, the Commonwealth of Massachusetts Executive Office of Health and Human Services (EOHHS) and City of Springfield (Grantee) entered into the Grant Agreement effective November 20, 2018; and amended effective January 14, 2020 (Amendment 1); April 30, (Amendment 2); July 27, 2020 (Amendment 3); June 1, 2021 (Amendment 4); and September 24, 2021 (Amendment 5); and

WHEREAS, in accordance with Line Item 4000-0007 of Chapter 227 of the Acts of 2020 and **Section 5.15** of the Grant Agreement, EOHHS wishes to extend the Grant Agreement term and increase the maximum obligation of the Grant Agreement.

NOW, THEREFORE, in consideration of their mutual undertakings, EOHHS and the Grantee agree to amend the Grant Agreement as follows:

1. **Section 5.1 Grant Term** is hereby deleted in its entirety and replaced with the following new **Section 5.1**:

“Section 5.1 Grant Term

The Grant shall commence upon execution by the parties and end on June 30, 2024, subject to (1) the Grantee’s satisfactory performance, as determined by EOHHS, of all duties and obligations under this Grant, and (2) any termination provisions set forth in the Grant, provided however, that EOHHS may terminate the Grant immediately if EOHHS does not secure sufficient funding for any fiscal year during the grant term. Contingent on obtaining available funding, the Grant may be extended through June 30, 2028, in increments determined by EOHHS and upon terms agreed to by the parties. EOHHS may also extend the Grant for any reasonable time period it determines necessary to complete a subsequent grant selection process.”

All provisions of the Grant Agreement shall remain in full force and effect. The Grant Agreement, as amended hereby, is hereby ratified and confirmed in its entirety by the Parties. By signing the attached Standard Contract Form, the Parties agree to this Amendment 6.

This form is jointly issued and published by the Office of the Comptroller (CTR), the Executive Office for Administration and Finance (ANF), and the Operational Services Division (OSD) as the default contract for all Commonwealth Departments when another form is not prescribed by regulation or policy. The Commonwealth deems void any changes made on or by attachment (in the form of addendum, engagement letters, contract forms or invoice terms) to the terms in this published form or to the [Standard Contract Form Instructions](#), [Contractor Certifications](#) and [Commonwealth Terms and Conditions](#) which are incorporated by reference herein. Additional non-conflicting terms may be added by Attachment. Contractors are required to access published forms at CTR Forms: <https://www.mass.gov/lists/osd-forms>. Forms are also posted at OSD Forms: <https://www.mass.gov/lists/osd-forms>.

Attachment: SHINE FY22 - Amendment (6707 : FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73)



REQUEST FOR GRANT SETUP

This form and the required attachments are required by the Office of the City Comptrollers before a Grant Fund and related accounts will be created in MUNIS. Please do not use this form for requesting a non-grant related account to be created – use the Request for New Account form instead. Please return this form and the required attachments to the Office of the City Comptrollers.

All fields are mandatory.

Date of Request

3/21/2022

Department Requesting Grant Setup

DEA

Department Phone # (Please include extension)

886-5223-5223

Name and Title of Person to Contact in Case of Questions

Carol K. Gasque

Was this Grant previously setup for a prior fiscal year? **YES**

If yes, please indicate your previous project number: **82322**

If this is a new Grant, have you filled out the “Approval to apply for a grant” Form?
(Y/N) **N** If yes, please attach a copy of the Approved Form.

Grant Type:

State – Highway

Federal Pass-Through DOE– School

Federal Direct– School

Federal – City

State DOE– School

State Other – School

State – City

Private/Other

Grant Name: **SHINE –Amendment - FY22**

Total Grant Amount Awarded: **\$79,163.73**

Is this a Reimbursable Grant?

(Y/N) **YES**

Attachment: SHINE-FY22 Amendment... (6707 : FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73)

A Reimbursable Grant is defined as one that requires that you pay for expenses first and then you apply to the grantor for a reimbursement of the exact amount actually expended.

If it is a Reimbursable Grant, please enter Grantor contact information or the CID # if Grantor is already in the customer file:

Entity: **SHINE**
 Street Address : 1 Ashburton Place –Room 517
 City, State, Zip Code: Boston, MA 02108
 Telephone: 1-617-222-7427
 Fax 1-617-727-9368
 E-Mail: **neil.petrocelli@state.ma.us**

Actual Award Date **3/4/2022**
 Board Approval Date
 Start Date **3/4/2022**
 Expiration Date **6/30/2022**
 Renewal Action Date (optional)
 If there are any Matching Funds: **no**

Type
 Percent
 Amount

Is there any Leverage?

Source
 Amount

Comments re: Description/Purpose of Grant

Comments re: Conditions/Restrictions of Grant
 Per attachment to contract -Scope of Services

If this is a Federal Grant, enter CFDA#:

If applicable enter the State ID # :

What is the required drawdown frequency?

(Ex: Monthly, Quarterly)

If payment is to be sent by Grantor as a Wire,

Please enter any wire reference/identification # that may be used (if known)

Please list all object codes needed for the grant.

(Attach additional sheets if additional orgs and roll-ups are needed):

Attachment: SHINE-FY22 Amendment... (6707 : FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73)

Org Code: 28235404 (Amendment)

Office Supplies	7,000.00
Other/Program Supplies	36,555.00
Advertising/Printing	20,000.00
Counselor/Contract	<u>6,050.00</u>
	\$69,605.00

I hereby attest that under the penalties of Chapter 656, I will adhere to all regulations in this grant agreement. I am responsible for timely and accurate reimbursements in the amounts listed above.



Signature



Date

Please attach the following documents:

- ☐ Signed Approval to Apply for a Grant Form
- ☐ Grant Award Letter
- ☐ City Council/Mayor Approval
- ☐ Any other relevant documentation

This Form and all relevant attachments will be scanned and attached in the Grant Maintenance module in MUNIS and can be viewed or printed at your convenience.

COMMONWEALTH OF MASSACHUSETTS ~ STANDARD CONTRACT FORM



This form is jointly issued and published by the Office of the Comptroller (CTR), the Executive Office for Administration and Finance (ANF), and the Operational Services Division (OSD) as the default contract for all Commonwealth Departments when another form is not prescribed by regulation or policy. The Commonwealth deems void any changes made on or by attachment (in the form of addendum, engagement letters, contract forms or invoice terms) to the terms in this published form or to the [Standard Contract Form Instructions](#), [Contractor Certifications](#) and [Commonwealth Terms and Conditions](#) which are incorporated by reference herein. Additional non-conflicting terms may be added by Attachment. Contractors are required to access published forms at CTR Forms: <https://www.macomptroller.org/forms>. Forms are also posted at OSD Forms: <https://www.mass.gov/lists/osd-forms>.

CONTRACTOR LEGAL NAME: : City of Springfield (Dept. of Elder Affairs (and d/b/a):		COMMONWEALTH DEPARTMENT NAME: Executive Office of Elder Affairs MMARS Department Code: ELD	
Legal Address: (W-9, W-4): 36 Court St., Springfield, MA 01103-1699		Business Mailing Address: 1 Ashburton Place Room 517, Boston, MA. 02108	
Contract Manager: Alicia Germain	Phone: 1-413 750-2654	Billing Address (if different):	
E-Mail : agermain@springfieldcityhall.com	Fax: 1-413-750-2694	Contract Manager: Neil Petrocelli	Phone: 1-617-222-7427
Contractor Vendor Code: VC6000192140		E-Mail: neil.petrocelli@state.ma.us	Fax: 1-617-727-9368
Vendor Code Address ID (e.g. "AD001"): AD001 (Note: The Address ID must be set up for EFT payments.)		MMARS Doc ID(s): CT ELD 0364SHINEEARMARK22SPRING	
		RFR/Procurement or Other ID Number: LEGISLATIVE EXEMPT	
☒ NEW CONTRACT PROCUREMENT OR EXCEPTION TYPE: (Check one option only) ☐ Statewide Contract (OSD or an OSD-designated Department) ☐ Collective Purchase (Attach OSD approval, scope, budget) ☐ Department Procurement (includes all Grants - 815 CMR 2.00) (Solicitation Notice or RFR, and Response or other procurement supporting documentation) ☐ Emergency Contract (Attach justification for emergency, scope, budget) ☐ Contract Employee (Attach Employment Status Form , scope, budget) ☒ Other Procurement Exception (Attach authorizing language, legislation with specific exemption or earmark, and exception justification, scope and budget) LEGISLATIVE EXEMPT		☐ CONTRACT AMENDMENT Enter Current Contract End Date <u>Prior</u> to Amendment. Enter Amendment Amount: \$ _____. (or "no change") AMENDMENT TYPE: (Check one option only. Attach details of amendment changes.) ☒ Amendment to Date, Scope or Budget (Attach updated scope and budget) ☐ Interim Contract (Attach justification for Interim Contract and updated scope/budget) ☐ Contract Employee (Attach any updates to scope or budget) ☐ Other Procurement Exception (Attach authorizing language/justification and updated scope and budget)	
The Standard Contract Form Instructions and Contractor Certifications and the following Commonwealth Terms and Conditions document are incorporated by reference into this Contract and are legally binding: (Check ONE option): ☐ Commonwealth Terms and Conditions ☐ Commonwealth Terms and Conditions For Human and Social Services ☐ Commonwealth IT Terms and Conditions			
COMPENSATION: (Check ONE option): The Department certifies that payments for authorized performance accepted in accordance with the terms of this Contract will be supported in the state accounting system by sufficient appropriations or other non-appropriated funds, subject to intercept for Commonwealth owed debts under 815 CMR 9.00 . ☐ Rate Contract. (No Maximum Obligation) Attach details of all rates, units, calculations, conditions or terms and any changes if rates or terms are being amended.) ☒ Maximum Obligation Contract. Enter total maximum obligation for total duration of this contract (or new total if Contract is being amended). \$ 79,163.73			
PROMPT PAYMENT DISCOUNTS (PPD): Commonwealth payments are issued through EFT 45 days from invoice receipt. Contractors requesting accelerated payments must identify a PPD as follows: Payment issued within 10 days ☐ % PPD; Payment issued within 15 days ☐ % PPD; Payment issued within 20 days ☐ % PPD; Payment issued within 30 days ☐ % PPD. If PPD percentages are left blank, identify reason: ☒ agree to standard 45 day cycle ☐ statutory/legal or Ready Payments (M.G.L. c. 29, § 23A); ☐ only initial payment (subsequent payments scheduled to support standard EFT 45 day payment cycle. See Prompt Pay Discounts Policy.)			
BRIEF DESCRIPTION OF CONTRACT PERFORMANCE OR REASON FOR AMENDMENT: (Enter the Contract title, purpose, fiscal year(s) and a detailed description of the scope of performance or what is being amended for a Contract Amendment. Attach all supporting documentation and justifications.) CONTRACT IS TO FUND THE SERVICES NOTED IN THE ATTACHED SCOPE OF SERVICES. SERVICES ARE TO BE PROVIDED IN COMPLIANCE WITH THE TERMS AND CONDITIONS SET FORTH IN THE SCOPE OF SERVICES.			
ANTICIPATED START DATE: (Complete ONE option only) The Department and Contractor certify for this Contract, or Contract Amendment, that Contract obligations: ☒ 1. may be incurred as of the Effective Date (latest signature date below) and no obligations have been incurred prior to the Effective Date. ☐ 2. may be incurred as of _____, a date LATER than the Effective Date below and no obligations have been incurred prior to the Effective Date. ☐ 3. were incurred as of _____, a date PRIOR to the Effective Date below, and the parties agree that payments for any obligations incurred prior to the Effective Date are authorized to be made either as settlement payments or as authorized reimbursement payments, and that the details and circumstances of all obligations under this Contract are attached and incorporated into this Contract. Acceptance of payments forever releases the Commonwealth from further claims related to these obligations.			
CONTRACT END DATE: Contract performance shall terminate as of <u>June 30, 2022</u> , with no new obligations being incurred after this date unless the Contract is properly amended, provided that the terms of this Contract and performance expectations and obligations shall survive its termination for the purpose of resolving any claim or dispute, for completing any negotiated terms and warranties, to allow any close out or transition performance, reporting, invoicing or final payments, or during any lapse between amendments.			
CERTIFICATIONS: Notwithstanding verbal or other representations by the parties, the "Effective Date" of this Contract or Amendment shall be the latest date that this Contract or Amendment has been executed by an authorized signatory of the Contractor, the Department, or a later Contract or Amendment Start Date specified above, subject to any required approvals. The Contractor certifies that they have accessed and reviewed all documents incorporated by reference as electronically published and the Contractor makes all certifications required under the Standard Contract Form Instructions and Contractor Certifications under the pains and penalties of perjury, and further agrees to provide any required documentation upon request to support compliance, and agrees that all terms governing performance of this Contract and doing business in Massachusetts are attached or incorporated by reference herein according to the following hierarchy of document precedence, this Standard Contract Form, the Standard Contract Form Instructions, Contractor Certifications, the applicable Commonwealth Terms and Conditions, the Request for Response (RFR) or other solicitation, the Contractor's Response, and additional negotiated terms, provided that additional negotiated terms will take precedence over the relevant terms in the RFR and the Contractor's Response only if made using the process outlined in 801 CMR 21.07 , incorporated herein, provided that any amended RFR or Response terms result in best value, lower costs, or a more cost effective Contract.			
AUTHORIZING SIGNATURE FOR THE CONTRACTOR: X: <u>[Signature]</u> Date: <u>13/17/22</u> (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>Domenic J. SARNO</u> Print Title: <u>MAYOR</u>		AUTHORIZING SIGNATURE FOR THE COMMONWEALTH: X: _____ Date: _____ (Signature and Date Must Be Handwritten At Time of Signature) Print Name: <u>AARON BEITMAN</u> Print Title: <u>DIRECTOR OF ACCOUNTING AND CONTRACTS</u>	

FY 2022

Amendment #, If Applicable:

If Federal Funds – N/A

PURCHASE OF SERVICE - ATTACHMENT 1: PROGRAM COVER PAGE**PROGRAM INFORMATION**

Contractor Name: City of Springfield (Dept. of Elder Affairs)	Department Name: Executive Office of Elder Affairs
Program Type: SHINE Counseling, Outreach and Training Consortia	Document ID #: CT ELD 0364 shineearmark22spring
Program Name: SHINE Program	UFR Program #:
Program Address: 36 Court St	MMARS Program Code: 8036
City/State/Zip: Springfield, MA. 01103-1699	Other Reference Information (Information Purposes Only):
Contact Person: Alicia Germain Telephone: 413-750-2893 fax – 413-750-2694 Email – agermain@springfieldcityhall.com	Contact Person: Cynthia Phillips, SHINE Director Neil Petrocelli, Contracts Manager Telephone: (617) 727-7750
RFR INFORMATION: ☐ Attached RFR Reference ☒ legislative exemption ☐ emergency ☐ collective purchase ☐ interim ☐ amendment	
SCOPE OF SERVICES: ☐ Bidders Response Attached ☒ Description of Services Attached	
TOTAL ANTICIPATED CONTRACT DURATION: <u>UPON EXECUTION</u> to <u>6/30/22</u>	
INITIAL DURATION: <u>UPON EXECUTION</u> to <u>6/30/22</u>	
OPTIONS TO RENEW: No options to renew	

FISCAL TERMS

	FUNDING SUMMARY					
	Prior Years		Current Year		Future Years	
	FY	Amount	FY	Amount	FY	Amount
PRICE IS ESTABLISHED THROUGH: (CHECK 1,2, OR 3)			2022	\$79,163.73		
OPTION 1: PRICE AGREEMENT (list price) \$ _____ _____ rate regulation (if any) <u>651</u> <u>CMR</u>						
☐ OPTION 2: SUMMARY BUDGET (T lines only) ☐ unit rate ☐ cost reimbursement ☐ other						
☒ OPTION 3: COMPLETE BUDGET ☒ cost reimbursement ☐ unit rate ☐ other						
	Total:	\$	Total:	\$79.163.73.		
	Multi-Year Total: \$79.163.73					
CURRENT MAX OBLIGATION: \$ <u>79,163.73</u> UNIT RATE: \$ _____ # BILLABLE UNITS: _____						
ADDITIONAL PAYMENT OR PRICE SPECIFICATIONS:						

Attachment: SHINE-FY22 Amendment... (6707 : FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73)

FY 2022 Contractor Name: City of Springfield (Dept. of Elder Affairs) Amendment #

If Federal Funds – N/A, CFDA: 93.779

PURCHASE OF SERVICE
ATTACHMENT 4: RATE CALCULATION/MAXIMUM OBLIGATION CALCULATION PAGE

Program Name: SHINE PROGRAM	Document ID#: CT ELD 0364 SHINEEARMARK22SPRING	MMARS Code: 8036	Program Type Counseling Outreach and Training Consortia	UFR Prog. #
---------------------------------------	---	----------------------------	--	--------------------

AMENDMENT #, IF APPLICABLE:

UNIT RATE CALCULATION

1. Program Total Costs

2a. Program Offsets:

Source

Amount

\$

2b. Offsets for Non-Reimbursable Costs:

Note: Total non-reimbursable costs listed in line 2b must be detailed on Attachment 5.

2. Subtotal Offsets (Line 2a + Line 2b)

(\$ _____)

3. Net Adjusted Program Costs (LINE 1 minus LINE 2) \$ _____

4. Total Program Capacity

(# of units)

_____ (Type of unit)

5. Share of Total Capacity Purchased by Contract

(# of units)

% (% of line 4)

6. Negotiated Utilization Factor, if any

_____ %

7. Adjusted Capacity Used to Establish Price (LINE 4 x LINE 6)

(# of units)

8. Unit Rate (LINE 3 DIVIDED BY LINE 7)

9. Maximum # of Billable Units (LINE 5 x LINE 6)

OTHER PRICE CALCULATION METHOD

10. Enter relevant information: _____

MAXIMUM OBLIGATION CALCULATION FY 2022

11. for Unit Rate: Line 8 X Line 9

For Other Price Calculation Method, Enter Obligation from Line 10

\$ 79,163.73

For Cost Reimbursement: Enter Reimbursable Cost Total from Program Budget

12. Invoice Offset

SOURCE

AMOUNT

12. Subtotal:

\$ 0.00

13. Maximum Obligation for the Program (LINE 11 minus LINE 12)

\$ 79,163.73

14. Capital Budget (from Capital Budget Form), if applicable

\$ 0.00

15. Total Maximum Obligation for Program (LINE 13 + LINE 14)

\$ 79,163.73**FOR INFORMATION ONLY:**

SOURCE

AMOUNT

Other Revenue Sources (Only if % in LINE 5 is less than 100%)

Attachment: SHINE-FY22 Amendment... (6707 : FY22 SHINE Grant Amendment Increase - No Match Required \$79,163.73)

Attachment A: Scope of Work

EOEA received an earmark for the SHINE program in the FY22 General Appropriations Act (Chapter 24 of the Acts of 2021), which must be “expended for the additional funding for the Serving the Health Insurance Needs of Everyone, or SHINE program, so-called, administered by the executive office in partnership with local, community-based organizations, including but not limited to, councils on aging, aging service access points and others.” This is one-time supplemental funding, which will not recur in future fiscal years.

Scope of Services

SHINE contractors may use this earmark funding for necessary and appropriate expenses required to operate the program incurred from July 1, 2021 to June 30, 2022. EOEA strongly encourages SHINE contractors to use the funding for the following purposes in order of priority:

- ✓ • **Recruitment Bilingual Counselors:** Outreach campaign to diverse communities and cultural backgrounds, nonprofit organizations to recruit bilingual counselors who speak languages reflective of the region’s population. Expenses would include but are not limited to: postage, printing, advertising, and one-time stipend for the counselor’s organization.
- **Office Help:** to conduct data entry, triage phone calls, assist with outreach, etc.,.
- **Recruitment Professional Retiree Counselors:** Continue with outreach campaign for recruiting retirees from professional organizations, human resource departments, and employers targeting retired pharmacists, health care professionals and human service professionals. Expenses would include but are not limited to: postage, printing, advertising, one-time stipend for the counselor’s organization.
- ✓ • **Outreach Campaign 64 Year Olds:** costs for targeting and reaching the 64 year old cohort. Expenses would include but are not limited to: postage, printing, advertising, etc.,.
- **Technology Needs:** laptops, iPads, tablets for staff or counselors or lending program, platform fees, hot spot.
- **COVID Related Expenses:** PPE, hand sanitizer, gloves, shields and any other items that support social distancing during in-person counseling sessions as requested.

Reporting Requirements

SHINE Regional programs will provide a final report to EOEA by August 31, 2022 via email to Cynthia Phillips, Director of SHINE at Cynthia.phillips@mass.gov.

The report will summarize the actual expenses paid from this earmark, including:

- An updated “Purchase of Service - Attachment 3: Fiscal Year Program Budget” form and a budget narrative explaining the costs incurred in each category.
- A summary and supporting documentation of work activities conducted through this funding period, including:
 - Number of new counselors recruited,
 - Campaign events/activities/services conducted,

- New partnerships created as a result of the funding award, and
- Best practices identified through campaign and outreach efforts.

Invoicing

The signed contract will serve as the invoice.



*Presentation to the City Council
April 4, 2022*

ANNUAL AUDIT PLAN FOR FISCAL YEAR 2023

*Prepared by Yong Ju No, CPA, CFE
Director of Internal Audit*

Table of Contents

<u>Section</u>	<u>Page</u>
Mission Statement	1
Powers and Duties	1
Audit Resources	2
City Wide Risk Assessment Summary	2
City Wide Risk Assessment Model	2
Annual Audit Plan for Fiscal Year 2023	4

Office of Internal Audit

36 Court Street – Room 411
Springfield, MA 01103

Yong Ju No, CPA, CFE, *Director*
(413) 784-4844
yno@springfieldcityhall.com

Fraud Hotline (413) 886-5125



THE CITY OF SPRINGFIELD, MASSACHUSETTS

March 30, 2022

Honorable Members of the City Council:

In accordance with City Ordinance 67-14, attached is the Annual Audit Plan proposed for Fiscal Year 2023 for your review and acceptance.

The Annual Audit Plan was developed by considering the required audits mandated by the City Ordinance, Massachusetts General Laws, and the results of the Fiscal Year 2023 Citywide Risk Assessment. We designed the Annual Audit Plan to address what we considered to be risk areas, while limiting the scope of work to what we can realistically accomplish with the staff resources available.

Respectfully submitted,



Mission Statement

The mission of the Office of Internal Audit is to promote accountability and integrity in City government by providing independent and objective reviews and assessments of the City's departments, programs, and services to improve the efficiency of procedures and effectiveness of operations; and to prevent and detect waste, fraud, and abuse.

Powers and Duties

City Ordinance 67-14 among other things grants the Director of Internal Audit the following powers and duties:

The Director of Internal Audit shall examine or cause to be examined the financial and other records of the city and its departments including the city retirement system and any other audits or reviews as determined necessary by the Director of Internal Audit. The Director shall conduct or cause to be conducted both financial and performance audits to prevent and detect waste, fraud and abuse and to improve the efficiency, effectiveness and quality of public services provided in and by the City. Department heads are encouraged to use the resources of the Director of Internal Audit.

The Director of Internal Audit shall maintain a fraud hotline for the City of Springfield. This hotline should be made available to the public and to city employees to enable them to report fraud, waste, and abuse.

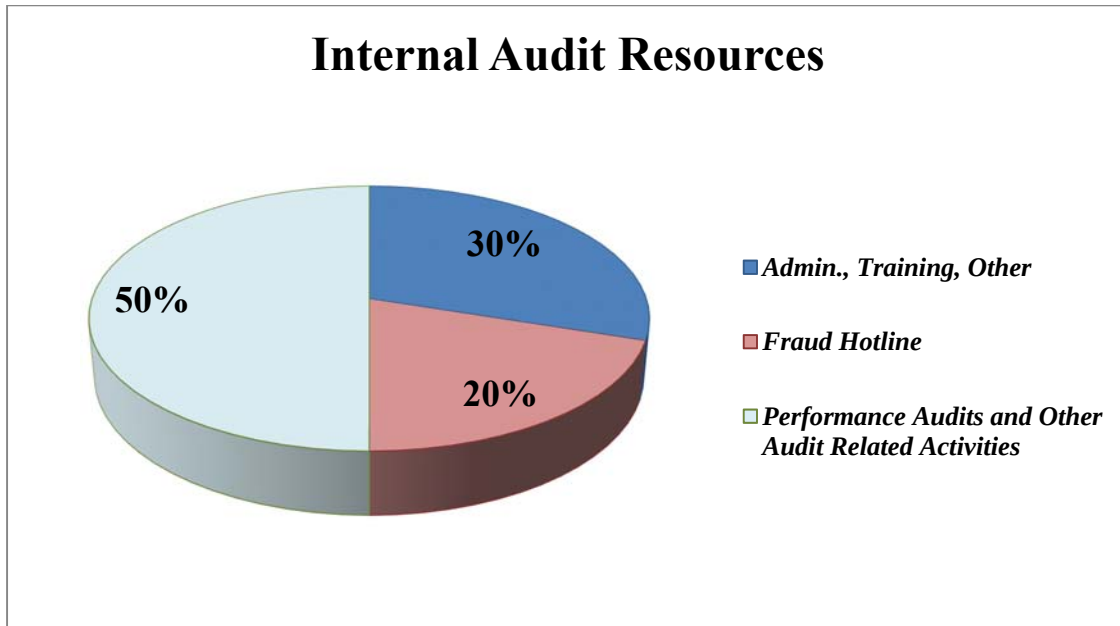
No employee, officer, board, commission, agency or other unit of the city government, including the school department, shall interfere with any audit or review conducted by the Director of Internal Audit or his/her staff.



Audit Resources

Yong Ju No, CPA, CFE, Director
 Cecelia R. Goulet, CPA, CIA, CGA, Manager
 Erika Wallace, Auditor

There are 5,270 staffing hours available for Fiscal Year 2023, of this amount 2,630 hours (50%) are planned for performance audits and other audit related activities; 1,050 hours (20%) are planned for the maintenance of the fraud hotline; and 1,590 hours (30%) are planned for administrative, training and other duties.



City Wide Risk Assessment Summary

Risk assessment is the process we used to identify and prioritize the City's internal control practices and significant areas of operating risk. This process provides a tool for creating a roadmap ultimately used in developing the Annual Audit Plan for Fiscal Year 2023. We designed the annual audit plan to address what we considered to be the highest priority areas while limiting the scope of work to what we can realistically accomplish with the staff resources available.

City Wide Risk Assessment Model

In developing a risk assessment model, we first had to define the audit universe. The audit universe is a listing of all the City's significant auditable units. To accomplish this, we used the City's Fiscal Year 2022 Adopted Budget. The next step in creating the risk assessment model was to identify the major risks factors associated with of the City's auditable units. We then we assigned weights to each risk factor based on relative importance. These measurable risk factors and assigned weights included the following:



Risk Factors	Weight
Financial Exposure	25%
Internal Control System	20%
Liquidity – Cash Nature of Activities	18%
Complexity of Operations	12%
Regulatory Compliance	10%
Last Time Audited	8%
Public Impact	7%
Total	100%

We continued our prioritization process by assigning a value to all of the above risk factors for each of the auditable units. Based on the results from interviews with City management, knowledge of past problematic areas, and reviews of the Comprehensive Annual Financial Statements and other sources of information, we assigned a point value of zero to five (0-5) with zero representing the lowest level of risk and five the highest for each risk factor evaluated. We then added the weighted factors together to obtain the representative risk score for each auditable entity, tabulated, and ranked the results from highest to lowest risk scores.

These rankings were taken into consideration when developing the Annual Audit Plan for the Fiscal Year 2023. We must emphasize that we must also give consideration to any unique situations that may arise as well as certain circumstances which might supersede our previously identified and scheduled top priority items.



Annual Audit Plan for Fiscal Year 2023

Auditable Unit	Project/Audit Name	Objective(s)	Hours
Required/Ongoing Projects			
School Department	Student Activity Funds Agreed Upon Procedures	Comply with Massachusetts General Laws. The Office of Internal Audit (OIA) performs the agreed upon procedures (AUP) for two years and the external auditors performs the AUP for the third year. Fiscal year 2023 represent the year in which the OIA will perform the AUP for the school year ended June 30, 2022.	180
Treasurer	City's Investment Quarterly Review	Comply with City Ordinance 42-35. Determine whether the City's investments are compliance with Massachusetts General Laws.	40
Citywide and School Department	Annual External Financial Audit	The City's Ordinance requires the Office of Internal Audit to contract with an independent certified public accounting firm to conduct the annual external audit of City's financial statements. The firm also conducts the federally required Single Audit.	20
Total Hours for Required/Ongoing Projects			240
Follow Up Reviews			
Department of Health and Human Services, TJ O'Connor Animal Control and Adoption Center, and the Springfield Police Department	Follow Up Reviews – Performance audits of the Department of Health and Human Services, TJ O'Connor Animal Control and Adoption Center, and the Springfield Police Department Compensatory Overtime and Educational Incentive reviews.	Carryover from FY22 Audit Plan. Review, monitor, and test the implementation status of prior audit recommendations.	160



Auditable Unit	Project/Audit Name	Objective(s)	Hours
Follow Up Reviews (continued)			
Finance and Administration	Information Technology (Subject to funding. Work is performed by an independent consultant.)	Reassess the City's vulnerability to cybersecurity and information theft. This assessment will build on the results of the FY2020 cybersecurity review by examining additional areas of potential vulnerability.	30
Total Hours for Follow up Reviews			190
Performance Audits			
Citywide and School Department	Overtime Audit	Carryover from FY22 Audit Plan. Assess controls over the overtime process, including compliance with Federal regulations and equal opportunity for eligible employees.	260
Parks Department	Cash Handling Review at Cyr Arena	Carryover from FY22 Audit Plan. Determine if cash collected for skating fees and skate rentals are properly accounted for and safeguarded.	120
Office of Housing and Code Enforcement Department	Inventory Management Audit (Work is co-sourced with the City's external auditors.)	Carryover from FY22 Audit Plan. Determine if the Office of Housing and Code Enforcement department have adequate controls to ensure accuracy and completeness of inventory records, accountability for inventory transactions, and safeguarding of inventory.	20
Citywide and School Department	Facilities Maintenance Audit	Determine the effectiveness and efficiency of facilities management functions at City and School department.	600
Building – Code Enforcement	Building and Code Enforcement Audit	Determine if the internal control systems for permitting, inspection, and data management processes are adequately designed and operating effectively.	510



Auditable Unit	Project/Audit Name	Objective(s)	Hours
Performance Audits (continued)			
School Department	Review of the Transportation Services Contract	Assess the School department's effectiveness in monitoring school bus services contract.	330
Citywide	Unscheduled Audits	Hours set aside to perform audits of unforeseen issues and requests by management, Mayor, and/or City Council.	360
Total Hours for Performance Audits			2,200
Total Hours for Audits and Related Activities			2,630
Total Hours for Maintenance of Fraud Hotline			1,050
Total Hours for Administration, Training, and Other			1,590
Total Available 2023 Hours for Office of Internal Audit			5, 270