

ADDENDUM NO. 1
CITY OF DERMOTT
WATER LINE REPLACEMENT AND EXTENSIONS
10 January 2024

INSTRUCTIONS

PROJECT MANUAL:

Section 00312 – Bid

Replace the existing bid schedule with the attached bid schedule (Placed meter, coppersetter, and box in extension areas into same bid item; added clarifications to meter and certain other bid item descriptions; included a second deductive alternative; and revised quantities in accordance with changes to plans).

Section 00711 – Notice to Proceed

Replace the existing Section 00711 with the attached Section 00711 (Corrected project duration and liquidated damages to match bid form).

PLANS:

Replace sheets 2 – 6, 16, 22 – 25, and 37 – 38 with the attached sheets. (Revised placement of insertion valves and connection at tank).

PREPARED BY:

Gaunt Engineers, Inc.

3256 West Hillsboro

El Dorado, AR 71730

Phone: (870) 862-4231

Fax: (870) 862-9453

Document 00312
BID FORM

Proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____ doing business as _____*. To the **City of Dermott** (hereinafter called "OWNER").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of **Water Line Replacement and Extensions** in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within **330** consecutive calendar days thereafter. BIDDER further agrees to pay as liquidated damages, the sum of **\$550.00** for each consecutive calendar day thereafter as provided in Section 15 of the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

Addendum 1 – January 10, 2024

* Insert "a corporation", "a partnership", or "an individual" as applicable.

NOTE: When completing this BID, Unit Prices or Lump Sum Prices are to be shown in both words and figures. In case of a discrepancy, the price shown in WORDS will govern.

BID SCHEDULE

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sums:

NOTE: Bids shall include sales tax and all other applicable taxes & fees.

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
1	12" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	2,369	LF		
				Dollars (\$ _____)	\$ _____
2	10" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	582	LF		
				Dollars (\$ _____)	\$ _____
3	8" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	5,240	LF		
				Dollars (\$ _____)	\$ _____
4	6" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	41,256	LF		
				Dollars (\$ _____)	\$ _____
5	4" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	23,439	LF		
				Dollars (\$ _____)	\$ _____
6	3" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	24,616	LF		
				Dollars (\$ _____)	\$ _____
7	2" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	90	LF		
				Dollars (\$ _____)	\$ _____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
8	4" Water Main - Field-lock gasket, fused PVC pipe, or SDR-11 Polyethelene Pipe - including clearing, trench, backfill & 10 gauge tracing wire & risers	1,605	LF		
				Dollars (\$_____)	\$_____
9	1" Service Line - CTS, Class 250 - Including clearing, trench, backfill, compaction and cleanup	9,491	LF		
				Dollars (\$_____)	\$_____
10	3/4" Service Line - CTS, Class 250 - Including clearing, trench, backfill, compaction and cleanup	1,898	LF		
				Dollars (\$_____)	\$_____
11	12" Gate Valve w/Box & Conc collar, complete in place	2	EA		
				Dollars (\$_____)	\$_____
12	8" Gate Valve w/Box & Conc collar, complete in place	8	EA		
				Dollars (\$_____)	\$_____
13	6" Gate Valve w/Box & Conc collar, complete in place	70	EA		
				Dollars (\$_____)	\$_____
14	4" Gate Valve w/Box & Conc collar, complete in place	9	EA		
				Dollars (\$_____)	\$_____
15	3" Gate Valve w/Box & Conc collar, complete in place	34	EA		
				Dollars (\$_____)	\$_____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
16	2" Gate Valve w/Box & Conc collar, complete in place	7	EA		
				Dollars (\$_____)	\$_____
17	4" Gate Valve in Manhole, with sampling corp stops as shown on plans, complete in place	2	EA		
				Dollars (\$_____)	\$_____
18	Water Sampling Station including 3/4" corp stop and saddle, complete in place	12	EA		
				Dollars (\$_____)	\$_____
19	12" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	1 137	LF		
				Dollars (\$_____)	\$_____
20	10" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	176	LF		
				Dollars (\$_____)	\$_____
21	8" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	510	LF		
				Dollars (\$_____)	\$_____
22	6" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	6,634	LF		
				Dollars (\$_____)	\$_____
23	4" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	2,461	LF		
				Dollars (\$_____)	\$_____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
24	3" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	2,416	LF		
				Dollars (\$_____)	\$_____
25	1" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	4,780	LF		
				Dollars (\$_____)	\$_____
26	5 1/4" Fire Hydrant Assy including 6" Gate Valve w/Box & Conc collar as shown on plans, complete in place	76	EA		
				Dollars (\$_____)	\$_____
27	4 1/2" Fire Hydrant Assy including 4" Gate Valve w/Box & Conc collar as shown on plans, complete in place	4	EA		
				Dollars (\$_____)	\$_____
28	Remove Existng Fire Hydrant and Deliver to Owner and cap existing line	82	EA		
				Dollars (\$_____)	\$_____
29	2" Blow-Off Assembly, including post hydrant, shut-off valve, connection to main line, and appurtenances, as shown on plans, complete in place	7	EA		
				Dollars (\$_____)	\$_____
30	12x12 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	1	EA		
				Dollars (\$_____)	\$_____
31	10x8 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	1	EA		
				Dollars (\$_____)	\$_____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
32	6x6 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	1	EA		
				Dollars (\$ _____)	\$ _____
33	Wet Connection, complete in place (not included for insertion valves and tapping sleeves and valves)	25	EA		
				Dollars (\$ _____)	\$ _____
34	Cut, Plug and Abandon Water Lines	39	EA		
				Dollars (\$ _____)	\$ _____
35	Water Valve Signs, complete in place	131	EA		
				Dollars (\$ _____)	\$ _____
36	Asphalt & concrete pavement repair	329	SY		
				Dollars (\$ _____)	\$ _____
37	Gravel for Road and Driveway Repair	469	CY		
				Dollars (\$ _____)	\$ _____
38	2" Corp Stop & Saddle, complete in place including reconnection of meter to system	12	EA		
				Dollars (\$ _____)	\$ _____
39	1" Corp Stop & Saddle, complete in place including reconnection of meter to system	190	EA		
				Dollars (\$ _____)	\$ _____
40	3/4" Corp Stop & Saddle, complete in place including reconnection of meter to system	190	EA		
				Dollars (\$ _____)	\$ _____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
41	12" Insertion Valves	1	EA		
				Dollars (\$_____)	\$_____
42	10" Insertion Valves	1	EA		
				Dollars (\$_____)	\$_____
43	8" Insertion Valves	2	EA		
				Dollars (\$_____)	\$_____
44	6" Insertion Valves	9	EA		
				Dollars (\$_____)	\$_____
45	Install new radio read meter, coppersetter, meter box, and lid - 5/8", complete in place (must be compatible with existing radio read meter)	23	EA		
				Dollars (\$_____)	\$_____
46	Replace existing coppersetter with new 5/8" coppersetter, complete in place (meter to remain in place)	50	EA		
				Dollars (\$_____)	\$_____
47	Replace existing meter box with new 5/8" meter box and lid, complete in place (meter to remain in place)	50	EA		
				Dollars (\$_____)	\$_____
48	Repair of mislocated main water line	50	EA		
				Dollars (\$_____)	\$_____
49	Repair of mislocated water service line	80	EA		
				Dollars (\$_____)	\$_____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
50	Storm Water Pollution Prevention, install & maintain during construction	1	LS		
				Dollars (\$_____)	\$_____
51	Trench safety as required by OSHA (29 CFR, Part 1926, Subpart P). Contractor's Certification of Compliance will be required for each payment under this item.	1	LS		
				Dollars (\$_____)	\$_____
52	Mobilization, Project Sign and Miscellaneous	1	LS		
				Dollars (\$_____)	\$_____
Total Bid Amount					\$_____

DEDUCTIVE ALTERNATIVE NO. 1:

NOTE: Unit prices in deductive alternatives must be the same unit prices used in base bid.

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
1	Delete - 12" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	2,369	LF		
				Dollars (\$_____)	\$_____
2	Delete - 8" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	438	LF		
				Dollars (\$_____)	\$_____
3	Delete - 6" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	5,300	LF		
				Dollars (\$_____)	\$_____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
4	Delete - 3" Water Main - Class 200, 200 psi PVC, SDR-21 - including clearing, trench, backfill & 10 gauge tracing wire & risers	2,320	LF		
			Dollars	(\$ _____)	\$ _____
5	Delete - 12" Gate Valve w/Box & Conc collar, complete in place	2	EA		
			Dollars	(\$ _____)	\$ _____
6	Delete - 8" Gate Valve w/Box & Conc collar, complete in place	3	EA		
			Dollars	(\$ _____)	\$ _____
7	Delete - 6" Gate Valve w/Box & Conc collar, complete in place	4	EA		
			Dollars	(\$ _____)	\$ _____
8	Delete - 3" Gate Valve w/Box & Conc collar, complete in place	5	EA		
			Dollars	(\$ _____)	\$ _____
9	Delete - 2" Gate Valve w/Box & Conc collar, complete in place	1	EA		
			Dollars	(\$ _____)	\$ _____
10	Delete - Water Sampling Station including 3/4" corp stop and saddle, complete in place	3	EA		
			Dollars	(\$ _____)	\$ _____
11	Delete - 12" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	137	LF		
			Dollars	(\$ _____)	\$ _____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
12	Delete - 6" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	529	LF		
			Dollars	(\$ _____)	\$ _____
13	Delete - 3" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	147	LF		
			Dollars	(\$ _____)	\$ _____
14	Delete - 1" Uncased Bore - pay quantity for bore equal to pavement width plus 10', excluding carrier pipe	362	LF		
			Dollars	(\$ _____)	\$ _____
15	Delete - 5 1/4" Fire Hydrant Assy including 6" Gate Valve w/Box & Conc collar as shown on plans, complete in place	5	EA		
			Dollars	(\$ _____)	\$ _____
16	Delete - 2" Blow-Off Assembly, including post hydrant, shut-off valve, connection to main line, and appurtenances, as shown on plans, complete in place	1	EA		
			Dollars	(\$ _____)	\$ _____
17	Delete - 12x12 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	1	EA		
			Dollars	(\$ _____)	\$ _____
18	Delete - 6x6 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	1	EA		
			Dollars	(\$ _____)	\$ _____

CITY OF DERMOTT
 WATER LINE REPLACEMENT

BID FORM

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
19	Delete - 1" Corp Stop & Saddle, complete in place including reconnection of meter to system	13	EA		
			Dollars	(\$ _____)	\$ _____
20	Delete - 3/4" Corp Stop & Saddle, complete in place including reconnection of meter to system	17	EA		
			Dollars	(\$ _____)	\$ _____
21	Delete - 12" Insertion Valves	1	EA		
			Dollars	(\$ _____)	\$ _____
22	Add - 12x6 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	2	EA		
			Dollars	(\$ _____)	\$ _____
23	Add - 12x3 Tapping Sleeve, complete in place (Gate valve to be paid for separately)	2	EA		
			Dollars	(\$ _____)	\$ _____
24	Add - Wet Connection, Complete in Place (Not included for insertion valves and tapping sleeves and valves)	2	EA		
			Dollars	(\$ _____)	\$ _____

Amount Deducted \$ _____

Reduced Bid (Base bid less Deductive Alternative No. 1) \$ _____

DEDUCTIVE ALTERNATIVE NO. 2:

NOTE: Unit prices in deductive alternatives must be the same unit prices used in base bid.

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
1	Delete - 10" Insertion Valves	1	EA		
			Dollars	(\$ _____)	\$ _____

Item No.	Item Description	Est Qty	Unit	Unit Price	Total Amount
2	Delete - 8" Insertion Valves	2	EA		
			Dollars	(\$ _____)	\$ _____
3	Delete - 6" Insertion Valves	9	EA		
			Dollars	(\$ _____)	\$ _____
4	Add - Wet Connection, Complete in Place (Not included for insertion valves and tapping sleeves and valves)	12	EA		
			Dollars	(\$ _____)	\$ _____
Amount Deducted					\$ _____
Reduced Bid (Base bid less Deductive Alternative 1 & 2)					\$ _____

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, taxes, fees, etc. to cover the finished work of the several kinds called for.

All materials shall meet Buy America requirements as specified in 23 U.S.C. 313 and 23 CFR 635.410.

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this Bid shall be good and may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving Bids.

Upon receipt of written notice of the acceptance of this Bid, Bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required in the General Conditions. The bid security attached in the sum of 5% of the total contract price is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Respectfully Submitted:

Bidder

Address

Signature

Date

Title

AR License Number

Telephone Number

(SEAL - If Bid is by a Corporation)

ATTEST: _____

END OF DOCUMENT

Document 00711
NOTICE TO PROCEED

TO: _____ Date: _____

Project Name: **Water Line Replacement and Extension**

Project Location: **City of Dermott, Arkansas**

You are hereby notified to commence WORK on the referenced contract in accordance with the Agreement dated _____ on or before _____, and are to fully complete the WORK within **330** consecutive calendar days thereafter. Your contract completion date is therefore _____. The Agreement provides for assessment of the sum of **\$550.00** as liquidated damages for each consecutive calendar day after the above established contract completion date that the WORK remains incomplete.

Please return an acknowledged copy of the NOTICE TO PROCEED to the OWNER.

Owner

By: _____
Signature

Title: _____

ACCEPTANCE OF NOTICE

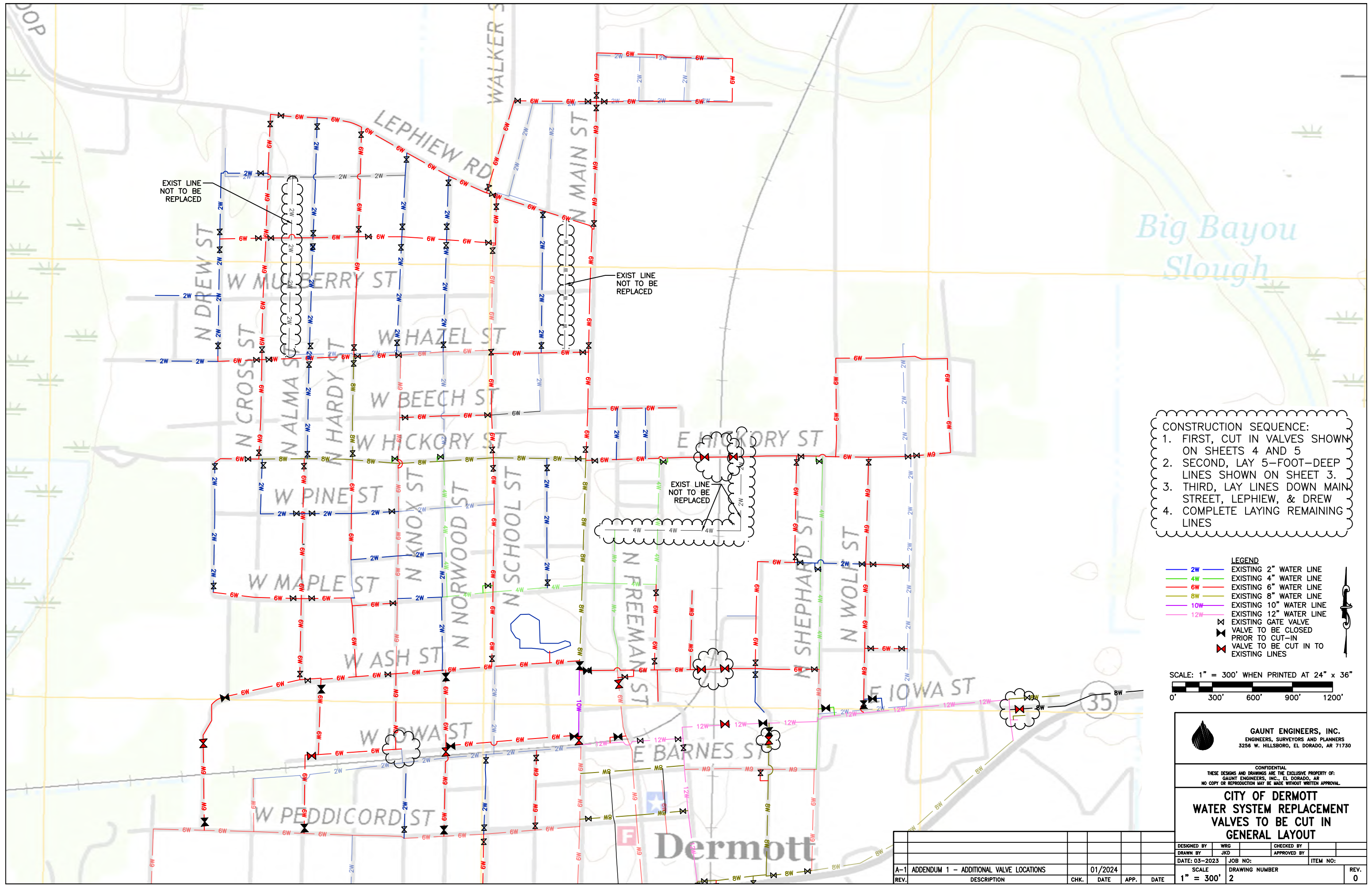
Receipt of the above NOTICE TO PROCEED is hereby acknowledged this ____ day of _____, 20__.

By: _____
Signature

By: _____
Company Name

Title: _____

END OF DOCUMENT



- CONSTRUCTION SEQUENCE:**
1. FIRST, CUT IN VALVES SHOWN ON SHEETS 4 AND 5
 2. SECOND, LAY 5-FOOT-DEEP LINES SHOWN ON SHEET 3.
 3. THIRD, LAY LINES DOWN MAIN STREET, LEPHIEW, & DREW
 4. COMPLETE LAYING REMAINING LINES

- LEGEND**
- 2W EXISTING 2" WATER LINE
 - 4W EXISTING 4" WATER LINE
 - 6W EXISTING 6" WATER LINE
 - 8W EXISTING 8" WATER LINE
 - 10W EXISTING 10" WATER LINE
 - 12W EXISTING 12" WATER LINE
 - X EXISTING GATE VALVE
 - X VALVE TO BE CLOSED PRIOR TO CUT-IN
 - X VALVE TO BE CUT IN TO EXISTING LINES

SCALE: 1" = 300' WHEN PRINTED AT 24" x 36"

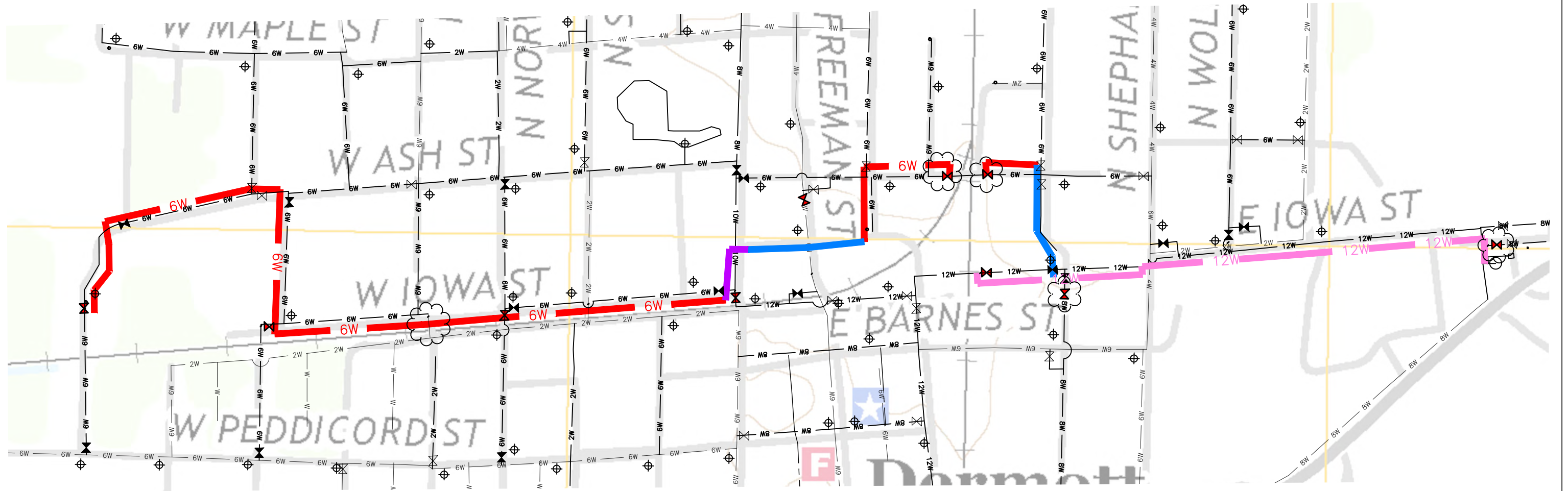
GAUNT ENGINEERS, INC.
ENGINEERS, SURVEYORS AND PLANNERS
3256 W. HILLSBORO, EL DORADO, AR 71730

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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
VALVES TO BE CUT IN
GENERAL LAYOUT**

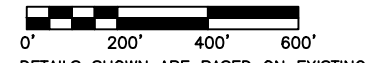
DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03-2023	JOB NO:	ITEM NO:	
SCALE		DRAWING NUMBER	REV.
1" = 300'		2	0

A-1 ADDENDUM 1 - ADDITIONAL VALVE LOCATIONS	01/2024			
REV.	DESCRIPTION	CHK.	DATE	APP. DATE



LINES TO BE PLACED A MINIMUM OF 5 FEET DEEP

- ⊗ EXISTING GATE VALVE
- ⊗ EXISTING GATE VALVE TO BE CLOSED PRIOR TO CUT-IN
- ⊗ VALVE TO BE CUT IN TO EXISTING WATER LINES
- 6W — 6W — LINES PLACED C. 1970
- 6W — 6W — LINES PLACED PRIOR TO 1970
- 3W — PROPOSED LINES TO BE PLACED AT MIN. DEPTH 5' TO ENSURE THAT EXISTING LINES ARE FOUND AT CONNECTION POINTS
- 6W —
- 10W —
- 12W —



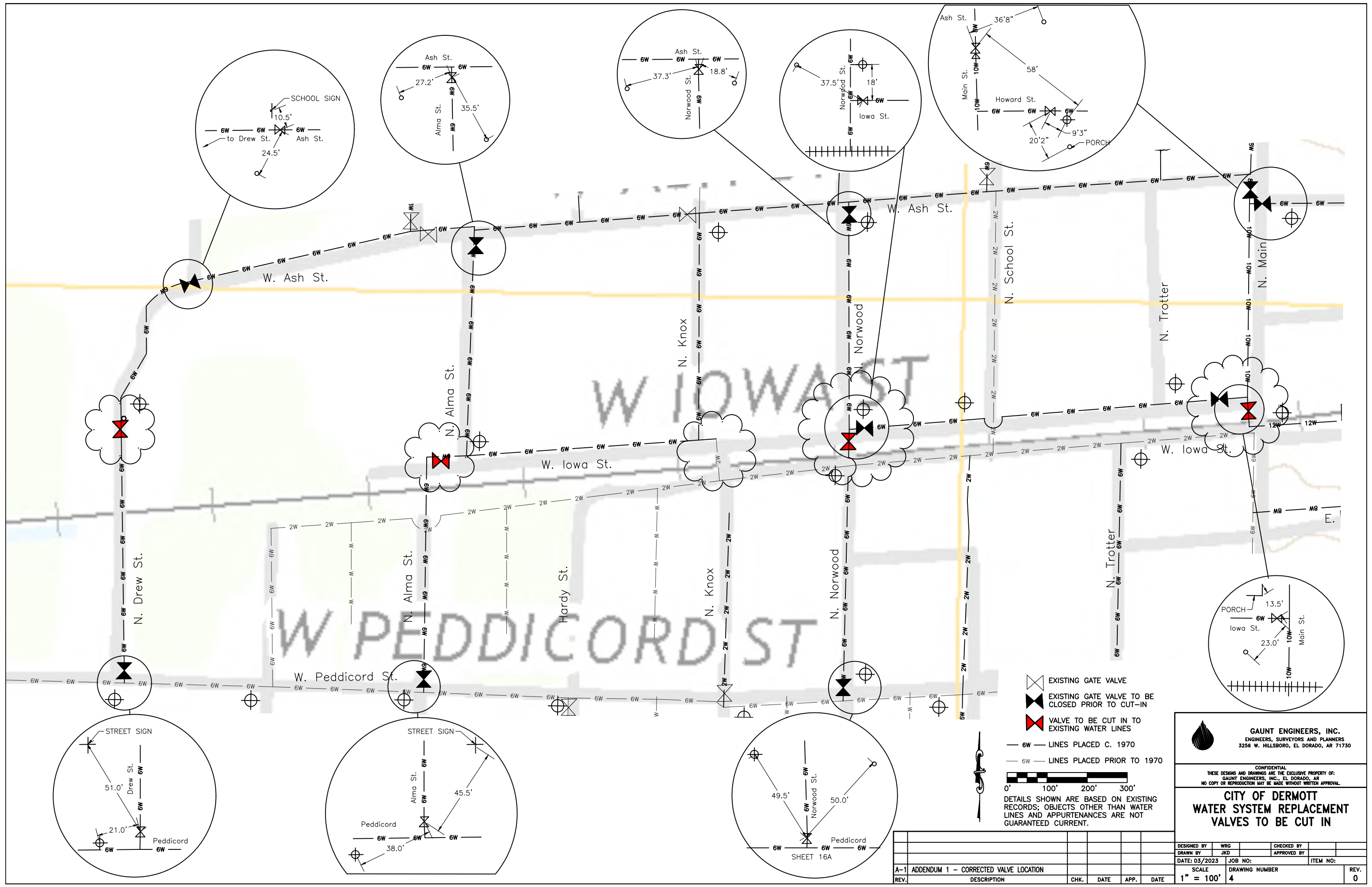
DETAILS SHOWN ARE BASED ON EXISTING RECORDS; OBJECTS OTHER THAN WATER LINES AND APPURTENANCES ARE NOT GUARANTEED CURRENT.

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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
LINES TO BE PLACED AT
MIN. 5-FOOT DEPTH**

DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03-2023	JOB NO:	ITEM NO:	
A-1 ADDENDUM 1 - REVISED VALVE LOCATIONS	01/2024	SCALE	DRAWING NUMBER
REV.	DESCRIPTION	CHK.	DATE APP. DATE
		1" = 200'	3
			REV. 0



- EXISTING GATE VALVE
- EXISTING GATE VALVE TO BE CLOSED PRIOR TO CUT-IN
- VALVE TO BE CUT IN TO EXISTING WATER LINES
- 6W — LINES PLACED C. 1970
- 6W — LINES PLACED PRIOR TO 1970

0' 100' 200' 300'

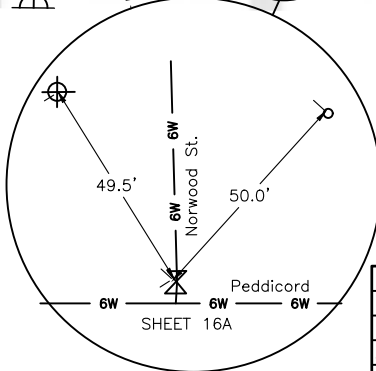
DETAILS SHOWN ARE BASED ON EXISTING RECORDS; OBJECTS OTHER THAN WATER LINES AND APPURTENANCES ARE NOT GUARANTEED CURRENT.

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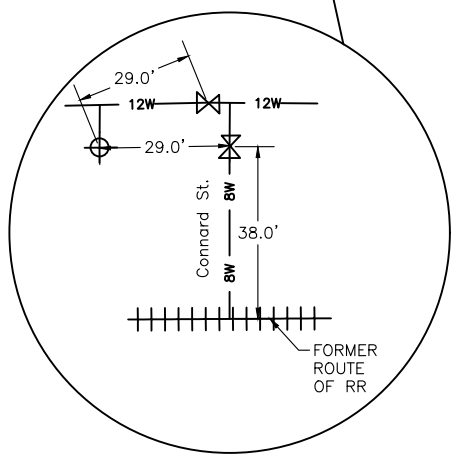
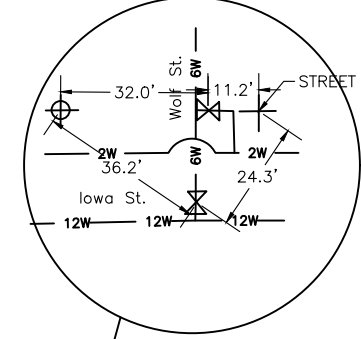
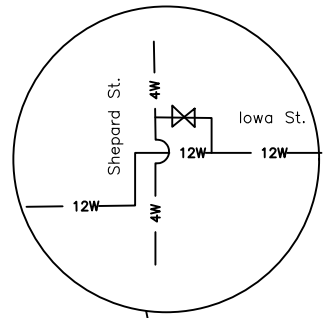
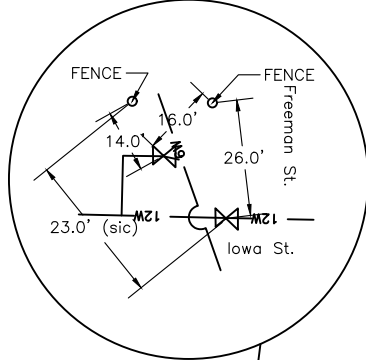
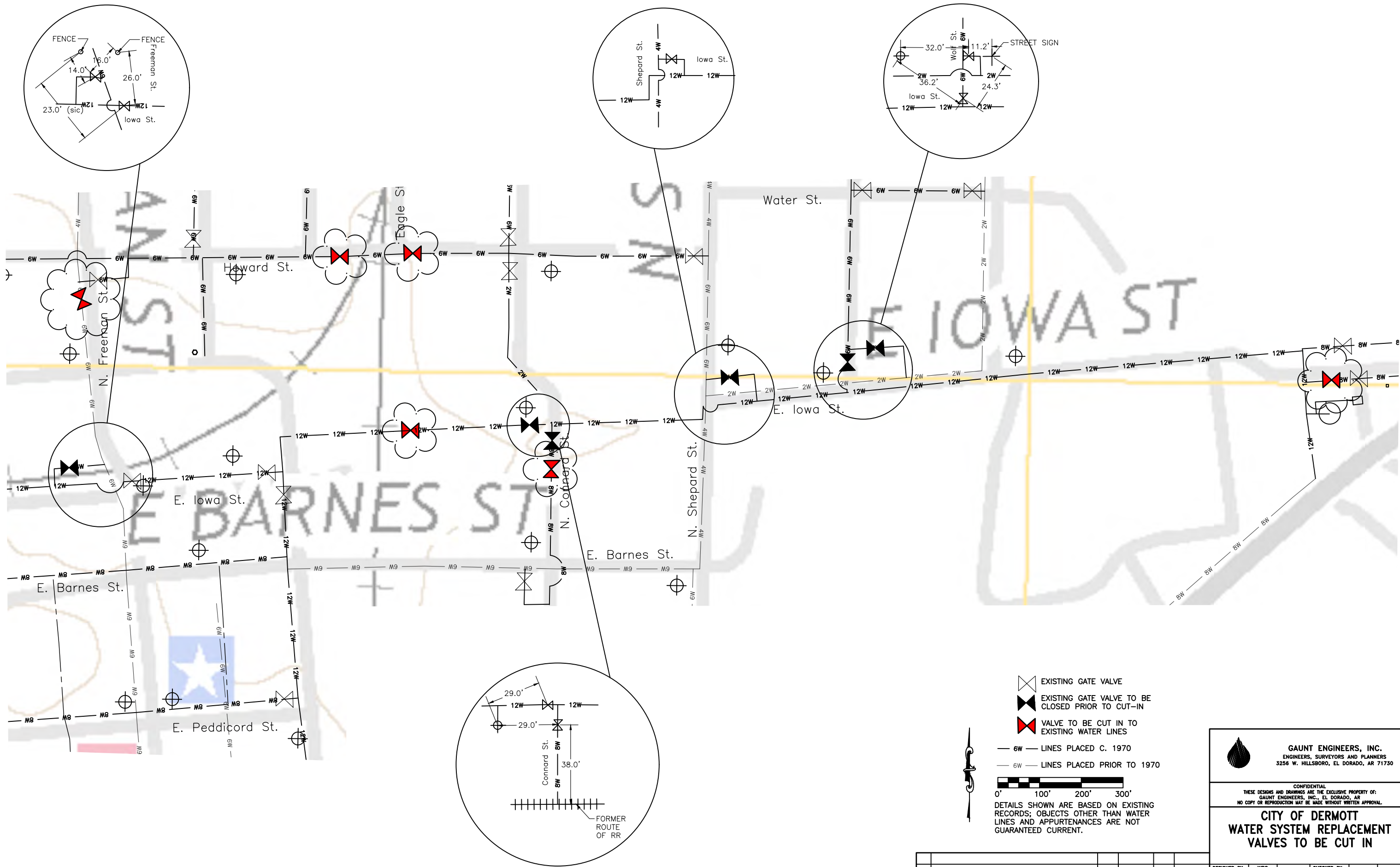
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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
VALVES TO BE CUT IN**

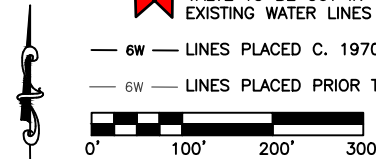
DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03/2023	JOB NO:	ITEM NO:	
SCALE	DRAWING NUMBER	REV.	
1" = 100'	4	0	



SHEET 16A



- EXISTING GATE VALVE
- EXISTING GATE VALVE TO BE CLOSED PRIOR TO CUT-IN
- VALVE TO BE CUT IN TO EXISTING WATER LINES
- 6W — LINES PLACED C. 1970
- 6W — LINES PLACED PRIOR TO 1970



DETAILS SHOWN ARE BASED ON EXISTING RECORDS; OBJECTS OTHER THAN WATER LINES AND APPURTENANCES ARE NOT GUARANTEED CURRENT.

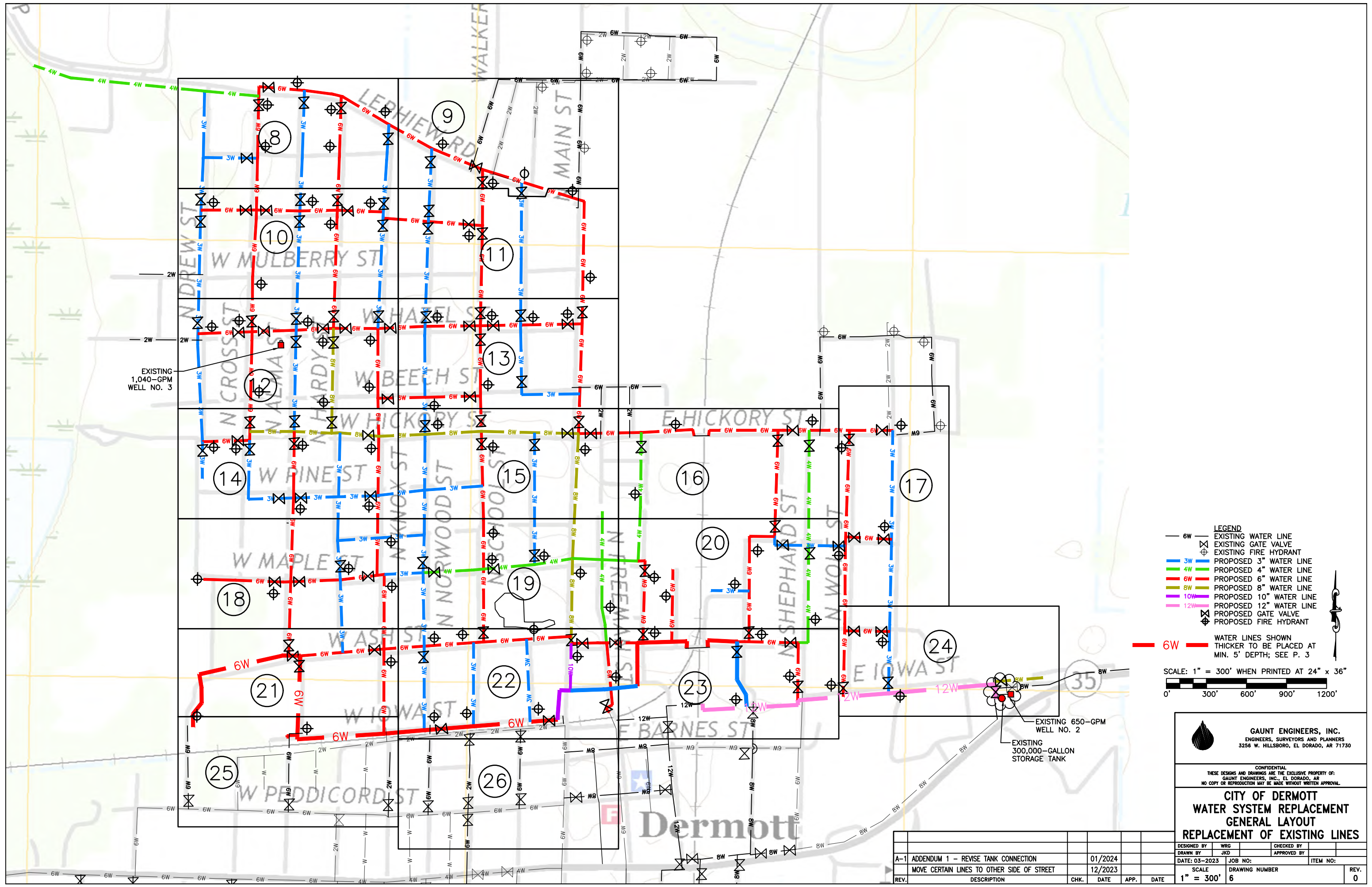
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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
VALVES TO BE CUT IN**

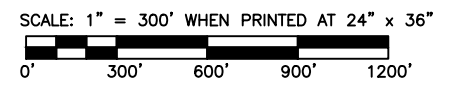
DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03-2023	JOB NO:	ITEM NO:	
A-1 ADDENDUM 1 - ADD INSERTION VALVE	01/2024	SCALE	DRAWING NUMBER
REV.	DESCRIPTION	CHK.	DATE
		APP.	DATE

1" = 100' 5 0



- LEGEND**
- 6W — EXISTING WATER LINE
 - ⊕ EXISTING GATE VALVE
 - ⊕ EXISTING FIRE HYDRANT
 - 3W — PROPOSED 3" WATER LINE
 - 4W — PROPOSED 4" WATER LINE
 - 6W — PROPOSED 6" WATER LINE
 - 8W — PROPOSED 8" WATER LINE
 - 10W — PROPOSED 10" WATER LINE
 - 12W — PROPOSED 12" WATER LINE
 - ⊕ PROPOSED GATE VALVE
 - ⊕ PROPOSED FIRE HYDRANT

6W WATER LINES SHOWN THICKER TO BE PLACED AT MIN. 5' DEPTH; SEE P. 3



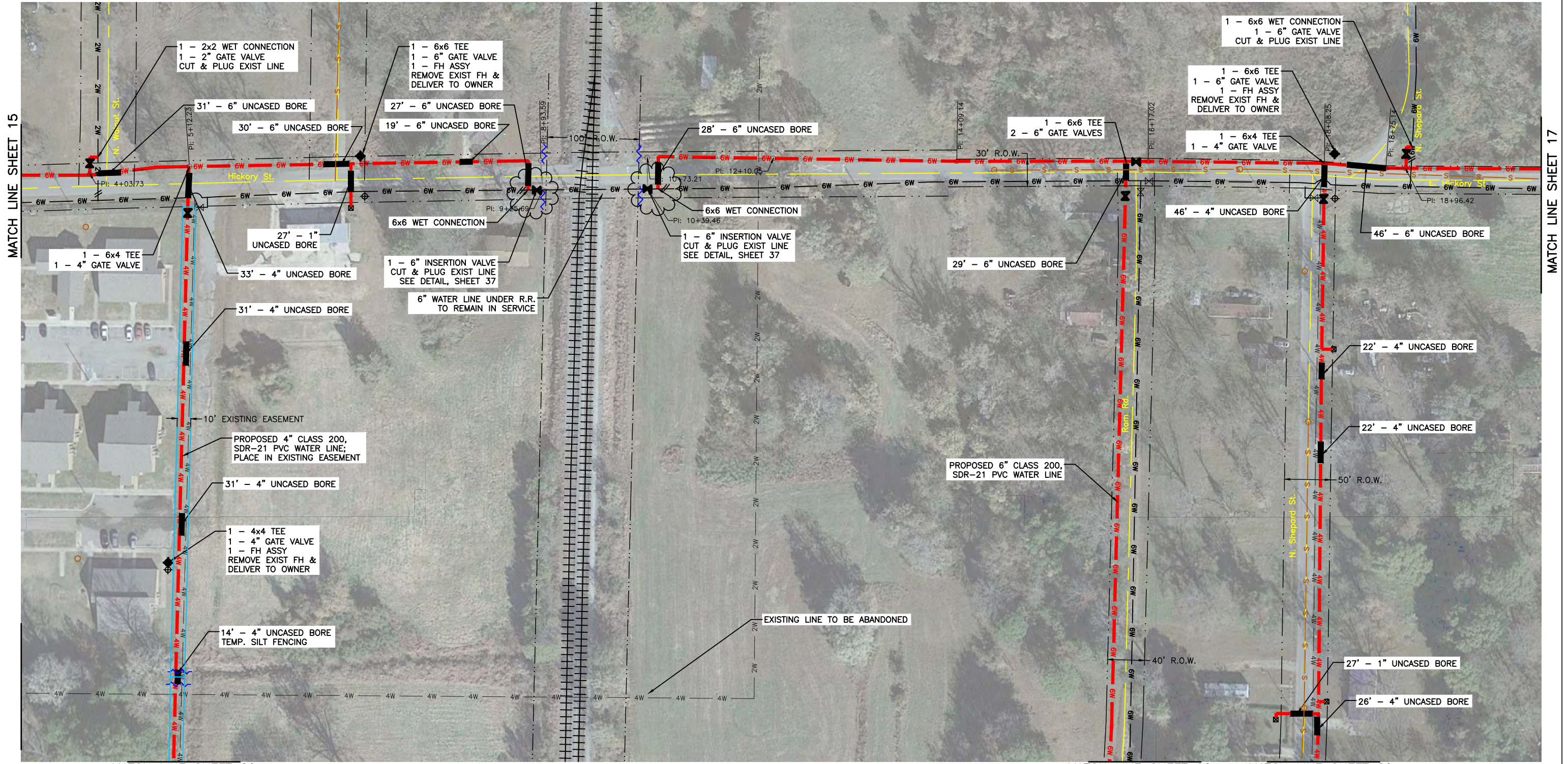
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3256 W. HILLSBORO, EL DORADO, AR 71730

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CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
GENERAL LAYOUT
REPLACEMENT OF EXISTING LINES

DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03-2023	JOB NO:	ITEM NO:	
SCALE	DRAWING NUMBER	REV.	
1" = 300'	6	0	

A-1	ADDENDUM 1 - REVISE TANK CONNECTION				01/2024
	MOVE CERTAIN LINES TO OTHER SIDE OF STREET				12/2023
REV.	DESCRIPTION	CHK.	DATE	APP.	DATE



MATCH LINE SHEET 20

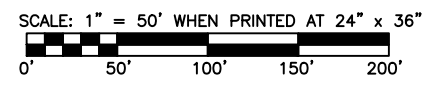
MATCH LINE SHEET 20

MATCH LINE SHEET 20

- LEGEND EXISTING**
- 2W — 2W — EXISTING 2" WATER LINE
 - 4W — 4W — EXISTING 4" WATER LINE
 - 6W — 6W — EXISTING 6" WATER LINE
 - 8W — 8W — EXISTING 8" WATER LINE
 - 10W — 10W — EXISTING 10" WATER LINE
 - 12W — 12W — EXISTING 12" WATER LINE
 - ⊗ EXISTING GATE VALVE
 - ⊕ EXISTING FIRE HYDRANT
 - ⊙ EXISTING WATER METER
 - S — S — EXISTING SEWER LINE
 - — — EXISTING STREET CENTER LINE
 - ||||| EXISTING RAILROAD
 - — — EXISTING R.O.W.

- LEGEND PROPOSED**
- 3W — 3W — PROPOSED 3" WATER LINE
 - 4W — 4W — PROPOSED 4" WATER LINE
 - 6W — 6W — PROPOSED 6" WATER LINE
 - 8W — 8W — PROPOSED 8" WATER LINE
 - 10W — 10W — PROPOSED 10" WATER LINE
 - 12W — 12W — PROPOSED 12" WATER LINE
 - W — W — PROPOSED WATER SERVICE LINE
 - ⊗ PROPOSED GATE VALVE
 - ⊕ PROPOSED FIRE HYDRANT
 - ⊙ PROPOSED NEW CUSTOMER METER
 - — — PROPOSED BORE
 - PROPOSED SAMPLING STATION
 - ~~~~~ PROPOSED SILT FENCING
 - — — PROPOSED 10' UTILITY EASEMENT

- NOTES:**
1. WATER LINES, VALVES, METERS, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS FOR CLARITY. CONTRACTOR TO LOCATE VALVES ON SAME SIDE OF ROAD AS TEE CONNECTIONS.
 2. PROPERTY & R.O.W. LINES SHOWN ARE APPROXIMATE AND ARE NOT BASED ON FIELD SURVEY.
 3. LOCATE PROPOSED WATER LINES A MINIMUM OF 10' FROM EXISTING SANITARY SEWERS AND MANHOLES, 5' FROM EXISTING WATER LINES, AND/OR 5' FROM R.O.W. AS APPLICABLE.
 4. CONTRACTOR TO PROVIDE VALVE BOX & CONCRETE COLLAR ON ALL GATE VALVES PER STANDARD GATE VALVE INSTALLATION DETAIL.
 5. CONNECT EXISTING METERS TO NEW WATER LINES, AS APPLICABLE.



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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
AND EXTENSIONS
PLANS**

DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 12-2022	JOB NO:	ITEM NO:	
SCALE	DRAWING NUMBER	REV.	
1" = 50'	16	0	

REV.	DESCRIPTION	CHK.	DATE	APP.	DATE
A-1	CORRECTED INSERTION VALVE LOCATIONS		01/2024		
	ADD STATIONING, CHANGE TAP TO WET CONNECT		10/2023		

MATCH LINE SHEET 19

MATCH LINE SHEET 19

MATCH LINE SHEET 19

MATCH LINE SHEET 19

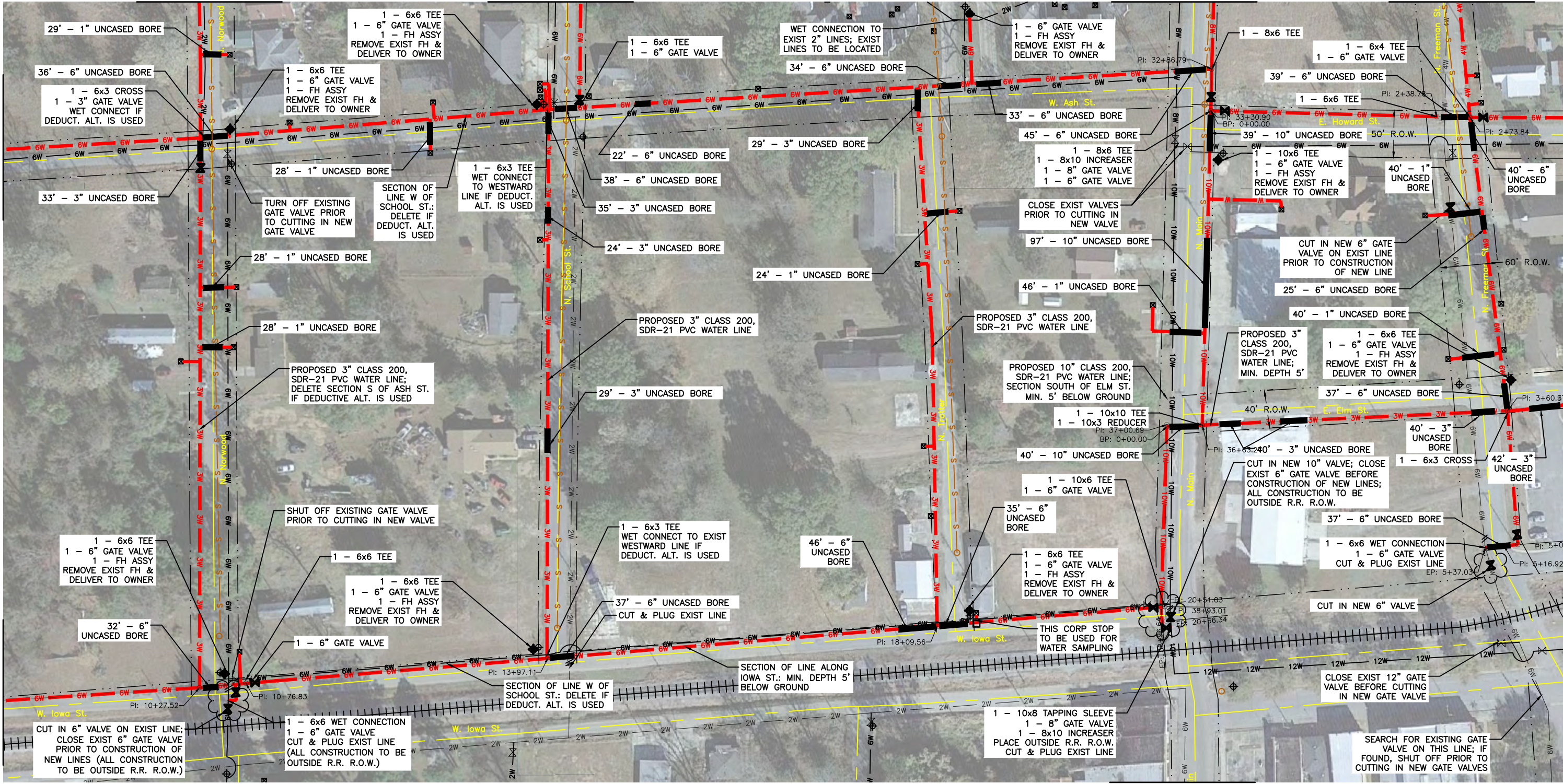
MATCH LINE SHEET 21

MATCH LINE SHEET 23

MATCH LINE SHEET 25

MATCH LINE SHEET 23

MATCH LINE SHEET 26



LEGEND EXISTING

- 2W — 2W — EXISTING 2" WATER LINE
- 4W — 4W — EXISTING 4" WATER LINE
- 6W — 6W — EXISTING 6" WATER LINE
- 8W — 8W — EXISTING 8" WATER LINE
- 10W — 10W — EXISTING 10" WATER LINE
- 12W — 12W — EXISTING 12" WATER LINE
- ⊗ EXISTING GATE VALVE
- ⊕ EXISTING FIRE HYDRANT
- ⊙ EXISTING WATER METER
- S — S — EXISTING SEWER LINE
- — — EXISTING STREET CENTER LINE
- ||||| EXISTING RAILROAD
- — — EXISTING R.O.W.

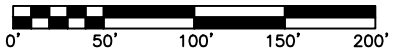
LEGEND PROPOSED

- 3W — 3W — PROPOSED 3" WATER LINE
- 4W — 4W — PROPOSED 4" WATER LINE
- 6W — 6W — PROPOSED 6" WATER LINE
- 8W — 8W — PROPOSED 8" WATER LINE
- 10W — 10W — PROPOSED 10" WATER LINE
- 12W — 12W — PROPOSED 12" WATER LINE
- W — W — PROPOSED WATER SERVICE LINE
- ⊗ PROPOSED GATE VALVE
- ⊕ PROPOSED FIRE HYDRANT
- ⊙ PROPOSED NEW CUSTOMER METER
- — — PROPOSED BORE
- ⊙ PROPOSED SAMPLING STATION
- — — PROPOSED SILT FENCING
- — — PROPOSED 10' UTILITY EASEMENT

NOTES:

1. WATER LINES, VALVES, METERS, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS FOR CLARITY. CONTRACTOR TO LOCATE VALVES ON SAME SIDE OF ROAD AS TEE CONNECTIONS.
2. PROPERTY & R.O.W. LINES SHOWN ARE APPROXIMATE AND ARE NOT BASED ON FIELD SURVEY.
3. LOCATE PROPOSED WATER LINES A MINIMUM OF 10' FROM EXISTING SANITARY SEWERS AND MANHOLES, 5' FROM EXISTING WATER LINES, AND/OR 5' FROM R.O.W. AS APPLICABLE.
4. CONTRACTOR TO PROVIDE VALVE BOX & CONCRETE COLLAR ON ALL GATE VALVES PER STANDARD GATE VALVE INSTALLATION DETAIL.
5. CONNECT EXISTING METERS TO NEW WATER LINES, AS APPLICABLE.

SCALE: 1" = 50' WHEN PRINTED AT 24" x 36"



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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
AND EXTENSIONS
PLANS**

A-1	ADDENDUM - POSITION OF INSERTION VALVES	01/2024	DESIGNED BY	WRG	CHECKED BY	
	MOVE CERTAIN LINES TO OTHER SIDE OF STREET	12/2023	DRAWN BY	JKD	APPROVED BY	
	ADD STATIONING TO CERTAIN LINES	10/2023	DATE: 12-2022	JOB NO:	ITEM NO:	
REV.	DESCRIPTION	CHK.	DATE	APP.	DATE	SCALE
						1" = 50'
						DRAWING NUMBER
						22
						REV.
						0

MATCH LINE SHEET 20

MATCH LINE SHEET 20

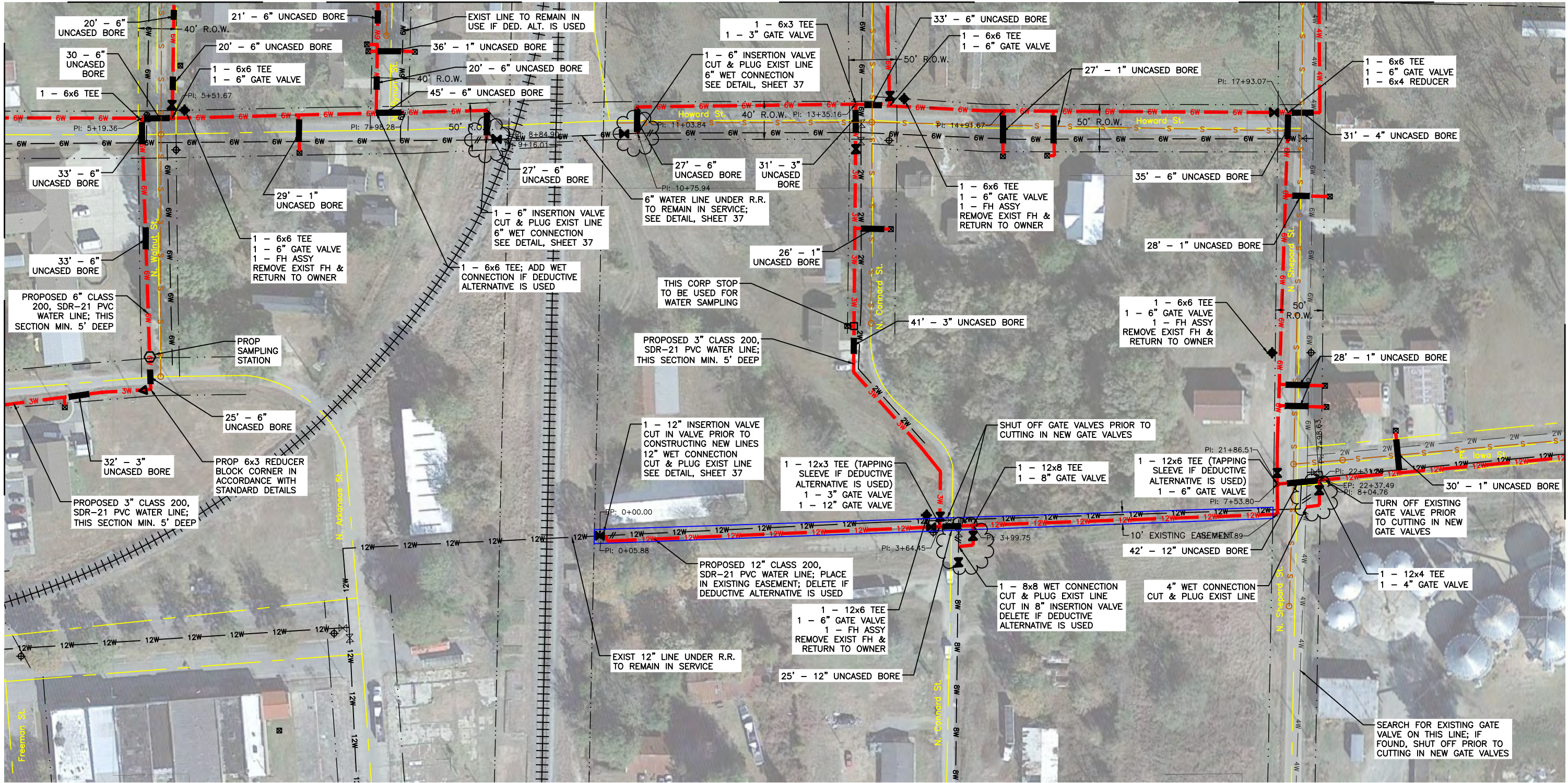
MATCH LINE SHEET 20

MATCH LINE SHEET 20

MATCH LINE SHEET 22

MATCH LINE SHEET 22

MATCH LINE SHEET 24



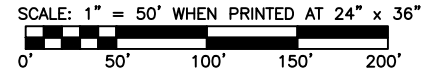
LEGEND EXISTING

— 2W — 2W —	EXISTING 2" WATER LINE
— 4W — 4W —	EXISTING 4" WATER LINE
— 6W — 6W —	EXISTING 6" WATER LINE
— 8W — 8W —	EXISTING 8" WATER LINE
— 10W — 10W —	EXISTING 10" WATER LINE
— 12W — 12W —	EXISTING 12" WATER LINE
⊕	EXISTING GATE VALVE
⊕	EXISTING FIRE HYDRANT
⊕	EXISTING WATER METER
— S — S — S —	EXISTING SEWER LINE
— — — — —	EXISTING STREET CENTER LINE
	EXISTING RAILROAD
	EXISTING R.O.W.

LEGEND PROPOSED

— 3W — 3W —	PROPOSED 3" WATER LINE
— 4W — 4W —	PROPOSED 4" WATER LINE
— 6W — 6W —	PROPOSED 6" WATER LINE
— 8W — 8W —	PROPOSED 8" WATER LINE
— 10W — 10W —	PROPOSED 10" WATER LINE
— 12W — 12W —	PROPOSED 12" WATER LINE
— W — W —	PROPOSED WATER SERVICE LINE
⊕	PROPOSED GATE VALVE
⊕	PROPOSED FIRE HYDRANT
⊕	PROPOSED NEW CUSTOMER METER
⊕	PROPOSED BORE
⊕	PROPOSED SAMPLING STATION
⊕	PROPOSED SILT FENCING
— — — — —	PROPOSED 10' UTILITY EASEMENT

- NOTES:**
1. WATER LINES, VALVES, METERS, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS FOR CLARITY. CONTRACTOR TO LOCATE VALVES ON SAME SIDE OF ROAD AS TEE CONNECTIONS.
 2. PROPERTY & R.O.W. LINES SHOWN ARE APPROXIMATE AND ARE NOT BASED ON FIELD SURVEY.
 3. LOCATE PROPOSED WATER LINES A MINIMUM OF 10' FROM EXISTING SANITARY SEWERS AND MANHOLES, 5' FROM EXISTING WATER LINES, AND/OR 5' FROM R.O.W. AS APPLICABLE.
 4. CONTRACTOR TO PROVIDE VALVE BOX & CONCRETE COLLAR ON ALL GATE VALVES PER STANDARD GATE VALVE INSTALLATION DETAIL.
 5. CONNECT EXISTING METERS TO NEW WATER LINES, AS APPLICABLE.

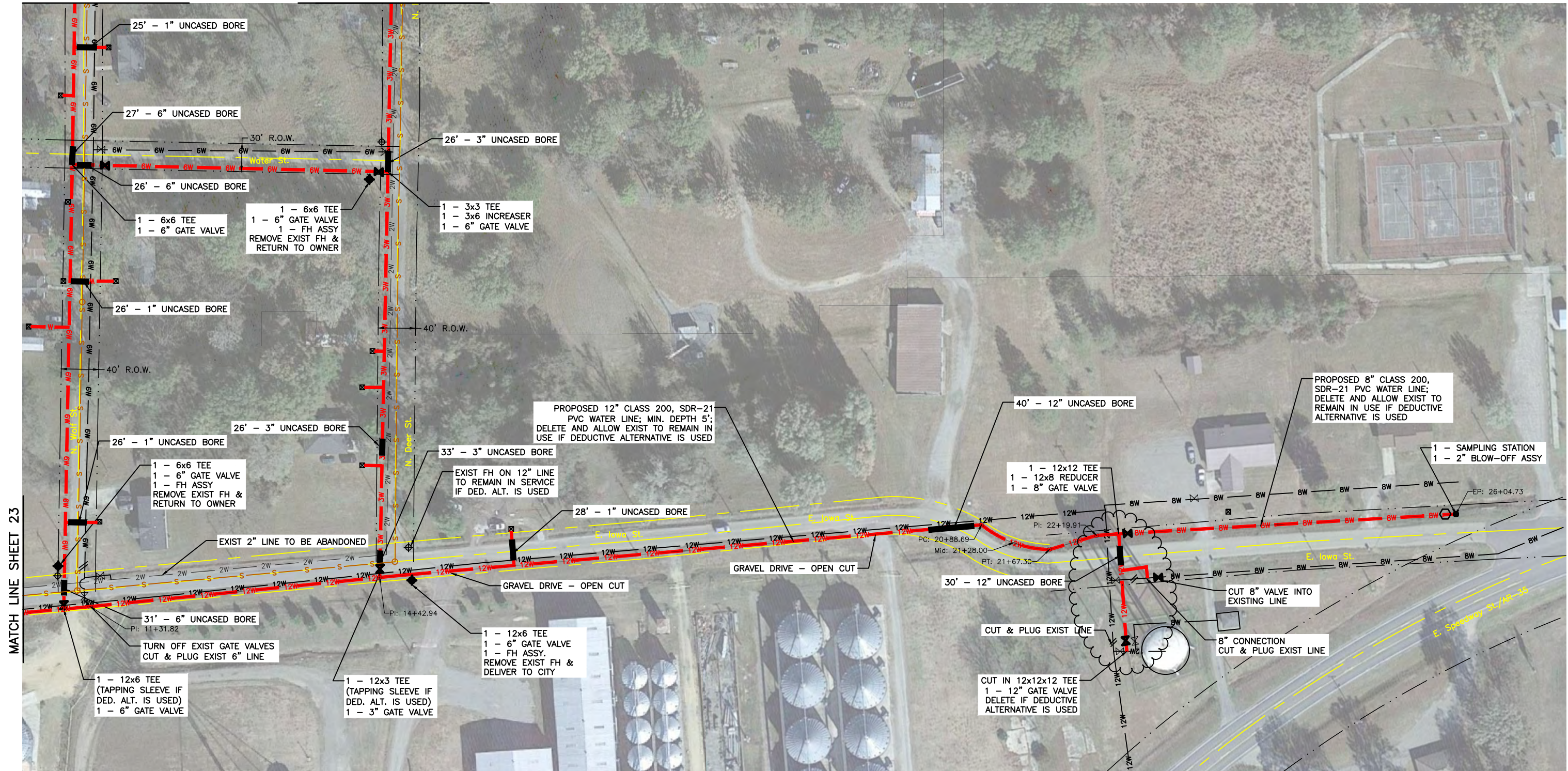


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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
AND EXTENSIONS
PLANS**

A-1	ADDENDUM - POSITION OF INSERTION VALVES	01/2024	DESIGNED BY WRG	CHECKED BY
	MOVE CERTAIN LINES TO OTHER SIDE OF STREET	12/2023	DRAWN BY JKD	APPROVED BY
	ADD STATIONING TO CERTAIN LINES	10/2023	DATE: 12-2022	JOB NO:
REV.	DESCRIPTION	CHK.	DATE	APP.
				SCALE: 1" = 50'
				DRAWING NUMBER: 23
				REV. 0



MATCH LINE SHEET 23

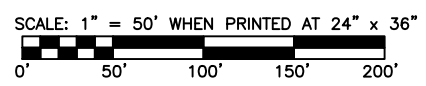
LEGEND EXISTING

— 2W —	EXISTING 2" WATER LINE
— 4W —	EXISTING 4" WATER LINE
— 6W —	EXISTING 6" WATER LINE
— 8W —	EXISTING 8" WATER LINE
— 10W —	EXISTING 10" WATER LINE
— 12W —	EXISTING 12" WATER LINE
⊗	EXISTING GATE VALVE
⊕	EXISTING FIRE HYDRANT
⊙	EXISTING WATER METER
— S —	EXISTING SEWER LINE
— C —	EXISTING STREET CENTER LINE
	EXISTING RAILROAD
— — —	EXISTING R.O.W.

LEGEND PROPOSED

— 3W —	PROPOSED 3" WATER LINE
— 4W —	PROPOSED 4" WATER LINE
— 6W —	PROPOSED 6" WATER LINE
— 8W —	PROPOSED 8" WATER LINE
— 10W —	PROPOSED 10" WATER LINE
— 12W —	PROPOSED 12" WATER LINE
— W —	PROPOSED WATER SERVICE LINE
⊗	PROPOSED GATE VALVE
⊕	PROPOSED FIRE HYDRANT
⊙	PROPOSED NEW CUSTOMER METER
— — —	PROPOSED BORE
⊙	PROPOSED SAMPLING STATION
— — —	PROPOSED SILT FENCING
— — —	PROPOSED 10' UTILITY EASEMENT

- NOTES:**
1. WATER LINES, VALVES, METERS, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS FOR CLARITY. CONTRACTOR TO LOCATE VALVES ON SAME SIDE OF ROAD AS TEE CONNECTIONS.
 2. PROPERTY & R.O.W. LINES SHOWN ARE APPROXIMATE AND ARE NOT BASED ON FIELD SURVEY.
 3. LOCATE PROPOSED WATER LINES A MINIMUM OF 10' FROM EXISTING SANITARY SEWERS AND MANHOLES, 5' FROM EXISTING WATER LINES, AND/OR 5' FROM R.O.W. AS APPLICABLE.
 4. CONTRACTOR TO PROVIDE VALVE BOX & CONCRETE COLLAR ON ALL GATE VALVES PER STANDARD GATE VALVE INSTALLATION DETAIL.
 5. CONNECT EXISTING METERS TO NEW WATER LINES, AS APPLICABLE.

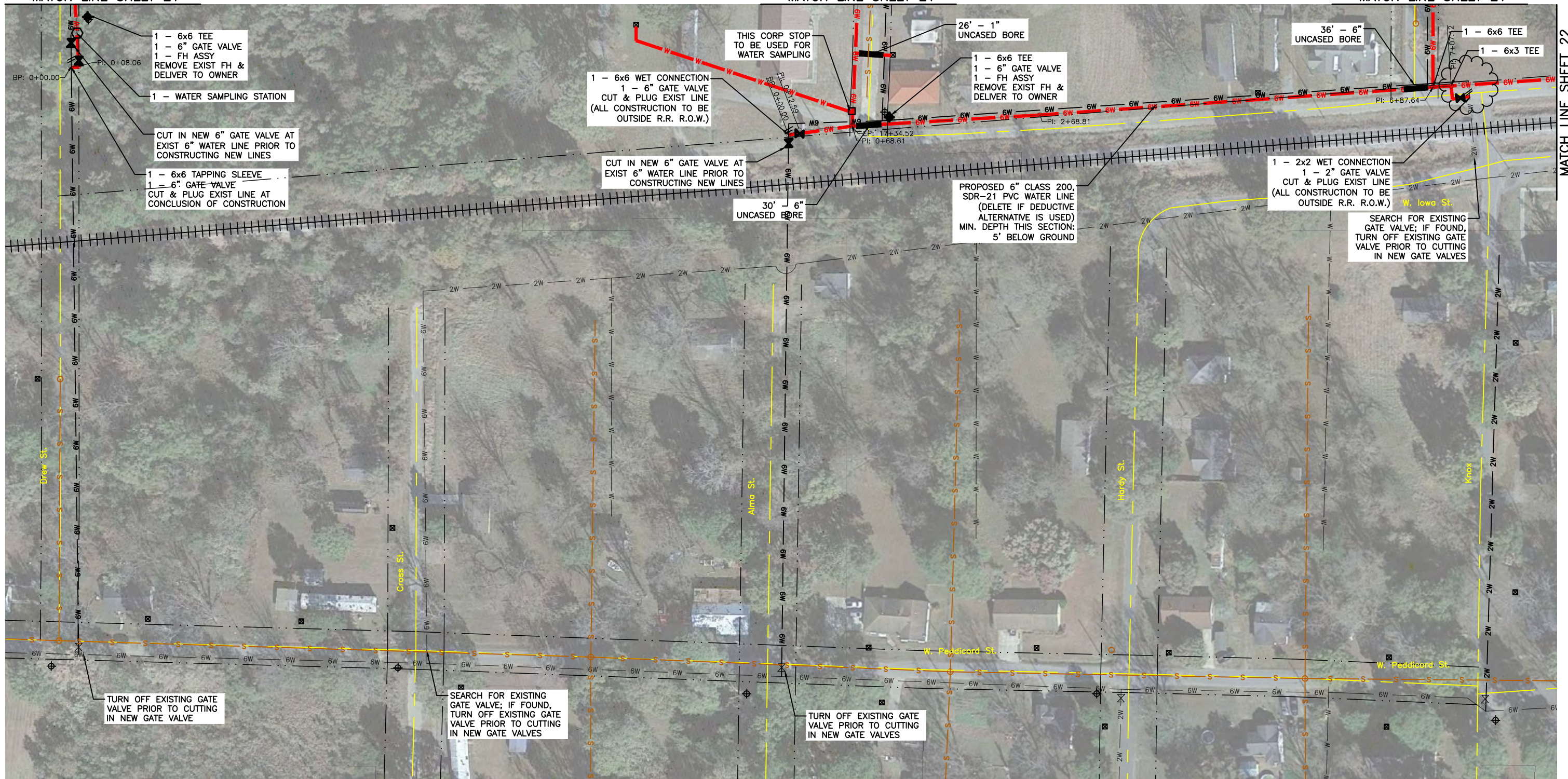


REV.	DESCRIPTION	CHK.	DATE	APP.	DATE	DESIGNED BY	WRG	CHECKED BY	
A-1	REVISE CONNECTION AT TANK		01/2024			DRAWN BY	JKD	APPROVED BY	
	MOVE CERTAIN LINES TO OTHER SIDE OF STREET		12/2023			DATE: 12-2022	JOB NO:	ITEM NO:	
	ADD STATIONING, MOVE LINE INSIDE R.O.W.		10/2023			SCALE	DRAWING NUMBER	REV.	
						1" = 50'	24	0	

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CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
AND EXTENSIONS
PLANS



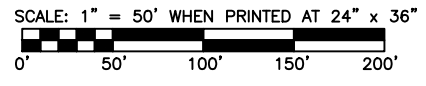
LEGEND EXISTING

— 2W —	EXISTING 2" WATER LINE
— 4W —	EXISTING 4" WATER LINE
— 6W —	EXISTING 6" WATER LINE
— 8W —	EXISTING 8" WATER LINE
— 10W —	EXISTING 10" WATER LINE
— 12W —	EXISTING 12" WATER LINE
⊗	EXISTING GATE VALVE
⊕	EXISTING FIRE HYDRANT
⊙	EXISTING WATER METER
— S —	EXISTING SEWER LINE
— — —	EXISTING STREET CENTER LINE
	EXISTING RAILROAD
— — —	EXISTING R.O.W.

LEGEND PROPOSED

— 3W —	PROPOSED 3" WATER LINE
— 4W —	PROPOSED 4" WATER LINE
— 6W —	PROPOSED 6" WATER LINE
— 8W —	PROPOSED 8" WATER LINE
— 10W —	PROPOSED 10" WATER LINE
— 12W —	PROPOSED 12" WATER LINE
— W —	PROPOSED WATER SERVICE LINE
⊗	PROPOSED GATE VALVE
⊕	PROPOSED FIRE HYDRANT
⊙	PROPOSED NEW CUSTOMER METER
— — —	PROPOSED BORE
⊙	PROPOSED SAMPLING STATION
~~~~~	PROPOSED SILT FENCING
~~~~~	PROPOSED 10' UTILITY EASEMENT

- NOTES:**
1. WATER LINES, VALVES, METERS, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS FOR CLARITY. CONTRACTOR TO LOCATE VALVES ON SAME SIDE OF ROAD AS TEE CONNECTIONS.
 2. PROPERTY & R.O.W. LINES SHOWN ARE APPROXIMATE AND ARE NOT BASED ON FIELD SURVEY.
 3. LOCATE PROPOSED WATER LINES A MINIMUM OF 10' FROM EXISTING SANITARY SEWERS AND MANHOLES, 5' FROM EXISTING WATER LINES, AND/OR 5' FROM R.O.W. AS APPLICABLE.
 4. CONTRACTOR TO PROVIDE VALVE BOX & CONCRETE COLLAR ON ALL GATE VALVES PER STANDARD GATE VALVE INSTALLATION DETAIL.
 5. CONNECT EXISTING METERS TO NEW WATER LINES, AS APPLICABLE.

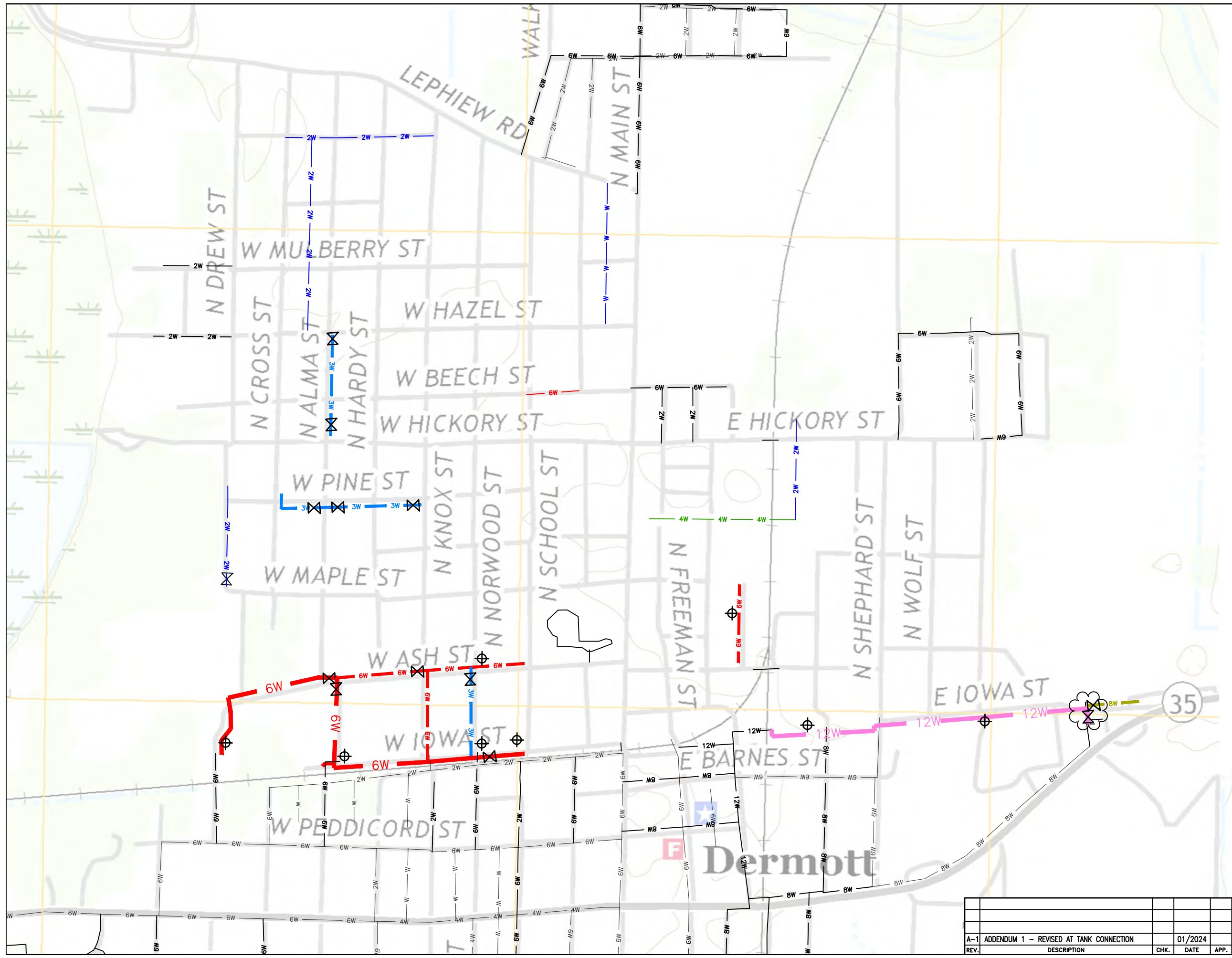


DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 12-2022	JOB NO:	ITEM NO:	
SCALE	DRAWING NUMBER	REV.	
1" = 50'	25	0	

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CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
AND EXTENSIONS
PLANS



- LEGEND**
- LINES TO BE ABANDONED WITHOUT REPLACEMENT:**
- W — EXISTING SMALL SIZE LINE
 - 2W — EXISTING 2" WATER LINE
 - 4W — EXISTING 4" WATER LINE
 - 6W — EXISTING 6" WATER LINE
 - ⊗ EXISTING GATE VALVE
- LINES TO BE REPLACED UNLESS DEDUCTIVE ALTERNATIVE IS USED:**
- 3W — PROPOSED 3" WATER LINE
 - 4W — PROPOSED 4" WATER LINE
 - 6W — PROPOSED 6" WATER LINE
 - 8W — PROPOSED 8" WATER LINE
 - 10W — PROPOSED 10" WATER LINE
 - 12W — PROPOSED 12" WATER LINE
 - ⊗ PROPOSED GATE VALVE
 - ⊕ PROPOSED FIRE HYDRANT
- EXISTING LINES TO REMAIN IN SERVICE:**
- W — EXISTING SMALL SIZE LINE
 - 2W — EXISTING 2" WATER LINE
 - 4W — EXISTING 4" WATER LINE
 - 6W — EXISTING 6" WATER LINE
 - 8W — EXISTING 8" WATER LINE
 - 10W — EXISTING 10" WATER LINE
 - 12W — EXISTING 12" WATER LINE

SCALE: 1" = 300' WHEN PRINTED AT 24" x 36"

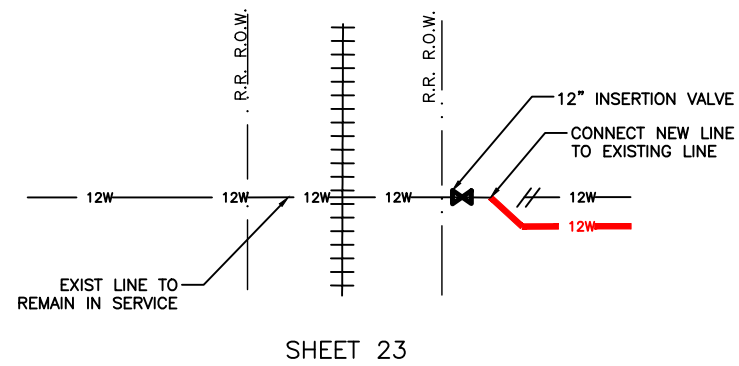
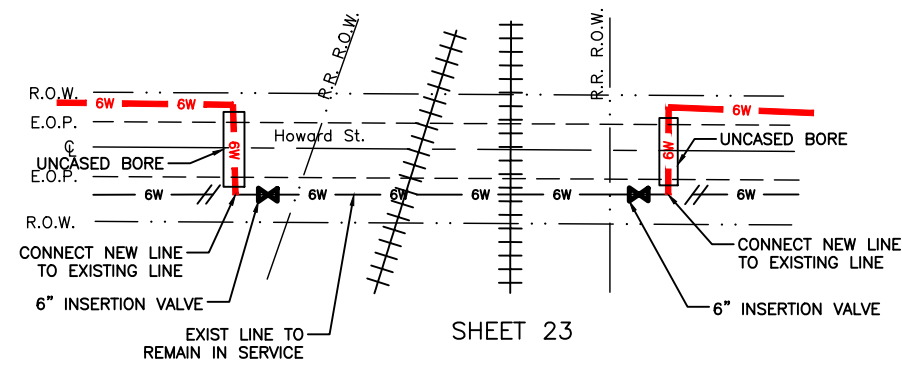
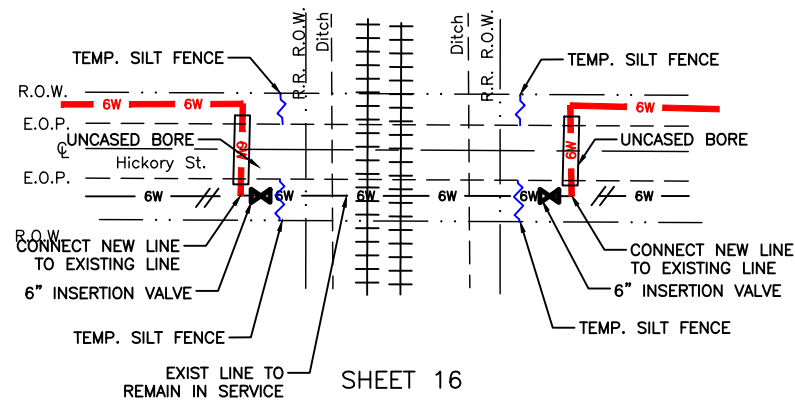
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CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
GENERAL LAYOUT
DEDUCTIVE ALTERNATIVE

DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 12-2022	JOB NO:	ITEM NO:	
SCALE: 1" = 300'		DRAWING NUMBER	REV.
		37	0

A-1 ADDENDUM 1 - REVISED AT TANK CONNECTION	01/2024	DATE	APP.	DATE
REV.	DESCRIPTION	CHK.	DATE	APP.



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**CITY OF DERMOTT
WATER SYSTEM REPLACEMENT
RAILROAD CROSSING DETAILS**

DESIGNED BY	WRG	CHECKED BY	
DRAWN BY	JKD	APPROVED BY	
DATE: 03-2023	JOB NO:	ITEM NO:	
SCALE	DRAWING NUMBER	REV.	
N.T.S.	38	0	

REV.	DESCRIPTION	CHK.	DATE	APP.	DATE
A-1	ADDENDUM 1 -- POSITION OF INSERTION VALVES		01/2024		
	MOVED CERTAIN LINES TO OTHER SIDE OF STREET		12/2023		