

ADDENDUM No. 1

RFP No. 26-17

S Maple, Arbordale St, Sherwood St, and Sherwood Cir Improvements

Due: Tuesday, March 17, 2026 at 11:00 A.M. (local time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes 102 pages.**

The Proposer is to acknowledge receipt of this Addendum No. 1 by signing and submitting Attachment B, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.

The following forms provided within the RFP Document should be included in submitted proposal:

- **Attachment B – General Declarations**
- **Attachment D - Prevailing Wage Declaration of Compliance**
- **Attachment E - Living Wage Declaration of Compliance**
- **Attachment G - Vendor Conflict of Interest Disclosure Form**
- **Attachment H - Non-Discrimination Declaration of Compliance**

Proposals that fail to provide these completed forms listed above upon proposal opening may be rejected as non-responsive and may not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the RFP documents which are outlined below are referenced to a page or Section in which they appear conspicuously. Offerors are to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)	Change
Proposal Due Date	Prior Due Date: March 11, 2026 at 11:00 a.m. Revised Proposal Due Date: March 17, 2026 at 11:00 a.m.
Pre-Proposal Meeting Minutes	Addition of document
Schedule of Pricing / Cost	Schedule of Pricing/ Cost has been replaced in its entirety. Pages 16-23
Detailed Specifications	The following shall be replaced DS Curb Drain Open Cut

Detailed Specifications

The following have been added
DS Nitrile Gasket
DS Aggregate Base Course, 21AA, CIP
DS Wood Fence

Plan Sheets

Plan sheets replaced in their entirety.
Area 1 Maple; 1-23
Area 2 Arbordale Sherwood 1-53
Changes include: Revised cross sections. Extent of work is unchanged.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Can the bid form be made available in excel format.
Answer 1: Yes, email jdykman@a2gov.org to request the bid form in excel format.
Respondents are responsible for confirming that it matches the final bid form.

Question 2: Is there an estimated cost of construction (for bonding purposes)?
Answer 2: The engineer's estimate for the project is \$5,500,000.

Question 3: Please confirm the following:
Who is responsible for the survey layout?
Who will be performing the onsite inspection? City/Third Party Inspection
Who is responsible and what company will be performing density testing?
Answer 3: The survey layout will be performed by the City of Ann Arbor.
The onsite inspection performed by the City of Ann Arbor, Carl Emmons
The density testing will be performed by Intertek-PSI.

Question 4: Confirm temporary tie-ins to the existing water to be abandoned and removed are not required between phases. If required, please specify the temporary connection locations.
Answer 4: As it is specified in the plans:

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

Question 5: Is MDOT Class II Limestone Sand acceptable for this project?
Answer 5: No, it is too active and will likely run when we go back to excavate water services.

Question 6: The typical proposed cross sections show, Subbase 12 In, Class II, CIP on Maple and Subbase 10 In, Class II, CIP on Arbordale Sherwood. Should there be separate pay items for these?

Answer 6: The majority of the bid items are broken down by each Area (Maple, Arbordale/Sherwood) is being bid separately the unit prices do not need to match between the two-area schedule of prices, this allows contractors to reflect cost of effort for each area's pay items. More generally the sand subbase is paid for as 08000.00 "Subbase, CIP" furnish and place as a CYD unit so thickness is factored in.

Question 7: It was discussed in the pre bid meeting that on Arbordale/Sherwood the intent is to only provide a new aggregate section over the half of the road with the utility trench. Current bid plans do not reflect this.

Answer 7: A revised cross section on Sheet 6 & 8, will be issued as part of Addendum 1. Yes, we are calling for an 8" Agg Base across the half of the road width with the new watermain. Under the other side of the road the existing aggregate base will be re-used. Fine grading after HMA removal on the non-utility side will be paid for under "Machine Grading, SYD".

Question 8: Please define the payment limits for "Machine Grading, SYD".

Answer 8: The definition of the "Machine Grading" pay item is per City of Ann Arbor Standard Specifications.

Question 9: Please define the payment limits for "DS_Grading Roadway, SYD".

Answer 9: The special provision for "DS_Grading Roadway, SYD" is both an earth excavation to prepare the grade for the placement of Subbase and Aggregate, and fine grading pay item. Payment is calculated from CL to behind curb limits of impact along the length of that this work task was completed.

Question 10: Will there be a Agg Base, Ton pay item added to the bid form to supplement low spots within the "Machine Grading, SYD"?

Answer 10: Yes, refer to the updated Schedule of Pricing/Cost

Question 11: Are the aggregate(s), pavement replacement(s) and / or turf restoration(s) as required for temporary line stop installation incidental to the line stop pay item?

Answer 11: All the restoration work will be paid for by separate pay items for Temp lines stops restoration.

Question 12: Other recent City of Ann Arbor RFP projects have provided differing clarification regarding the requirement for external chimney seals. Please clarify expectations for this project?

Answer 12: External Chimney seals will apply to the Sanitary and Water structures which are raised prior to placing wearing coarse HMA and those set to final elevation in the concrete roadway. Please reference standard detail chimney seals

For sanitary MH's: SD-SN-1

For gate valve's in well: SD-W-3

For Storm MH's: SD-ST-1A

Those structures raised using the Core through wearing coarse and adjusted

with concrete set around the frame to final elevation shall not require a chimney seal.

Question 13: Please provide a MINIMUM length that will be paid for a short side water service transfer. The current pay item "Excavate and Backfill for Water Service Tap and Lead" is hard to provide an accurate price.

Answer 13: The short side service will have a minimum length of 5 feet, see Detailed Spec.

Question 14: Please confirm what, if any, pipe abandonment are required to be flow filled for this project?

Answer 14: The 6" sump pump line, and any pipes 12" or larger which are remaining in place shall be flow filled. Alternatively, the pipe can be removed.

Question 15: Please clarify if "Subbase CIP, CYD" will be paid for under sidewalks?

Answer 15: Yes.

Question 16: Will City trim the trees prior to the start of construction?

Answer 16: It depends, not in the Surrey Park sub and any work outside of the Maple Street ROW. Yes, along Maple ROW and along Arbordale/Sherwood the City has already gone through and trimmed.

Question 17: Most of the curb in the project has an HMA overlay. Can you please confirm what item the curb overlay will be paid for and how it will be measured?

Answer 17: HMA overlay on the gutter pan shall be removed and paid for as "DS_Concrete Curb and Gutter Reveal, SYD"

Question 18: Will preconstruction video be required for this project? Can a bid item for this work be added?

Answer 18: The City will be conducting preconstruction video for this project and no video is required by the contractor.

Question 19: Can you please provide the following clarifications for the Subbase, CIP items.

- a. The typical road cross section in Area I for Maple Road notes a sand subbase, Subbase, 12 In. Class II, CIP. Please confirm in what bid item this is to be paid.
- b. The typical road cross section in Area II for notes a sand subbase, Subbase, 10 In. Class II, CIP. Please confirm in what bid item this is to be paid.
- c. Will the sand subbase under the sidewalk items be paid for as "Subbase, CIP?" If not please clarify how the sand subbase will be paid for all sidewalk related work.

Answer 19: Payment for the 12 In. Subbase for Maple Road is in the bid form section, AREA I: MAPLE WATER PRESSURE IMPROVEMENTS, "Subbase, CIP" paid by the cubic yard. The bid item that will pay for the sand subbase in Area II is in the bid form section, AREA II: ARBORDALE STREET, SHERWOOD STREET, AND SHERWOOD CIRCLE IMPROVEMENTS, "Subbase, CIP" paid by the cubic yard. The goal of separating these items by area, along with other repeat items, is for the contractor to provide a price based on the efforts of each item within each area. Yes, sand subbase for sidewalk related work will be paid for by "Subbase, CIP."

- Question 20: Can you please provide the following clarification for Machine Grading and DS_Grading Roadway Items.
- How will the limits of Machine Grading be quantified for payment for.
 - How will the limits of DS_Grading Roadway be qualified for payment.
- Answer 20: Based on the work performed. DS_Grading Roadway is be paid for new road sections receiving a new subbase and aggregate base. Machine Grading will be paid for the remaining road section.
- Question 21: What are the limits of Machine Grading vs. DS_Grading Roadway in Area I? Ie. What are the limits of the parking lot to receive a new section.
- Answer 21: In the private roads, we are placing 8 inch aggregate base over the WM trench prepping the grade for the agg base will be paid for under "DS Grading Roadway". Area receiving HMA restoration beyond the WM trench shall be final graded paid for under "Machine Grading".
- Question 22: Please provide the typical road section for Sherwood Circle.
- Answer 22: See Addendum Sheet "8" added in the addendum.
- Question 23: Please provide or clarify the typical road section to follow the side street connections in Area II.
- Answer 23: The typical road sections for the side streets in Area II will follow that of the Arbordale/Sherwood sections. Subbase and aggregate base will be required on the water main half of the road, and the other half will be compacted in place, with agg base placed as deemed necessary by the Engineer.
- Question 24: Please clarify how the 21AA stone will be paid within the utility trenches outside of the proposed new road section areas.
- Answer 24: The furnishing and placement of backfill is inclusive in the utility trench pay item, 21AA Aggregate is paid for under the Aggregate Base, 1/2 In., 21AA, CIP
- Question 25: Will the sand subbase be paid for in utility trenches outside of the proposed new road section?
- Answer 25: Yes, up to 1 Foot behind back of curb.
- Question 26: If additional 21AA limestone is required on the side of the road that is not receiving a new section how is the stone to be paid? Can a pay item for this stone be added if incidental?
- Answer 26: An Aggregate 21AA, Tons pay item has been added to the Schedule of Pricing / Cost and will be paid for by stone used on the machine grading area to fix base to obtain cross fall.
- Question 27: Please provide clarification for following project phasing related questions.
- The progress schedule notes specific start and end dates for phase II work. Can these dates move up?
 - Is there any allowable overlap in work for PH I and PH II?
 - Is there any allowable overlap in PHII and PH III work?
- Answer 27: The start and end dates for phase II can move up if phase I is completed early. Phase II will be allowed to overlap with phase I upon substantial completion of phase I and Engineer approval. Phase III will be allowed to overlap with phase II upon substantial completion of phase II and Engineer approval.

Question 28: The water main work at both proposed check valves in Area I is shown in the same alignment as the existing water main. The proposed water main work will require the new water main to be tested and chlorinated. This will require the existing water main to be temporarily capped and taken out of service to install per plan. Please provide any limitations or required sequencing of this work the bidding contractors will need to follow? Is there sufficient looping of the existing water main to allow both check valve areas at the same time?

Answer 28: The current plan is to place a valve at each end to create a deadline. The existing water main can then be removed. The check valve and water main outside of the vault can be installed. Prior to re-connection perform pressure and bacteriological testing. There should be sufficient looping to allow both check valves at the same time.

Question 29: Please confirm the required location of temporary water main tie-ins between phase II and phase III.

Answer 29: These are up to the contractors means and methods as approved by the Project Engineer.

Question 30: Please clarify when / where "Aggregate Base, 6", 21AA, CIP" will be utilized / paid

Answer 30: Used under driveway approaches.

Question 31: Can the cost of the check valve vault please be provided.

Answer 31: List price Check Valve and vault are \$80,000/ 8-inch and \$85,000/. 10 inch. Contractor shall verify with Jett Pump.

Question 32: What is the proposed pick weight of the check valve vault.

Answer 32: Check Vaults come in two parts Bottom and Top. Bottom section 15,000 lbs Top section 14,000 lbs.

Question 33: Please consider adding a pay item for HMA hand patching in Area II schedule of items.

Answer 33: HMA Hand patch pay item has been added to the Schedule of Pricing / Cost.

Question 34: How is the aggregate under the proposed curb paid?

Answer 34: It will be paid for as Aggregate Base, 8 In., 21AA, CIP

Question 35: The plans depict new curbs in areas where a complete road section is not being installed. How is the excavation for the proposed curb paid.

Answer 35: The removal of curb will be paid by "Curb, Gutter, and Curb and Gutter, Any Type, Rem."

Question 36: Can the Sewer reports for this project please be provided.

Answer 36: Sanitary PACP report will be shared with the award contractor at the time of Notice to proceed.

- Questions 37: Please provide additional clarifications for the following DS_Curb Drain Items.
- What is the depth of the curb drain? Only minimum slope is noted in the plans.
 - Can a profile be provided of the curb drain to evaluate existing crossing conflicts?
 - Please provide the bedding and backfill detail for the proposed curb drain pipe.
 - In areas outside of roadway grading will the 21AA road section be paid?
 - The special provision notes "No extra will be paid to re-excavate the trench and place new backfill." How is the pipe being paid in these areas? It will be a sperate item of work please consider paying all curb drain by the LF installed.
 - Please confirm the curb drain "service lead" from the wye to the capped lead, 2' behind the curb will be paid by the LF.
 - Will all curb be removed and replaced to install the curb drain "service lead" beyond the back of curb? Are the contractors expected to tunnel under the existing curb in not planned for removal?

Answer 37: The depth must be below the frost line at a minimum of 3 ft. No profile will be provided. Follow ST-TD-1 for bedding and backfill. The Detailed Specification has been revised to remove the language regarding no extra payment for re-excavation, curb drain installed will be paid by the LF. Yes, the service leads will be paid by LF. Yes, all curb will be removed and replaced.

Question 38: Will any storm taps be considered incidental for this project or will all proposed storm sewer taping into an existing storm structure be paid under "Storm Sewer Tap, 12 In."

Answer 38: All proposed storm sewer tapping into an existing storm structure will be paid under "Storm Sewer Tap, 12 In."

Question 39: It was noted in the pre-bid meeting that locating the existing sanitary sewer laterals prior to utility installation is incidental to the utility work.

- Is locating the existing sanitary sewer lateral required before utility installation or only recommended?
- Will the contractor receive any compensation to remove and replace the lateral if deemed to be in the way?
If the contractor locates the existing sanitary lateral as required prior to installation and there is a conflict with the proposed water main profile how will the contractor be compensated for the necessary modification to avoid the existing sanitary lateral.

Answer 39: Location is only recommended to avoid conflict and claims. Yes a 6 In., SDR 26 PVC Sanitary Service Lead, SD-TD-2, Ft has been added to the bid form. To be used if there is a conflict with the proposed WM and needs to be rerouted, but not to be used if the sanitary lateral is exposed above the WM in the trench.

Question 40: In Area 1 at the Breckenridge Connection there will a piece of 10" pipe required to go from the 12"x10" Reducer to the 10" Sleeve. (Plan Sheet 16) I do not see a 10" water main pipe item. Can you please add to Area 1 bid Form?

Answer 40: Yes See updated Schedule of Pricing / Cost

Question 41: At the intersection of Pauline will it be required to remove the 12"x8" Tee or just cap the 8" Tee? as part of the abandonment? (Plan Sheet 21)

Answer 41: Only a cap for the 8". The updated plans now call out an 8" cap.

Question 42: Can you please confirm the intent is to tie back into the existing hydrant at station 11+38 Area II. If not, will it get a new hydrant or removed?

Answer 42: Yes, the intent is to tie into the existing hydrant lead.

Question 43: There are two shown existing water mains depicted on Northwood. Is one of them already abandoned?

Answer 43: Yes, the 6" water main was previously abandoned on Northwood St.

Question 44: Please confirm any part width drive approach construction required for pavement restoration in Area 1.

- Jade Court approach?
- S. Maple Road Pavement at Jade and Banyon?

Answer 44: The Jade Ct approach will need to be constructed in two halves to allow residents in and out of the court. There should be sufficient room to allow cars to not have to do S Maple Road pavement in halves at Jade and Banyon.

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.

Pre-Proposal Meeting
Maple & Arbordale Sherwood Improvement Projects
February 27, 2026 @ Ann Arbor City Hall, 4th Floor Conference Room & via Microsoft Teams

- I. City Introductions
 - a. Project Manager – Jacob Dykman & Nicholas Bayley
 - b. Inspection - Carl Emmons
 - c. Construction Staking – City of Ann Arbor
 - d. Design Team – Alli Bennet
 - e. JETT Pump & Valve – John Bressler

- II. Project Overview

The Project will be split into two Areas:

- a. Area I: Surrey Park & S Maple Rd
 - i. Water main installation:
 - 1. North Durango Dr – Connect to Avant Ave WM to the north
 - 2. South Durango Dr – Connect Breckenridge Dr to Keystone Ln
 - 3. S Maple Rd
 - a. Connect Jade Ct to Banyan Ct, cut and cap existing water main
 - b. 8" Water Main running from Maple to Banyan Ct is in 20" steel casing.
 - 4. Check Valves – The goal of installing these check valves is to prevent flow from the 20" WM on Maple Rd. The water pressures provided by the 20" WM on Maple Rd are low. A pump station was installed as a part of the new Avant neighborhood to the north to increase pressures. The City's goal is to create an independent pressure district to expand the use of the pump station to the south. The 20" WM on Maple will only provide flow during fires and while to pump station is offline during electrical outages.

A Detail will be provided by JETT Pump & Valve that will include the pre-cast vault, check valve, reducers, supports, flange adaptor for dismantling, etc.
 - ii. Road Resurfacing
 - 1. Surrey Park Neighborhood
 - a. Put back 2" of asphalt with 8" of 21AA base in Surrey Park Neighborhood where water main is placed.
 - b. Contractor should be aware of thin pavement in this neighborhood and should attempt to limit damage by using equipment suitable for 2" asphalt. Specific equipment that could be used in this area should be included in proposal.

- c. HMA Curb – The City has contacted the Surrey Park property management group who approved concrete curb if necessary.
 - 2. S Maple Rd
 - a. 8" non-reinforced concrete road
 - b. Area II: Arbordale/Sherwood
 - i. Water main & storm sewer installation will be phased:
 - 1. Phase II: Sherwood St & Sherwood Cir
 - 2. Phase III: Arbordale St
 - a. Nitrile gaskets to be used across frontage of gas station
 - ii. Storm Utilities
 - 1. All storm leads are non-reinforced concrete pipe needing to be replaced.
 - 2. Most catch basins are croc-inlets needing to be replaced. CBs not being replaced will get new covers.
 - 3. Arbordale/Sherwood/Northwood intersection reconfiguration
 - a. Temporary storm connections will be needed while laying water main and new storm through this intersection.
 - 4. Curb Drain, Footing drain discharge pipe
 - a. Filling curb drain gap
 - i. Arbordale from Northwood to Northwood
 - ii. Southern end of Sherwood St
 - iii. Sherwood Cir
 - iii. Road resurfacing
 - 1. The asphalt is currently overlaid east of Ivydale Ave, it will be repaved to the edge of metal, exposed gutter pan.
 - c. Engineer's estimate - \$553M
- III. General Items
 - a. AA Standard Specifications – 2025 Fall
 - i. DIP Class 350 WM with polywarp and tracer wire
 - b. Detailed Specifications
 - i. Schedule and Payment
 - ii. Area I Maple Phase 1: May 18 – July 13
 - iii. Area II Sherwood Phase 2: July 6 – Sept 8
 - iv. Area II Arbordale Phase 3: Sept 9 – Nov 23
 - c. Grading
 - i. No trash allowed in trenches
 - ii. Machine Grading Vs DS Roadway Grading
 - 1. High production proof roll will be a line item.
 - 2. Roadway grading includes proof roll of course to remain. Undercutting or high production undercutting will be determined after proof roll.

- d. Locate Sanitary Leads
 - 1. San leads must be located by contractor since they are not located by Miss Dig. Incidental to WM ft pay items
- e. Curb Drain
 - 1. Curb drain will be open cut operation using x" SDR 26 pipe.
 - 2. Install a wye and stub for each house, location will be determined in the field.
 - 3. Put a bend on the end and add a buried cleanout in the greenbelt, paid for as Curb Drain Clean out.
- f. Water Services- Excavate and Backfill for Water Service Tap and Leads
 - 1. Contractor excavates trench City PW tap the main and install corp stop and copper service back to the existing service and tie-in.
 - 2. When services are near each other share a trench where possible.
 - 3. The length of the long service will be paid when a trench is shared, minimum 5 feet.
- g. HMA Acceptance
 - 1. MDOT LAP Range 1 Range 2 material performance is required on this project
- h. MH Adjustment
 - i. Structure Cover, Adjust item applies to existing frames only. All Adjust Structure will get a new frame, if the lid cannot be reused it is paid for under Structure Cover Item 563.1 units Ea.
- i. Misc. construction items
 - 1. Save trees where possible
- j. Accessibility
 - i. Access to driveways - Contractor responsible for maintaining access to driveways during construction, and notifying residents when access will be unavailable (i.e. during water main installation, during paving, concrete work)
 - ii. Half width HMA removal for WM trench / storm replacements this will provide a construction vehicle surface and reduce dust and soil erosion.
 - iii. Other Half width HMA removal prior to HMA placement
 - iv. Must maintain local traffic
 - 1. Must maintain a drivable surface. 21AA does not have to be used, millings or existing base may be used.
 - v. Trash and Recycling-The contractor will be responsible for making sure that resident carts and/or dumpsters are able to be picked up weekly. This may include moving them to and from a location that the waste collection truck is able to access them. This cost is incidental to General Conditions.
 - 1. Garbage day is Thursday for both areas
 - vi. Mail service is walked door to door. Contractor shall ensure that USPS has sufficient space to pass to make their daily deliveries.
- k. Davis Bacon Wage Decisions

Certified Payroll Compliance – using Prevailing Wage Rate determination for Highway and Heavy -General Construction last modified will apply to this project

Heavy MI20260074, Mod 0 01/02/2026
Highway MI20260001, Mod 1 01/09/2026

IV. Addendum Items

- a. Addendum #1 – will include the following and will be issued the week of March 2:
 - i. Include Pre-Proposal Meeting Minutes
 - ii. Updated Bid Form
 - New Items
 - 1. Wood Fence Around Waste Receptacle on Durango South
 - 2. Nitrile Gasket for 8-inch WM on Arbordale along Gas station lot line
 - iii. Details of the Pre-assembled Cla-Val Check Valve and Well Unit
 - iv. Any revisions to the Plans and Specs related to questions received.

V. Proposal Schedule

- a. Written Questions due Monday, March 2, 2026, by 5:00PM
- b. Addendum anticipated by Friday, March 6, 2026
- c. ~~Proposal due Wednesday, March 11, 2026, by 11:00AM~~
- d. **New proposal due date: Tuesday, March 17, 2026 by 11:00 AM**
- e. Anticipated Council Award Monday, April 20, 2026
- f. Pre-Construction Meeting Monday, May 4, 2026
- g. Construction Start Monday, May 18, 2026

VI. Questions

Refer to Section II of this Addendum

Notes by:

Jake Dykman

jdyma@a2gov.org

PROJECT WIDE ITEMS

Company:

Project: S MAPLE RD, ARBORDALE ST, SHERWOOD ST, AND SHERWOOD CIR IMPROVEMENTS
File # 2025-011 RFP 26-17

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
01000.00	General Conditions, Max. \$215,000	LS	1	\$ _____	\$ _____
01001.00	Project Supervision, Max. \$110,000	LS	1	\$ _____	\$ _____
01002.00	Project Clean-Up and Restoration	LS	1	\$ _____	\$ _____
01021.00	Erosion Control, Inlet Protection, Fabric Drop	Ea	42	\$ _____	\$ _____
01030.00	Tree Protection Fence	Ft	2,519	\$ _____	\$ _____
01040.00	Minor Traffic Control, Max. \$100,000	LS	1	\$ _____	\$ _____
01041.00	Traffic Regulator Control	LS	1	\$ _____	\$ _____
01050.00	Sign, Type B, Temp, Prismatic, Furn & Oper	Sft	705	\$ _____	\$ _____
01051.00	Sign, Type B, Temp, Prismatic, Special, Furn & Oper	Sft	94	\$ _____	\$ _____
01052.00	Temporary "No Parking" Sign	Ea	155	\$ _____	\$ _____
01060.00	Lighted Arrow, Type A, Furn & Oper	Ea	2	\$ _____	\$ _____
01070.00	Sign, Portable, Changeable Message, Furn & Oper	Ea	2	\$ _____	\$ _____
01080.00	Plastic Drum, High Intensity, Lighted, Furn & Oper	Ea	212	\$ _____	\$ _____
01081.00	Channelizer Cone, High Intensity, 42 In., Furn & Oper	Ea	15	\$ _____	\$ _____
01092.00	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn & Oper	Ea	33	\$ _____	\$ _____
01100.00	Pedestrian Type II Barricade, Temp, Furn & Oper	Ea	24	\$ _____	\$ _____
01102.00	Temporary Pedestrian Ramp, Furn & Oper	Ea	4	\$ _____	\$ _____
01112.00	Pavt Mrkg Cover, Type R, Black	Ft	439	\$ _____	\$ _____
01127.00	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 In., White, Temp	Ft	1,362	\$ _____	\$ _____
01128.00	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 In., Yellow, Temp	Ft	1,125	\$ _____	\$ _____

TOTAL FOR PROJECT WIDE ITEMS
 (Also to be entered on Page 23)

\$ _____

AREA I: MAPLE WATER PRESSURE IMPROVEMENTS

Project: S MAPLE RD, ARBORDALE ST, SHERWOOD ST, AND SHERWOOD CIR IMPROVEMENTS
File # 2025-011 RFP 26-17

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
02000.01	Tree, Rem, 6 In. - 12 In.	Ea	4	\$ _____	\$ _____
02020.00	HMA, Any Thickness, Rem	Syd	2,822	\$ _____	\$ _____
02025.00	Concrete Pavt, Any Thickness, Rem	Syd	571	\$ _____	\$ _____
02030.00	Curb, Gutter, and Curb and Gutter, Any Type, Rem	Ft	366	\$ _____	\$ _____
02040.00	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem	Sft	1,152	\$ _____	\$ _____
03000.00	Machine Grading	Syd	1,750	\$ _____	\$ _____
03001.71	DS_Grading Roadway	Syd	1,106	\$ _____	\$ _____
03030.01	Exploratory Excavation, SD-TD-1, (0-10' Deep)	Ea	5	\$ _____	\$ _____
03030.02	Exploratory Excavation, SD-TD-1, Additional Depth	Ft	5	\$ _____	\$ _____
04061.00	Sanitary Structure Cover, Adjust	Ea	2	\$ _____	\$ _____
06160.01	Storm Structure Cover	Ea	1	\$ _____	\$ _____
06160.02	Storm Structure Cover, Adjust	Ea	4	\$ _____	\$ _____
06183.02	Underdrain, Edge, 6 In.	Ft	240	\$ _____	\$ _____
07000.02	6 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	10	\$ _____	\$ _____
07000.03	8 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	699	\$ _____	\$ _____
07003.03	10 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	15	\$ _____	\$ _____
07000.05	12 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	66	\$ _____	\$ _____
07011.01	8 In. 90° DIP Bend	Ea	1	\$ _____	\$ _____
07011.02	8 In. 45° DIP Bend	Ea	5	\$ _____	\$ _____
07020.03	8 In. X 6 In. DIP Reducer	Ea	2	\$ _____	\$ _____
07020.09	12 In. X 8 In. DIP Reducer	Ea	1	\$ _____	\$ _____
07020.10	12 In. X 10 In. DIP Reducer	Ea	1	\$ _____	\$ _____
07030.13	12 In. X 12 In. X 8 In. DIP Tee	Ea	1	\$ _____	\$ _____
07049.02	Gate Valve in Box, 8 In.	Ea	1	\$ _____	\$ _____
07050.04	Gate Valve in Box, 12 In.	Ea	2	\$ _____	\$ _____
07060.02	Gate Valve in Well, 8 In.	Ea	1	\$ _____	\$ _____
07061.71	DS_Check Valve in Well, 8 in.	Ea	1	\$ _____	\$ _____
07061.72	DS_Check Valve in Well, 10 in.	Ea	1	\$ _____	\$ _____
07071.02	Tapping Sleeve & Valve in Well, 8 In.	Ea	1	\$ _____	\$ _____

TOTAL THIS PAGE 17
 (Also to be entered on Page 19)

\$ _____

07080.71 DS_Excavate & Backfill For Water Service Tap and Lead	Ft	10	\$ _____	\$ _____
07091.00 Water Structure Cover, Adjust	Ea	1	\$ _____	\$ _____
07100.00 Fire Hydrant Assembly, Complete	Ea	1	\$ _____	\$ _____
07102.00 Fire Hydrant Assembly, Rem	Ea	2	\$ _____	\$ _____
07110.01 Sacrificial Anode, 17-pound	Ea	11	\$ _____	\$ _____
07110.02 Sacrificial Anode, 32-pound	Ea	2	\$ _____	\$ _____
07130.01 Temporary Water Main Line Stop, 8 In. or less	Ea	2	\$ _____	\$ _____
07130.02 Temporary Water Main Line Stop, 10 In.	Ea	1	\$ _____	\$ _____
07130.03 Temporary Water Main Line Stop, 12 In.	Ea	1	\$ _____	\$ _____
07130.06 Temporary Water Main Line Stop, 20 In.	Ea	1	\$ _____	\$ _____
07131.70 Temporary Water Main Line Stop, Additional Rental Day, 10 In or less	Ea	6	\$ _____	\$ _____
07131.71 Temporary Water Main Line Stop, Additional Rental Day, 12 In.	Ea	2	\$ _____	\$ _____
07131.72 Temporary Water Main Line Stop, Additional Rental Day, 20 In.	Ea	2	\$ _____	\$ _____
07140.03 Water Main Pipe, 8 In. Dia., Abandon	Ft	178	\$ _____	\$ _____
07140.05 Water Main Pipe, 12 In. Dia., Abandon	Ft	86	\$ _____	\$ _____
07150.03 Water Main Pipe, 8 In. Dia., Rem	Ft	46	\$ _____	\$ _____
07150.05 Water Main Pipe, 12 In. Dia., Rem	Ft	67	\$ _____	\$ _____
07160.03 Gate Valve in Box, 8 In. Dia., Abandon	Ea	1	\$ _____	\$ _____
07190.04 Gate Valve in Well, 10 In. Dia., Rem	Ea	1	\$ _____	\$ _____
08000.00 Subbase, CIP	Cyd	150	\$ _____	\$ _____
08010.03 Aggregate Base, 8 In., 21AA, CIP	Syd	660	\$ _____	\$ _____
08060.00 HMA Hand Patch	Ton	5	\$ _____	\$ _____
08061.71 HMA Curb	Ft	271	\$ _____	\$ _____
08070.14 HMA, 4EL	Ton	535	\$ _____	\$ _____
08071.00 HMA Approach	Ton	63	\$ _____	\$ _____
08080.03 Conc Pavt, Non-Reinf, 8 In.	Syd	54	\$ _____	\$ _____
08090.01 Joint, Contraction, Cp	Ft	180	\$ _____	\$ _____
08090.71 Joint, Contraction, Crg	Ft	82	\$ _____	\$ _____
08091.71 Lane Tie, Epoxy Anchored	Ea	230	\$ _____	\$ _____
08100.03 Conc Pavt With Integral Curb, Non-Reinf, 8 In.	Syd	519	\$ _____	\$ _____
08110.00 Conc, Curb or Curb & Gutter, All Types	Ft	66	\$ _____	\$ _____
08120.01 Conc, Driveway Opening, Type M	Ft	79	\$ _____	\$ _____
08130.01 Conc, Sidewalk, 4 In.	Sft	551	\$ _____	\$ _____
08131.01 Conc, Sidewalk, Drive Approach, or Ramp, 6 In.	Sft	1,114	\$ _____	\$ _____

TOTAL THIS PAGE 18
(Also to be entered on Page 19)

\$ _____

08200.14 Pavt Mrkg, Polyurea, 6 In., Yellow	Ft	258	\$ _____	\$ _____
08210.01 Pavt Mrkg, Thermopl, 4 In., White	Ft	702	\$ _____	\$ _____
08251.00 Recessing Pavt Mrkg, Longit	Ft	258	\$ _____	\$ _____
10000.01 Tree, Medium, B&B	Ea	10	\$ _____	\$ _____
10021.71 DS_Wood Fence for Dumpster Enclosure	Ft	52	\$ _____	\$ _____
10030.00 Fence, Rem	Ft	35	\$ _____	\$ _____
10060.00 Turf Restoration	Syd	423	\$ _____	\$ _____

TOTAL THIS PAGE 19 \$ _____

TOTAL FROM PAGE 17 \$ _____

TOTAL FROM PAGE 18 \$ _____

TOTAL FOR AREA I \$ _____
(Also to be entered on Page 23)

AREA II: ARBORDALE STREET, SHERWOOD STREET, AND SHERWOOD CIRCLE IMPROVEMENTS

Project: S MAPLE RD, ARBORDALE ST, SHERWOOD ST, AND SHERWOOD CIR IMPROVEMENTS
File # 2025-011 RFP 26-17

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
02000.01	Tree, Rem, 6 In. - 12 In.	Ea	1	\$ _____	\$ _____
02020.00	HMA, Any Thickness, Rem	Syd	13,442	\$ _____	\$ _____
02021.71	DS_Concrete Curb and Gutter Reveal	Syd	984	\$ _____	\$ _____
02022.00	HMA Patch, Rem	Syd	64	\$ _____	\$ _____
02030.00	Curb, Gutter, and Curb and Gutter, Any Type, Rem	Ft	3,383	\$ _____	\$ _____
02040.00	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem	Sft	4,043	\$ _____	\$ _____
03000.00	Machine Grading	Syd	7,000	\$ _____	\$ _____
03001.71	DS_Grading Roadway	Syd	7,000	\$ _____	\$ _____
03001.72	DS_Grading Sidewalk, Ramp, & Driveway Approach	Syd	608	\$ _____	\$ _____
03022.00	Subgrade Undercutting, Type III	Cyd	200	\$ _____	\$ _____
04014.01	6 In., SDR 26 PVC Sanitary Service Lead, SD-TD-2	Ft	100	\$ _____	\$ _____
04061.00	Sanitary Structure Cover, Adjust	Ea	19	\$ _____	\$ _____
06000.01	12 In., CL IV RCP Storm Sewer, SD-TD-1	Ft	749	\$ _____	\$ _____
06000.02	15 In., CL IV RCP Storm Sewer, SD-TD-1	Ft	121	\$ _____	\$ _____
06030.04	Storm Sewer Tap, 12 In. Dia.	Ea	6	\$ _____	\$ _____
06050.01	Storm Manhole, 48 In. Dia. (0-8' deep)	Ea	2	\$ _____	\$ _____
06050.02	Storm Manhole, 48 In. Dia. , Additional Depth	Ft	1	\$ _____	\$ _____
06050.07	Storm Manhole, 84 In. Dia. (0-8' deep)	Ea	1	\$ _____	\$ _____
06060.01	Storm Inlet-Junction, 36 In. Dia., (0-8' deep)	Ea	2	\$ _____	\$ _____
06070.01	Storm Single Inlet, 24 In. Dia., (0-8' deep)	Ea	24	\$ _____	\$ _____
06070.02	Storm Single Inlet, 24 In. Dia., Additional Depth	Ft	4	\$ _____	\$ _____
06080.01	Storm High Capacity Inlet, 48 In. Dia., (0-8' deep)	Ea	10	\$ _____	\$ _____
06100.01	Storm Manhole Over Existing ("Doghouse"), 48 In. Dia.	Ea	1	\$ _____	\$ _____
06100.02	Storm Manhole Over Existing ("Doghouse"), 60 In. Dia.	Ea	1	\$ _____	\$ _____
06100.03	Storm Manhole Over Existing ("Doghouse"), 72 In. Dia.	Ea	1	\$ _____	\$ _____
06110.71	DS_Storm Sewer Pipe, 6 In. Dia., Abandon	Ft	35	\$ _____	\$ _____
06120.03	Storm Sewer Pipe, 12 In. Dia., Rem	Ft	793	\$ _____	\$ _____
06120.04	Storm Sewer Pipe, 15 In. Dia., Rem	Ft	54	\$ _____	\$ _____
06120.07	Storm Sewer Pipe, 24 In. Dia., Rem	Ft	37	\$ _____	\$ _____

TOTAL THIS PAGE 20
 (Also to be entered on Page 22) \$ _____

06140.00 Storm Sewer Structure, Rem	Ea	2	\$ _____	\$ _____
06150.00 Storm Sewer Drop Structure, Rem	Ea	32	\$ _____	\$ _____
06160.01 Storm Structure Cover	Ea	6	\$ _____	\$ _____
06160.02 Storm Structure Cover, Adjust	Ea	17	\$ _____	\$ _____
06182.02 Underdrain, Edge, 6 In.	Ft	384	\$ _____	\$ _____
06191.71 DS_Curb Drain, 6 In., Open Cut	Ft	1,797	\$ _____	\$ _____
06200.71 DS_Curb Drain, PVC Tap	Ea	2	\$ _____	\$ _____
06210.71 DS_Curb Drain, PVC Clean Out	Ea	6	\$ _____	\$ _____
07000.01 4 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	2	\$ _____	\$ _____
07000.02 6 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	24	\$ _____	\$ _____
07000.03 8 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	3,558	\$ _____	\$ _____
07000.05 12 In., PC 350 DIP w/polywrap, SD-TD-1	Ft	466	\$ _____	\$ _____
07005.71 DS_8 In., Nitrile Gasket	Ea	25	\$ _____	\$ _____
07011.02 8 In. 45° DIP Bend	Ea	22	\$ _____	\$ _____
07011.03 8 In. 22.5° DIP Bend	Ea	2	\$ _____	\$ _____
07011.04 8 In. 11.25° DIP Bend	Ea	12	\$ _____	\$ _____
07013.02 12 In. 45° DIP Bend	Ea	2	\$ _____	\$ _____
07013.03 12 In. 22.5° DIP Bend	Ea	4	\$ _____	\$ _____
07020.02 8 In. X 4 In. DIP Reducer	Ea	1	\$ _____	\$ _____
07020.03 8 In. X 6 In. DIP Reducer	Ea	5	\$ _____	\$ _____
07020.09 12 In. X 8 In. DIP Reducer	Ea	2	\$ _____	\$ _____
07030.04 8 In. X 8 In. X 4 In. DIP Tee	Ea	1	\$ _____	\$ _____
07030.06 8 In. X 8 In. X 8 In. DIP Tee	Ea	12	\$ _____	\$ _____
07030.13 12 In. X 12 In. X 8 In. DIP Tee	Ea	2	\$ _____	\$ _____
07030.15 12 In. X 12 In. X 12 In. DIP Tee	Ea	2	\$ _____	\$ _____
07060.02 Gate Valve in Well, 8 In.	Ea	12	\$ _____	\$ _____
07060.04 Gate Valve in Well, 12 In.	Ea	2	\$ _____	\$ _____
07080.71 DS_Excavate & Backfill For Water Service Tap and Lead	Ft	564	\$ _____	\$ _____
07100.00 Fire Hydrant Assembly, Complete	Ea	5	\$ _____	\$ _____
07102.00 Fire Hydrant Assembly, Rem	Ea	2	\$ _____	\$ _____
07110.01 Sacrificial Anode, 17-pound	Ea	8	\$ _____	\$ _____
07110.02 Sacrificial Anode, 32-pound	Ea	3	\$ _____	\$ _____
07130.01 Temporary Water Main Line Stop, 8 In. or less	Ea	2	\$ _____	\$ _____
07131.00 Temporary Water Main Line Stop, Additional Rental Day	Ea	2	\$ _____	\$ _____

TOTAL THIS PAGE 21 \$ _____
(Also to be entered on Page 22)

07140.01 Water Main Pipe, 4 In. Dia., Abandon	Ft	154	\$ _____	\$ _____
07140.02 Water Main Pipe, 6 In. Dia., Abandon	Ft	3,064	\$ _____	\$ _____
07140.03 Water Main Pipe, 8 In. Dia., Abandon	Ft	627	\$ _____	\$ _____
07141.00 Gate Valve in Box, 6 In. Dia., Abandon	Ea	5	\$ _____	\$ _____
07180.01 Gate Valve in Well, 4 In. Dia., Abandon	Ea	1	\$ _____	\$ _____
07180.02 Gate Valve in Well, 6 In. Dia., Abandon	Ea	4	\$ _____	\$ _____
07180.03 Gate Valve in Well, 8 In. Dia., Abandon	Ea	2	\$ _____	\$ _____
08000.00 Subbase, CIP	Cyd	1,960	\$ _____	\$ _____
08060.00 HMA Hand Patch	Ton	10	\$ _____	\$ _____
08010.02 Aggregate Base, 6 In., 21AA, CIP	Syd	228	\$ _____	\$ _____
08010.03 Aggregate Base, 8 In., 21AA, CIP	Syd	7,000	\$ _____	\$ _____
08010.71 Aggregate Base Course, 21AA, CIP	Ton	240	\$ _____	\$ _____
08070.14 HMA, 4EL	Ton	2,767	\$ _____	\$ _____
08100.71 DS_Sidewalk Retaining Wall, Integral, 6 In to 18 In. Height	Sft	18	\$ _____	\$ _____
08110.00 Conc, Curb or Curb & Gutter, All Types	Ft	3,104	\$ _____	\$ _____
08120.01 Conc, Driveway Opening, Type M	Ft	467	\$ _____	\$ _____
08130.01 Conc, Sidewalk, 4 In.	Sft	952	\$ _____	\$ _____
08131.01 Conc, Sidewalk, Drive Approach, or Ramp, 6 In.	Sft	3,263	\$ _____	\$ _____
08140.71 DS_Speed Hump	Syd	80	\$ _____	\$ _____
08141.71 DS_Raised Crosswalk	Syd	161	\$ _____	\$ _____
08150.00 Detectable Warning Surface	Ft	135	\$ _____	\$ _____
08190.78 DS_Pavt Mrkg, Polymer Cement Surface, 12 In., Crosswalk	Ft	168	\$ _____	\$ _____
08190.79 DS_Pavt Mrkg, Polymer Cement Surface, Speed Hump Chevron	Ea	20	\$ _____	\$ _____
08200.09 Pavt Mrkg, Polyurea, 24 In., Stop Bar	Ft	116	\$ _____	\$ _____
08200.10 Pavt Mrkg, Polyurea, 12 In., Crosswalk	Ft	981	\$ _____	\$ _____
08200.13 Pavt Mrkg, Polyurea, 6 In., White	Ft	158	\$ _____	\$ _____
08200.15 Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	Ea	1	\$ _____	\$ _____
08200.17 Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	Ea	1	\$ _____	\$ _____
08200.25 Pavt Mrkg, Polyurea, Only	Ea	2	\$ _____	\$ _____
08251.00 Recessing Pavt Mrkg, Longit	Ft	158	\$ _____	\$ _____
08252.00 Recessing Pavt Mrkg, Transv	Sft	1,881	\$ _____	\$ _____
08300.71 DS_Raised Device Delineator	Ea	20	\$ _____	\$ _____
10060.00 Turf Restoration	Syd	500	\$ _____	\$ _____
TOTAL THIS PAGE 22			\$ _____	\$ _____
TOTAL FROM PAGE 20			\$ _____	\$ _____
TOTAL FROM PAGE 21			\$ _____	\$ _____
TOTAL FOR AREA II (Also to be entered on Page 23)			\$ _____	\$ _____

TOTAL FOR PROJECT WIDE ITEMS	\$ _____
TOTAL FOR AREA I	\$ _____
TOTAL FOR AREA II	\$ _____
TOTAL BASE BID	\$ _____

CITY OF ANN ARBOR
 DETAILED SPECIFICATION
 FOR
CURB DRAIN OPEN CUT

AA:NJB

1 of 2

2/18/26

- a. Description.** This work shall consist of furnishing all labor, tools, equipment, and material to install curb drain in an open cut trench. This work shall be performed in accordance with the 2025 Public Services Standard Specifications Article 4 and Article 10, Section II.Q., as shown on the plans, and as specified herein.
- b. Materials.** Open-cut curb drain pipe, service leads, fittings, and curb drain cleanouts shall be SDR 26 polyvinyl chloride (PVC) pipe 6-inch conforming to current ASTM D3034, (Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings). Pipe shall have an integral wall bell and spigot.
- c. Construction.** Where curb drain is located in the same trench as another utility, the Contractor shall install curb drain as the utility trench is backfilled.

For curb drain located in the roadway, terminate curb drain with a cleanout in the greenbelt. Contractor shall install a bend, no more than 45 degrees, extend the pipe to 2 feet behind the curb and install a cleanout, as specified, on the end of the curb drain.

One 6-inch wye and a service lead stub shall be provided for each lot that is served by the curb drain, final location to be determined by the Engineer. The wye should be placed at the 10 or 2 o'clock position of the receiving pipe. Install the service lead to 2 feet behind the curb and cap the pipe. Mark the end of the lead with a 1-inch x 1-inch (minimum cross section) metal marker, such as a form pin, at a point immediately in front of the service connection to 1 foot below the finish ground surface. Do not rest the marker on any portion of the service connection or cap.

- d. Measurement and Payment** The completed work as measured will be paid for at the contract unit prices for the following Contract items (pay items):

<u>Pay Item</u>	<u>Pay Unit</u>
DS_Curb Drain, 6 In., Open Cut.	Linear Foot
DS_Curb Drain, PVC Tap.	Each
DS_Curb Drain, PVC Clean Out.	Each

DS_Curb Drain, 6 In. Open Cut shall be measure by the lineal foot from the connection to the downstream storm structure to the cleanout, and from the curb drain main to the cap of service leads. Work shall include wyes and caps, and connection to existing sump pump leads behind the curb where no curb drain previously existed. Payment shall include all labor, material and equipment needed to install curb drain in the roadway including, but not limited to excavation, main and service lead installation, wye, caps, backfill, and post installation CCTV.

DS_Curb Drain, PVC Tap shall be paid by each tap made to an exiting drainage structure at the downstream end. Connection to new drainage structures are incidental to the drainage structure furnish and install unit price. Payment shall include all labor, material and equipment needed to tap an existing structure and parge around the new pipe opening.

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
CURB DRAIN OPEN CUT

AA:NJB

2 of 2

2/18/26

DS_Curb Drain, PVC Clean Out shall be paid for by each clean out installed at the upstream terminus end of each curb drain run. Treaded caps of the same diameter of the pipe shall be used to provide a water tap but removal cap. The clean outs are installed 1 ft below finish grade and shall include a metal mass so that the caps can be located using a metal detector in the future. Payment shall include all labor, material and equipment needed to complete the clean out.

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
NITRILE GASKET

AA:NJB

1 of 1

3/2/26

- a. **Description.** This work shall consist of furnishing all labor, and material to install Nitrile Push on Joint style gaskets on the proposed water main with the potential for hydrocarbon exposure. This work shall be performed in accordance with the 2025 Public Services Standard Specifications Article 3 Section II.A.3 and Article 10, Section II.K., as shown on the plans, and as specified herein.
- b. **Materials.** Nitrile Push-On Gasket meeting ANSI/AWWA C111/A21.11 (current version), also meeting the pipe manufacturers bell cross section.
- c. **Construction.** Nitrile Gaskets shall be used to replace those gaskets supplied with the watermain and fittings. The gaskets will be appropriately sized and work with the specific pipe manufacturers specific type of bell casting. The gaskets shall be push-on style and used throughout the length of the potential hydrocarbon exposure regardless if the plan/profile calls out for restraint joint limits.

The gaskets will be used consistently along the full length of the proposed WM adjacent to an area of current of future concern as identified by the PSAA. The use of these proactive hydrocarbon resistant gaskets shall not be interpreted to mean that there is existing soil contamination present.

- d. **Measurement and Payment** The completed work as measured will be paid for at the contract unit prices for the following Contract items (pay items):

<u>Pay Item</u>	<u>Pay Unit</u>
DS_8 In., Nitrile Gasket	Each

DS_8 In., Nitrile Gasket shall be measure by each unit installed in the proposed watermain within the limits of the area of concern as shown on the plans and agreed upon by the PSAA.

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
AGGREGATE BASE COURSE, 21AA, CIP

AA:DAD/AMW/JDD

1 of 1

03/05/2026

- a. **Description.** This item will be used for aggregate base placed on the non-water main side of the road. Otherwise, the subbase and base aggregate is inclusive in the **DS_Grading Roadway** item. This work consists of constructing an aggregate base course on a surface approved by the PSAA using only crushed limestone. The aggregate base shall be in accordance with City Standards and section 302 of the 2020 Michigan Department of Transportation (MDOT) Standard Specifications for Construction, except as herein modified:
- b. **Material.** Provide aggregate material meeting the requirements for Class 21AA dense-graded aggregate in accordance with City Standards and specified in section 902 of the MDOT 2020 Standard Specifications for Construction. The ONLY permitted material shall be crushed limestone unless otherwise approved by the PSAA.
- c. **Construction.** Construct aggregate base course in accordance with City Standards and subsection 302.03 of the 2020 MDOT Standard Specifications for Construction. Deliver Class 21AA dense-graded aggregate to the job site in a thoroughly blended condition and handle in such a manner that there will be no mixing of underlying soil with the base aggregate.
- d. **Measurement and Payment.** Measure and pay for the completed work, as described, at the contract unit price using the following pay item:

Pay Item	Pay Unit
DS_Aggregate Base Course, 21AA, CIP	Ton

Measure **DS_Aggregate Base Course, 21AA, CIP** weight by the unit ton and pay for it at contract unit price, which price includes costs for all labor, equipment, and materials necessary to complete the work. Load weight tickets from a certified scale and accepted at the job site by the City's agent will be the basis for measurement.

Weigh any/all unused/waste material on a certified scale to determine quantity(s) unless the PSAA approves an alternate method to arrive at these amount(s). Provide load weight tickets to the City's agent for any/all unused/waste material.

CITY OF ANN ARBOR
DETAILED SPECIFICATION
FOR
WOOD FENCE

AA:NJB

1 of 1

3/2/26

- a. **Description.** This work shall consist of furnishing all labor, tools, equipment, and material to install a wood screen fence around waste bins, matching the existing fence. Work shall be done in accordance with best practices for fence construction.
- b. **Materials.** Pressure treated wood of all components, with various dimensions for: posts, rails and pickets, Galvanized nails, Sac-Crete for fence post foundations, all painted to match existing and or surrounding fence components.
- c. **Construction.** The Contractor shall layout and excavate post foundations such that no span exceeds 8 ft after waste bin pad has been placed. Post hole foundations shall be excavated down 48 inches, with a minimum 12 inch diameter. Post shall be backfilled with hand tempted dry sac-crete to within 6 inches of the finished grade, Post shall be installed true and plumb. Rails shall be 2x4 dimensional lumber install 16 inch clear of grade and a second 6 inches from the top of the posts. Rails shall be mounted to the posts on the flat face of the post. Pickets shall be 1x6 lumber mounted to the exterior face of the railing. Pickets shall be offset stepping up and down by 3 inch, picket shall have square ends top and bottom, with not more than 1 inch gap between them. Finished fence shall stand 5 ft in height from grade. Fence shall be painted with two coats of exterior grade paint to match the adjacent fencing.
- d. **Measurement and Payment** The completed work as measured will be paid for at the contract unit prices for the following Contract items (pay items):

<u>Pay Item</u>	<u>Pay Unit</u>
DS_Wood Fence for Dumpster Enclosure	Linear Foot

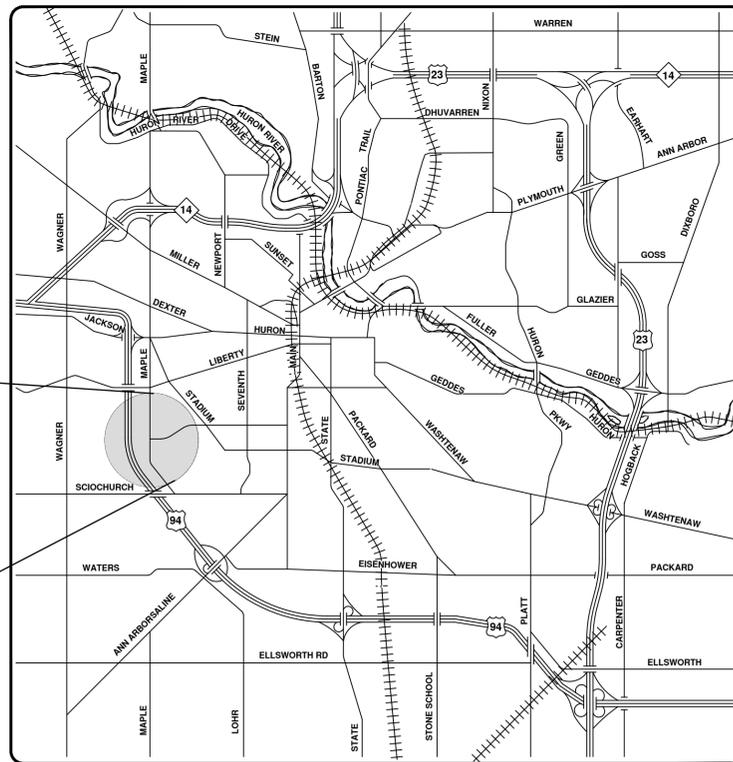
DS_Wood Fence for Dumpster Enclosure shall be measure by the lineal foot for the perimeter of the fence installed. Payment shall include all labor, equipment and materials for; excavation for footings, posts, and concrete, rails and pickets, assembly and two coats of paint.



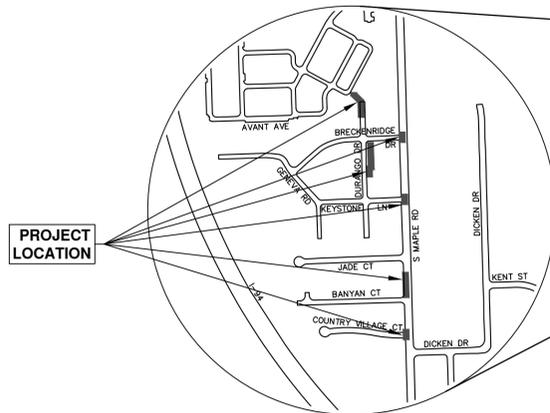
CITY OF ANN ARBOR ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

RFP No. 26-17, FILE No. 2025026



VICINITY MAP



NOTES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THIS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL POWER, CABLE TV AND FIBER OPTIC LINES ARE APPROXIMATE. THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES AREA DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS ("STANDARDS"). THE OMISSION OF ANY STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH THOSE STANDARDS.

Sheet List Table	
Sheet Number	Sheet Title
1	Cover Sheet
2	Standard Notes
3	Legend
4	Existing Water System Map
Typical Sections	
5	Ex and Prop Sections
6	South Bound S Maple Rd Detour Route
7	S Maple Rd Traffic Control
8	S Maple Rd Traffic Control
Removals	
9	Durango (North)
10	Durango (South)
11	Breckenridge Dr., Keystone Ln.
12	S Maple Rd - Banyan Ct to Jade Ct and Country Village Ct
Water Main Plan and Profile	
13	Overall Water Main Plan
14	Durango (North)
15	Durango (South)
16	S Maple Rd - Banyan Ct to Jade Ct
17	Breckenridge Dr. & Country Village Ct. Check Valves
18	Keystone Ln WM Abandonment
Restoration	
19	Durango (North)
20	Durango (South)
21	Breckenridge Dr and S Maple Rd, Keystone Ln
22	S Maple Rd - Banyan Ct to Jade Ct and Country Village Ct
Sidewalk Grades	
23	Jade Ct Sidewalk Grades

PREPARED UNDER THE SUPERVISION OF

Nicholas Bayley
NICHOLAS BAYLEY
ENGINEER
No. 6201055228
PROJECT MANAGER

02 / 19 / 2026
DATE



NO.	DESCRIPTION	DATE	BY	CHECKED
01	ADDENDUM 1	03-06-2026	A2D	A2D
00	OUT FOR BID	02-19-2026	A2D	AWN
	REV.			

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR, MI 48107-8647
734.794.4410
www.aagov.org



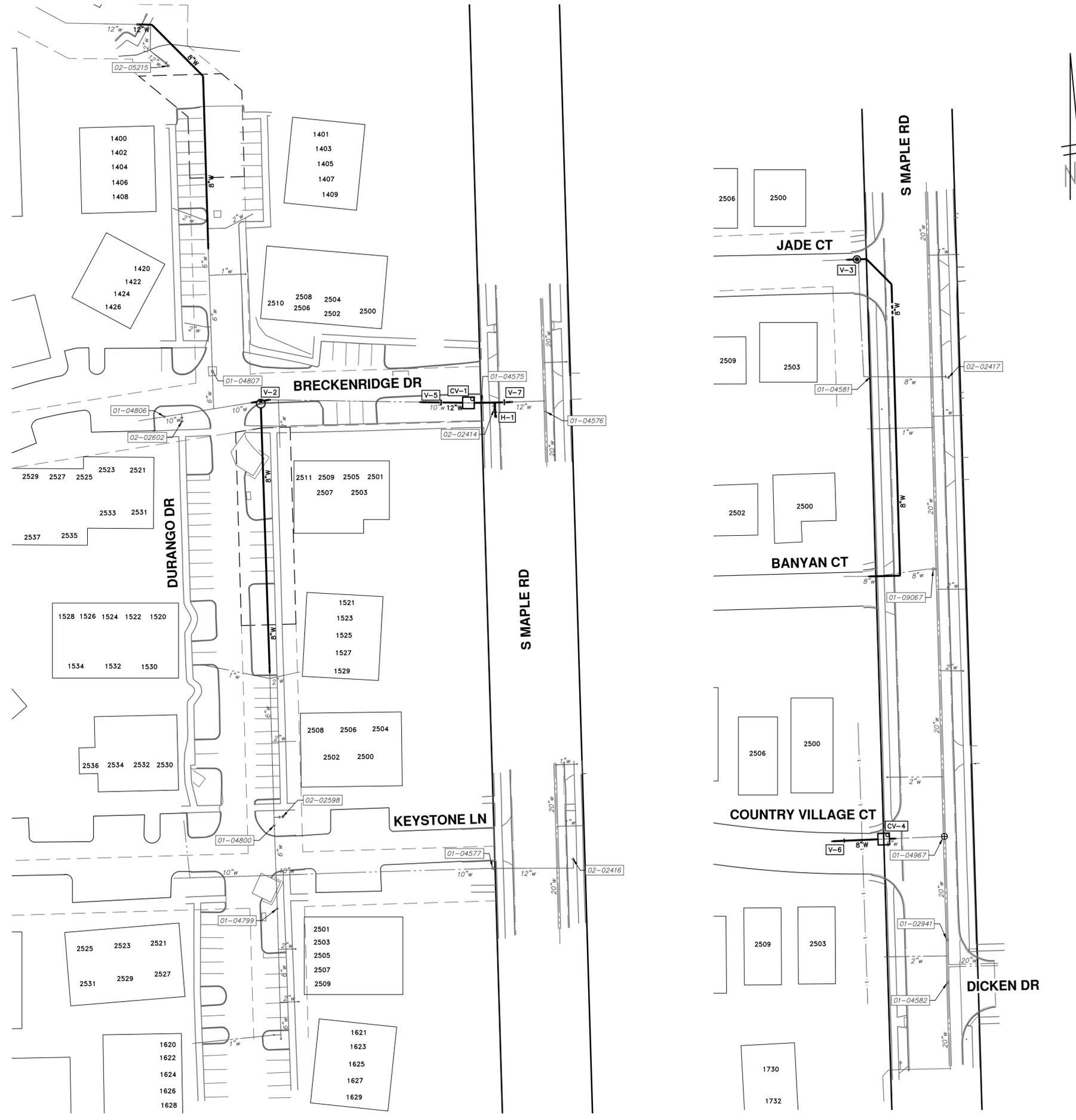
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
THIS PROJECT INCLUDES WATER MAIN EXTENSIONS AND INSTALLATIONS OF CHECK VALVES TO EXPAND THE WEST HIGH PRESSURE DISTRICT (AKA AVANT DEVELOPMENT) TO INCLUDE THE AREA WEST OF MAPLE RD. WATER PRESSURE DISTRICT INCLUDES COUNTRY VILLAGE CT, BANYAN CT, JADE CT, SURREY PARK APARTMENTS, GENEVA RD, DURANGO DR, KEYSTONE LN, BRECKENRIDGE DR., AND RESTORATION.

SCALE
DRAWING No.
2025026-1

SHEET No.
1 OF 23

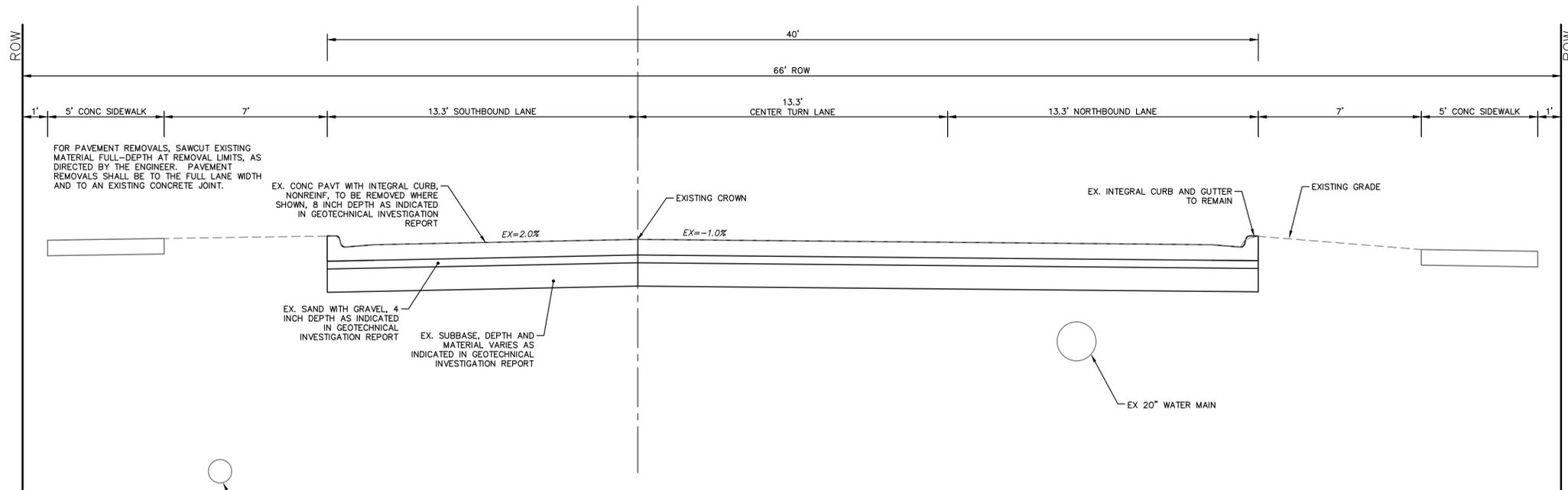
R:\2024013 S Industrial Maple\Plan Production\2024013Cov Maple.dwg - _g2 standard bw.stb - Plot Date: 3/6/2026 6:59:49 AM

© MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS; RFP No. 26-17; 2025026



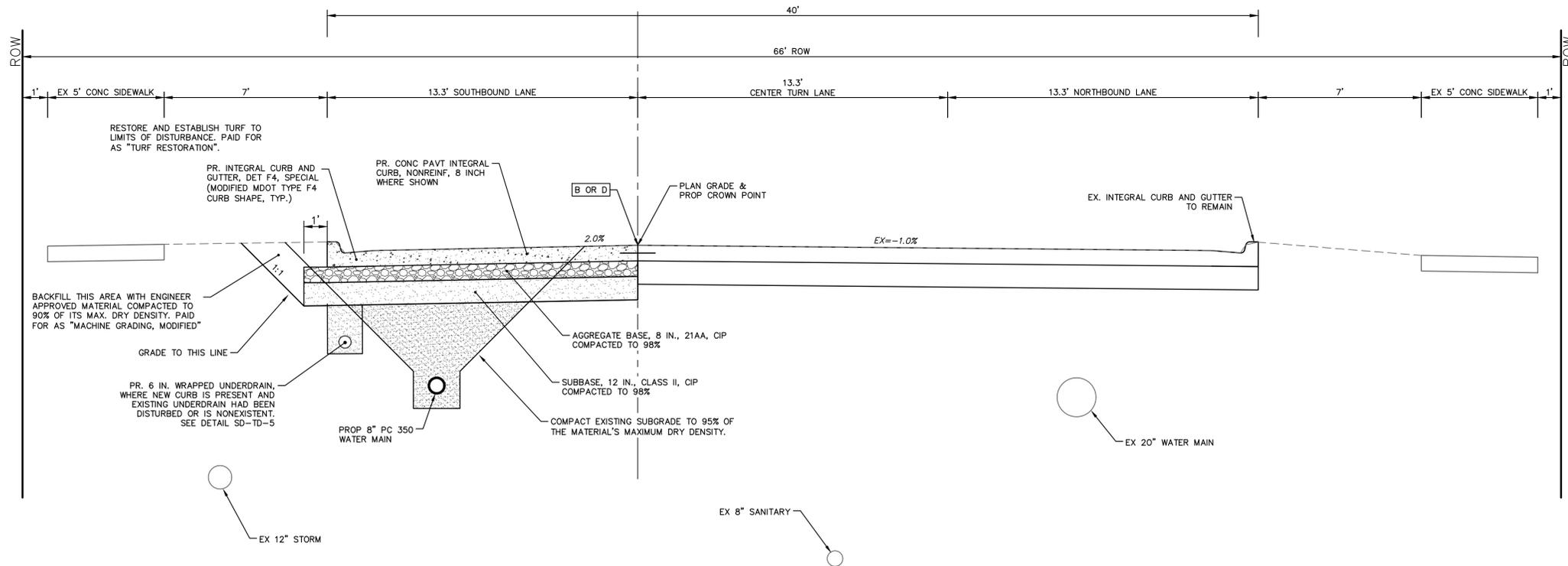
			
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS EXISTING WATER SYSTEM MAP		Know what's below. Call Before you dig.	
SCALE PLAN: 1" = 40' DRAWING No. 2025026-4 SHEET No. 4 OF 23	CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST HURON STREET ANN ARBOR, MI 48106-6647 www.a2gov.org	01 APPENDIX 1 00 OUT FOR BID REV.	A2D A2D DATE DRAWN CHECKED
DESCRIPTION		DATE	

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**S MAPLE ROAD
EXISTING SECTION**

STA. 0+00 TO 2+43
N.T.S.

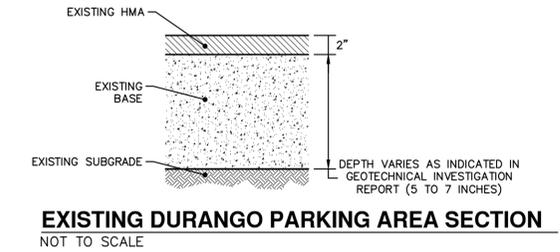


**S MAPLE ROAD
PROPOSED SECTION**

STA. 0+00 TO 2+43
N.T.S.

CONCRETE JOINT LEGEND:

- B - LONGITUDINAL BULKHEAD JOINT, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (B)
- D - LONGITUDINAL LANE TIE JOINT WITH TIE BARS, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (D)
- Cp - TRANSVERSE CONTRACTION JOINT WITH LOAD TRANSFER DEVICE, SEALED ACCORDING TO MDOT STANDARD PLAN R-42-F SERIES, SYMBOL (Cp)



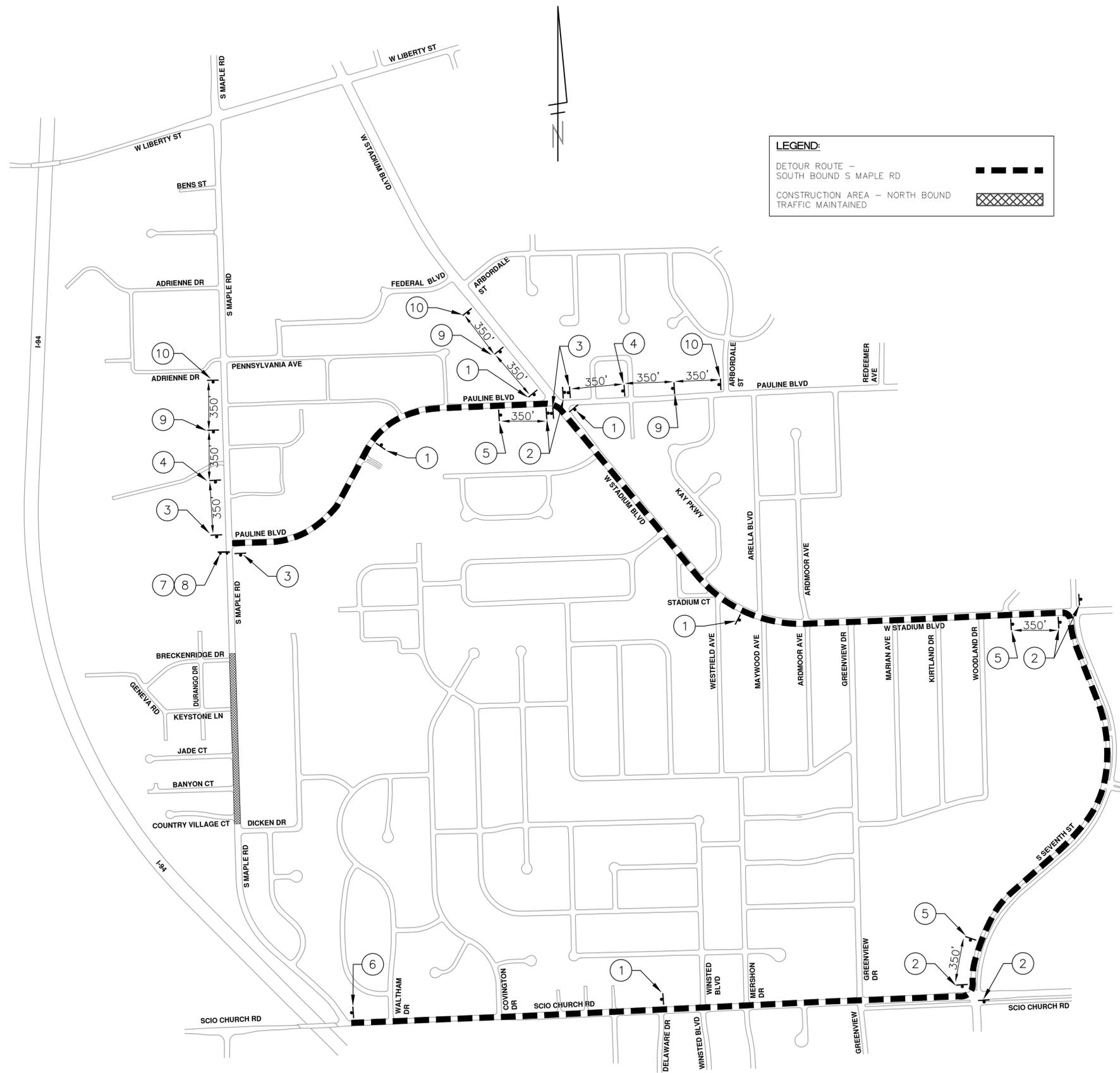
REV.	DATE	DESCRIPTION	DRAWN	CHECKED
01	03-06-2026	ADDENDUM 1	A2D	
00	02-19-2026	OUT FOR BID	A2D	

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CITY OF ANN ARBOR - ENGINEERING
PUBLIC SERVICES - DISTRICT IMPROVEMENTS
TYPICAL SECTIONS
EX AND PROP SECTIONS

SCALE PLAN: 1" = 3'
DRAWING No. 2025026-5
SHEET No.



LEGEND:
 DETOUR ROUTE - SOUTH BOUND S MAPLE RD [Dashed line with cross-hatch]
 CONSTRUCTION AREA - NORTH BOUND TRAFFIC MAINTAINED [Cross-hatch pattern]

SOUTH BOUND S MAPLE RD		
SIGN	NUMBER	QUANTITY
1 SB S MAPLE [Up Arrow]	D3-1	5
2 SB S MAPLE [Right Arrow]	M4-9S 30"x24"	5
3 SB S MAPLE [Left Arrow]	D3-1	6
4 SB S MAPLE [Down Arrow]	M4-9R 30"x24"	6
5 SB S MAPLE [Up Arrow]	D3-1	4
6 SB S MAPLE [Right Arrow]	M4-9L 30"x24"	4
7 SB S MAPLE [Down Arrow]	D3-1	2
8 SB S MAPLE [Up Arrow]	M4-9L (MOD) 30"x24"	2
9 SB S MAPLE [Right Arrow]	D3-1	3
10 SB S MAPLE [Down Arrow]	M4-9R (MOD) 30"x24"	3
11 SB S MAPLE [End Detour]	D3-1	1
12 SB S MAPLE [End Detour]	M4-8A 24"x18"	1
13 ROAD CLOSED	R11-2 48"x30"	1
14 [Left Arrow]	M4-10L 48"x18"	1
15 SB S MAPLE [Diamond]	D3-1	3
16 [Diamond]	W20-2 36"x36"	3
17 SB S MAPLE [Diamond]	D3-1	3
18 [Diamond]	W20-1 36"x36"	3
BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED - 2 EACH		
SIGN, PORTABLE, CHANGEABLE MESSAGE, NTCIP-COMPLIANT - 2 EACH		
VERIFY EXACT QUANTITY AND LOCATION WITH ENGINEER PRIOR TO ORDERING		

- DETOUR CONSTRUCTION NOTES:**
- DEPENDING ON THE DETOUR ROUTE THAT IS PUT IN PLACE, CONFLICTING SIGNS MAY BE PRESENT. PRIOR TO THE ORDERING OR PLACEMENT OF ANY SIGNS, MEET WITH THE ENGINEER TO VERIFY THE EXACT NUMBER AND LOCATION OF THE SIGNS TO BE PLACED. THE ENGINEER AND THE CONTRACTOR SHALL WORK TOGETHER TO ELIMINATE ALL CONFLICTS.
 - THE CITY RESERVES THE RIGHT TO ORDER ADDITIONAL SIGNS AND SIGNALS UNIT DURING THE COURSE OF THE DETOUR ROUTE ESTABLISHMENT TO EFFECTIVELY AND SAFELY MAINTAIN TRAFFIC. ADJUSTMENTS IN THE UNIT PRICE FOR THESE ITEMS OF WORK SHALL NOT BE ALLOWED FOR THESE OCCURRENCES.
 - THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS WITH THOSE OF THE CITY OF ANN ARBOR'S SIGNS AND SIGNALS UNIT DURING THE COURSE OF THE DETOUR ROUTE ESTABLISHMENT TO EFFECTIVELY AND SAFELY MAINTAIN TRAFFIC. DO NOT ERECT ANY SIGNS UNTIL ITS LOCATION AND PROPOSED DATE OF INSTALLATION IS APPROVED BY THE ENGINEER.
 - THE DETOUR IS TO BE IN PLACE DURING THE WATER MAIN INSTALLATION IN SOUTH MAPLE RD. AS DIRECTED BY THE ENGINEER, THE CONTRACTOR WILL CLOSE AND DETOUR SOUTH BOUND S MAPLE RD TRAFFIC. SEE "SPECIAL PROVISION FOR MAINTAINING TRAFFIC AND CONSTRUCTION SEQUENCING" FOR DETAILS ON CONSTRUCTION STAGING, SEQUENCING, CLOSURE AND DETOUR LIMITATIONS, AND OTHER DETAILS.
 - REFERENCE THE "SPECIAL PROVISION FOR MAINTAINING TRAFFIC AND CONSTRUCTION SEQUENCING" FOR ADDITIONAL PROJECT REQUIREMENTS. THE CONTRACTOR'S ATTENTION IS SPECIFICALLY DIRECTED TO THE SECTION OF SAME SPECIAL PROVISION REGARDING COORDINATION WITH THE CITY SIGNS AND SIGNALS UNIT FOR MODIFICATIONS TO TRAFFIC SIGNALS FOR THE DETOUR.
 - THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN SIGNS AS SHOWN ON THE PLANS OR OTHERWISE DIRECTED BY THE ENGINEER.
 - CONSTRUCTION WARNING SIGNS SHALL HAVE AN ORANGE, HIGH-INTENSITY, REFLECTORIZED BACKGROUND.
 - SIGNS SHALL CONFORM TO THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - THE CONTRACTOR SHALL DRIVE ALL SIGNS INTO EXPOSED GROUND OR INSERT INTO A BORED HOLE IN PAVEMENT AS NECESSARY TO PERMANENTLY SECURE. ALL HOLES IN PAVEMENT SHALL BE FILLED WITH ENGINEER-APPROVED MORTAR WHEN THE SIGN IS REMOVED AND NO LONGER NEEDED. COSTS FOR THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "SIGN, TYPE B, TEMP, PRISMATIC, FURN AND OPER"
 - ADVANCE WARNING SIGNS SHALL BE PROVIDED WITH TWO (2) TYPE A FLASHING LIGHTS AND ONE (1) DAY-GLOW ORANGE FLAG.
 - CITY TO BE NOTIFIED A MINIMUM OF 7 DAYS PRIOR TO IMPLEMENTING SOUTH BOUND S MAPLE RD DETOUR. MESSAGE BOARDS TO BE PLACED 7 DAYS PRIOR TO IMPLEMENTATION OF DETOUR.

PRCMS MESSAGE PHASING		
PRIOR TO CONSTRUCTION	DURING CONSTRUCTION	DURING CONSTRUCTION
S MAPLE RD CONSTRUCTION	SB S MAPLE RD CLSD TO THRU TRAFFIC AT PAULINE	SB S MAPLE RD CLSD TO THRU TRAFFIC AT PAULINE
MONTH DATE *	FOLLOW POSTED DETOUR	FOLLOW POSTED DETOUR

NOTE: PRCMS LOCATIONS AND MESSAGES WILL BE AS DIRECTED BY THE ENGINEER. TO BE PLACED ONE WEEK PRIOR TO CONSTRUCTION.

*THE CONTRACTOR SHALL PLACE THE APPROPRIATE DATE AS APPROVED BY THE ENGINEER.

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NO.	REV.	DATE	DESCRIPTION
01	ADDENDUM 1	03-06-2026	OUT FOR BID
00		02-19-2026	REV.

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

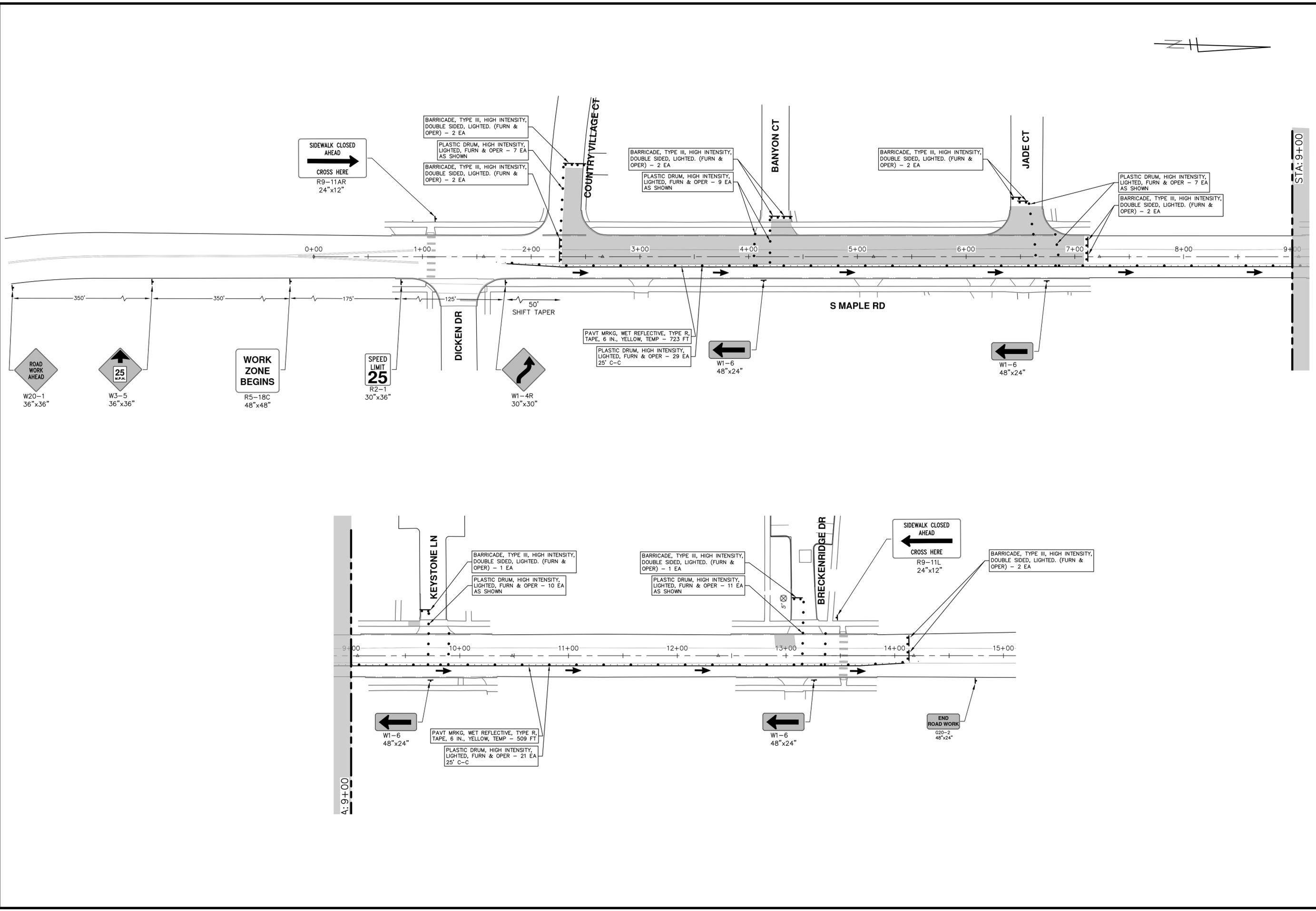
SCALE PLAN: 1" = 400'

DRAWING No. 2025026-6

SHEET No. 6 OF 23

SOUTH BOUND S MAPLE RD DETOUR ROUTE

R:\2024013 S Industrial Maple\Plan Production\2024013Mtrf Maple.dwg Dwg Created: 18-Feb-26 - _o2_standard bw.stb - Plot Date: 5-Mar-26



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

S MAPLE RD TRAFFIC CONTROL

SCALE: 1" = 40'

DRAWING No. 2025026-7

SHEET No. 7 OF 23

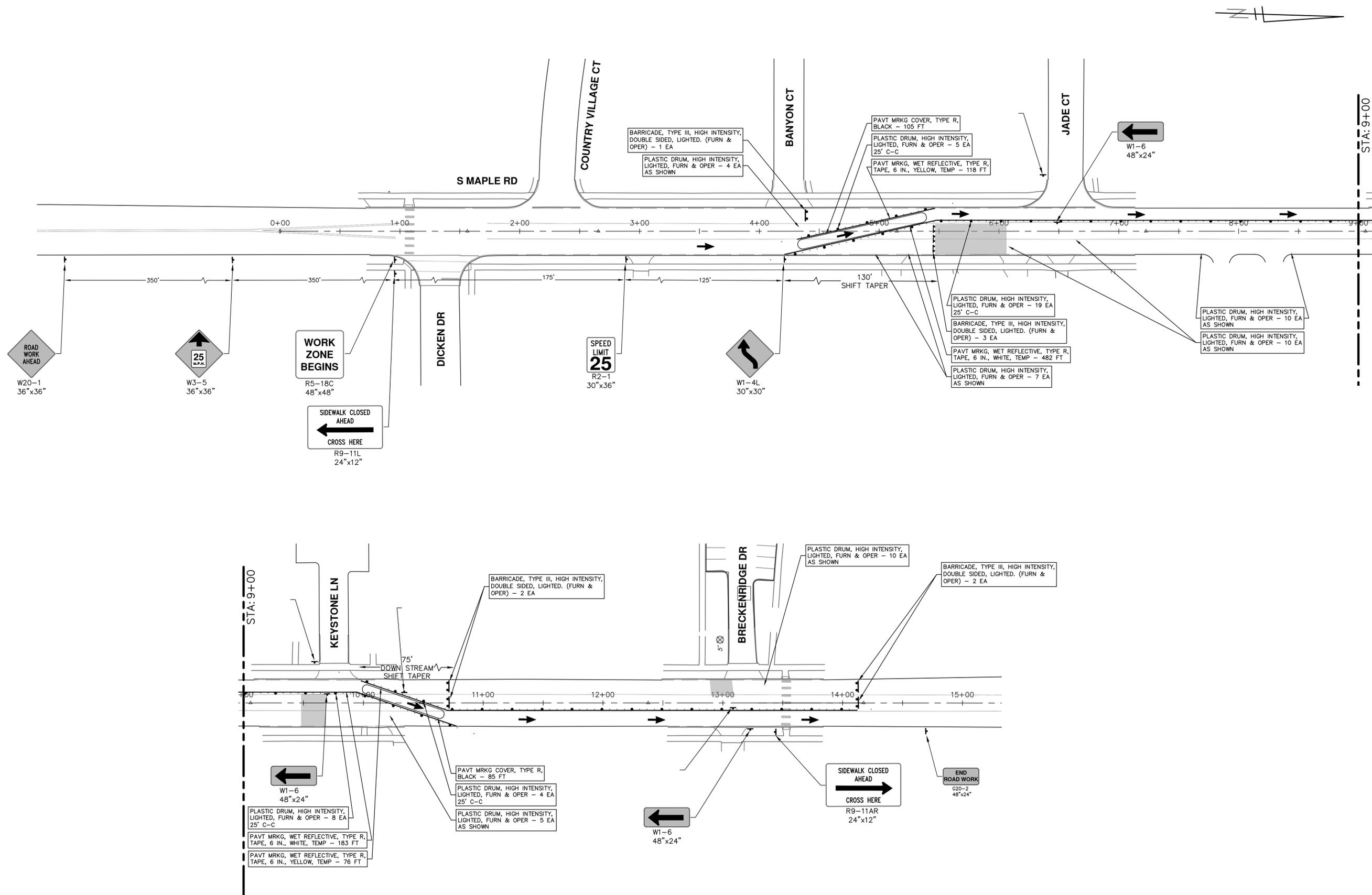
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM 1	03-06-2026	A2D	NB/JD
00	OUT FOR BID	02-19-2026	A2D	NB/JD

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CITY OF ANN ARBOR MICHIGAN

R:\2024013 S Industrial Maple\Plan Production\2024013Mtr1 Maple.dwg Dwg Created: 18-Feb-26 --_a2 standard bw.stb -- Plot Date: 5-Mar-26



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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00	OUT FOR BID	02-19-2026	A2D	NB/JD

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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
S MAPLE RD TRAFFIC CONTROL
SCALE: 1" = 40'
DRAWING No. 2025026-8

R:\2024013 S Industrial Maple\Plan Production\2024013Rem Maple.dwg Dwg Created: 19-Feb-26 - _a2 standard bw.stb - Plot Date: 5-Mar-26



REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6	Tree, Rem, 6 in. - 12 in.
7	Concrete Pavt, Any Thickness, Rem
8	Fence, Rem

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER



Know what's below. Call before you dig.

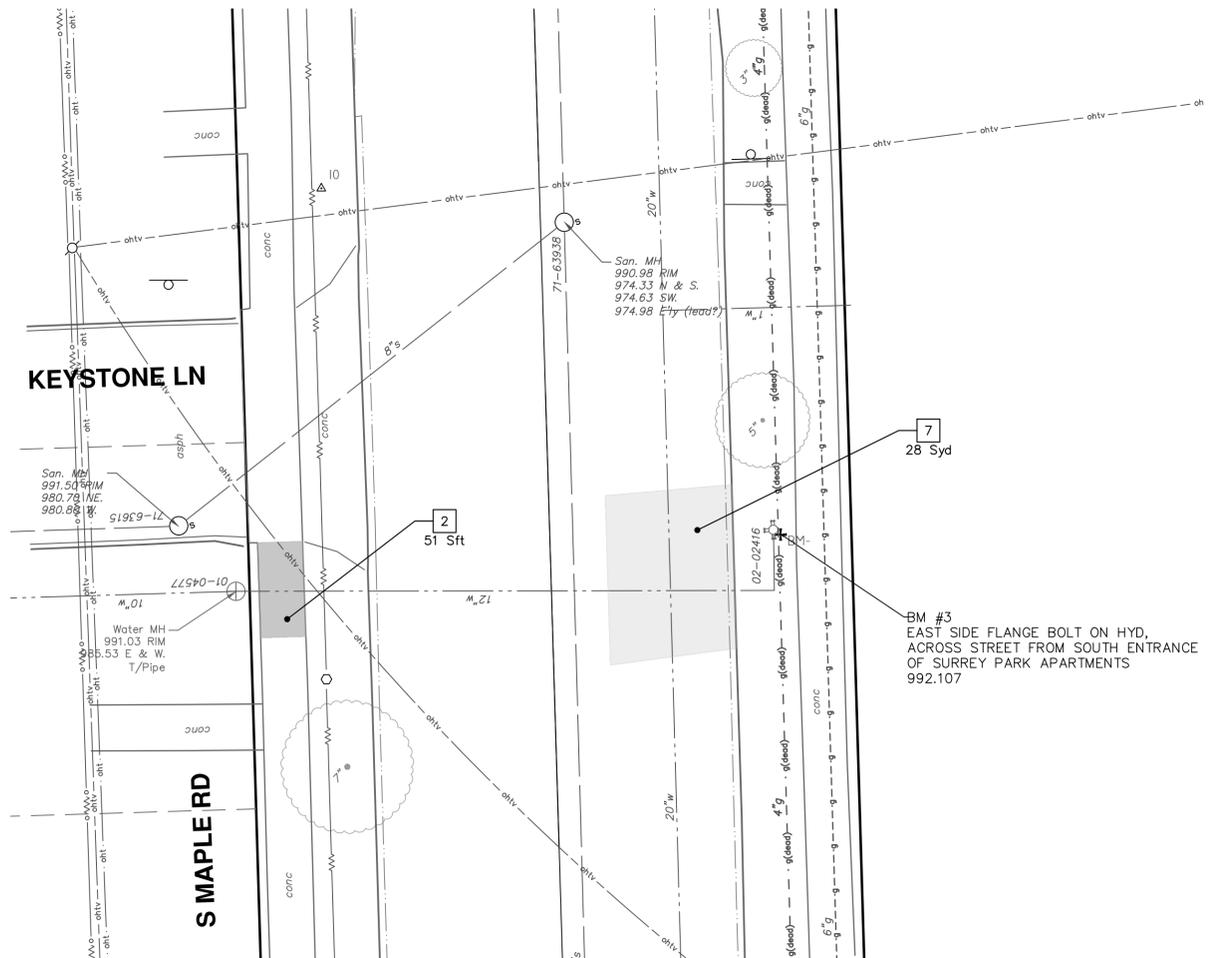
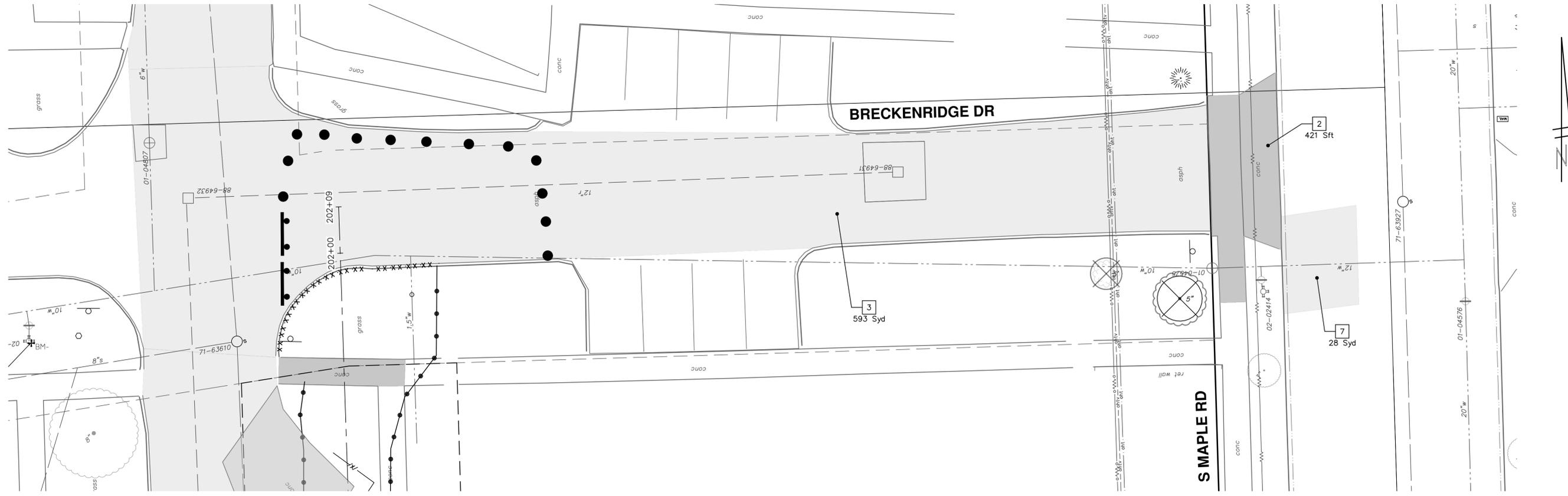
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
REMOVALS
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
DURANGO (NORTH)

SCALE PLAN: 1" = 10'
DRAWING No. 2025026-9

REV.	DATE	DESCRIPTION	DRAWN	CHECKED
01	03-06-2026	A2D		
00	02-19-2026	A2D		



REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6	Tree, Rem, 6 in. - 12 in.
7	Concrete Pavt, Any Thickness, Rem
8	Fence, Rem

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

REMOVALS

BRECKENRIDGE DR., KEYSTONE LN.

SHEET No. 11 OF 23

811
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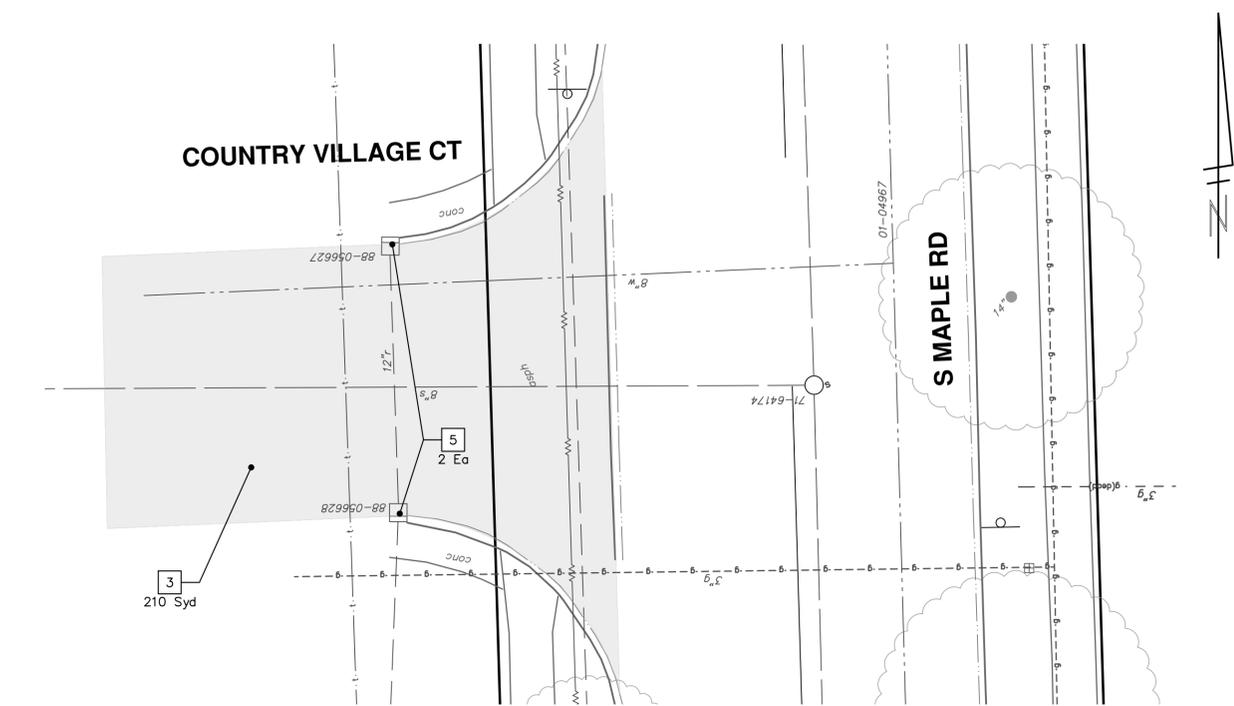
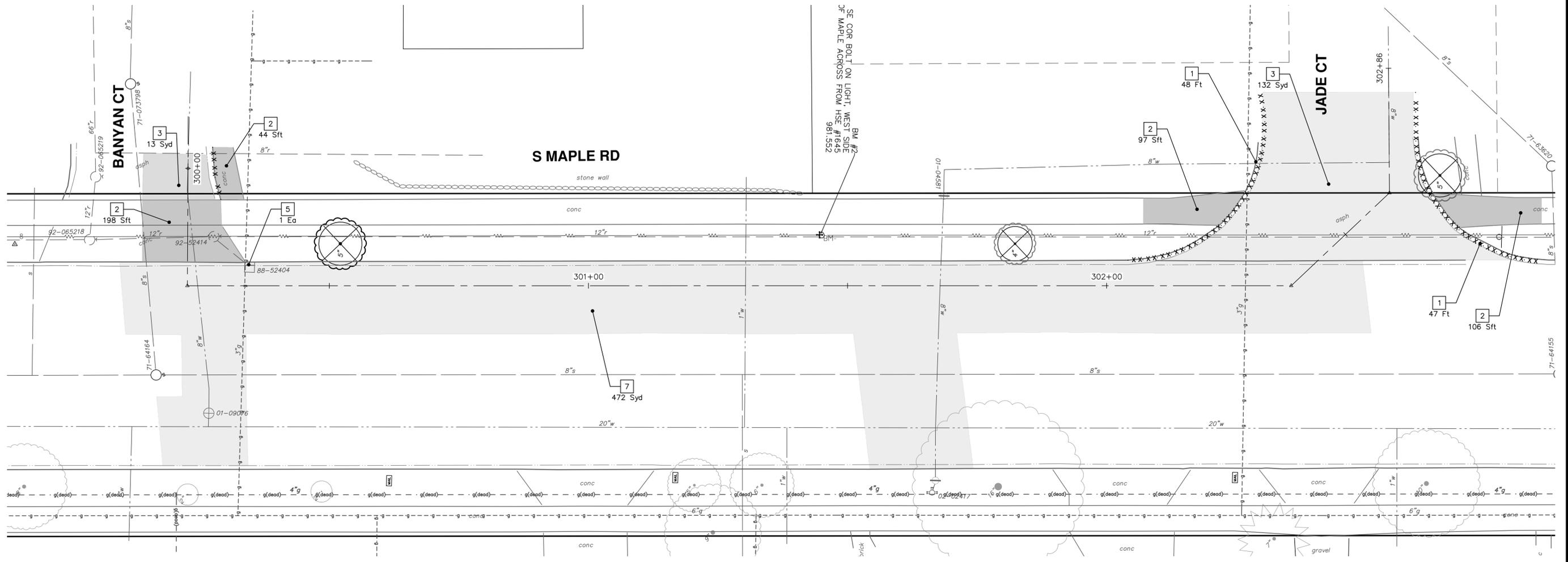
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SCALE PLAN: 1" = 10'

DRAWING No. 2025026-11

REV.	DATE	DESCRIPTION
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00	02-19-2026	A2D

R:\2024013 S Industrial Maple\Plan Production\2024013Rem Maple.dwg Dwg Created: 19-Feb-26 - _a2 standard bw.stb - Plot Date: 5-Mar-26



REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6	Tree, Rem, 6 in. - 12 In.
7	Concrete Pavt, Any Thickness, Rem
8	Fence, Rem

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

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MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
REMOVALS

REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM 1	03-06-2026	A2D	NB/JD
00	OUT FOR BID	02-19-2026	A2D	NB/JD

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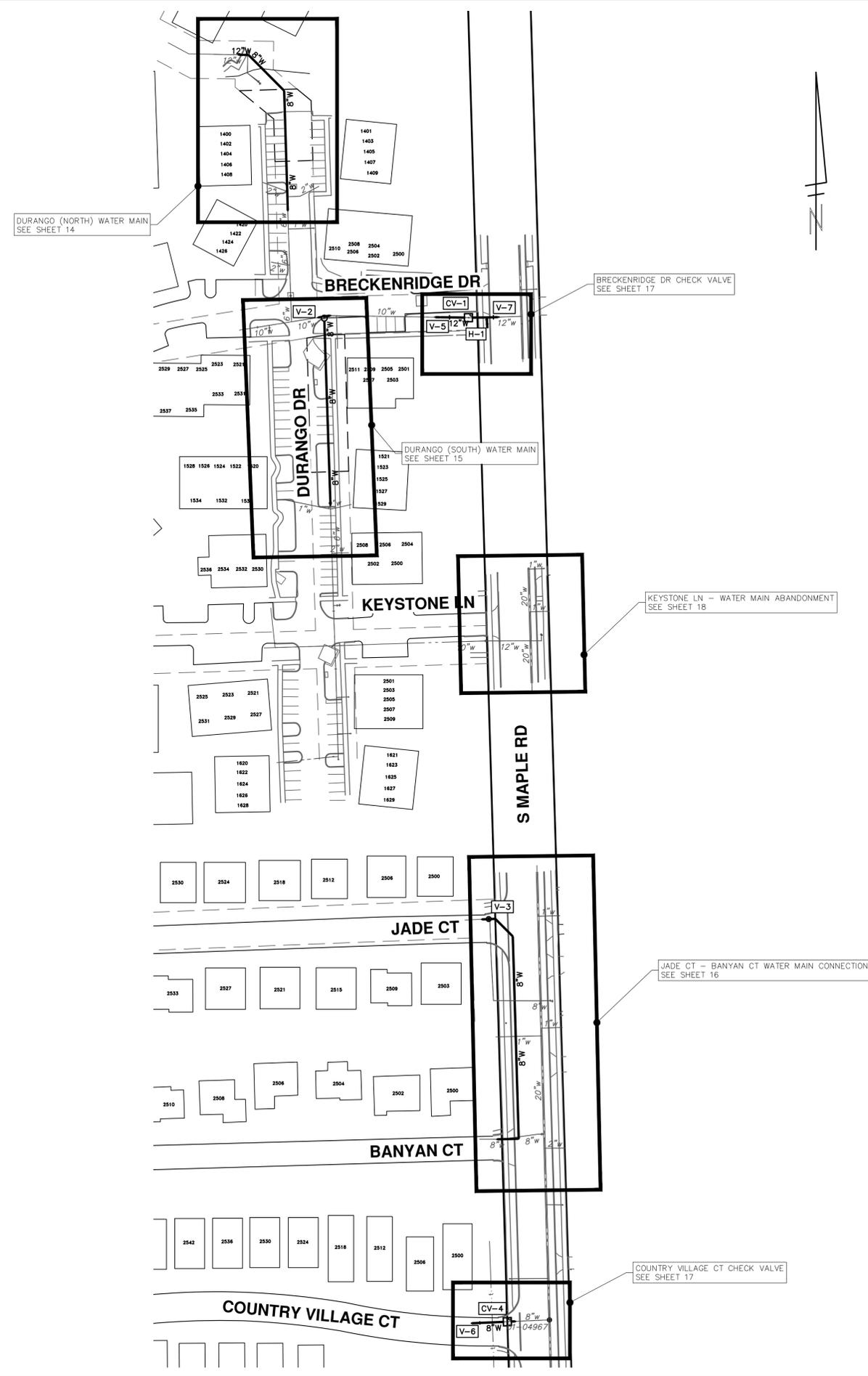
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MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
REMOVALS

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
SCALE PLAN: 1" = 10'

S MAPLE RD - BANYAN CT TO JADE CT AND COUNTRY VILLAGE CT

SHEET No.

DRAWING No. 2025026-12
12 OF 23



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

OVERALL WATER MAIN PLAN

SCALE PLAN: 1" = 70'

DRAWING No. 2025026-13

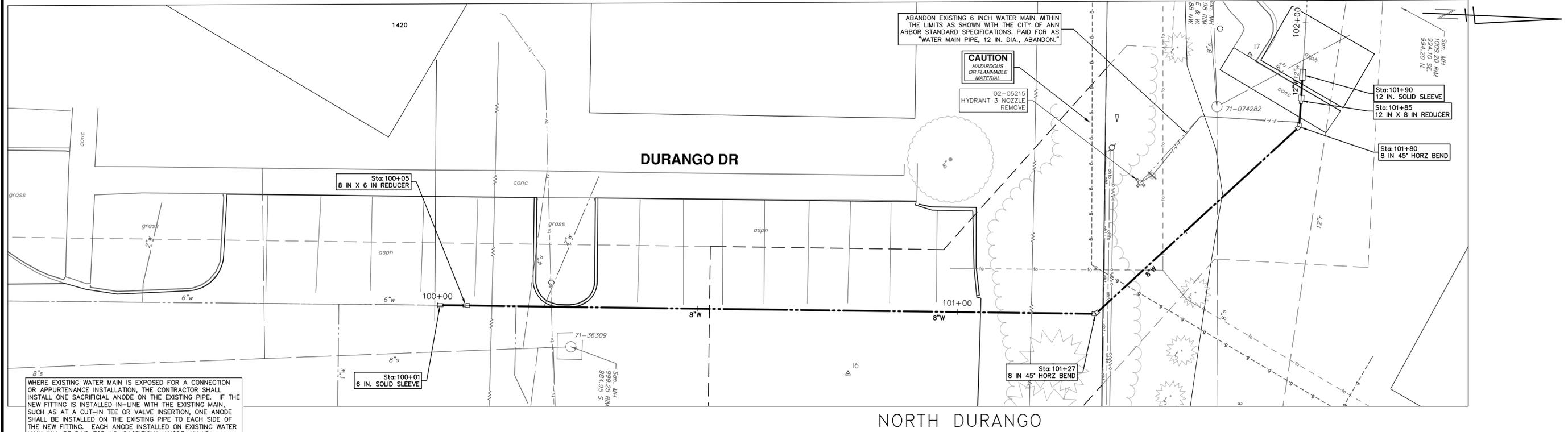
SHEET No. 13 OF 23

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00	02-19-2026	OUT FOR BID	A2D	NB/ID

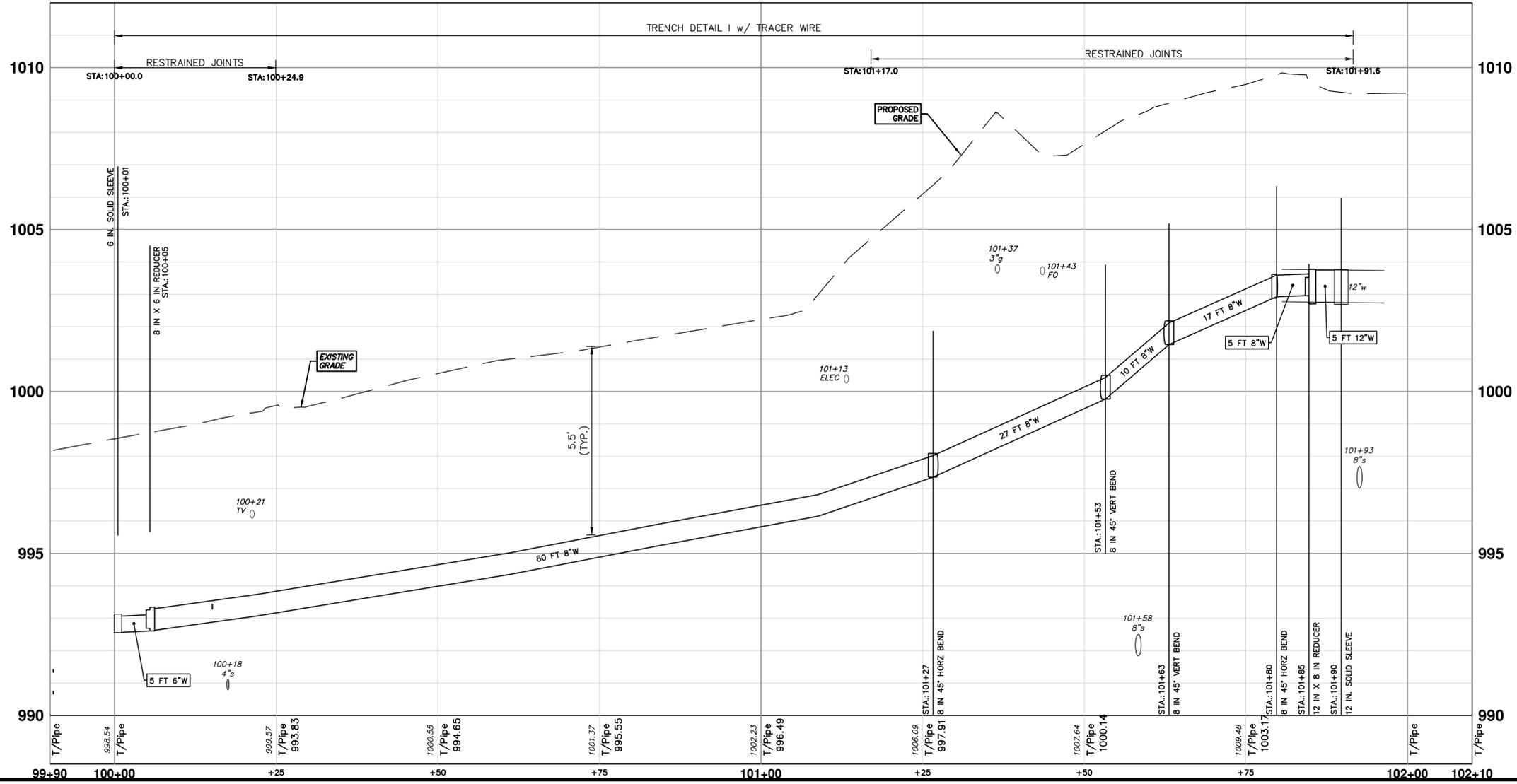
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R:\2024013 S Industrial Maple\Plan Production\2024013Watr Maple.dwg Dwg Created: 5-Mar-26 -- _a2 standard bw.stb -- Plot Date: 5-Mar-26



WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS 'SACRIFICIAL ANODE, XX LB'.

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.





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REV.	DATE	DESCRIPTION	CHECKED	DRAWN
01	03-06-2026	A2D		
00	02-19-2026	A2D		

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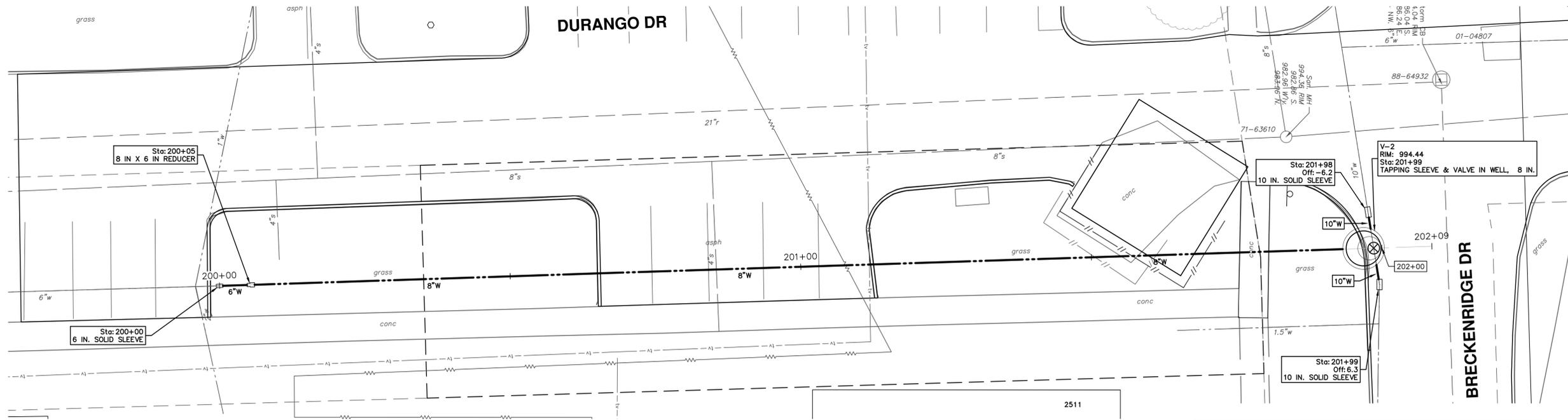


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
WATER MAIN PLAN AND PROFILE
DURANGO (NORTH)

SCALE PLAN: 1" = 10'
PROFILE: 1" = 2'

DRAWING NO: 2025026-14
SHEET NO: 14 OF 23

R:\2024013 S Industrial Maple\Plan Production\2024013Watr Maple.dwg Dwg Created: 5-Mar-26 --_a2 standard bw.stb -- Plot Date: 5-Mar-26

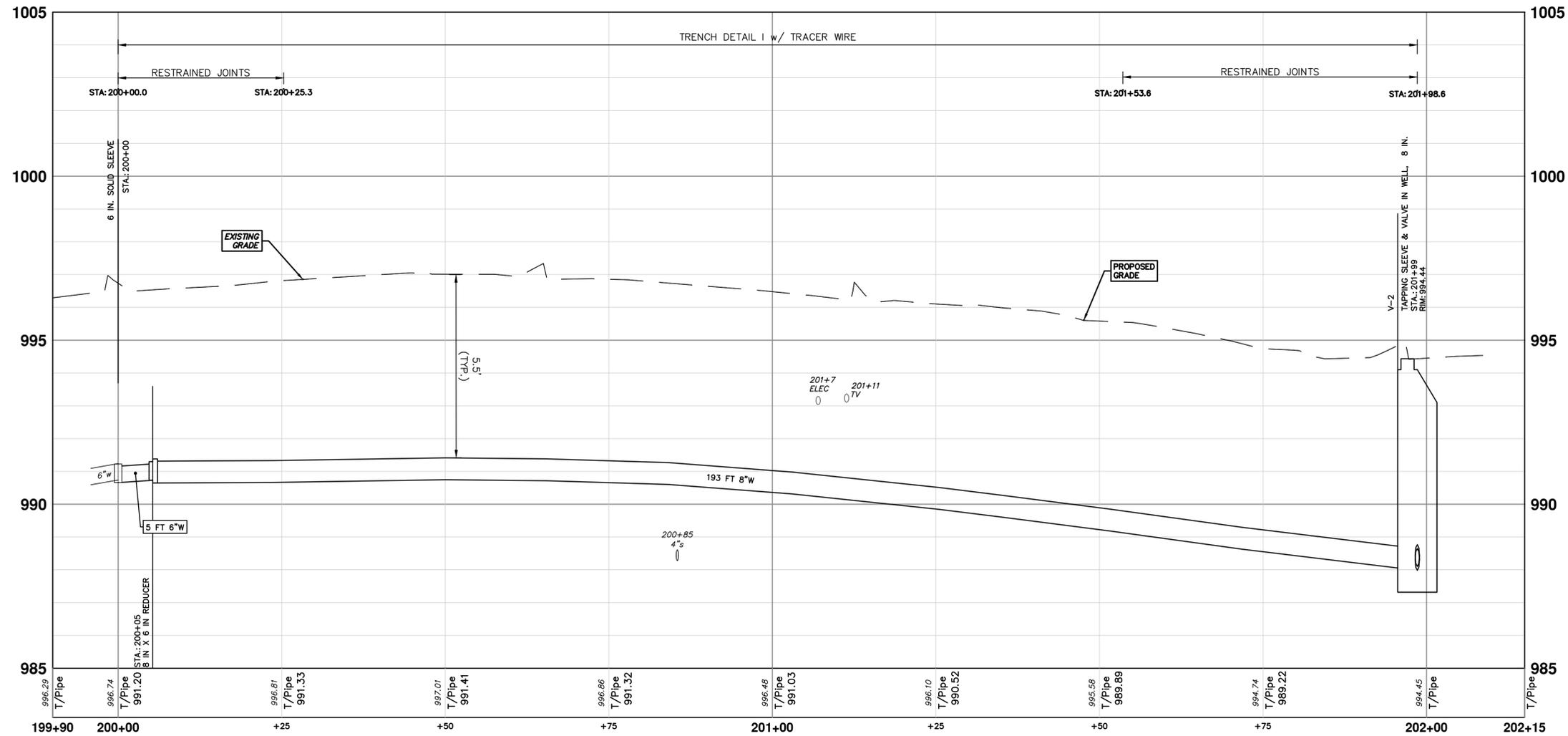


WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS 'SACRIFICIAL ANODE, XX LB'

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-2	Tapping Sleeve & Valve in Well, 8 In.	201+99	994.44

SOUTH DURANGO



Know what's below. Call before you dig.

NO.	DATE	DESCRIPTION	REV.
01	03-06-2026	A2D	A2D
00	02-19-2026	DATE	DRAWN

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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

WATER MAIN PLAN AND PROFILE

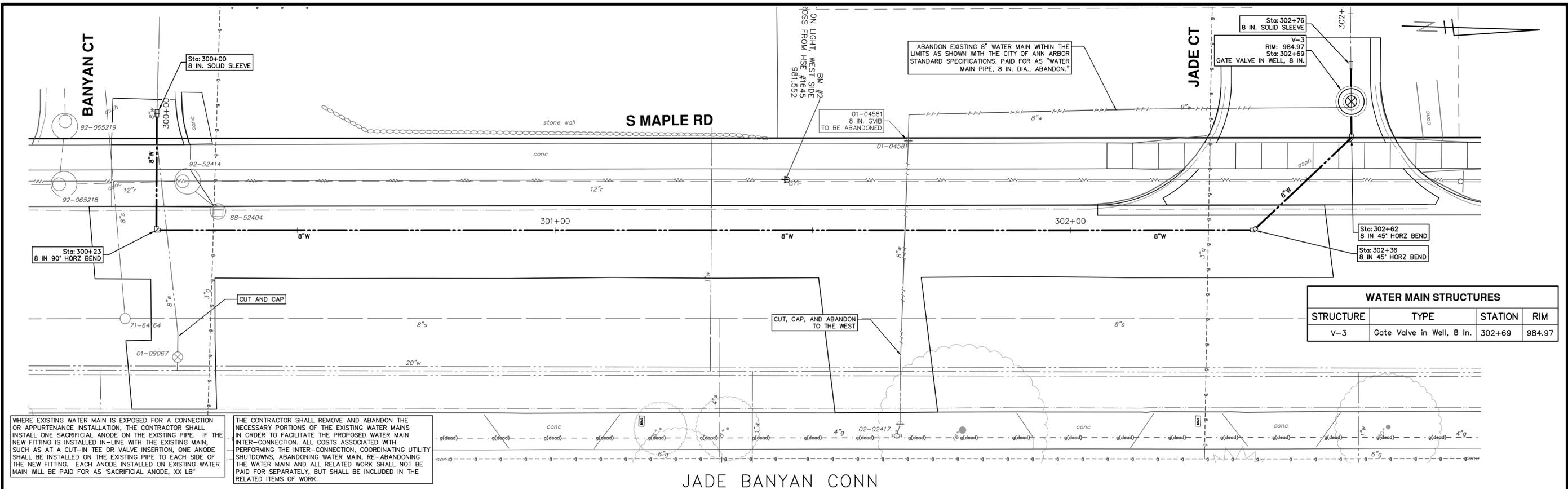
DURANGO (SOUTH)

SCALE PLAN: 1" = 10'
PROFILE: 1" = 2'

DRAWING No. 2025026-15

SHEET No. 15 OF 23

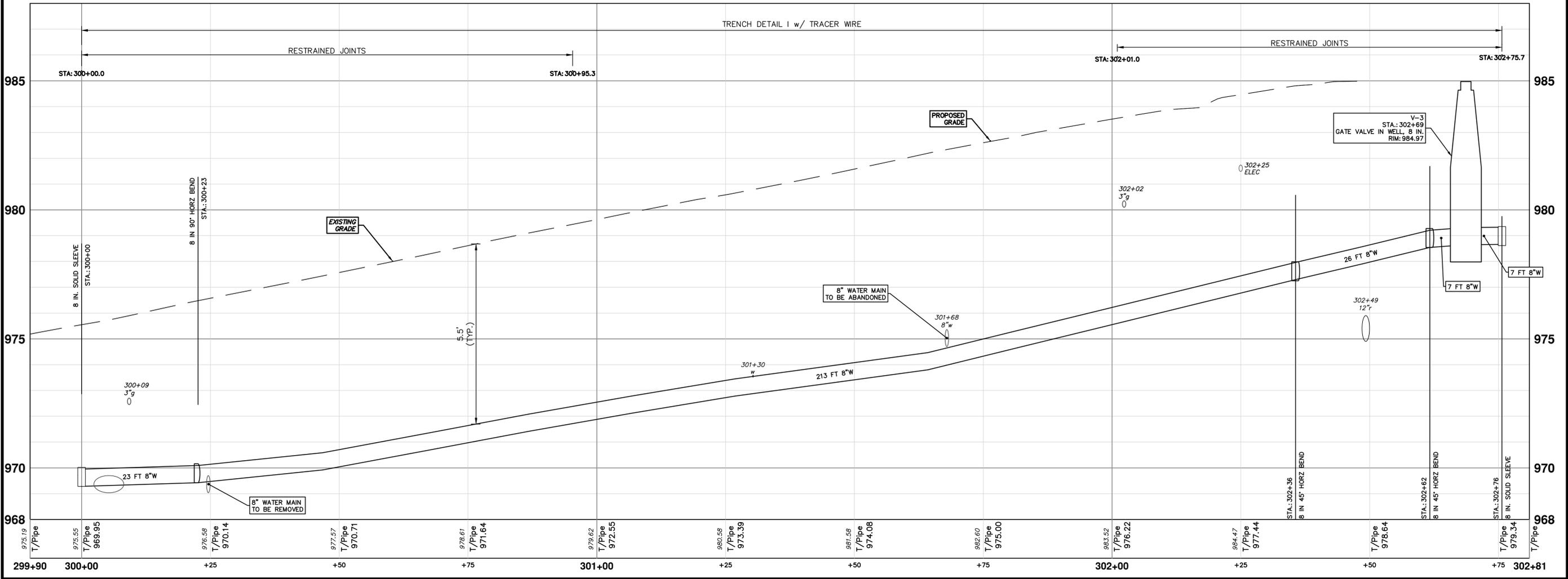
R:\2024013 S Industrial Maple\Plan Production\2024013Water Maple.dwg Dwg Created: 5-Mar-26 --_a2 standard bw.stb -- Plot Date: 5-Mar-26



WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS 'SACRIFICIAL ANODE, XX LB'

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-3	Gate Valve in Well, 8 In.	302+69	984.97



Know what's below. Call before you dig.

REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D

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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
WATER MAIN PLAN AND PROFILE
S MAPLE RD - BANYAN CT TO JADE CT

SCALE PLAN: 1" = 10'
PROFILE: 1" = 2'

DRAWING NO. 2025026-16
SHEET NO. 16 OF 23

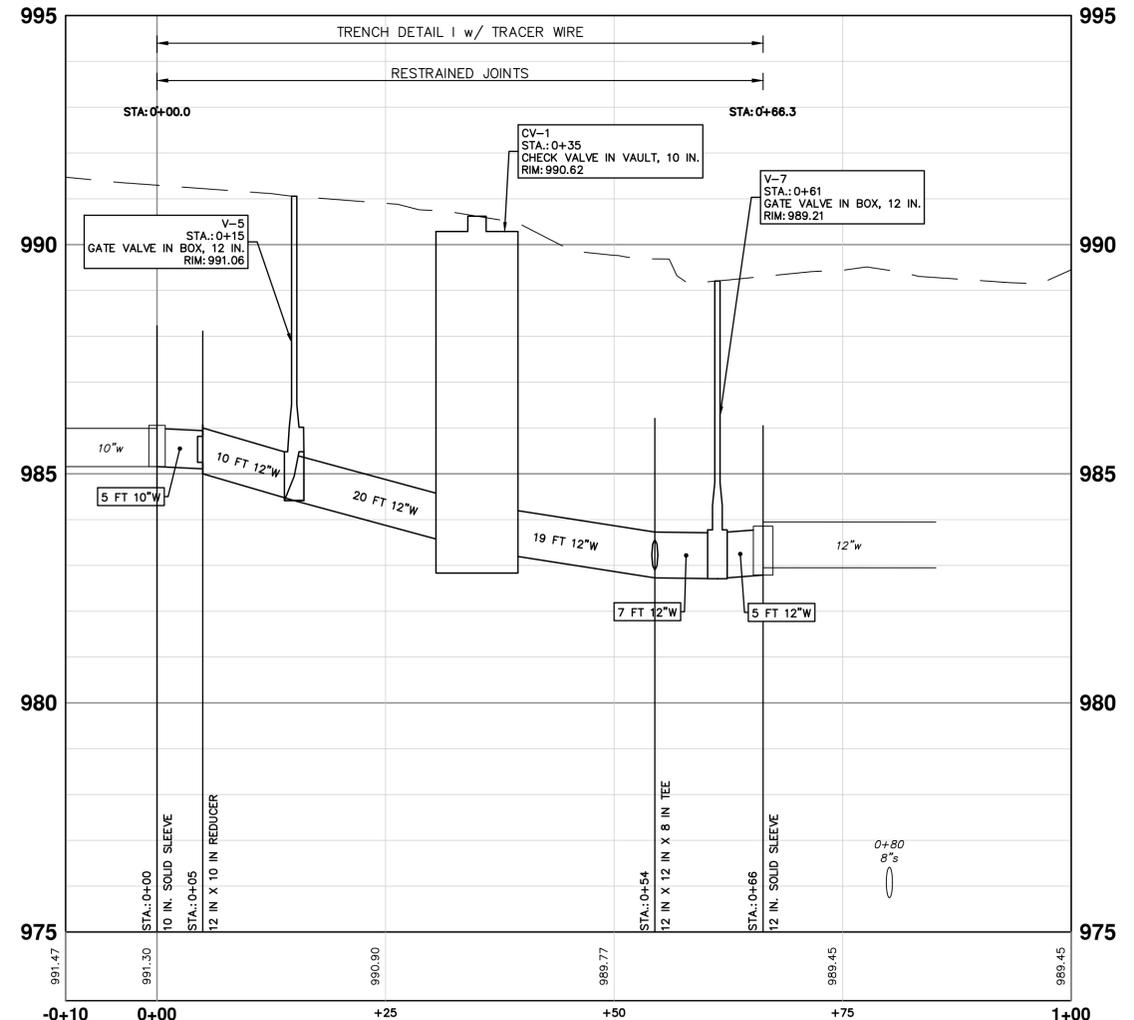
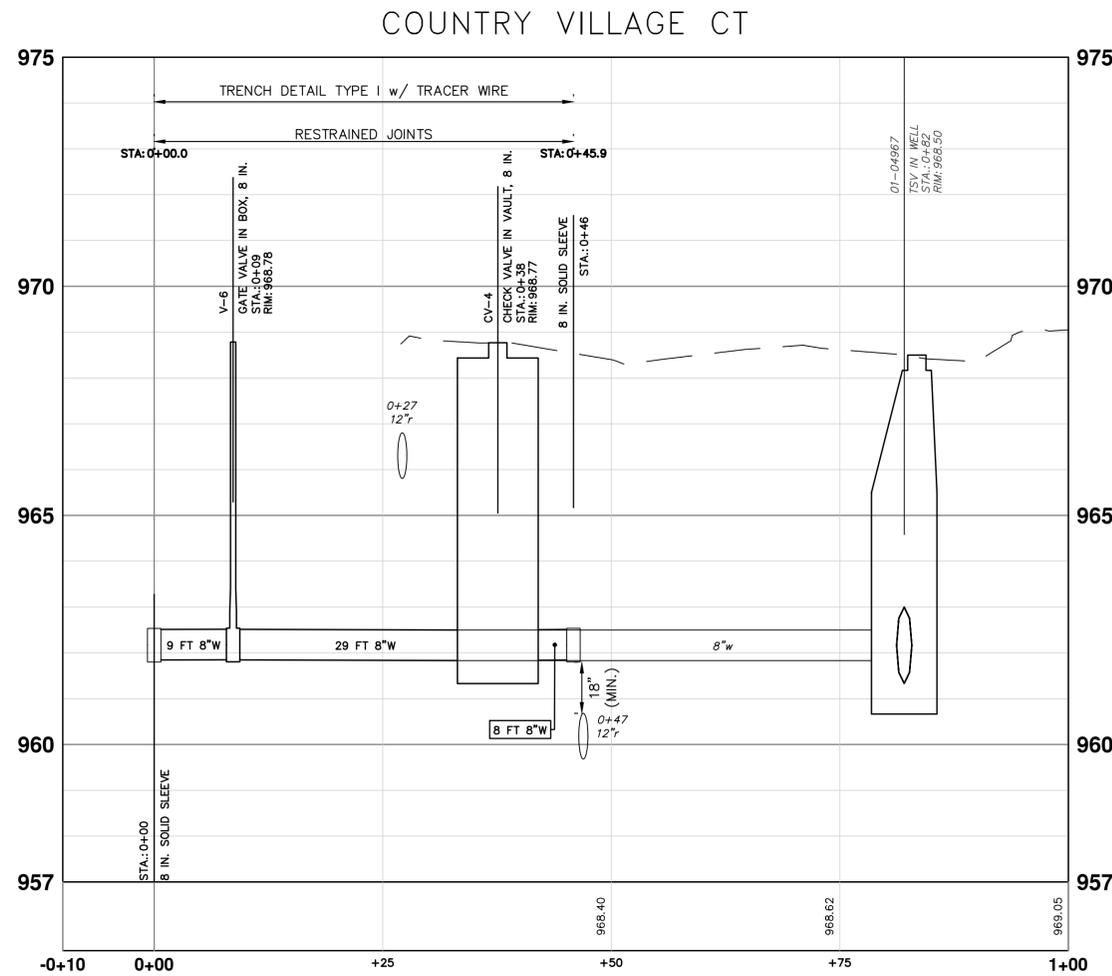
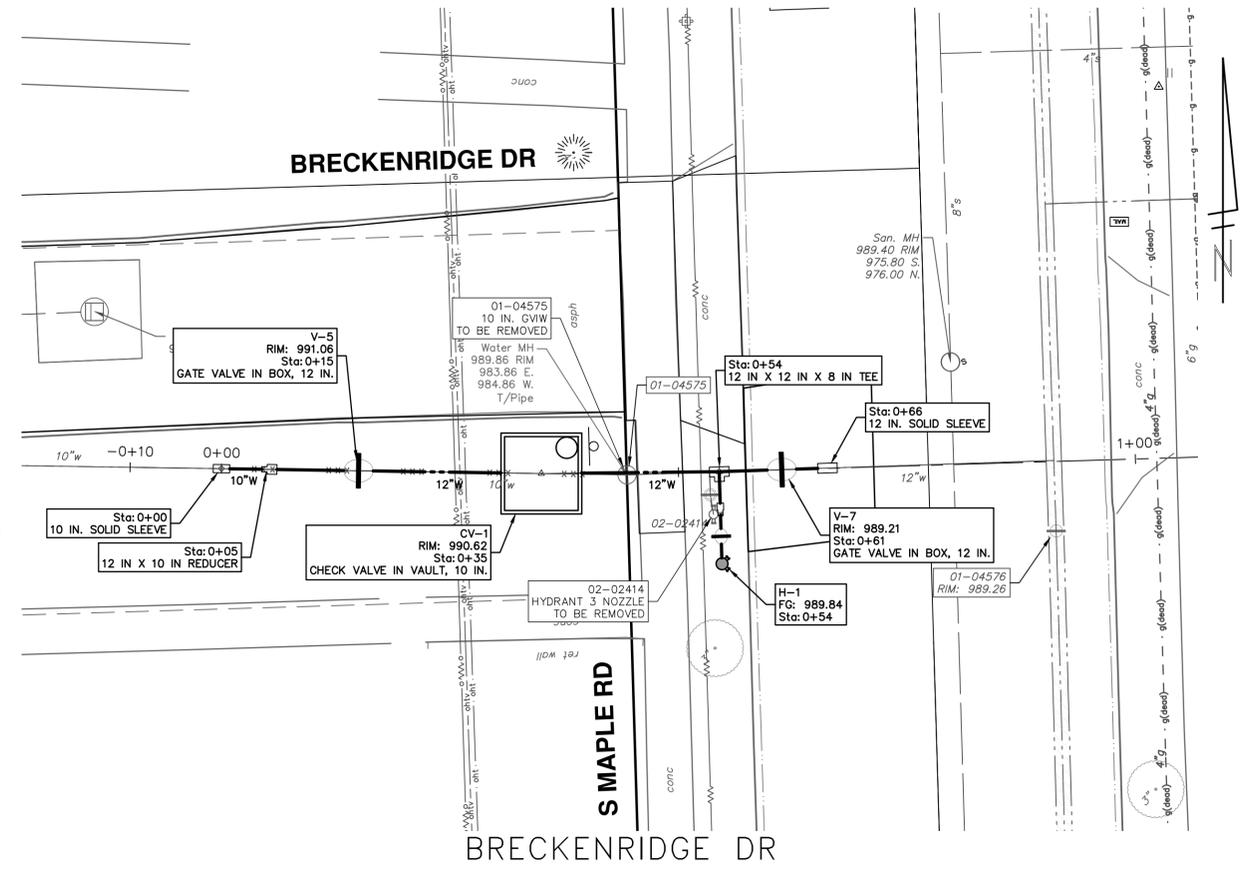
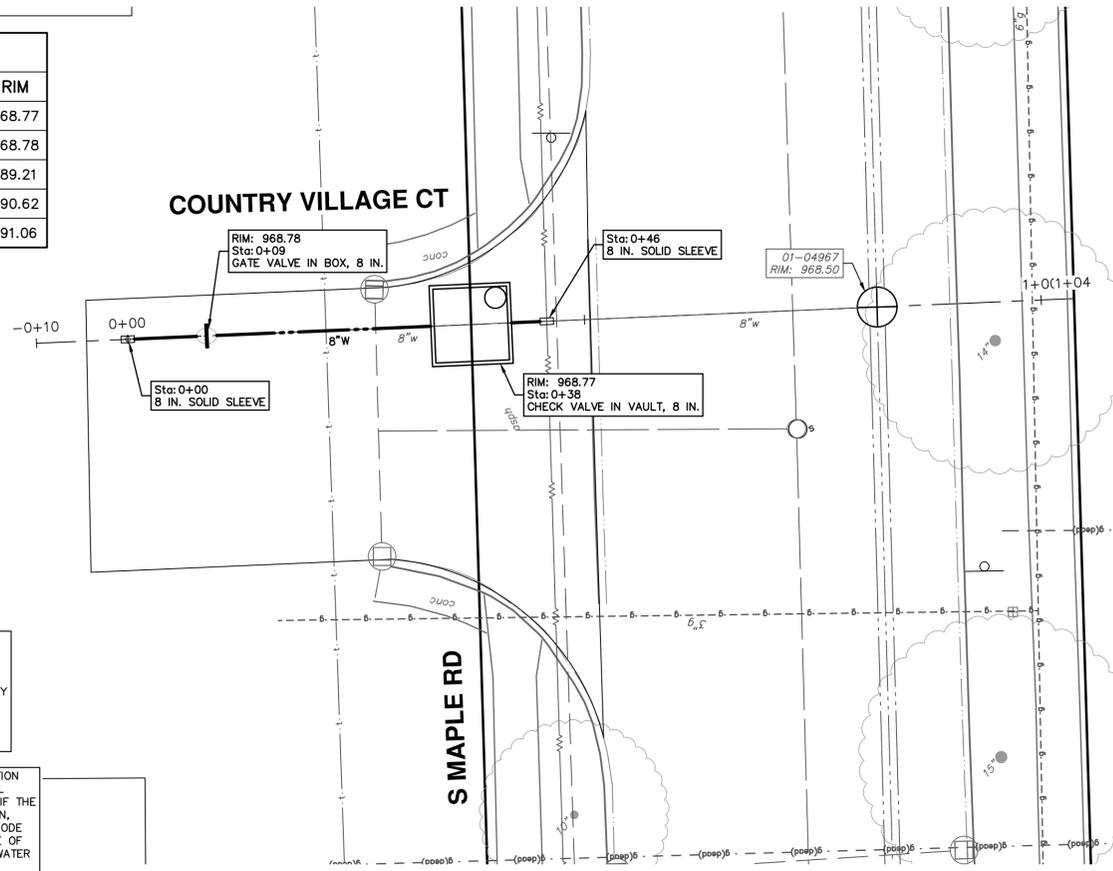
R:\2024013 S Industrial Maple\Plan Production\2024013Water Maple.dwg Dwg Created: 5-Mar-26 - _a2 standard bw.stb - Plot Date: 5-Mar-26

WATER MAIN STRUCTURES		
STRUCTURE	TYPE	RIM
CV-4	Check Valve in Vault, 8 In.	968.77
V-6	Gate Valve in Box, 8 In.	968.78
V-7	Gate Valve in Box, 12 In.	989.21
CV-1	Check Valve in Vault, 10 In.	990.62
V-5	Gate Valve in Box, 12 In.	991.06

WATER MAIN STRUCTURES		
STRUCTURE	TYPE	FG
H-1	Hydrant Assembly	989.84

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS 'SACRIFICIAL ANODE, XX LB'



Know what's below. Call before you dig.

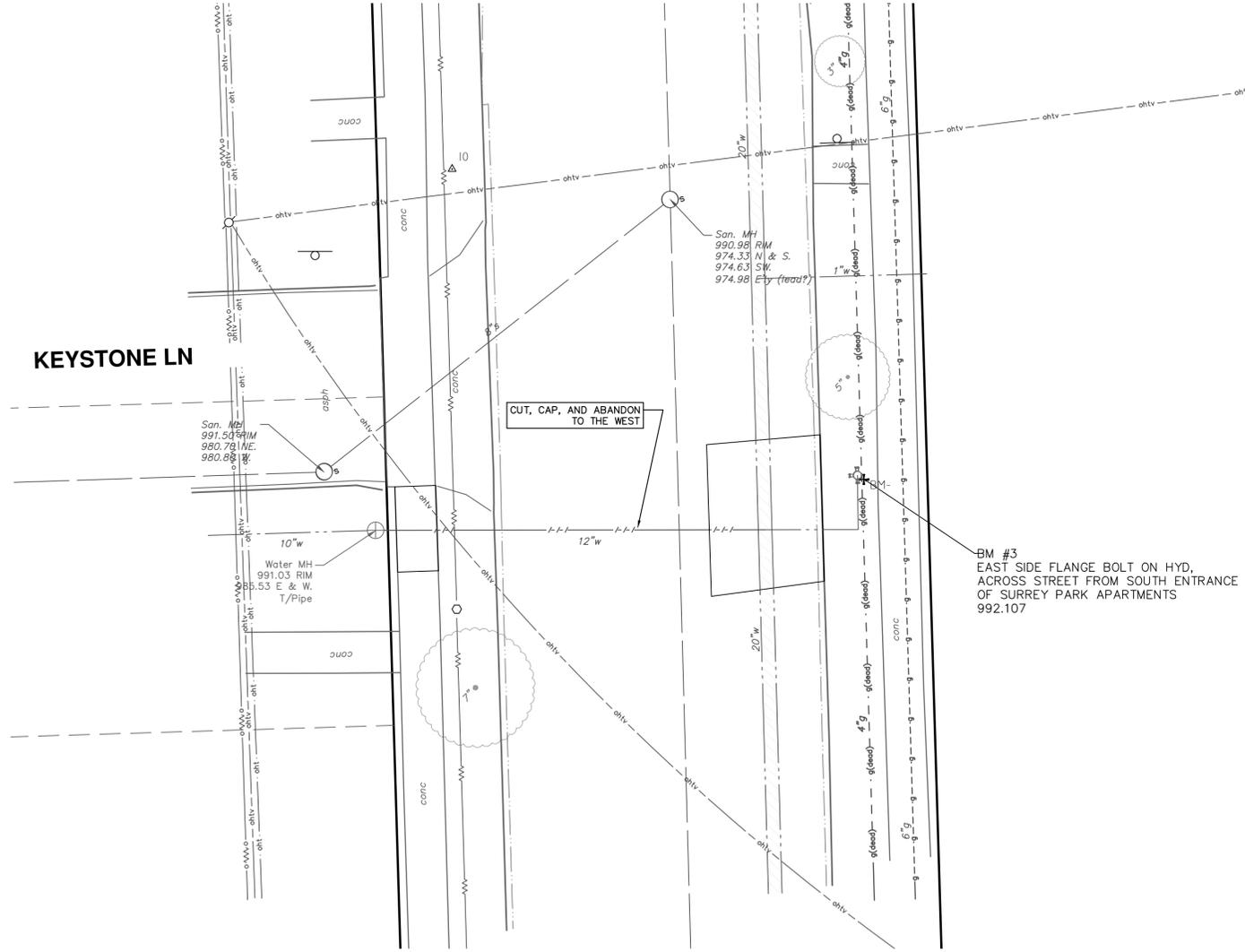
REV.	DATE	DESCRIPTION
01	03-06-2026	ADDENDUM 1
00	02-19-2026	OUT FOR BID

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR, MI 48107-8647
ANN ARBOR 734.794.4410
www.a2gov.org



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
BRECKENRIDGE DR. & COUNTRY VILLAGE
CT. CHECK VALVES

SCALE PLAN: 1" = 10'
DRAWING No. 2025026-17
SHEET No. 17 OF 23



THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS "SACRIFICIAL ANODE, XX LB"

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

SCALE PLAN: #####
 DRAWING No. 2025026-18

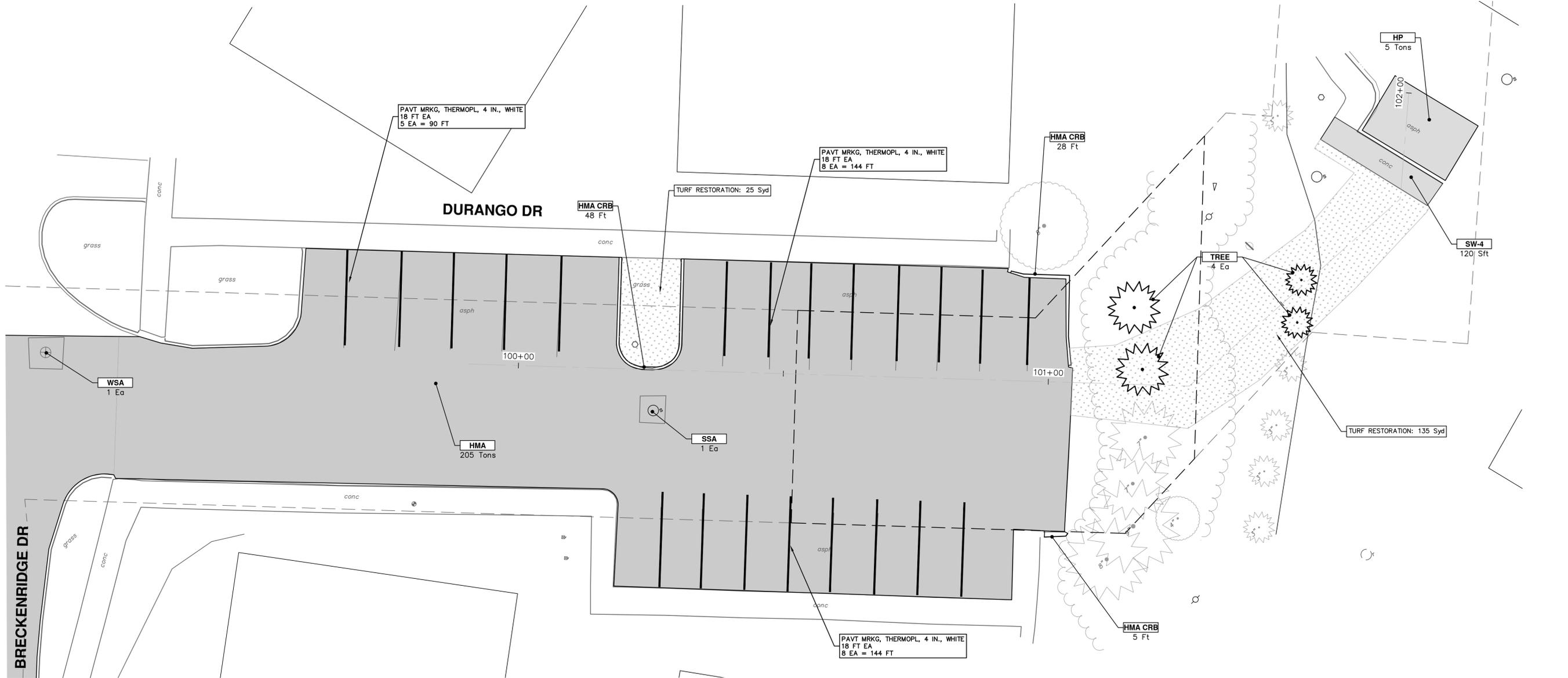


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REV.	DESCRIPTION
01	ADDENDUM 1
00	CUT FOR BID

DATE	DRAWN	CHECKED
03-06-2026	A2D	NB/JD
02-19-2026	A2D	NB/JD





- TREES SHOWN SHALL BE PLANTED AS A MIX OF SPECIES WITH MEDIUM AND SMALL TREES.
- TOTAL TREES SHOWN = 8
- LATIN NAME (MATURE SIZE) - COMMON NAME:
- Gleditsia triacanthos inermis 'Skyline' (L) - Honeylocust
 - Gymnocladus dioicis (L) - Kentucky coffeetree
 - Liquidambar styraciflua (M) - Sweetgum
 - Liriodendron tulipifera (L) - Tuliptree
 - Nyssa sylvatica (M) - Blackgum
 - Ostrya virginiana (M) - Ironwood
 - Quercus rubra (L) - Red oak
 - Quercus macrocarpa (L) - Bur oak
 - Amelanchier canadensis, tree form (S) - Serviceberry
 - Celtis occidentalis (L) - Hackberry
 - Cercis canadensis (S) - Redbud
 - Cornus florida (S) - flowering dogwood

CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HMA CRB	HMA Curb
CONC-8	Conc Pavt, Non-Reinf, 8 In.
CPIC-8	Conc Pavt With Integral Curb, Non-Reinf, 8 In.
CG	Conc, Curb or Curb & Gutter, All Types
DOM	Conc, Driveway Opening, Type M
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc, Sidewalk, 4 In.
SWR-6	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust
ENCL	Fence

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

RESTORATION

DURANGO (NORTH)

SCALE PLAN: 1" = 10'

DRAWING No. 2025026-19

SHEET No. 19 OF 23



CITY OF ANN ARBOR
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ANN ARBOR, MI 48106-6647
ANN ARBOR: 734.794.4410
WWW.ANARBOR.ORG

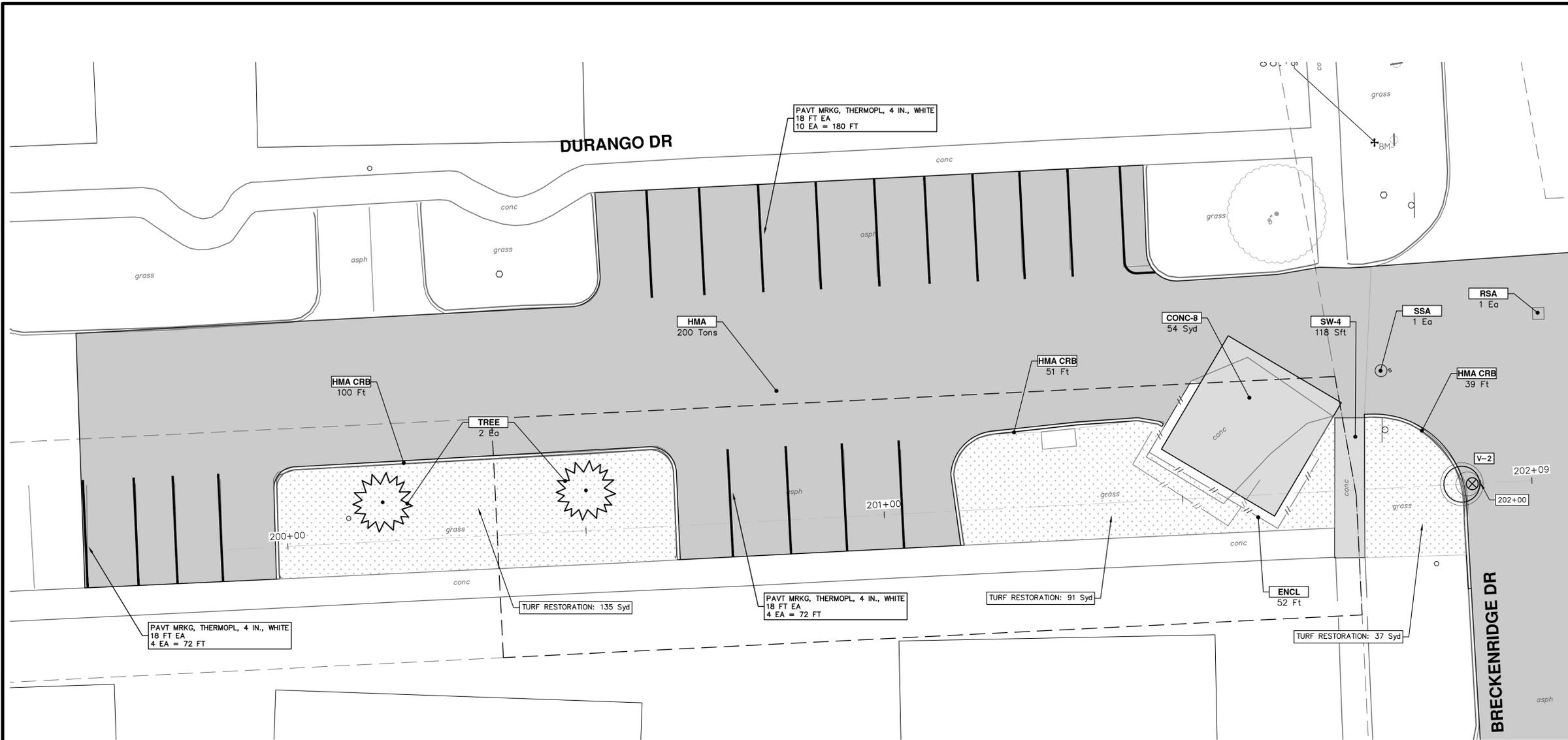
REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D

01 ADDENDUM 1
00 OUT FOR BID

Drawn: [Blank]
Checked: [Blank]

Know what's below.
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R:\2024013 S Industrial Maple\Plan Production\2024013Prd Maple.dwg Dwg Created: 17-Feb-26 - _a2 standard bw.stb - Plot Date: 5-Mar-26



CONSTRUCTION KEY	
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SW-4	Conc, Sidewalk, 4 In.
SWR-6	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust
ENCL	Fence

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS

RESTORATION

DURANGO (SOUTH)

SCALE PLAN: 1" = 10'

DRAWING No. 2025026-20

SHEET No. 20 OF 23

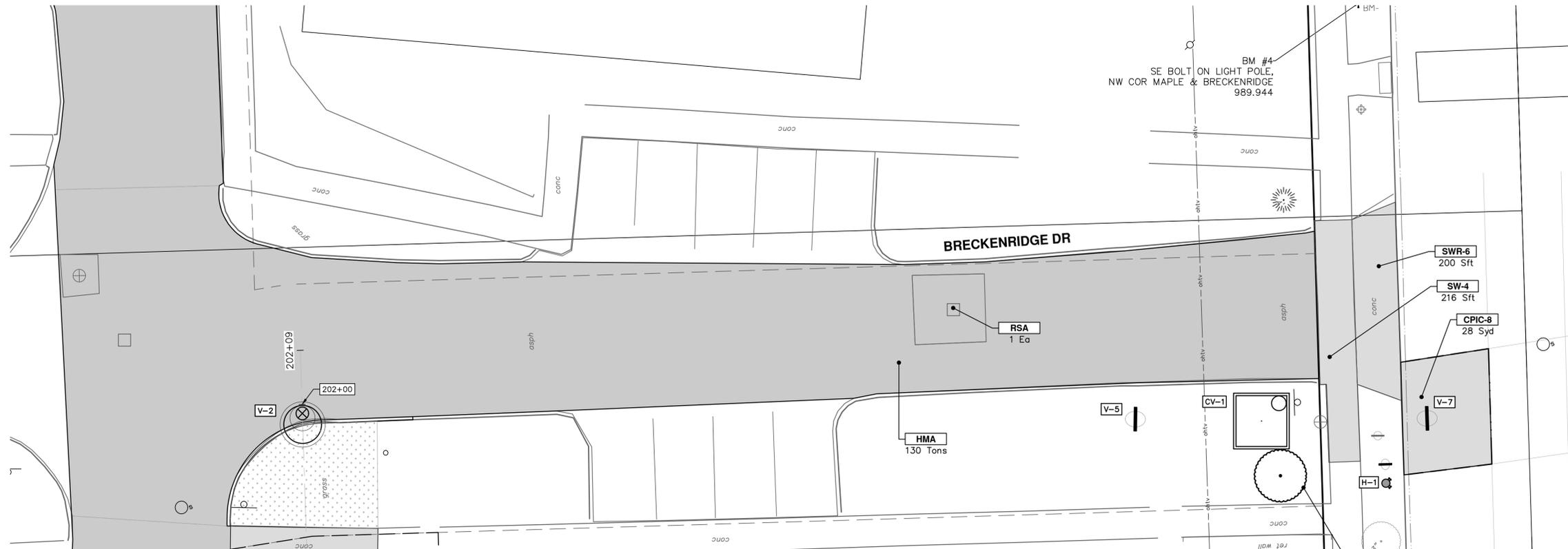
811
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01	ADDENDUM 1	A2D	NB/ID	CHECKED
00	OUT FOR BID	A2D	NB/ID	DRAWN
		DATE		

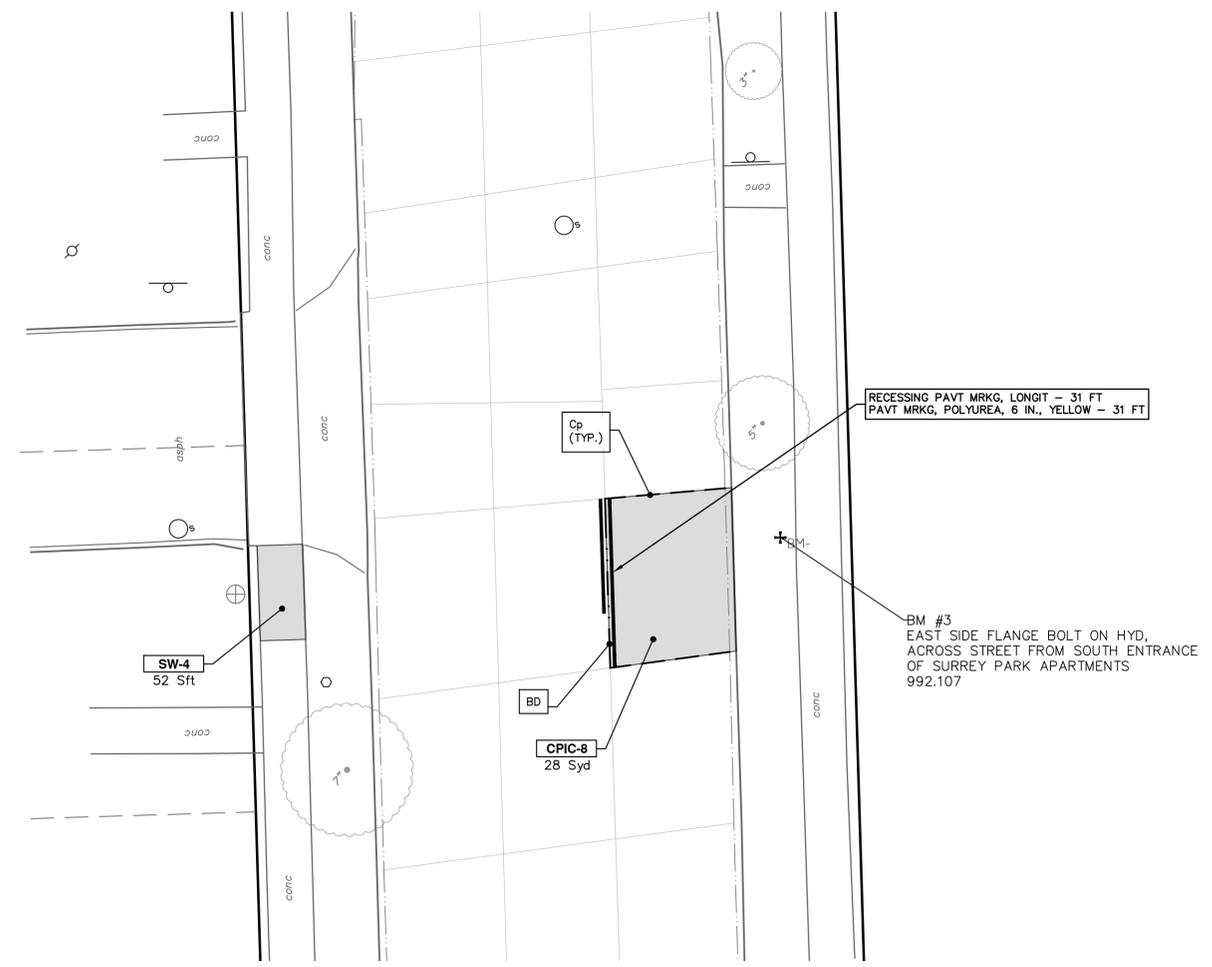
DESCRIPTION

REV.

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CONSTRUCTION KEY	
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RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust
ENCL	Fence



CONCRETE JOINT LEGEND:

- B - LONGITUDINAL BULKHEAD JOINT, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (B)
- D - LONGITUDINAL LANE TIE JOINT WITH TIE BARS, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (D)
- BD - LONGITUDINAL BULKHEAD JOINT OR LONGITUDINAL LANE TIE JOINT WITH TIE BARS, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (BD)
- Cp - TRANSVERSE CONTRACTION JOINT WITH LOAD TRANSFER DEVICE, SEALED ACCORDING TO MDOT STANDARD PLAN R-42 SERIES, SYMBOL (Cp)
- Crg - CONTRACTION JOINT, SEALED ACCORDING TO MDOT STANDARD PLAN R-44 SERIES, SYMBOL (Crg)

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS RESTORATION

BRECKENRIDGE DR AND S MAPLE RD, KEYSTONE LN

SCALE PLAN: 1" = 10'

DRAWING No. 2025026-21

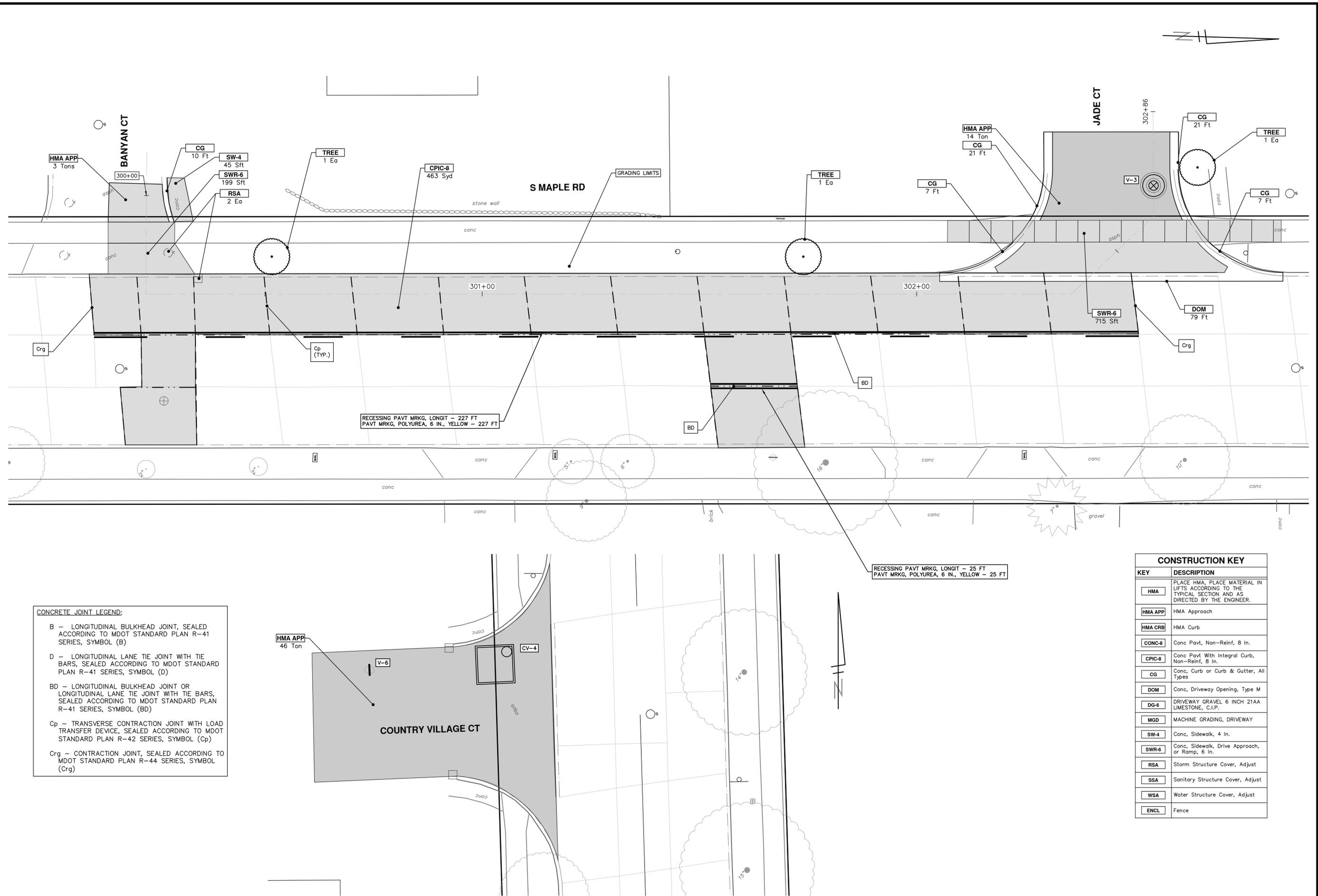
SHEET No. 21 OF 23

811
Know what's below. Call before you dig.

01	ADDENDUM 1	A2D	NB/ID	CHECKED
00	OUT FOR BID	A2D	NB/ID	CHECKED
		DATE	DRAWN	

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R:\2024013 S Industrial Maple\Plan Production\2024013Prd Maple.dwg Dwg Created: 17-Feb-26 - _a2 standard bw.stb - Plot Date: 5-Mar-26



CONCRETE JOINT LEGEND:

- B - LONGITUDINAL BULKHEAD JOINT, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (B)
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- BD - LONGITUDINAL BULKHEAD JOINT OR LONGITUDINAL LANE TIE JOINT WITH TIE BARS, SEALED ACCORDING TO MDOT STANDARD PLAN R-41 SERIES, SYMBOL (BD)
- Cp - TRANSVERSE CONTRACTION JOINT WITH LOAD TRANSFER DEVICE, SEALED ACCORDING TO MDOT STANDARD PLAN R-42 SERIES, SYMBOL (Cp)
- Crg - CONTRACTION JOINT, SEALED ACCORDING TO MDOT STANDARD PLAN R-44 SERIES, SYMBOL (Crg)



CONSTRUCTION KEY	
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WSA	Water Structure Cover, Adjust
ENCL	Fence

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS RESTORATION

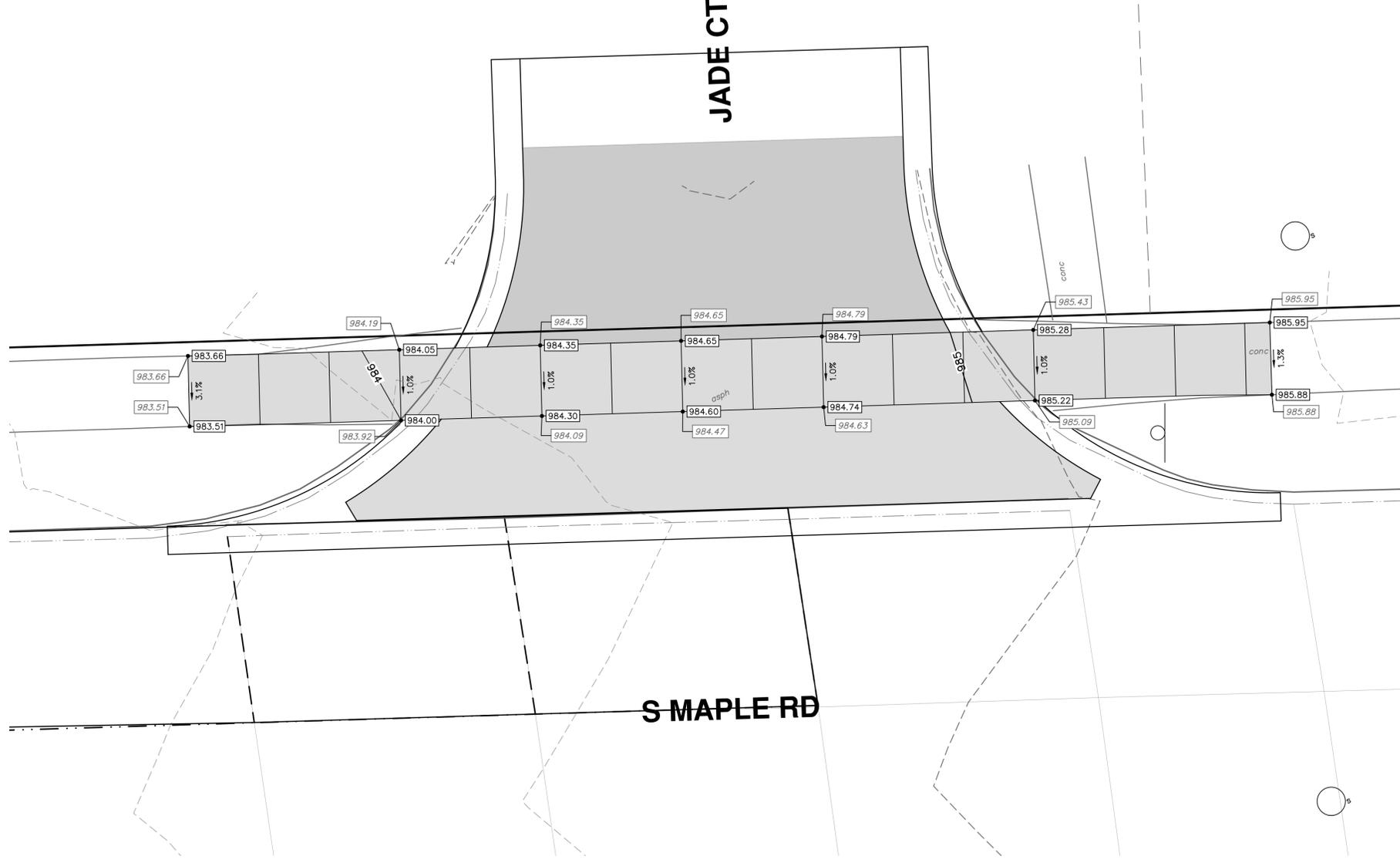
SHEET No. **22 OF 23**

811
Know what's below. Call before you dig.

NO.	DATE	DESCRIPTION	REV.
01	03-06-2026	ADDENDUM 1	
00	02-19-2026	OUT FOR BID	

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 PUBLIC SERVICES
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 ANN ARBOR, MI 48106-1667
 WWW.ANNGOV.ORG

S MAPLE RD - BANYAN CT TO JADE CT AND COUNTRY VILLAGE CT



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
 SCALE PLAN: 1" = 5'
 DRAWING No. 2025026-23

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS
 SIDEWALK GRADES
 JADE CT SIDEWALK GRADES



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REV	DESCRIPTION
01	ADDENDUM 1
00	OUT FOR BID

DATE	DRAWN	CHECKED
03-06-2026	A2D	NB/JD
02-19-2026	A2D	NB/JD





CITY OF ANN ARBOR ENGINEERING

ARBORDALE SHERWOOD WATER MAIN

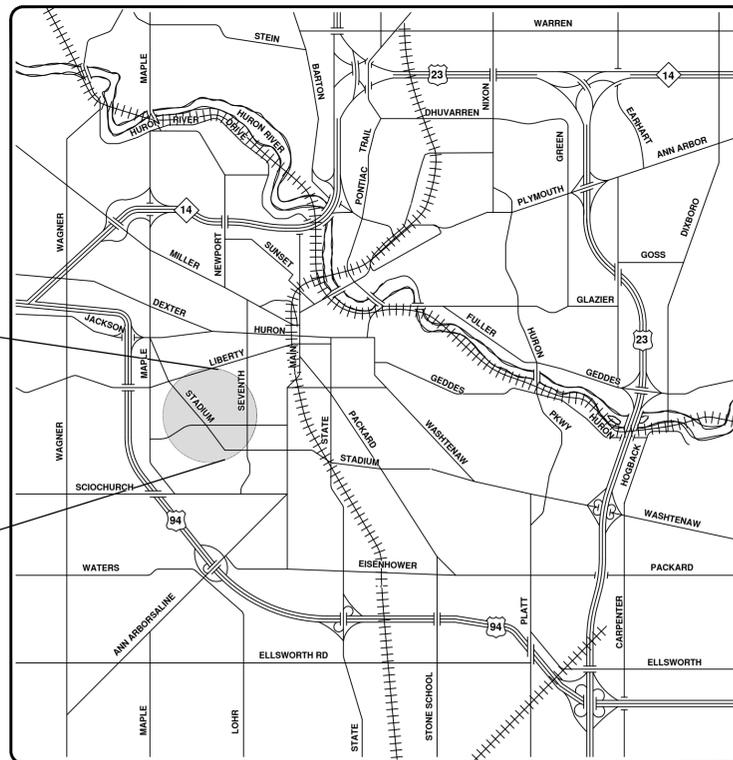
NOTES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CALL 811 OR 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

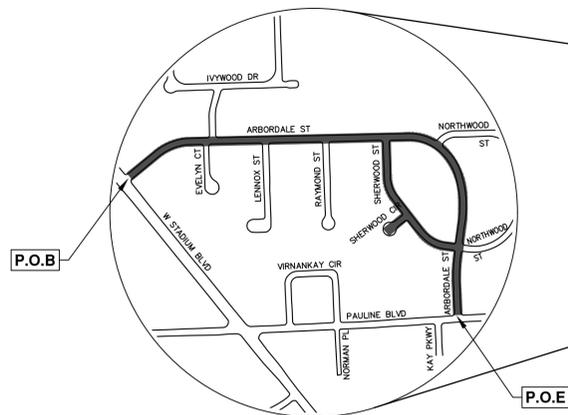
THE UNDERGROUND LOCATIONS SHOWN FOR NATURAL GAS, TELEPHONE, ELECTRICAL POWER, CABLE, TV AND FIBER OPTIC LINES ARE APPROXIMATE. THE CITY OF ANN ARBOR ASSUMES NO RESPONSIBILITY FOR THEIR ACCURATE REPRESENTATION IN THIS DRAWING. MISS DIG MUST BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE THESE UTILITIES.

THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES AREA DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS ("STANDARDS"). THE OMISSION OF ANY STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH THOSE STANDARDS.

RFP No. 26-17, FILE No. 2025011



VICINITY MAP



Sheet List Table	
Sheet Number	Sheet Title
1	Cover Sheet
2	Standard Notes
3	Legend
4	Traffic Control
Typical Sections	
5	Arbordale St - Existing Section
6	Arbordale St - Proposed Section
7	Sherwood St - Existing Section
8	Sherwood St - Proposed Section
Removals - Arbordale St	
9	P.O.B. - Sta. 110+00
10	Sta. 110+00 - Sta. 119+00
11	Sta. 119+00 - P.O.E.
Removals - Sherwood St	
12	Sta. 51+50 - Sta. 55+50
13	Sta. 55+50 - Sta. 58+50
Water Main Plan & Profile - Arbordale St	
14	Water 10+50 to 14+00
15	Water 14+00 to 17+50
16	Water 17+50 to 21+00
17	Water 21+00 to 24+50
18	Water 24+50 to 28+00
19	Water 28+00 to 31+50
20	Water 31+50 to 35+00
21	Water 35+00 to 38+50
Water Main Plan & Profile - Sherwood St	
22	Water 1+00 to 5+50
23	Water 5+50 to 9+80.11
Water Main Plan & Profile - Sherwood Cir	
24	Water 0+00 to 1+75
Storm Plan & Profiles	
25	Ivydale Evelyn Lennox
26	Raymond Northwood
27	Northwood
28	Arbordale Sherwood Northwood
29	Sherwood Northwood Arbordale
30	Sherwood Arbordale
31	Sherwood
32	Sherwood Ct
Road Plan & Profile - Arbordale St	
33	P.O.B. - Sta. 105+50
34	Sta. 105+50 - Sta. 110+00
35	Sta. 110+00 - Sta. 114+50
36	Sta. 114+50 - Sta. 119+00
37	Sta. 119+00 - Sta. 123+50
38	Sta. 123+50 - P.O.E.
Road Plan & Profile - Sherwood St	
39	Sta. 51+00 - Sta. 55+50
40	Sta. 55+50 - Sta. 58+50
Pavement Markings - Arbordale St	
41	P.O.B. - Sta. 110+00
42	Sta. 110+00 - Sta. 119+00
43	Sta. 119+00 - P.O.E.
Pavement Markings - Sherwood St	
44	Sta. 51+50 - Sta. 58+50
Intersection Grades	
45	Arbordale St. at Evelyn Ct., Ivydale Ave.
46	Arbordale St. at Sherwood St., Sherwood St. at Sherwood Cir.
47	Arbordale St. at Raymond St.
48	Arbordale St. at Northwood St.(N)
49	Arbordale St. at Northwood St.(S), Pauline Blvd.
Permanent Signage - Arbordale St	
50	P.O.B. - Sta. 110+00
51	Sta. 110+00 - Sta. 119+00
52	Sta. 119+00 - P.O.E.
Permanent Signage - Sherwood St	
53	Sta. 51+50 - Sta. 58+50

PREPARED UNDER THE SUPERVISION OF

Nicholas Bayley
NICHOLAS BAYLEY, P.E. MI LICENSE No. 6201055228
PROJECT MANAGER



02/19/2026
DATE



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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
THIS PROJECT INCLUDES WATER MAIN REPLACEMENT, STORM SEWER IMPROVEMENTS, BUMP OUTS, RAISED PEDESTRIAN DEVICES, AND RESURFACING WITHIN THE RIGHT-OF-WAY OF ARBORDALE ST. (STADIUM TO PAULINE), SHERWOOD ST. (ENTIRETY), SHERWOOD CIRCLE (ENTIRETY).

SCALE
DRAWING No.
2025011-1

SHEET No.
1 OF 53

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Cov.dwg - _o2 standard bw.stb - Plot Date: 3/6/2026 11:16:10 AM

CONSTRUCTION NOTES:

1. Driveways and entrances to buildings, real property, and the like shall not be blocked except for short durations and only when approved by the Engineer. Vehicular and pedestrian access shall be maintained at all times. It shall be the Contractor's responsibility to coordinate all necessary driveway closures with the property owner(s) and resident(s) in the areas of construction.
2. The location and depth of all existing utilities and service leads are to be field verified by the Contractor prior to construction.
3. Location and depth of utilities as depicted on the plans is approximate and shown according to the best information available. It is the Contractor's responsibility to excavate ahead and adjust depth of conflict utilities accordingly. Any damage to utilities is the Contractor's responsibility to avoid and/or repair as necessary.
4. The Contractor is to take special care to protect the existing water main and be responsible for maintaining consistent water service.
5. During non-working hours no trench shall remain open; any open trench shall be properly secured with protective fencing. This work shall be included in the item of work "General Conditions".
6. Trenches for new water services shall be excavated to MIOSHA and City of Ann Arbor Public Works requirements.
7. City of Ann Arbor Public Works will install the corporation and copper service lead(s) to transfer the connection(s). If an existing water service is found to be failing or is not copper, the lead will be replaced to the curb box by Public Works.
8. For the installation of corporations, or any other related activities, the Contractor shall not receive additional compensation for delays due to the scheduling of or coordination with the City of Ann Arbor Public Works.
9. The Contractor shall backfill trenches in accordance with Trench Detail specified on plans. This work shall be included in the item of work "Excavate and Backfill for Water Service Tap and Lead". All concrete removals and replacements required for this work will be paid for separately.
10. Water main fittings, other than those specifically listed as separate pay items, which are required to complete the work, such as blow-off assemblies, concrete thrust blocks, solid sleeves and mechanical plugs, shall not be paid for separately, but shall be included in the pipe pay items.
11. "No Parking" signs shall be installed by the Contractor at locations as approved or directed by the Engineer. All signs shall be installed in accordance with the detailed specifications.
12. Postal delivery and refuse pickup service shall be maintained at all times by the Contractor.
13. All fittings, hydrants, valves and castings removed during construction are the property of the City of Ann Arbor. The Contractor within 48 hours shall deliver to City of Ann Arbor Public Works Facility at the W.R. Wheeler Service Center located at 4251 Stone School Road.
14. Where street curbs are undermined due to construction activities, they shall be removed and replaced as directed by the Engineer.
15. The Contractor shall be responsible for the continuous maintenance of the temporary road surface and soil erosion control measures within the construction area until the full completion of the project. This work shall be included in the item of work "General Conditions".
16. All curb, sidewalk, driveway approach removals shall be approved by Engineer before the work is done.
17. The location of material stock piles and on-site staging areas to be approved by the Engineer.
18. All structures shall receive new castings as directed by the Engineer, as specified on the standard casting schedule. The existing castings are the property of the City of Ann Arbor. The Contractor shall deliver to City of Ann Arbor Public Works Facility at the W.R. Wheeler Service Center located at 4251 Stone School Road.
19. Existing street name, guide, and regulatory signs, and mailboxes which conflict with the proposed construction shall be removed prior to construction, stored in a manner which will prevent damage, and re-set in locations as directed by the Engineer.

ARBORDALE SHERWOOD WATER MAIN BENCHMARKS		
BM #	ELEV	DESCRIPTION
1	939.338	SPIKE IN EAST SIDE OF UTILITY POLE, NW CORNER OF PAULINE & ARBORDALE
2	930.231	SPIKE IN EASTERLY SIDE OF UTILITY POLE, NW CORNER OF ARBORDALE & SHERWOOD (SOUTHERLY INTERSECTION)
3	933.469	SPIKE IN NE'LY SIDE OF UTILITY POLE, WEST SIDE OF ARBORDALE, BETWEEN HSE #'S 926 & 920
4	931.467	FLANGE BOLT ON EAST SIDE OF HYDRANT, NE CORNER OF ARBORDALE & NORTHWOOD
5	930.935	SPIKE IN NORTH SIDE OF UTILITY POLE, SE CORNER OF ARBORDALE & SHERWOOD (NORTHERLY INTERSECTION)
6	928.789	SPIKE IN SOUTH SIDE OF UTILITY POLE, NORTH SIDE OF ARBORDALE, BETWEEN HSE #'S 1700 & 1652. ACROSS FROM RAYMOND ST.
7	924.902	SPIKE IN NORTH SIDE OF UTILITY POLE, SW CORNER OF ARBORDALE & LENNOX
8	918.910	SPIKE IN NORTH SIDE OF UTILITY POLE, SE CORNER OF ARBORDALE & EVELYN CT.
9	915.897	SPIKE IN SE SIDE OF UTILITY POLE, NW SIDE OF ARBORDALE, BETWEEN HSE #1854 & SPEEDWAY GAS STATION,
10	921.750	FLANGE BOLT ON EAST SIDE OF HYDRANT, NE CORNER OF ARBORDALE & STADIUM
11	934.893	SPIKE IN SW SIDE OF UTILITY POLE, EASTERLY SIDE OF SHERWOOD, BETWEEN HSE #S 921 & 931
12	933.670	SPIKE IN SW SIDE OF UTILITY POLE, EASTERLY SIDE OF SHERWOOD, BETWEEN HSE #S 951 & 975 ACROSS FROM SHERWOOD CIRCLE

PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
LANE CLOSURE PERMIT*	CITY OF ANN ARBOR ENGINEERING
"NO PARKING" SIGNS PERMIT*	CITY OF ANN ARBOR ENGINEERING
GRADING/SOIL EROSION & SEDIMENTATION CONTROL PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
RIGHT-OF-WAY PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
* NO COST TO CONTRACTOR	

PERMITS REQUIRED TO BE OBTAINED BY THE CITY OF ANN ARBOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY
WATER MAIN CONSTRUCTION PERMIT	MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY (EGLE)

CONTACT INFORMATION

PUBLIC UTILITIES	OWNER	CONTACT
WATER	CITY OF ANN ARBOR PUBLIC WORKS W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	(734) 794-6350
SANITARY		
STORM		
FORESTRY		
SIGNS SIGNALS STREET LIGHTS		
FIBER OPTIC	CITY OF ANN ARBOR INFORMATION TECHNOLOGY LARCUM CITY HALL 301 E. HURON STREET ANN ARBOR, MI 48107	(734) 794-6550
PRIVATE UTILITIES	OWNER	CONTACT
GAS	DTE ENERGY 3150 E. MICHIGAN AVE. YPSILANTI TOWNSHIP, MI 48198	ADAM EGELER 734 929-8042 ADAM.EGELER@DTEENERGY.COM
ELECTRIC	DTE ENERGY WESTERN WAYNE SERVICE CENTER 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	ANTHONY IGNASIAK (734) 397-4447
CABLE	COMCAST 27800 FRANKLIN ROAD SOUTHFIELD, MI 48034	STEPHEN BECK (248) 972-7511
PHONE	AT&T 550 S. MAPLE ROAD ANN ARBOR, MI 48103	CHRIS SHOUP (734) 263-7385 CS6558@ATT.COM
FIBER OPTIC	MCI/VERIZON 4401 STECKER STREET DEARBORN, MICHIGAN 48126	MARLON REDD (313) 588-0849 MARLON.REDD@VERIZON.COM
FIBER OPTIC	WINDSTREAM 1295 S LINDEN ROAD, SUITE B FLINT, MI 48532	DAVID BEGGS (810) 397-8956 DAVID.BEGGS@WINDSTREAM.COM
FIBER OPTIC	ADVANCED COMMUNICATIONS & DATA 1800 NORTH GRAND RIVER AVE LANSING, MI 48906	OSP@ACD.NET
STREET LIGHTING	DTE ENERGY 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	LANCE ALLEY (734) 397-4188

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		A2D	A2D		DRAWN
		03-06-2026	02-19-2026		DATE

ADDENDUM No. 1
OUT FOR BID

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
P.O. BOX 8647
ANN ARBOR, MI 48107-8647
734.794.6410
www.aagov.org

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

ARBORDALE SHERWOOD WATER MAIN

STANDARD NOTES

SCALE: NTS

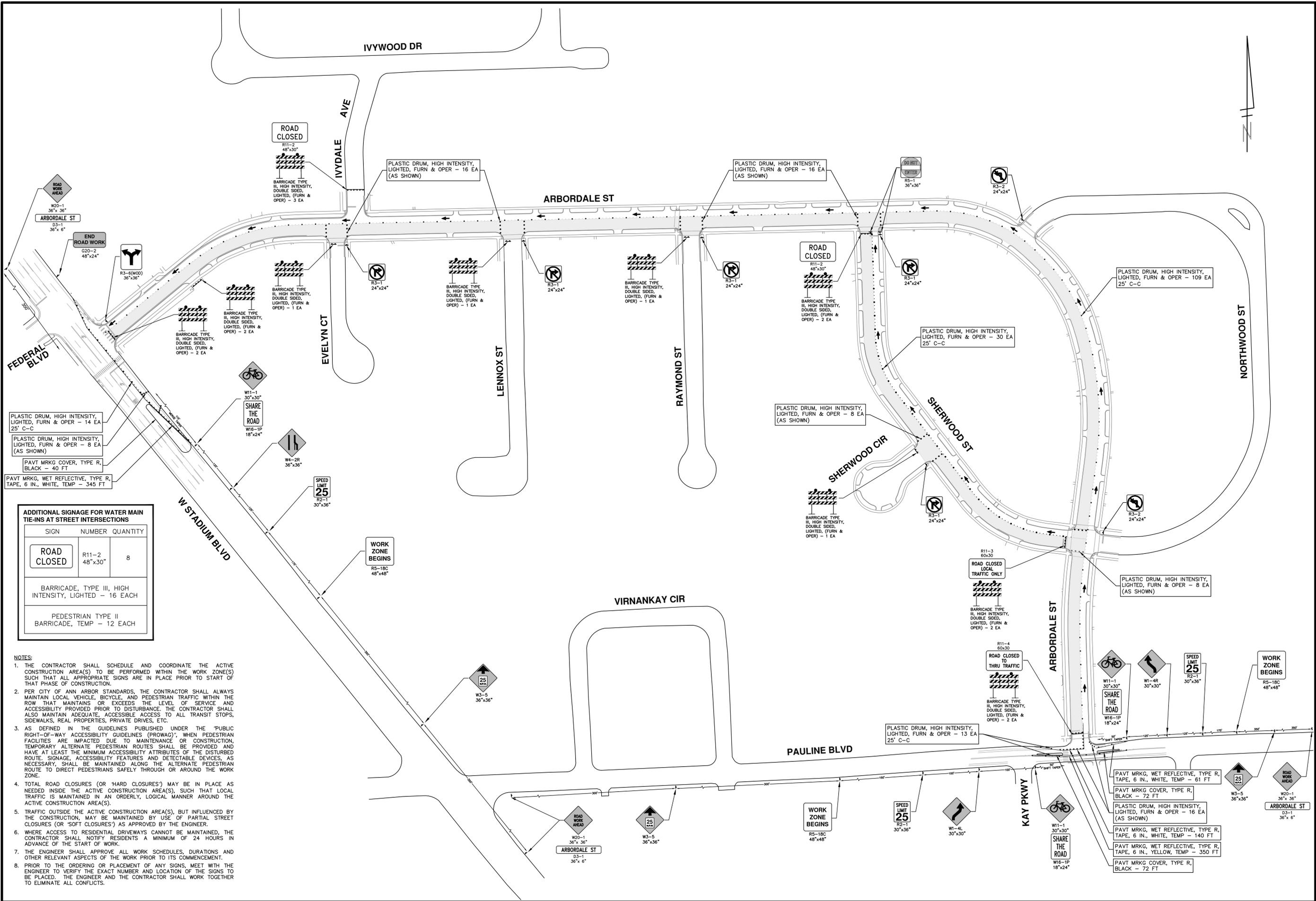
DRAWING No.

2025011-2

SHEET No.

2 OF 53

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ADDITIONAL SIGNAGE FOR WATER MAIN TIE-INS AT STREET INTERSECTIONS

SIGN	NUMBER	QUANTITY
ROAD CLOSED	R11-2 48"x30"	8
BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED - 16 EACH		
PEDESTRIAN TYPE II BARRICADE, TEMP - 12 EACH		

- NOTES:**
1. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE THE ACTIVE CONSTRUCTION AREA(S) TO BE PERFORMED WITHIN THE WORK ZONE(S) SUCH THAT ALL APPROPRIATE SIGNS ARE IN PLACE PRIOR TO START OF THAT PHASE OF CONSTRUCTION.
 2. PER CITY OF ANN ARBOR STANDARDS, THE CONTRACTOR SHALL ALWAYS MAINTAIN LOCAL VEHICLE, BICYCLE, AND PEDESTRIAN TRAFFIC WITHIN THE ROW THAT MAINTAINS OR EXCEEDS THE LEVEL OF SERVICE AND ACCESSIBILITY PROVIDED PRIOR TO DISTURBANCE. THE CONTRACTOR SHALL ALSO MAINTAIN ADEQUATE, ACCESSIBLE ACCESS TO ALL TRANSIT STOPS, SIDEWALKS, REAL PROPERTIES, PRIVATE DRIVES, ETC.
 3. AS DEFINED IN THE GUIDELINES PUBLISHED UNDER THE "PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG)", WHEN PEDESTRIAN FACILITIES ARE IMPACTED DUE TO MAINTENANCE OR CONSTRUCTION, TEMPORARY ALTERNATE PEDESTRIAN ROUTES SHALL BE PROVIDED AND HAVE AT LEAST THE MINIMUM ACCESSIBILITY ATTRIBUTES OF THE DISTURBED ROUTE. SIGNAGE, ACCESSIBILITY FEATURES AND DETECTABLE DEVICES, AS NECESSARY, SHALL BE MAINTAINED ALONG THE ALTERNATE PEDESTRIAN ROUTE TO DIRECT PEDESTRIANS SAFELY THROUGH OR AROUND THE WORK ZONE.
 4. TOTAL ROAD CLOSURES (OR HARD CLOSURES) MAY BE IN PLACE AS NEEDED INSIDE THE ACTIVE CONSTRUCTION AREA(S), SUCH THAT LOCAL TRAFFIC IS MAINTAINED IN AN ORDERLY, LOGICAL MANNER AROUND THE ACTIVE CONSTRUCTION AREA(S).
 5. TRAFFIC OUTSIDE THE ACTIVE CONSTRUCTION AREA(S), BUT INFLUENCED BY THE CONSTRUCTION, MAY BE MAINTAINED BY USE OF PARTIAL STREET CLOSURES (OR "SOFT CLOSURES") AS APPROVED BY THE ENGINEER.
 6. WHERE ACCESS TO RESIDENTIAL DRIVEWAYS CANNOT BE MAINTAINED, THE CONTRACTOR SHALL NOTIFY RESIDENTS A MINIMUM OF 24 HOURS IN ADVANCE OF THE START OF WORK.
 7. THE ENGINEER SHALL APPROVE ALL WORK SCHEDULES, DURATIONS AND OTHER RELEVANT ASPECTS OF THE WORK PRIOR TO ITS COMMENCEMENT.
 8. PRIOR TO THE ORDERING OR PLACEMENT OF ANY SIGNS, MEET WITH THE ENGINEER TO VERIFY THE EXACT NUMBER AND LOCATION OF THE SIGNS TO BE PLACED. THE ENGINEER AND THE CONTRACTOR SHALL WORK TOGETHER TO ELIMINATE ALL CONFLICTS.



Know what's below.
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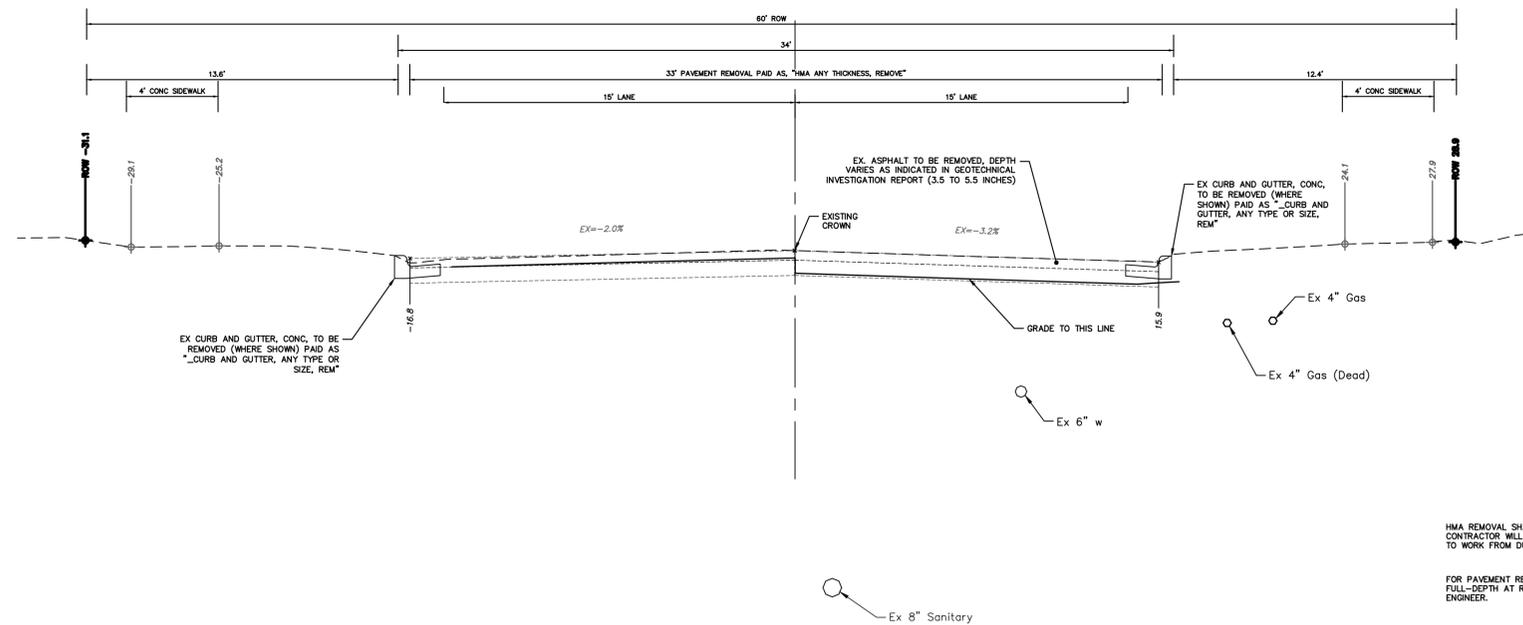
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00	02-19-2026	OUT FOR BID	



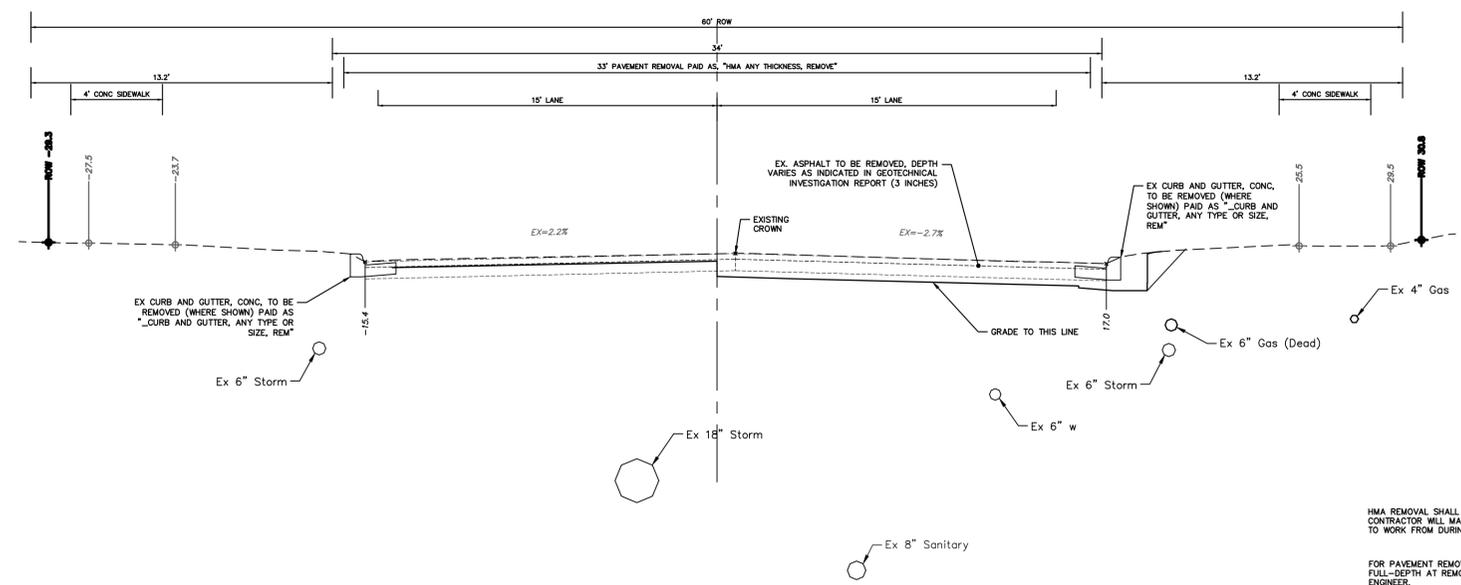
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN

SCALE PLAN: 1" = 80'
DRAWING NO: 2025011-4
SHEET NO. 4 OF 51

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**ARBORDALE STREET
TYPICAL SECTION**
LENNOX ST TO PAULINE BLVD
N.T.S.



**ARBORDALE STREET
TYPICAL SECTION**
W STADIUM BLVD TO LENNOX ST
N.T.S.

HMA REMOVAL SHALL BE HALF-WIDTH AND THE CONTRACTOR WILL MAINTAIN THE EXISTING HMA SURFACE TO WORK FROM DURING WATERMAN CONSTRUCTION.
FOR PAVEMENT REMOVALS, SAWCUT EXISTING MATERIAL FULL-DEPTH AT REMOVAL LIMITS, AS DIRECTED BY THE ENGINEER.

HMA REMOVAL SHALL BE HALF-WIDTH AND THE CONTRACTOR WILL MAINTAIN THE EXISTING HMA SURFACE TO WORK FROM DURING WATERMAN CONSTRUCTION.
FOR PAVEMENT REMOVALS, SAWCUT EXISTING MATERIAL FULL-DEPTH AT REMOVAL LIMITS, AS DIRECTED BY THE ENGINEER.



NO.	DATE	DESCRIPTION	BY	CHECKED
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00	02-19-2026	OUT FOR BID	A2D	DRAWN
			NB/JD	CHECKED

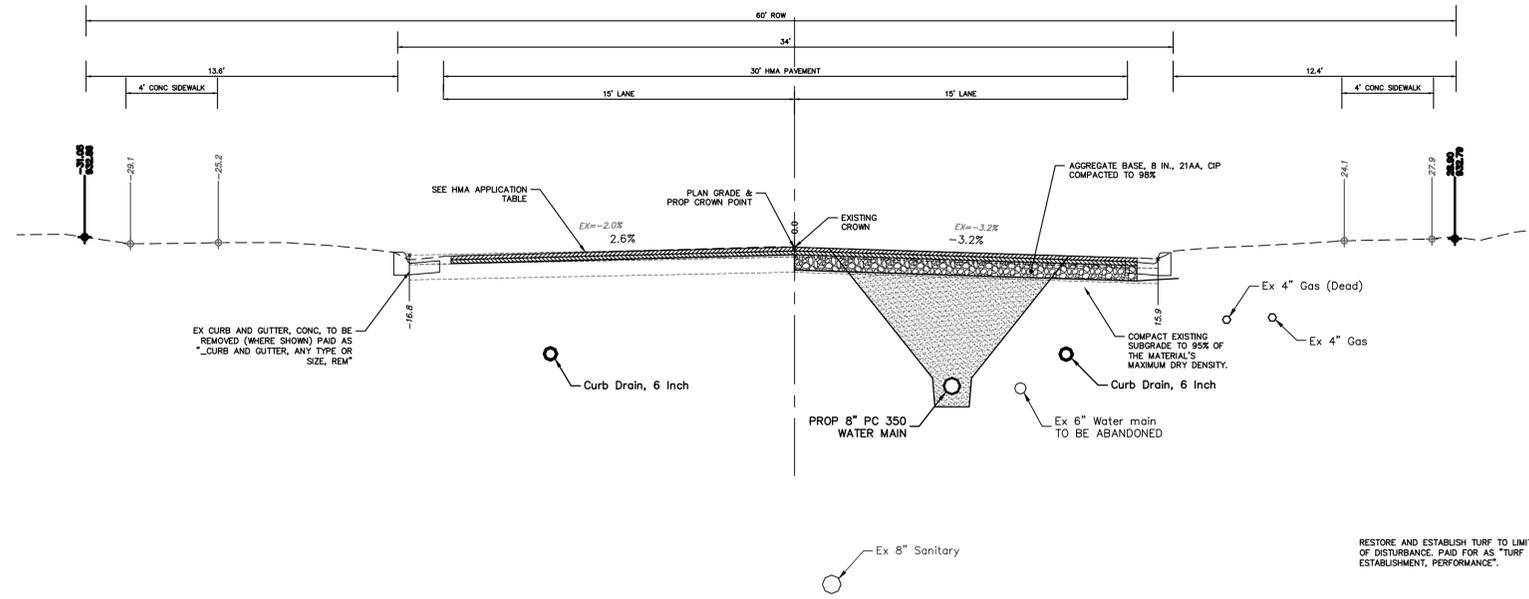
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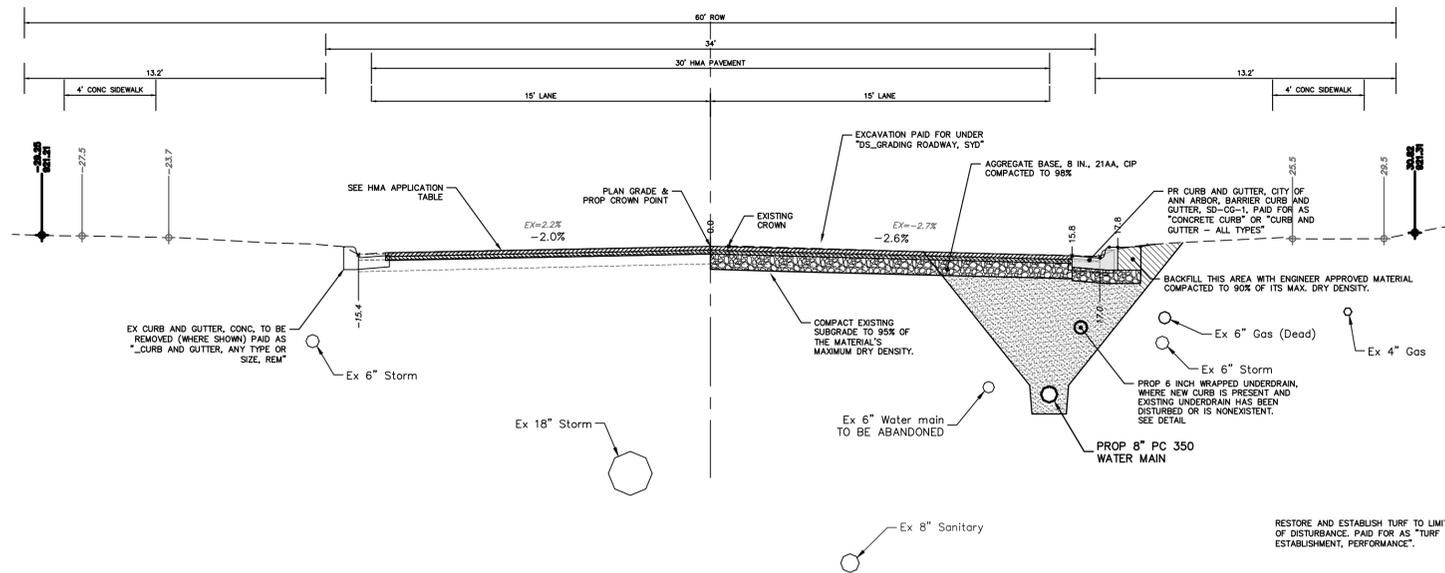
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
TYPICAL SECTIONS
ARBORDALE ST - EXISTING SECTION

SCALE PLAN: 1" = 4'
PROFILE: 1" = 4'
DRAWING No. 2025011-5

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**ARBORDALE STREET
TYPICAL SECTION**
NORTHWOOD ST TO SHERWOOD ST/NORTHWOOD ST
N.T.S.



**ARBORDALE STREET
TYPICAL SECTION**
W STADIUM BLVD TO NORTHWOOD ST - SHERWOOD ST/NORTHWOOD TO PAULINE BLVD
N.T.S.

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD	-	-	-	INCLUDE IN COST OF HMA ITEM



REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D

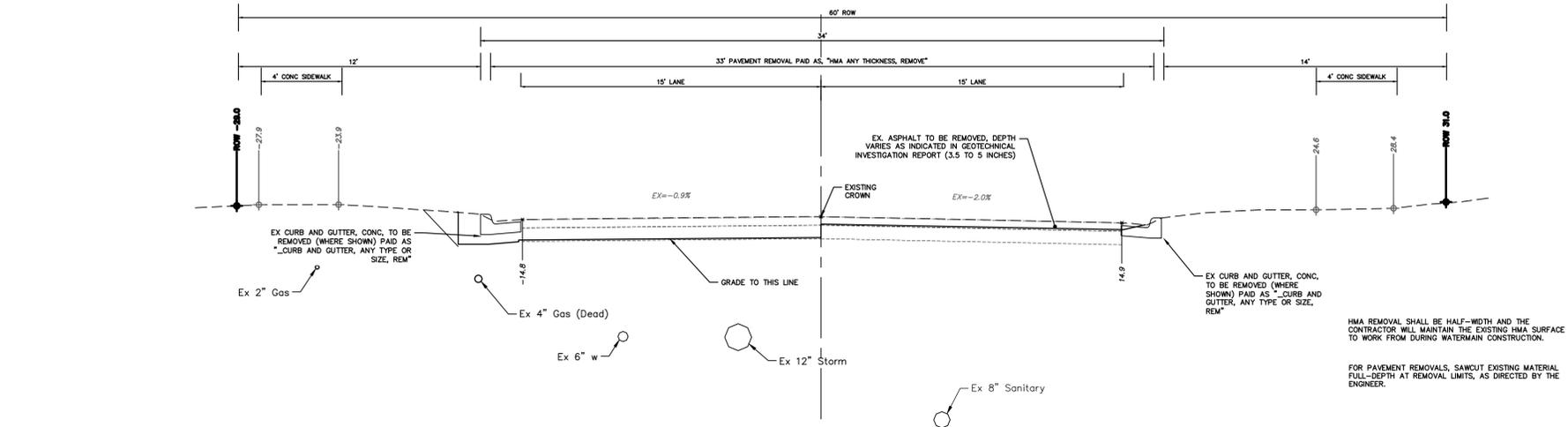
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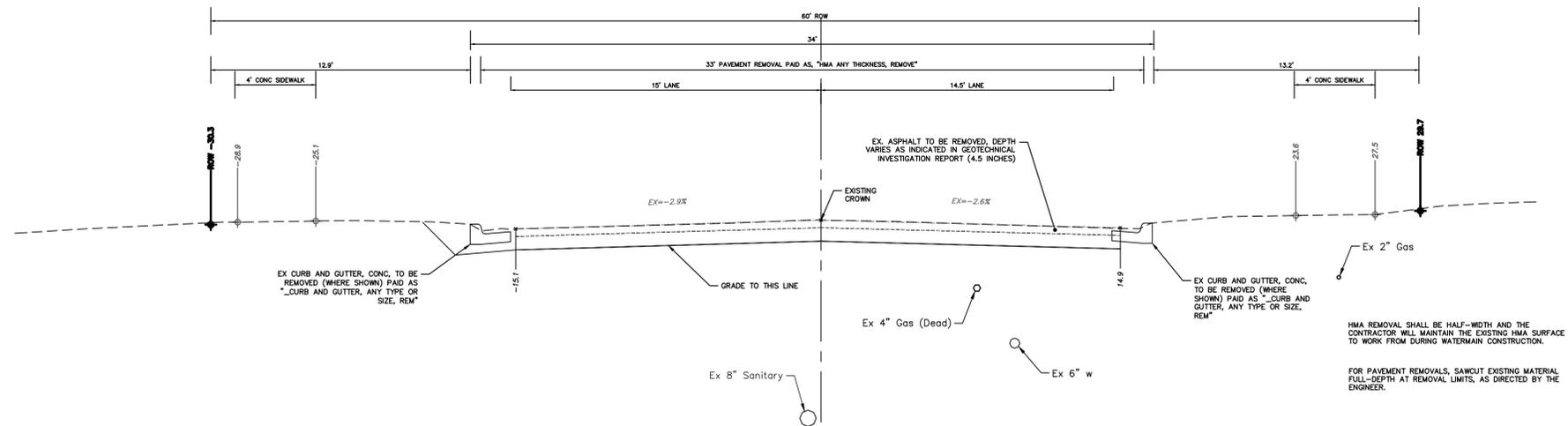
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
TYPICAL SECTIONS
ARBORDALE ST - PROPOSED SECTION

SCALE PLAN: 1" = 4'
PROFILE: 1" = 4'
DRAWING No. 2025011-6

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**SHERWOOD STREET
TYPICAL SECTION**



**SHERWOOD CIRCLE
TYPICAL SECTION**



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00	02-19-2026	OUT FOR BID

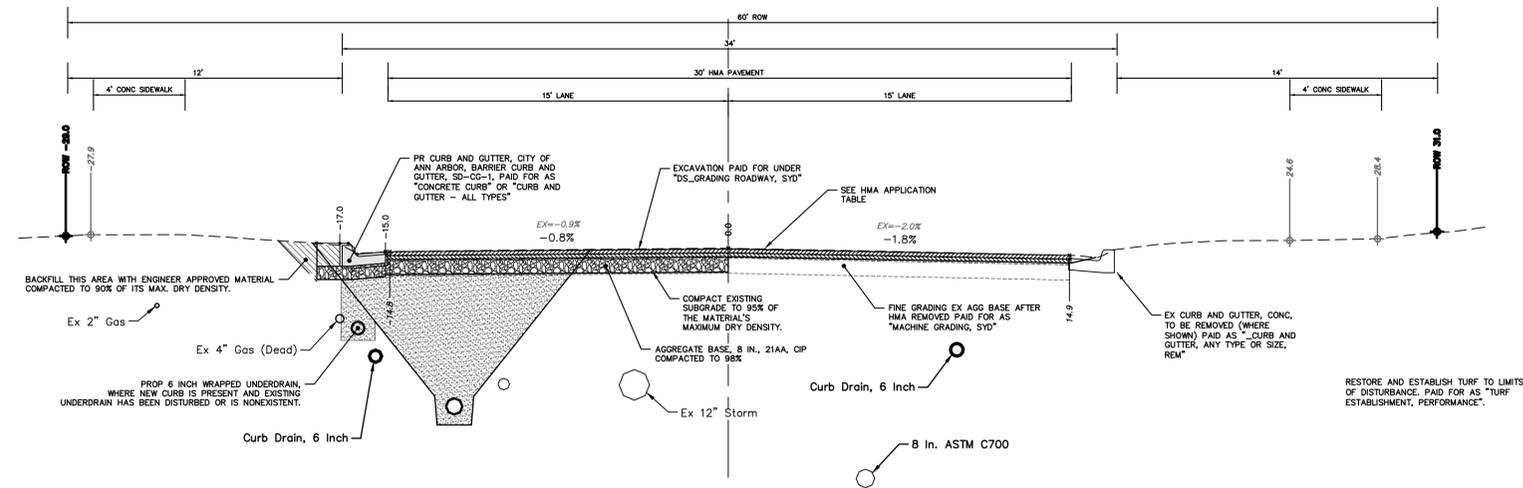
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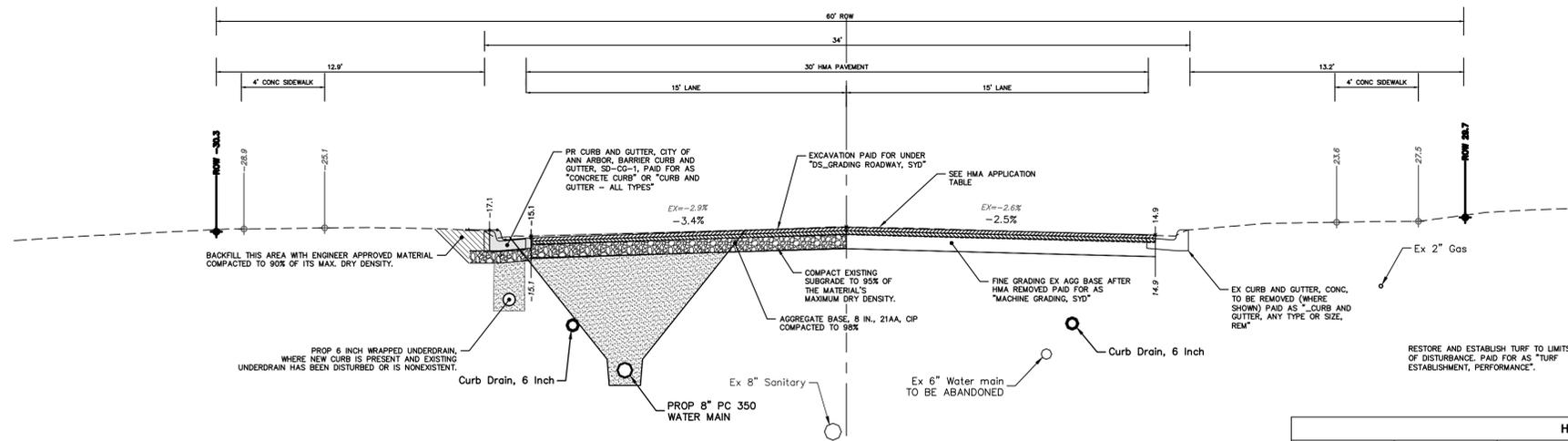
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ARBORDALE SHERWOOD WATER MAIN
TYPICAL SECTIONS

SHERWOOD ST - EXISTING SECTION
DRAWING No. 2025011-7
PROFILE: 1" = 4'
SCALE PLAN: 1" = 4'

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**SHERWOOD STREET
TYPICAL SECTION**



**SHERWOOD CIRCLE
TYPICAL SECTION**

HMA APPLICATION ESTIMATE						
HMA PAVEMENT	HMA MIX	RATE OF APPLICATION	THICKNESS (INCHES)	AWI (MIN.)	BINDER	LOCATION/NOTES
HMA PAVEMENT TOP	4EL	220 LB/SYD	2.0	220 (TOP)	PG 58-28	TOP COURSE
HMA PAVEMENT LEVELING	4EL	220 LB/SYD	2.0	-	PG 58-28	LEVELING COURSE
HMA APPROACH TOP	4EL	220 LB/SYD	2	220 (TOP)	PG 58-28	TOP COURSE
HAND PATCHING	4EL	0 - 440 LB/SYD			PG 58-28	HAND PATCHING
ASPHALT EMULSION	SS-1h	0.05 - 0.15 GAL/SYD	-	-	-	INCLUDE IN COST OF HMA ITEM



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01	03-06-2026	ADDENDUM No. 1	A2D	NB/JD
00	02-19-2026	OUT FOR BID	A2D	NB/JD

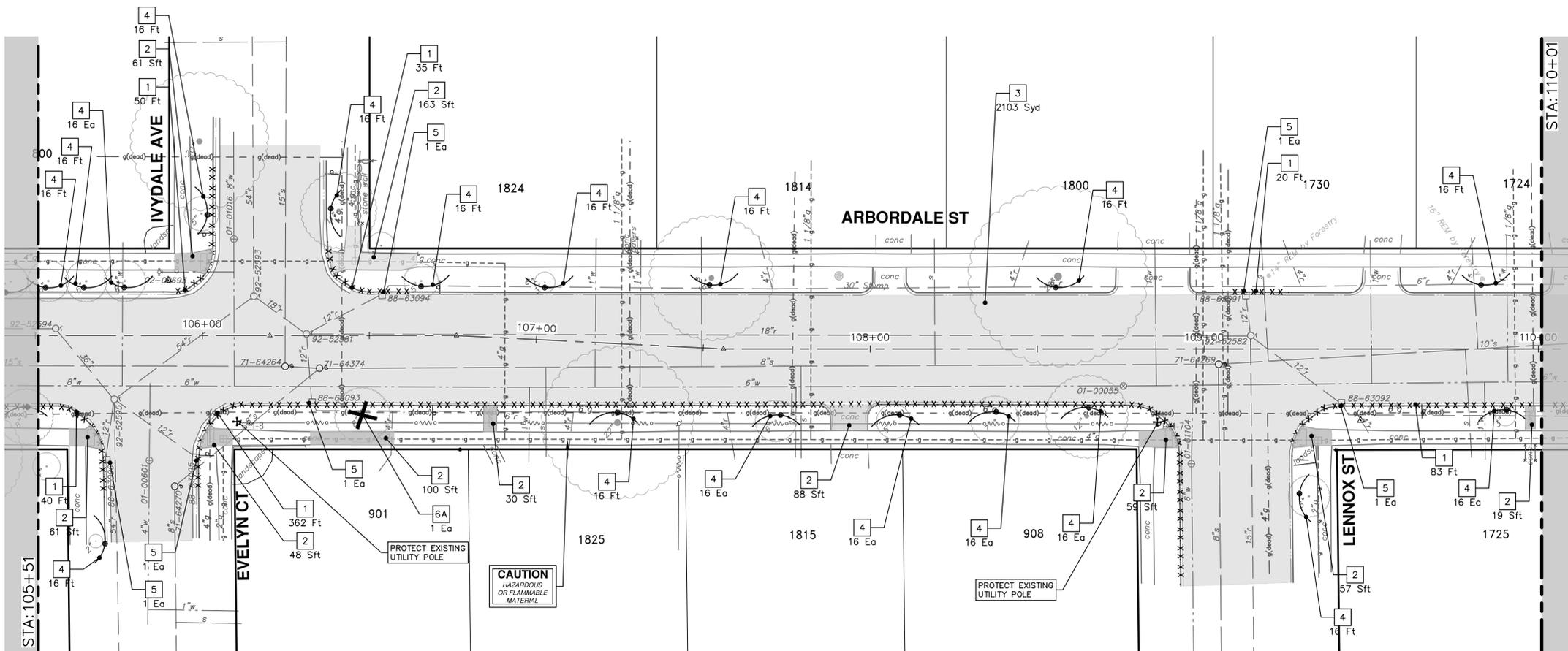
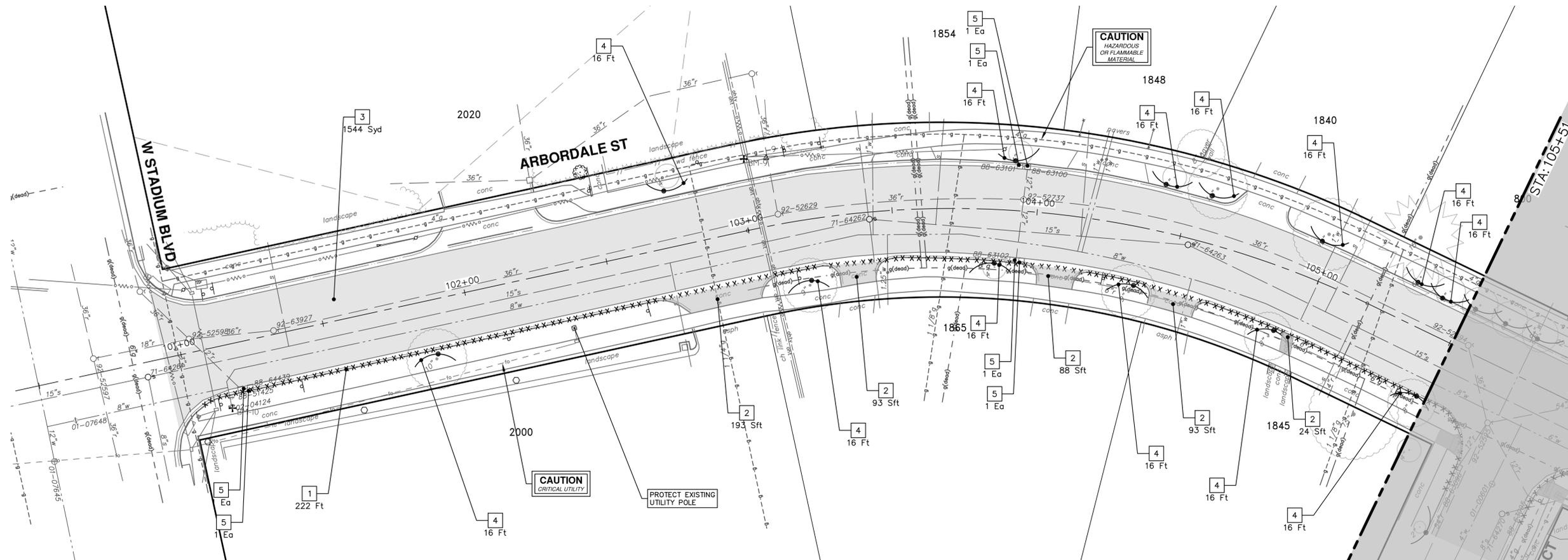
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ARBORDALE SHERWOOD WATER MAIN
TYPICAL SECTIONS
SHERWOOD ST. - PROPOSED SECTION

SCALE PLAN: 1" = 4'
PROFILE: 1" = 4'
DRAWING No. 2025011-8

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REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6A	Tree, Rem, 6 in. - 12 in.
6B	Tree, Rem, 13 in. - 19 in.
6C	Tree, Rem, 20 in. - 29 in.

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

TREE REMOVAL TABLE				
Street Address	Size	Species	Northing	Easting
901 EVELYN CT	8"	RED MAPLE	281468.7411	13284353.6086



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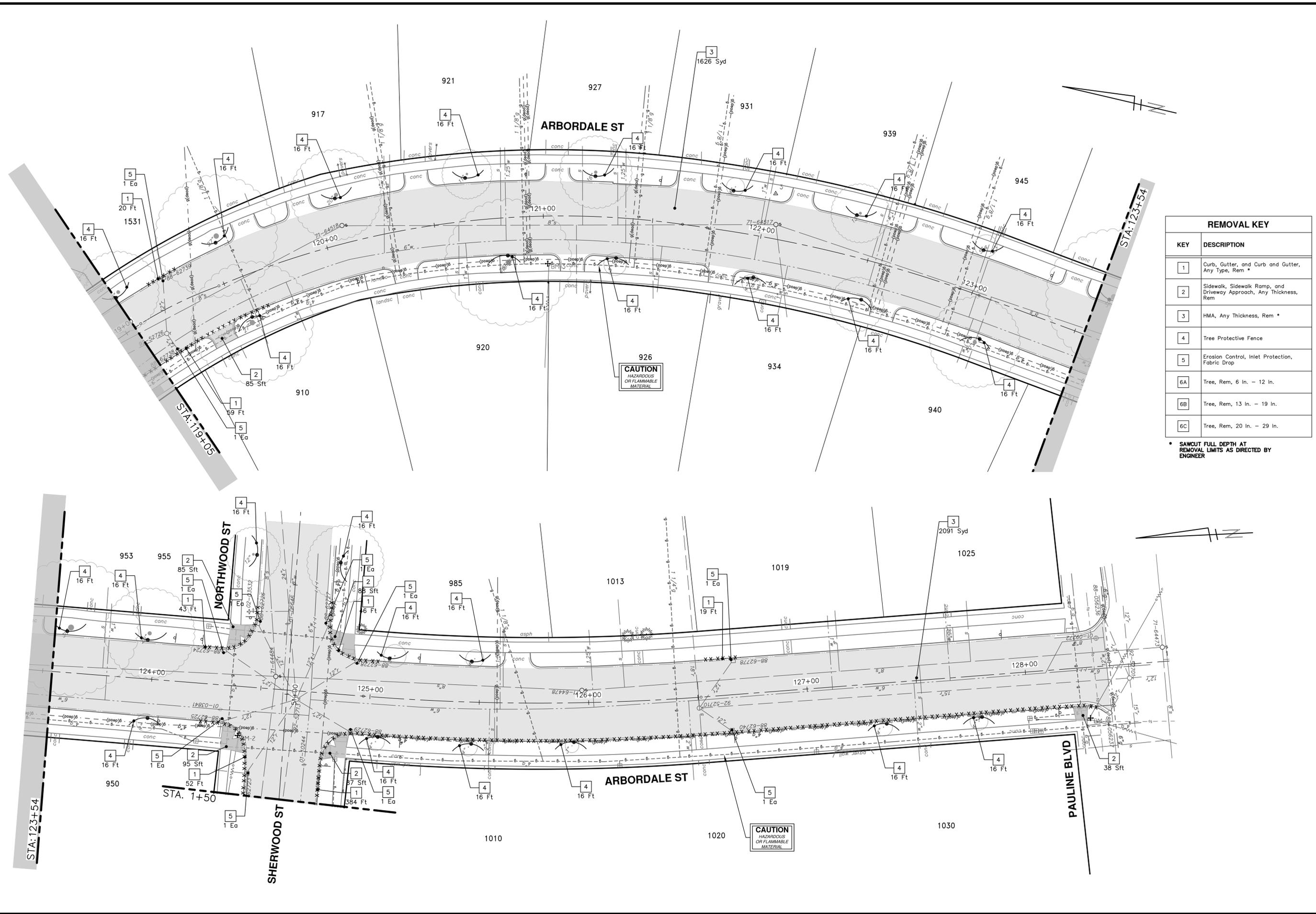


CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
REMOVALS - ARBORDALE ST
P.O.B. - STA. 110+00

DRAWING No. 2025011-9

SHEET No.

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REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6A	Tree, Rem, 6 in. - 12 in.
6B	Tree, Rem, 13 in. - 19 in.
6C	Tree, Rem, 20 in. - 29 in.

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

811
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ARBORDALE SHERWOOD WATER MAIN
REMOVALS - ARBORDALE ST
STA. 119+00 - P.O.E.

DRAWING No.
2025011-11

SHEET No.
11 OF 53

SCALE: 1" = 20'



REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6A	Tree, Rem, 6 In. - 12 In.
6B	Tree, Rem, 13 In. - 19 In.
6C	Tree, Rem, 20 In. - 29 In.

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

SCALE: 1" = 20'

DRAWING No. 2025011-12

SHEET No. 12 OF 53

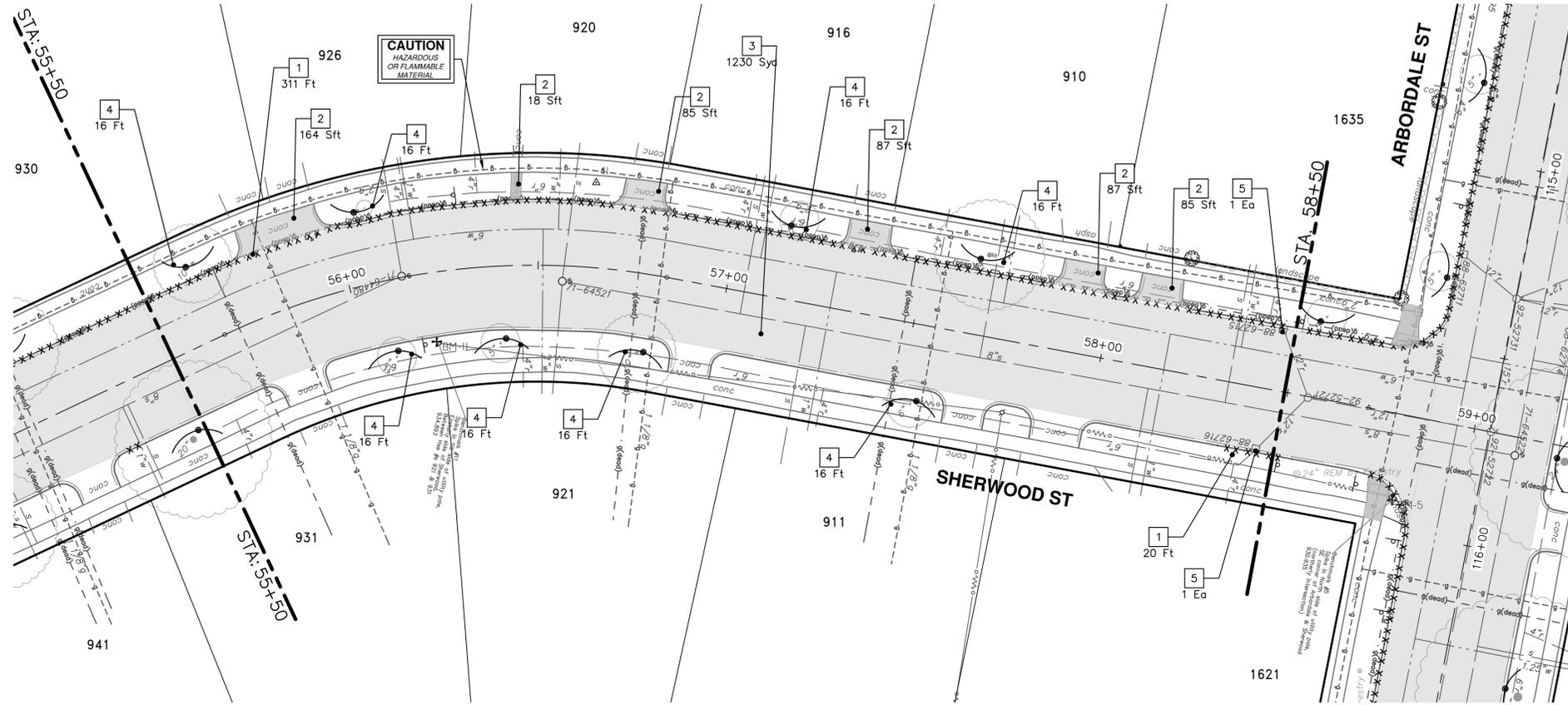
ARBODALE SHERWOOD WATER MAIN REMOVALS - SHERWOOD ST

STA. 51+50 - STA. 55+50

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00	OUT FOR BID	A2D	02-19-2026	NB/JD					
	REV.	DATE			DESCRIPTION	CHECKED	DRAWN		

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REMOVAL KEY	
KEY	DESCRIPTION
1	Curb, Gutter, and Curb and Gutter, Any Type, Rem *
2	Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem
3	HMA, Any Thickness, Rem *
4	Tree Protective Fence
5	Erosion Control, Inlet Protection, Fabric Drop
6A	Tree, Rem, 6 In. - 12 In.
6B	Tree, Rem, 13 In. - 19 In.
6C	Tree, Rem, 20 In. - 29 In.

* SAWCUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

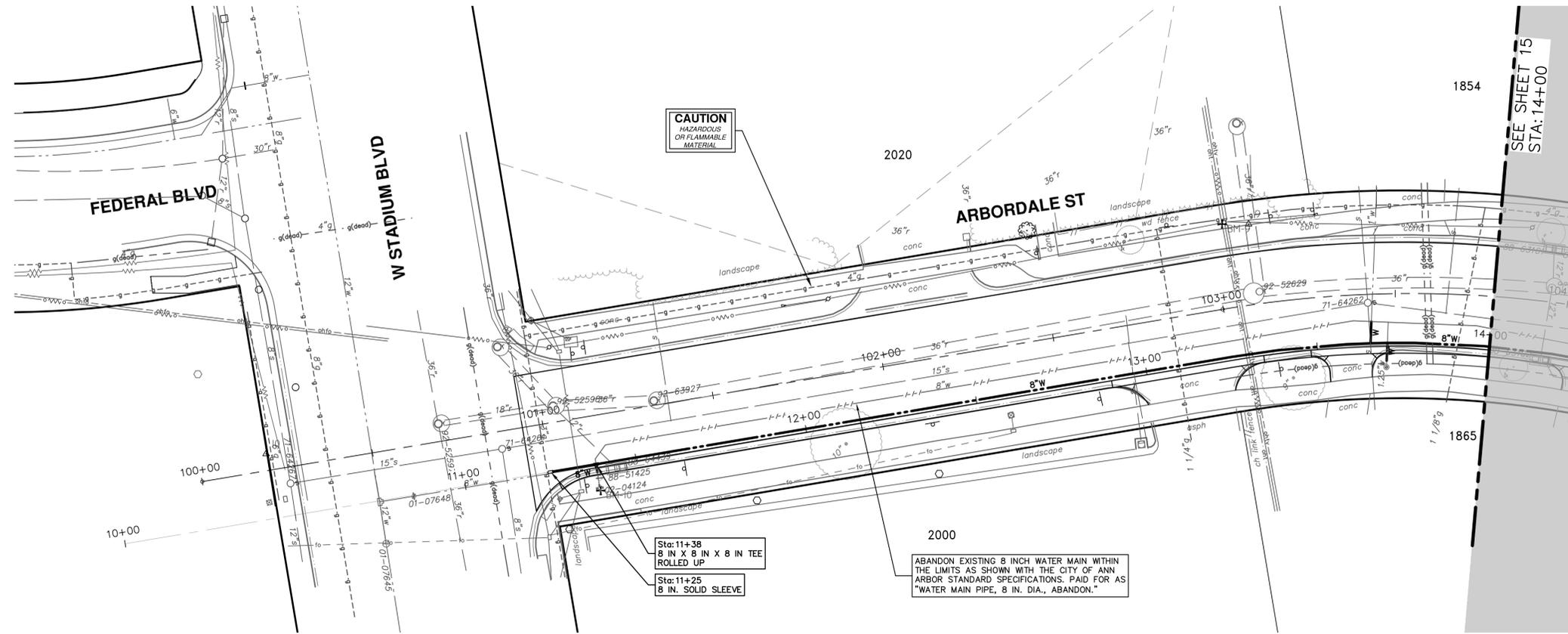


REV.	DESCRIPTION
01	ADDENDUM No. 1
00	OUT FOR BID

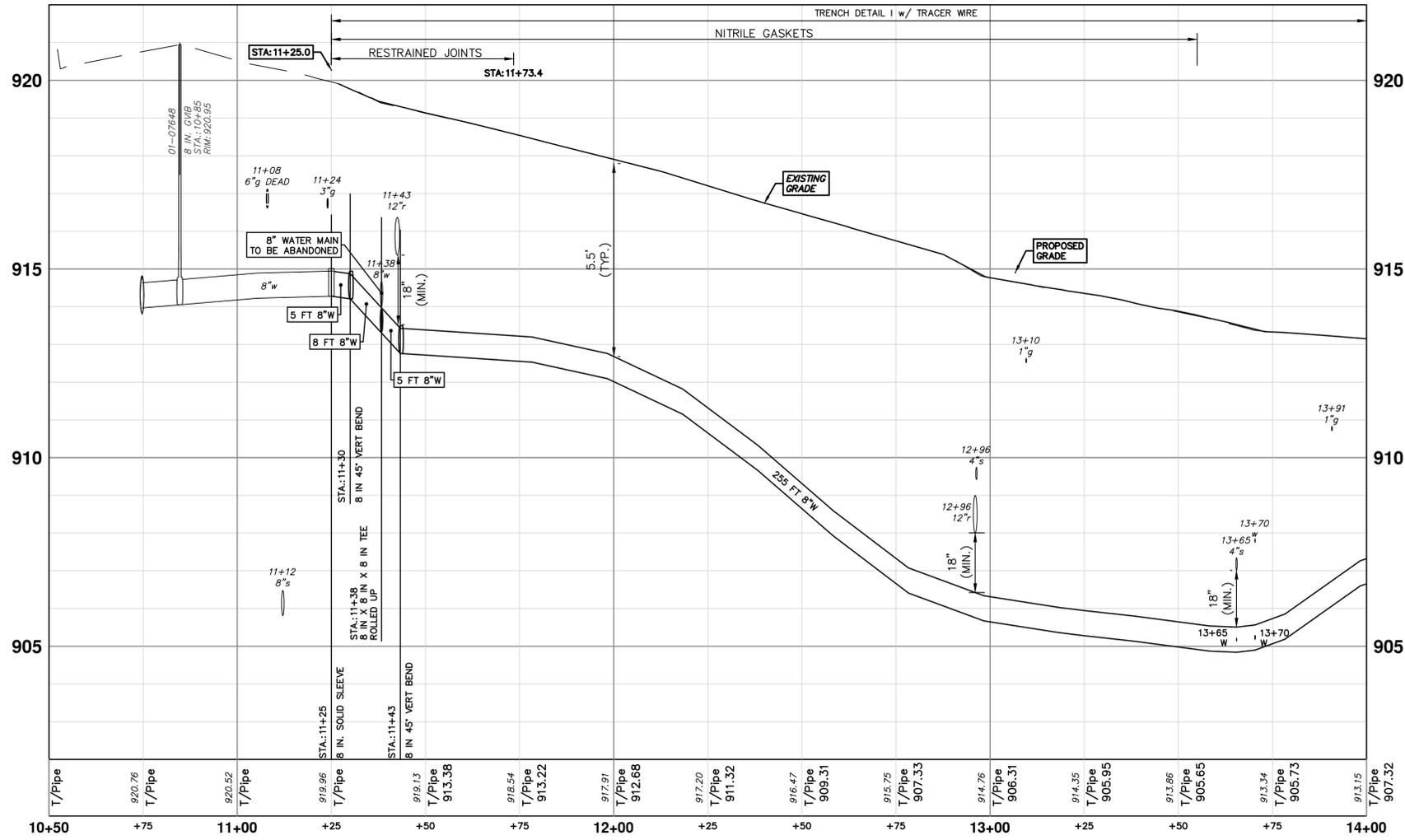
DATE	DRAWN	CHECKED
03-06-2026	A2D	NB/JD
02-19-2026	A2D	NB/JD



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WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS "SACRIFICIAL ANODE, XX LB"



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM No. 1	03-06-2026	A2D	
00	OUT FOR BID	02-19-2026	A2D	

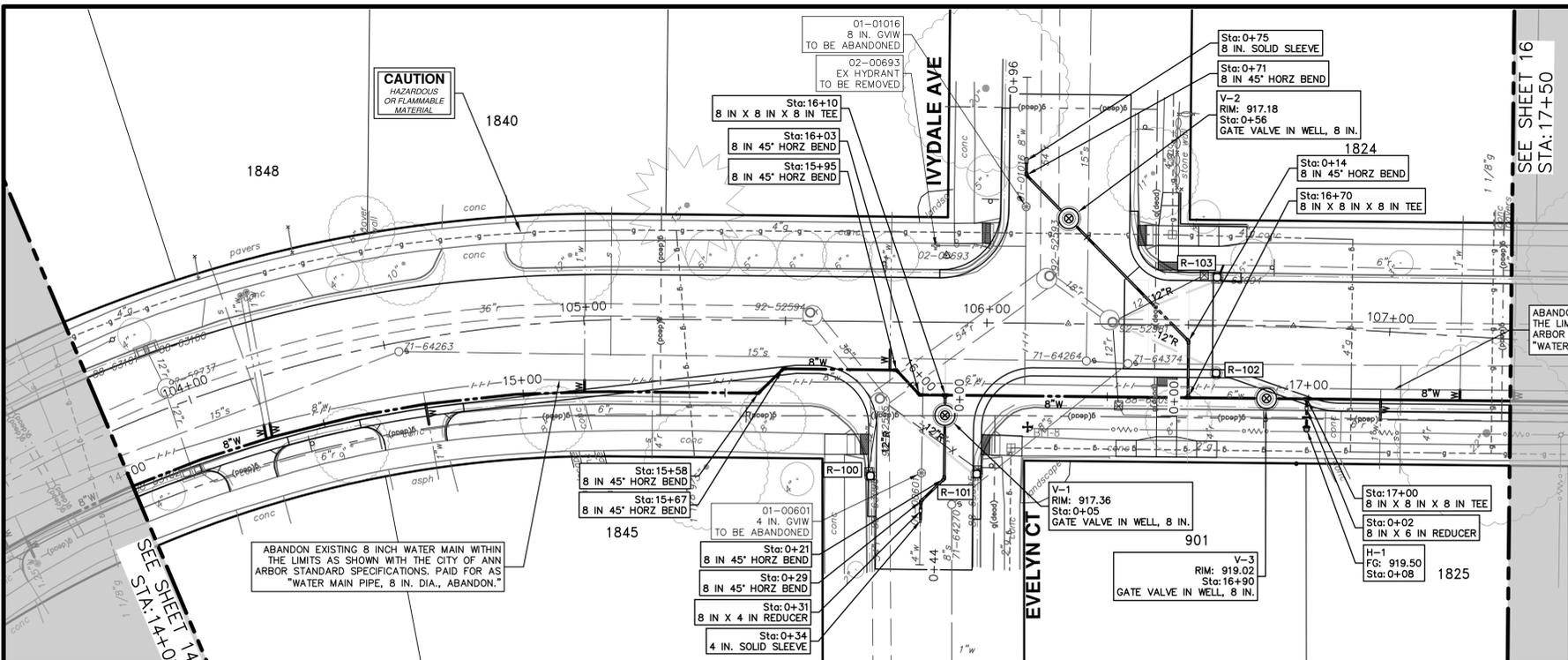
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ANN ARBOR MI 48107-8647
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - ARBORDALE ST
WATER 10+50 TO 14+00

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING No. 2025011-14

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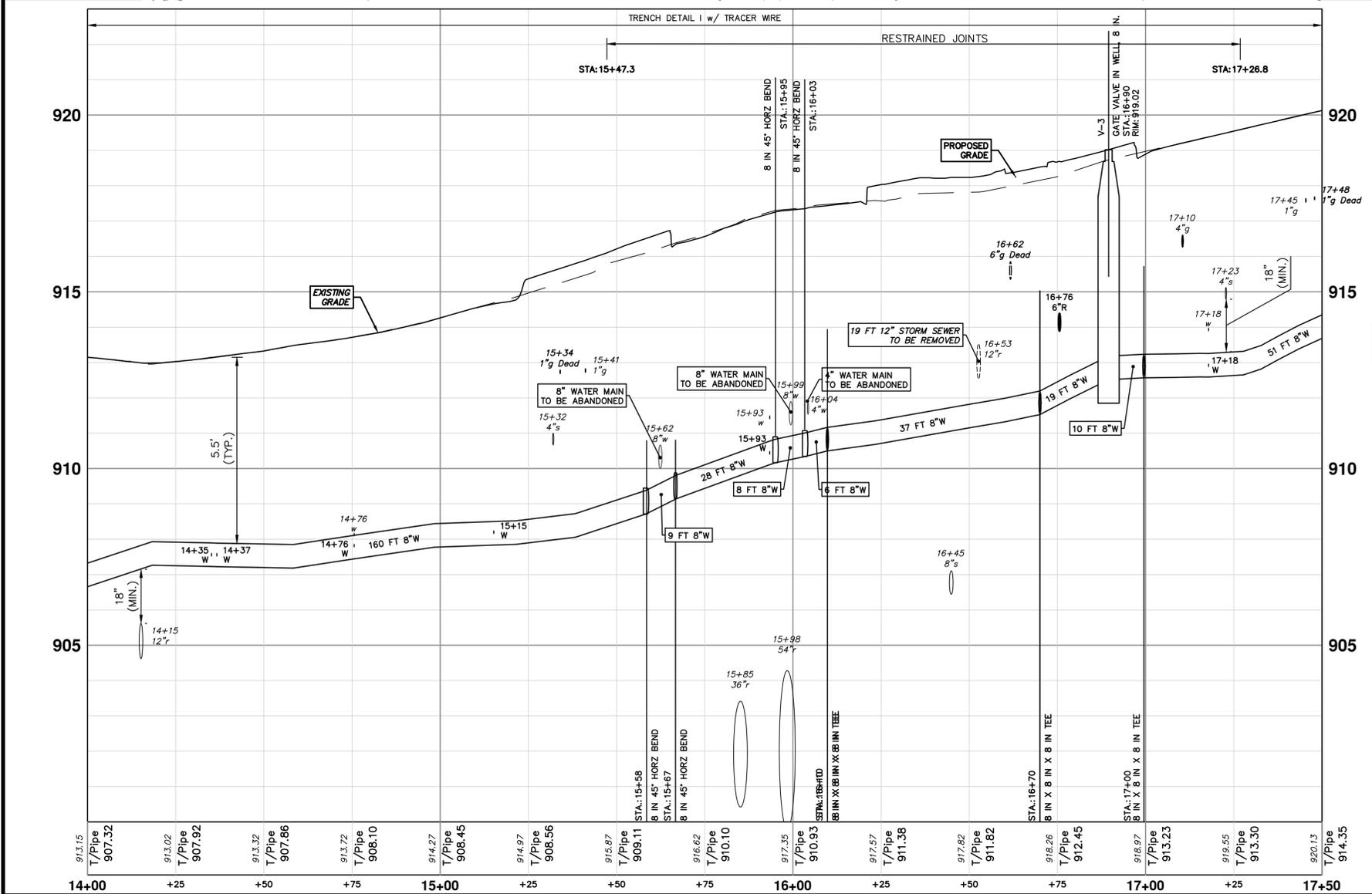
SEE SHEET 16
STA: 17+50

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

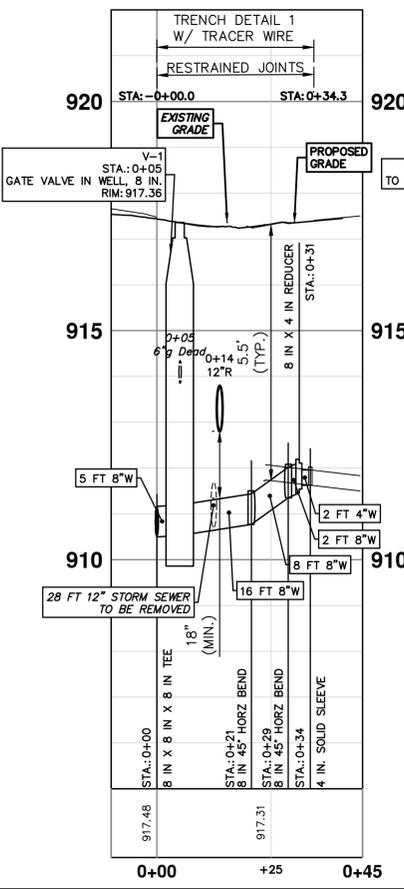
WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE EXISTING PIPE TO EACH SIDE OF THE NEW FITTING. EACH ANODE INSTALLED ON EXISTING WATER MAIN WILL BE PAID FOR AS "SACRIFICIAL ANODE, XX LB"

WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-1	Hydrant Assembly	0+08	919.50

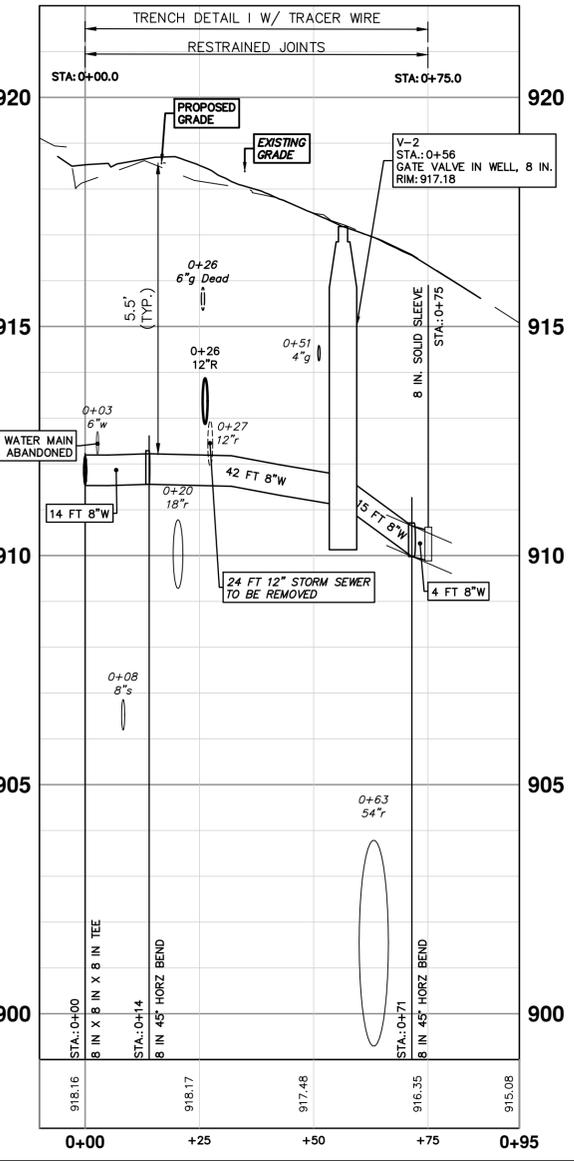
WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-1	Gate Valve in Well, 8 In.	0+05	917.36
V-2	Gate Valve in Well, 8 In.	0+56	917.18
V-3	Gate Valve in Well, 8 In.	16+90	919.02



EVELYN CT WATER



IVYDALE ST WATER



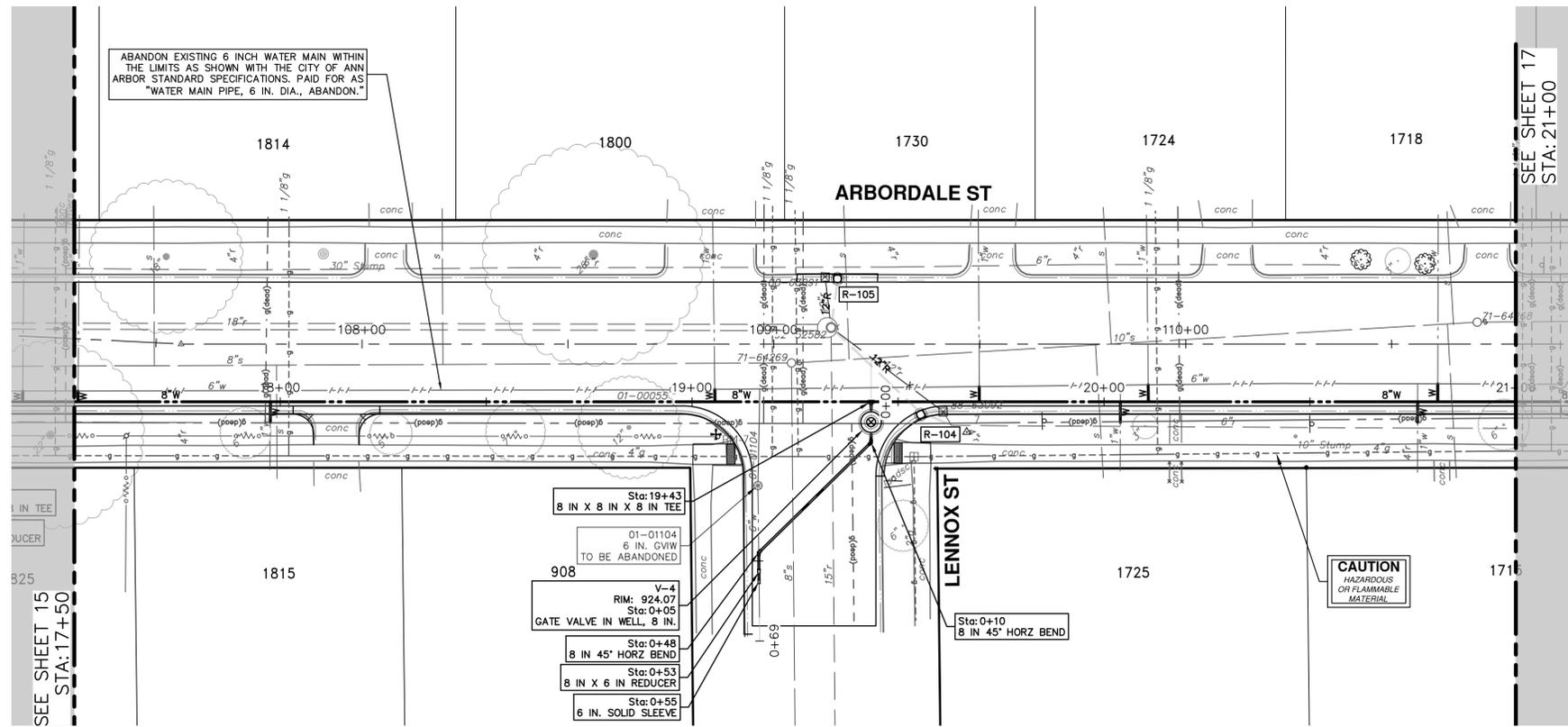
811
Know what's below. Call before you dig.

CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR MI 48106-6647
www.a3gov.org

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - ARBORDALE ST
WATER 14+00 TO 17+50

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING NO. 2025011-15
SHEET NO. 15 OF 53

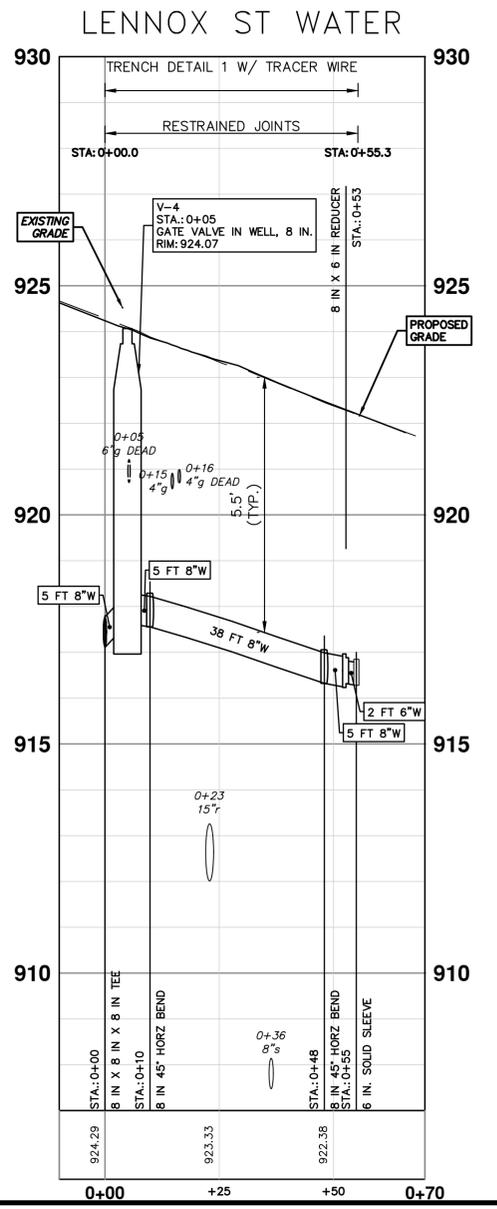
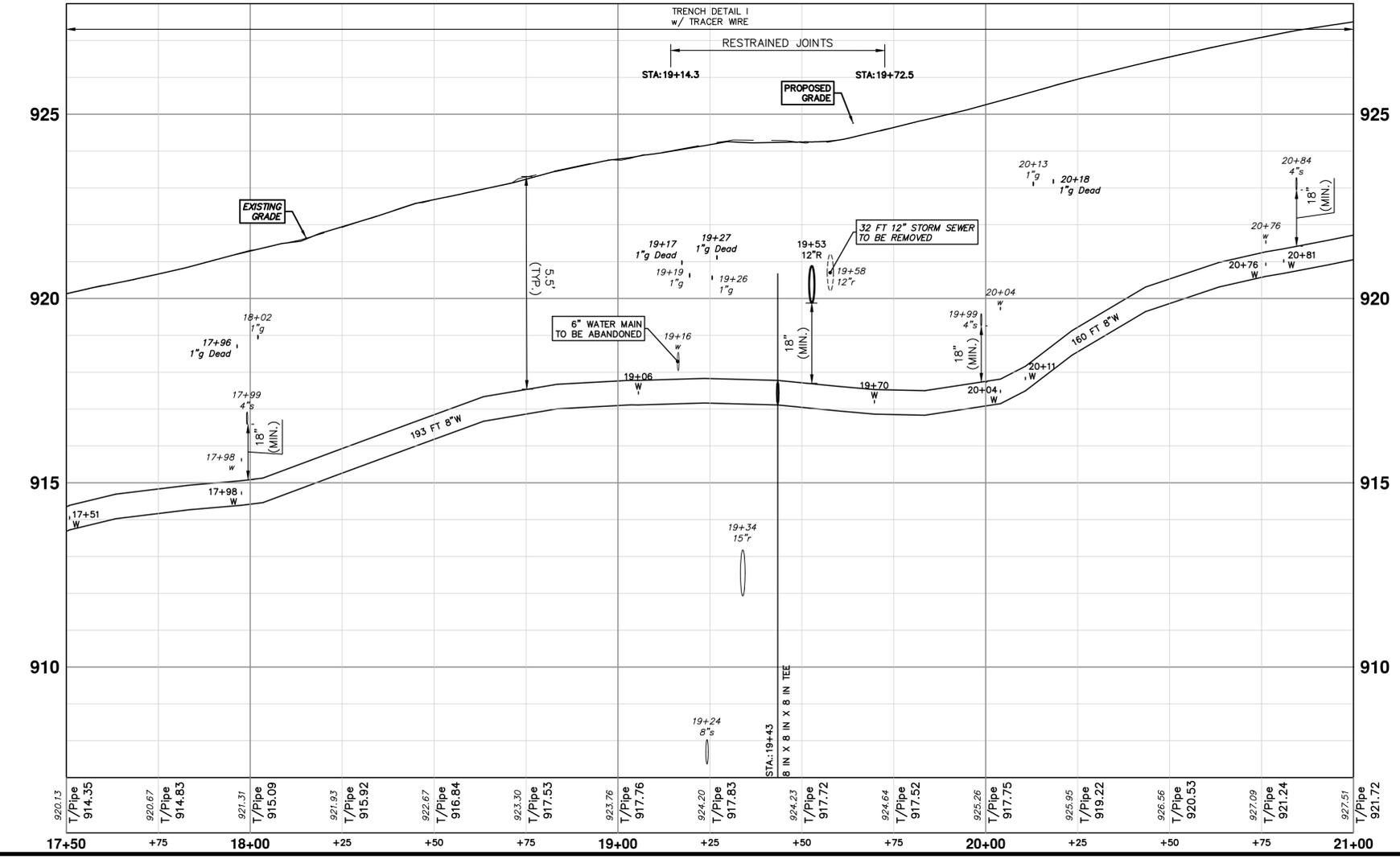
NO.	DATE	DESCRIPTION	REV.
01	03-06-2026	ADDENDUM No. 1	A2D
00	02-19-2026	OUT FOR BID	A2D
			CHECKED
			DRAWN



THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

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WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-4	Gate Valve in Well, 8 In.	0+05	924.07

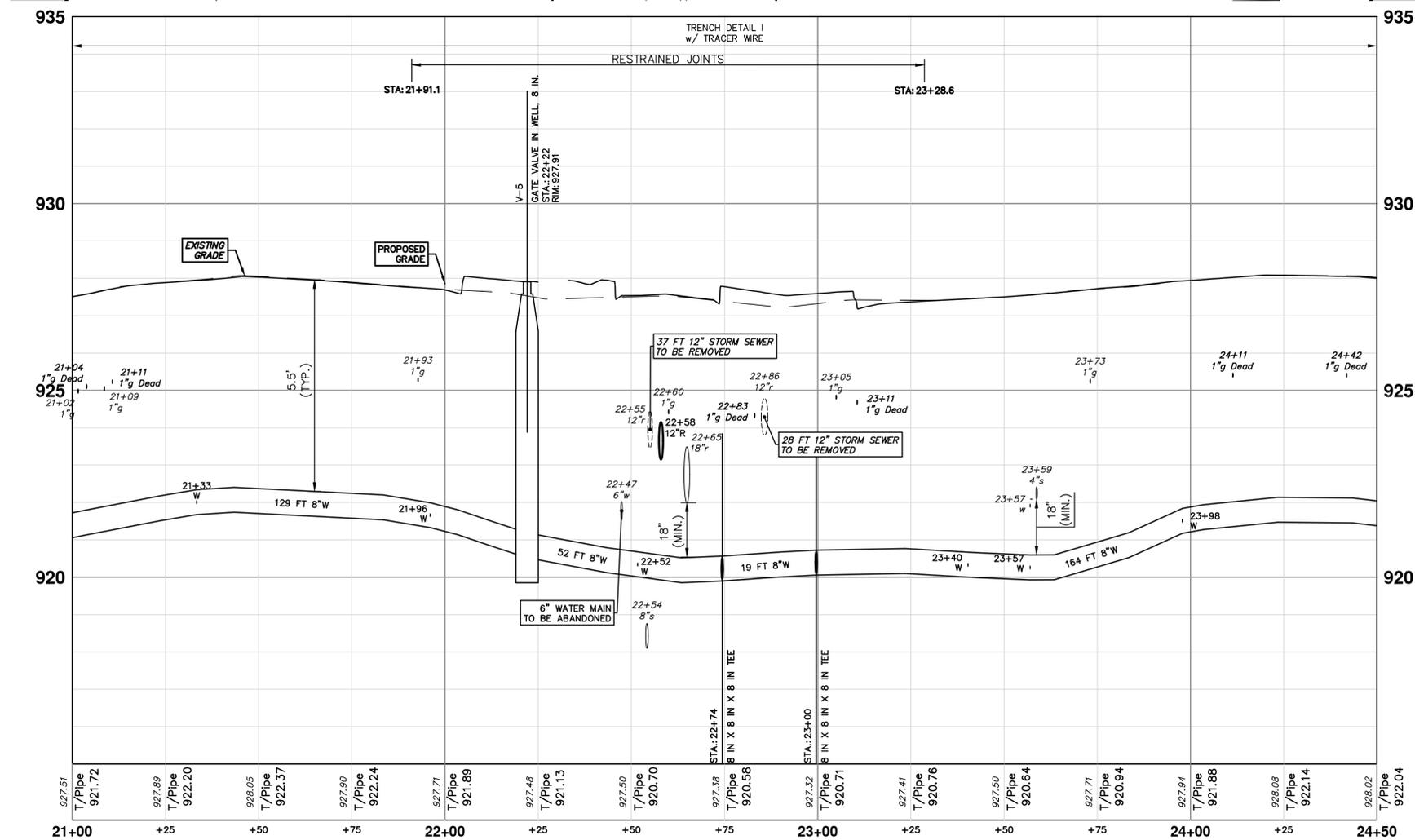
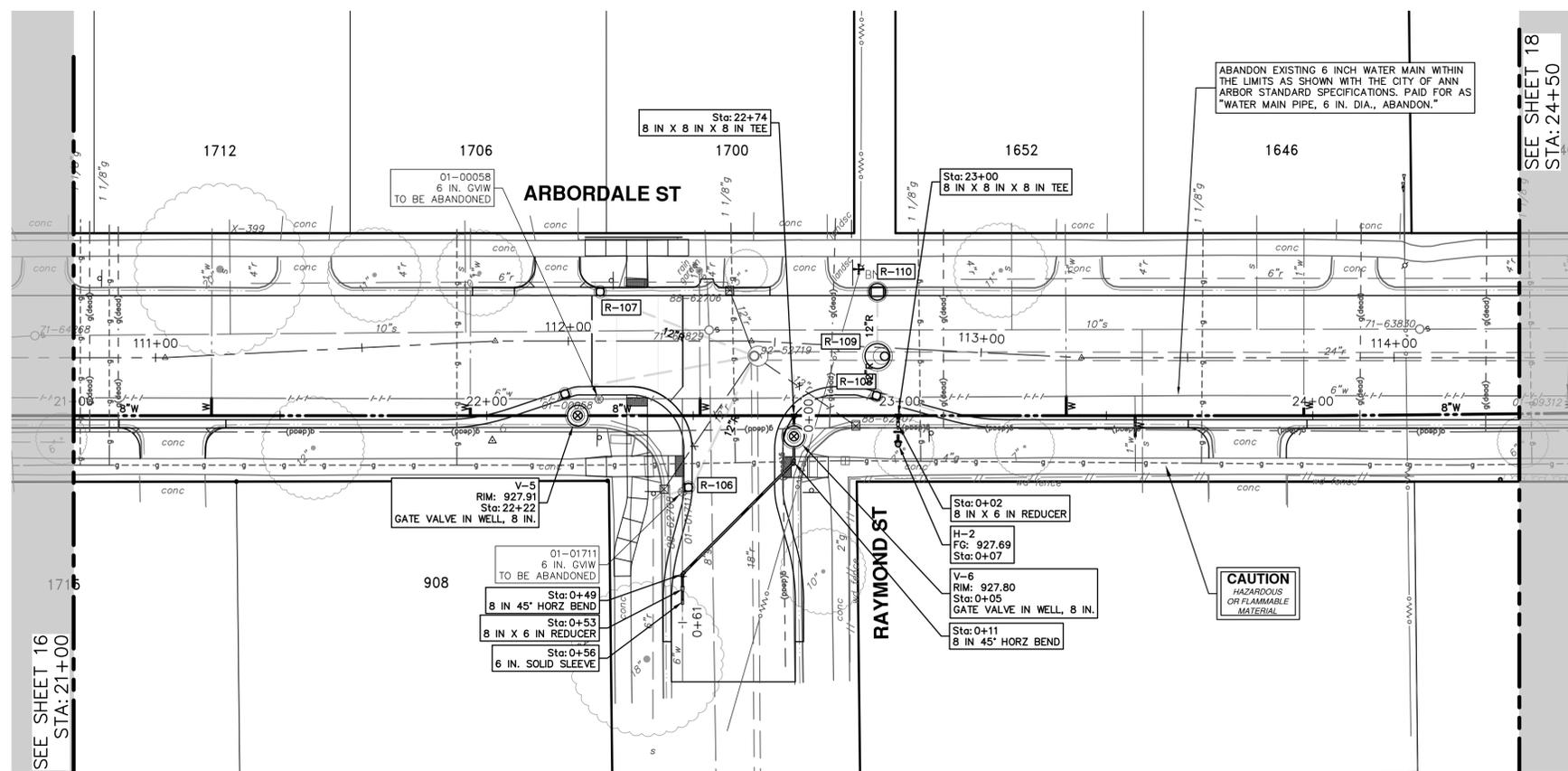


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00	02-19-2026	OUT FOR BID

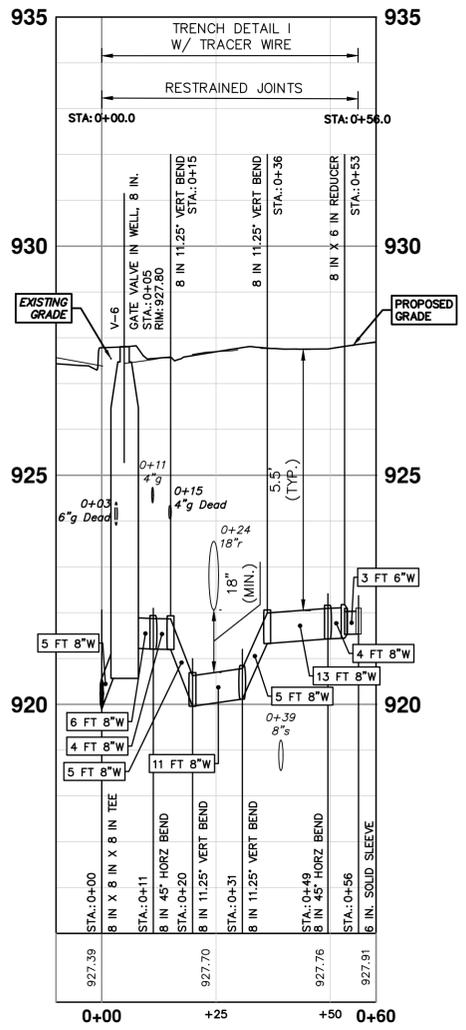
CITY OF ANN ARBOR
PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR MI 48106-8647
www.a2gov.org

CITY OF ANN ARBOR
ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - ARBORDALE ST
WATER 17+50 TO 21+00

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING NO. 2025011-16
SHEET No. 16 OF 53



RAYMOND ST WATER



THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

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WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-2	Hydrant Assembly	0+07	927.69

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-6	Gate Valve in Well, 8 In.	0+05	927.80
V-5	Gate Valve in Well, 8 In.	22+22	927.91



Know what's below.
Call Before you dig.

REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D
		DRAWN
		CHECKED

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

ARBORDALE SHERWOOD WATER MAIN

WATER MAIN PLAN & PROFILE - ARBORDALE ST

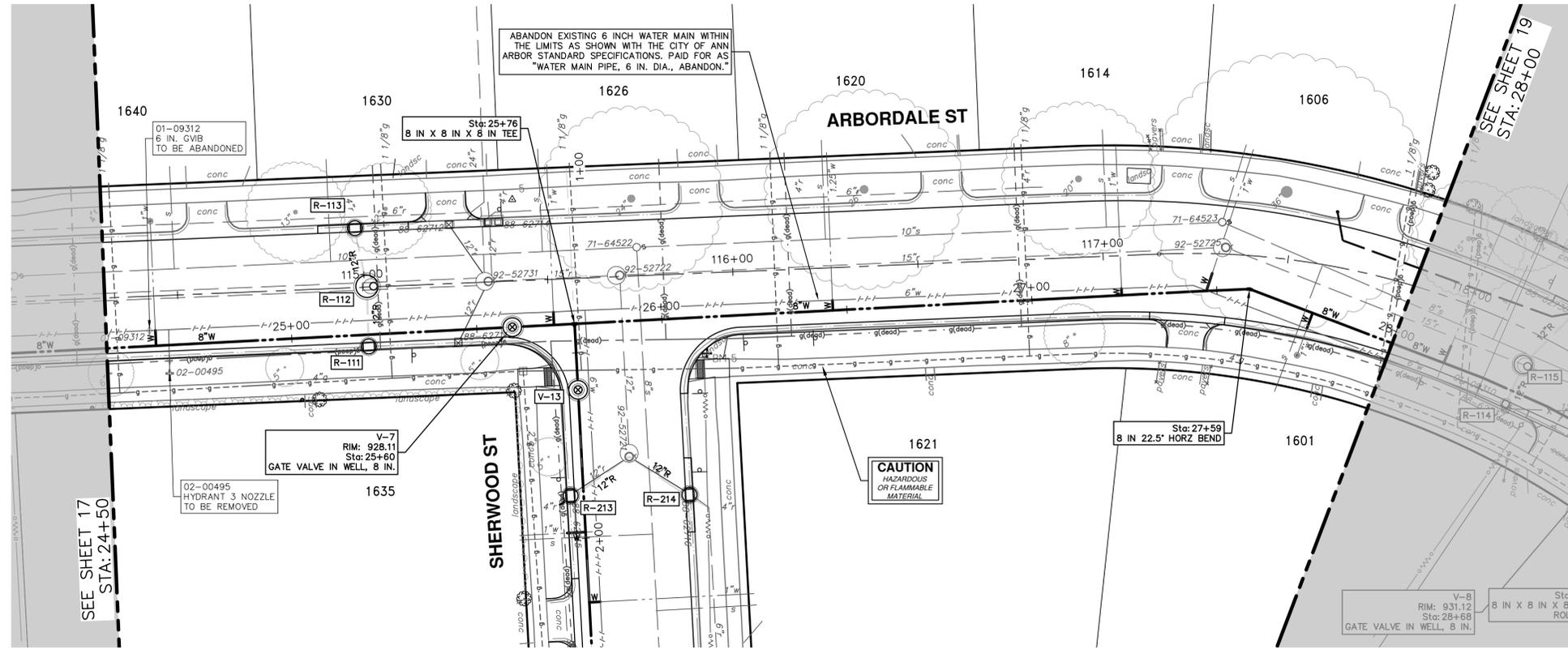
WATER 21+00 TO 24+50

SCALE PLAN: 1" = 20'

PROFILE: 1" = 2'

DRAWING NO. 2025011-17

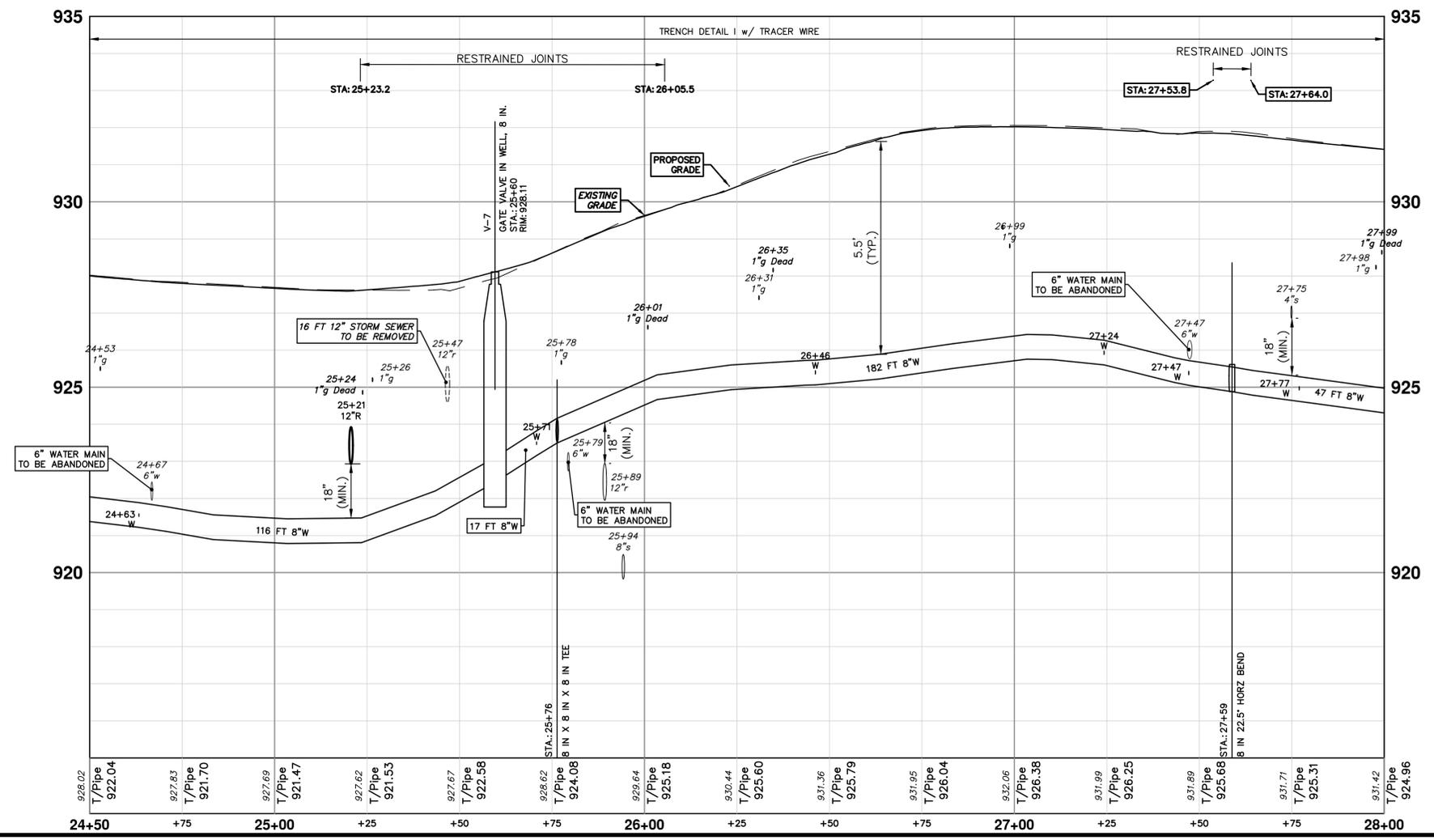
SHEET NO. 17 OF 53



WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-7	Gate Valve in Well, 8 In.	25+60	928.11

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

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Know what's below.
Call Before you dig.

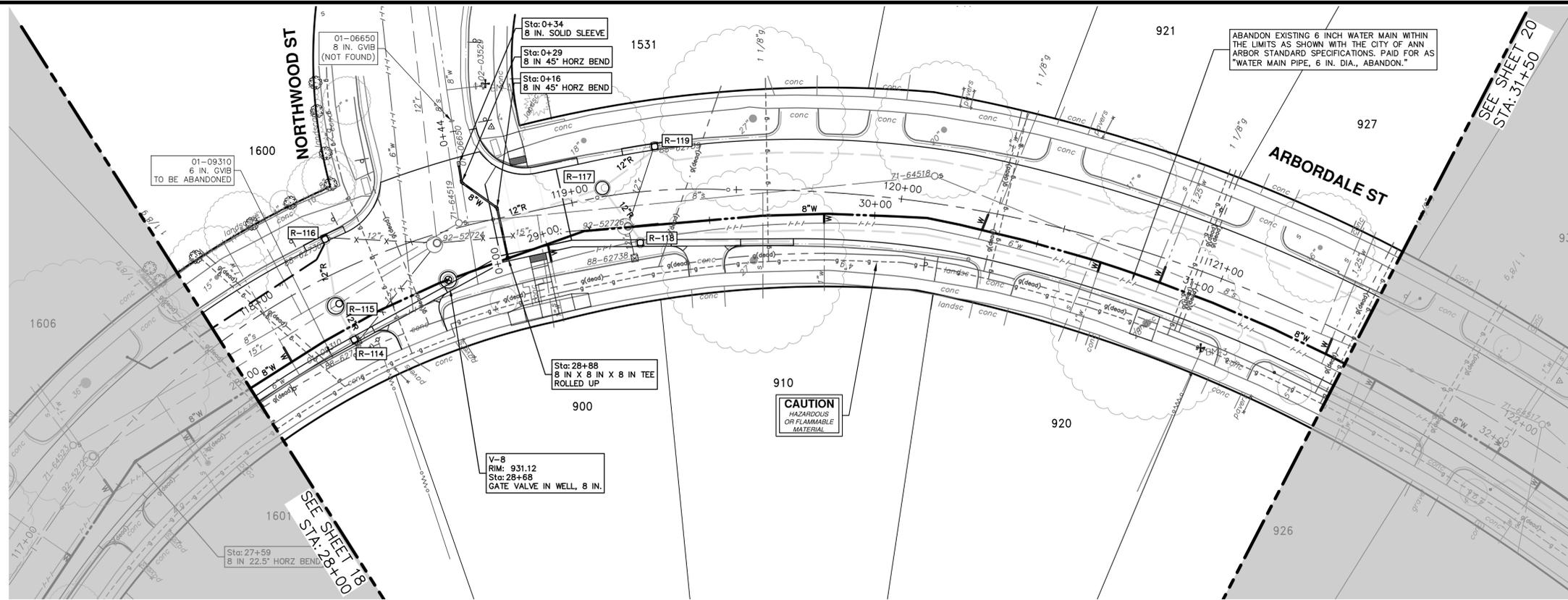
NO.	DATE	DESCRIPTION	CHECKED
01	03-06-2026	ADDENDUM No. 1	
00	02-19-2026	OUT FOR BID	

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
 WATER MAIN PLAN & PROFILE - ARBORDALE ST
 WATER 24+50 TO 28+00

SHEET No. **18 OF 53**

SCALE PLAN: 1" = 20'
 PROFILE: 1" = 2'
 DRAWING No. **2025011-18**

R:\2025011\Arbordale Sherwood WM Resurf\Plan Production\2025011Watr.dwg Dwg Created: 4-Mar-26 --_a2_standard bw.stb -- Plot Date: 6-Mar-26

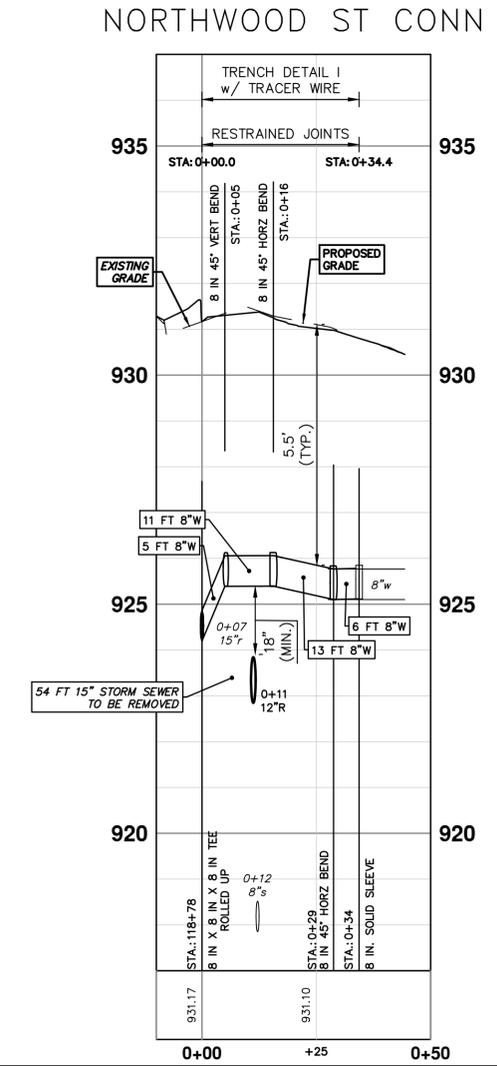
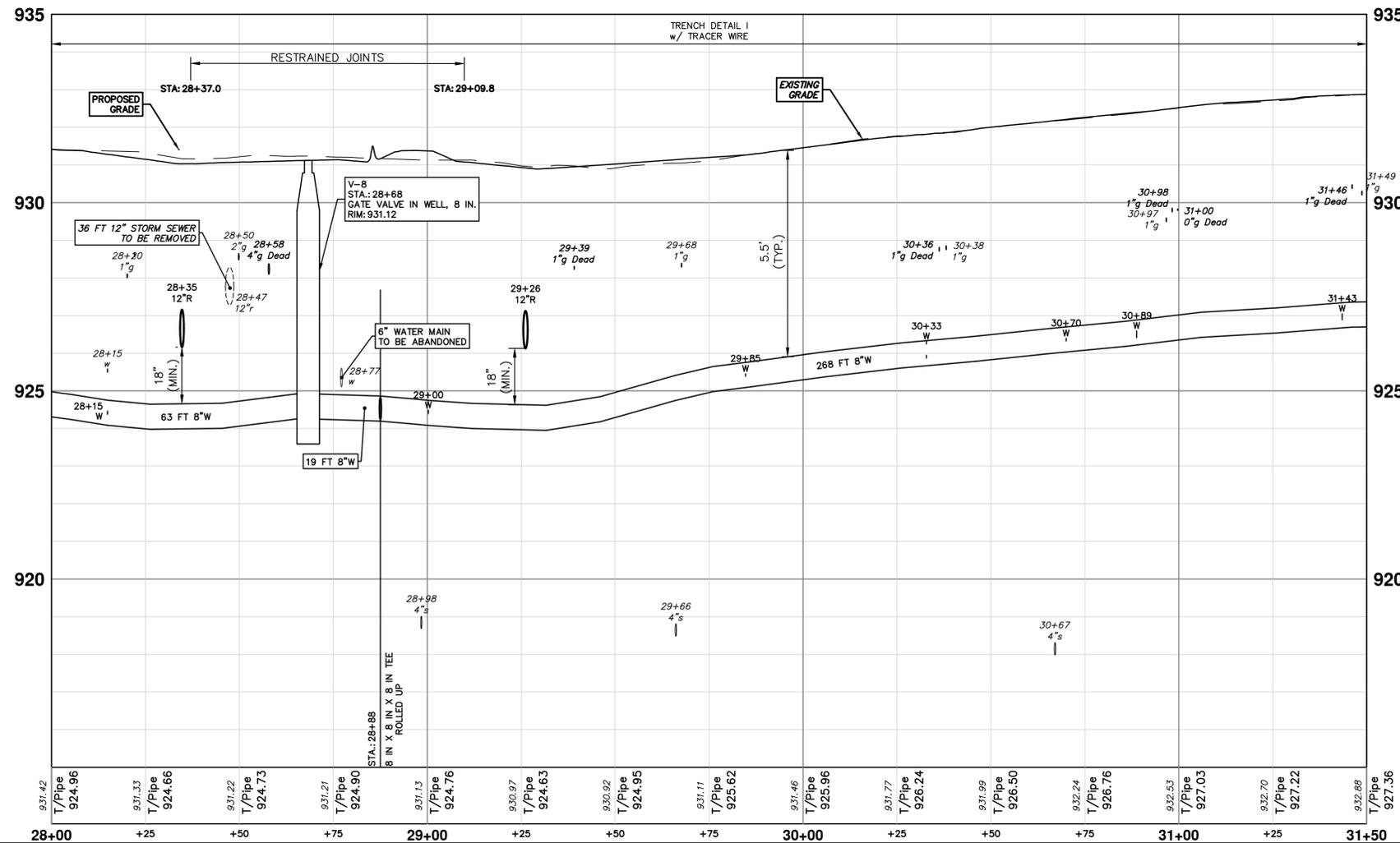


WATER MAIN STRUCTURES

STRUCTURE	TYPE	STATION	RIM
V-8	Gate Valve in Well, 8 In.	28+68	931.12

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

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01	03-06-2026	ADDENDUM No. 1
00	02-19-2026	OUT FOR BID

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

ARBORDALE SHERWOOD WATER MAIN

WATER MAIN PLAN & PROFILE - ARBORDALE ST

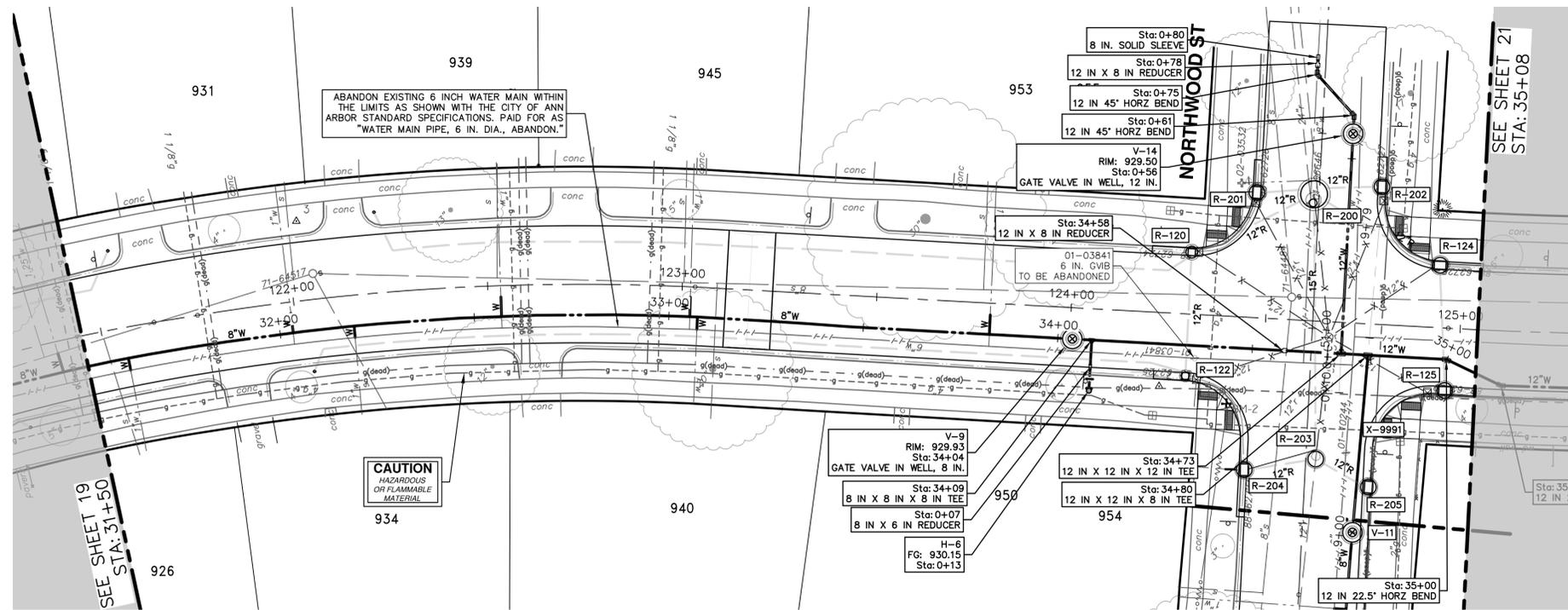
WATER 28+00 TO 31+50

SCALE PLAN: 1" = 20'

PROFILE: 1" = 2'

DRAWING No. 2025011-19

SHEET No. 19 OF 53

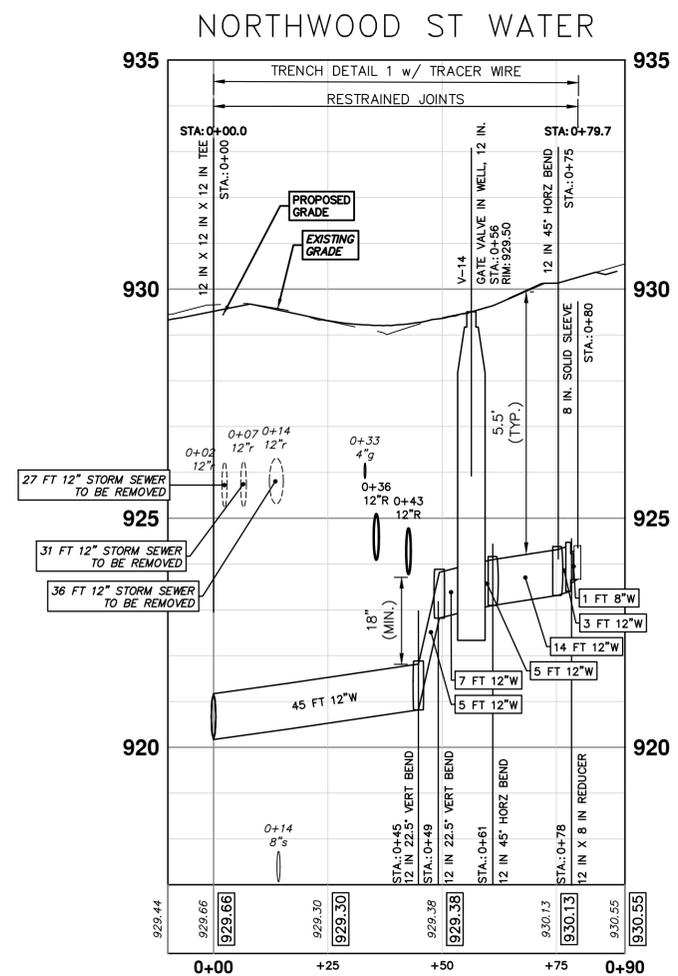
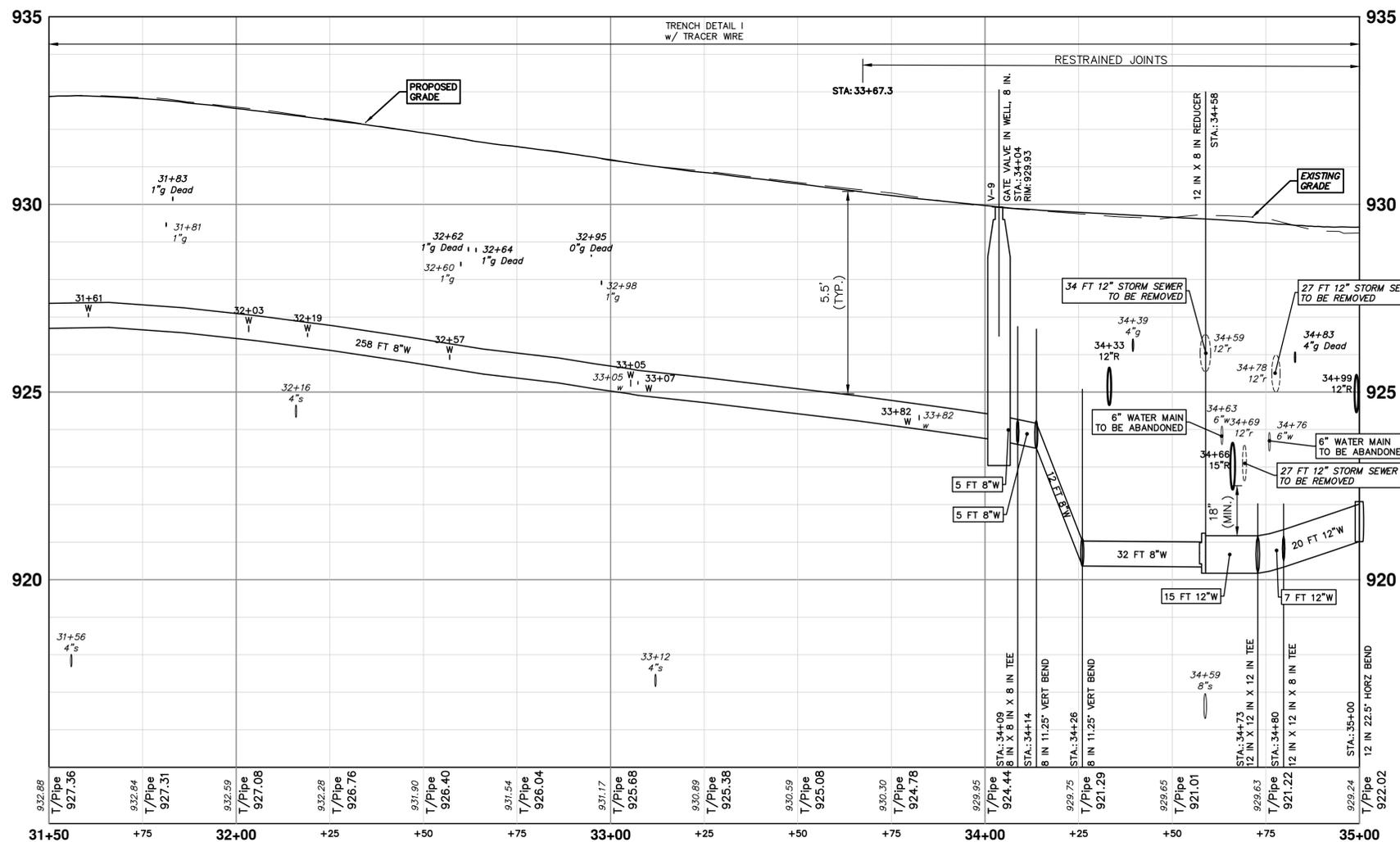


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WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-14	Gate Valve in Well, 12 In.	0+56	929.50
V-9	Gate Valve in Well, 8 In.	34+04	929.93

WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-6	Hydrant Assembly	0+13	930.15





Know what's below.
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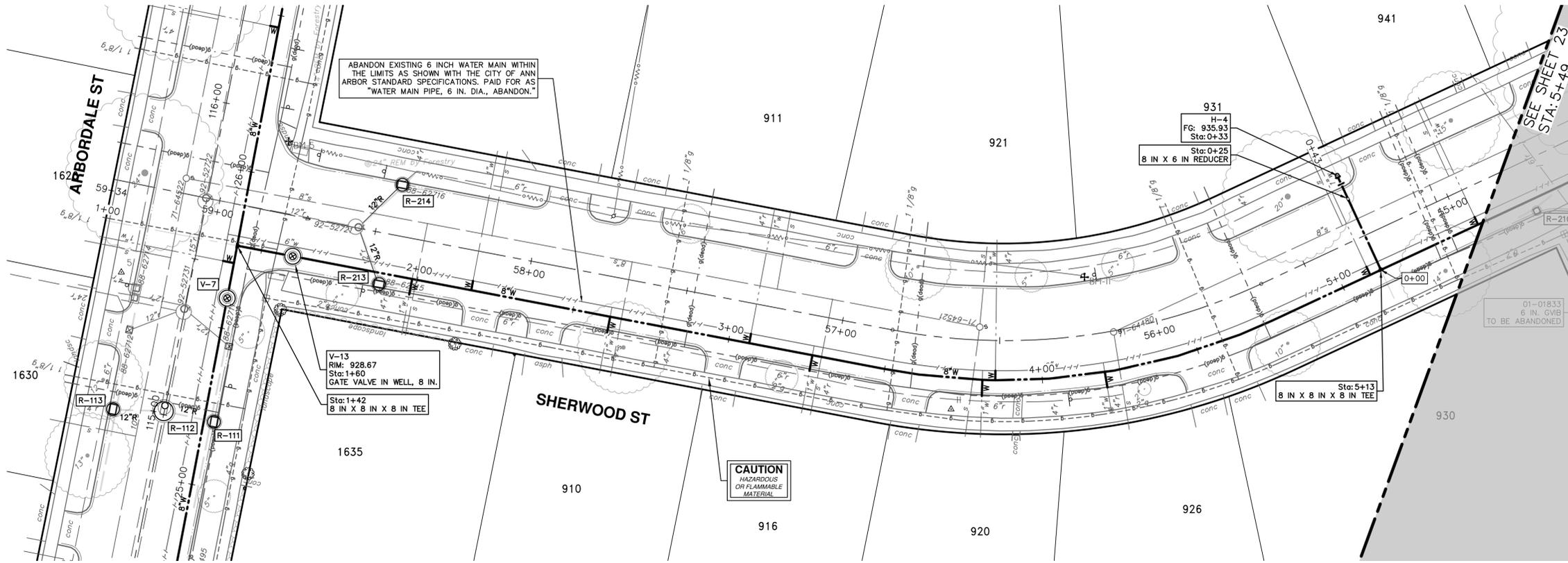
NO.	DATE	DESCRIPTION	BY	CHECKED
01	03-06-2026	ADDENDUM No. 1	AZD	AZD
00	02-19-2026	OUT FOR BID	AZD	AZD



CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - ARBORDALE ST
WATER 31+50 TO 35+00

SCALE PLAN: 1" = 20' PROFILE: 1" = 2'
DRAWING NO. 2025011-20
SHEET NO. 20 OF 53

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WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-4	Hydrant Assembly	0+33	935.93

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-13	Gate Valve in Well, 8 In.	1+60	928.67

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CAUTION
HAZARDOUS
OR FLAMMABLE
MATERIAL

01-01833
6 IN. GVB
TO BE ABANDONED

Sta: 5+13
8 IN X 8 IN X 8 IN TEE

931
H-4
FG: 935.93
Sta: 0+33
8 IN X 6 IN REDUCER

ABANDON EXISTING 6 INCH WATER MAIN WITHIN THE LIMITS AS SHOWN WITH THE CITY OF ANN ARBOR STANDARD SPECIFICATIONS. PAID FOR AS "WATER MAIN PIPE, 6 IN. DIA., ABANDON."

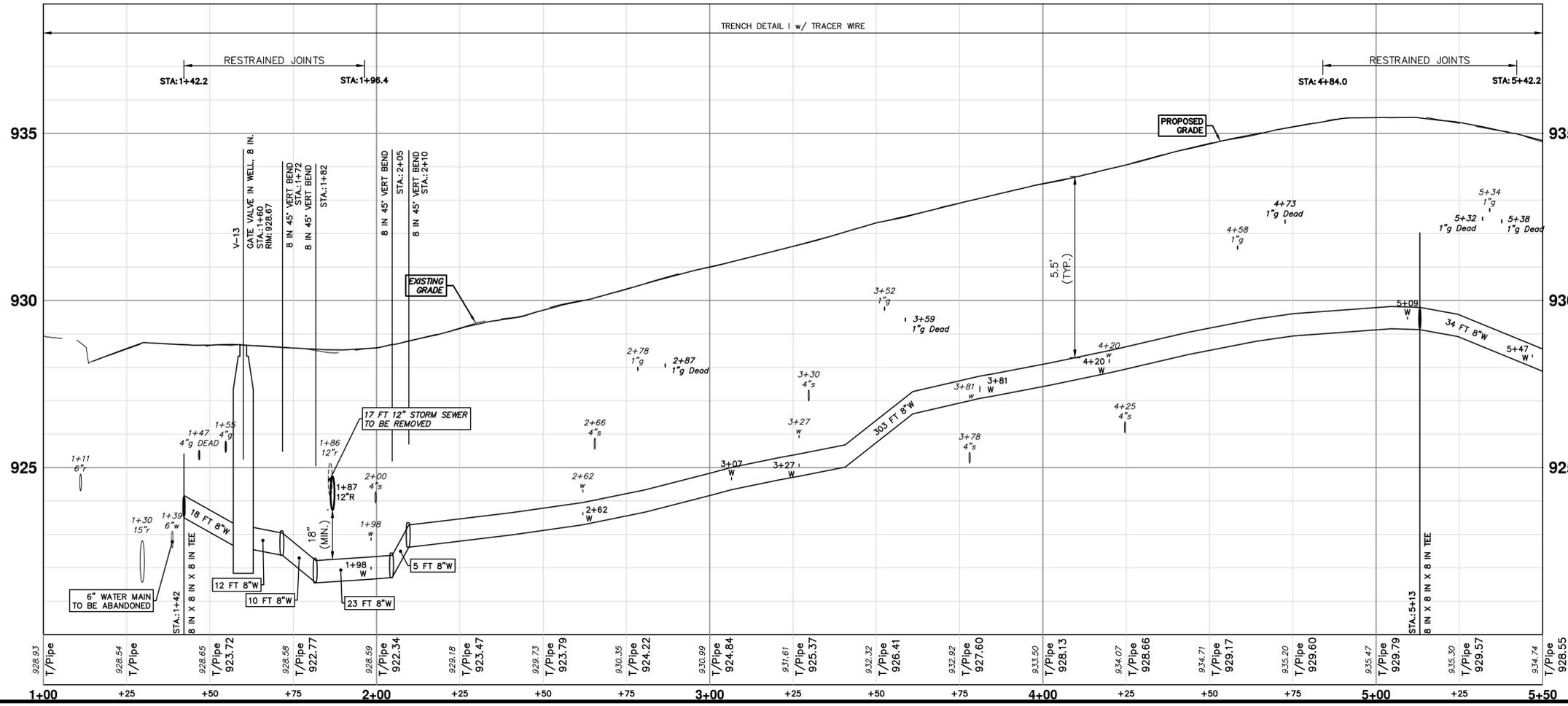
V-13
RIM: 928.67
Sta: 1+60
GATE VALVE IN WELL, 8 IN.

Sta: 1+42
8 IN X 8 IN X 8 IN TEE

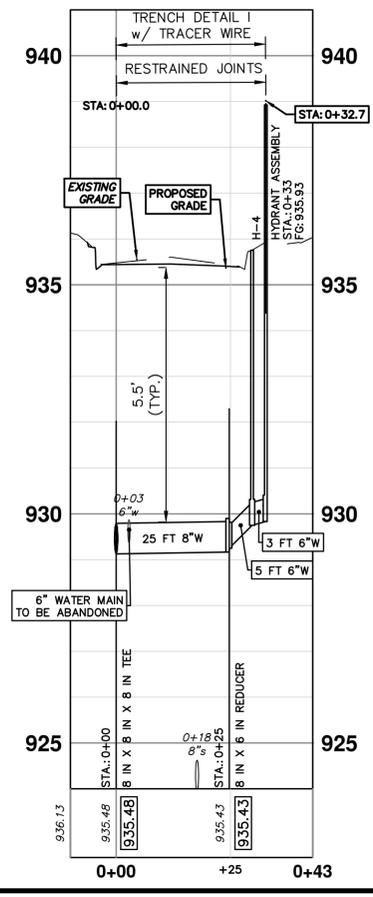
162
ARBORDALE ST

SHERWOOD ST

SEE SHEET 23
STA: 0+49



H-4 SHERWOOD



811
Know what's below.
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NO.	DATE	DESCRIPTION	REV.
01	03-06-2026	ADDENDUM No. 1	
00	02-19-2026	OUT FOR BID	

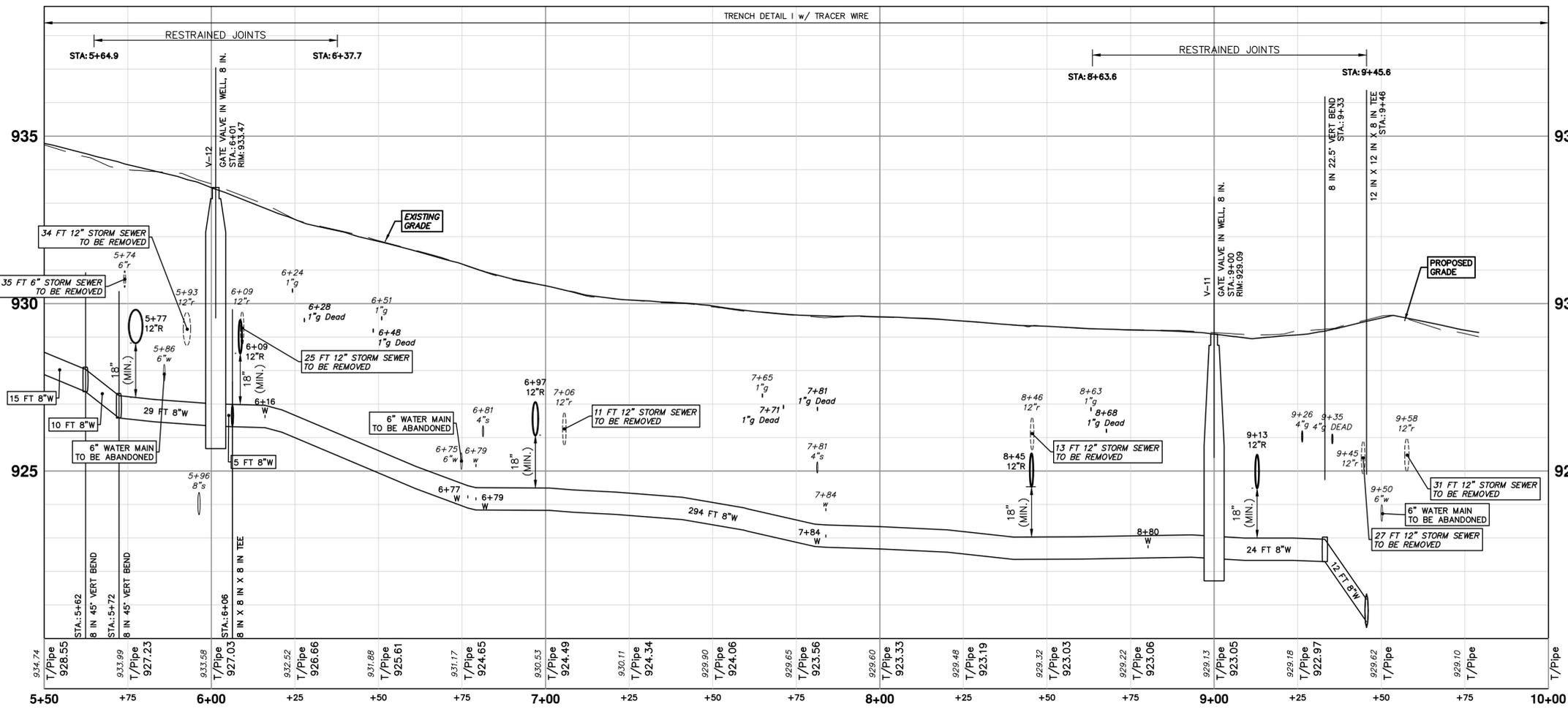
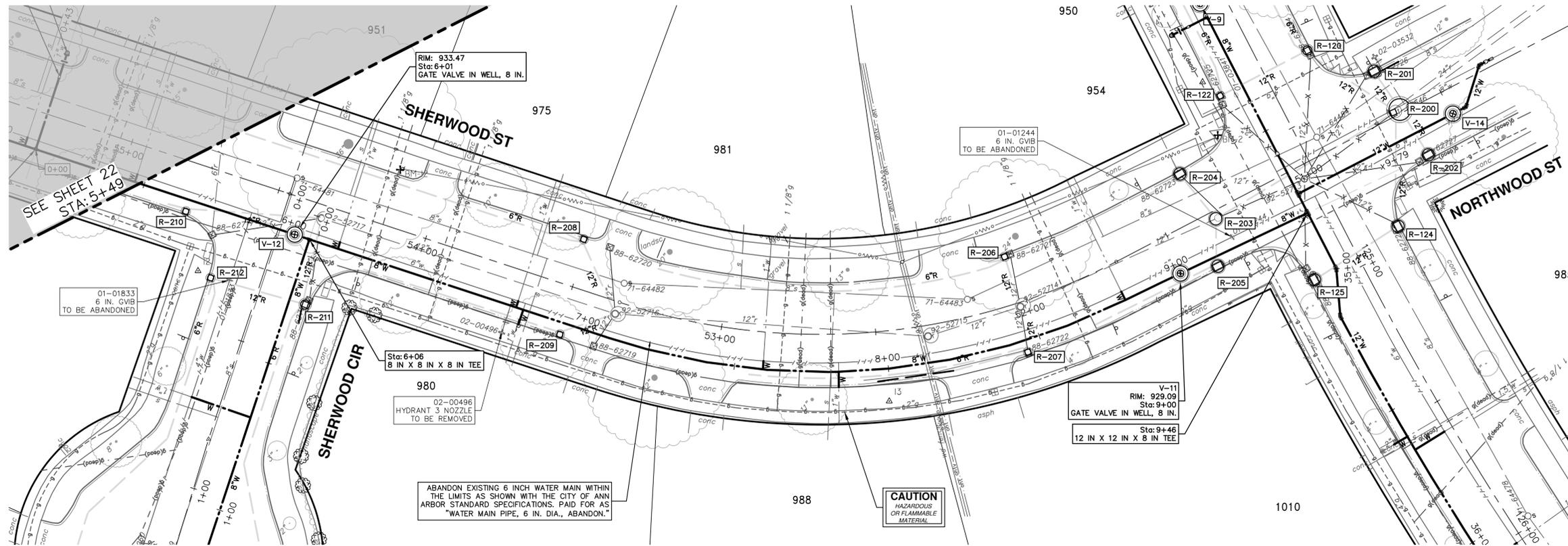
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - SHERWOOD ST
WATER 1+00 TO 5+50

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING NO: 2025011-22

SHEET NO. 22 OF 53

R:\2025011\Arbordale Sherwood WM Resurf\Plan Production\2025011Watr1.dwg Dwg. Created: 4-Mar-26 - _a2_standard.bw.stb - Plot Date: 6-Mar-26



WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-12	Gate Valve in Well, 8 in.	6+01	933.47
V-11	Gate Valve in Well, 8 in.	9+00	929.09

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Know what's below. Call before you dig.

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PUBLIC SERVICES
301 EAST HURON STREET
ANN ARBOR MI 48107-8647
www.a3gov.org

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

ARBORDALE SHERWOOD WATER MAIN

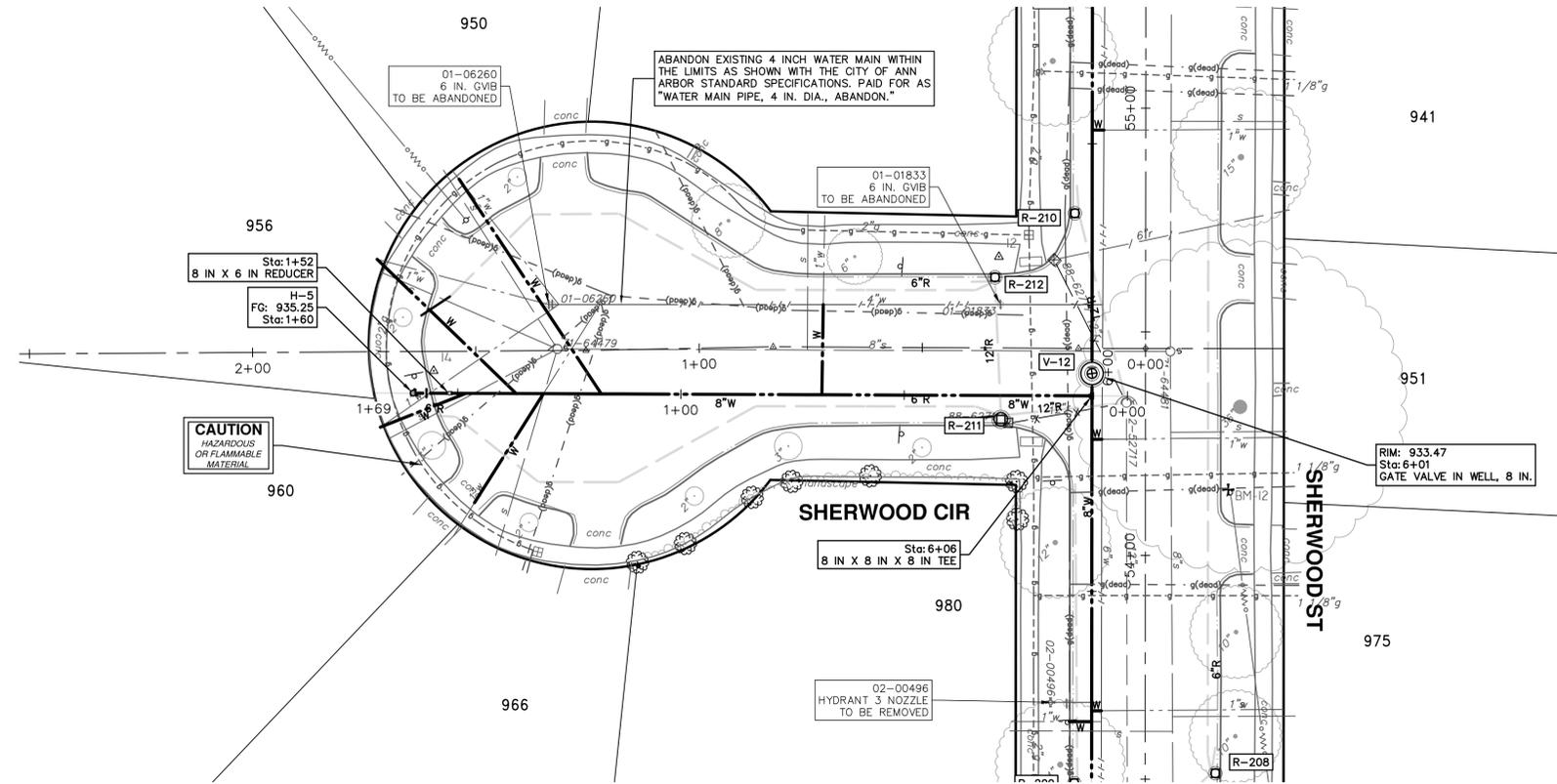
WATER MAIN PLAN & PROFILE - SHERWOOD ST

SCALE PLAN: 1" = 20'
PROFILE: 1" = 4'

DRAWING NO. 2025011-23

WATER 5+50 TO 9+80.11

SHEET No. 23 OF 53

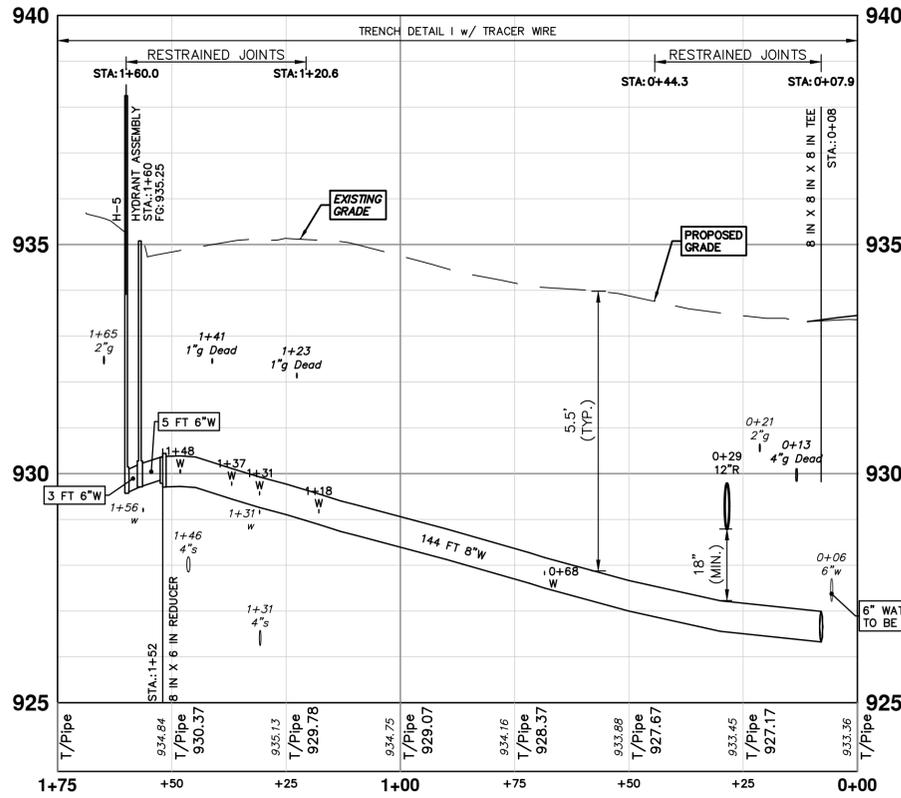


WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-5	Hydrant Assembly	1+60	935.25

THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND ALL RELATED WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RELATED ITEMS OF WORK.

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SHERWOOD CIR WATER



NO.	DATE	DESCRIPTION	CHECKED	DRAWN
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00	02-19-2026	OUT FOR BID	A2D	DRAWN

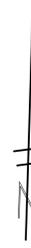
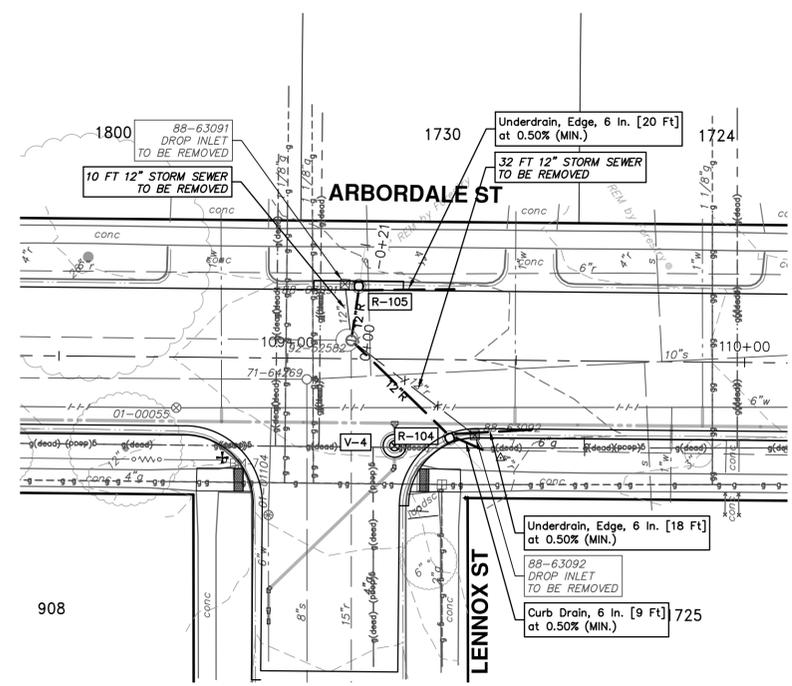
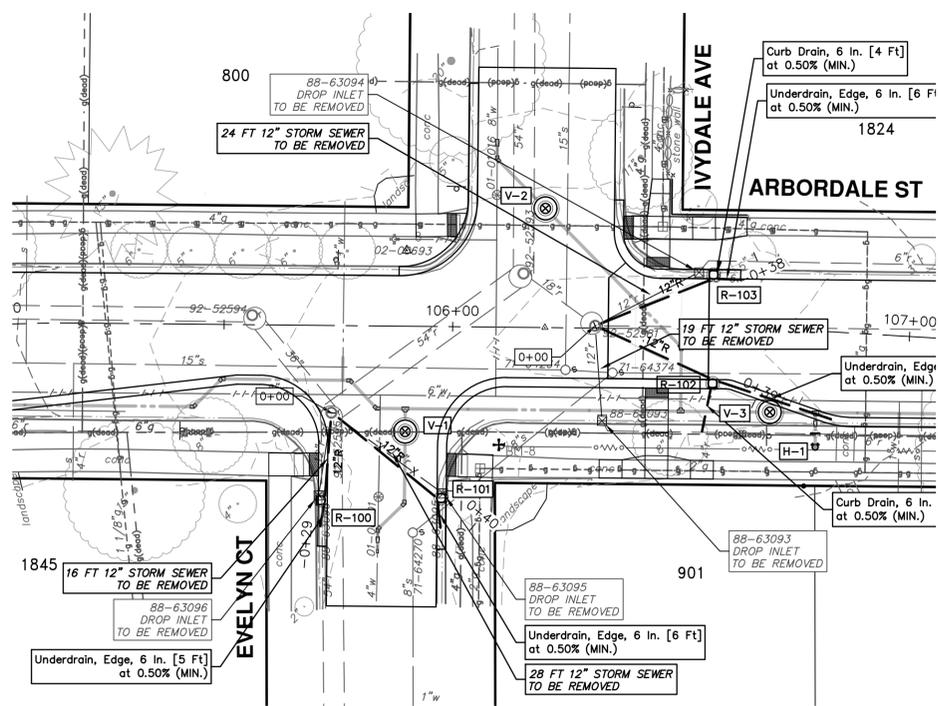
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ANN ARBOR, MI 48106-1667
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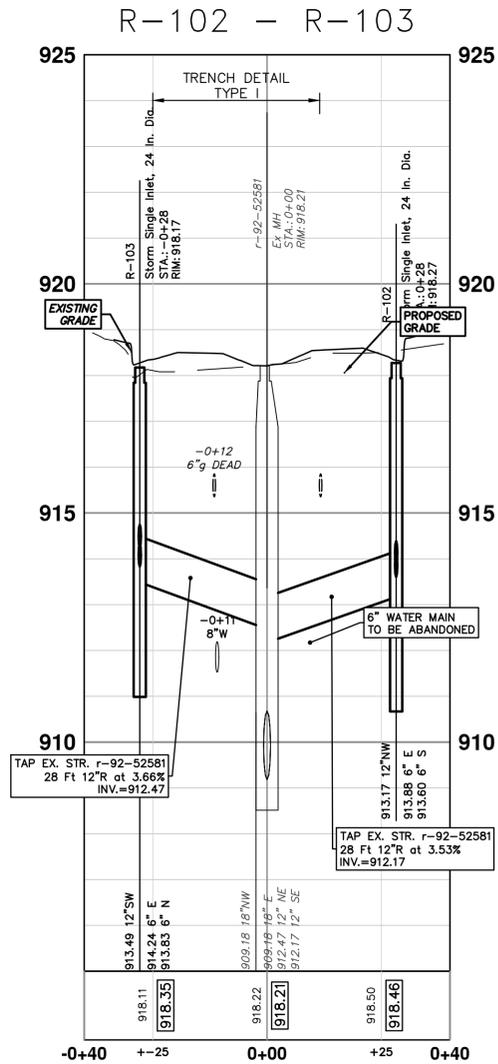
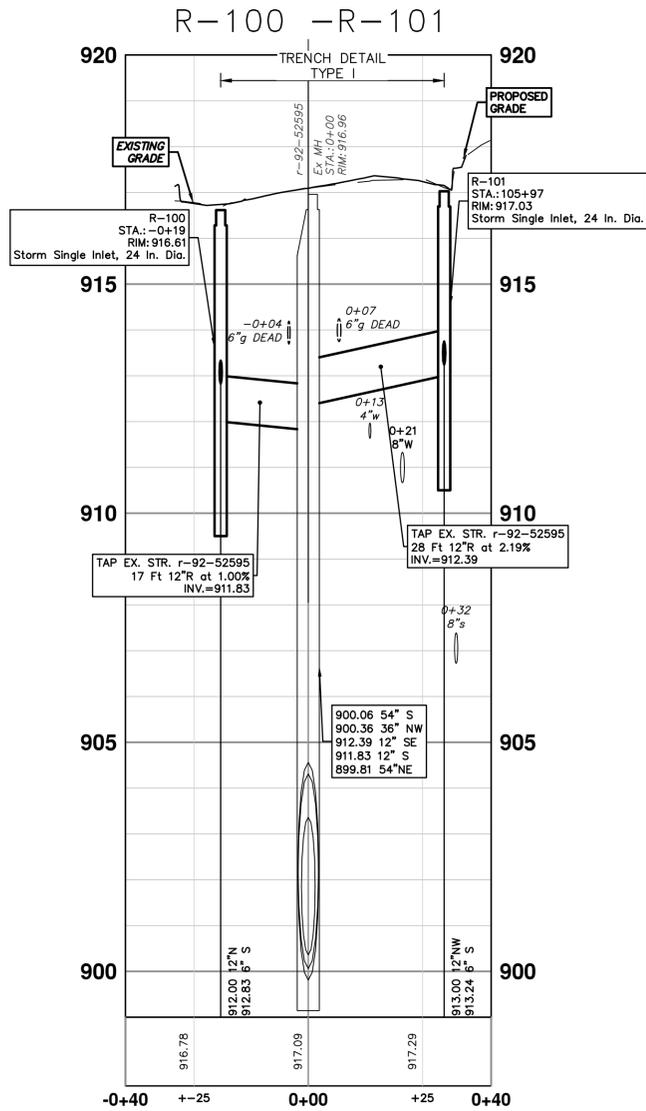
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
WATER MAIN PLAN & PROFILE - SHERWOOD CIR
WATER 0+00 TO 1+75

SCALE PLAN: 1" = 20'
PROFILE: 1" = 4'

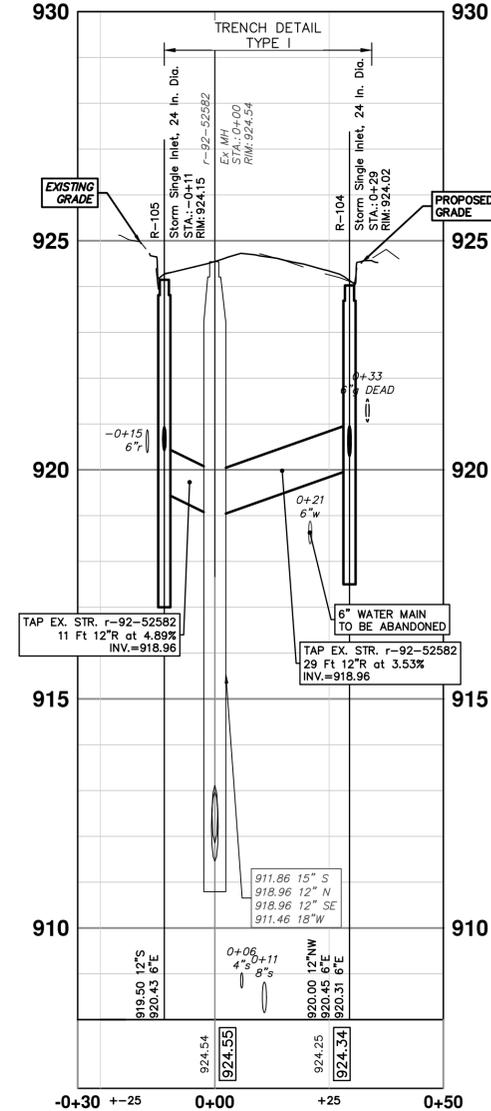
DRAWING NO. 2025011-24



STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-100	0+19	Storm Single Inlet, 24 In. Dia.	916.61	6" S 912.83 12" N 912.00	6.61	2'
R-101	0+30	Storm Single Inlet, 24 In. Dia.	917.03	6" S 913.24 12" NW 913.00	6.03	2'
R-102	0+28	Storm Single Inlet, 24 In. Dia.	918.27	6" E 913.88 12" NW 913.17	7.11	2'
R-103	0+28	Storm Single Inlet, 24 In. Dia.	918.17	6" E 914.24 6" N 913.83 12" SW 913.49	6.69	2'
R-104	0+29	Storm Single Inlet, 24 In. Dia.	924.02	12" NW 920.00 6" E 920.45 6" E 920.31	6.02	2'
R-105	0+11	Storm Single Inlet, 24 In. Dia.	924.15	12" S 919.50 6" E 920.43	6.65	2'



EXISTING STORM SEWER STRUCTURE REMOVAL TABLE		
STRUCTURE	DEPTH (Feet)	REMOVE
88-63091	4.00	Drop Inlet TO BE REMOVED
88-63092	3.53	Drop Inlet TO BE REMOVED
88-63096	6.50	Drop Inlet TO BE REMOVED
88-63095	5.60	Drop Inlet TO BE REMOVED
88-63093	4.90	Drop Inlet TO BE REMOVED
88-63094	5.00	Drop Inlet TO BE REMOVED



NO.	DATE	DESCRIPTION	BY	CHECKED
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	03-06-2026		A2D	

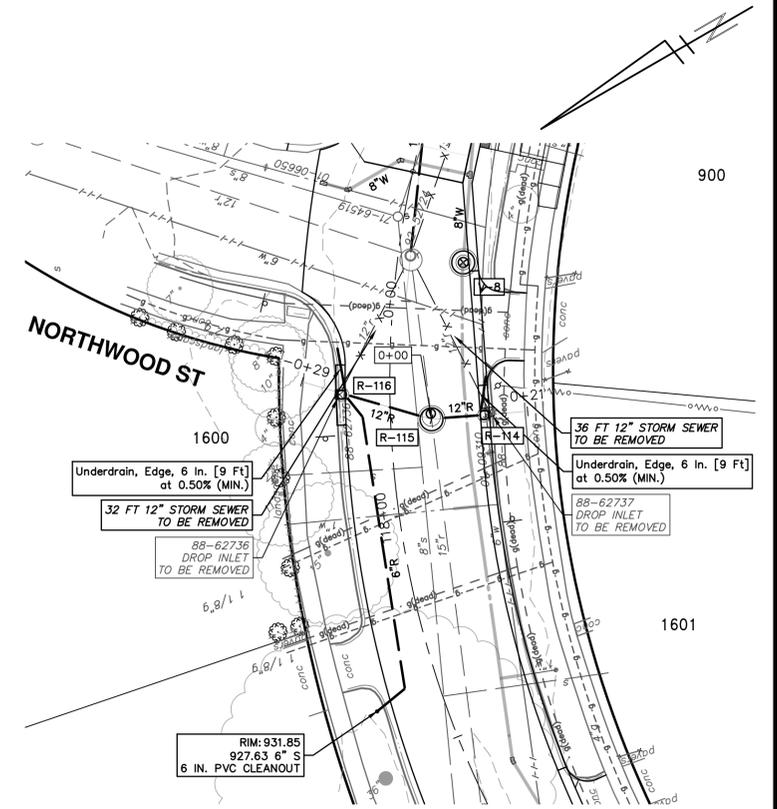
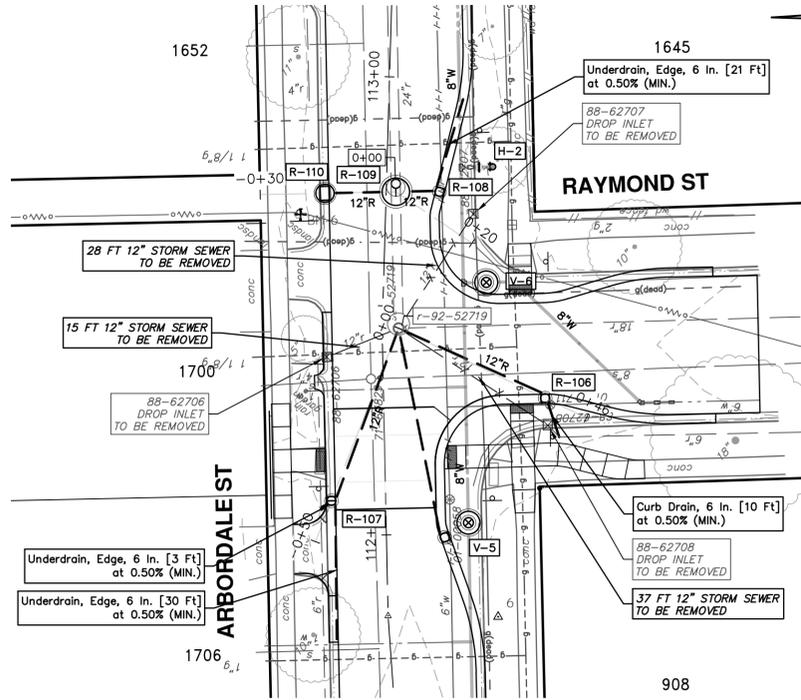
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
ARBORDALE SHERWOOD WATER MAIN
STORM PLAN & PROFILES
IVYDALE EVELYN LENNOX

SHEET No. 25 OF 53
SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING No. 2025011-25

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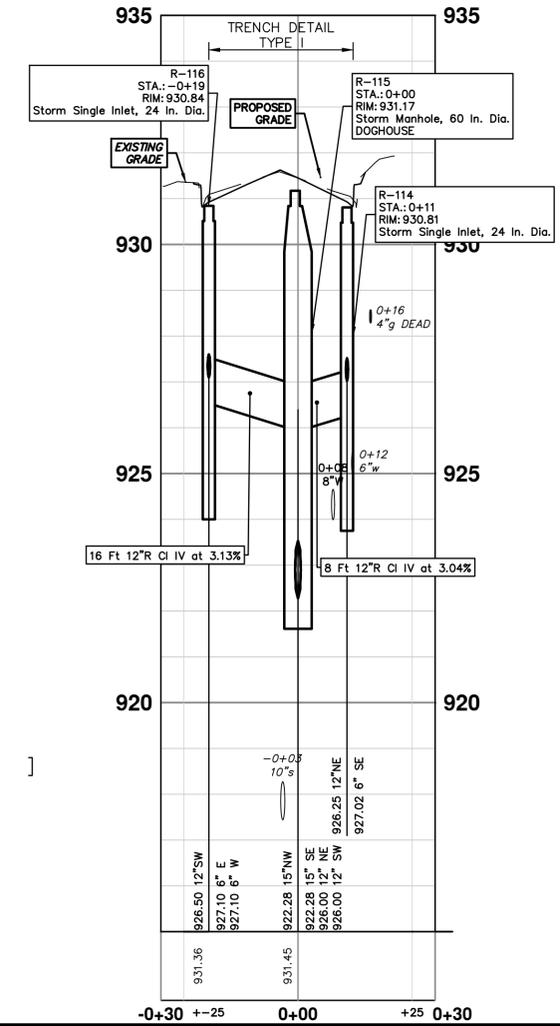
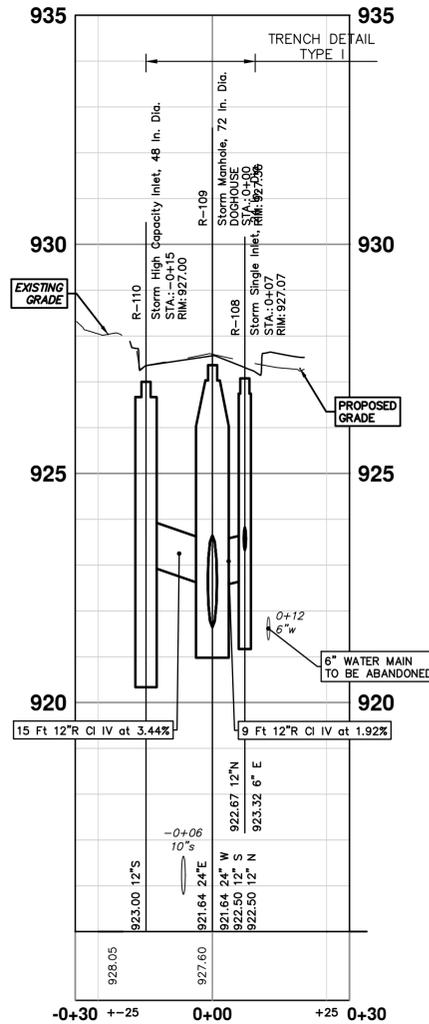
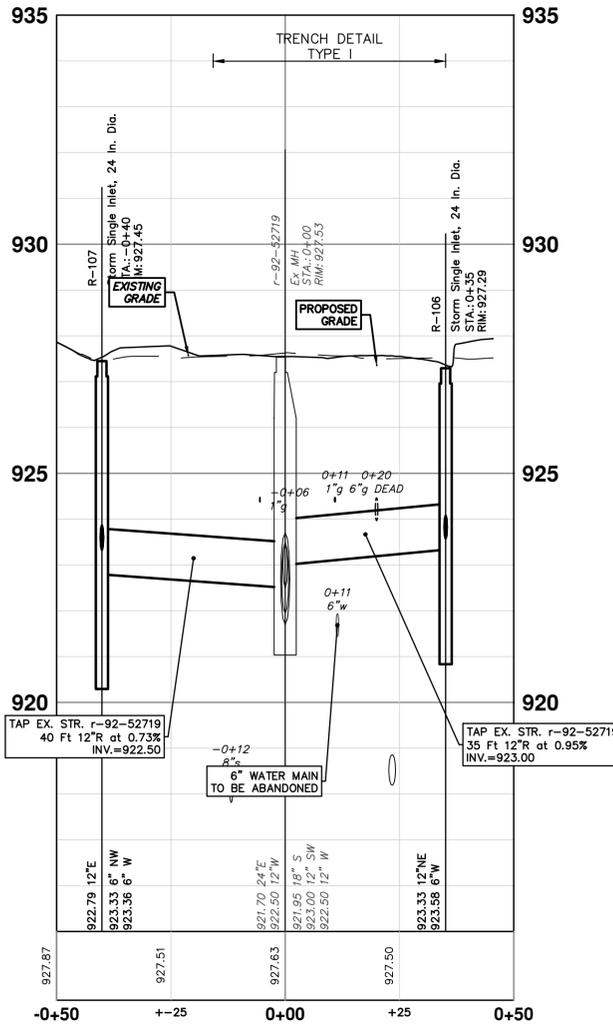
STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-106	0+35	Storm Single Inlet, 24 In. Dia.	927.29	12" NE 923.33 6" W 923.58	5.96	2'
R-107	0+40	Storm Single Inlet, 24 In. Dia.	927.45	6" NW 923.33 6" W 923.36 12" E 922.79	6.65	2'
R-108	0+07	Storm Single Inlet, 24 In. Dia.	927.07	6" E 923.32 12" N 922.67	5.41	1'
R-109	0+00	Storm Manhole, 72 In. Dia. DOGHOUSE	927.36	24" W 921.64 12" S 922.50 24" E 921.64	5.72	0'
R-110	0+15	Storm High Capacity Inlet, 48 In. Dia.	927.00	12" S 923.00	6.00	2'
R-114	0+11	Storm Single Inlet, 24 In. Dia.	930.81	6" SE 927.02 12" NE 926.25	6.56	2'
R-115	0+00	Storm Manhole, 60 In. Dia. DOGHOUSE	931.17	15" SE 922.28 12" NE 926.00 12" SW 926.00 15" NW 922.28	8.89	0'
R-116	0+19	Storm Single Inlet, 24 In. Dia.	930.84	6" E 927.10 6" W 927.10 12" SW 926.50	6.34	2'

R-106 - R-107

R-108 - R-110

EXISTING STORM SEWER STRUCTURE REMOVAL TABLE		
STRUCTURE	DEPTH (Feet)	REMOVE
88-62707	3.00	Drop Inlet TO BE REMOVED
88-62706	2.50	Drop Inlet TO BE REMOVED
88-62708	3.30	Drop Inlet TO BE REMOVED
88-62736	3.60	Drop Inlet TO BE REMOVED
88-62737	2.70	Drop Inlet TO BE REMOVED

R-114 - R-116



NO.	DATE	DESCRIPTION	BY	CHECKED
01	02-19-2026	OUT FOR BID		
	03-06-2026	A2D		
	02-19-2026	A2D		

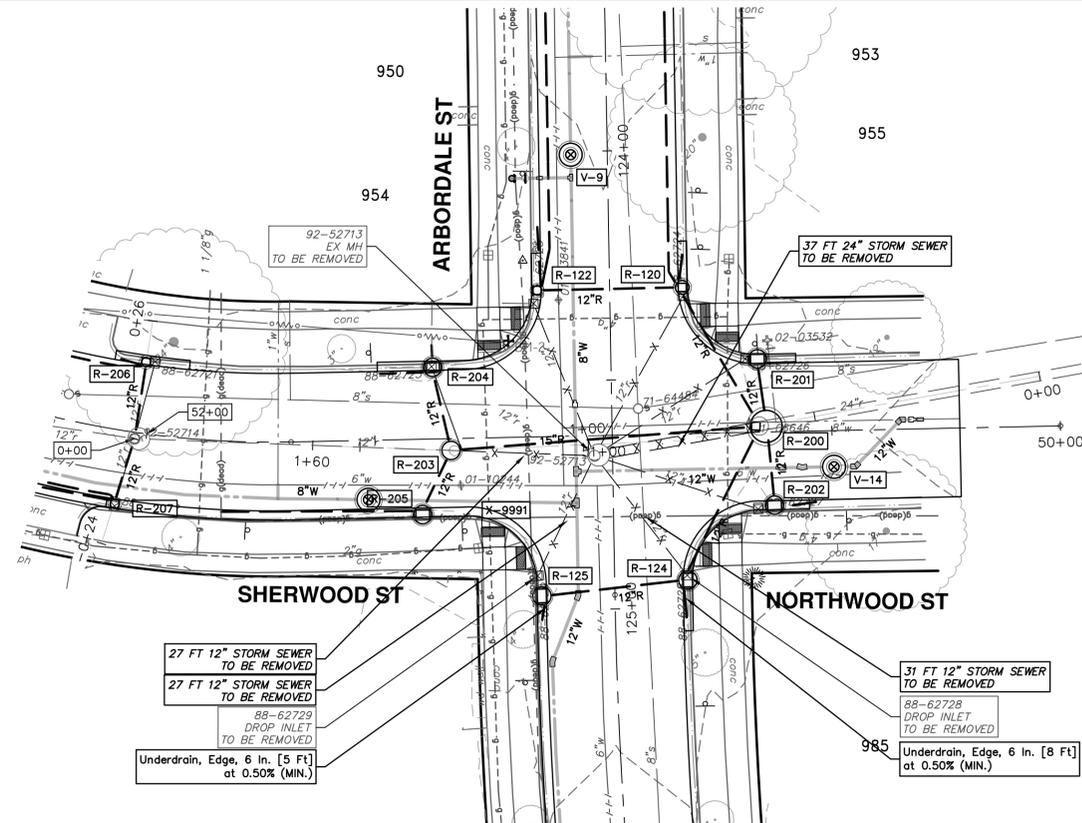
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ANN ARBOR MI 48107-8647
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ARBODALE SHERWOOD WATER MAIN
STORM PLAN & PROFILES
RAYMOND NORTHWOOD

SHEET No. 26 OF 53
SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING No. 2025011-26

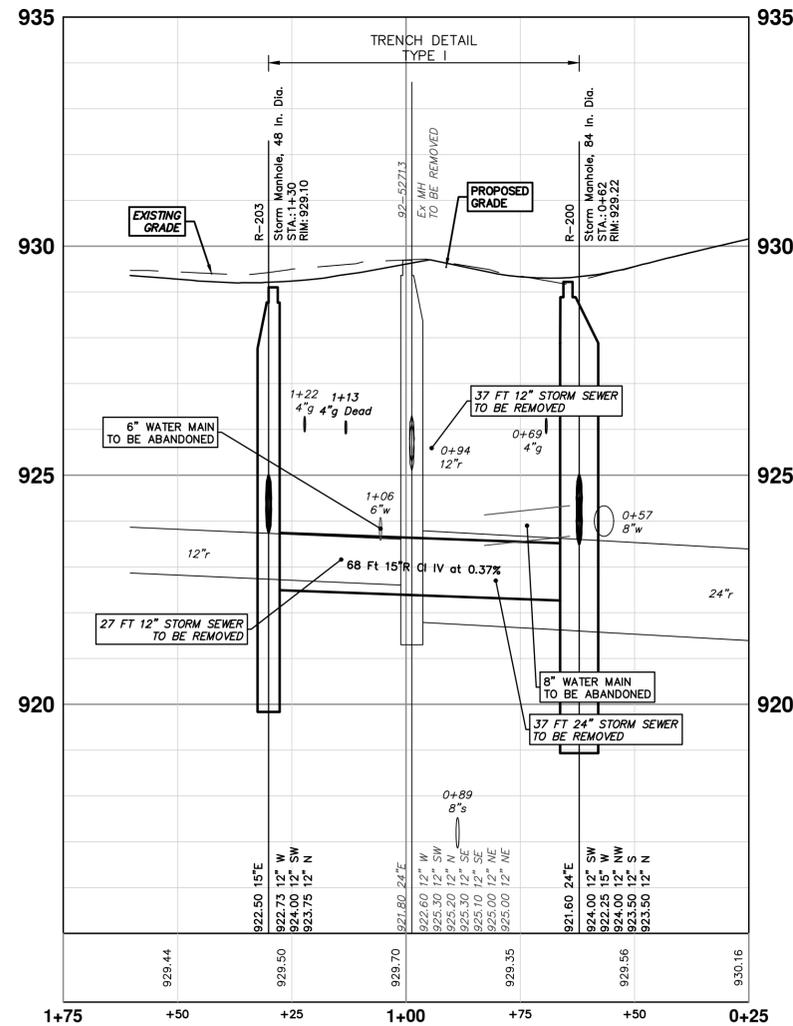
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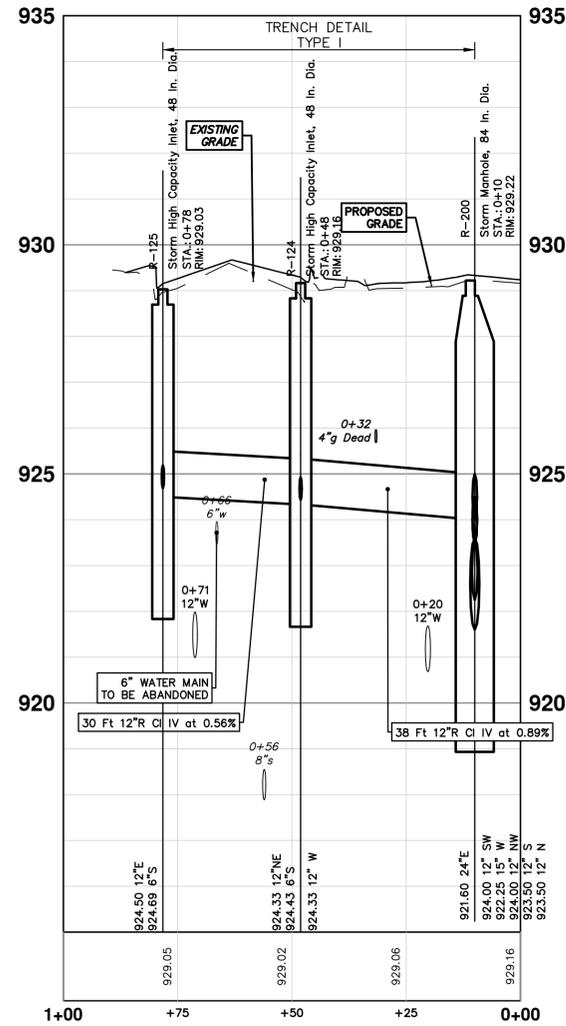
STRUCTURE	DEPTH (Feet)	REMOVE
88-62729	4.46	Drop Inlet TO BE REMOVED
88-62728	4.17	Drop Inlet TO BE REMOVED
92-52713	7.89	Ex MH TO BE REMOVED

STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-124	0+48	Storm High Capacity Inlet, 48 In. Dia.	929.16	12" W 924.33 12" NE 924.33 6" S 924.43	6.83	2'
R-125	0+78	Storm High Capacity Inlet, 48 In. Dia.	929.03	12" E 924.50 6" S 924.69	6.53	2'
R-200	0+00	Storm Manhole, 84 In. Dia.	929.22	12" SW 924.00 15" W 922.25 12" NW 924.00 12" S 923.50 12" N 923.50 24" E 921.60	9.62	2'
R-203	1+30	Storm Manhole, 48 In. Dia.	929.10	12" W 922.73 12" SW 924.00 12" N 923.75 15" E 922.50	8.60	2'

R-200 - R-203



R-200 - R-125



NO.	DATE	BY	DESCRIPTION
01	03-06-2026	A2D	ADDENDUM No. 1
00	02-19-2026	A2D	OUT FOR BID
			REV.

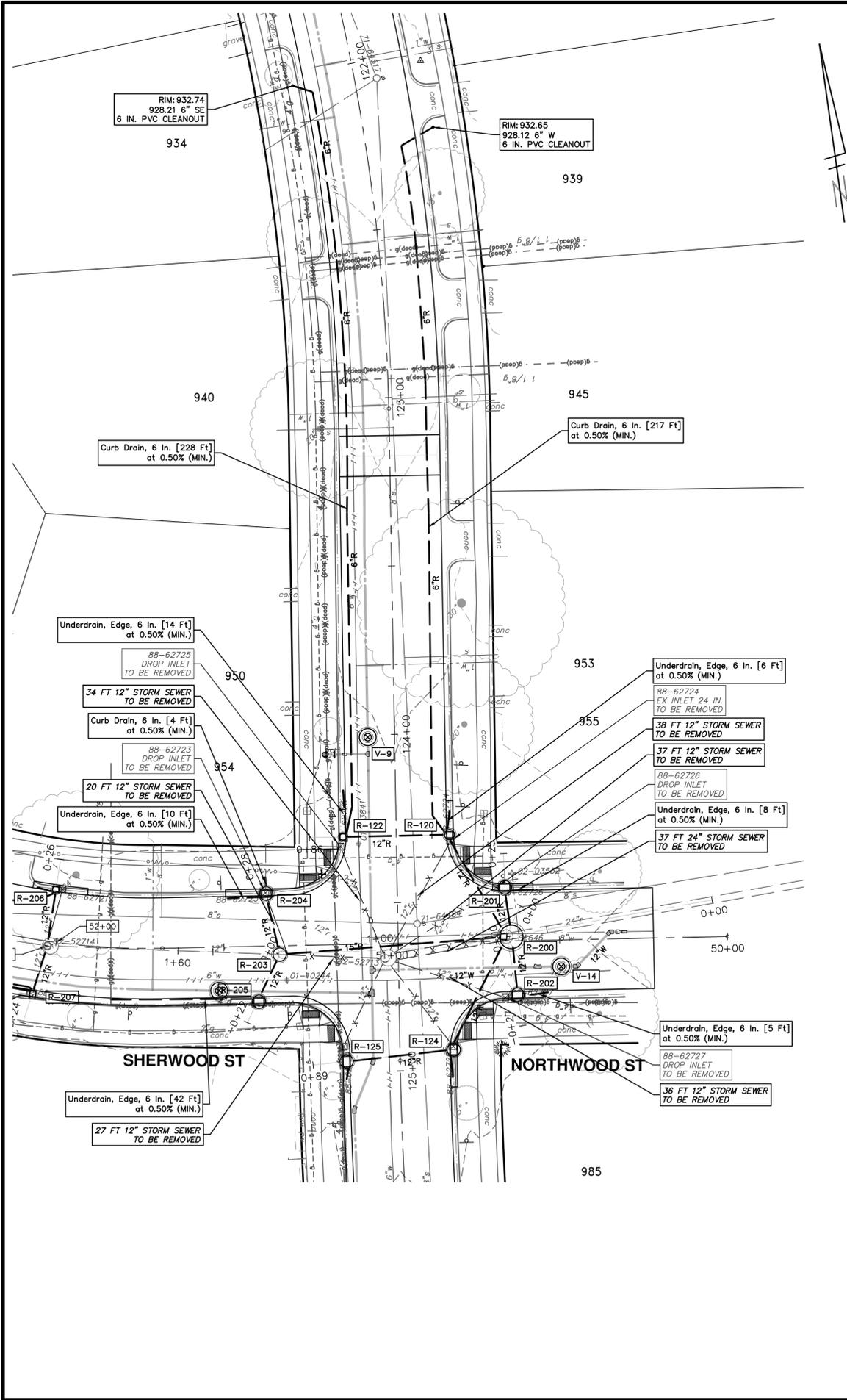
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ANN ARBOR, MI 48106-1667
ANN ARBOR 734.764.4410
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ARBORDALE SHERWOOD WATER MAIN
STORM PLAN & PROFILES
ARBORDALE SHERWOOD NORTHWOOD

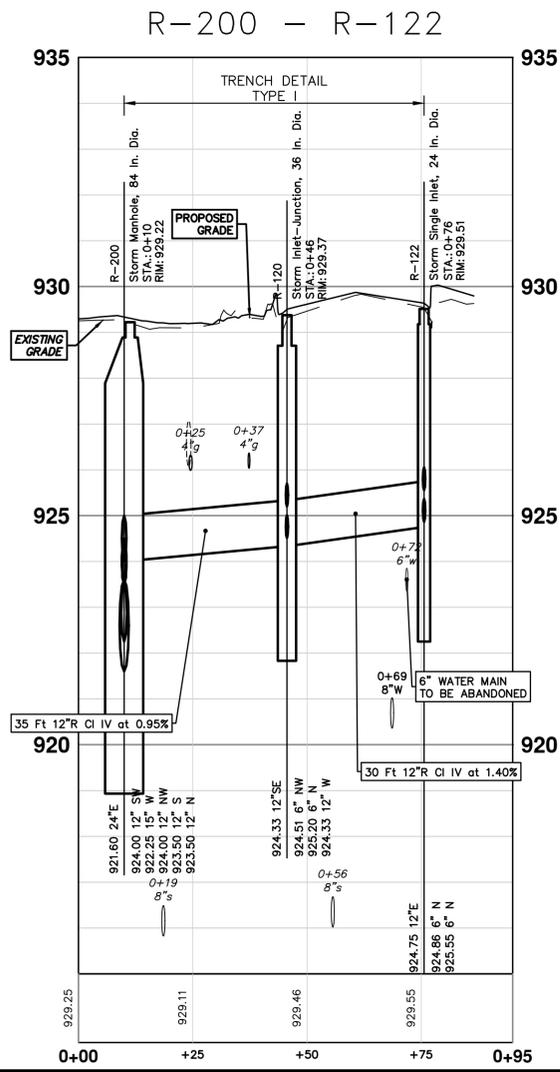
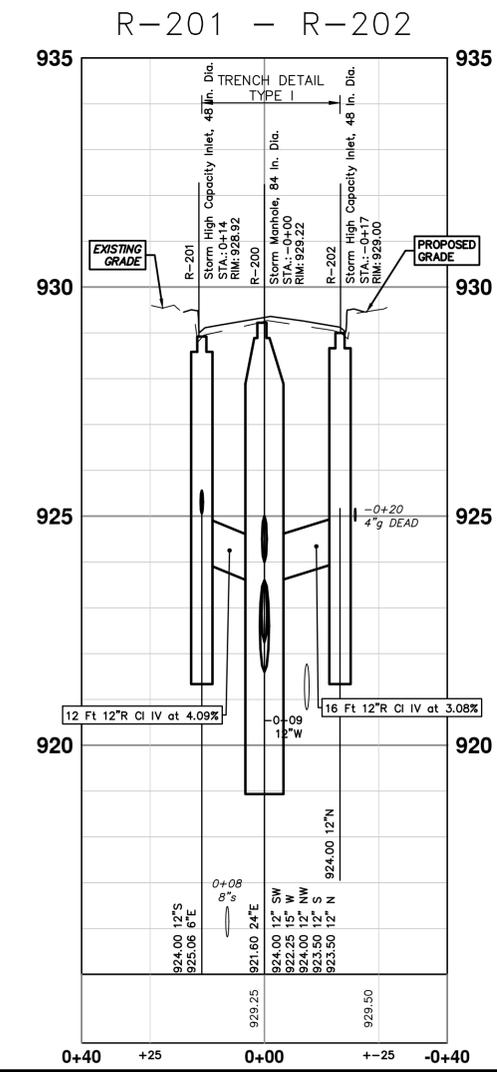
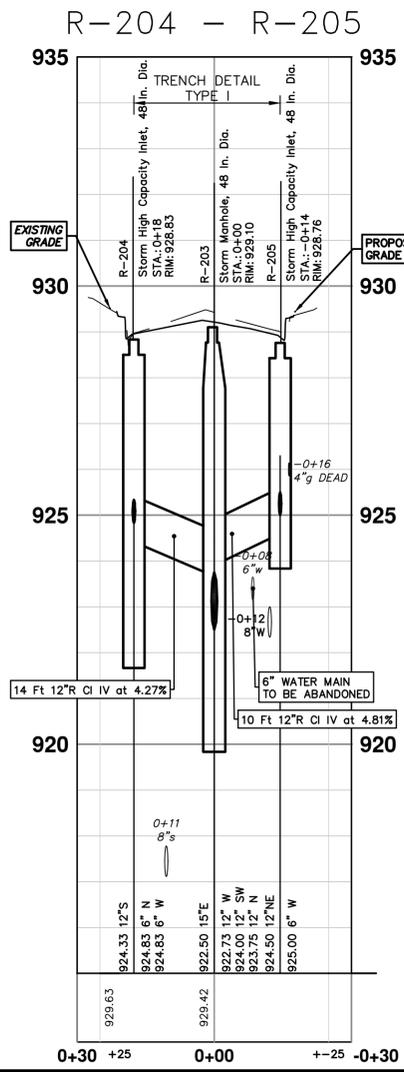
SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING NO. 2025011-28

R:\2025011\Arbordale Sherwood WM Resurf\Plan Production\2025011Strm1.dwg Dwg Created: 5-Mar-26 - a2 standard bw.stb - Plot Date: 6-Mar-26



STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-120	0+46	Storm Inlet-Junction, 36 In. Dia.	929.37	6" NW 924.51 6" N 925.20 12" W 924.33 12" SE 924.33	7.04	2'
R-122	0+76	Storm Single Inlet, 24 In. Dia.	929.51	6" N 924.86 6" N 925.55 12" E 924.75	6.76	2'
R-200	0+00	Storm Manhole, 84 In. Dia.	929.22	12" SW 924.00 15" W 922.25 12" NW 924.00 12" S 923.50 12" N 923.50 24" E 921.60	9.62	2'
R-201	0+14	Storm High Capacity Inlet, 48 In. Dia.	928.92	12" S 924.00 6" E 925.06	6.92	2'
R-202	0+17	Storm High Capacity Inlet, 48 In. Dia.	929.00	12" N 924.00	7.00	2'
R-204	0+18	Storm High Capacity Inlet, 48 In. Dia.	928.83	6" N 924.83 6" W 924.83 12" S 924.33	6.50	2'
R-205	0+14	Storm High Capacity Inlet, 48 In. Dia.	928.76	6" W 925.00 12" NE 924.50	4.26	0'

EXISTING STORM SEWER STRUCTURE REMOVAL TABLE		
STRUCTURE	DEPTH (Feet)	REMOVE
88-62723	4.90	Drop Inlet TO BE REMOVED
88-62727	2.70	Drop Inlet TO BE REMOVED
88-62726	2.50	Drop Inlet TO BE REMOVED



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Know what's below. Call before you dig.

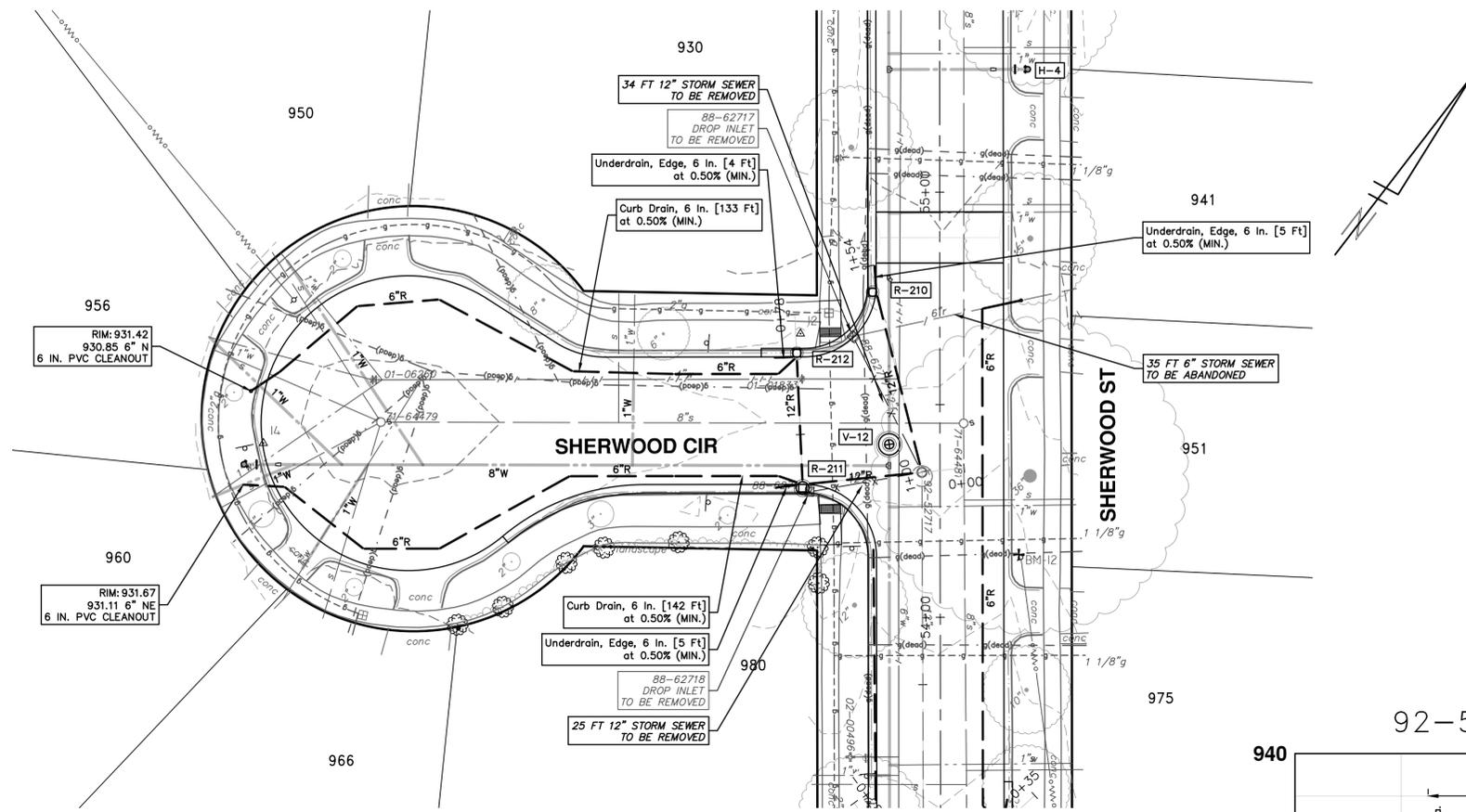
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01	03-06-2026	ADDENDUM No. 1	
00	02-19-2026	OUT FOR BID	

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STORM PLAN & PROFILES
SHERWOOD NORTHWOOD ARBORDALE

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

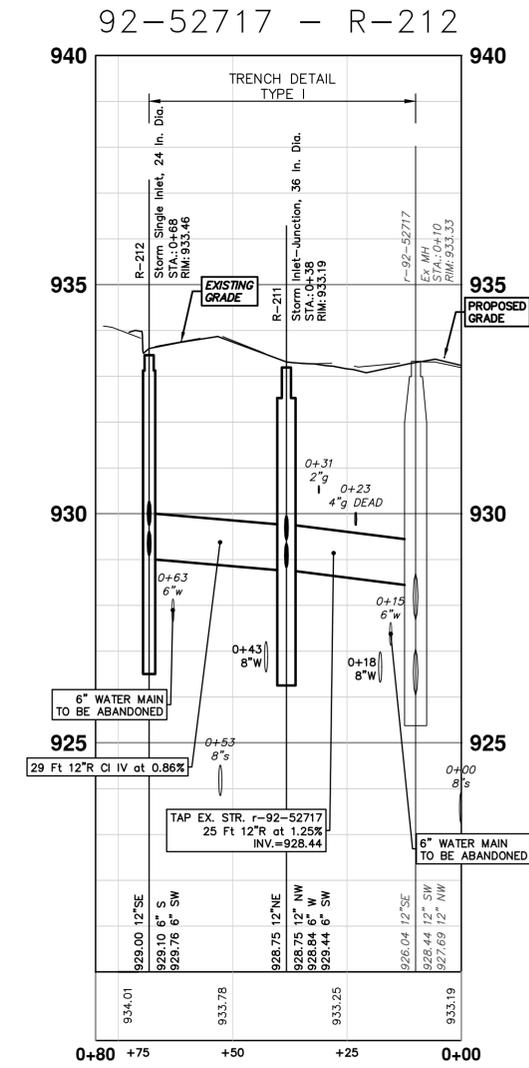
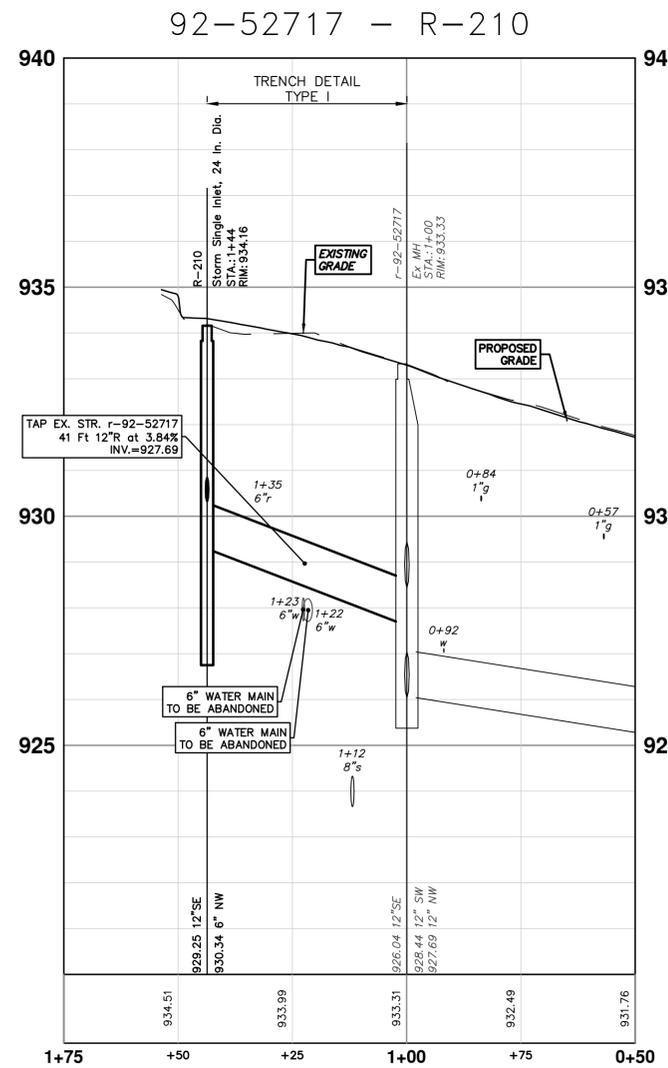
DRAWING NO. 2025011-29
SHEET NO. 29 OF 53

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Strm1.dwg Dwg Created: 5-Mar-26 --_a2_standard bw.stb -- Plot Date: 6-Mar-26



STRUCTURE	DEPTH (Feet)	REMOVE
88-62718	3.20	Drop Inlet TO BE REMOVED
88-62717	3.00	Drop Inlet TO BE REMOVED

STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-210	1+44	Storm Single Inlet, 24 In. Dia.	934.16	6" NW 930.34 12" SE 929.25	6.91	2'
R-211	0+38	Storm Inlet-Junction, 36 In. Dia.	933.19	12" NW 928.75 6" W 928.84 6" SW 929.44 12" NE 928.75	6.44	2'
R-212	0+68	Storm Single Inlet, 24 In. Dia.	933.46	6" S 929.10 6" SW 929.76 12" SE 929.00	6.46	2'



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NO.	DATE	BY	DESCRIPTION
01	03-06-2026	A2D	ADDENDUM No. 1
00	02-19-2026	A2D	OUT FOR BID
			REV.

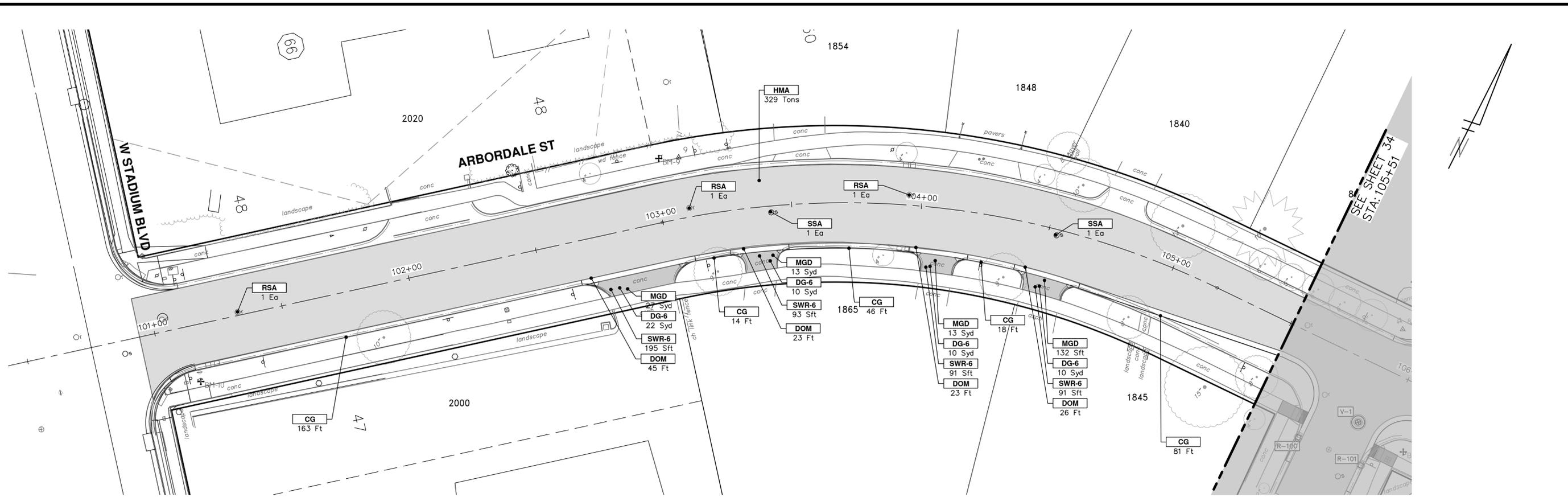
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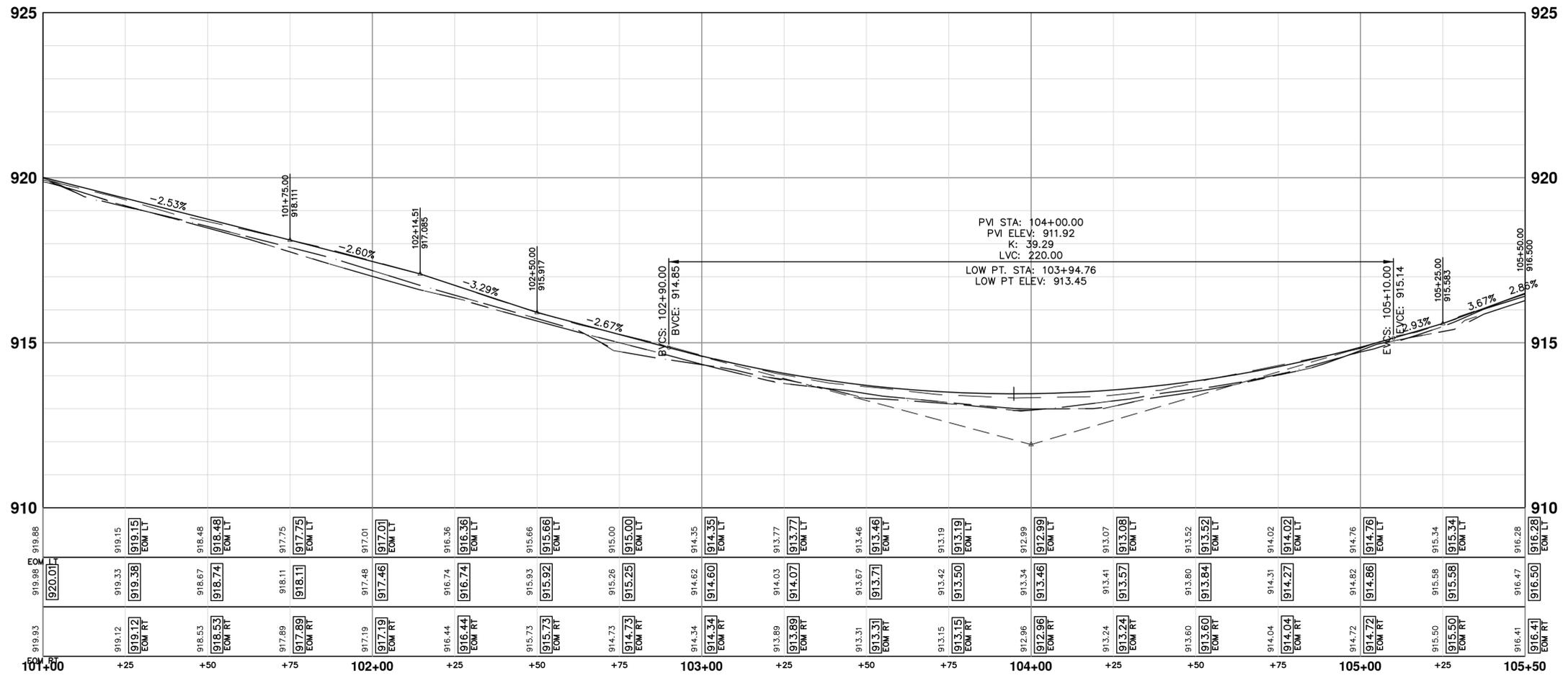
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ARBORDALE SHERWOOD WATER MAIN
STORM PLAN & PROFILES
SHERWOOD CT

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING
SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING No. 2025011-32

R:\2025011 Arbordale Sherwood WM Resurt\Plan Production\2025011Prd.dwg Dwg Created: 4-Mar-26 - _a2_standard bw.stb - Plot Date: 6-Mar-26



ARBORDALE ST



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc, Curb or Curb & Gutter, All Types
DOM	Conc, Driveway Opening, Type M
DOM-HE	Conc, Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SWR-4	Conc, Sidewalk, 4 In.
SWR-6	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.
SW6-HE	Conc, Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW8	Conc, Sidewalk, Drive Approach, or Ramp, 8 In.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

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ARBORDALE SHERWOOD WATER MAIN
 ROAD PLAN & PROFILE - ARBORDALE ST

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01 APPENDUM No. 1
 02-19-2026
 DATE

00 OUT FOR BID
 03-06-2026
 DATE

REV. DESCRIPTION CHECKED DRAWN

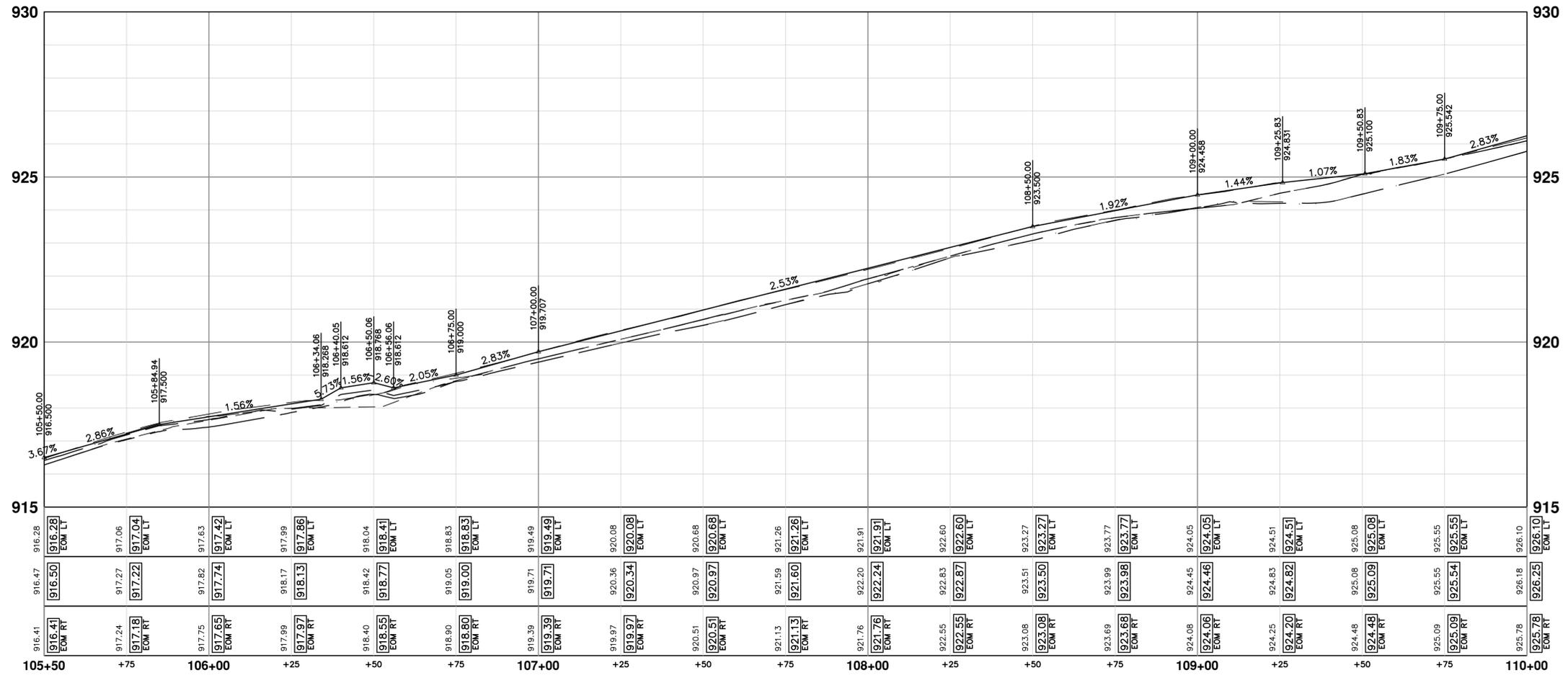
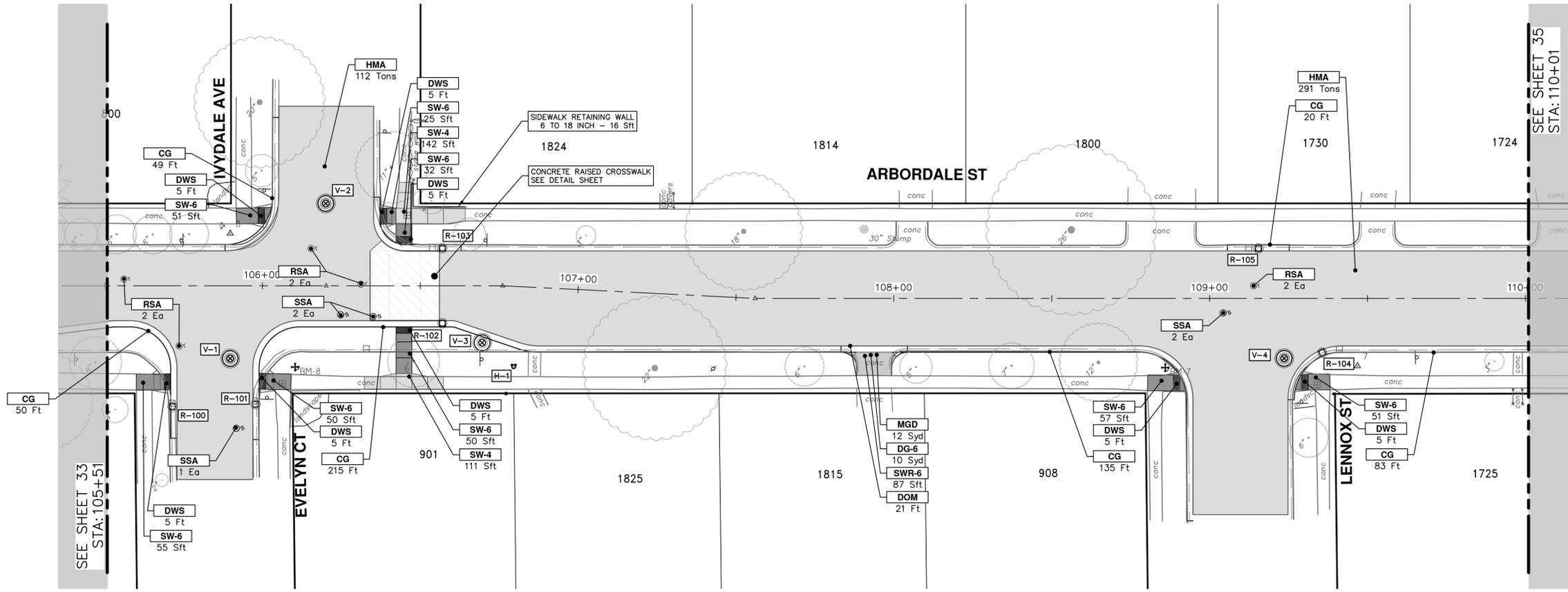
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 ANN ARBOR, MI 48106-6647
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P.O.B. - STA. 105+50

SCALE PLAN: 1" = 20'
 PROFILE: 1" = 2'

DRAWING NO. 2025011-33

SHEET NO. 33 OF 53



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc. Curb or Curb & Gutter, All Types
DOM	Conc. Driveway Opening, Type M
DOM-HE	Conc. Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc. Sidewalk, 4 In.
SWR-6	Conc. Sidewalk, Drive Approach, or Ramp, 6 In.
SW-6-HE	Conc. Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW-8	Conc. Sidewalk, Drive Approach, or Ramp, 8 In.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

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01 ADDENDUM No. 1
03-06-2026 A2D
02-19-2026 A2D
DATE DRAWN CHECKED

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ARBORDALE SHERWOOD WATER MAIN

ROAD PLAN & PROFILE - ARBORDALE ST

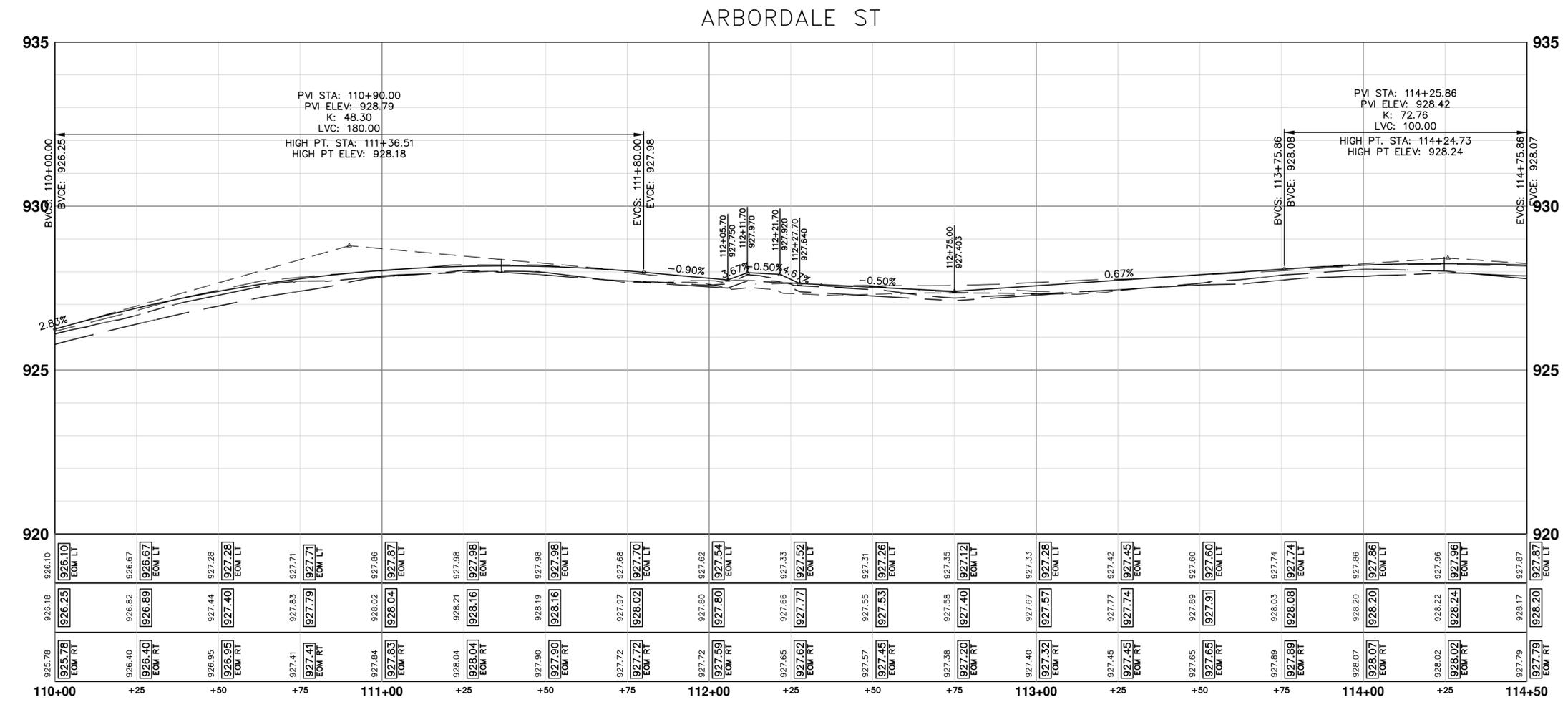
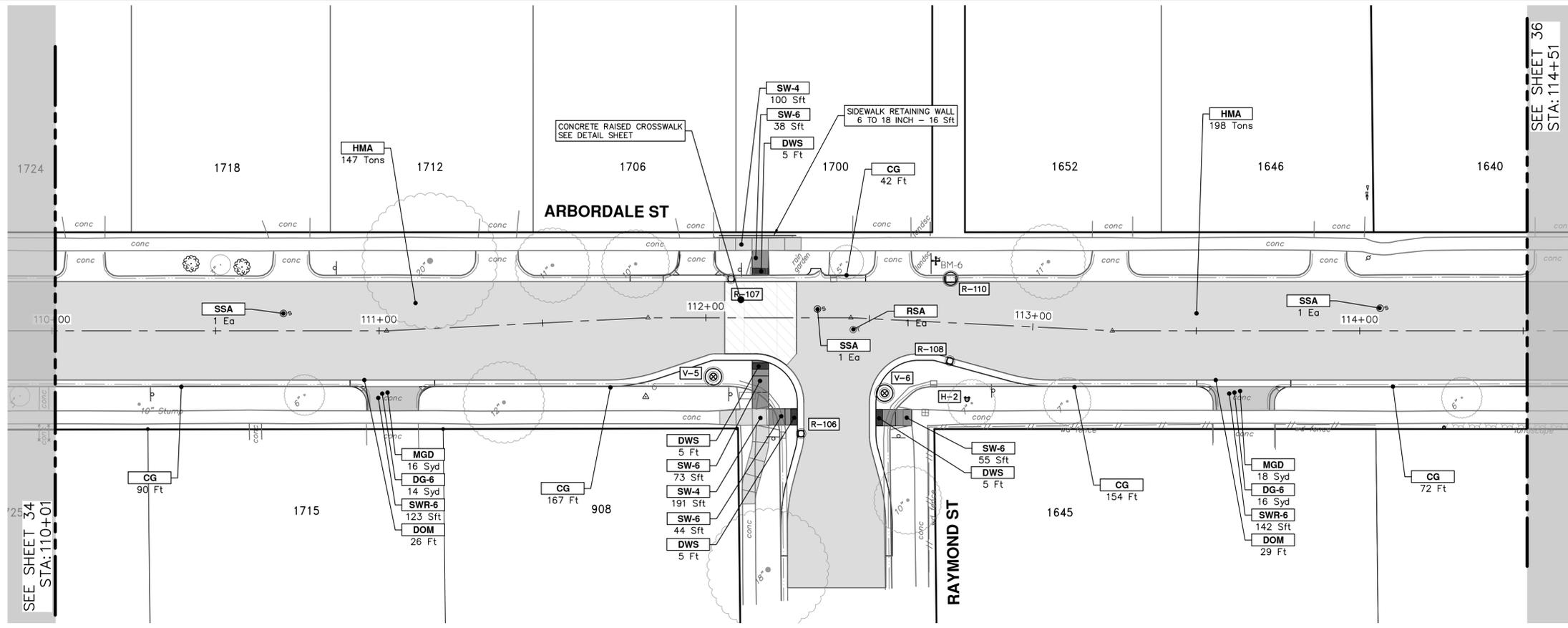
STA. 105+50 - STA. 110+00

SHEET No. **34 OF 53**

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING No. **2025011-34**

CITY OF ANN ARBOR



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc, Curb or Curb & Gutter, All Types
DOM	Conc, Driveway Opening, Type M
DOM-HE	Conc, Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc, Sidewalk, 4 In.
SWR-6	Conc, Sidewalk, Drive Approach, or Ramp, 6 In.
SW6-HE	Conc, Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW8	Conc, Sidewalk, Drive Approach, or Ramp, 8 In.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust



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SEE SHEET 36
STA: 114+51

REV.	DATE	DESCRIPTION
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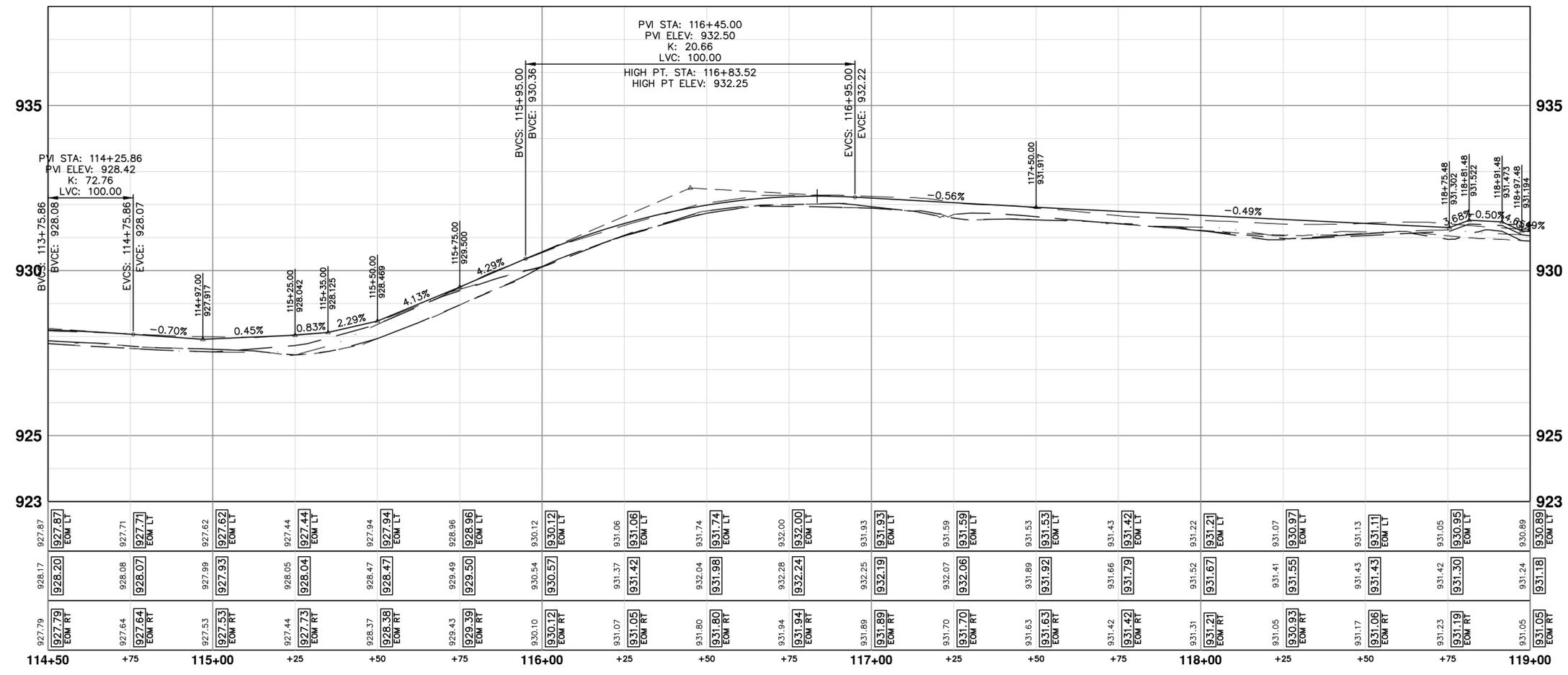
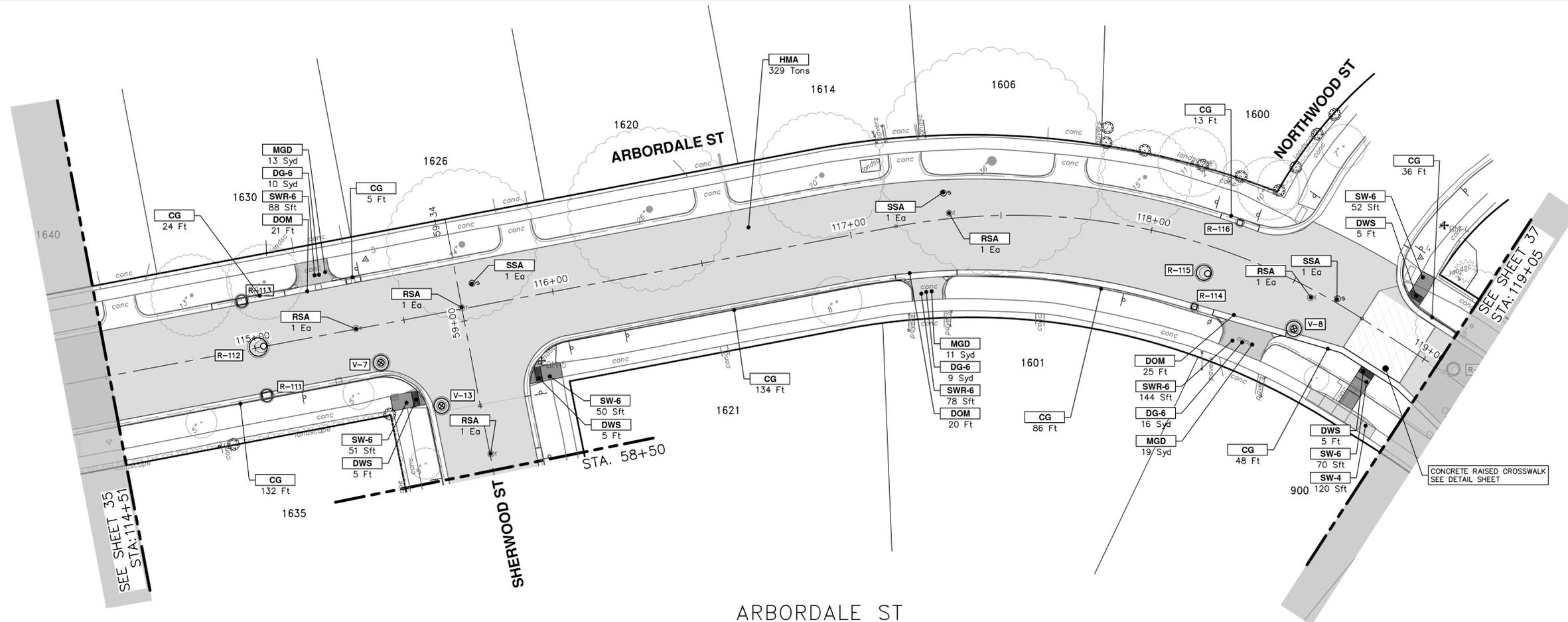
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ROAD PLAN & PROFILE - ARBORDALE ST
STA. 110+00 - STA. 114+50

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING NO. 2025011-35
SHEET NO. 35 OF 53



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA. PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc. Curb or Curb & Gutter, All Types
DOM	Conc. Driveway Opening, Type M
DOM-HE	Conc. Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LIMESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc. Sidewalk, 4 In.
SWR-6	Conc. Sidewalk, Drive Approach, or Ramp, 6 In.
SW6-HE	Conc. Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW8	Conc. Sidewalk, Drive Approach, or Ramp, 8 In.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

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ARBORDALE SHERWOOD WATER MAIN

ROAD PLAN & PROFILE - ARBORDALE ST

STA. 114+50 - STA. 119+00

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING NO. 2025011-36

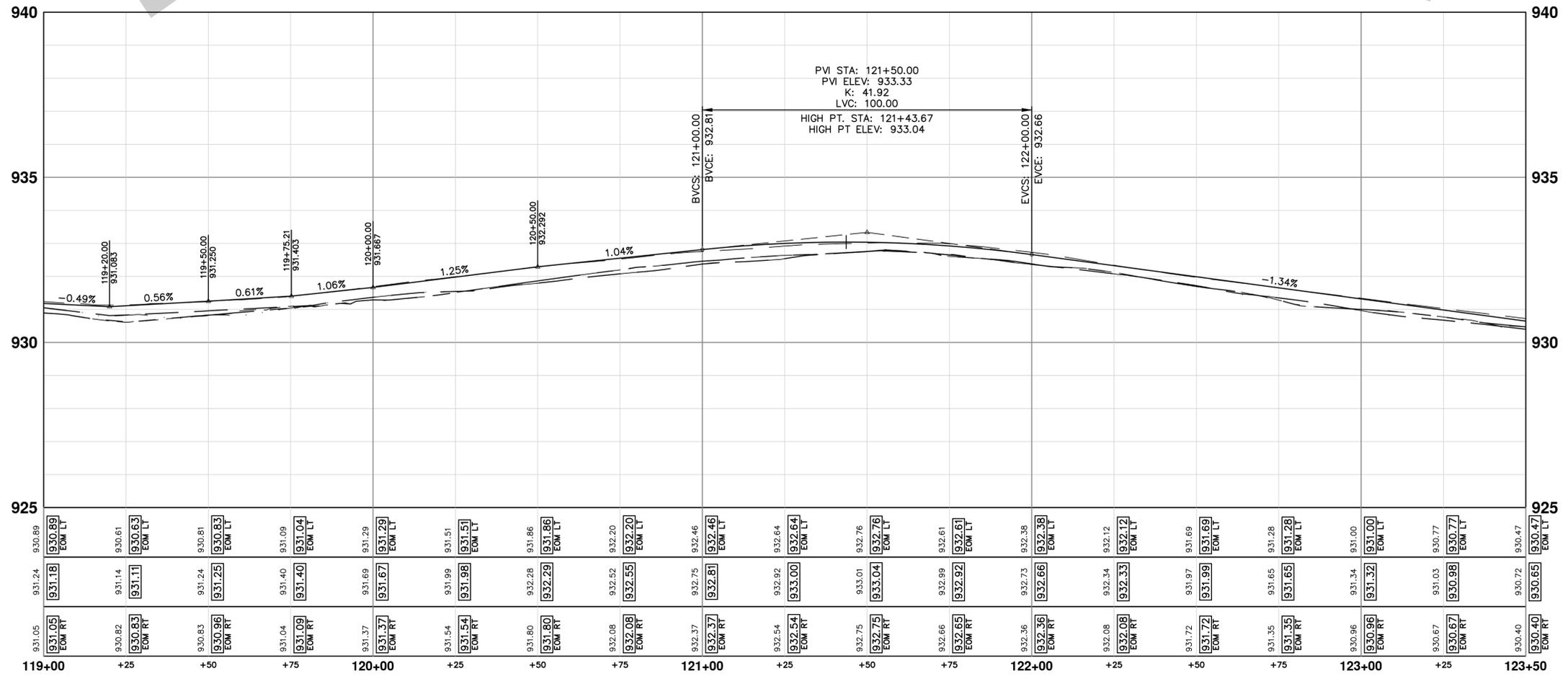
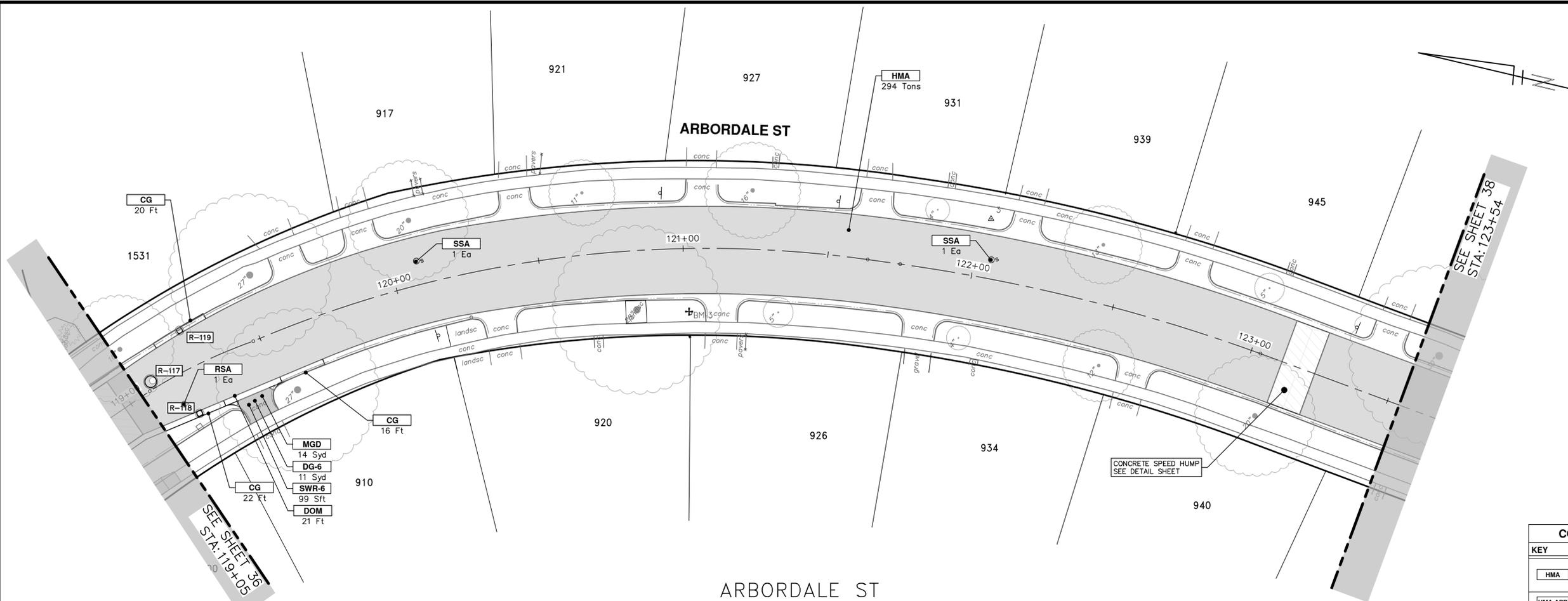
SHEET NO. 36 OF 53

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REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D

01 APPENDUM No. 1
OUT FOR BID

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Prd.dwg Dwg Created: 4-Mar-26 - _o2_standard bw.stb - Plot Date: 6-Mar-26



CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
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DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

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ARBORDALE SHERWOOD WATER MAIN

ROAD PLAN & PROFILE - ARBORDALE ST

STA. 119+00 - STA. 123+50

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING NO. 2025011-37

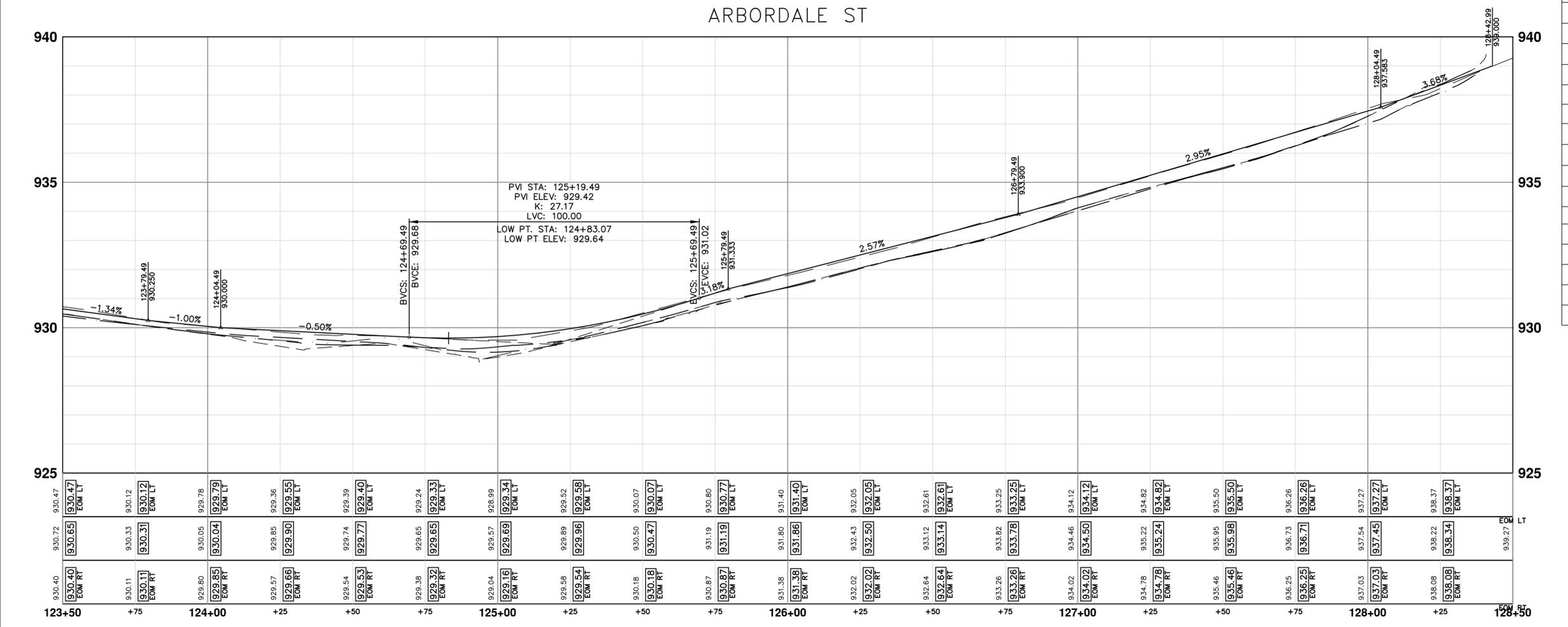
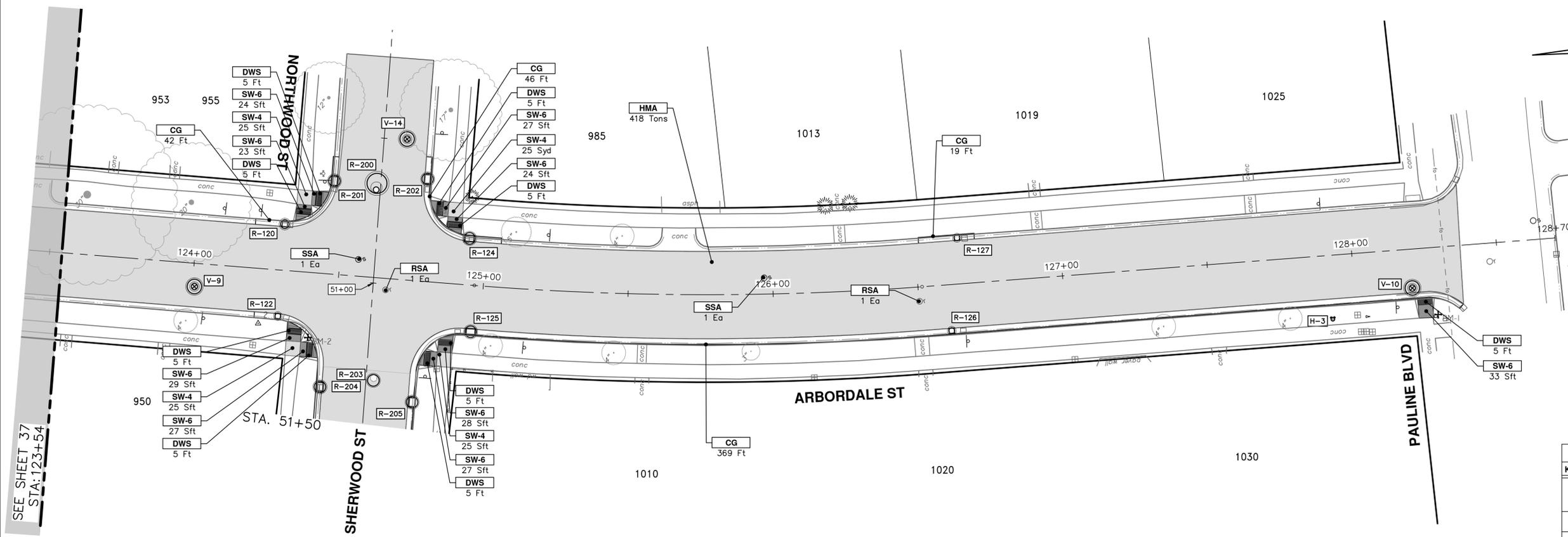
SHEET NO. 37 OF 53

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REV.	DATE	DESCRIPTION
01	03-06-2026	A2D
00	02-19-2026	A2D

ADDENDUM No. 1
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CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
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DOM	Conc. Driveway Opening, Type M
DOM-HE	Conc. Driveway Opening, Type M, High Early
DG-6	DRIVEWAY GRAVEL 6 INCH 21AA LESTONE, C.I.P.
MGD	MACHINE GRADING, DRIVEWAY
SW-4	Conc. Sidewalk, 4 in.
SWR-6	Conc. Sidewalk, Drive Approach, or Ramp, 6 in.
SW6-HE	Conc. Sidewalk, Drive Approach, or Ramp, 6 in., High Early
SW8	Conc. Sidewalk, Drive Approach, or Ramp, 8 in.
DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

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ARBORDALE SHERWOOD WATER MAIN

ROAD PLAN & PROFILE - ARBORDALE ST

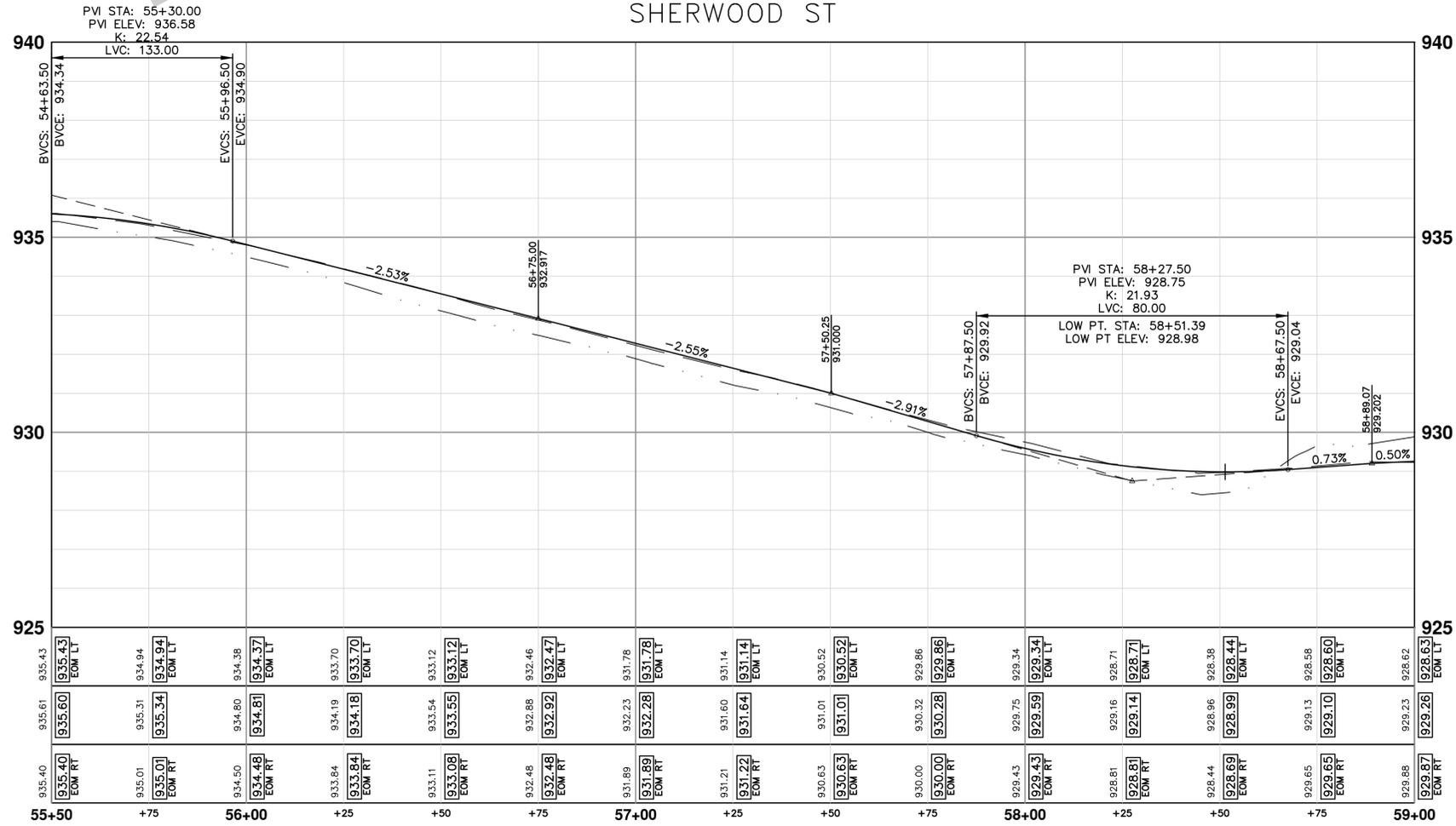
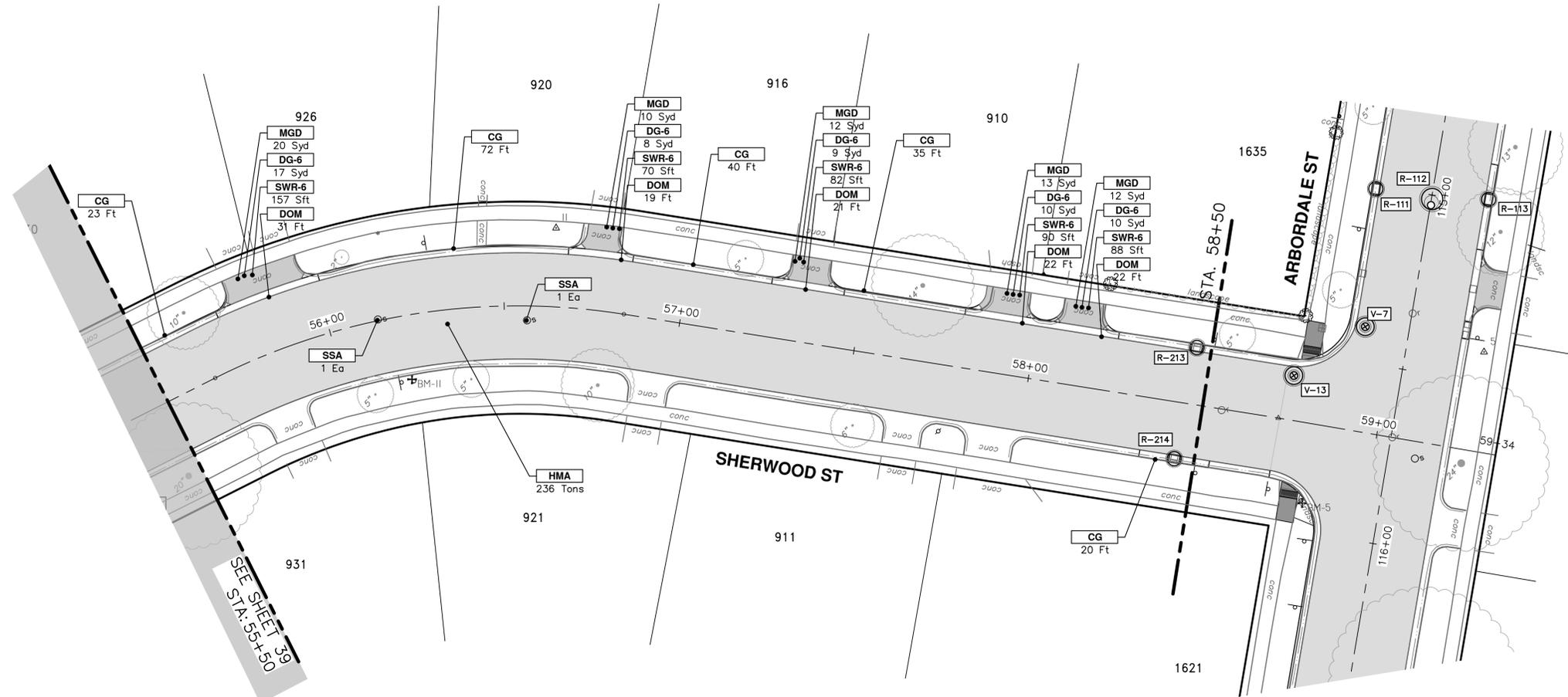
STA. 123+50 - P.O.E.

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'

DRAWING NO. 2025011-38

SHEET NO. 38 OF 53

REV.	DATE	DESCRIPTION	CHECKED
01	03-06-2026	A2D	MB/JD
00	02-19-2026	A2D	MB/JD



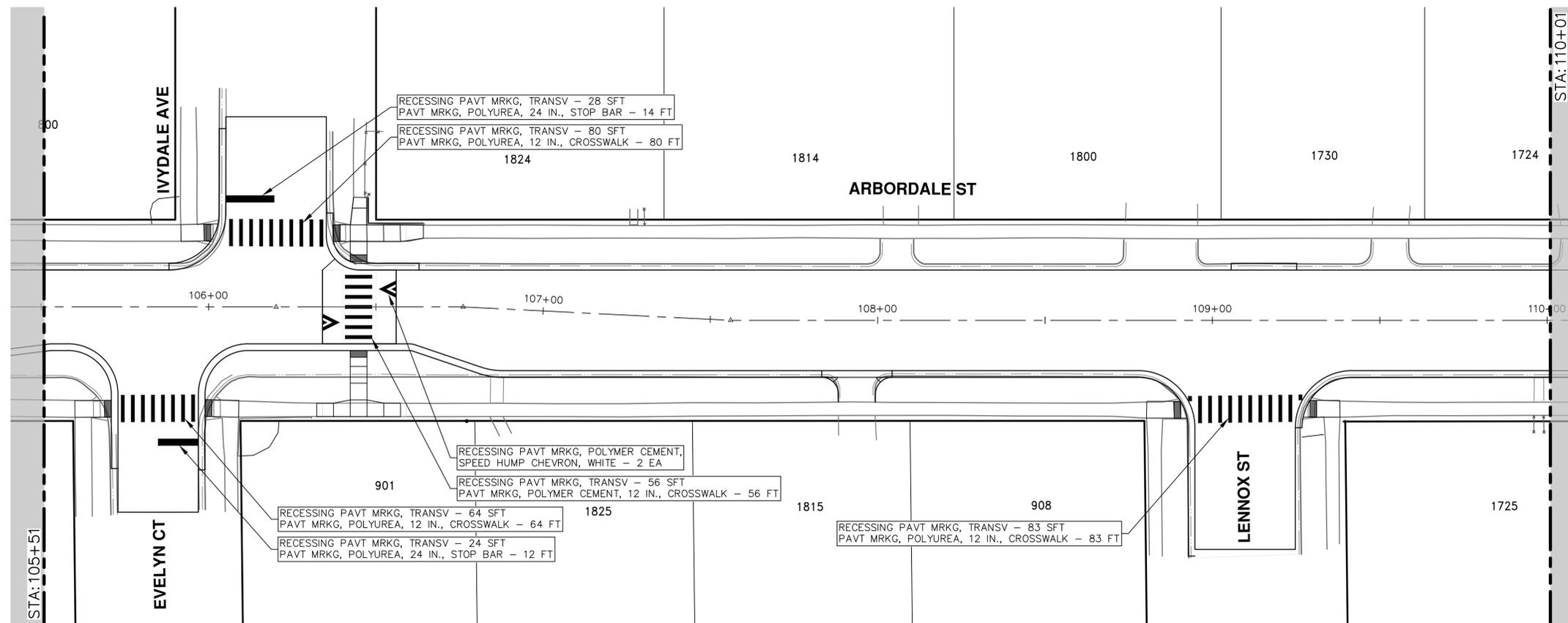
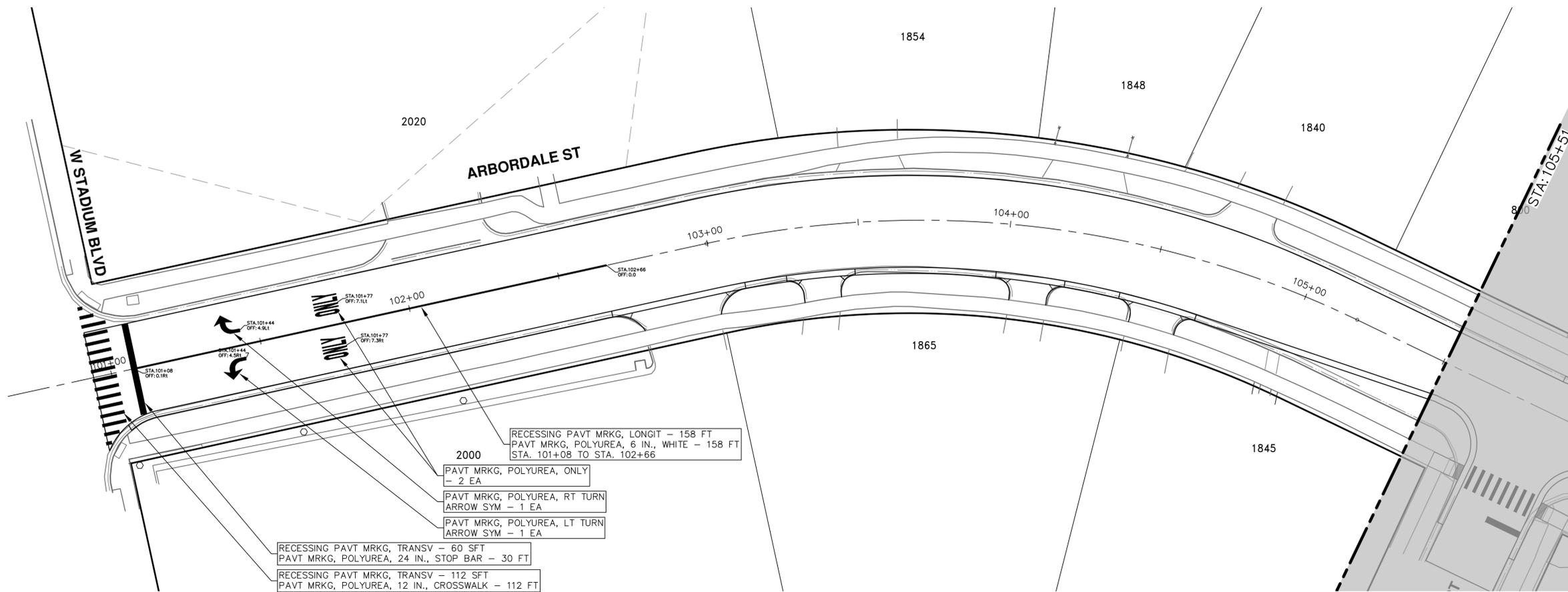
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ARBORDALE SHERWOOD WATER MAIN
ROAD PLAN & PROFILE - SHERWOOD ST
STA. 55+50 - STA. 59+50

SCALE PLAN: 1" = 20'
PROFILE: 1" = 2'
DRAWING NO. 2025011-40
SHEET NO. 40 OF 53

R:\2025011 Arbordale Sherwood WM Resurt\Plan Production\2025011Pmk.dwg Dwg Created: 4-Mar-26 - _a2 standard bw.stb - Plot Date: 6-Mar-26



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM No. 1	03-06-2026	A2D	
00	OUT FOR BID	02-19-2026	A2D	

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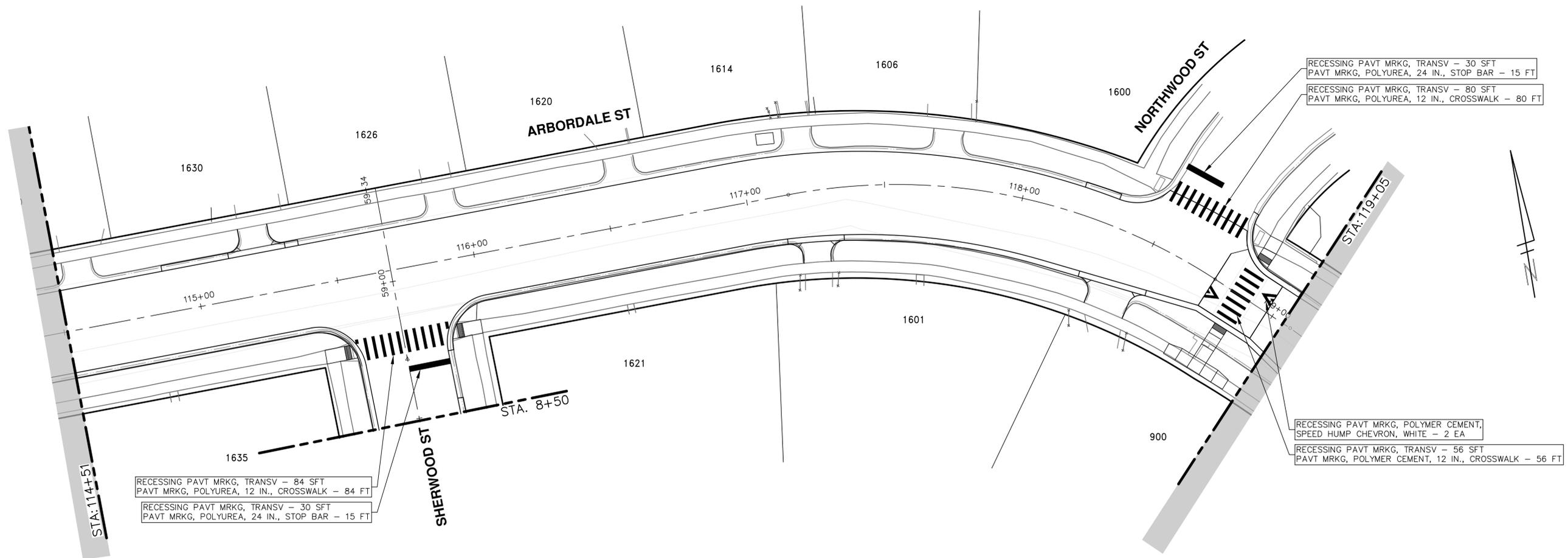
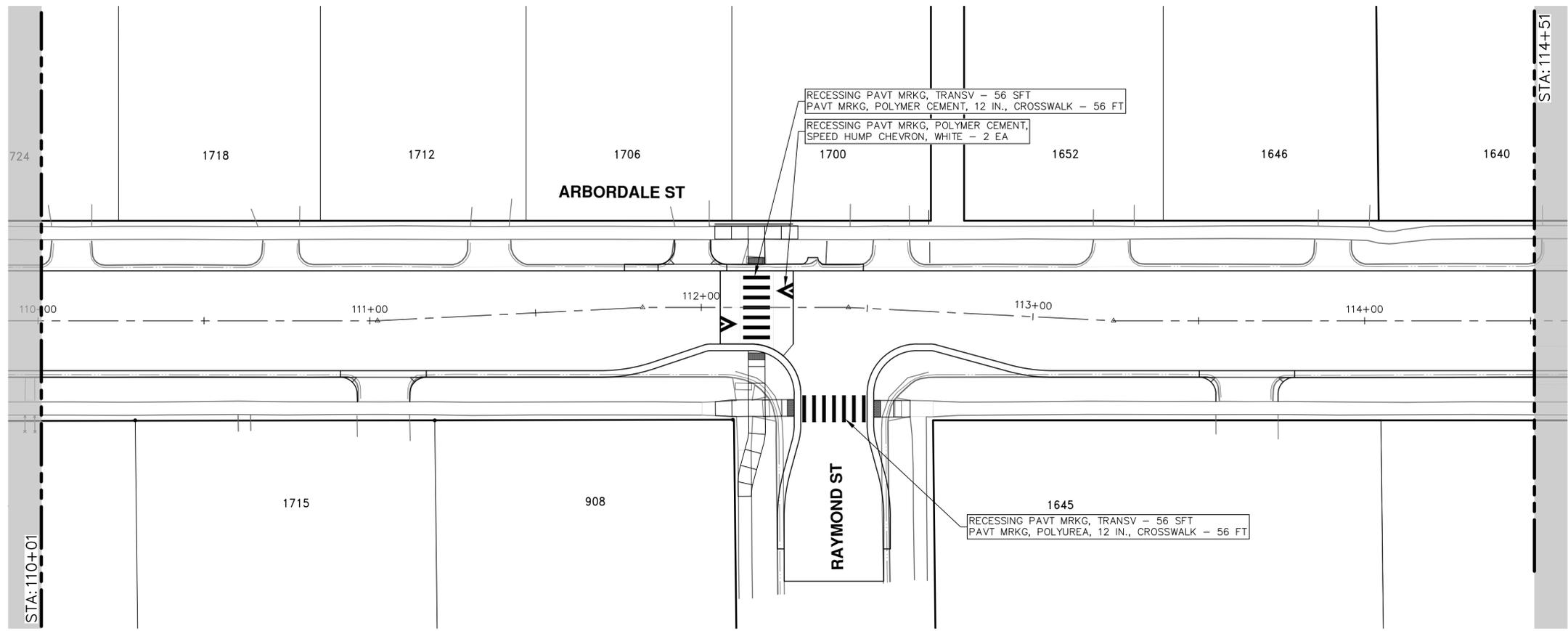


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ARBORDALE SHERWOOD WATER MAIN
PAVEMENT MARKINGS - ARBORDALE ST
P.O.B. - STA. 110+00

SCALE: 1" = 20'
DRAWING No. 2025011-41

SHEET No.

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Pmk.dwg Dwg Created: 4--Mar-26 -- _a2_standard bw.stb -- Plot Date: 6--Mar-26



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01 ADDENDUM No. 1
03-06-2026
02-19-2026
DATE

00 OUT FOR BID
00 REV

DESCRIPTION
DRAWN
CHECKED

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ARBORDALE SHERWOOD WATER MAIN

PAVEMENT MARKINGS - ARBORDALE ST

STA. 110+00 - STA. 119+00

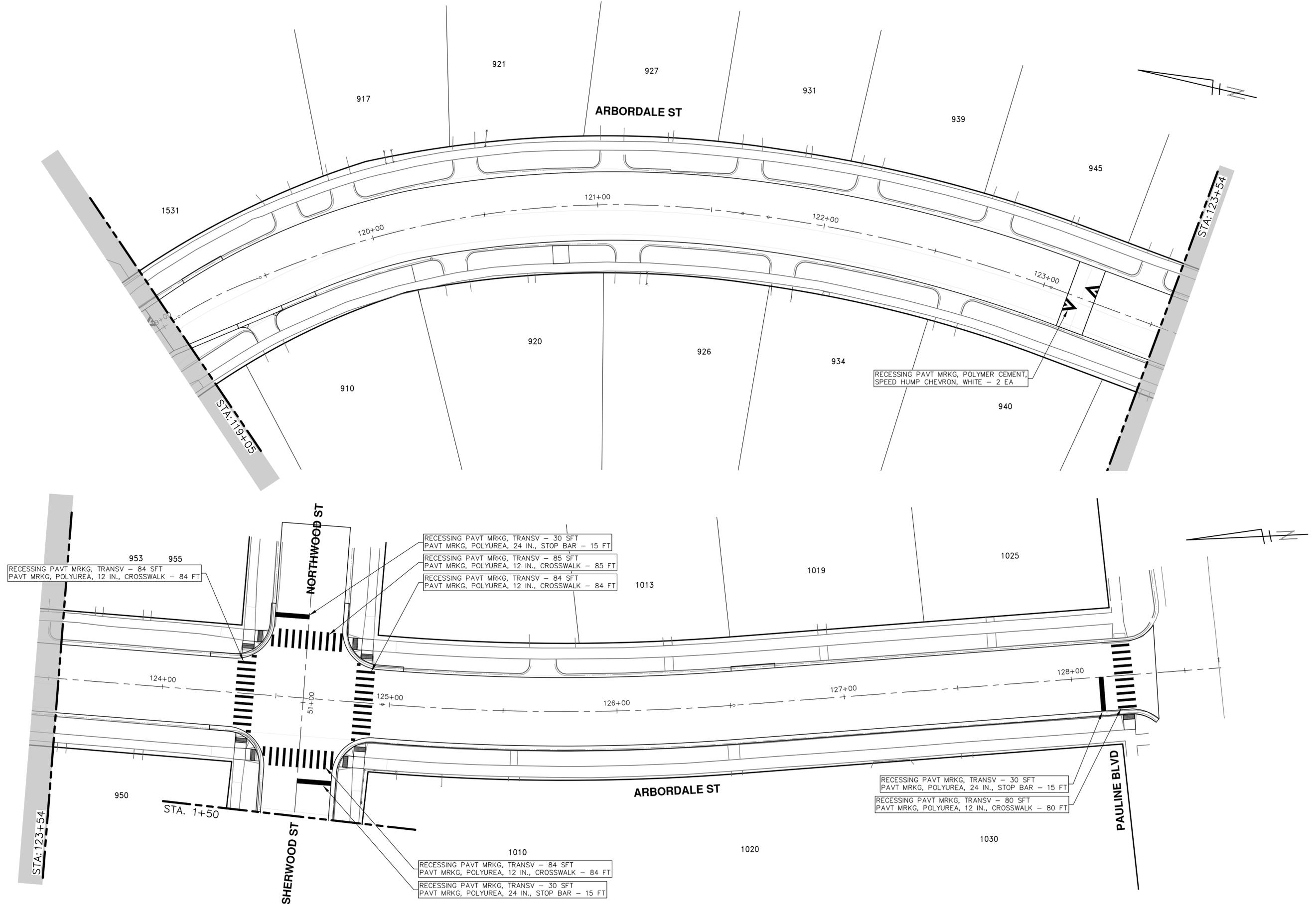
SCALE: 1" = 20'

DRAWING No. **2025011-42**

SHEET No. **42 OF 53**

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM No. 1	03-06-2026	A2D	NB/JD
00	OUT FOR BID	02-19-2026	A2D	NB/JD

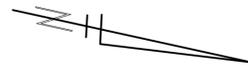
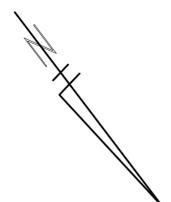
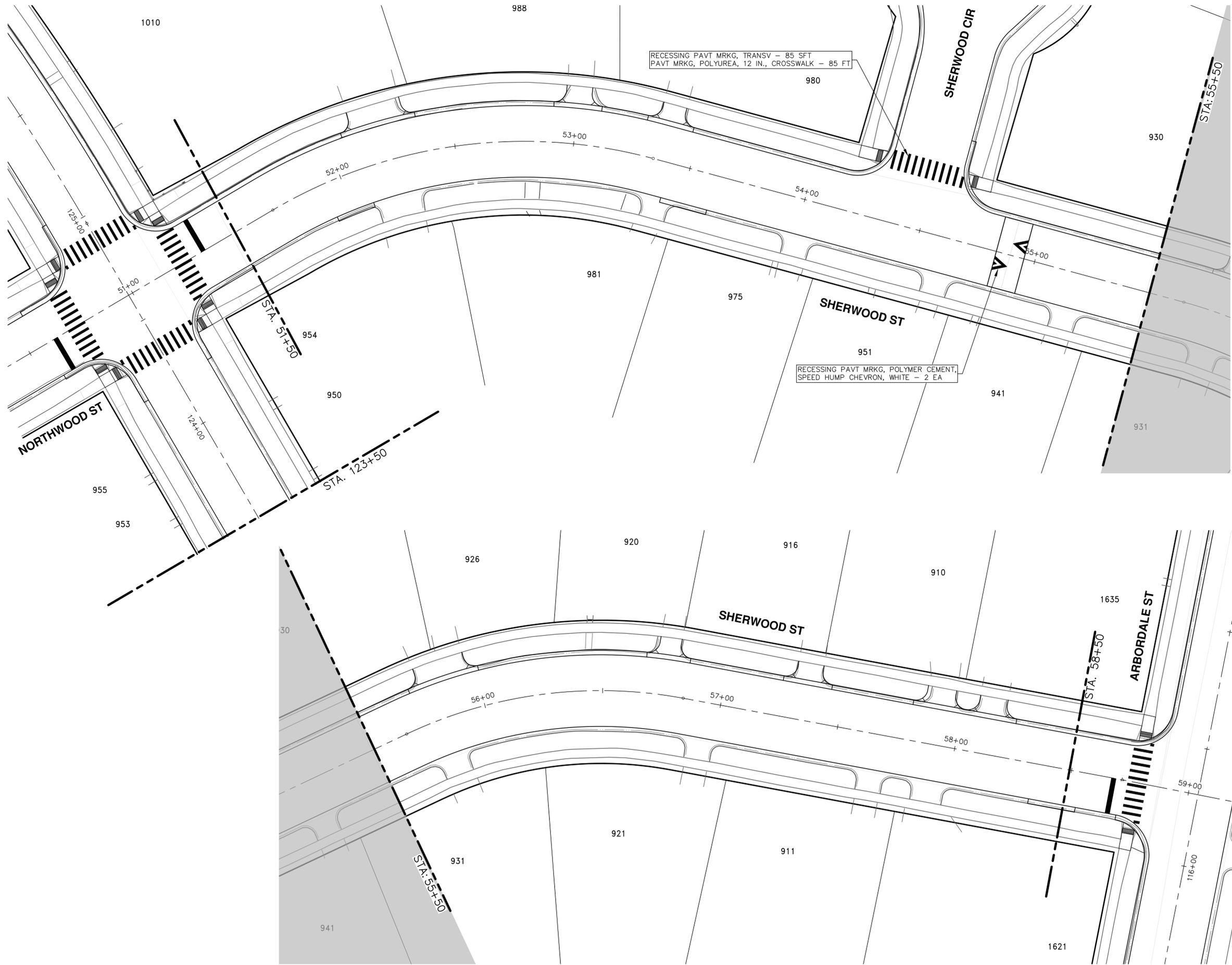
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ARBORDALE SHERWOOD WATER MAIN
PAVEMENT MARKINGS - ARBORDALE ST
STA. 119+00 - P.O.E.

SCALE: 1" = 20'
DRAWING No. 2025011-43

R:\2025011 Arbordale Sherwood WM Resurt\Plan Production\2025011Pmk.dwg Dwg Created: 4-Mar-26 - _a2 standard bw.stb - Plot Date: 6-Mar-26



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ARBORDALE SHERWOOD WATER MAIN

PAVEMENT MARKINGS - SHERWOOD ST

SCALE: 1" = 20'

DRAWING No. 2025011-44

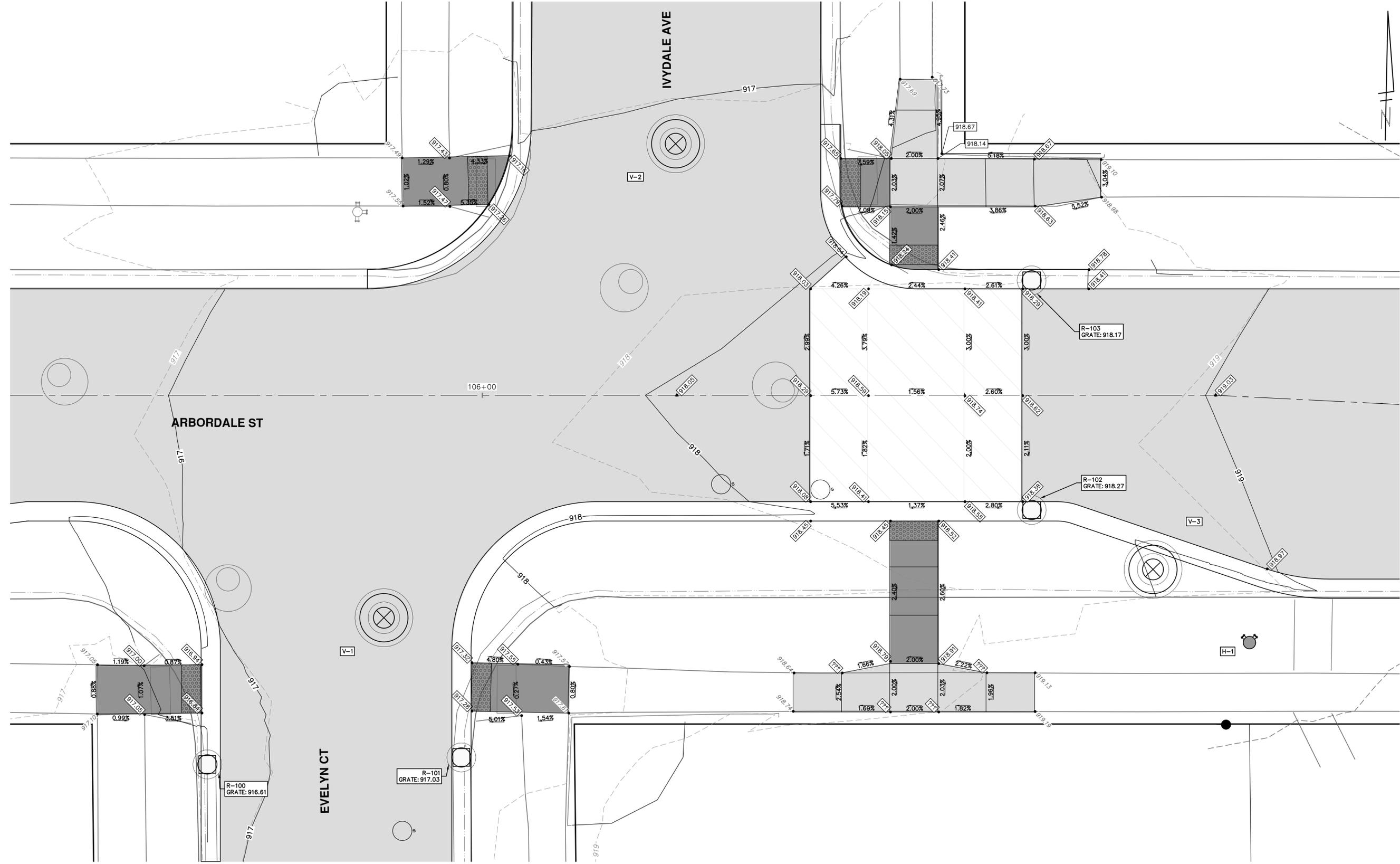
SHEET No. 44 OF 53

STA. 51+50 - STA. 58+50

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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00	OUT FOR BID	02-19-2026	A2D	NB/JD

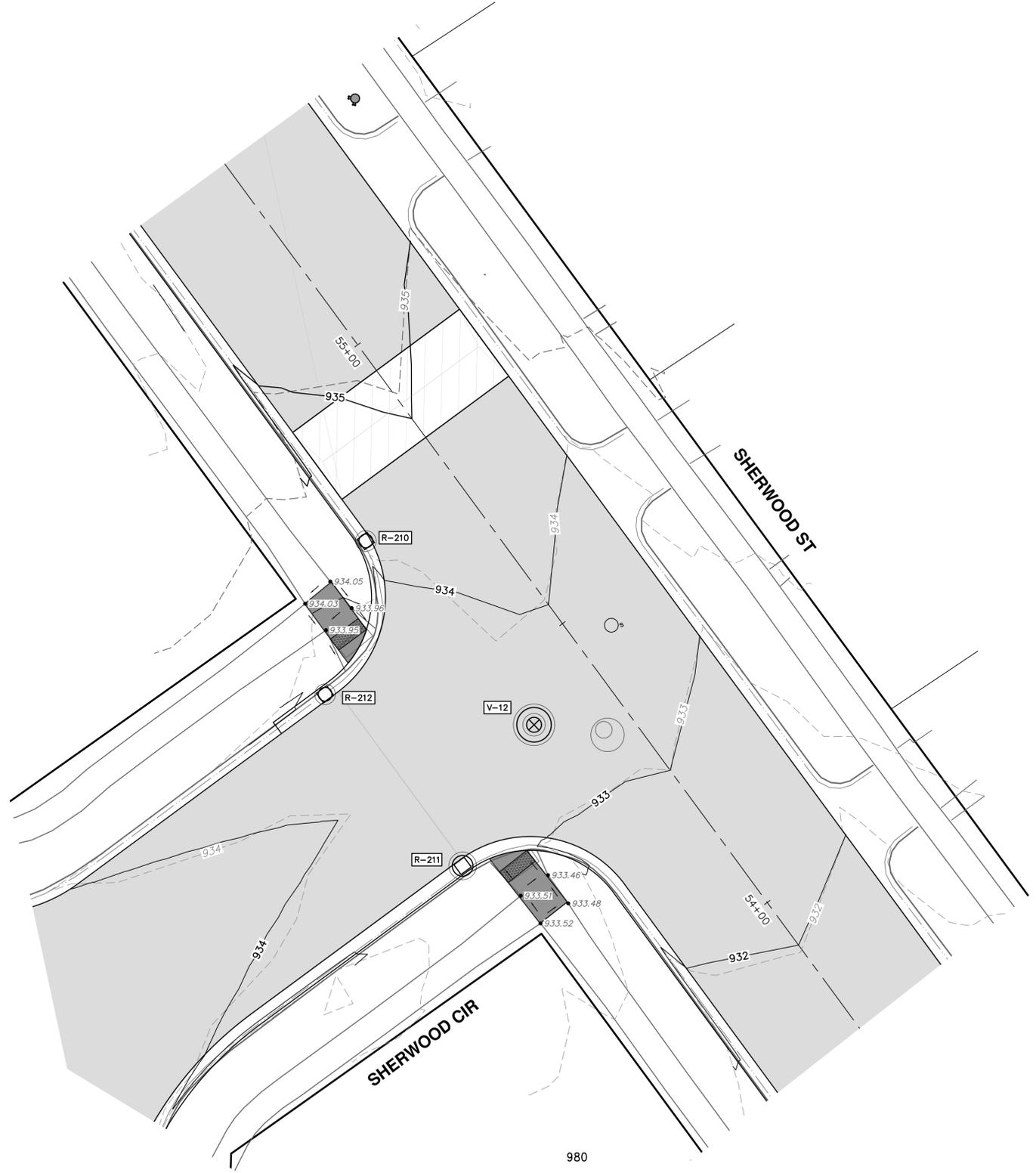
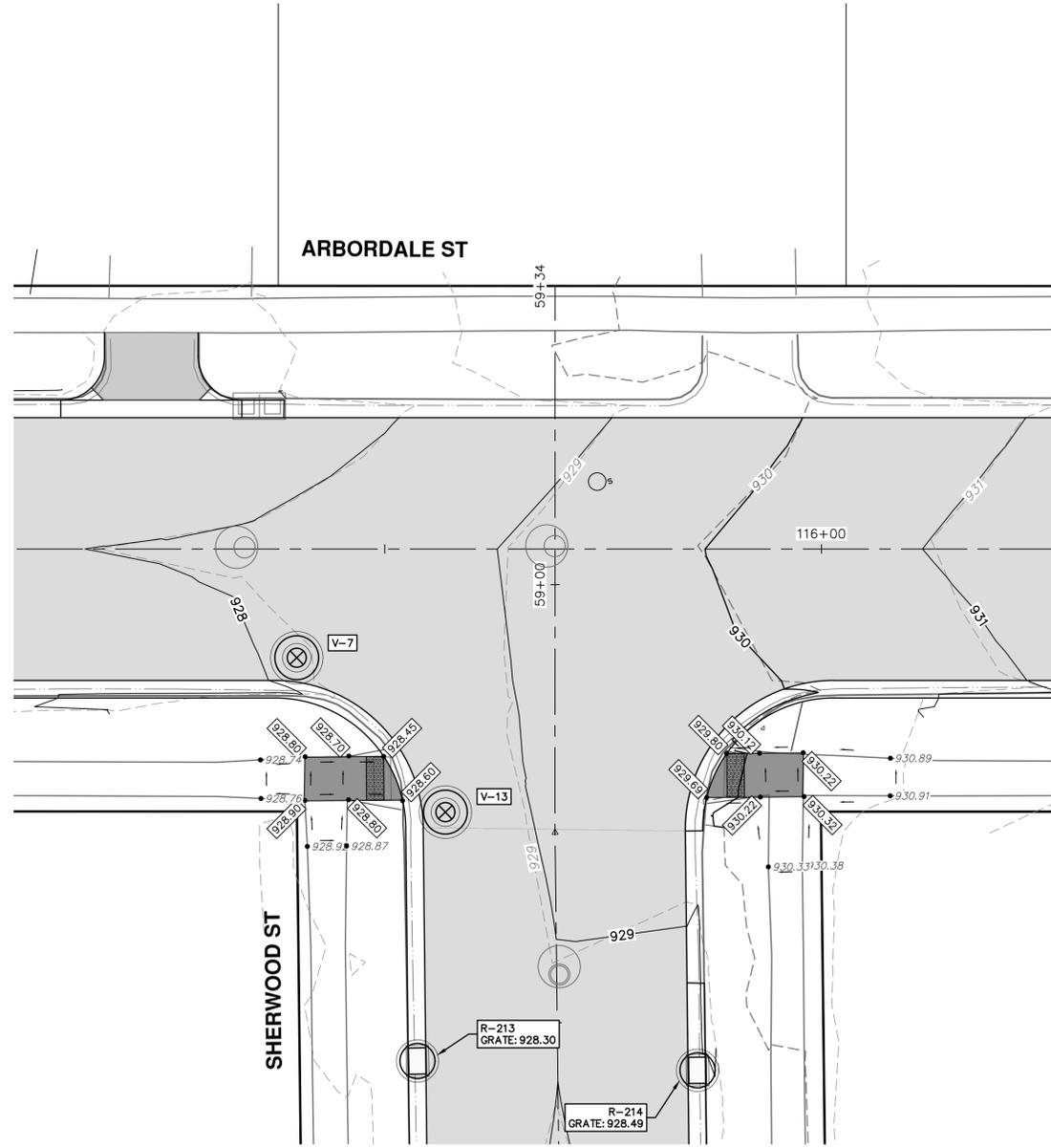
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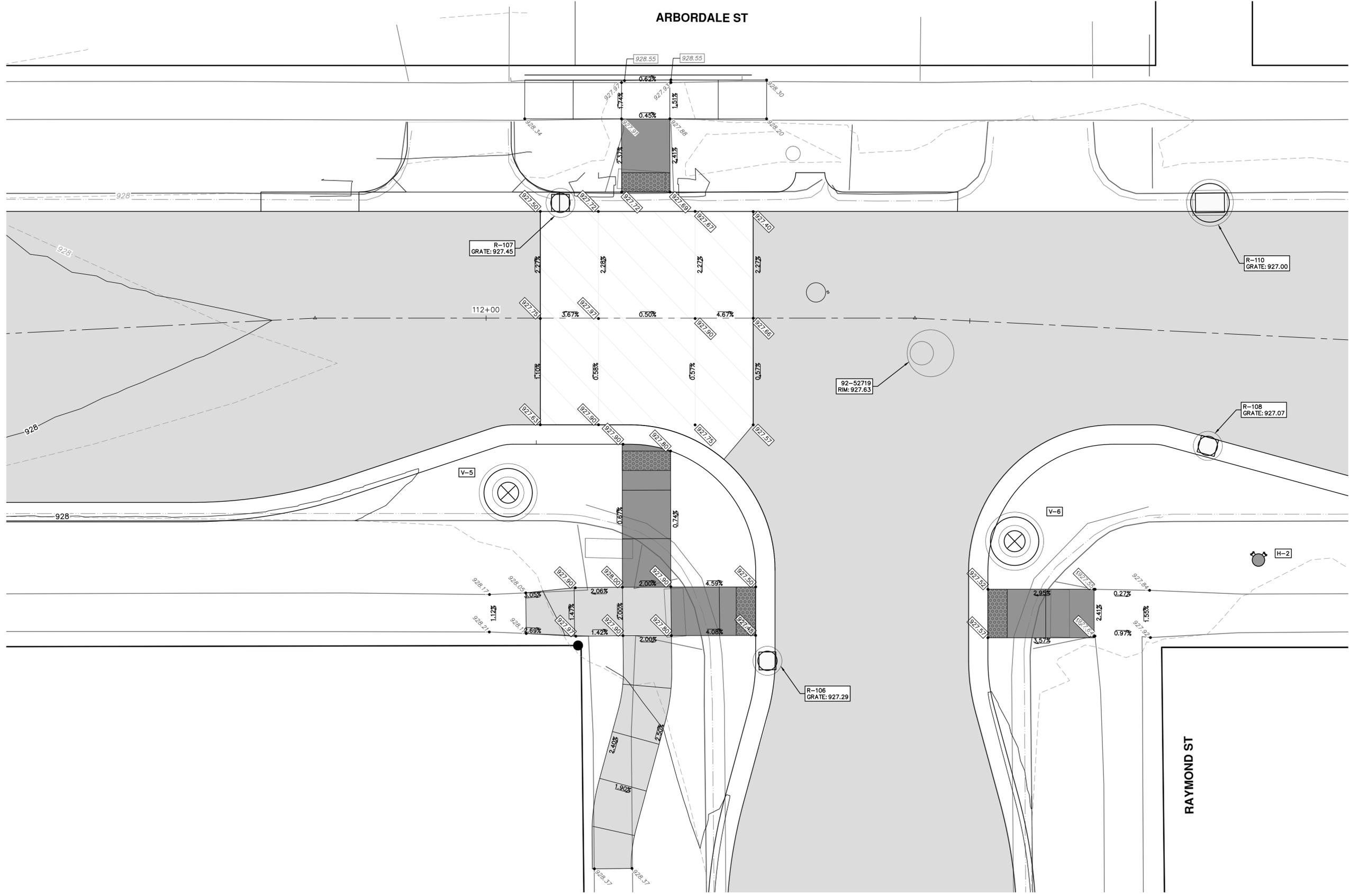
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00	OUT FOR BID	02-19-2026	A2D	NB/JD





REV.	DATE	DESCRIPTION	MB/JD	MB/JD
01	03-06-2026	ADDENDUM No. 1	A2D	MB/JD
00	02-19-2026	OUT FOR BID	A2D	MB/JD
			DRAWN	CHECKED

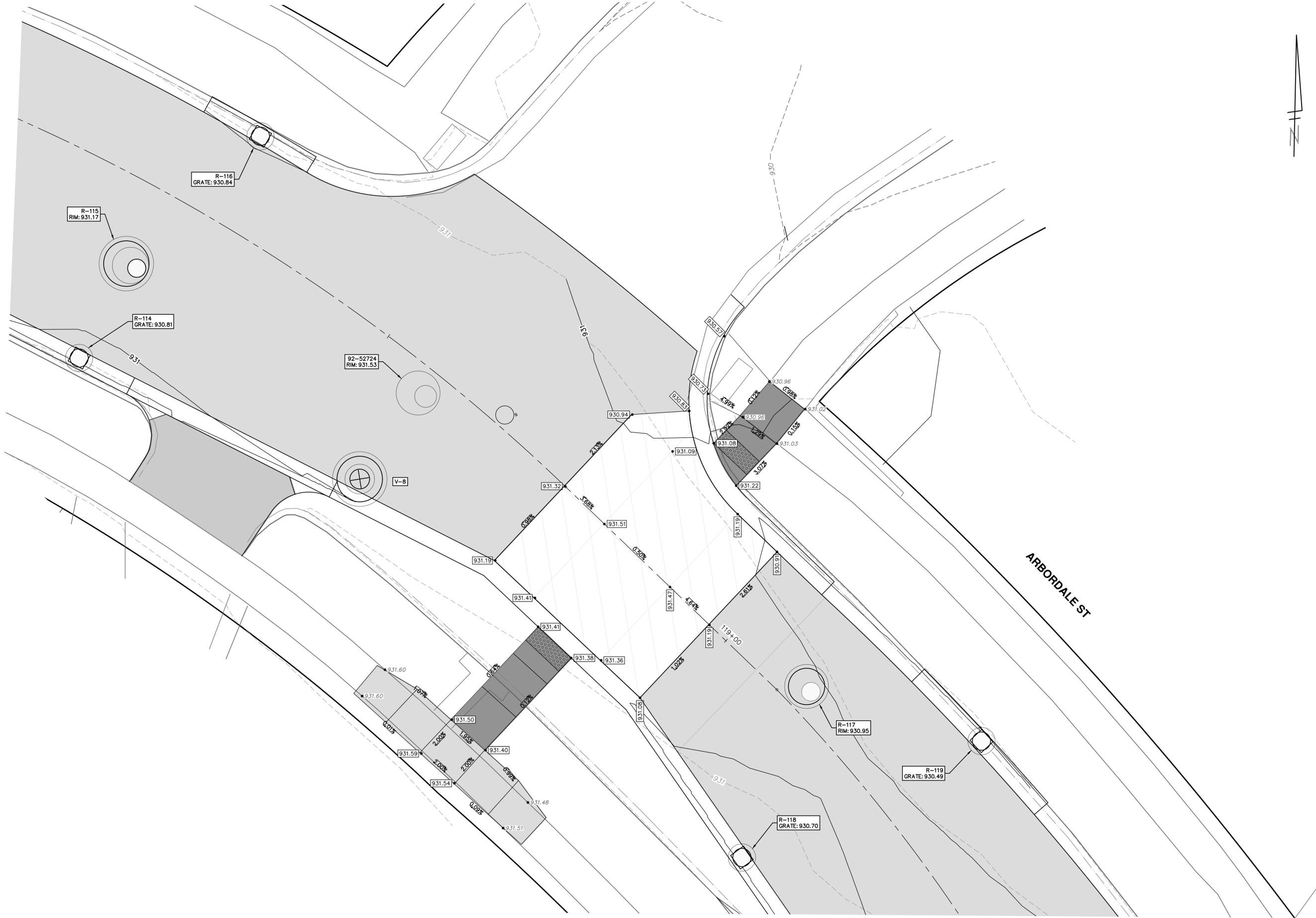
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<p>CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING ARBORDALE SHERWOOD WATER MAIN INTERSECTION GRADES ARBORDALE ST. AT RAYMOND ST.</p>	
SCALE PLAN: ##### DRAWING No. 2025011-47	SHEET No. 47 OF 53
<p>CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST HURON STREET ANN ARBOR, MI 48106-6647 www.a2gov.org</p>	
ADDENDUM No. 1 03-06-2026 A2D	NB/JD A2D
REV. 00 OUT FOR BID DATE 02-19-2026 DRAWN	REV. 01 CHECKED DATE

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ARBORDALE SHERWOOD WATER MAIN
 INTERSECTION GRADES
 ARBORDALE ST. AT NORTHWOOD ST.(N)

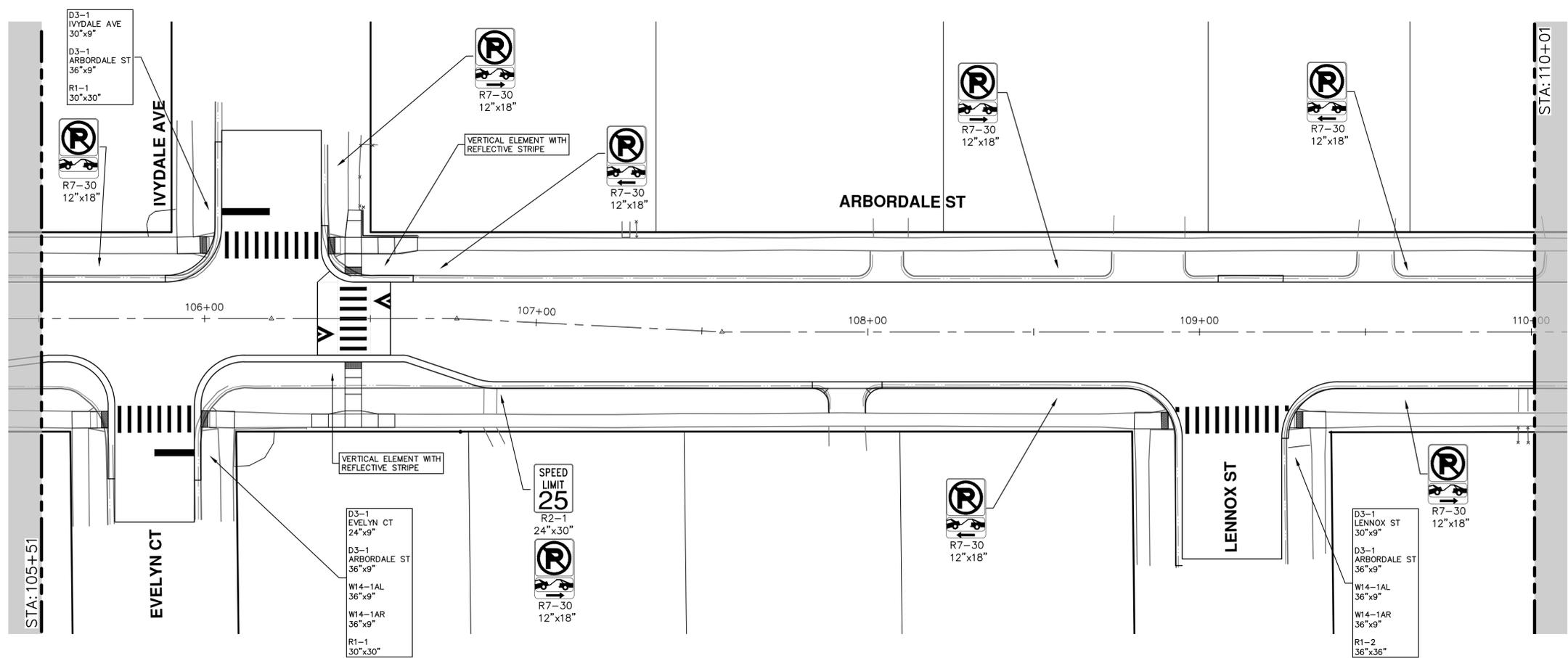
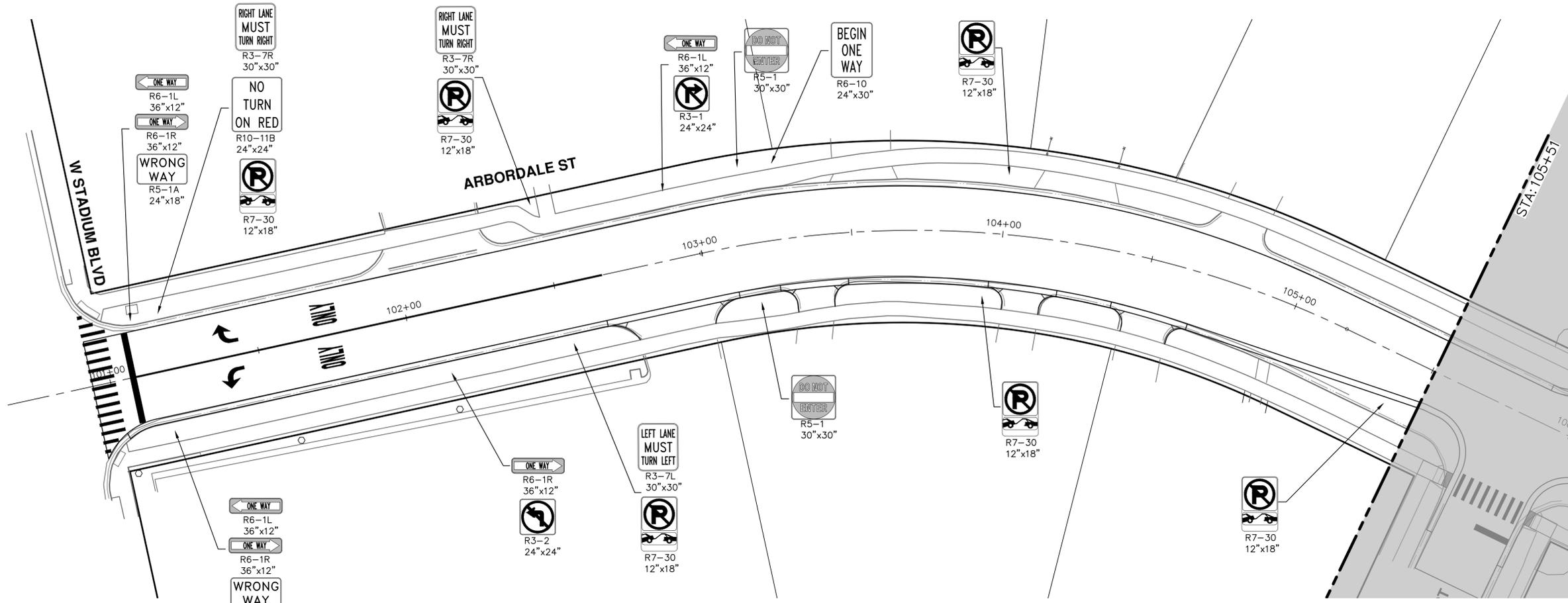


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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
01	ADDENDUM No. 1	03-06-2026	A2D	NB/JD
00	OUT FOR BID	02-19-2026	A2D	NB/JD



R:\2025011 Arbordale Sherwood WM Resurt\Plan Production\2025011Psgn.dwg Dwg Created: 10-Feb-26 - _o2 standard bw.stb - Plot Date: 6-Mar-26



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ARBORDALE SHERWOOD WATER MAIN

PERMANENT SIGNAGE - ARBORDALE ST

P.O.B. - STA. 110+00

SCALE: 1" = 20'

DRAWING No. 2025011-50

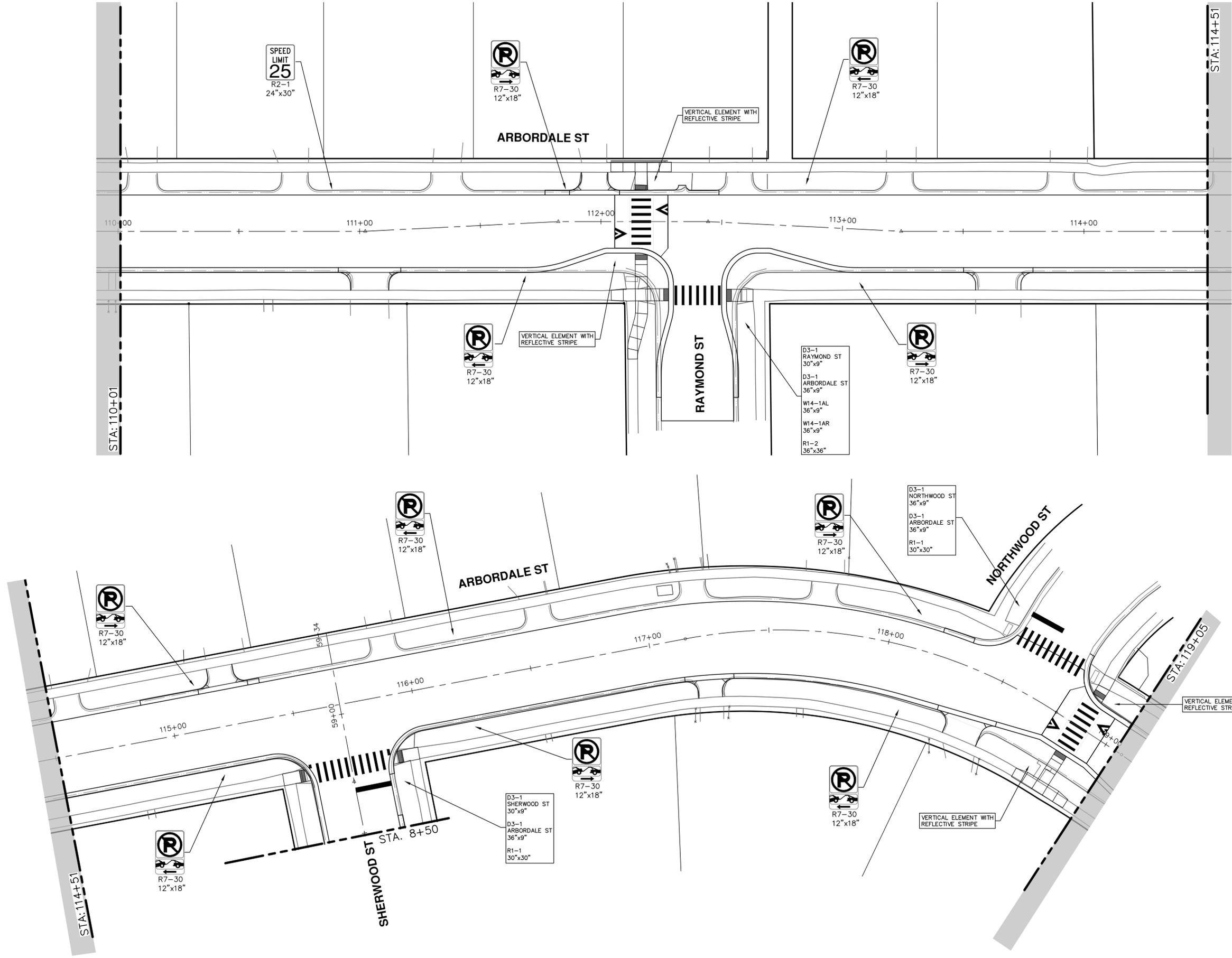
SHEET No. 50 OF 53

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01	03-06-2026	ADDENDUM No. 1	A2D	MB/JD
00	02-19-2026	OUT FOR BID	A2D	MB/JD

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ARBORDALE SHERWOOD WATER MAIN

PERMANENT SIGNAGE - ARBORDALE ST

SCALE: 1" = 20'

DRAWING No. 2025011-51

SHEET No. 51 OF 53

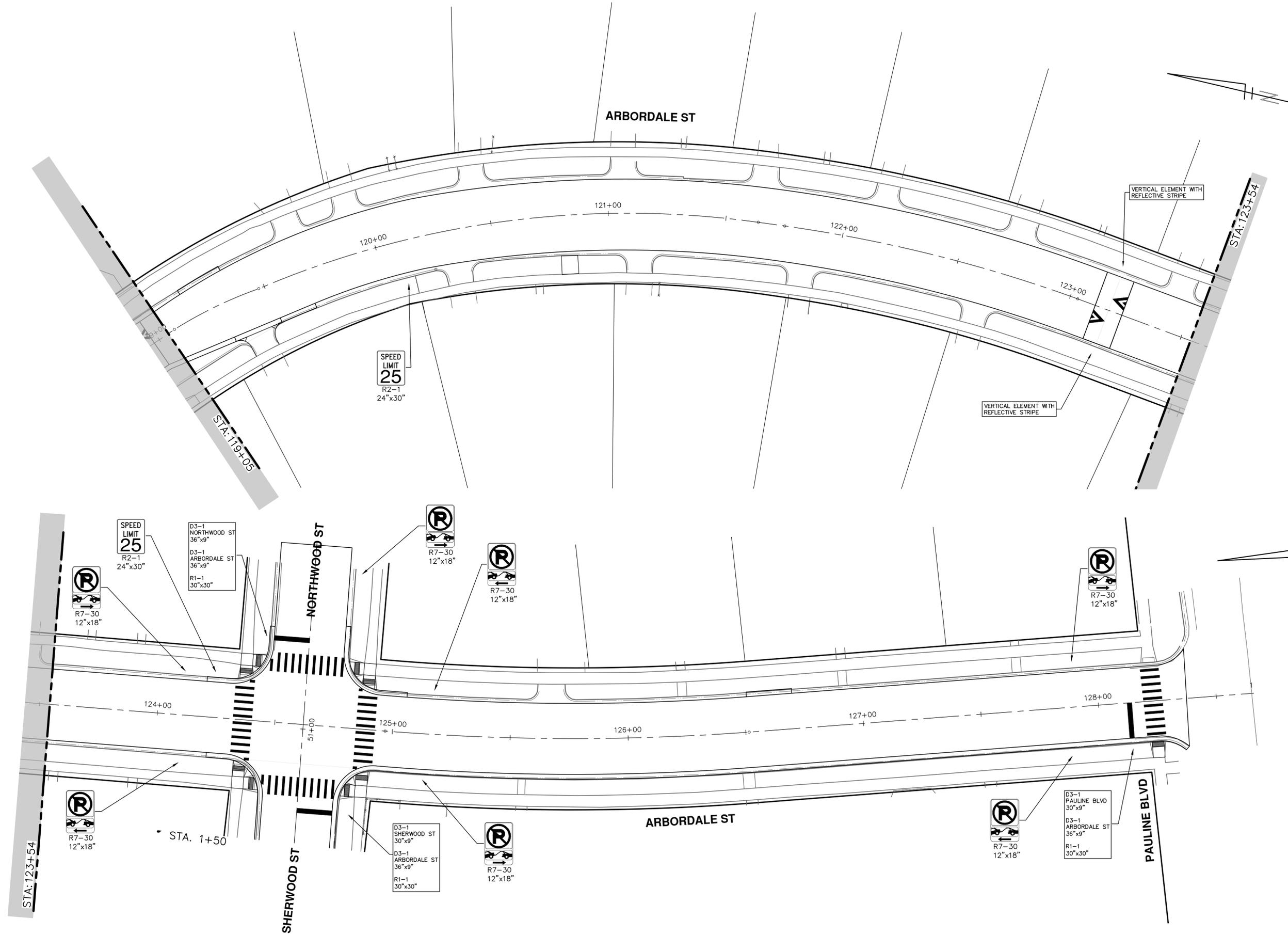
STA. 110+00 - STA. 119+00

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REV.	DATE	DRAWN	CHECKED	DESCRIPTION
01	03-06-2026	A2D	NB/JD	ADDENDUM No. 1
00	02-19-2026	A2D	NB/JD	OUT FOR BID

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REV.	DATE	DESCRIPTION	DRAWN	CHECKED
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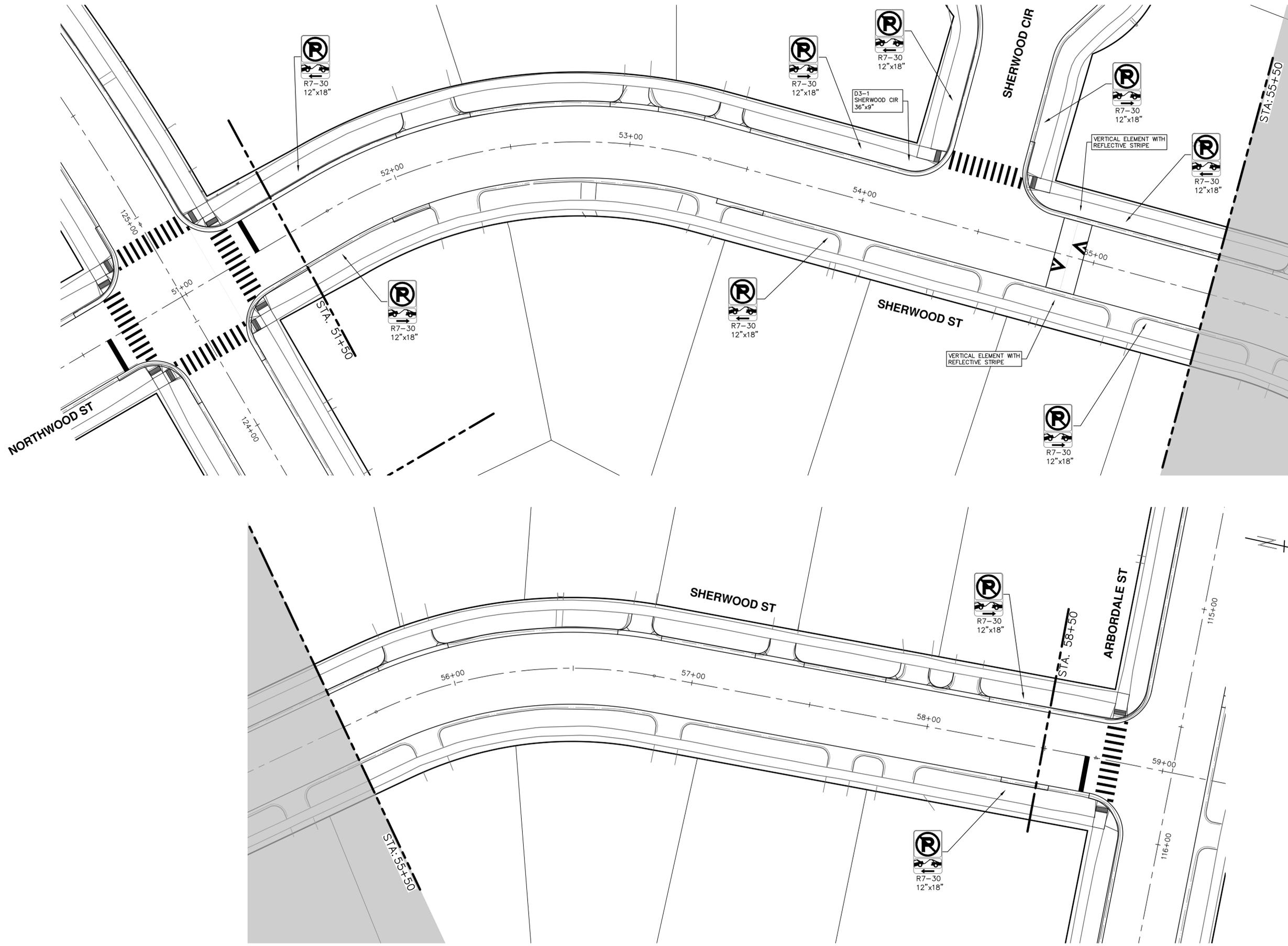
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PERMANENT SIGNAGE - ARBORDALE ST
STA. 119+00 - P.O.E.

SCALE: 1" = 20'
DRAWING No. 2025011-52

R:\2025011 Arbdale Sherwood WM Resurf\Plan Production\2025011Psgn.dwg Dwg Created: 10-Feb-26 - _o2_standard bw.stb - Plot Date: 6-Mar-26



REV.	DATE	DESCRIPTION	DRAWN	CHECKED
01	03-06-2026	ADDENDUM No. 1	A2D	NB/JD
00	02-19-2026	OUT FOR BID	A2D	NB/JD

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PERMANENT SIGNAGE - SHERWOOD ST

SCALE: 1" = 20'
DRAWING No. 2025011-53

SHEET No. 53 OF 53