



# CITY OF ANN ARBOR ENGINEERING

## ARBORDALE SHERWOOD WATER MAIN

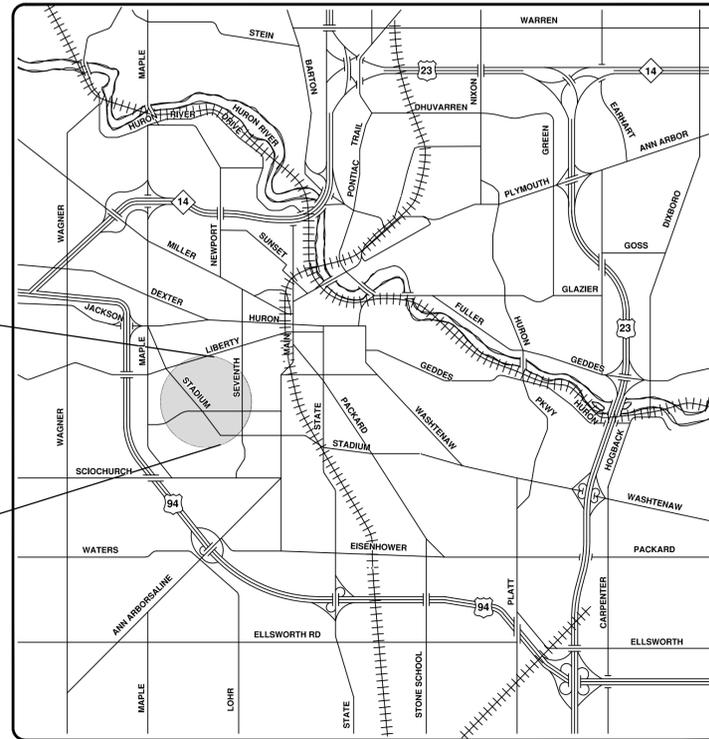
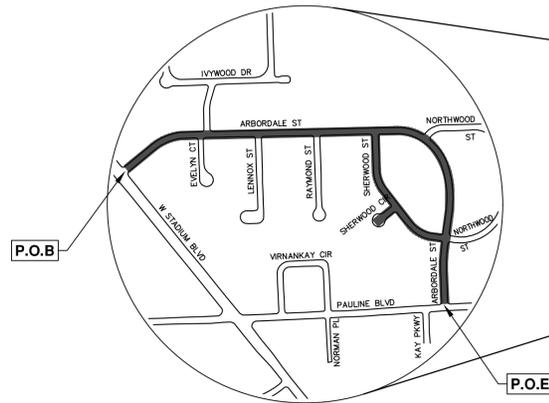
### NOTES

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

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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
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18	Water 24+50 to 28+00
19	Water 28+00 to 31+50
20	Water 31+50 to 35+00
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Water Main Plan & Profile - Sherwood St	
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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
Road Plan & Profile - Arbordale St	
32	P.O.B. - Sta. 105+50
33	Sta. 105+50 - Sta. 110+00
34	Sta. 110+00 - Sta. 114+50
35	Sta. 114+50 - Sta. 119+00
36	Sta. 119+00 - Sta. 123+50
37	Sta. 123+50 - P.O.E.
Road Plan & Profile - Sherwood St	
38	Sta. 51+00 - Sta. 55+50
39	Sta. 55+50 - Sta. 58+50
Pavement Markings - Arbordale St	
40	P.O.B. - Sta. 110+00
41	Sta. 110+00 - Sta. 119+00
42	Sta. 119+00 - P.O.E.
Pavement Markings - Sherwood St	
43	Sta. 51+50 - Sta. 58+50
Intersection Grades	
44	Arbordale St. @ Evelyn Ct., Ivydale Ave., Lennox St.
45	Arbordale St. @ Raymond St., Sherwood St.
46	Arbordale St. @ Northwood St.(N), Sherwood St. @ Sherwood Ct.
47	Arbordale St. @ Northwood St.(S), Pauline Blvd.
Permanent Signage - Arbordale St	
48	P.O.B. - Sta. 110+00
49	Sta. 110+00 - Sta. 119+00
50	Sta. 119+00 - P.O.E.
Permanent Signage - Sherwood St	
51	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



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

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 E. GAY ST., ROOM 157  
ANN ARBOR, MI 48107-8847  
734-794-6410  
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CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING  
THIS PROJECT INCLUDES WATER MAIN REPLACEMENT, STORM SEWER IMPROVEMENTS, RUMP 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 51

© ARBORDALE SHERWOOD WATER MAIN; RFP No. 26-17; 2025011

**CONSTRUCTION NOTES:**

- 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.
- The location and depth of all existing utilities and service leads are to be field verified by the Contractor prior to construction.
- 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.
- The Contractor is to take special care to protect the existing water main and be responsible for maintaining consistent water service.
- 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".
- Trenches for new water services shall be excavated to MIOSHA and City of Ann Arbor Public Works requirements.
- 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.
- 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.
- 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.
- 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.
- "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.
- Postal delivery and refuse pickup service shall be maintained at all times by the Contractor.
- 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.
- Where street curbs are undermined due to construction activities, they shall be removed and replaced as directed by the Engineer.
- 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".
- All curb, sidewalk, driveway approach removals shall be approved by Engineer before the work is done.
- The location of material stock piles and on-site staging areas to be approved by the Engineer.
- 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.
- 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		
SANITARY		
STORM	CITY OF ANN ARBOR PUBLIC WORKS W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	(734) 794-6350
FORESTRY		
SIGNS SIGNALS STREET LIGHTS		MARK MORENO (734) 794-6361
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

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Cov.dwg - \_a02 standard bw.stb - Plot Date: 2/19/2026 1:28:34 PM



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

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301 E. HURON STREET  
ANN ARBOR, MI 48107-8847  
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**ARBORDALE SHERWOOD WATER MAIN**

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

SCALE: NTS

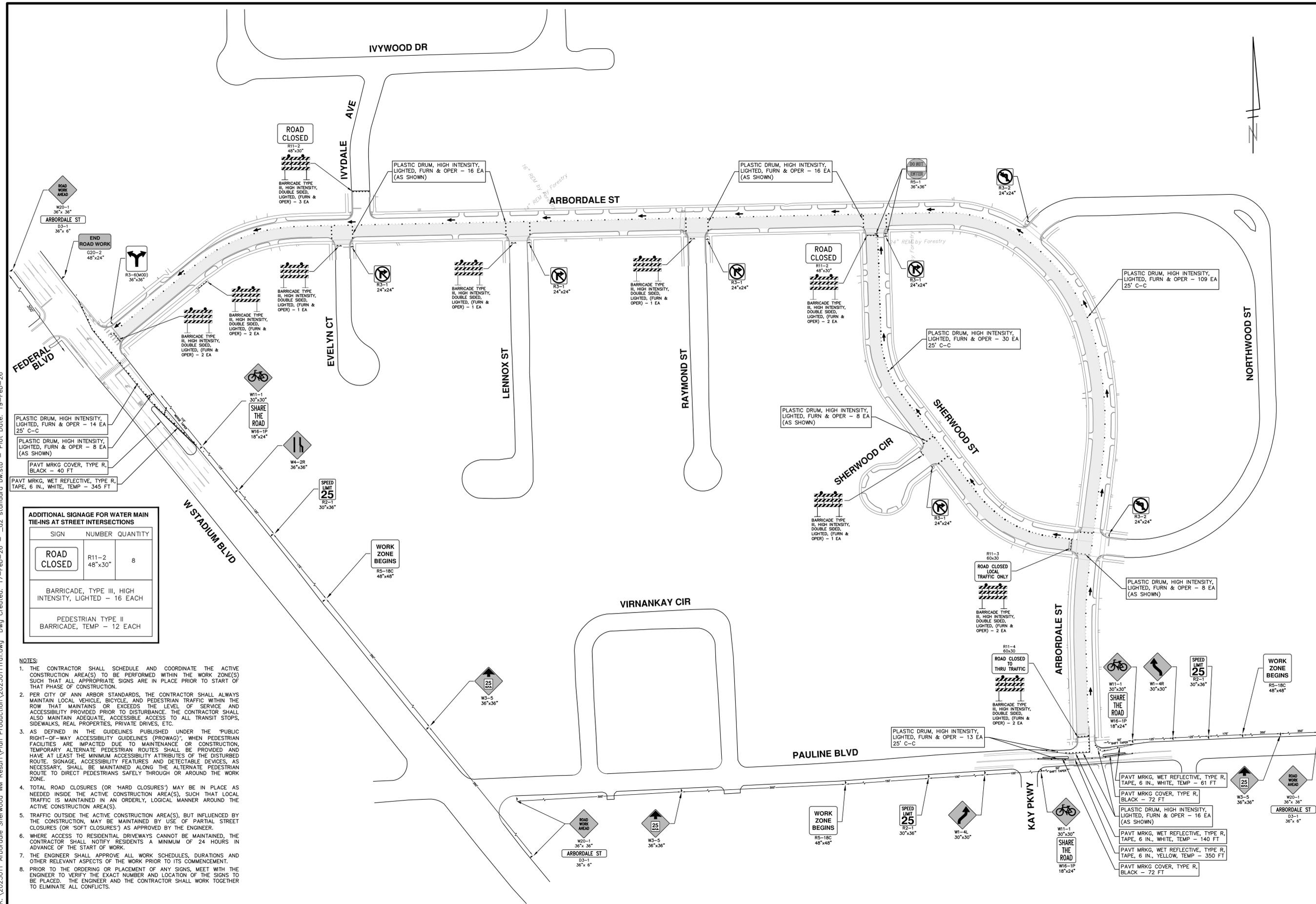
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2025011-2

SHEET No.

STANDARD NOTES



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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:**
- 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.
  - 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.
  - 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.
  - 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).
  - 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.
  - 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.
  - THE ENGINEER SHALL APPROVE ALL WORK SCHEDULES, DURATIONS AND OTHER RELEVANT ASPECTS OF THE WORK PRIOR TO ITS COMMENCEMENT.
  - 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.



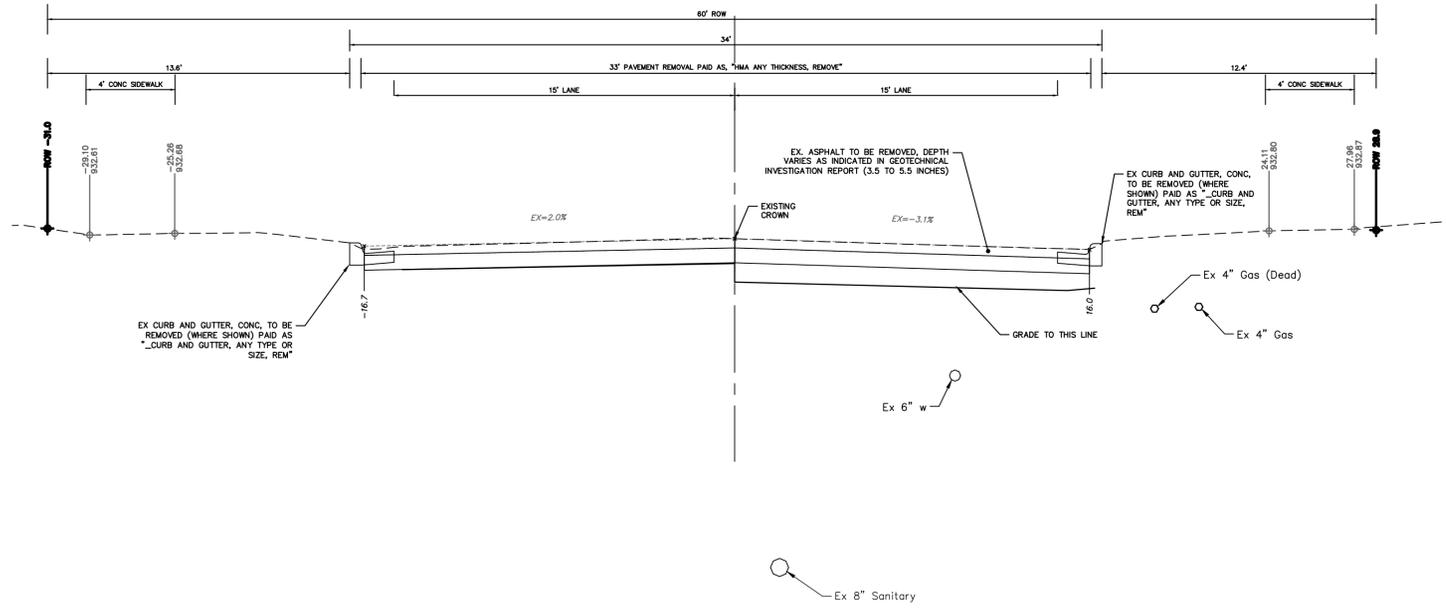
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		OUT FOR BID		



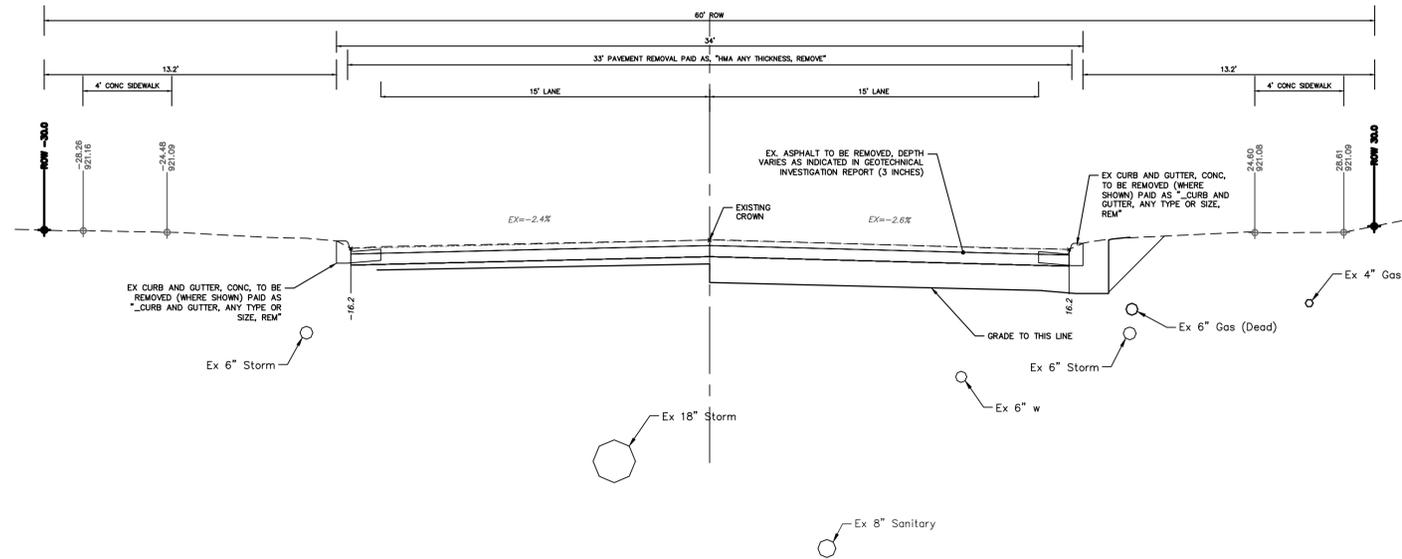
**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
 SCALE PLAN: 1" = 80'  
 DRAWING NO. 2025011-4  
 SHEET NO. 4 OF 51

TRAFFIC CONTROL

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



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



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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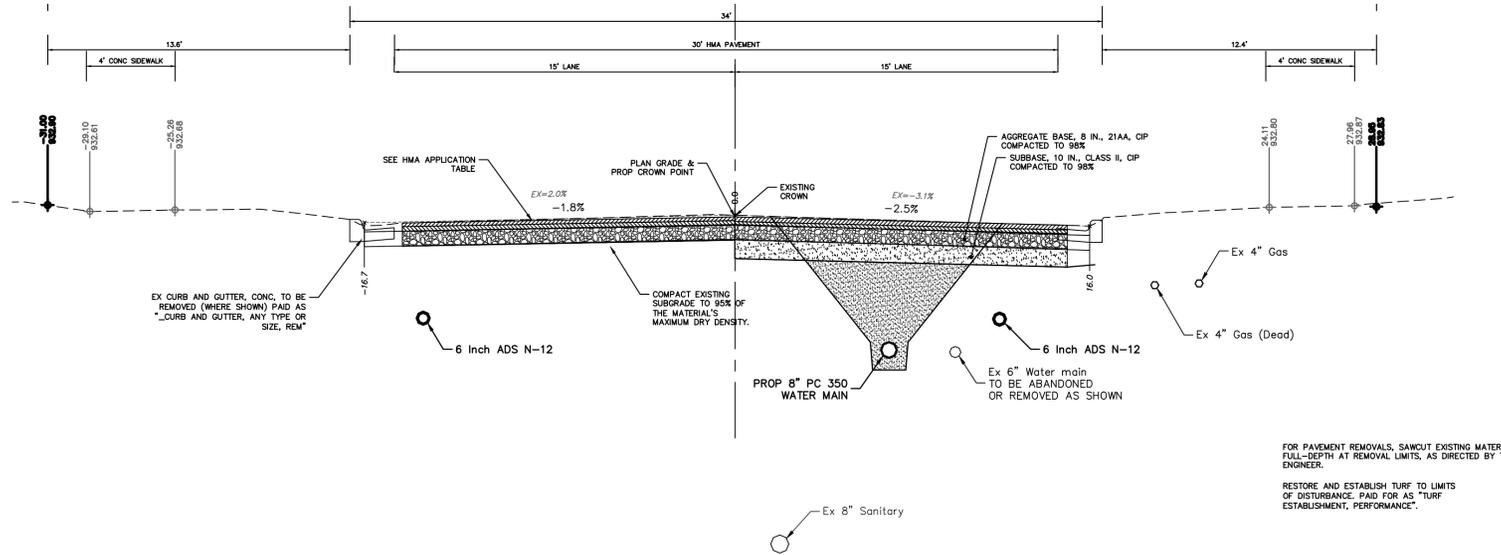
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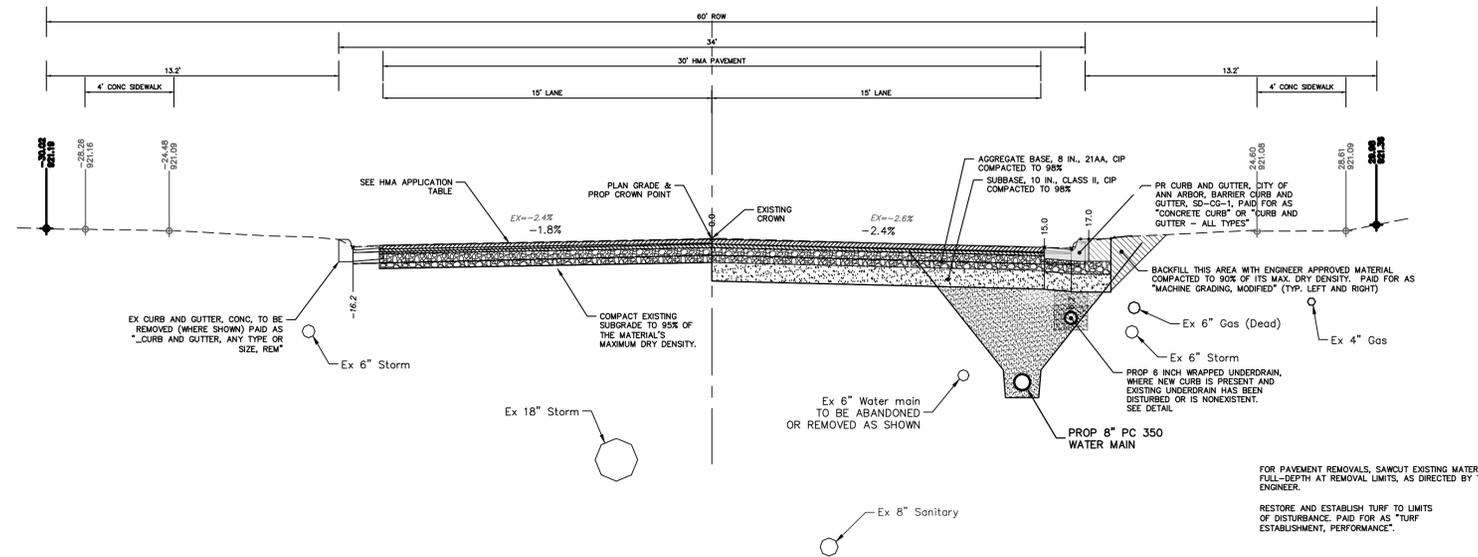
**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
TYPICAL SECTIONS  
ARBORDALE ST - EXISTING SECTION

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.

FOR PAVEMENT REMOVALS, SAWCUT EXISTING MATERIAL FULL-DEPTH AT REMOVAL LIMITS, AS DIRECTED BY THE ENGINEER.  
RESTORE AND ESTABLISH TURF TO LIMITS OF DISTURBANCE. PAID FOR AS "TURF ESTABLISHMENT, PERFORMANCE".

FOR PAVEMENT REMOVALS, SAWCUT EXISTING MATERIAL FULL-DEPTH AT REMOVAL LIMITS, AS DIRECTED BY THE ENGINEER.  
RESTORE AND ESTABLISH TURF TO LIMITS OF DISTURBANCE. PAID FOR AS "TURF ESTABLISHMENT, PERFORMANCE".

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
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING 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



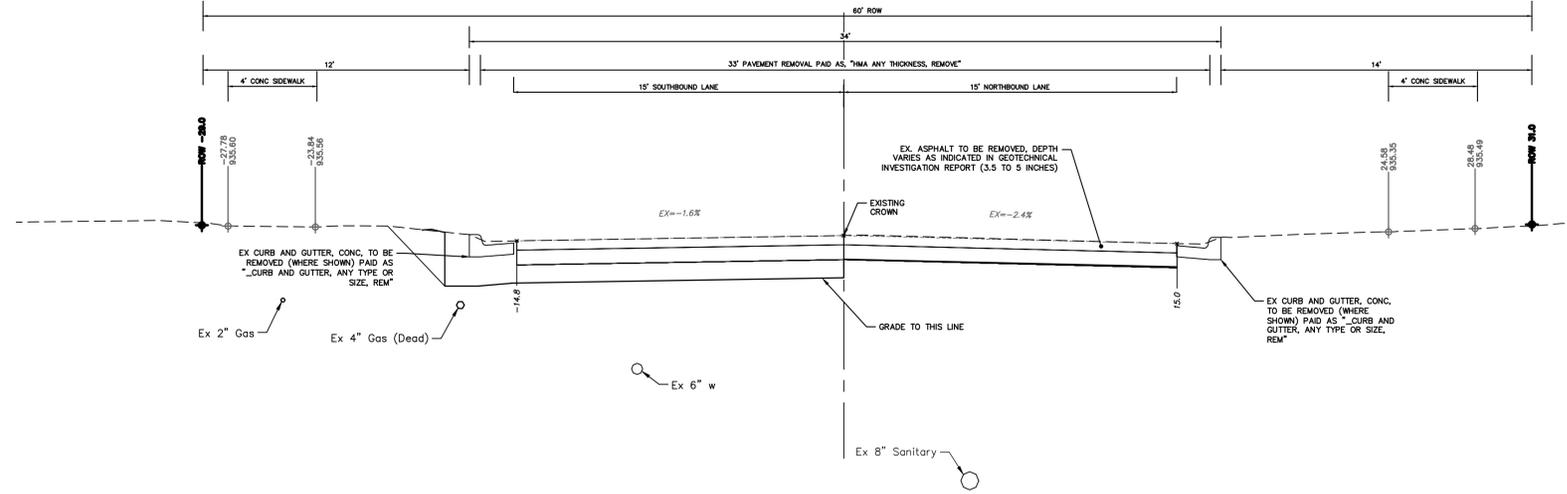
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
TYPICAL SECTIONS  
ARBORDALE ST - PROPOSED SECTION

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



**SHERWOOD STREET  
TYPICAL SECTION**



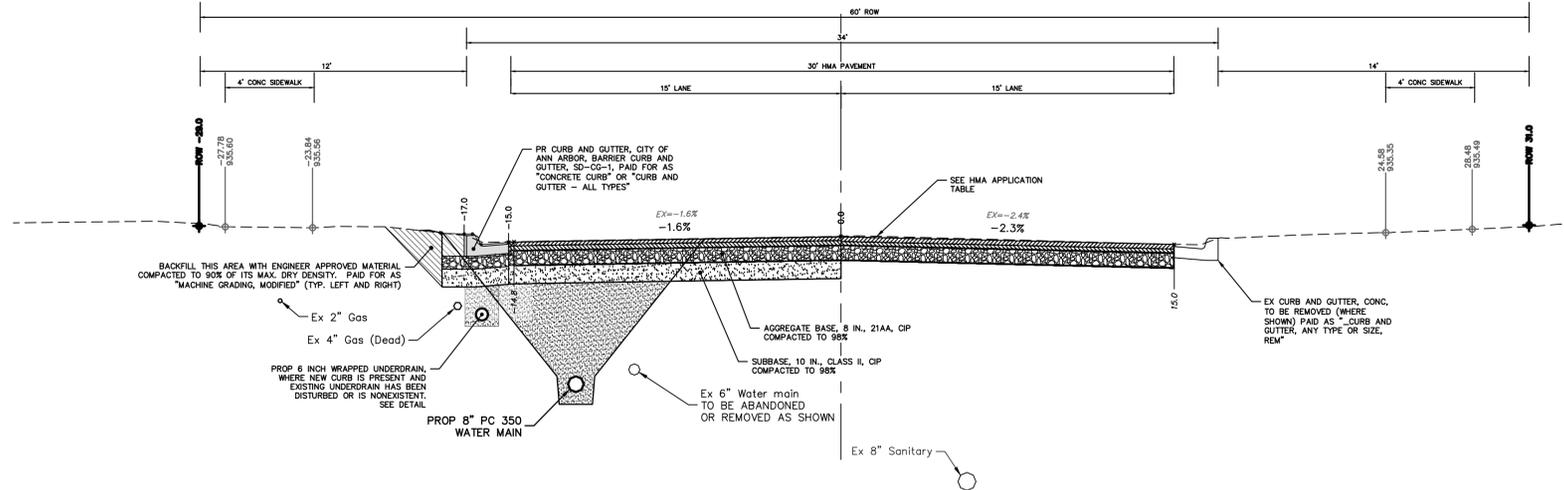
CITY OF ANN ARBOR  
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
TYPICAL SECTIONS  
SHERWOOD ST - EXISTING SECTION

SCALE PLAN: 1" = 4'  
PROFILE: 1" = 4'  
DRAWING No.  
2025011-7

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



**SHERWOOD STREET  
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
HMA APPROACH LEVELING	4EL	220 LB/SYD	2	-	PG 58-28	LEVELING 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

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**ARBORDALE SHERWOOD WATER MAIN**

TYPICAL SECTIONS

SHERWOOD ST - PROPOSED SECTION

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

CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST BROADWAY STREET  
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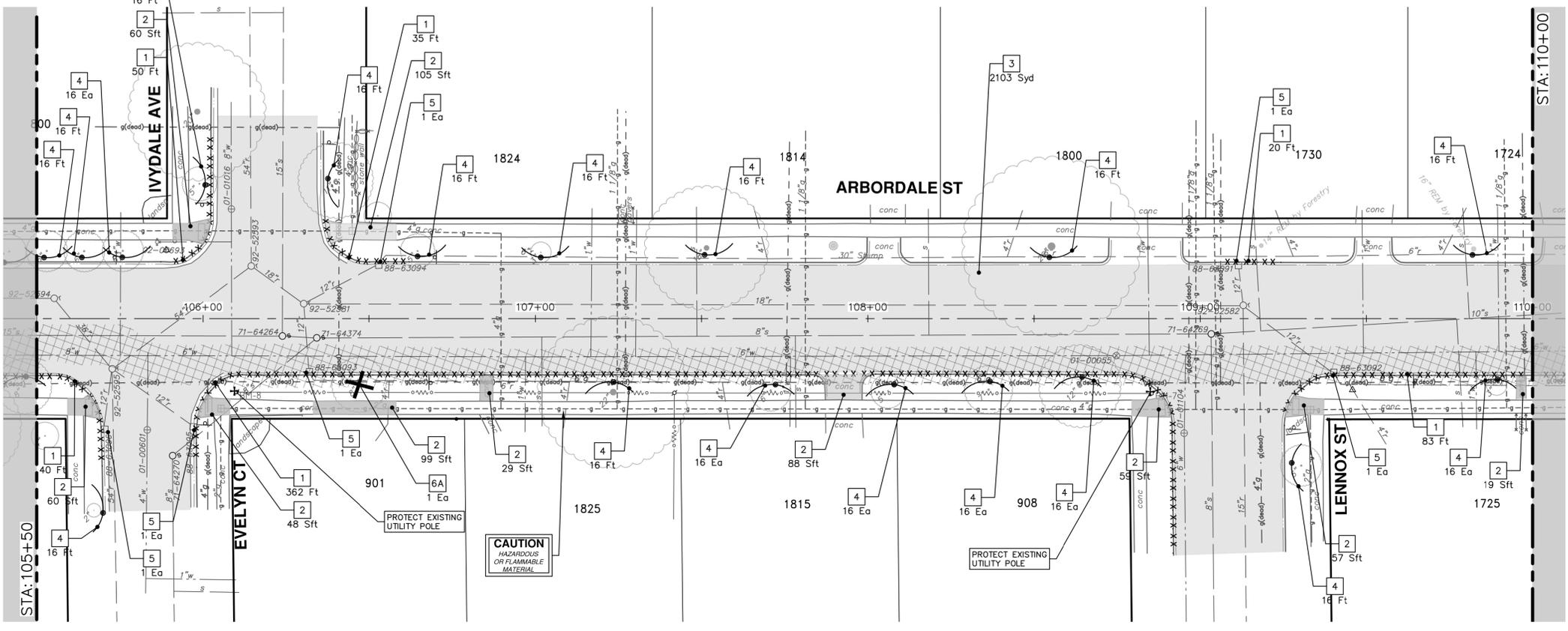
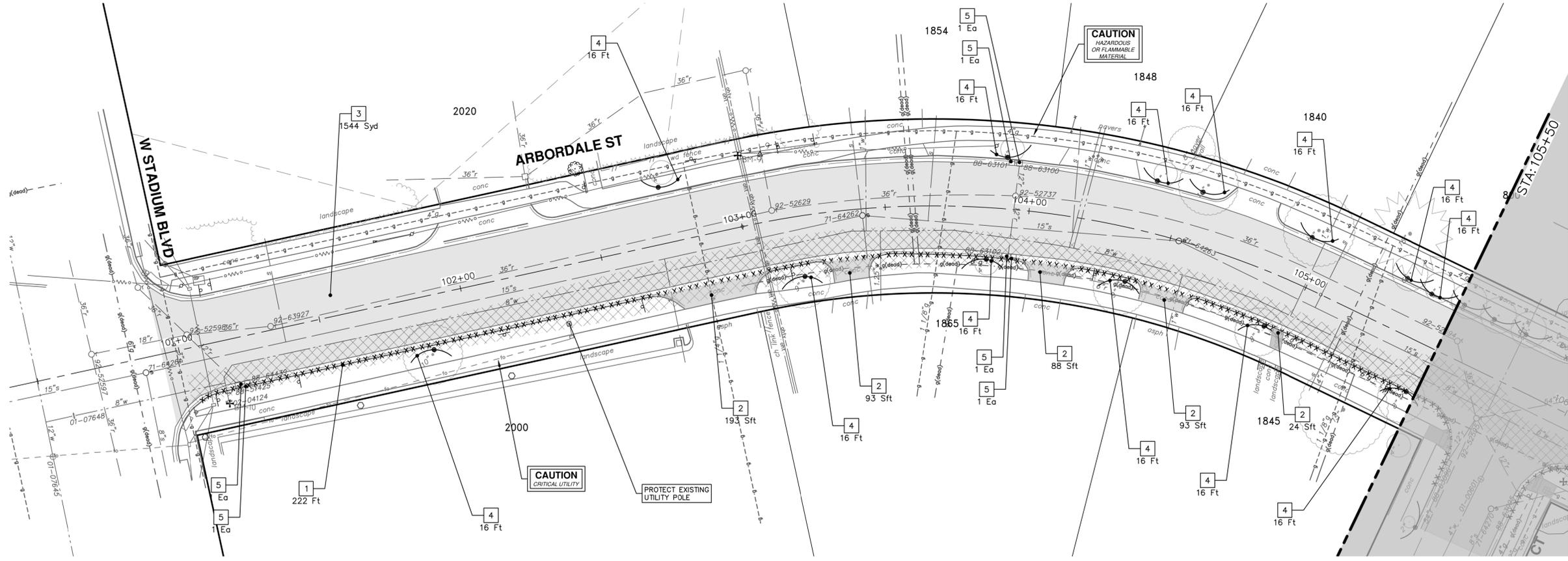
REV. 00  
OUT FOR BID  
02-19-2026  
DATE  
DRAWN  
CHECKED

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

DRAWING No.  
**2025011-8**

SHEET No.  
**8 OF 51**

R:\2025011 Arbordale Sherwood MM Resurf\Plan Production\2025011Rem.dwg Dwg Created: 17-Feb-26 --\_a2 standard bw.stb -- Plot Date: 19-Feb-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
6A	Tree, Rem, 6 in. - 12 in.
6B	Tree, Rem, 13 in. - 19 in.
6C	Tree, Rem, 20 in. - 29 in.

\* SAWOUT FULL DEPTH AT REMOVAL LIMITS AS DIRECTED BY ENGINEER

TREE REMOVAL TABLE				
Tag No.	Size	Species	Northing	Easting
	8"		281468.7411	13284353.6086



REV.	DATE	DESCRIPTION	DRAWN	CHECKED
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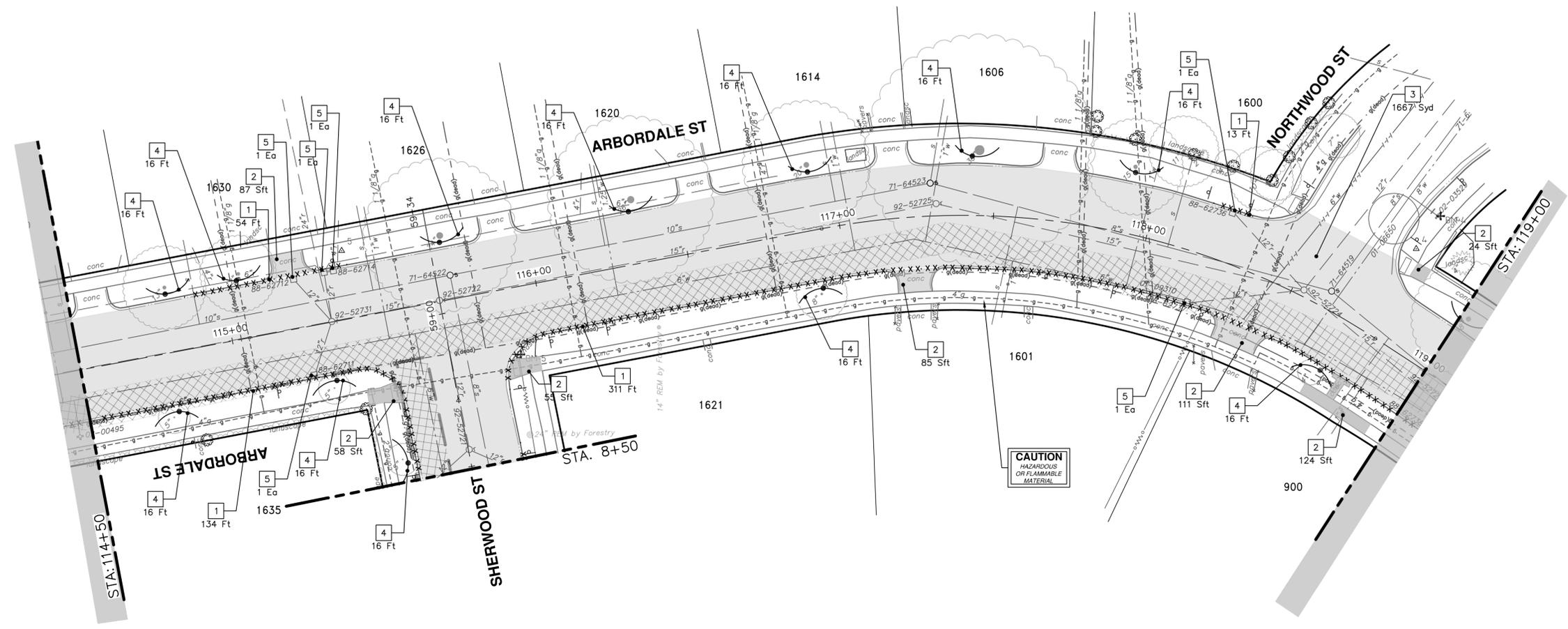
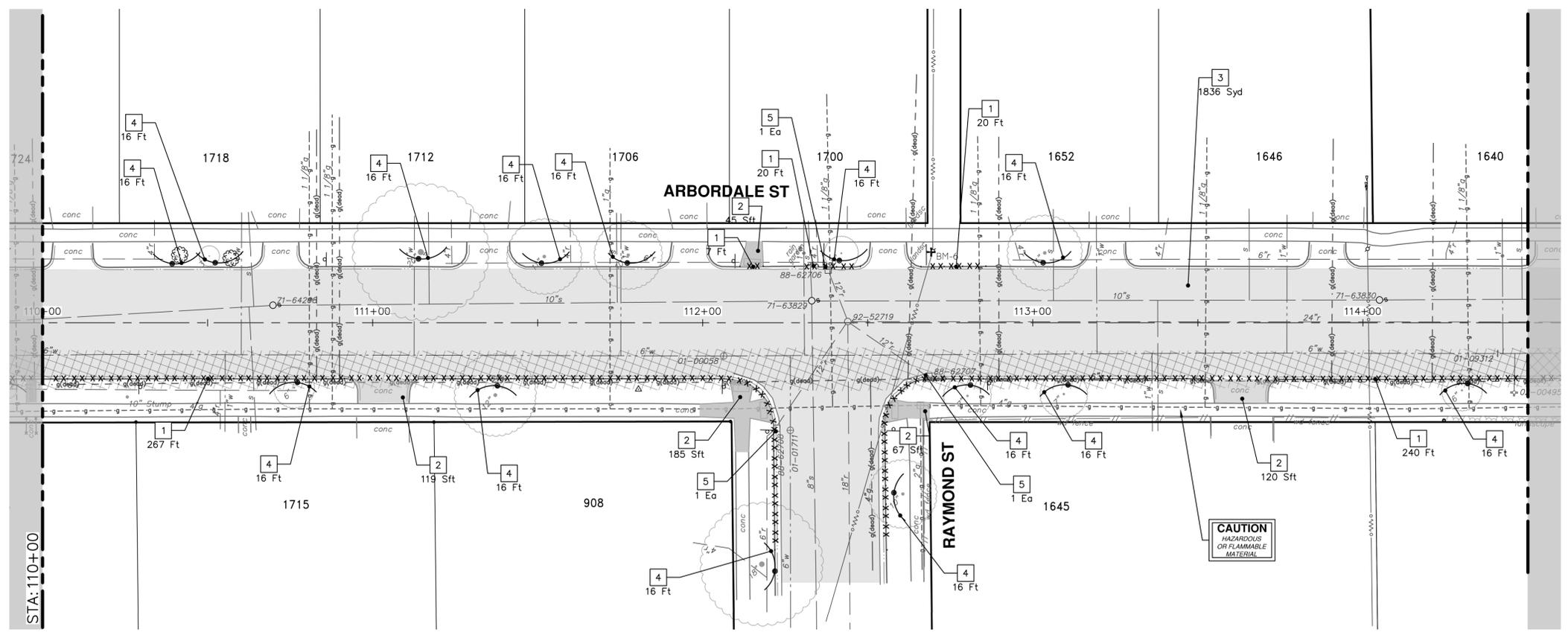
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
REMOVALS - ARBORDALE ST  
P.O.B. - STA. 110+00

SCALE: 1" = 20'  
DRAWING NO.  
2025011-9  
SHEET NO.  
9 OF 51

R:\2025011 Arbordale Sherwood WM Resurf\Plan Production\2025011Rem.dwg Dwg Created: 17-Feb-26 -- 62 standard bw.stb -- Plot Date: 19-Feb-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
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.	DATE	DESCRIPTION	DRAWN	CHECKED
00	02-19-2026	A22	NE/JD	
		OUT FOR BID		

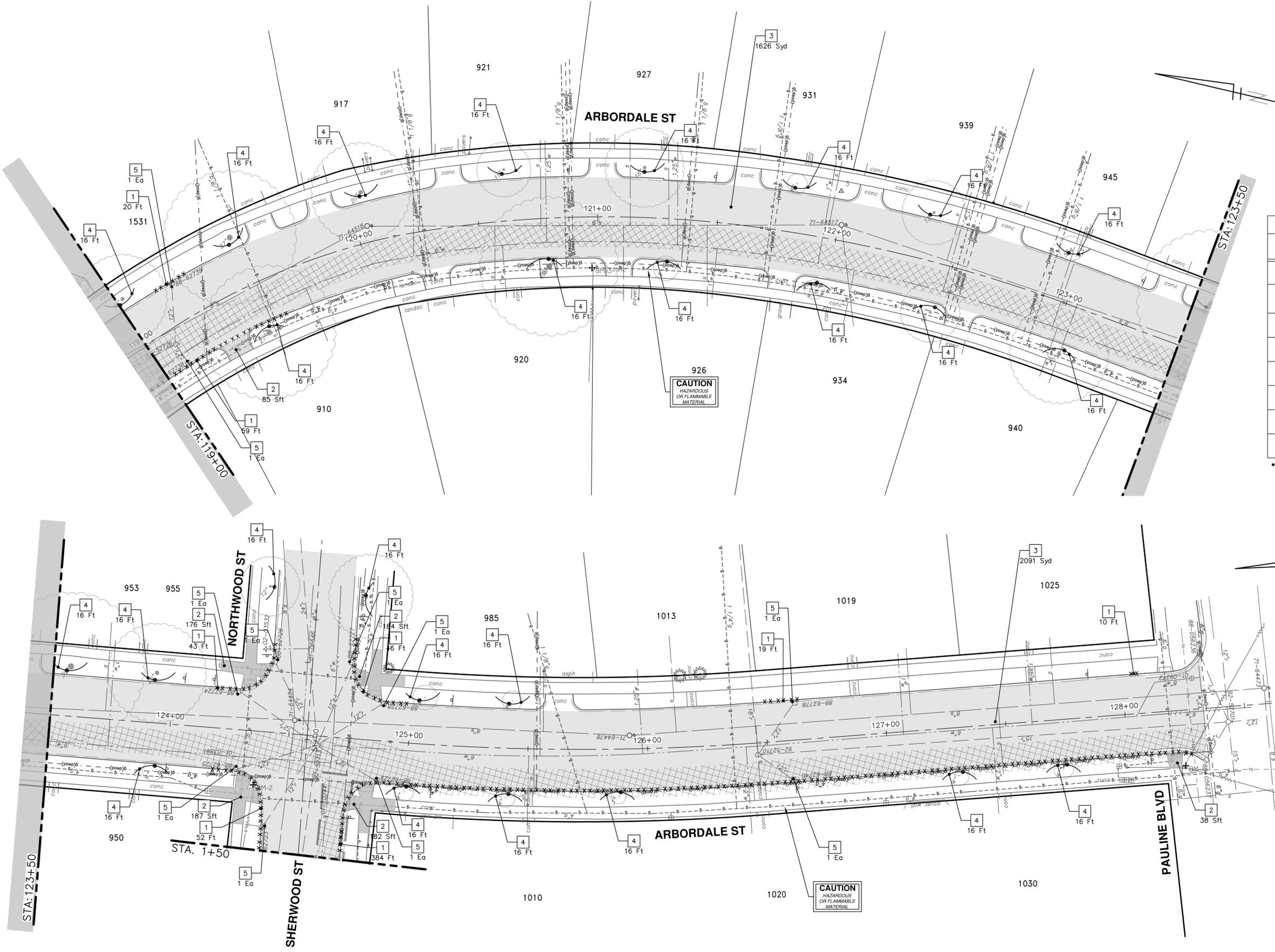
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**ARBORDALE SHERWOOD WATER MAIN**  
REMOVALS - ARBORDALE ST  
STA. 110+00 - STA. 119+00

SCALE: 1" = 20'  
DRAWING No.  
2025011-10  
SHEET No.

R:\2025011 Arbordale Sherwood MM Resurf Plan Production\2025011Rem.dwg Dwg Created: 17-Feb-26 --\_02 standard bw.stb -- Plot Date: 19-Feb-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
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.	DATE	DRAWN	CHECKED
00	02-19-2026	A20	NE/AD

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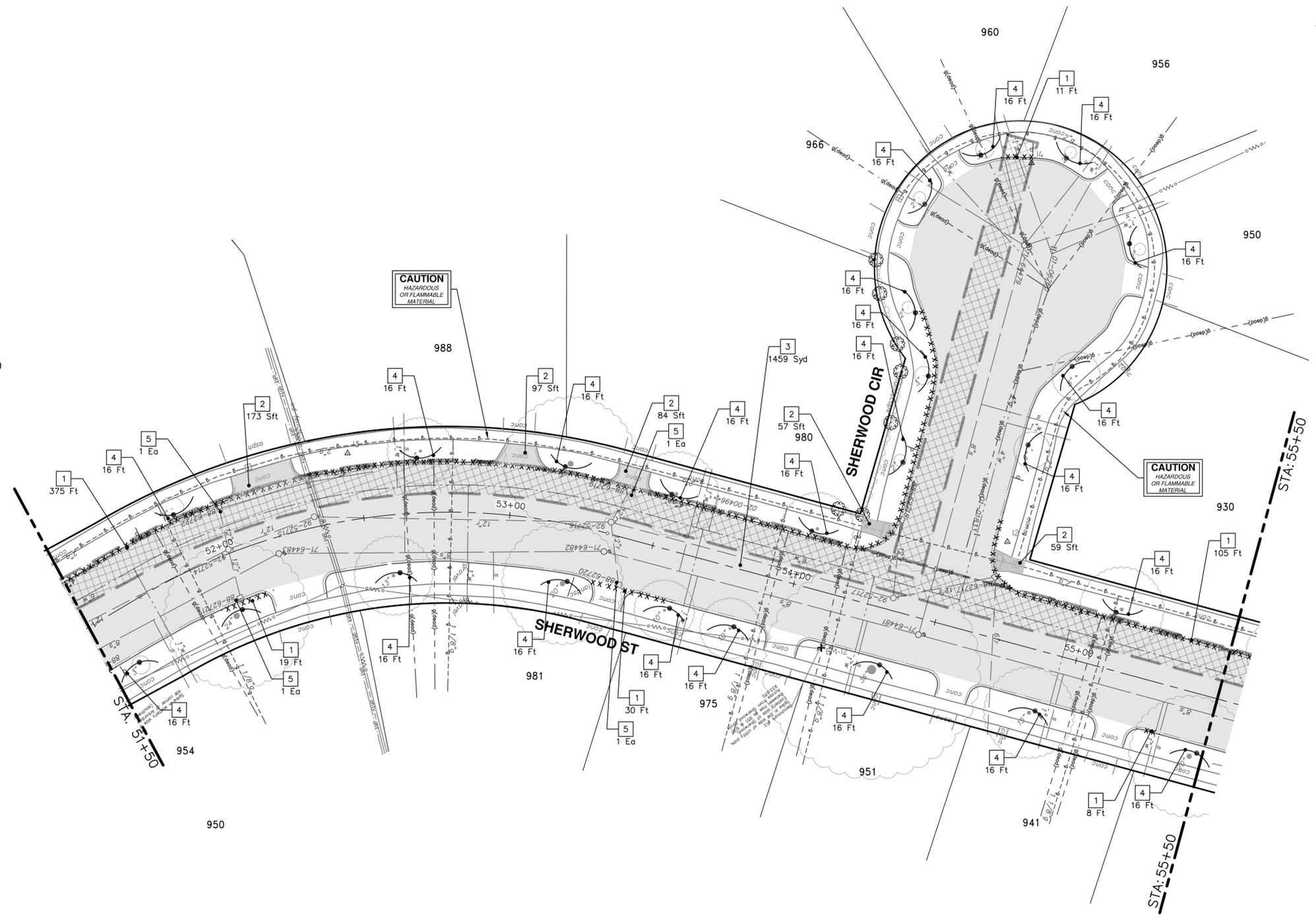


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**ARBORDALE SHERWOOD WATER MAIN**  
REMOVALS - ARBORDALE ST  
STA. 119+00 - P.O.E.

SCALE: 1" = 20'  
DRAWING No.  
2025011-11  
SHEET No.

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.U10



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**  
**ARBORDALE SHERWOOD WATER MAIN**  
 REMOVALS - SHERWOOD ST  
 STA. 51+50 - STA. 55+50

SCALE: 1" = 20'  
 DRAWING No.  
 2025011-12

SHEET No.  
 12 OF 51



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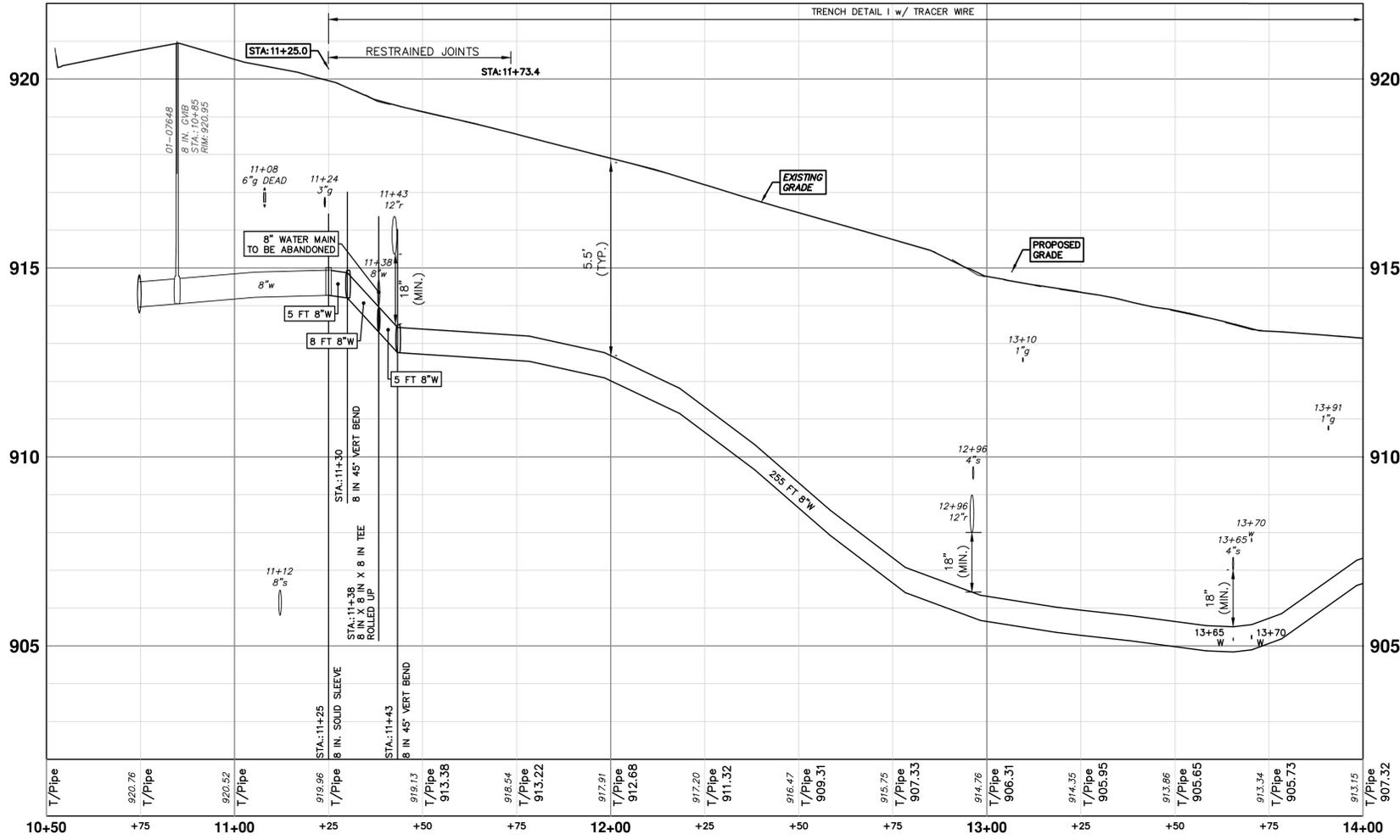
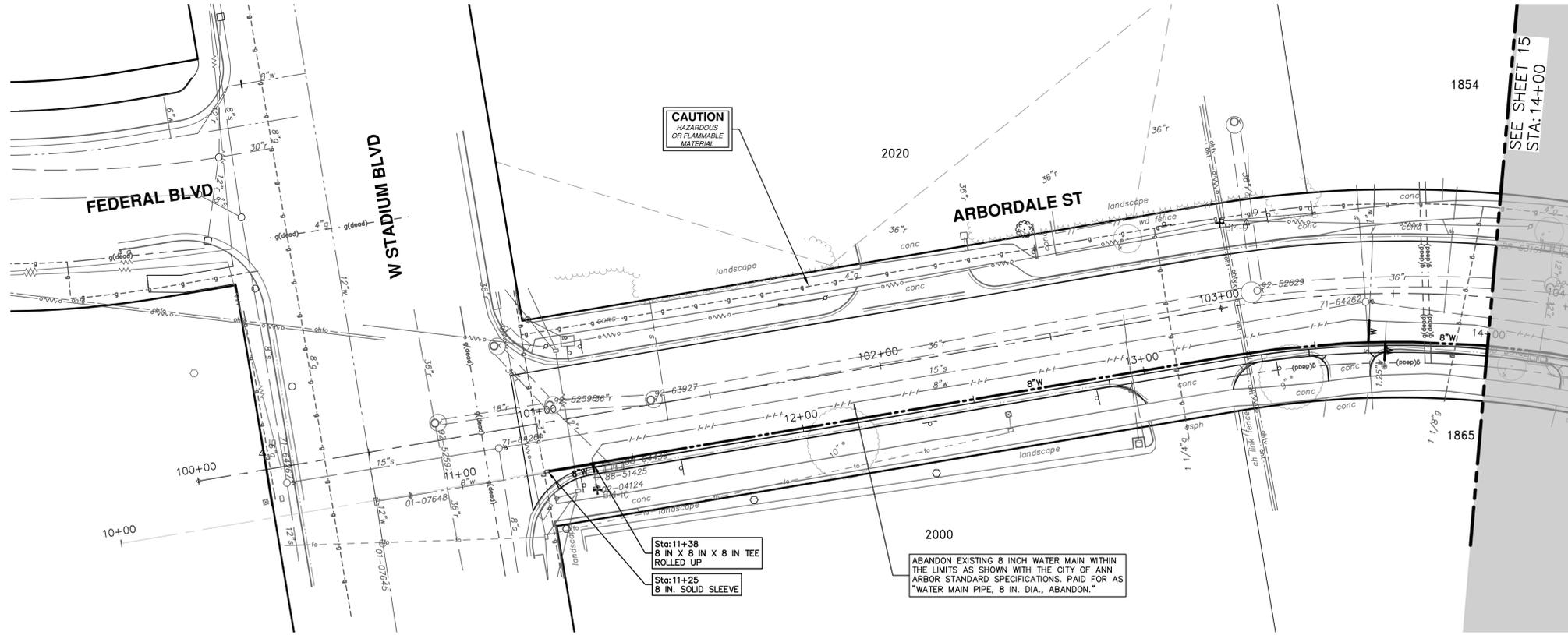
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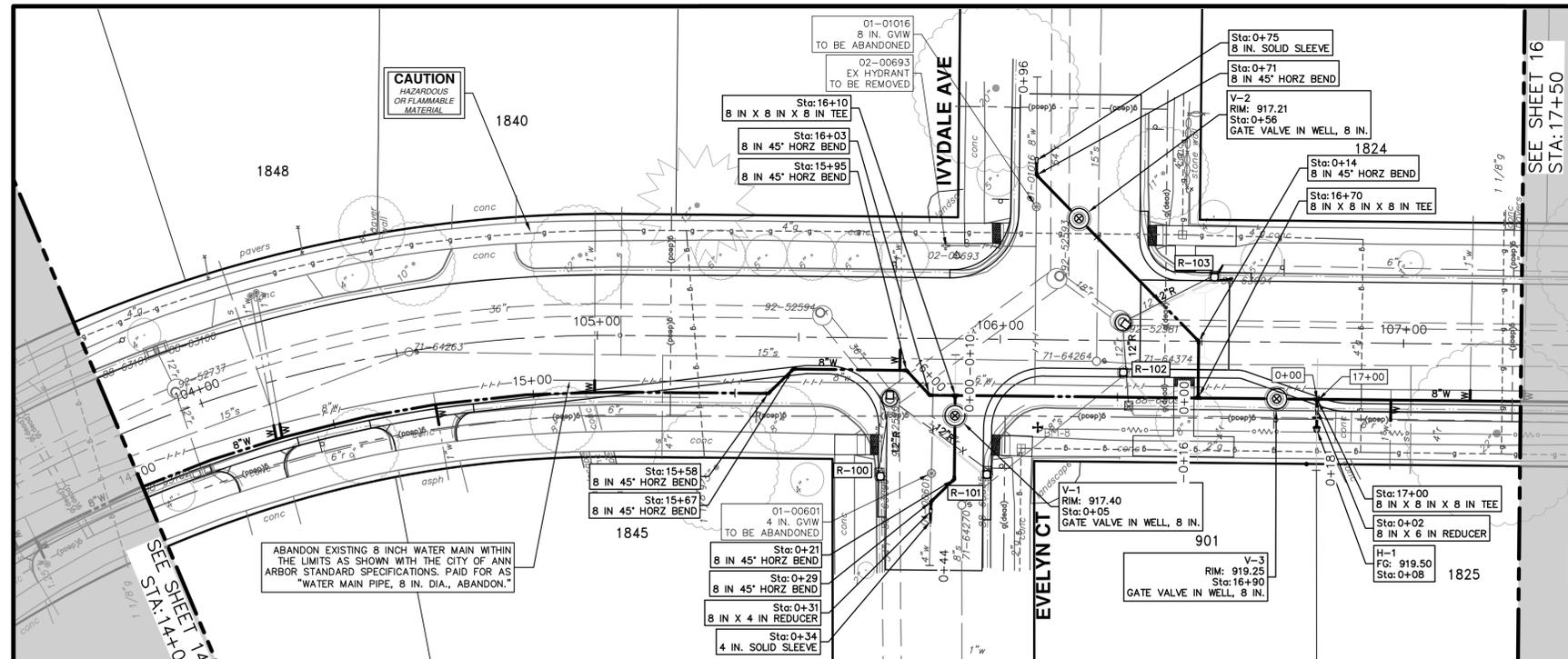
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 10+50 TO 14+00

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO.  
2025011-14

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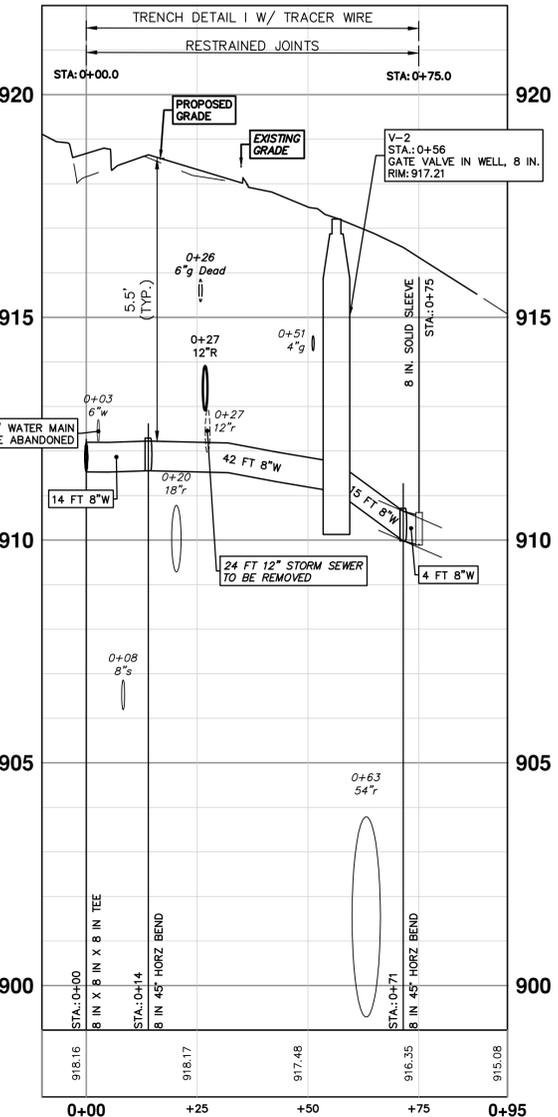
THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND 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'

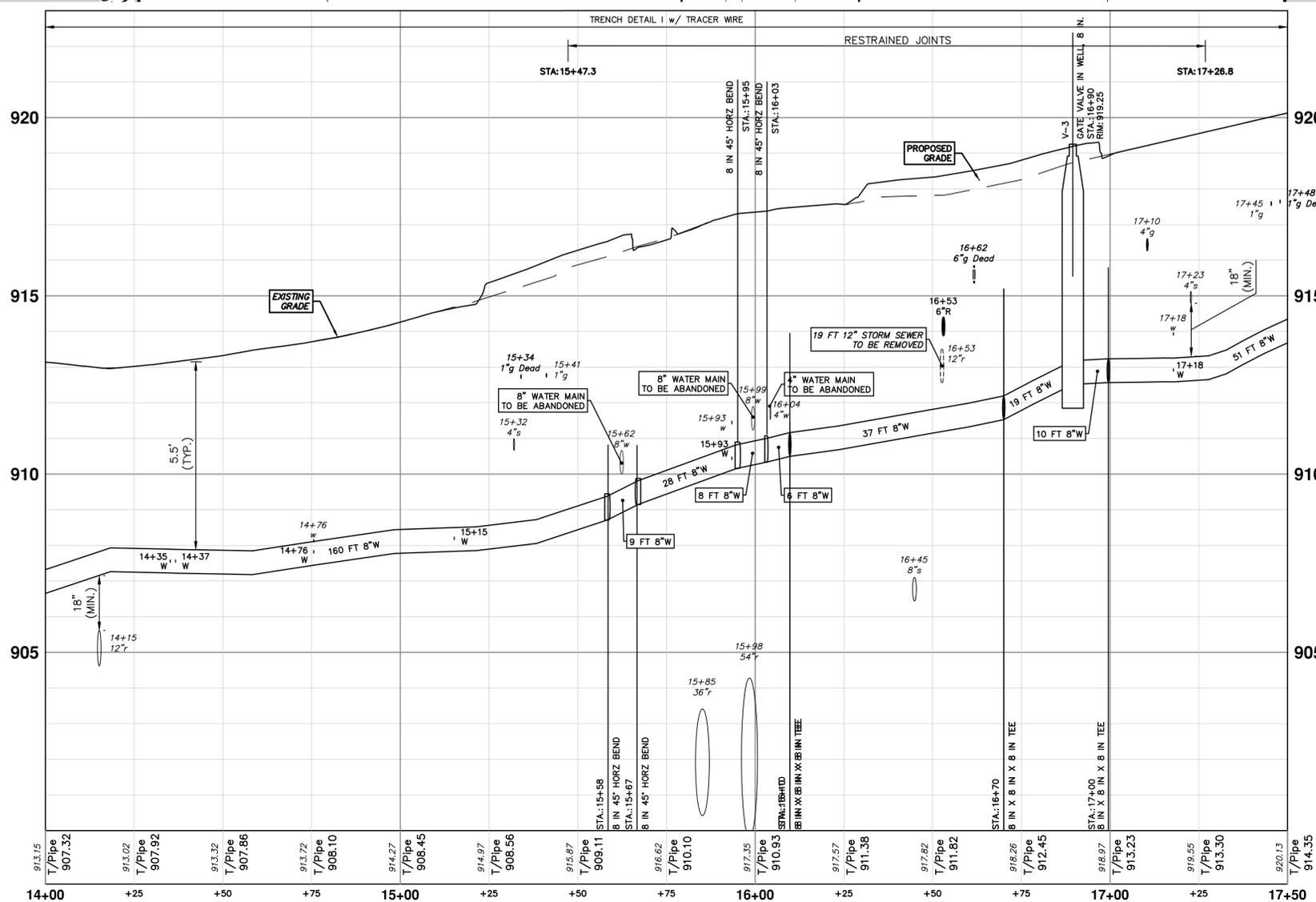
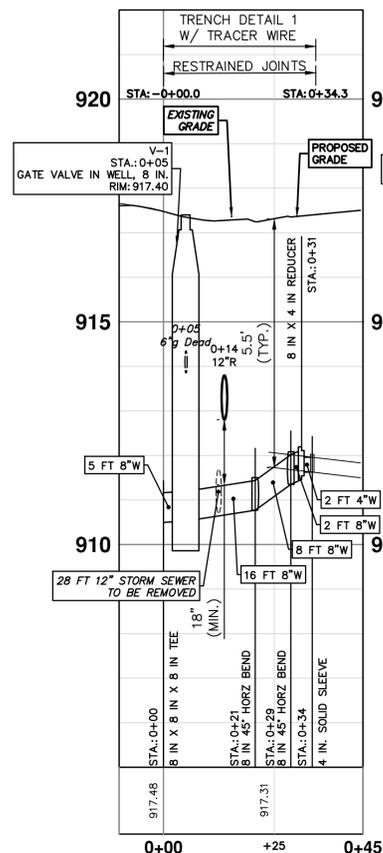
WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-1	Hydrant Assembly	0+08	919.50

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-1	Gate Valve in Well, 8 In.	0+05	917.40
V-2	Gate Valve in Well, 8 In.	0+56	917.21
V-3	Gate Valve in Well, 8 In.	16+90	919.25

IVYDALE ST WATER



EVELYN CT WATER



REV.	DATE	DRAWN	CHECKED
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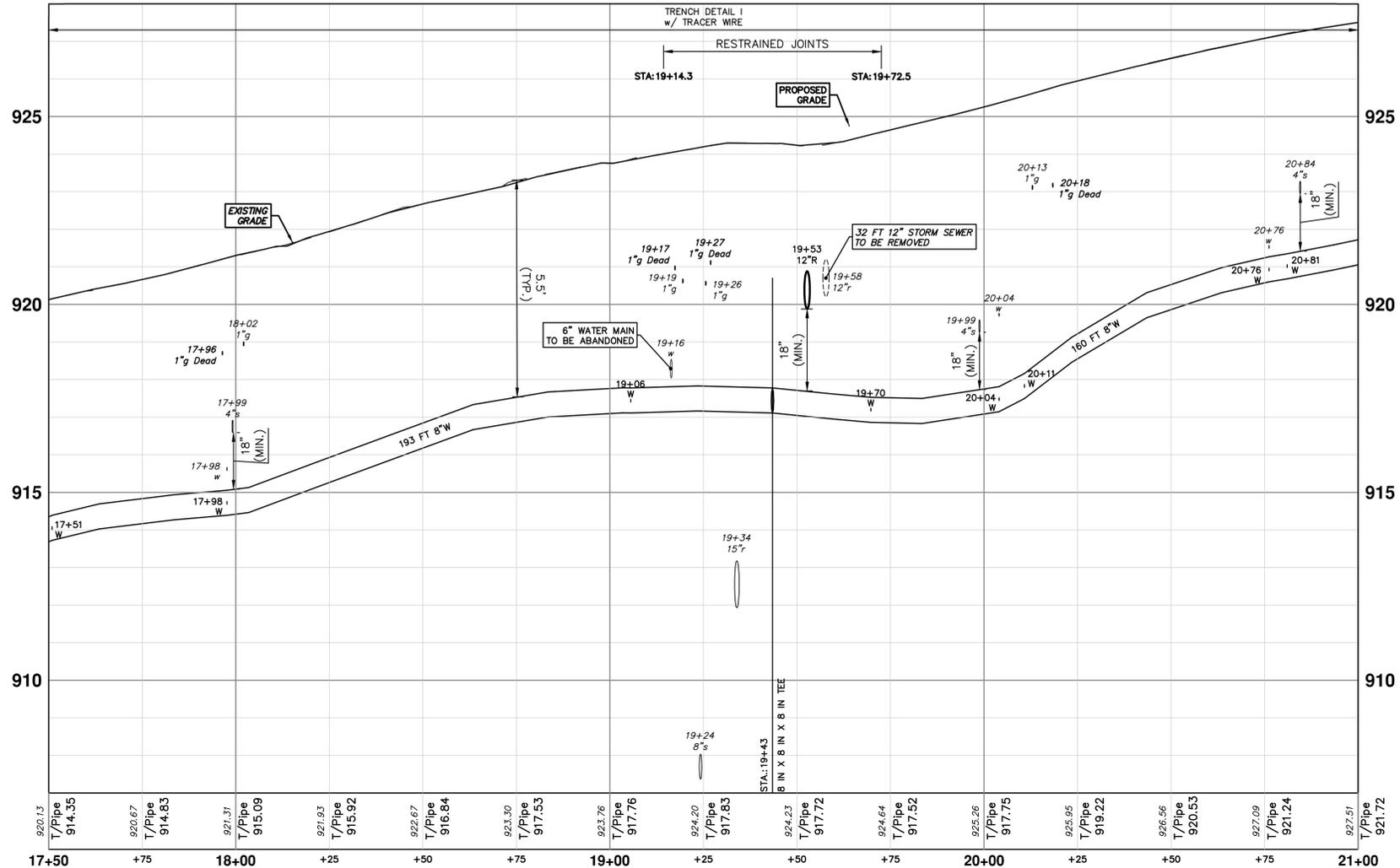
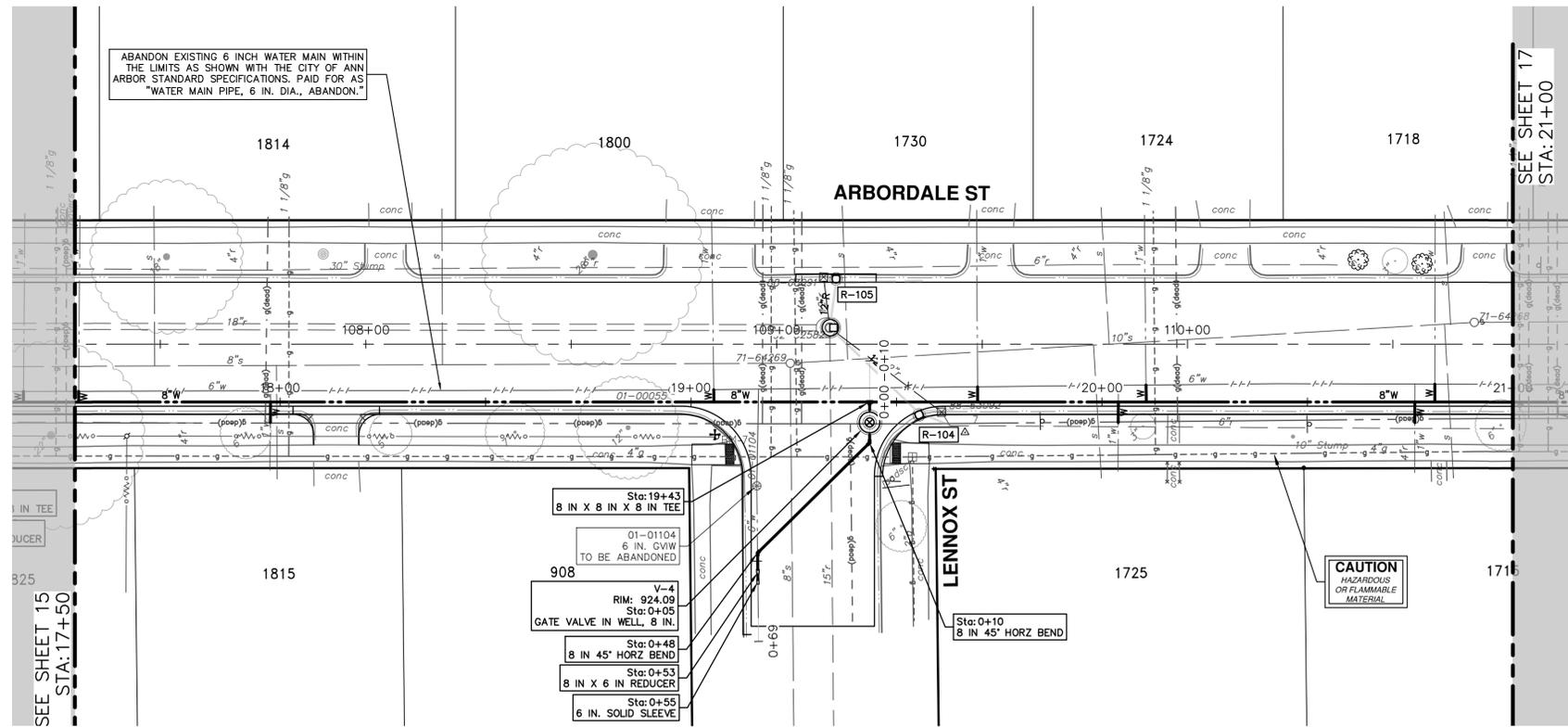
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ARBORDALE SHERWOOD WATER MAIN  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 14+00 TO 17+50

SHEET No. 15 OF 51  
SCALE PLAN: 1" = 80'  
PROFILE: 1" = 2'  
DRAWING No. 2025011-15

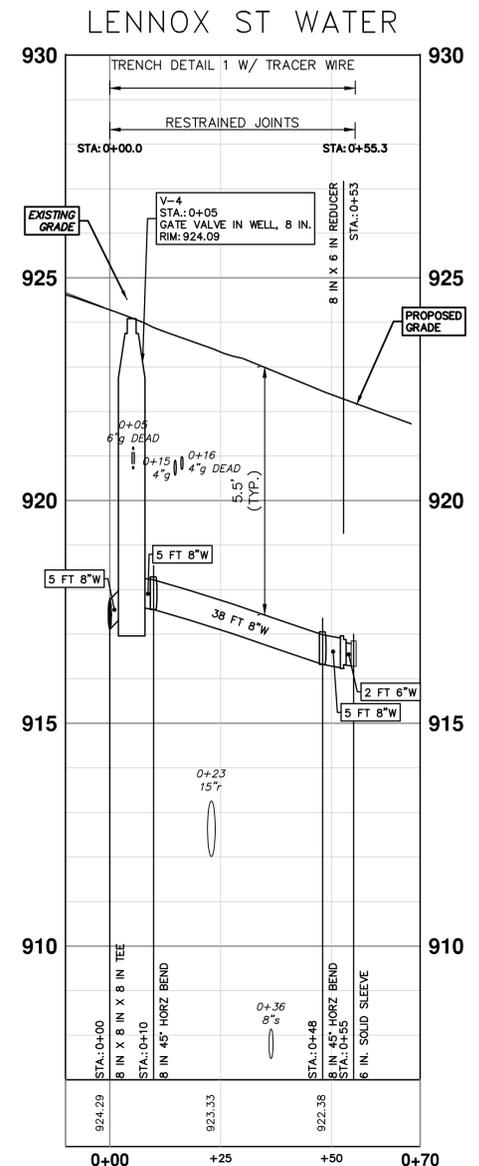
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THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAINS INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, 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	924.09

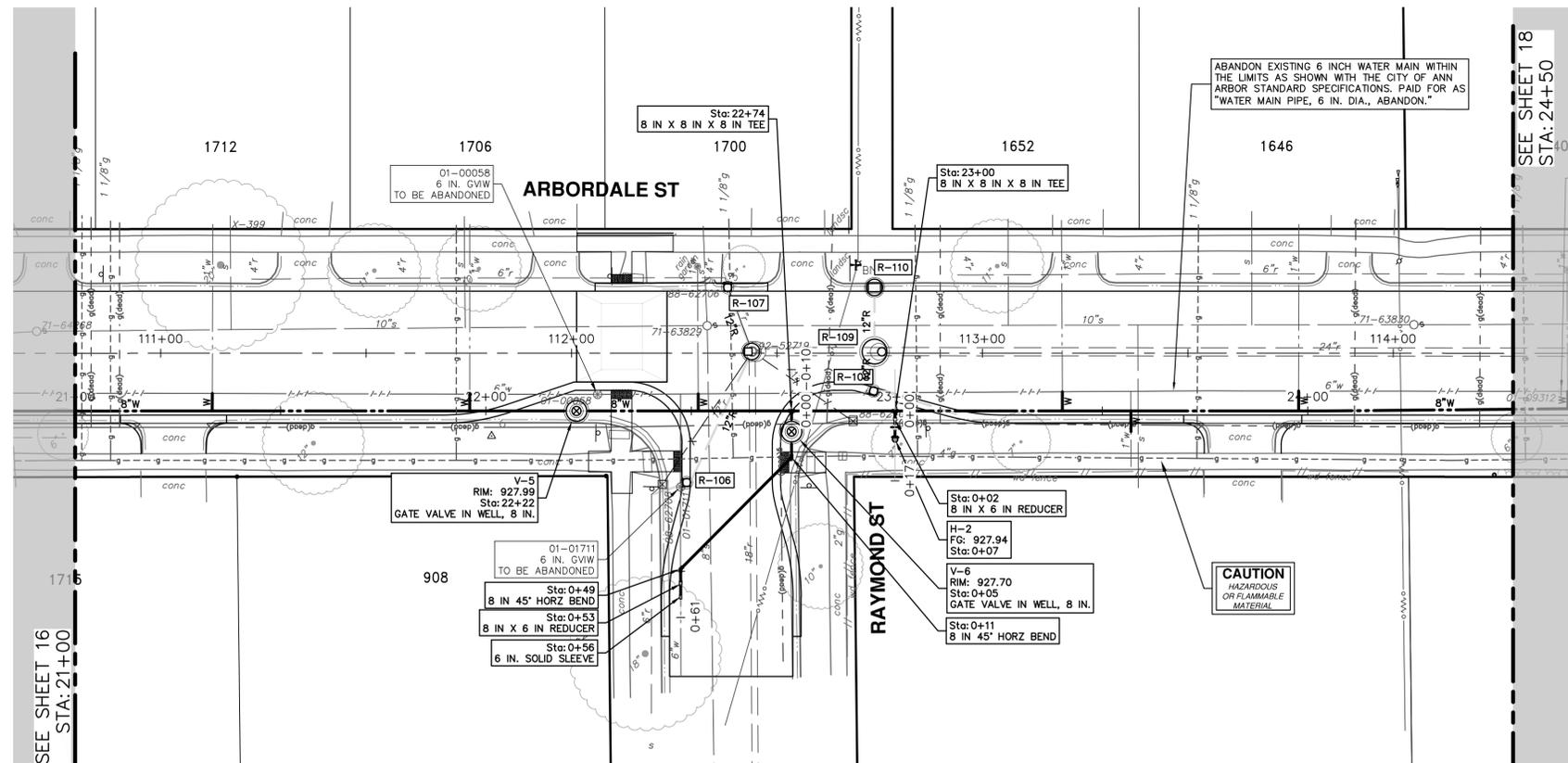


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ARBORDALE SHERWOOD WATER MAIN  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 17+50 TO 21+00

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO.  
2025011-16

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**WATER HYDRANT(S)**

NUMBER	TYPE	STATION	FG
H-2	Hydrant Assembly	0+07	927.94

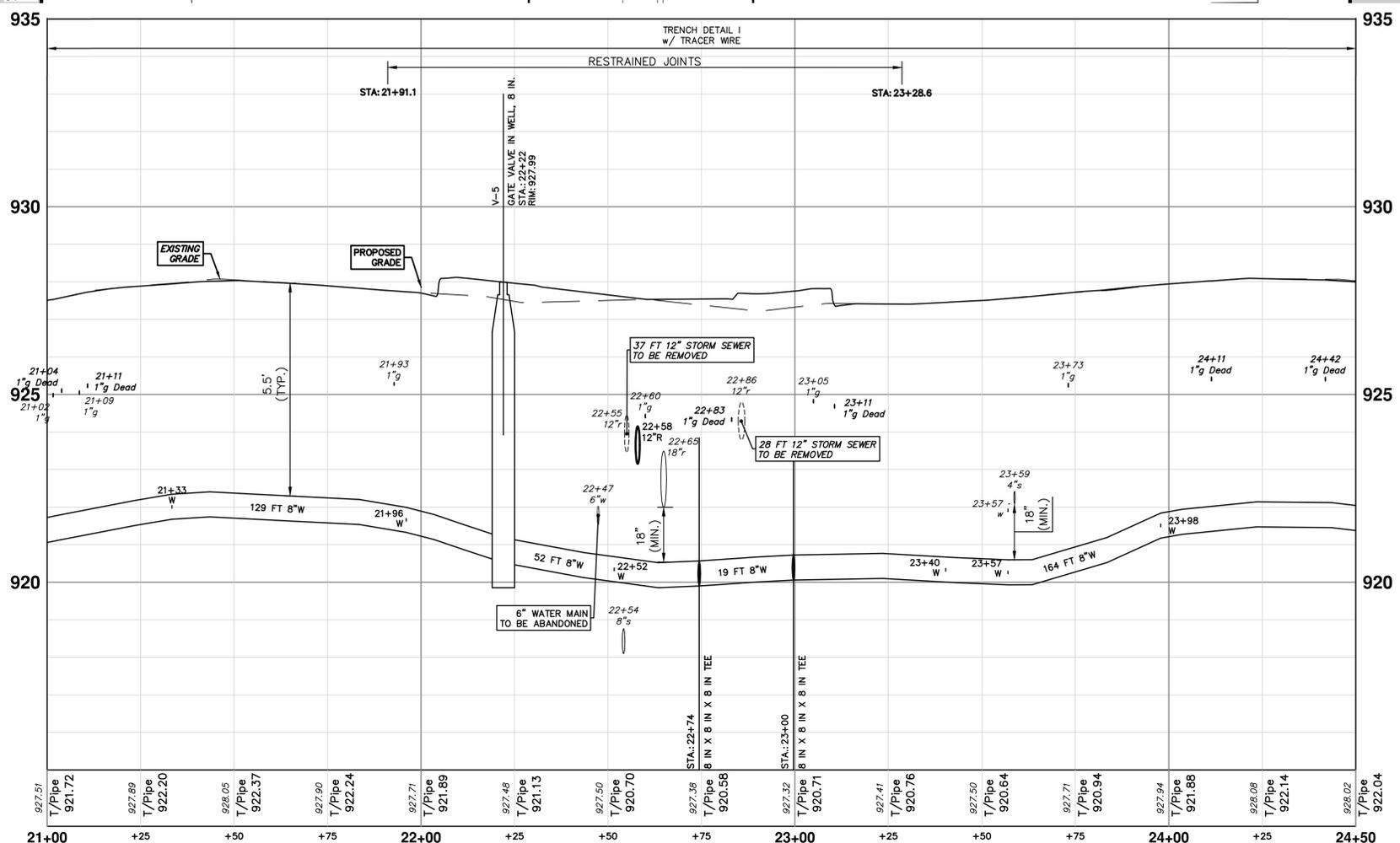
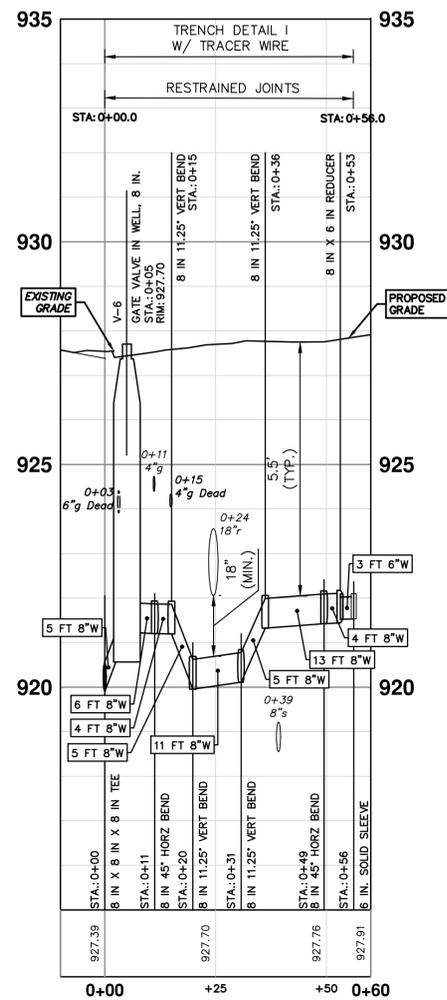
**WATER MAIN STRUCTURES**

STRUCTURE	TYPE	STATION	RIM
V-6	Gate Valve in Well, 8 In.	0+05	927.70
V-5	Gate Valve in Well, 8 In.	22+22	927.99

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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RAYMOND ST WATER



REV.	DATE	DESCRIPTION
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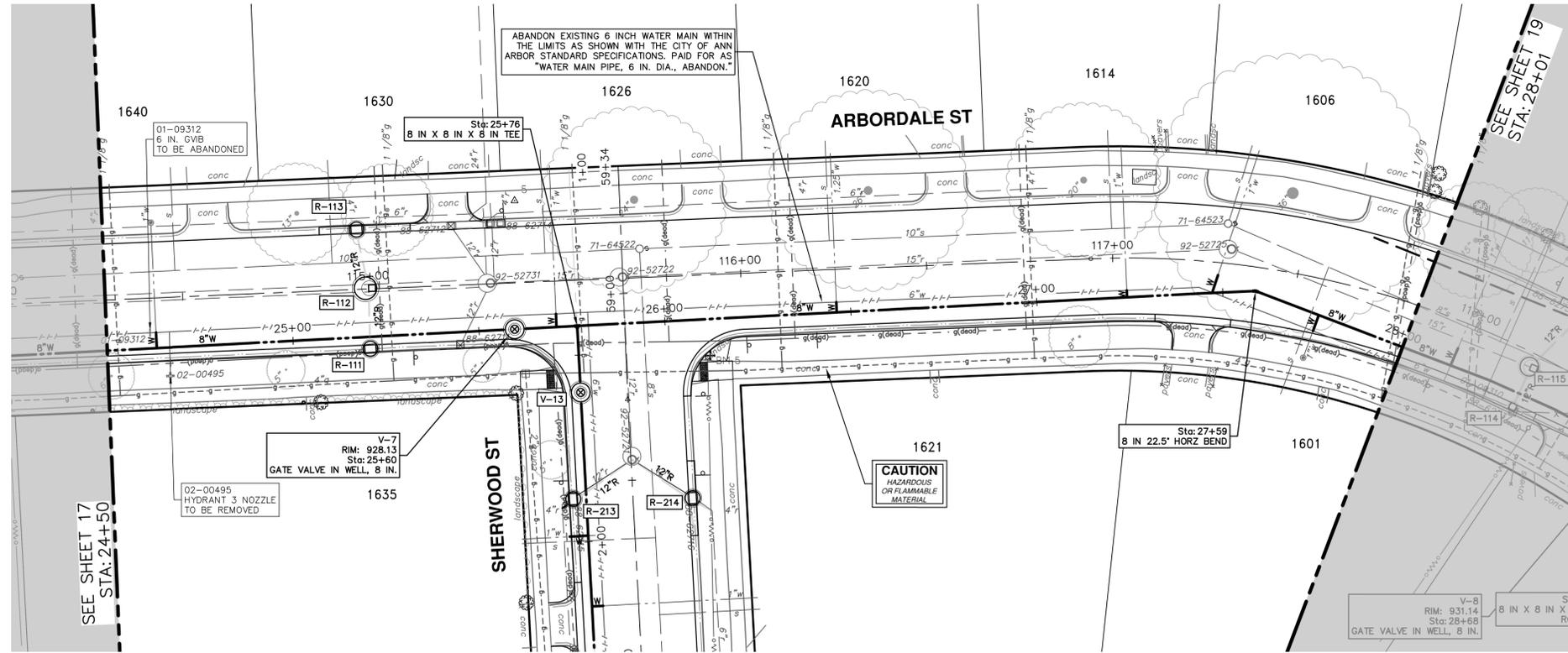


**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
ARBORDALE SHERWOOD WATER MAIN  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 21+00 TO 24+50

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'

DRAWING NO.  
2025011-17

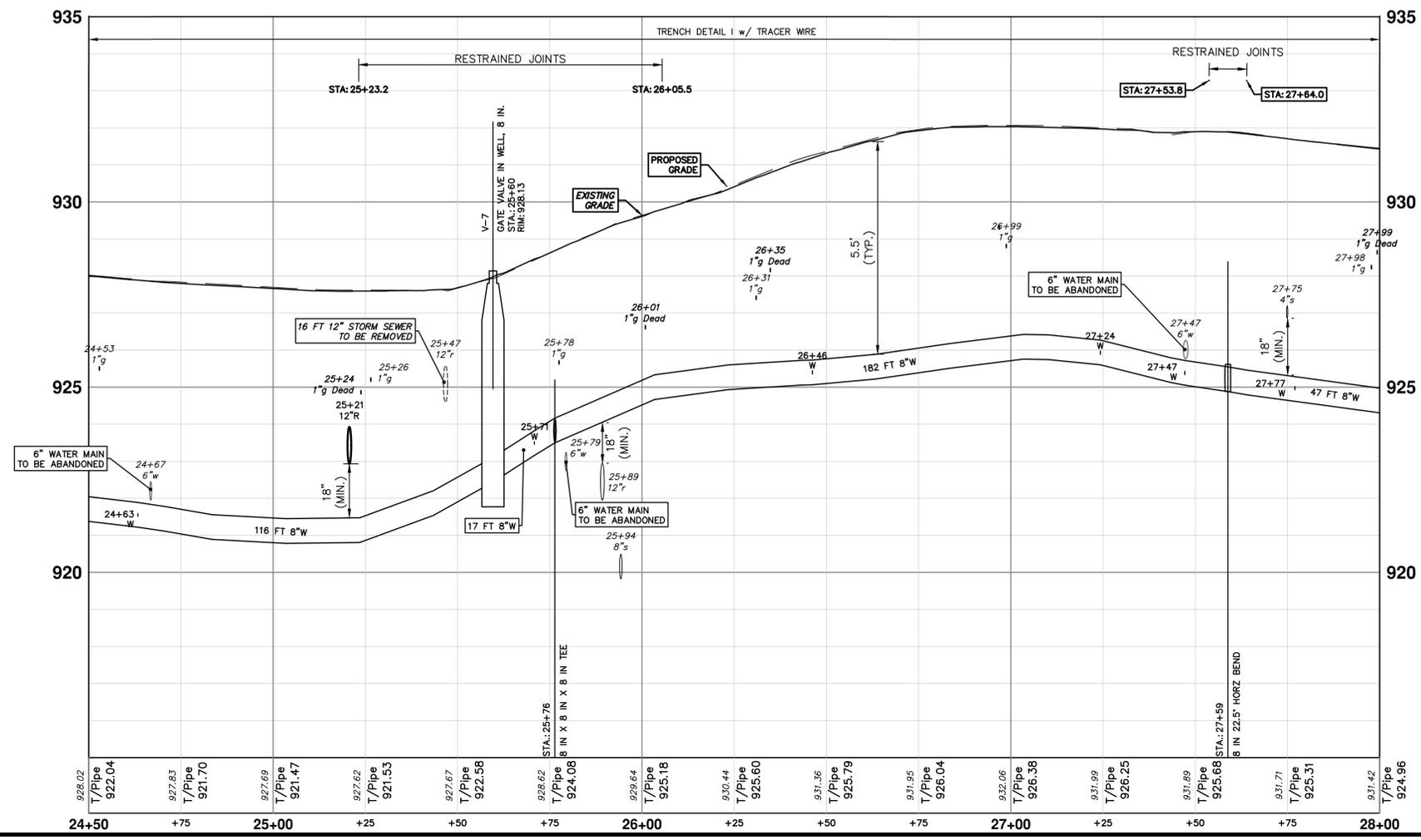
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WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-7	Gate Valve in Well, 8 In.	25+60	928.13

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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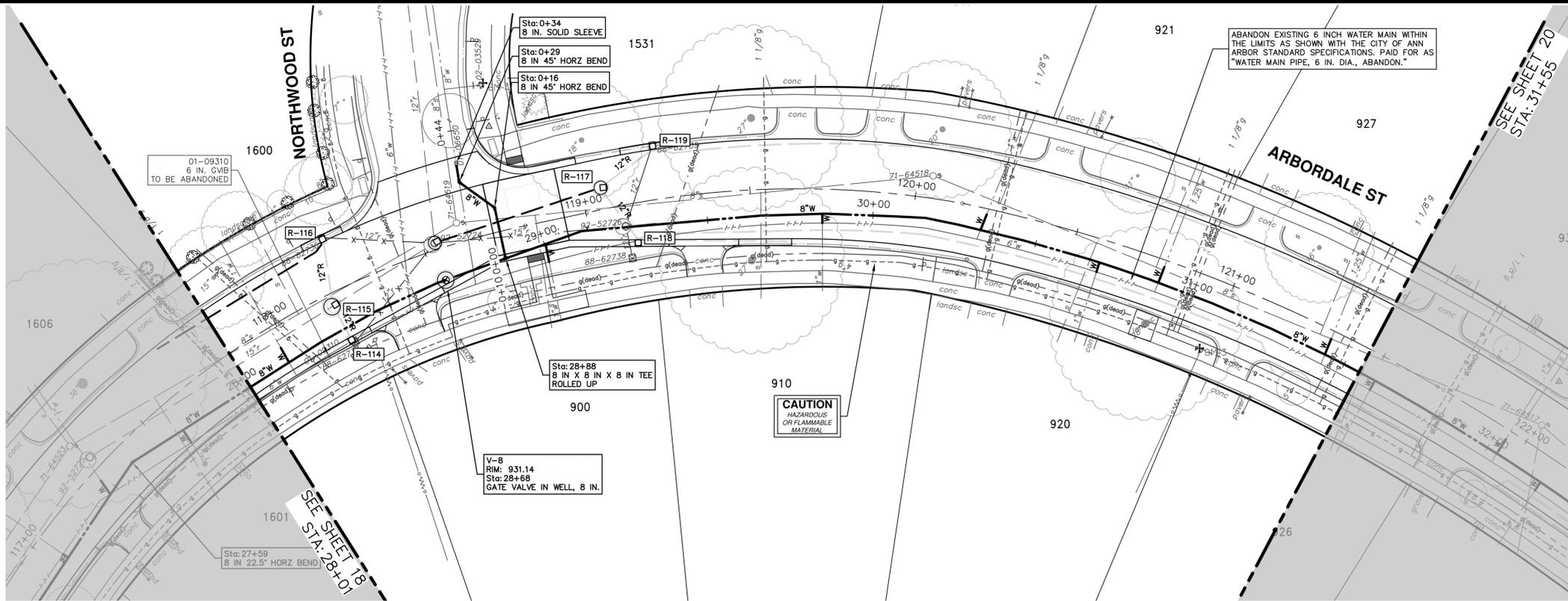
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**ARBORDALE SHERWOOD WATER MAIN**  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 24+50 TO 28+00

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO.  
2025011-18

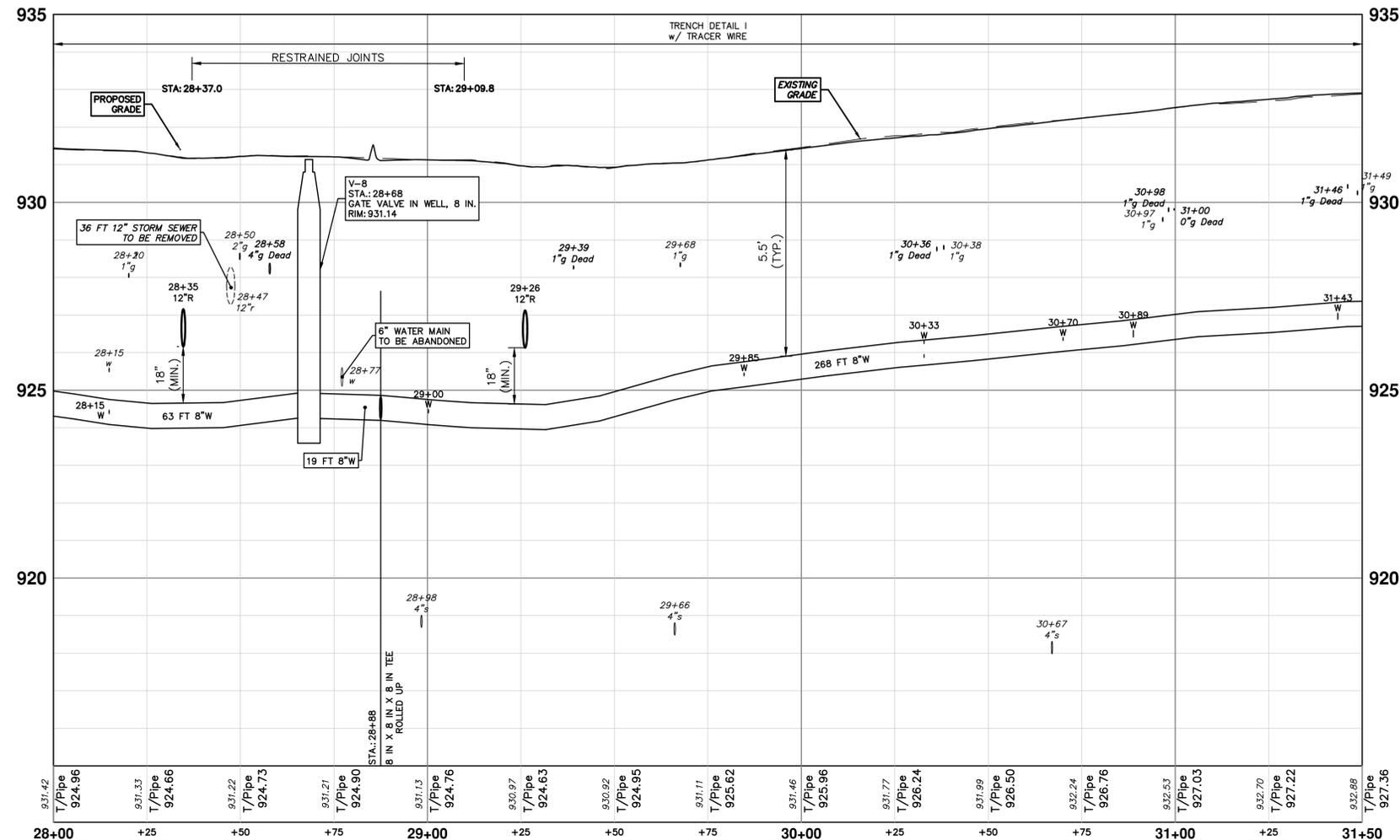
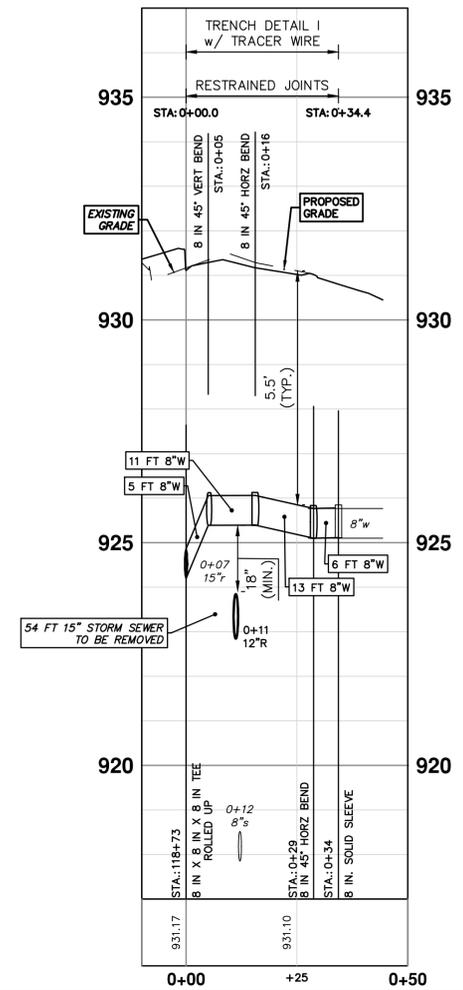


WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-8	Gate Valve in Well, 8 In.	28+68	931.14

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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### NORTHWOOD ST CONN





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**ARBORDALE SHERWOOD WATER MAIN**  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 28+00 TO 31+50

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'

DRAWING NO.  
**2025011-19**

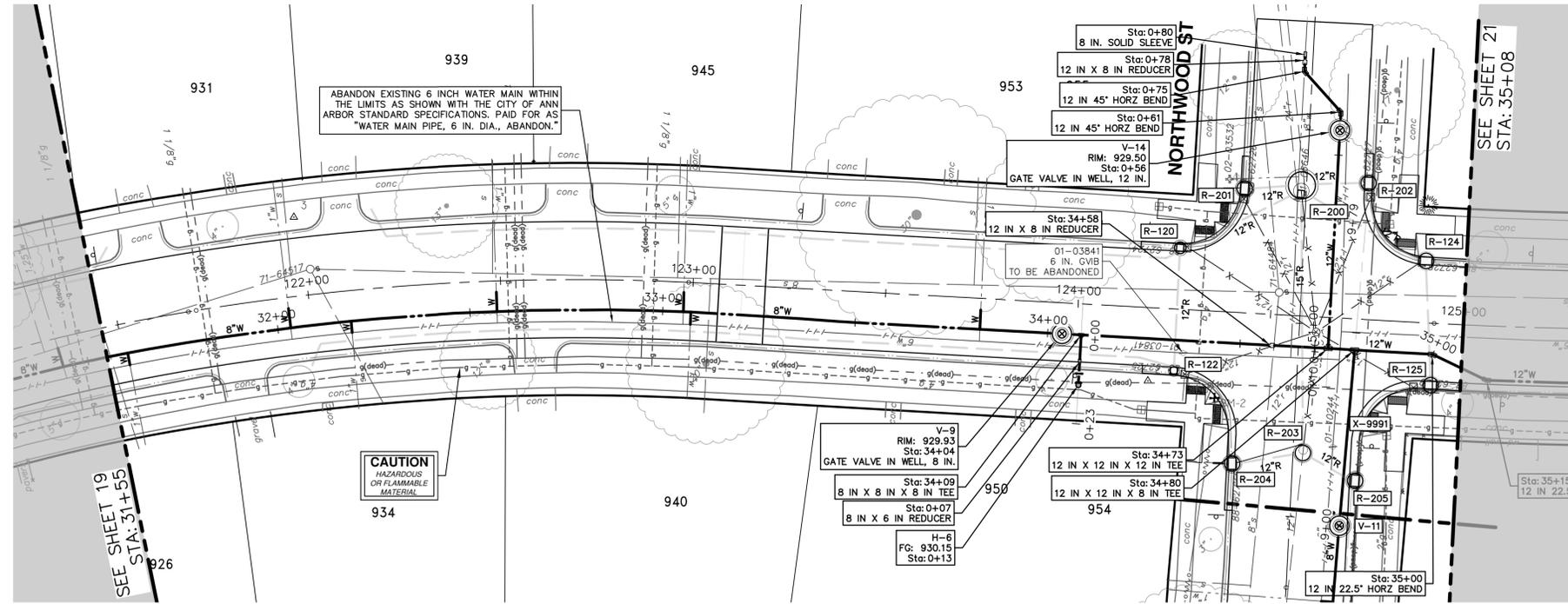
SHEET NO.  
**19 OF 51**

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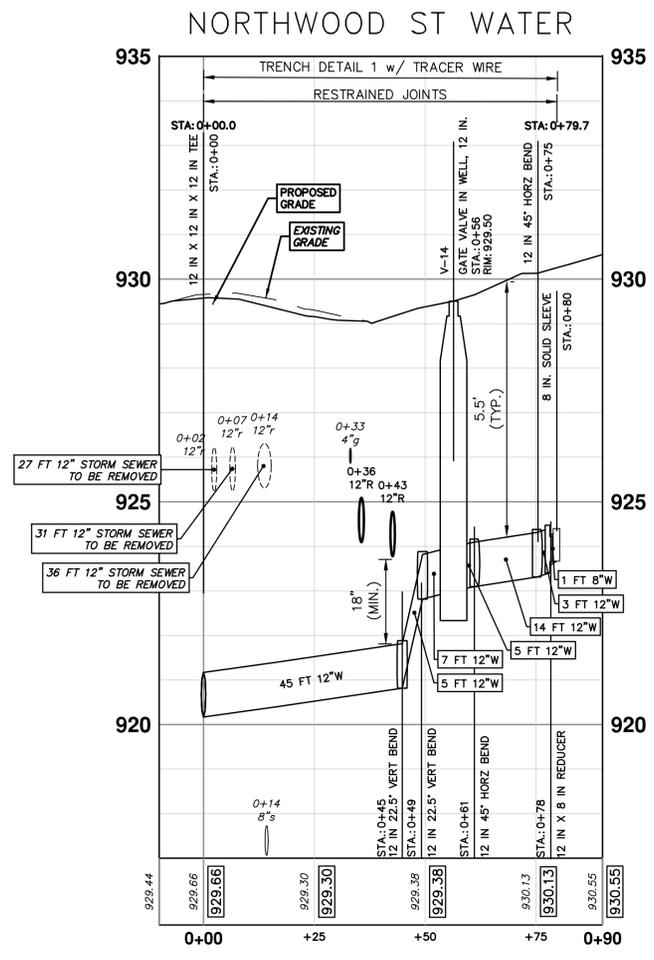
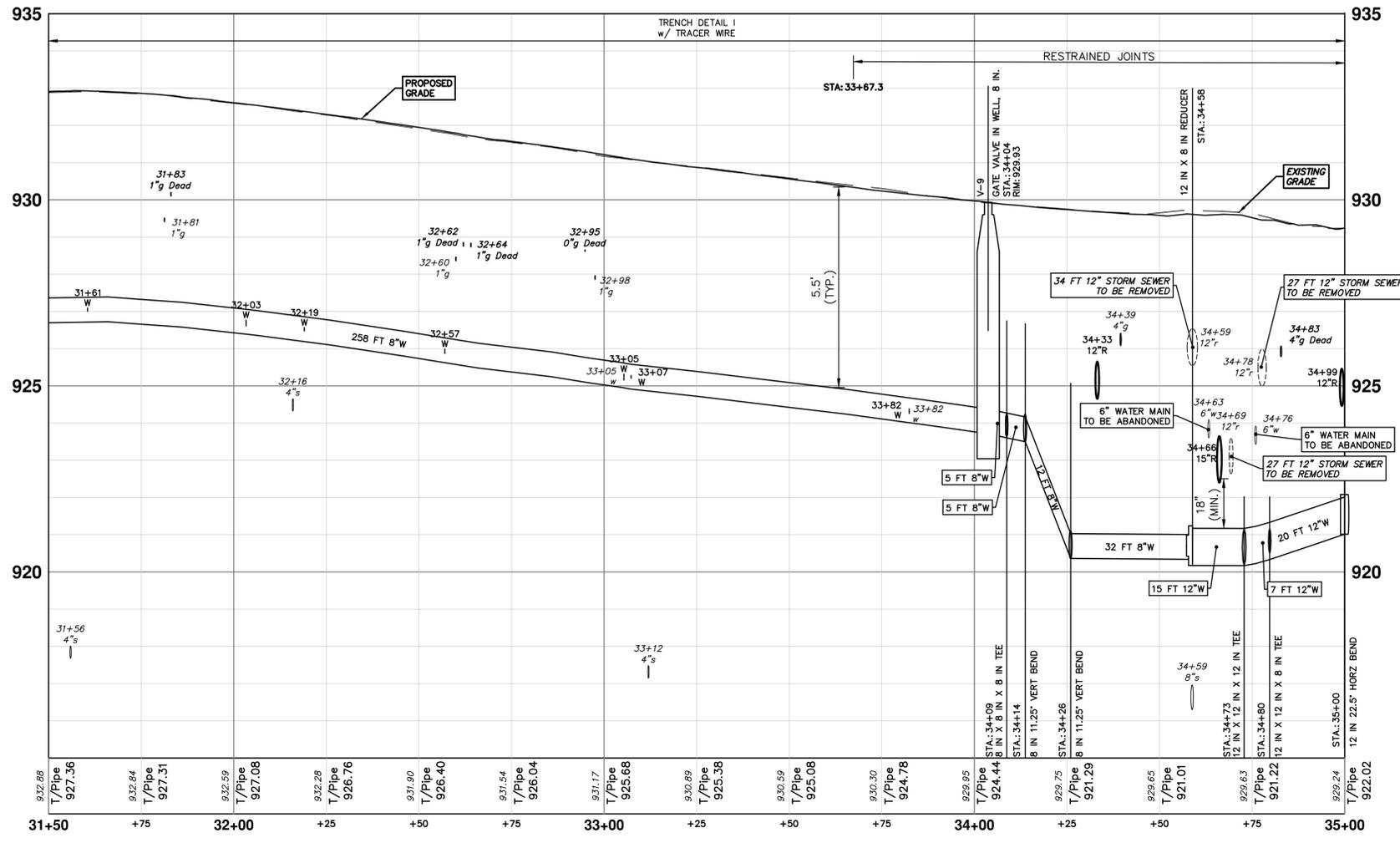


THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND 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-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





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**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" = 80'  
PROFILE: 1" = 2'

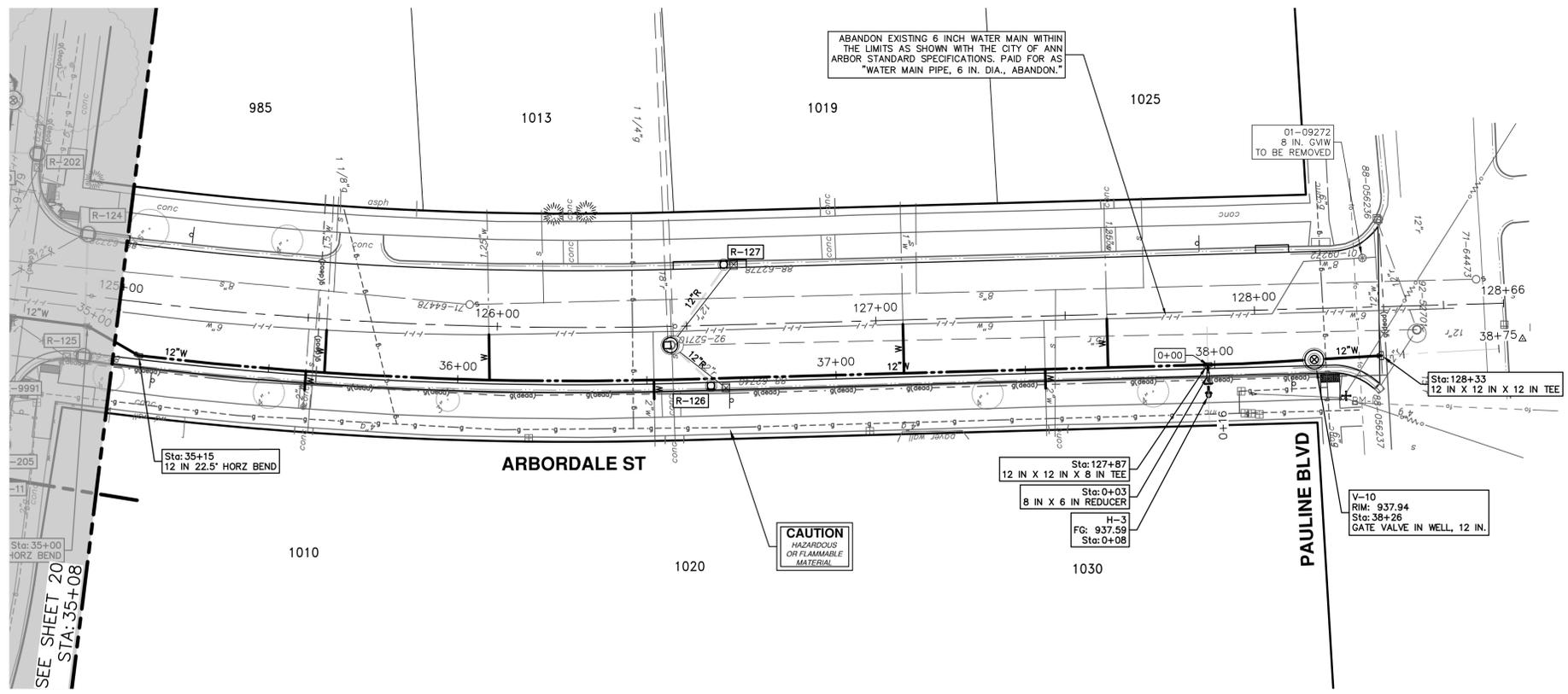
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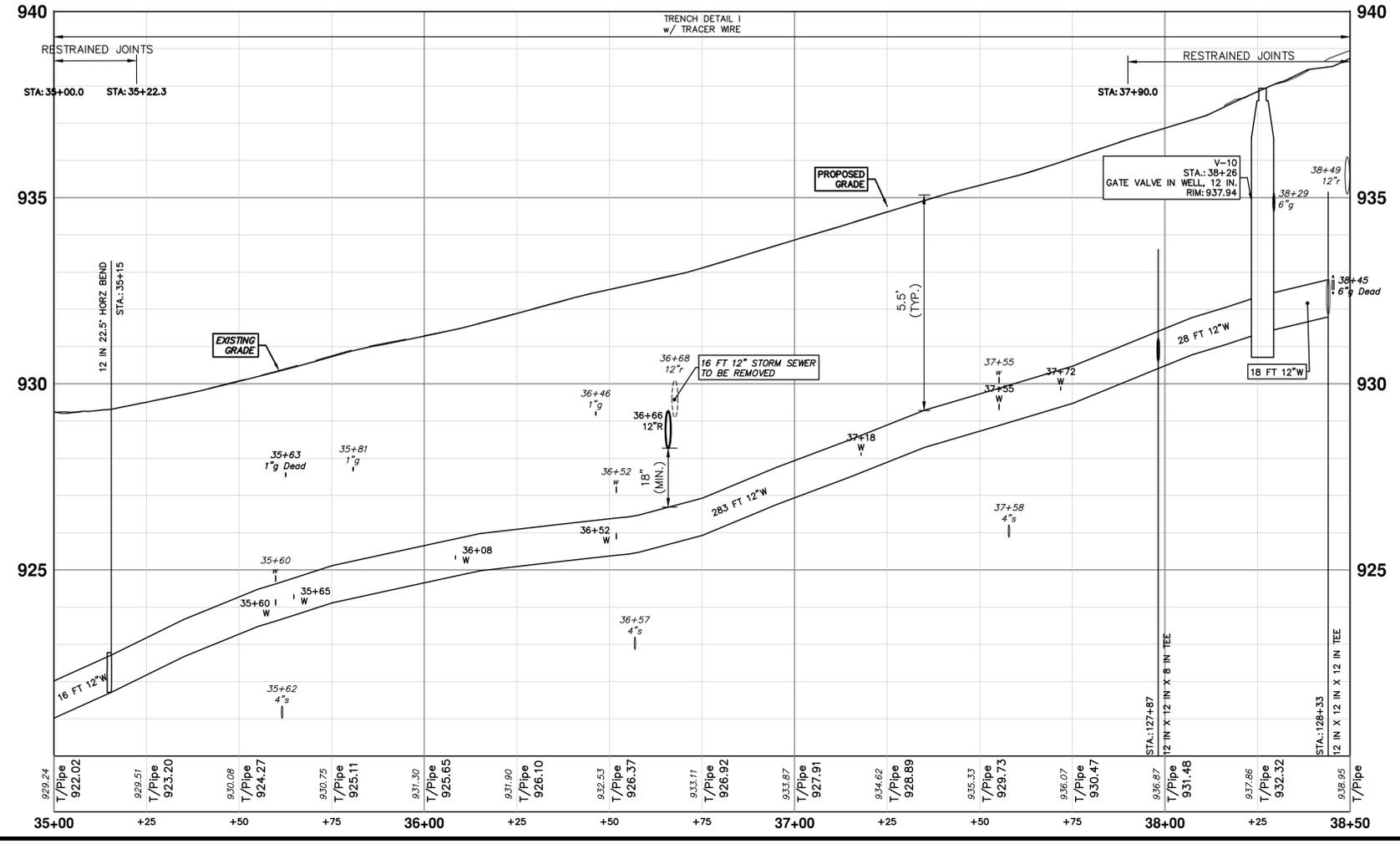


WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-3	Hydrant Assembly	0+08	937.59

WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-10	Gate Valve in Well, 12 in.	38+26	937.94

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'



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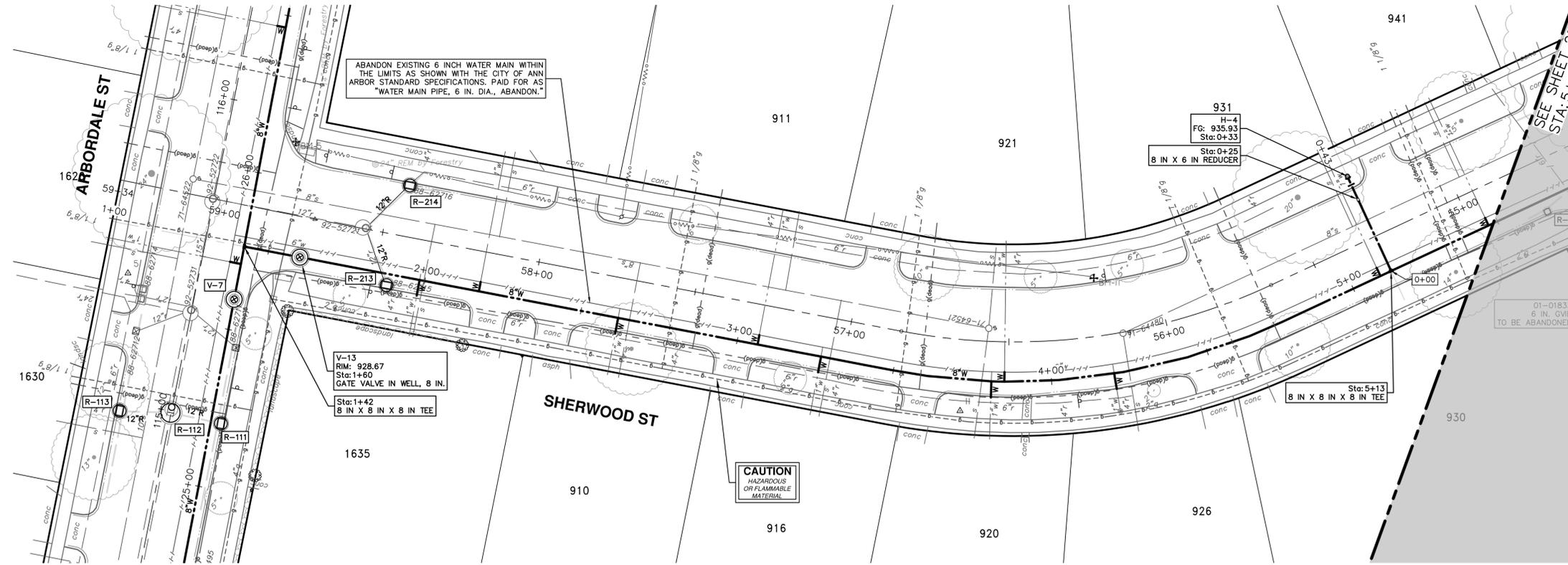
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**ARBORDALE SHERWOOD WATER MAIN**  
WATER MAIN PLAN & PROFILE - ARBORDALE ST  
WATER 35+00 TO 38+50

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO.  
2025011-21

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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

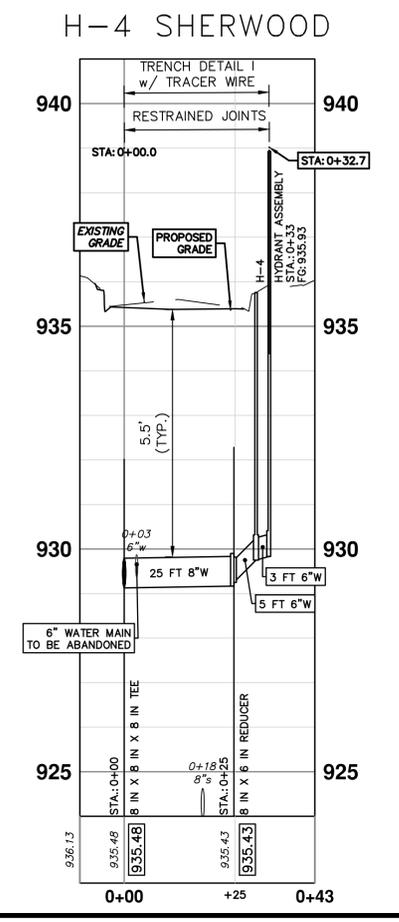
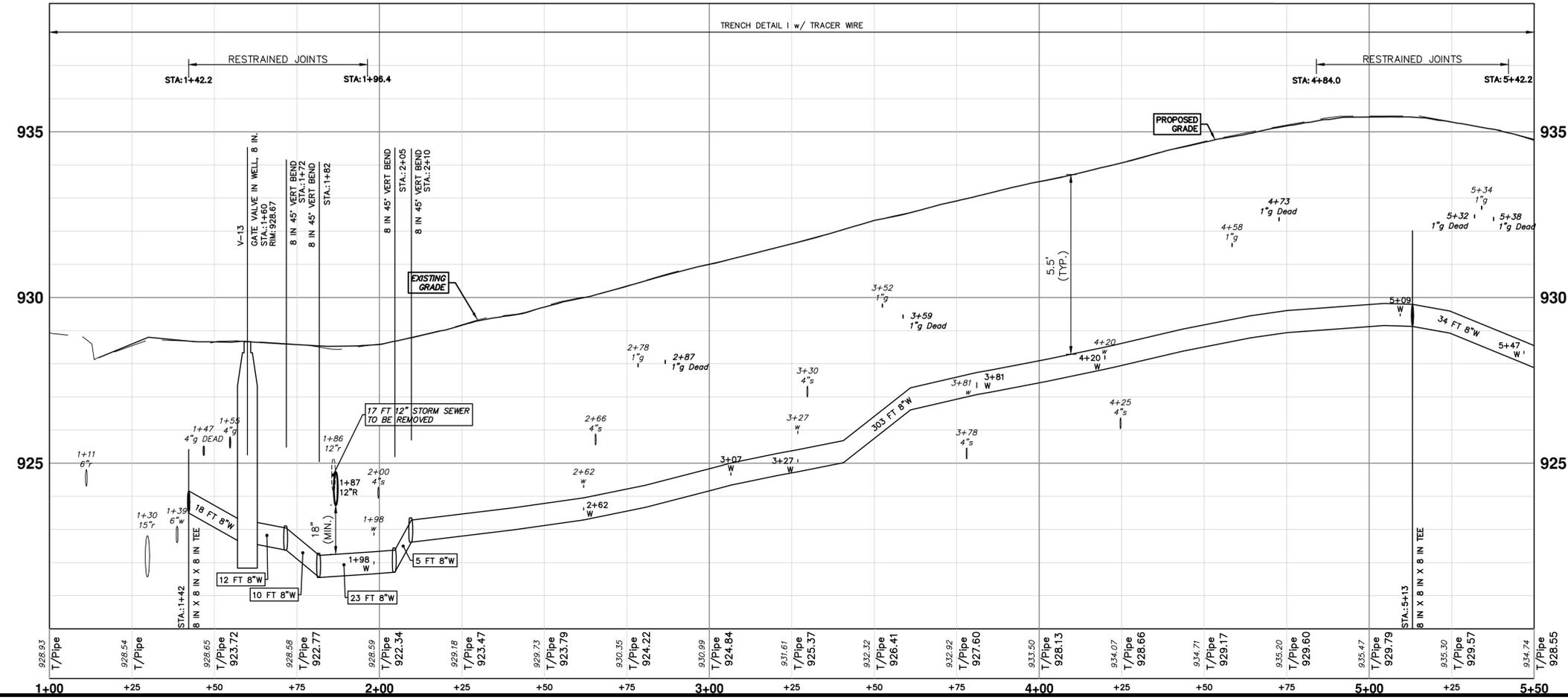
THE CONTRACTOR SHALL REMOVE AND ABANDON THE NECESSARY PORTIONS OF THE EXISTING WATER MAINS IN ORDER TO FACILITATE THE PROPOSED WATER MAIN INTER-CONNECTION. ALL COSTS ASSOCIATED WITH PERFORMING THE INTER-CONNECTION, COORDINATING UTILITY SHUTDOWNS, ABANDONING WATER MAIN, RE-ABANDONING THE WATER MAIN AND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

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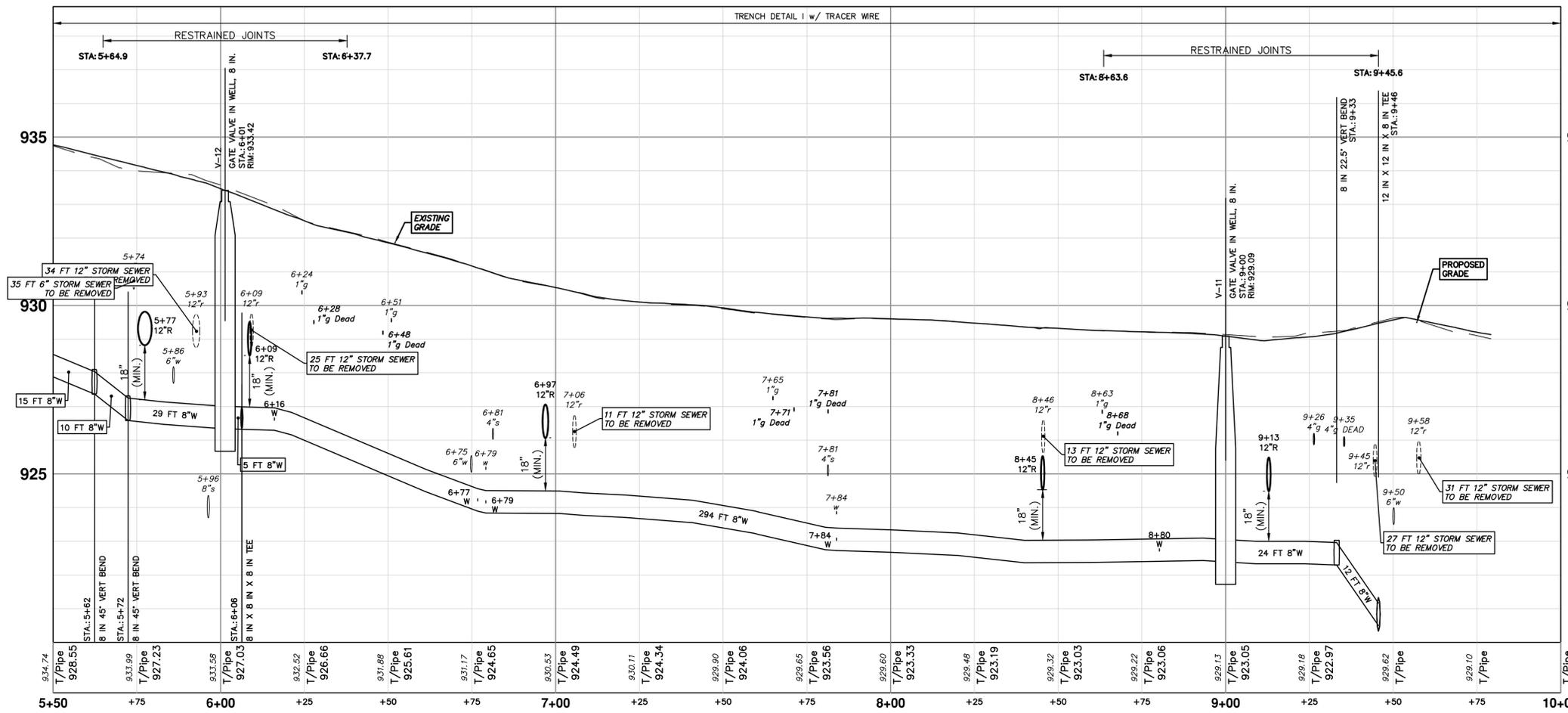
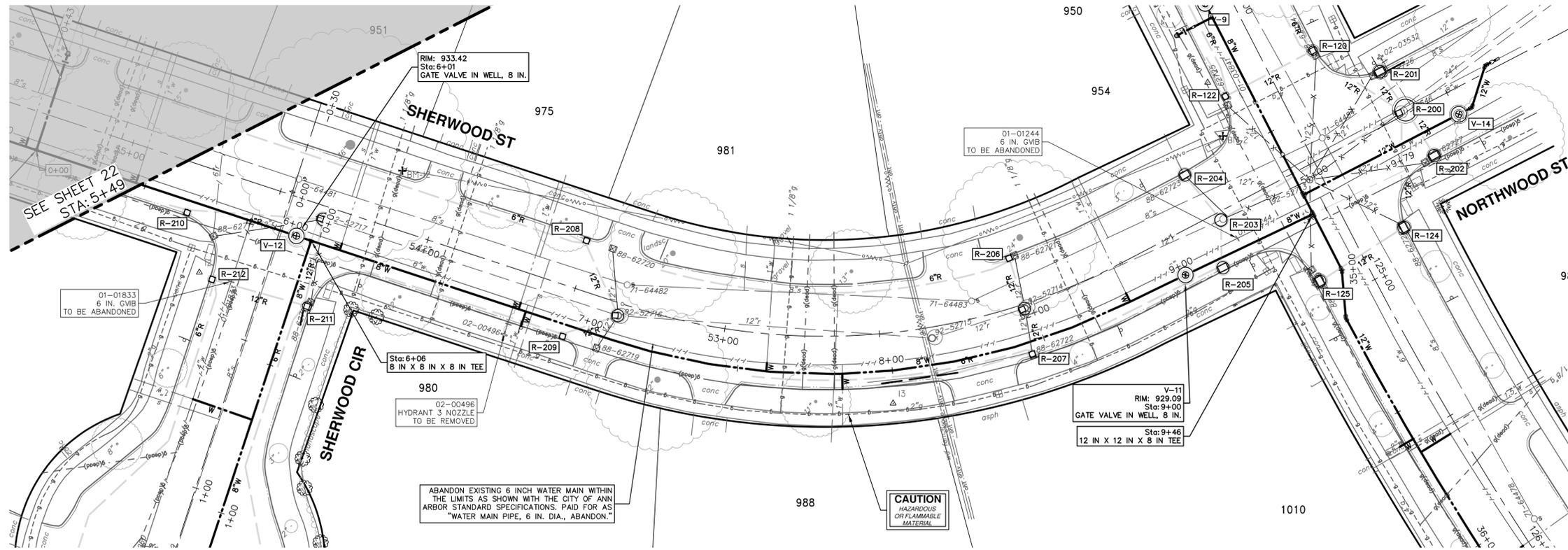
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ARBORDALE SHERWOOD WATER MAIN  
WATER MAIN PLAN & PROFILE - SHERWOOD ST  
WATER 1+00 TO 5+50  
SCALE PLAN: 1" = 80'  
PROFILE: 1" = 2'  
DRAWING NO. 2025011-22  
SHEET NO. 22 OF 51

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WATER MAIN STRUCTURES			
STRUCTURE	TYPE	STATION	RIM
V-12	Gate Valve in Well, 8 In.	6+01	933.42
V-11	Gate Valve in Well, 8 In.	9+00	929.09

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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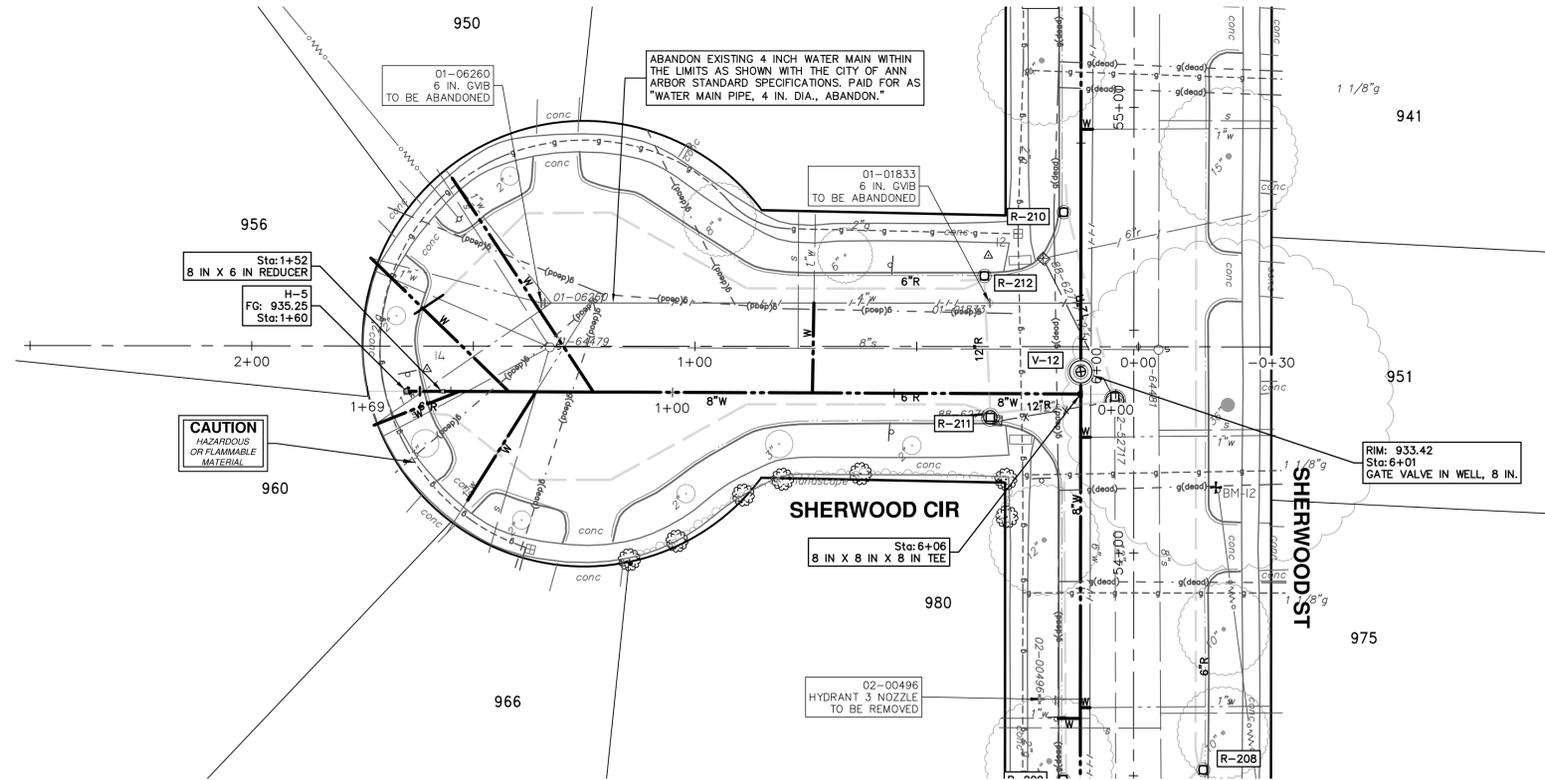
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WATER MAIN PLAN & PROFILE - SHERWOOD ST

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 4'  
DRAWING NO.  
2025011-23

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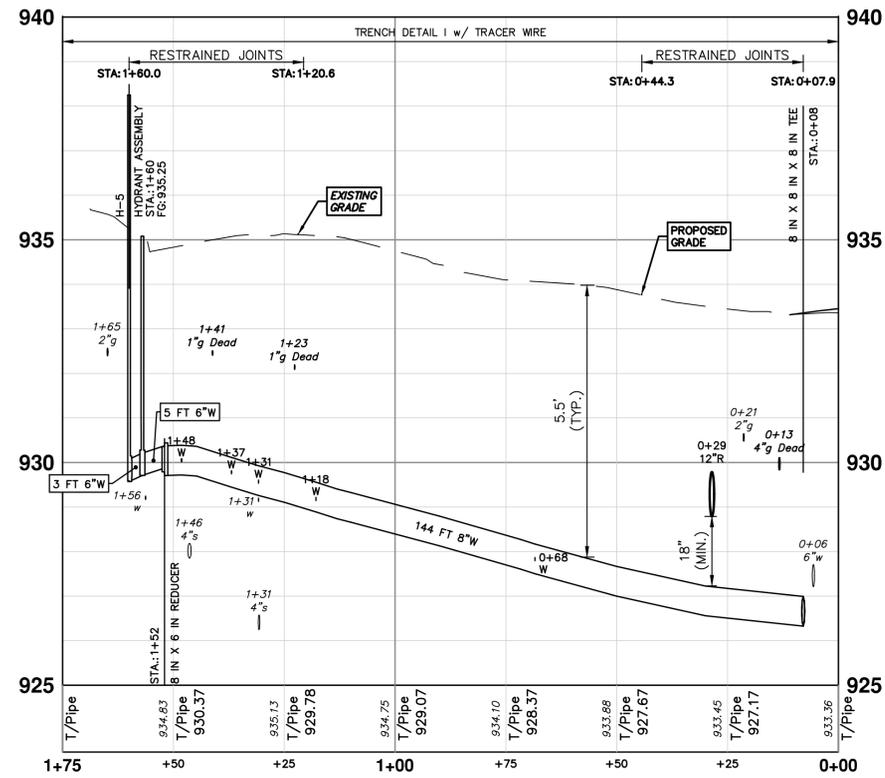


WATER HYDRANT(S)			
NUMBER	TYPE	STATION	FG
H-5	Hydrant Assembly	1+60	935.25

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



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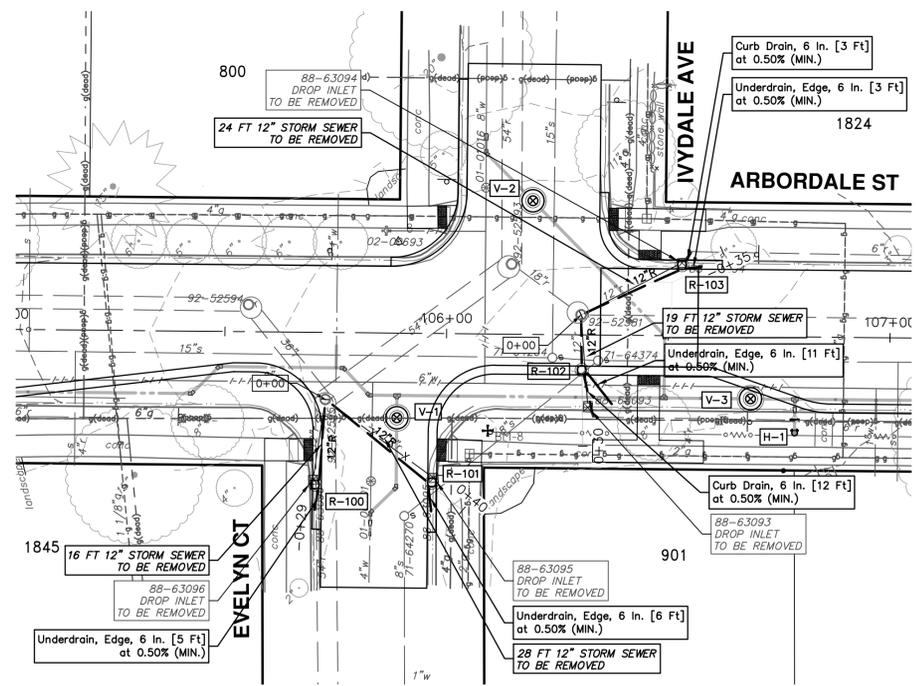
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**ARBORDALE SHERWOOD WATER MAIN**  
 WATER MAIN PLAN & PROFILE - SHERWOOD CIR  
 WATER 0+00 TO 1+75

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

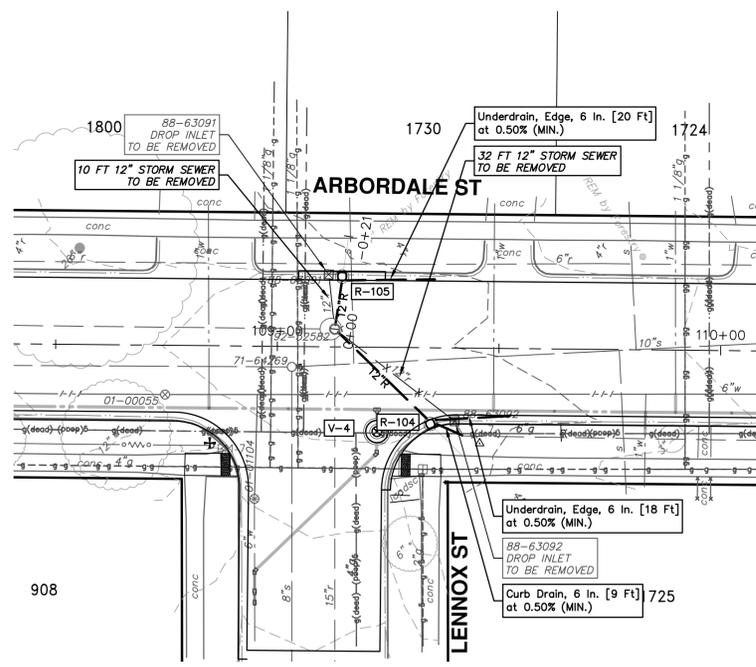
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24 OF 51

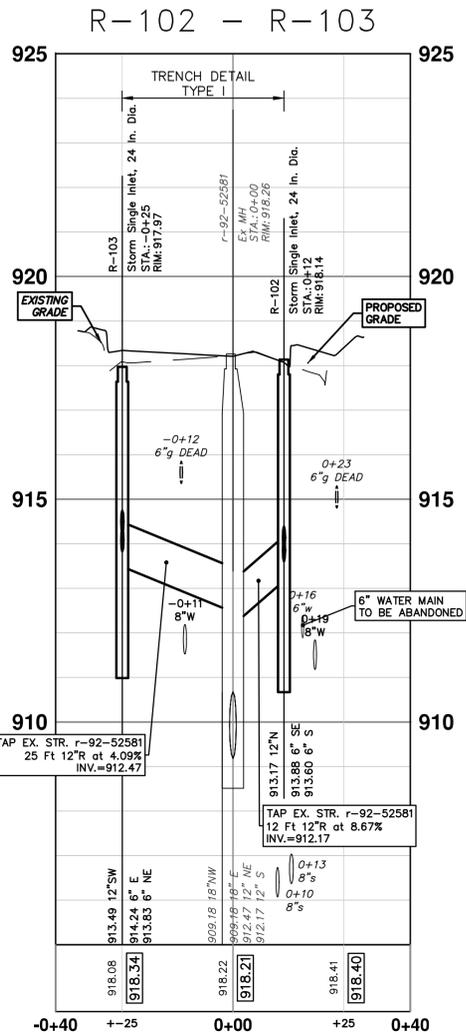
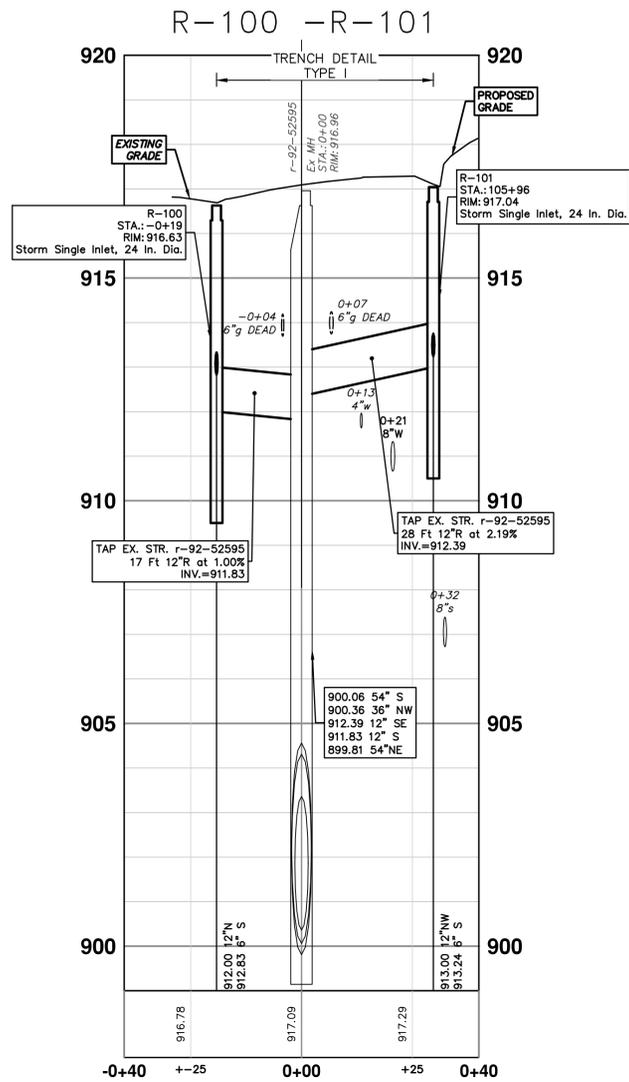
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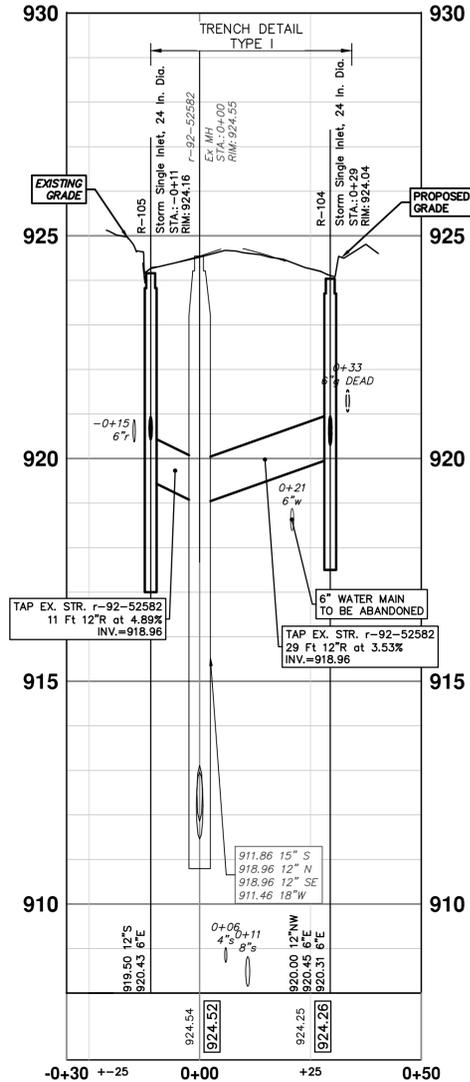
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-100	0+19	Storm Single Inlet, 24 in. Dia.	916.63	6" S 912.83 12" N 912.00	6.63	2'
R-101	0+30	Storm Single Inlet, 24 in. Dia.	917.04	6" S 913.24 12" NW 913.00	6.04	2'
R-102	0+12	Storm Single Inlet, 24 in. Dia.	918.14	6" SE 913.88 6" S 913.60 12" N 913.17	6.97	2'
R-103	0+25	Storm Single Inlet, 24 in. Dia.	917.97	6" E 914.24 6" NE 913.83 12" SW 913.49	6.49	2'
R-104	0+29	Storm Single Inlet, 24 in. Dia.	924.04	12" NW 920.00 6" E 920.45 6" E 920.31	6.04	2'
R-105	0+11	Storm Single Inlet, 24 in. Dia.	924.16	12" S 919.50 6" E 920.43	6.66	2'



R-104 - R-105



STRUCTURE	DEPTH (Feet)	REMOVE
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
88-63091	4.00	Drop Inlet TO BE REMOVED
88-63092	3.53	Drop Inlet TO BE REMOVED



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ARBORDALE SHERWOOD WATER MAIN  
STORM PLAN & PROFILES  
IVYDALE EVELYN LENNOX

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO.  
2025011-25  
SHEET NO.  
25 OF 51



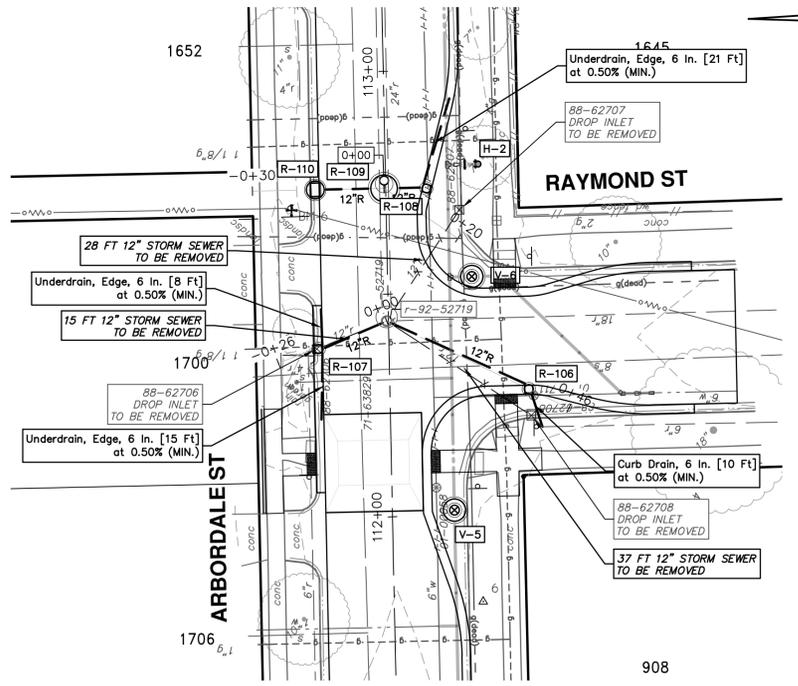
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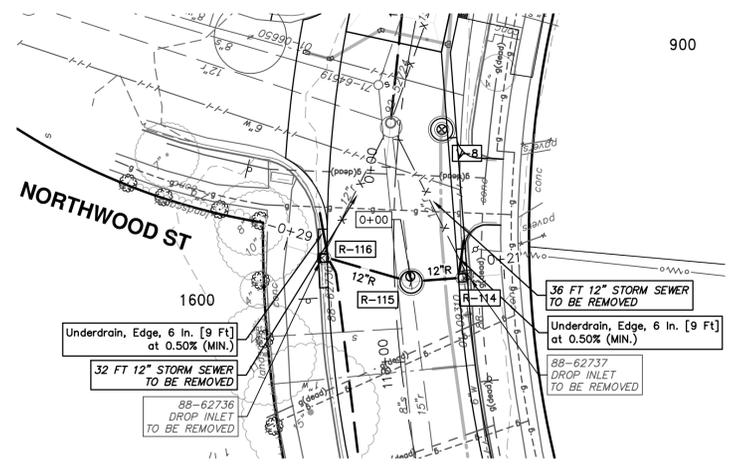


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**ARBORDALE SHERWOOD WATER MAIN**  
STORM PLAN & PROFILES  
RAYMOND NORTHWOOD

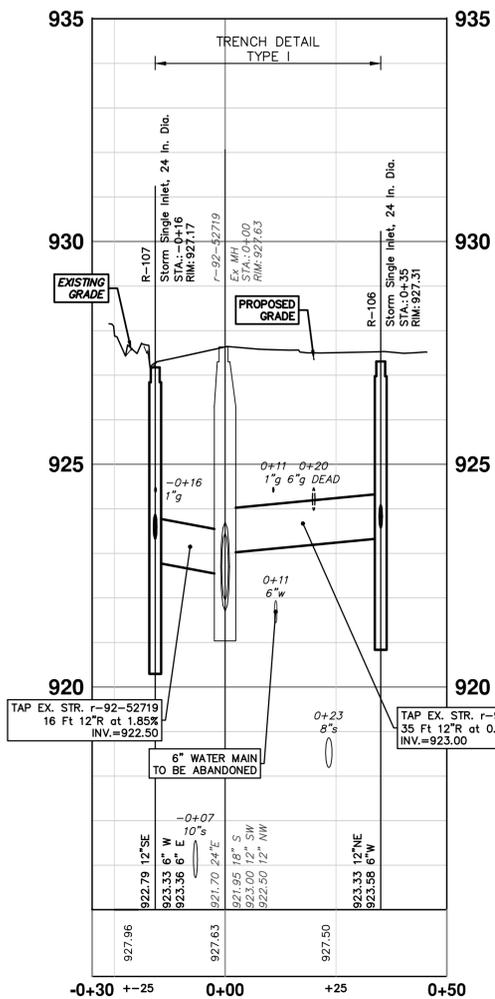
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SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING NO. 2025011-26



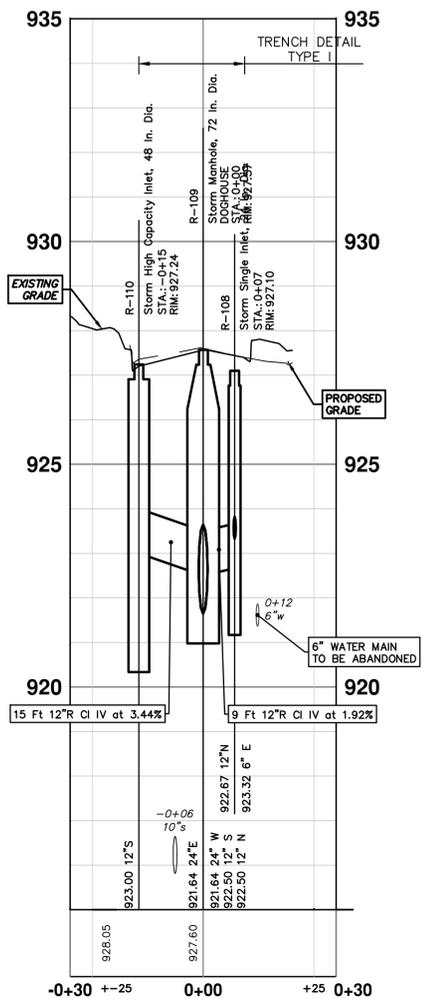
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-106	0+35	Storm Single Inlet, 24 In. Dia.	927.31	12" NE 923.33 6" W 923.58	5.97	2'
R-107	0+16	Storm Single Inlet, 24 In. Dia.	927.17	6" W 923.33 6" E 923.36 12" SE 922.79	6.38	2'
R-108	0+07	Storm Single Inlet, 24 In. Dia.	927.10	6" E 923.32 12" N 922.67	5.43	1'
R-109	0+00	Storm Manhole, 72 In. Dia. DOGHOUSE	927.57	24" W 921.64 12" S 922.50 12" N 922.50 24" E 921.64	5.92	0'
R-110	0+15	Storm High Capacity Inlet, 48 In. Dia.	927.24	12" S 923.00	6.24	2'
R-114	0+11	Storm Single Inlet, 24 In. Dia.	930.82	6" SE 927.02 12" NE 926.25	6.57	2'
R-115	0+00	Storm Manhole, 60 In. Dia. DOGHOUSE	931.34	15" SE 922.28 12" NE 926.00 12" SW 926.00 15" NW 922.28	9.06	0'
R-116	0+19	Storm Single Inlet, 24 In. Dia.	930.81	6" E 927.10 12" SW 926.50 6" W 927.10	6.31	2'



R-106 - R-107

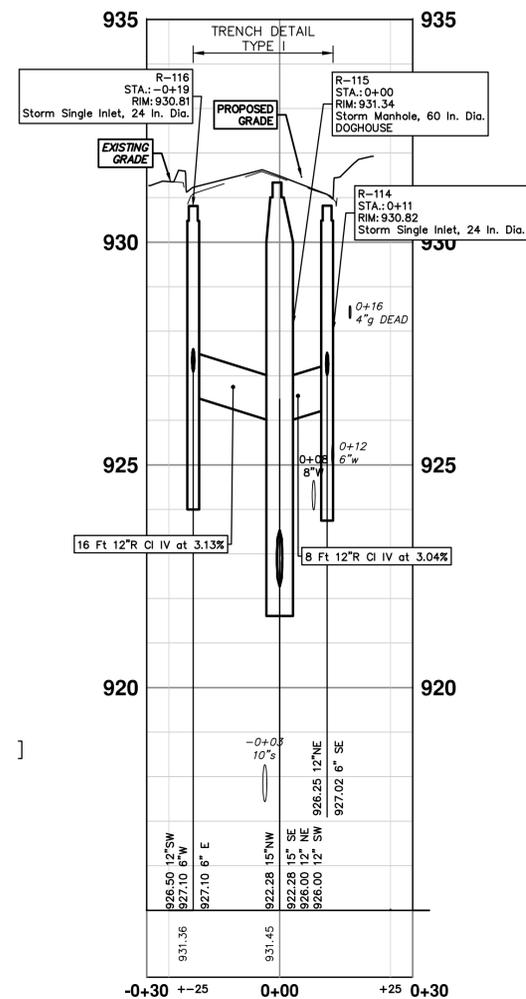


R-108 - R-110



STRUCTURE	DEPTH (Feet)	REMOVE
88-62736	3.60	Drop Inlet TO BE REMOVED
88-62737	2.70	Drop Inlet TO BE REMOVED
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

R-114 - R-116

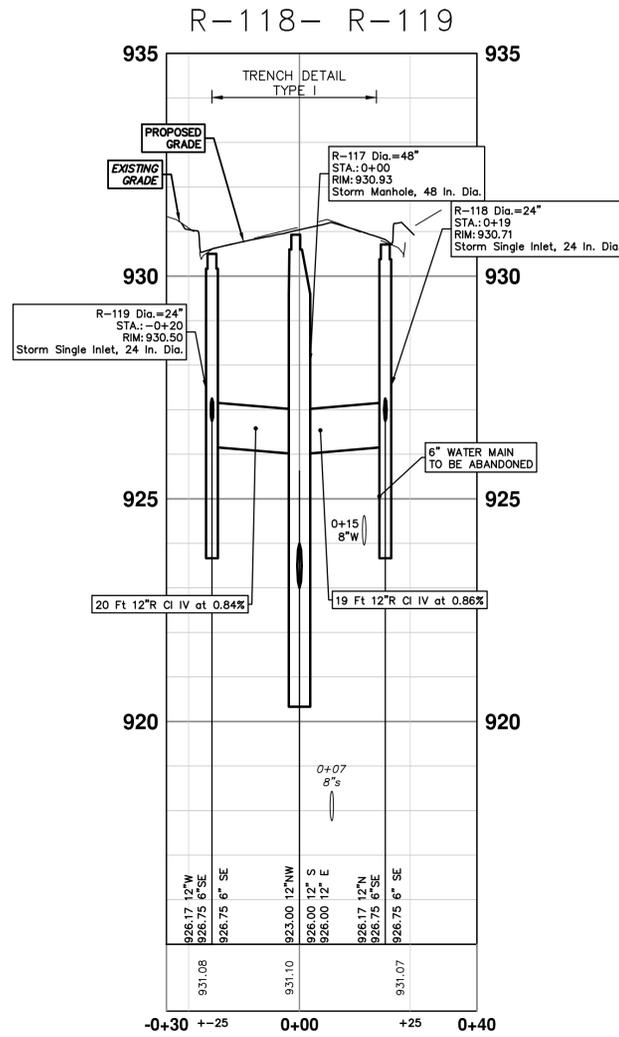
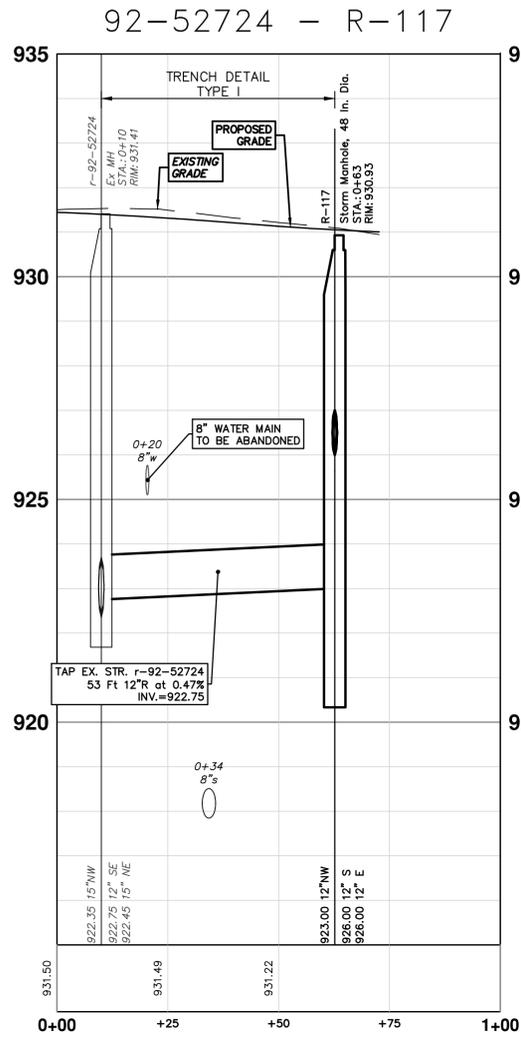
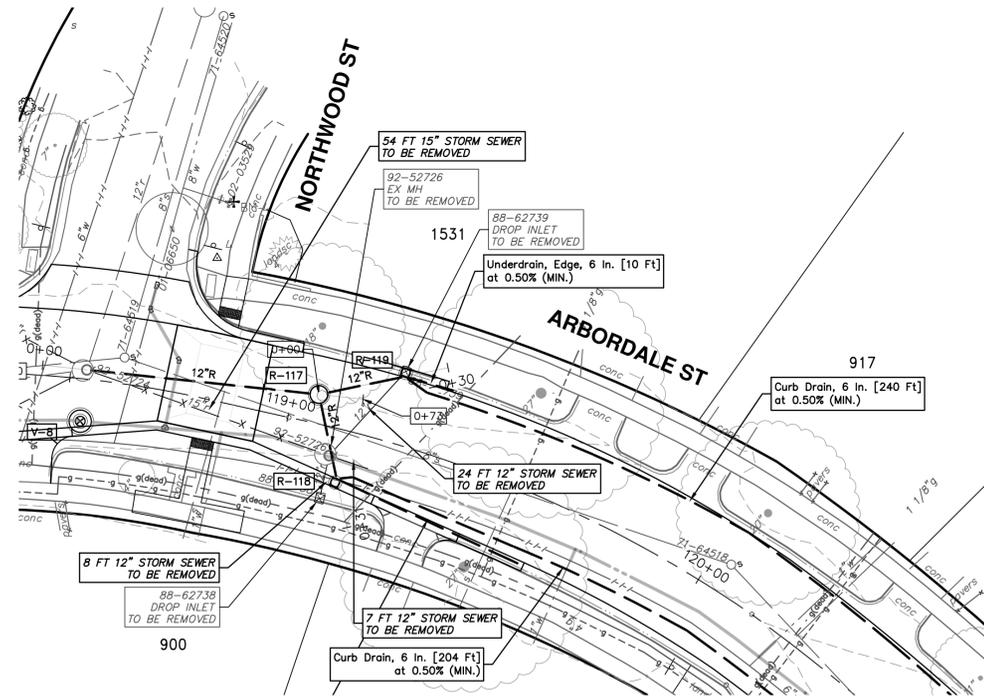


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STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-117	0+63	Storm Manhole, 48 In. Dia.	930.93	12" S 926.00 12" E 926.00 12" NW 923.00	9.93	2'
R-118	0+19	Storm Single Inlet, 24 In. Dia.	930.71	6" SE 926.75 12" N 926.17 6" SE 926.75	6.54	2'
R-119	0+20	Storm Single Inlet, 24 In. Dia.	930.50	6" SE 926.75 12" W 926.17 6" SE 926.75	6.33	2'

EXISTING STORM SEWER STRUCTURE REMOVAL TABLE		
STRUCTURE	DEPTH (Feet)	REMOVE
88-62739	2.80	Drop Inlet TO BE REMOVED
88-62738	3.20	Drop Inlet TO BE REMOVED
92-52726	8.15	Ex MH TO BE REMOVED



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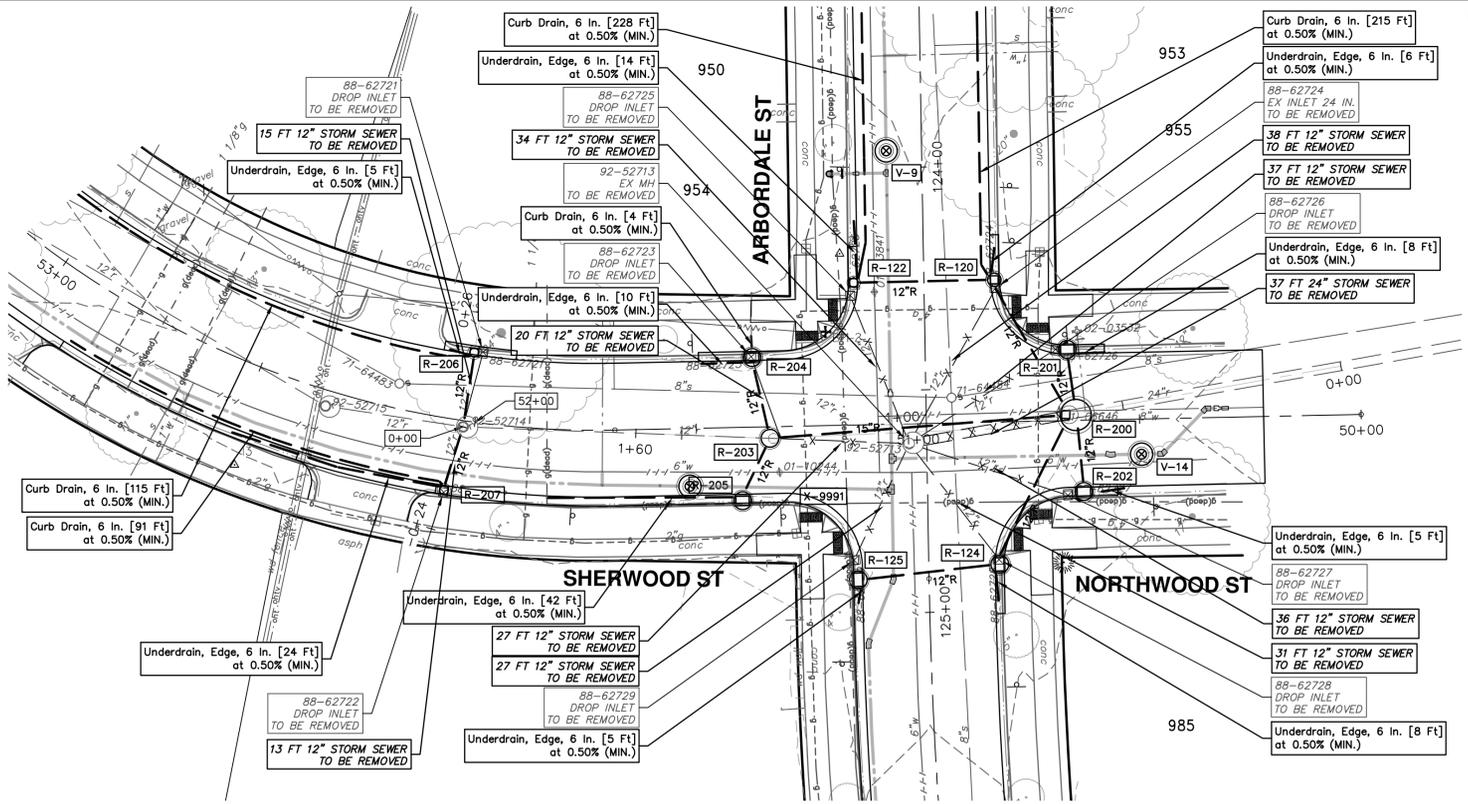
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ARBORDALE SHERWOOD WATER MAIN  
STORM PLAN & PROFILES  
NORTHWOOD

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'  
DRAWING No.  
2025011-27

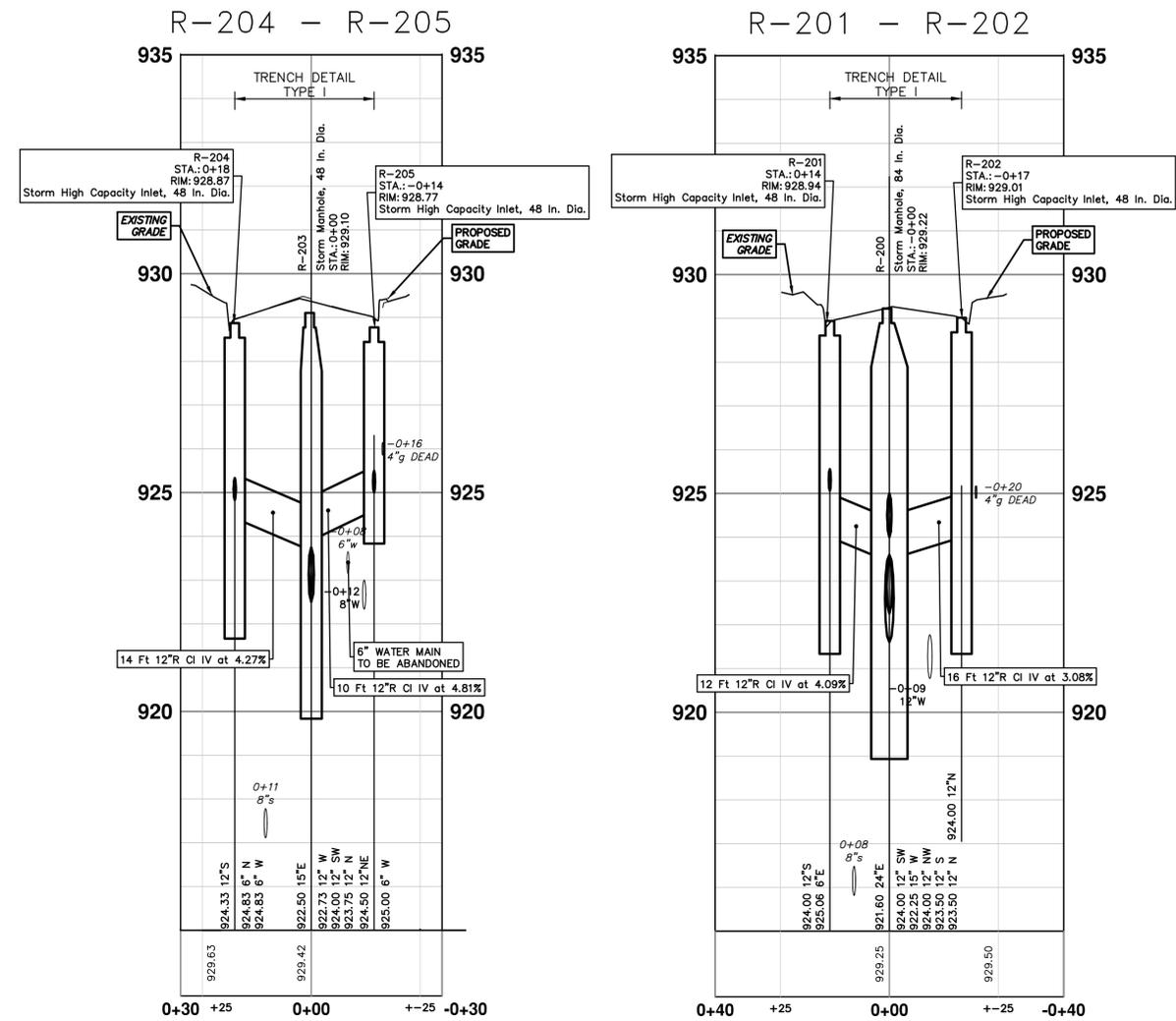
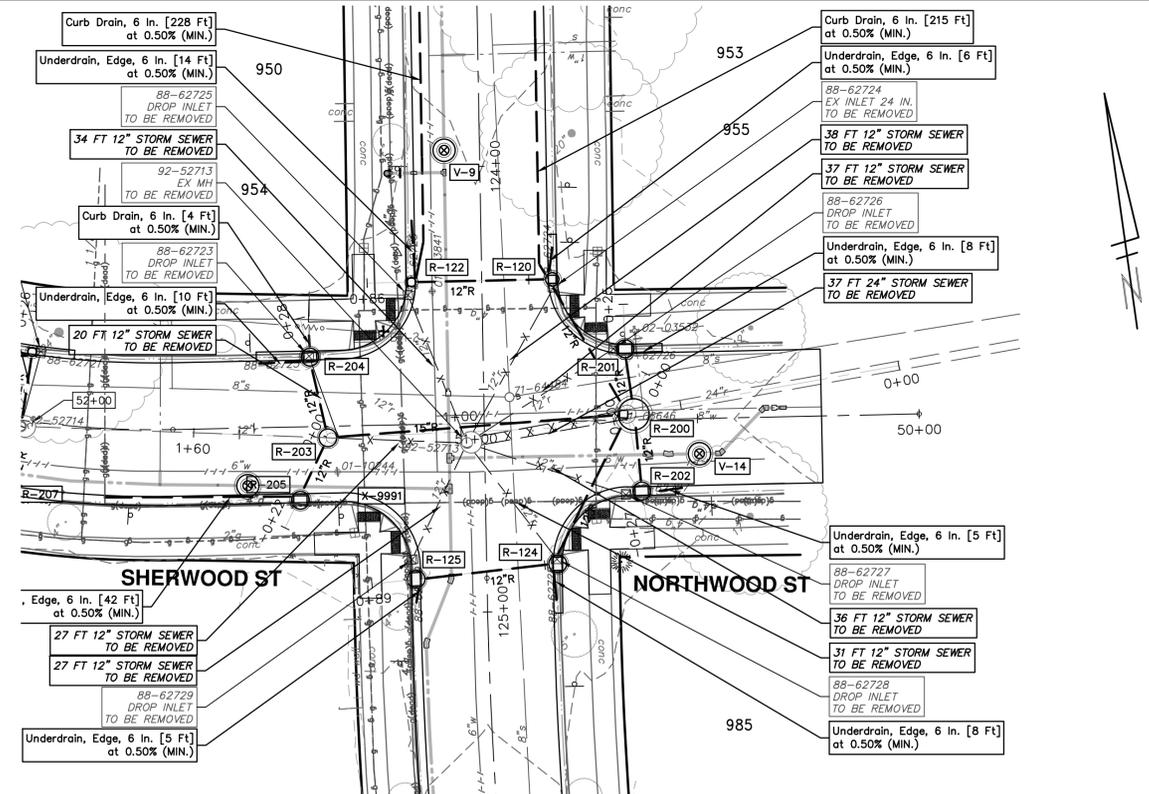
STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-120	0+46	Storm Inlet-Junction, 36 In. Dia.	929.39	6" NW 924.51 6" N 925.20 12" W 924.33 12" SE 924.33	7.06	2'
R-122	0+76	Storm Single Inlet, 24 In. Dia.	929.53	6" N 924.86 6" N 925.55 12" E 924.75	6.78	2'
R-124	0+48	Storm High Capacity Inlet, 48 In. Dia.	929.18	12" W 924.33 12" NE 924.33 6" S 924.43	6.85	2'
R-125	0+78	Storm High Capacity Inlet, 48 In. Dia.	929.04	12" E 924.50 6" S 924.69	6.54	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-206	0+16	Storm Single Inlet, 24 In. Dia.	929.18	6" W 924.77 12" S 924.69 6" NW 924.77	6.49	2'
R-207	0+14	Storm Single Inlet, 24 In. Dia.	929.14	6" NW 924.69 6" W 925.26 12" NE 924.64	6.50	2'



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STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-201	0+14	Storm High Capacity Inlet, 48 In. Dia.	928.94	12" S 924.00 6" E 925.06	6.94	2'
R-202	0+17	Storm High Capacity Inlet, 48 In. Dia.	929.01	12" N 924.00	7.01	2'
R-204	0+18	Storm High Capacity Inlet, 48 In. Dia.	928.87	6" N 924.83 6" W 924.83 12" S 924.33	6.54	2'
R-205	0+14	Storm High Capacity Inlet, 48 In. Dia.	928.77	6" W 925.00 12" NE 924.50	4.27	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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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**ARBORDALE SHERWOOD WATER MAIN**

STORM PLAN & PROFILES

SHERWOOD NORTHWOOD ARBORDALE



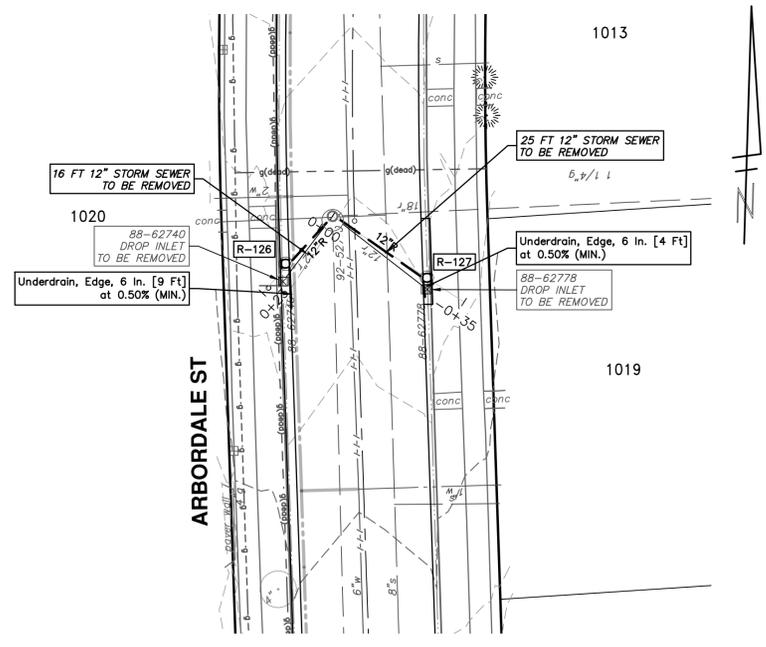
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SCALE PLAN: 1" = 20'  
PROFILE: 1" = 2'

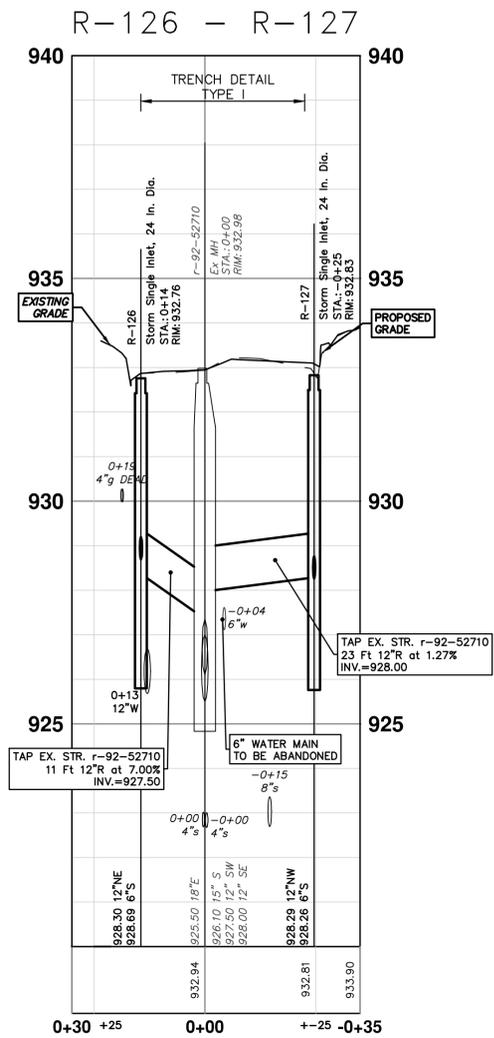
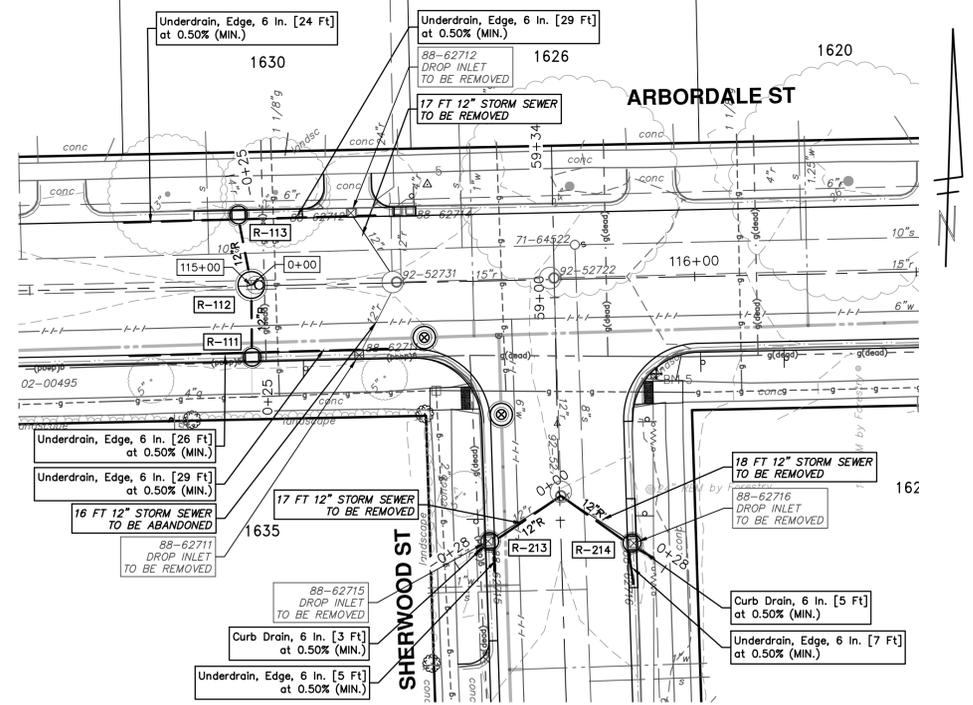
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2025011-29

SHEET No.  
29 OF 51

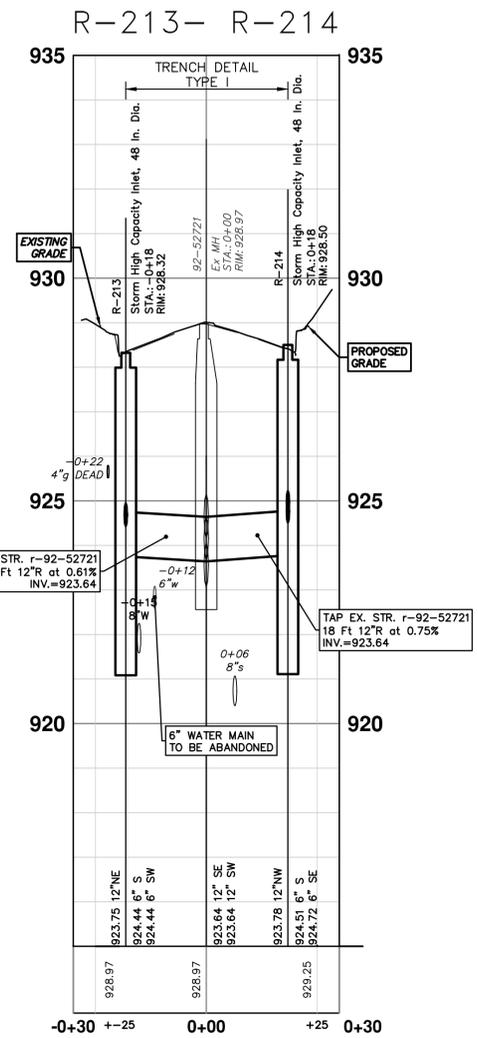
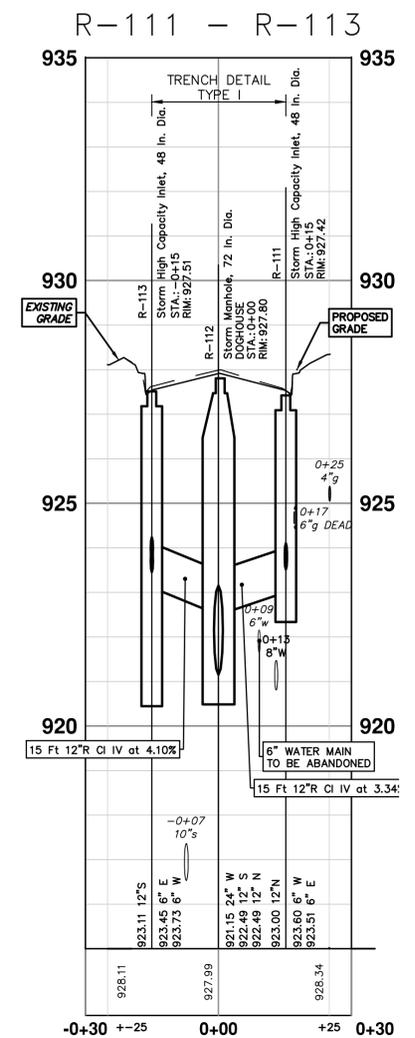
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STORM SEWER STRUCTURE TABLE						
STRUCTURE	UTILITY STATION	TYPE	RIM	INVERTS	DEPTH (Feet)	SUMP
R-111	0+15	Storm High Capacity Inlet, 48 In. Dia.	927.42	6" W 923.60 6" E 923.51 12" N 923.00	4.42	0'
R-112	0+00	Storm Manhole, 72 In. Dia. DOGHOUSE	927.80	24" W 921.15 12" S 922.49 12" N 922.49	6.65	0'
R-113	0+15	Storm High Capacity Inlet, 48 In. Dia.	927.51	6" E 923.45 6" W 923.73 12" S 923.11	6.40	2'
R-126	0+14	Storm Single Inlet, 24 In. Dia.	932.76	12" NE 928.30 6" S 928.69	6.46	2'
R-127	0+25	Storm Single Inlet, 24 In. Dia.	932.83	12" NW 928.29 6" S 928.26	6.57	2'
R-206	0+16	Storm Single Inlet, 24 In. Dia.	929.18	6" W 924.77 12" S 924.69 6" NW 924.77	6.49	2'
R-207	0+14	Storm Single Inlet, 24 In. Dia.	929.14	6" NW 924.69 6" W 925.26 12" NE 924.64	6.50	2'
R-213	0+18	Storm High Capacity Inlet, 48 In. Dia.	928.32	6" S 924.44 6" SW 924.44 12" NE 923.75	6.57	2'



EXISTING STORM SEWER STRUCTURE REMOVAL TABLE		
STRUCTURE	DEPTH (Feet)	REMOVE
88-62740	3.00	Drop Inlet TO BE REMOVED
88-62778	2.90	Drop Inlet TO BE REMOVED
88-62716	2.70	Drop Inlet TO BE REMOVED
88-62721	3.30	Drop Inlet TO BE REMOVED
88-62722	3.20	Drop Inlet TO BE REMOVED
88-62715	3.80	Drop Inlet TO BE REMOVED





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REV.	DATE	DESCRIPTION
00	02-19-2026	OUT FOR BID
01		
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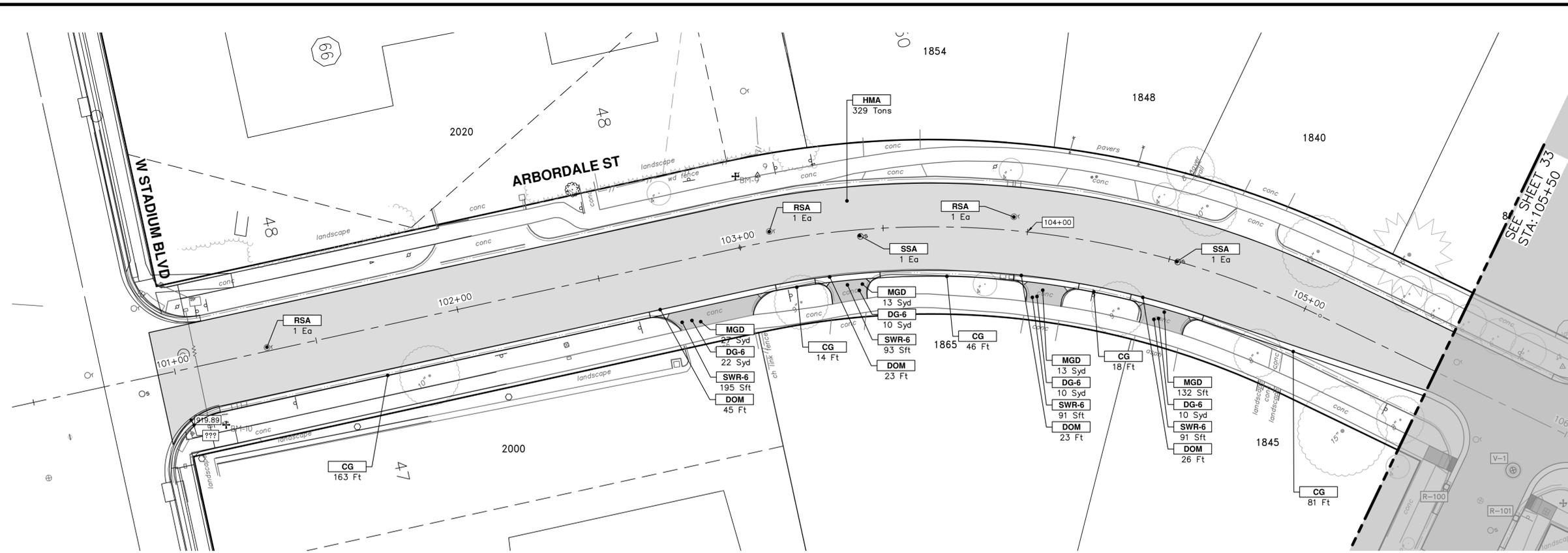
**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
 STORM PLAN & PROFILES  
 SHERWOOD ARBORDALE

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 www.a2gov.org

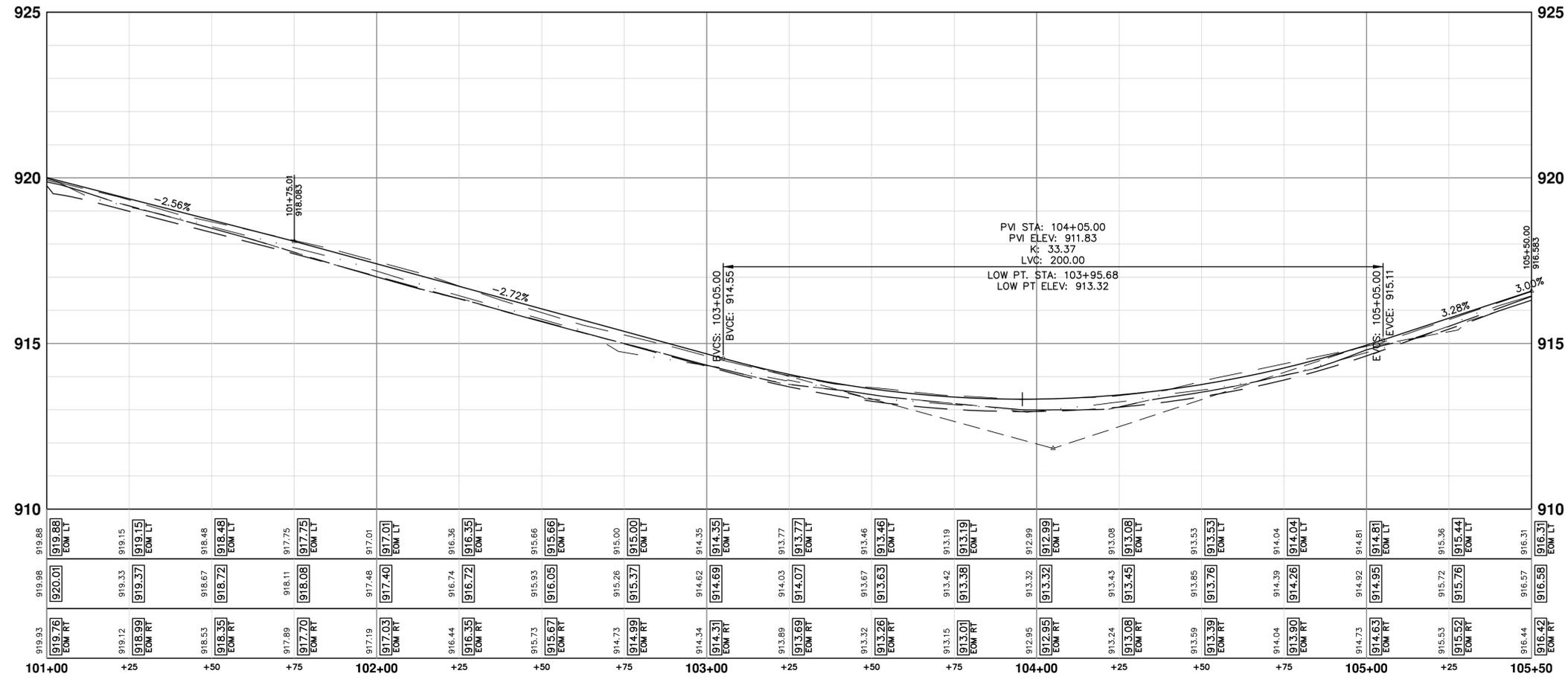
SCALE PLAN: 1" = 80'  
 PROFILE: 1" = 2'  
 DRAWING NO.  
**2025011-30**  
 SHEET NO.  
**30 OF 51**



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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
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  
 P.O.B. - STA. 105+50

SCALE PLAN: 1" = 50'  
 PROFILE: 1" = 2'

DRAWING NO.  
**2025011-32**

REV.	DATE	DESCRIPTION	DRAWN	CHECKED
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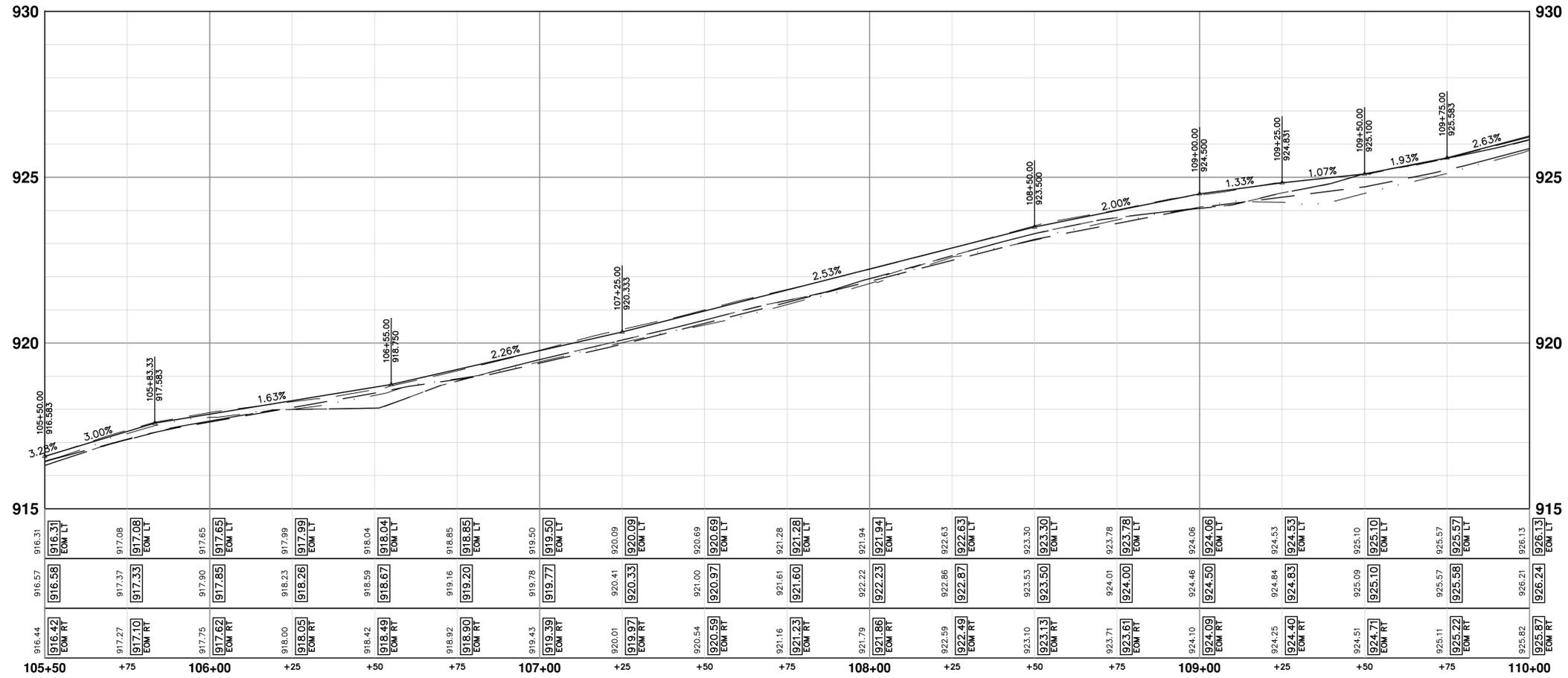
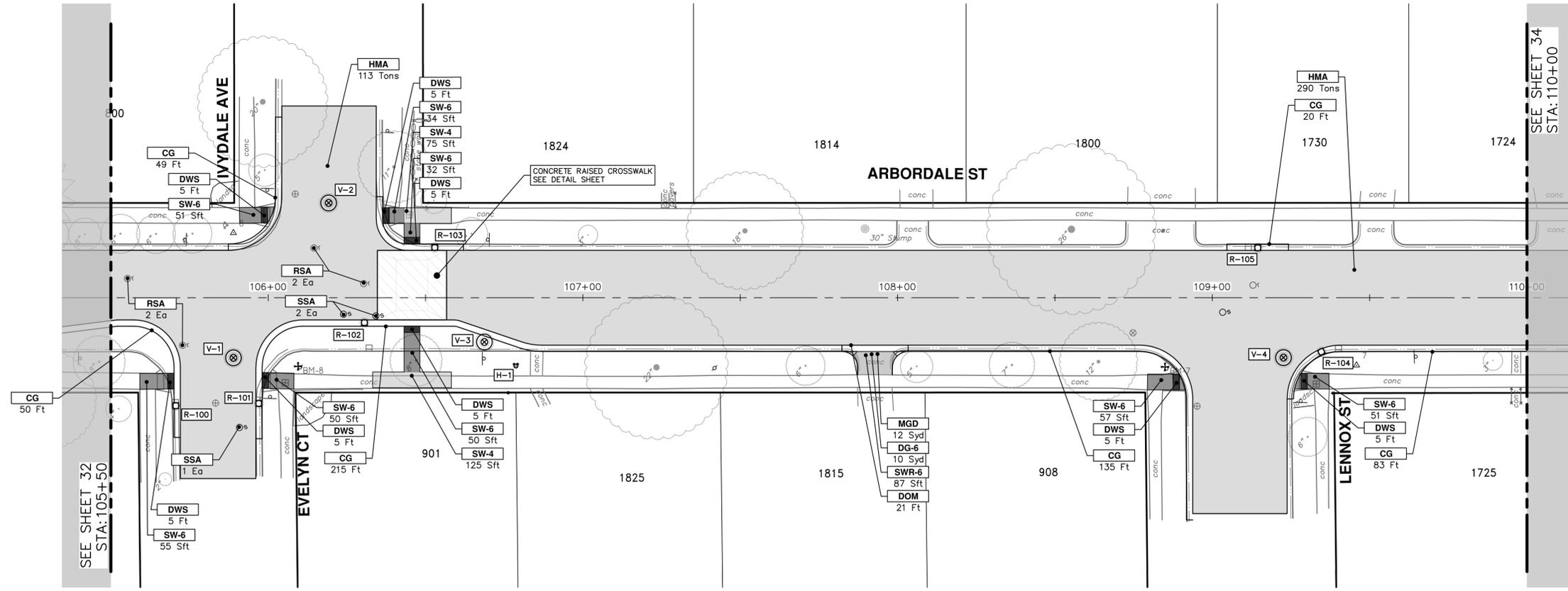
32 OF 51



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

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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
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

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

ARBORDALE SHERWOOD WATER MAIN

ROAD PLAN & PROFILE - ARBORDALE ST

STA. 105+50 - STA. 110+00

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'

DRAWING NO. 2025011-33

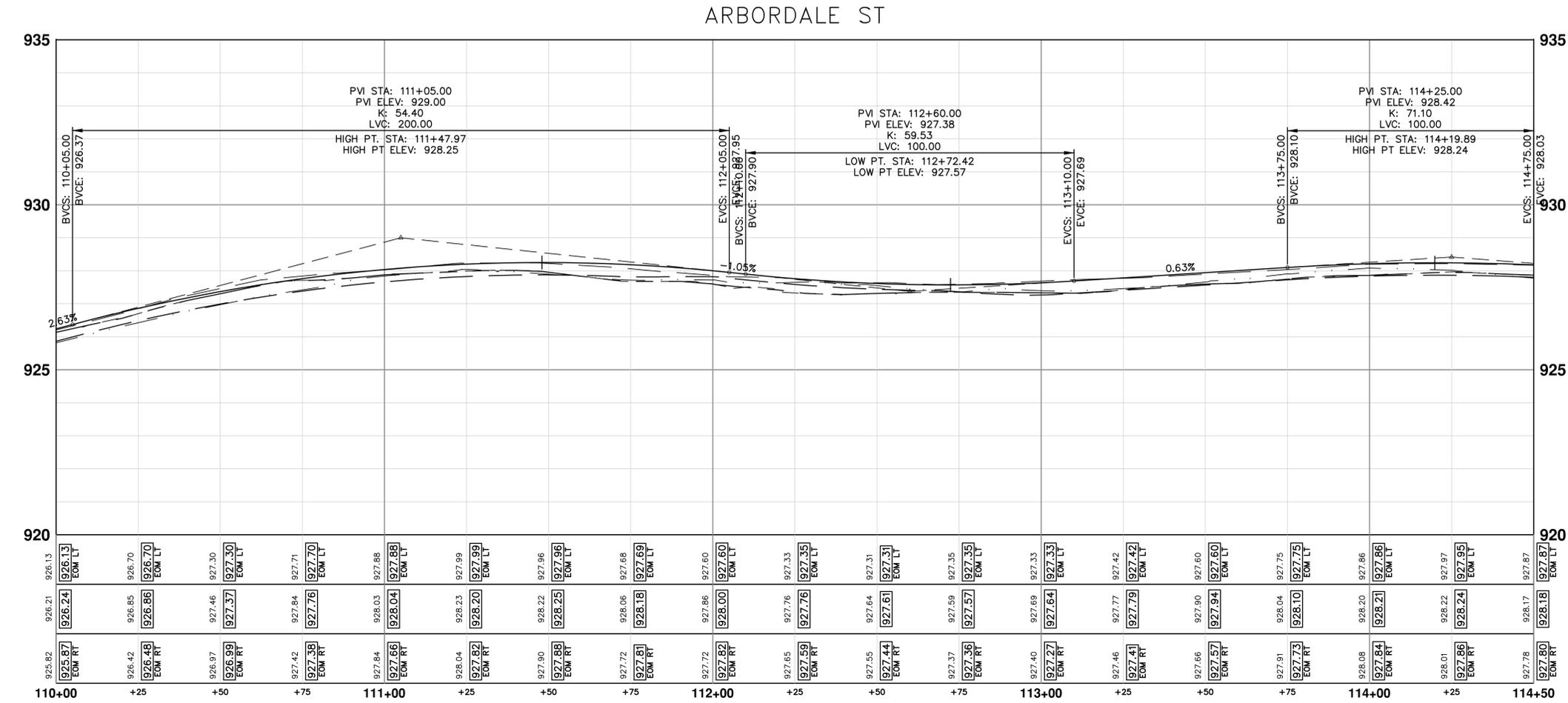
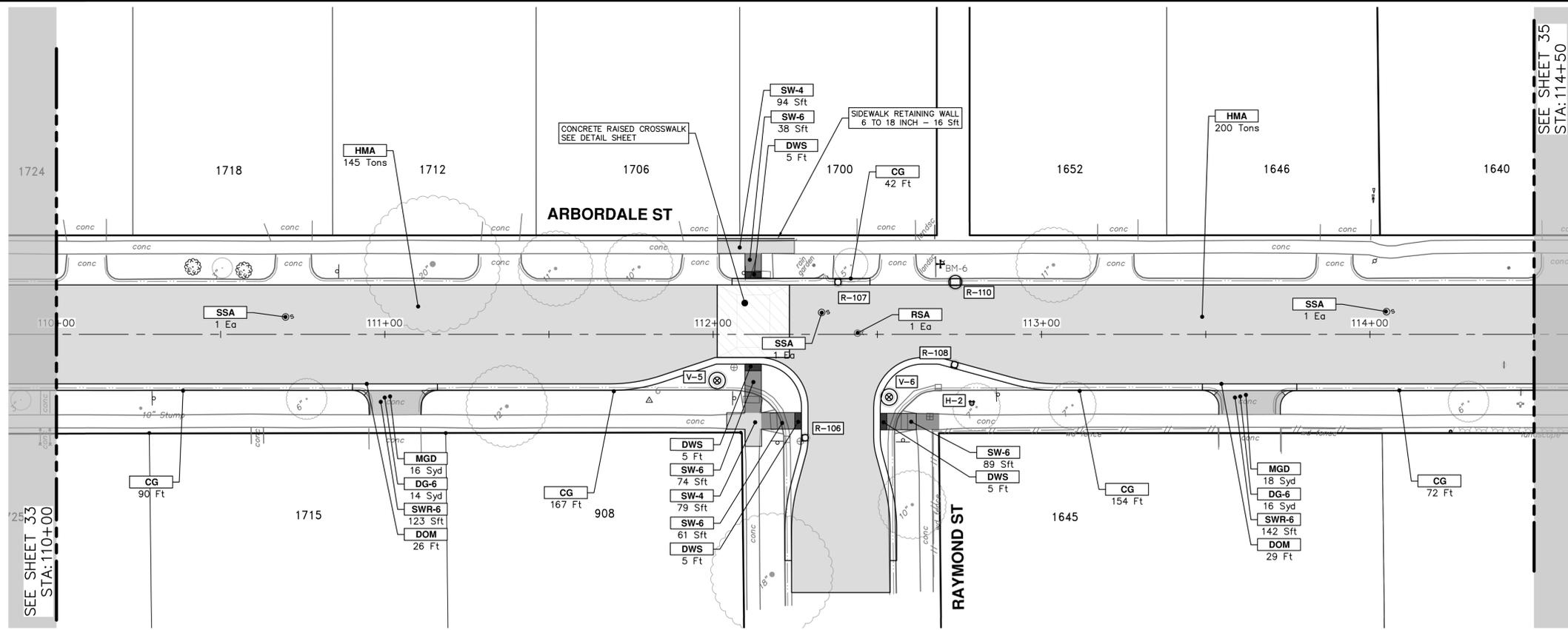
SHEET NO. 33 OF 51

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00	OUT FOR BID	02-19-2026	A2D	NE/AD

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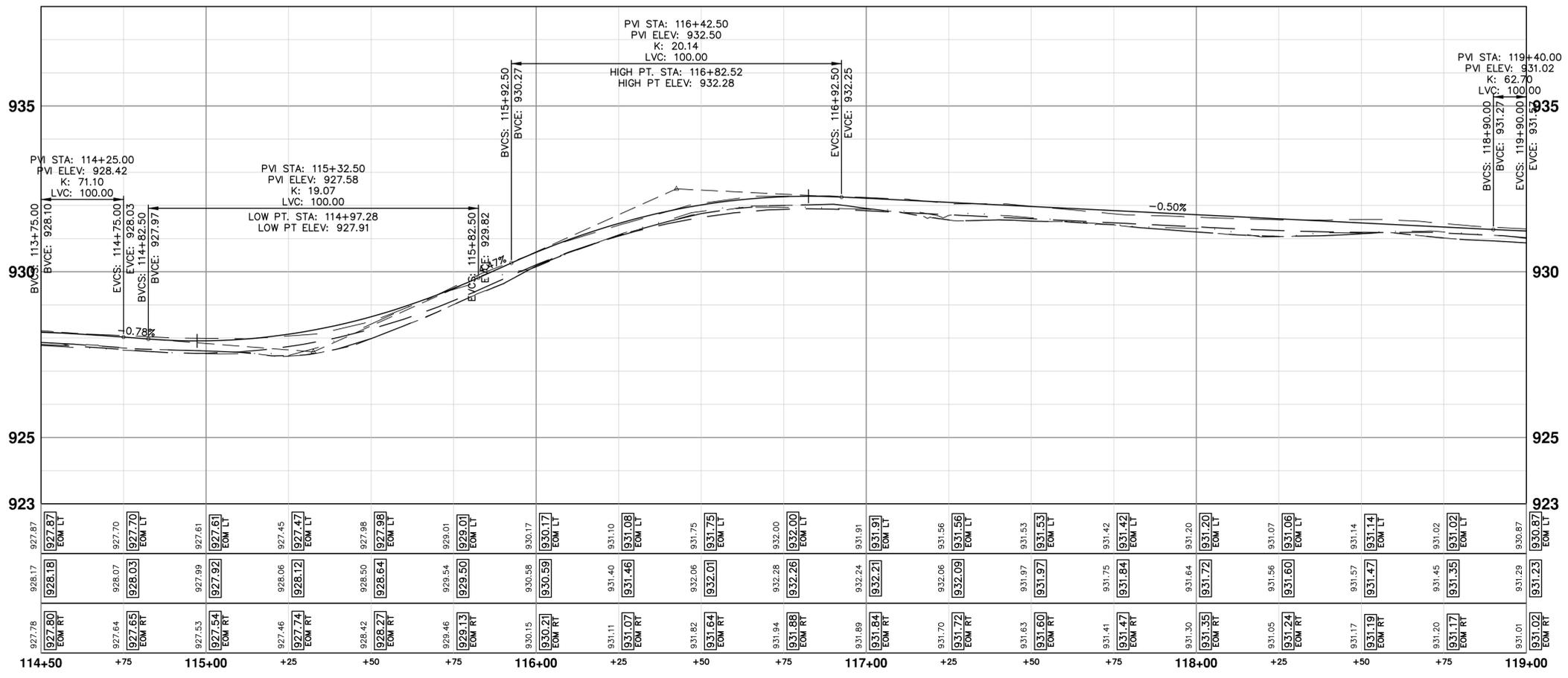
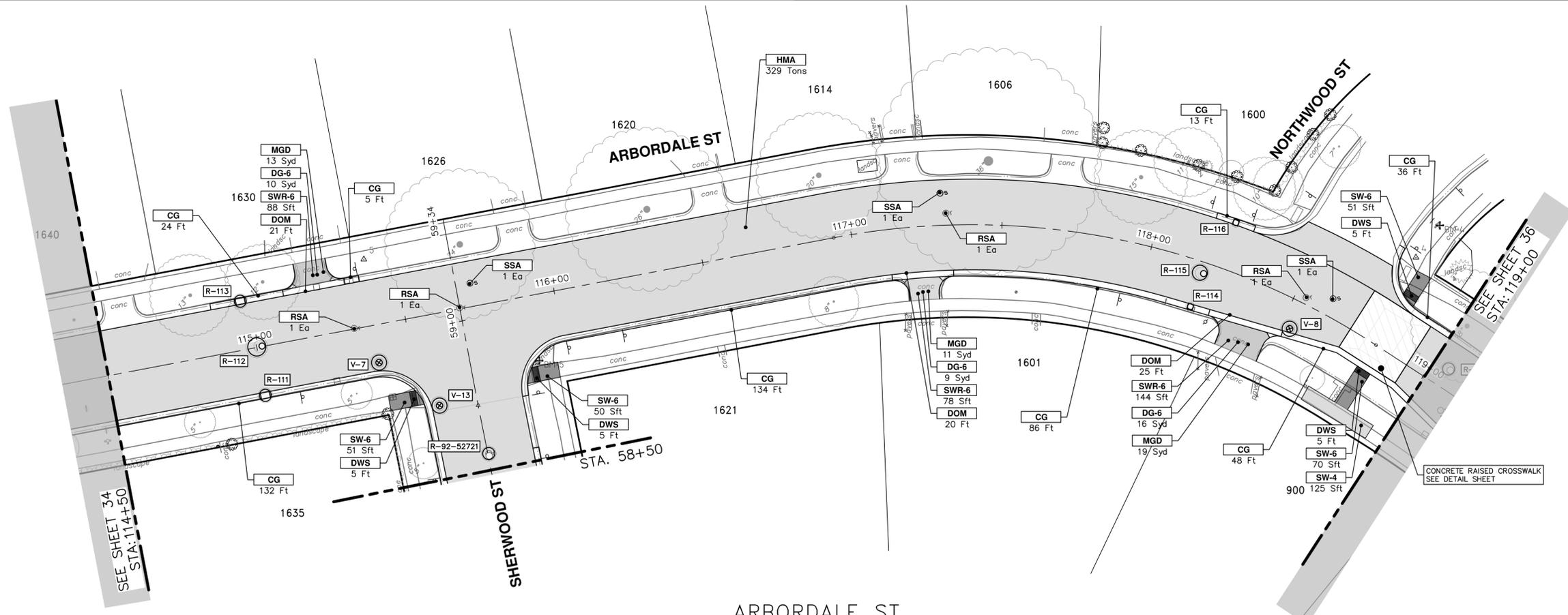


CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
HMA APP	HMA Approach
HP	Hand Patching
CG	Conc. Curb or Curb & Gutter, All Types
DOM	Conc. Driveway Opening, Type M
DOM-HE	Conc. Driveway Opening, Type M, High Early
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. 110+00 - STA. 114+50

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CONSTRUCTION KEY	
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HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
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AMB	Monument Box, Adjust
AGB	Gate Box, Adjust
RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**ARBORDALE SHERWOOD WATER MAIN**

ROAD PLAN & PROFILE - ARBORDALE ST

STA. 114+50 - STA. 119+00

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'

DRAWING NO.  
2025011-35

SHEET NO.  
35 OF 51



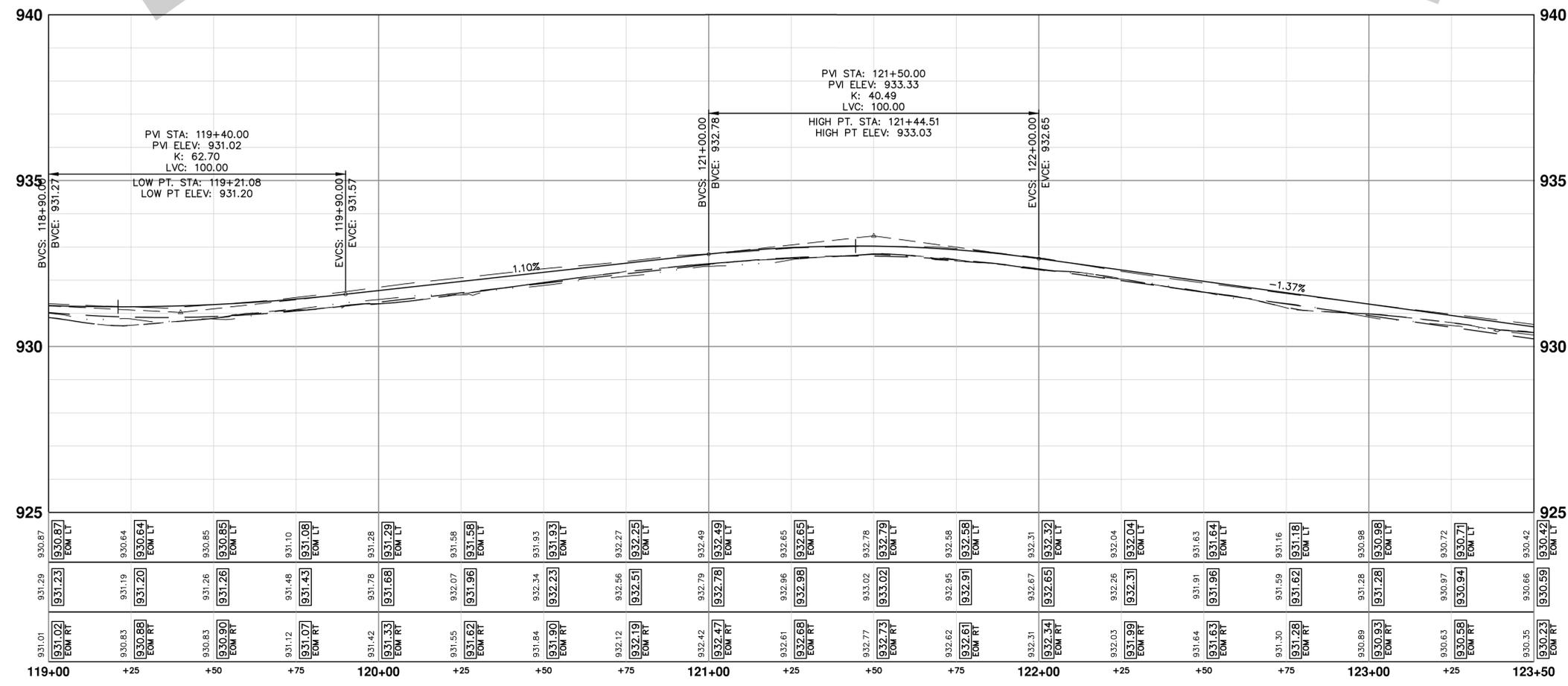
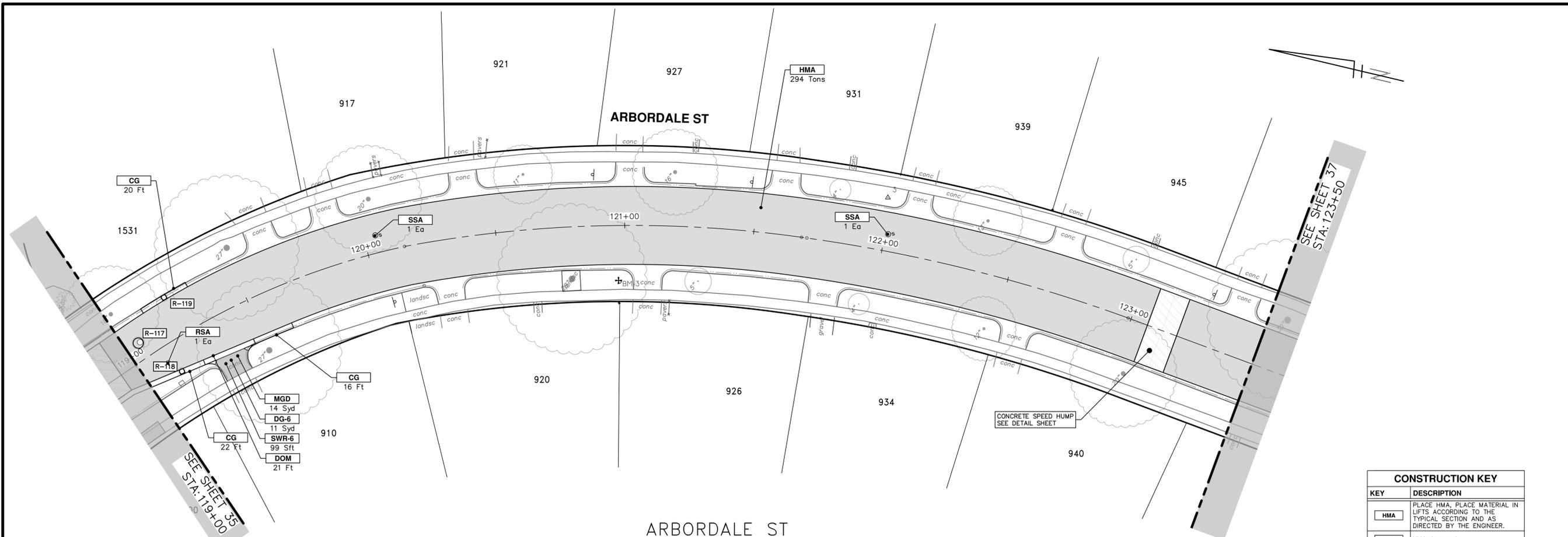
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CONSTRUCTION KEY	
KEY	DESCRIPTION
HMA	PLACE HMA, PLACE MATERIAL IN LIFTS ACCORDING TO THE TYPICAL SECTION AND AS DIRECTED BY THE ENGINEER.
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HP	Hand Patching
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DG-6	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.
SWR-HE	Conc. Sidewalk, Drive Approach, or Ramp, 6 In., High Early
SW8	Conc. Sidewalk, Drive Approach, or Ramp, 8 In.
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ABO	ADJUST BY OTHERS
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RSA	Storm Structure Cover, Adjust
SSA	Sanitary Structure Cover, Adjust
WSA	Water Structure Cover, Adjust

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

ARBORDALE SHERWOOD WATER MAIN  
ROAD PLAN & PROFILE - ARBORDALE ST  
STA. 119+00 - STA. 123+50

SCALE PLAN: 1" = 80'  
PROFILE: 1" = 2'

DRAWING NO.  
2025011-36

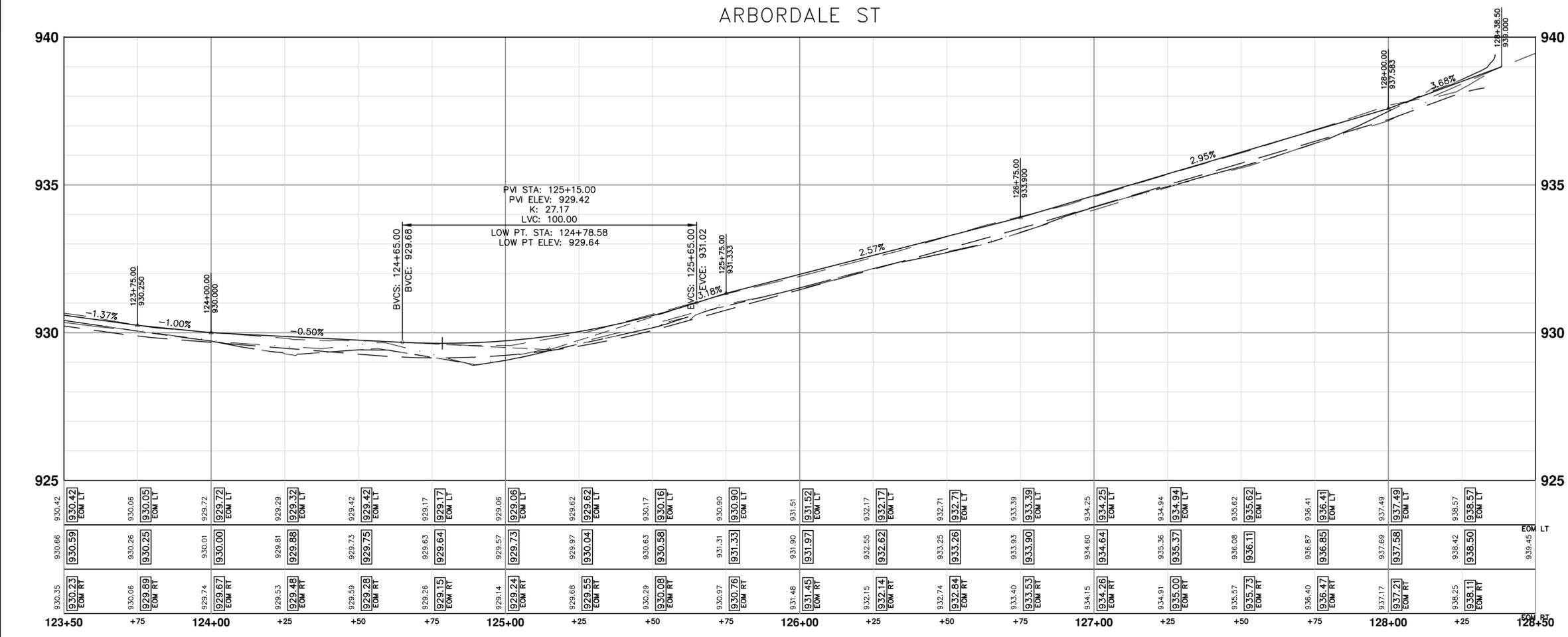
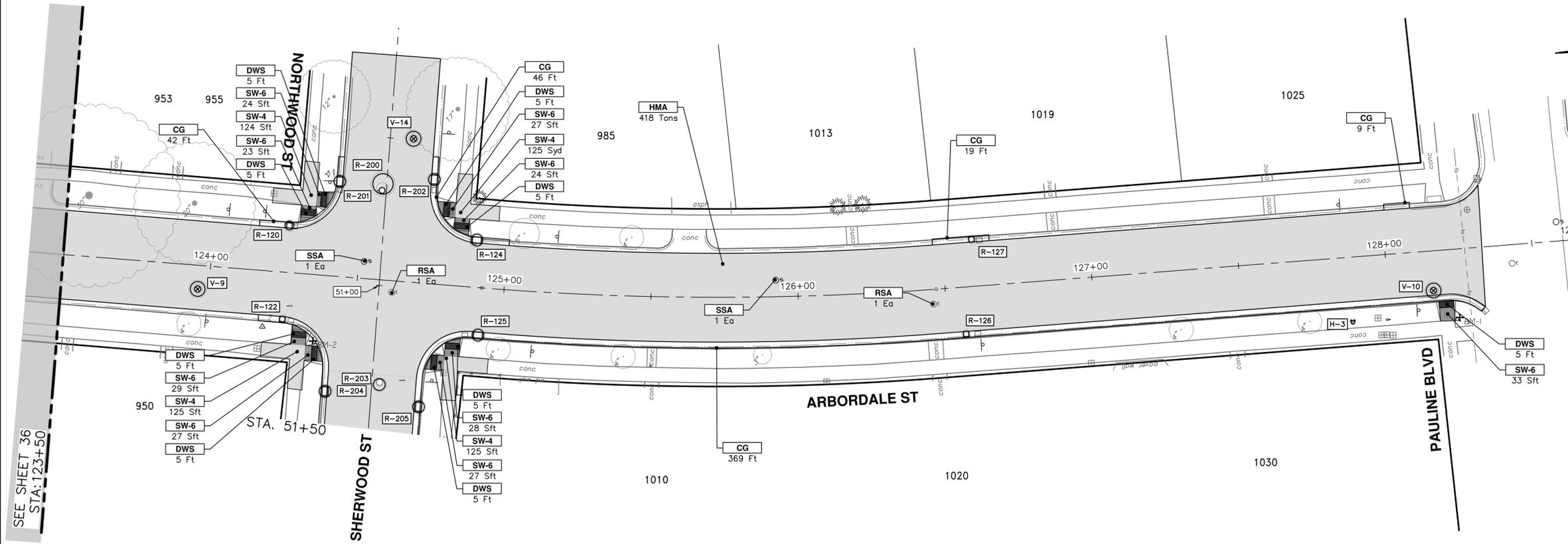
SHEET NO.  
36 OF 51

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CONSTRUCTION KEY	
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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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REV.	DATE	DESCRIPTION	DRAWN	CHECKED
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		OUT FOR BID		



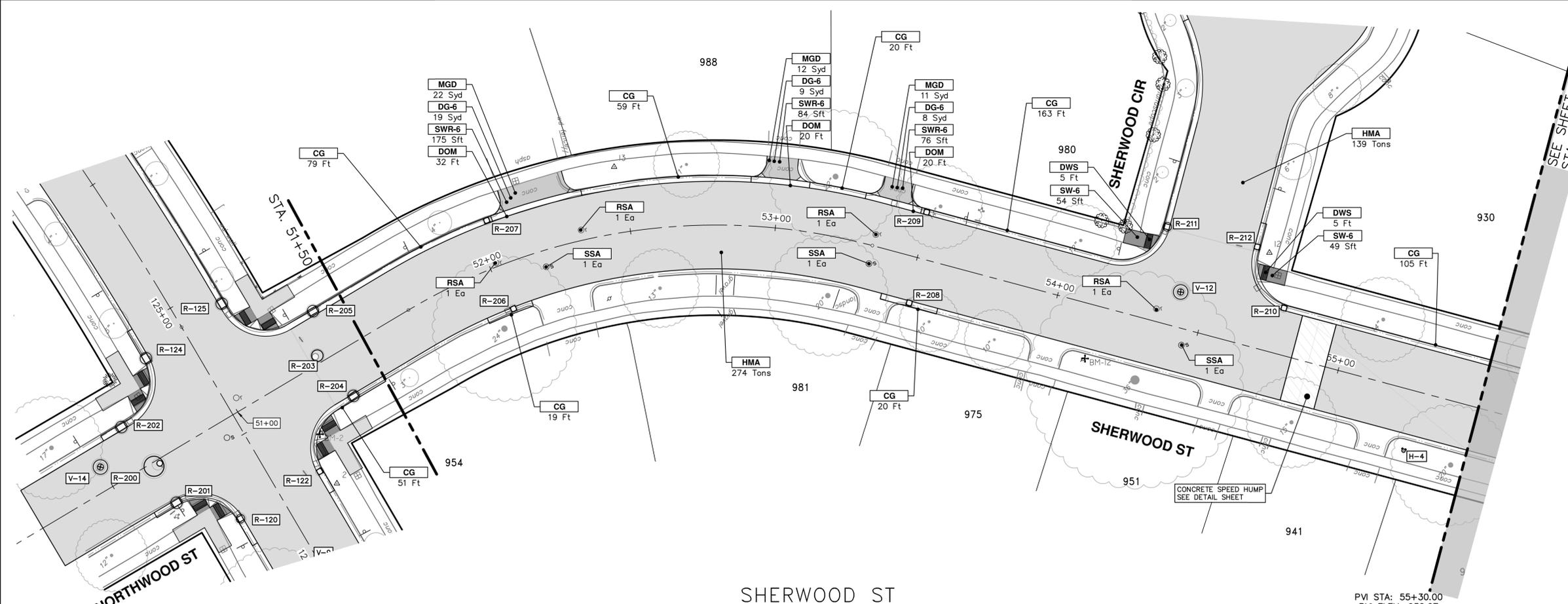
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**ARBORDALE SHERWOOD WATER MAIN**  
 ROAD PLAN & PROFILE - ARBORDALE ST  
 STA. 123+50 - P.O.E.

SCALE PLAN: 1" = 50'  
 PROFILE: 1" = 2'

DRAWING NO.  
**2025011-37**

SHEET No.  
**37 OF 51**

R:\2025011 Arbordale Sherwood MM Resurf\Plan Production\2025011Pr.dwg Dwg Created: 18-Feb-26 --\_a02 standard bw.stb -- Plot Date: 19-Feb-26



CONSTRUCTION KEY	
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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



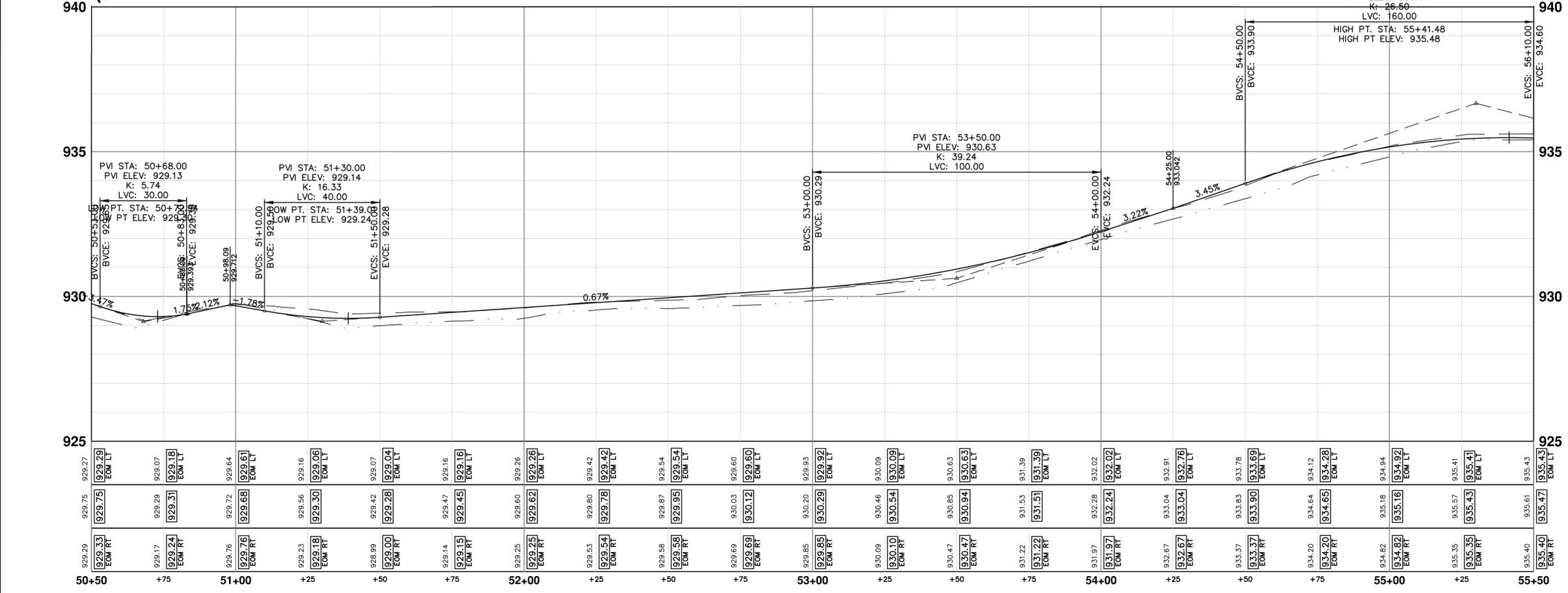
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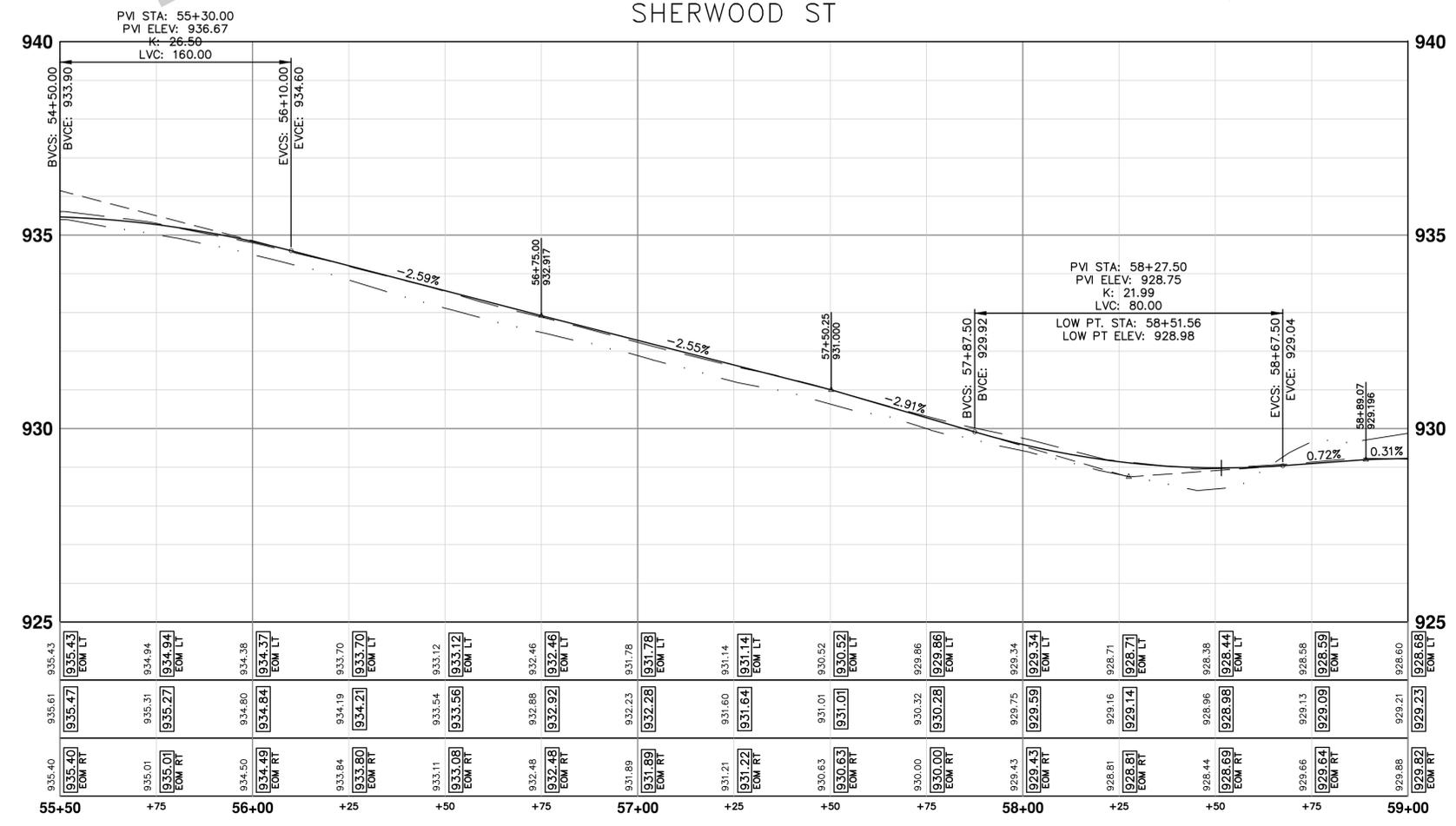
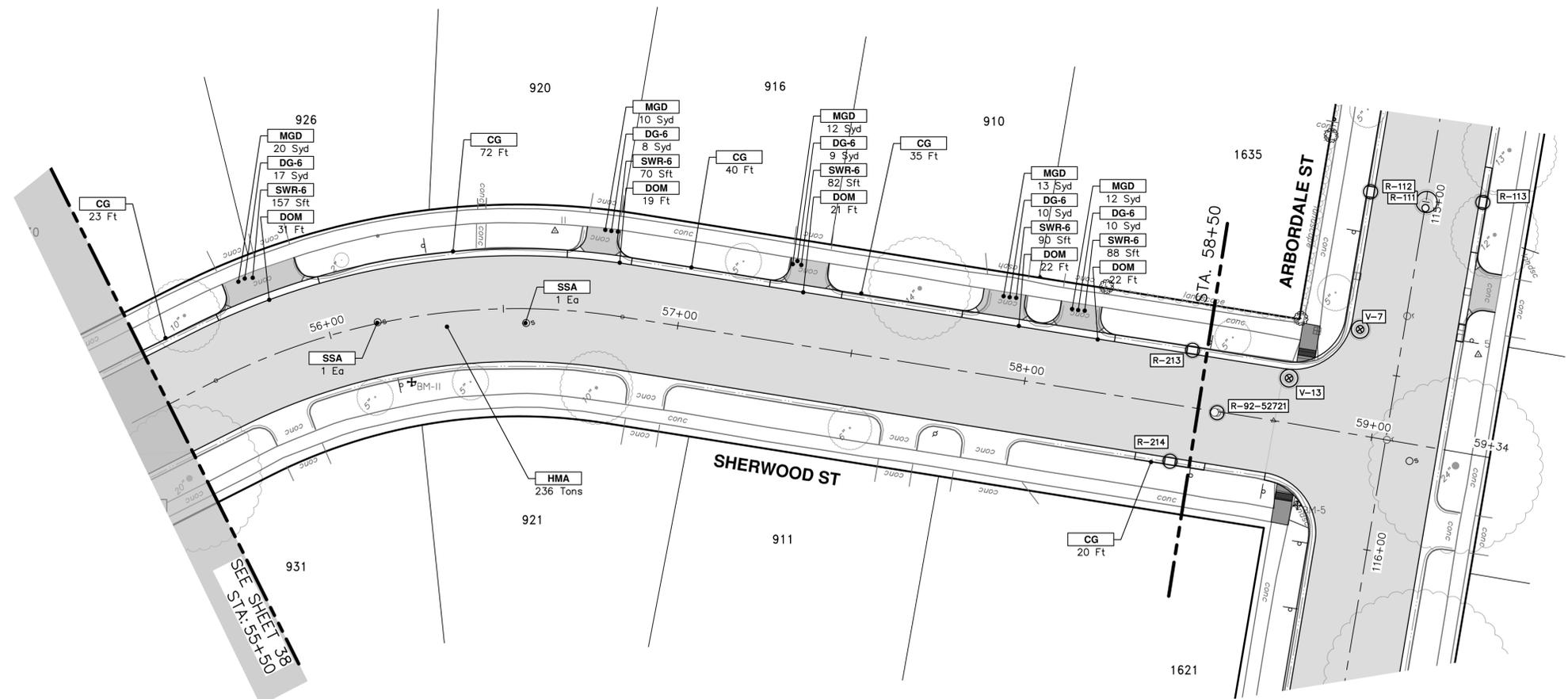


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ARBODALE SHERWOOD WATER MAIN  
ROAD PLAN & PROFILE - SHERWOOD ST  
STA. 51+00 - STA. 55+50

SHEET No. 38 OF 51  
SCALE PLAN: 1" = 80'  
PROFILE: 1" = 2'  
DRAWING No. 2025011-38



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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.
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DWS	Detectable Warning Surface
ABO	ADJUST BY OTHERS
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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 - SHERWOOD ST  
STA. 55+50 - STA. 58+50

SCALE PLAN: 1" = 50'  
PROFILE: 1" = 2'

DRAWING NO.  
2025011-39

**811**  
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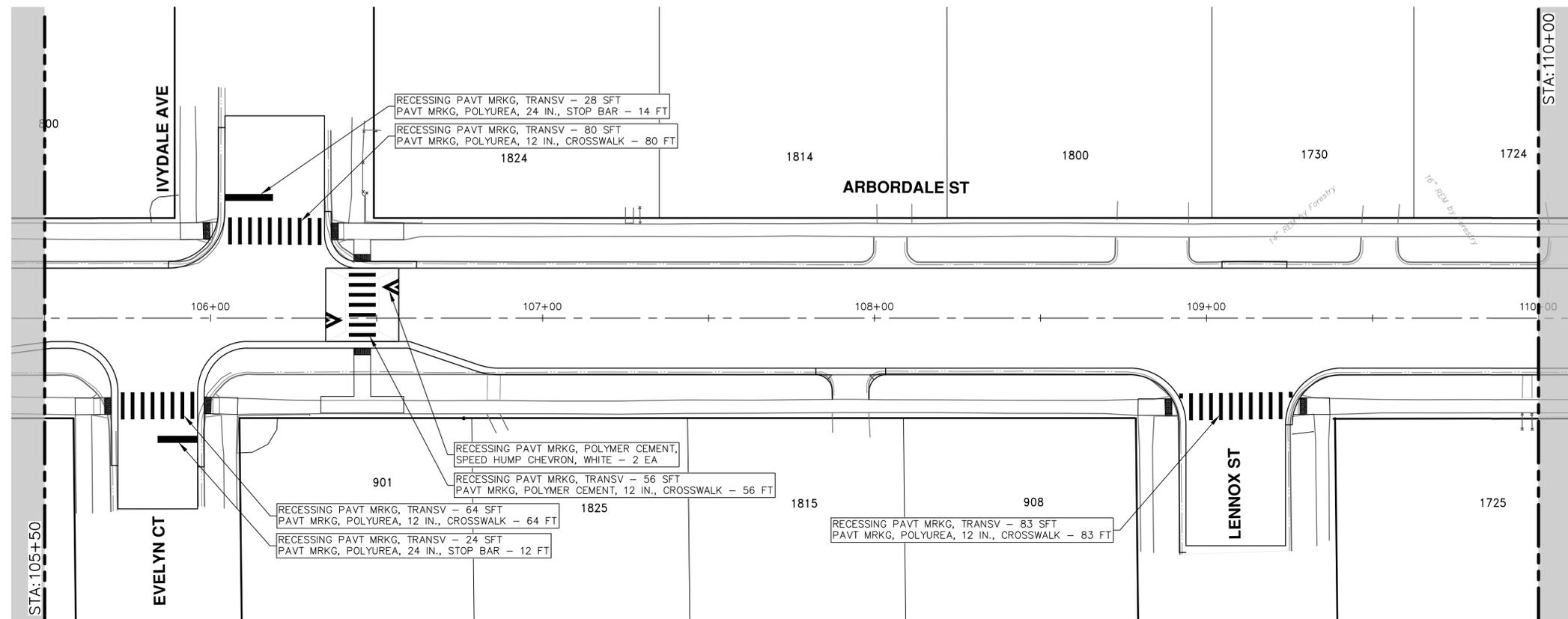
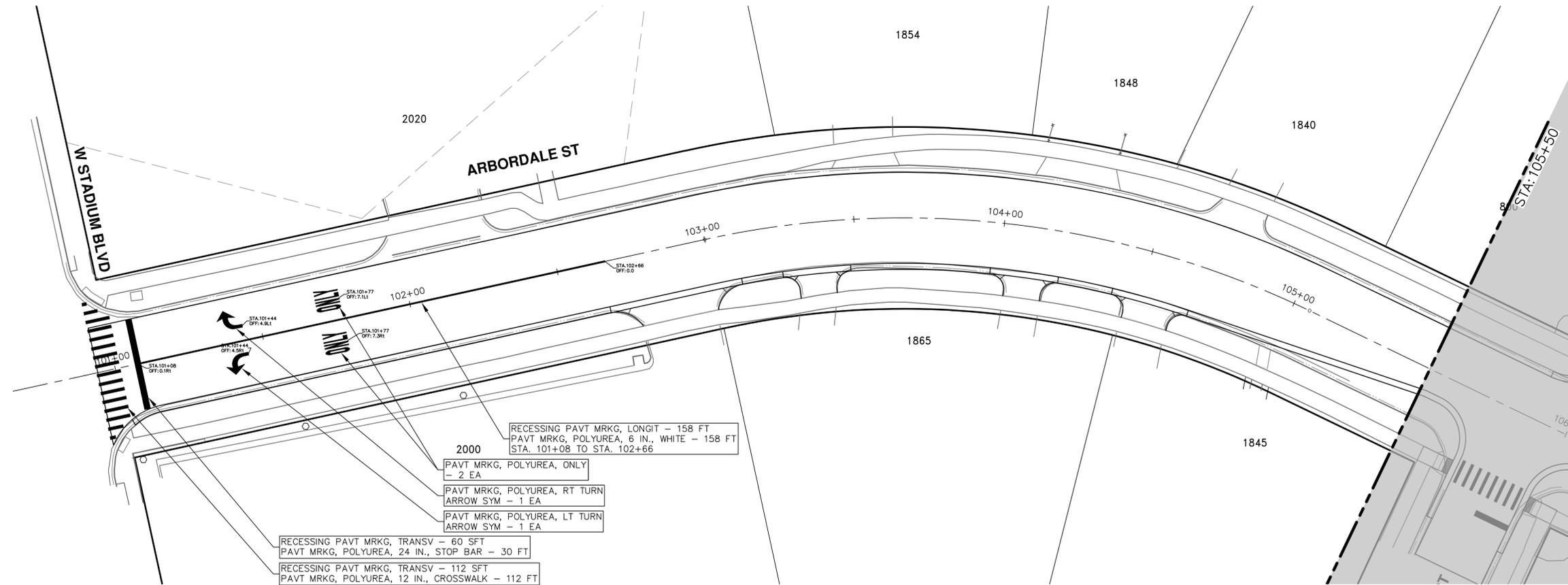
REV.	DESCRIPTION	DATE	DRAWN	CHECKED
00	OUT FOR BID	02-19-2026	A2D	NE/AD

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MICHIGAN

SHEET No.  
39 OF 51

R:\2025011 Arbordale Sherwood MM Resurf\Plan Production\2025011Pmk.dwg Dwg Created: 4-Feb-26 --\_o2 standard bw.stb -- Plot Date: 19-Feb-26



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

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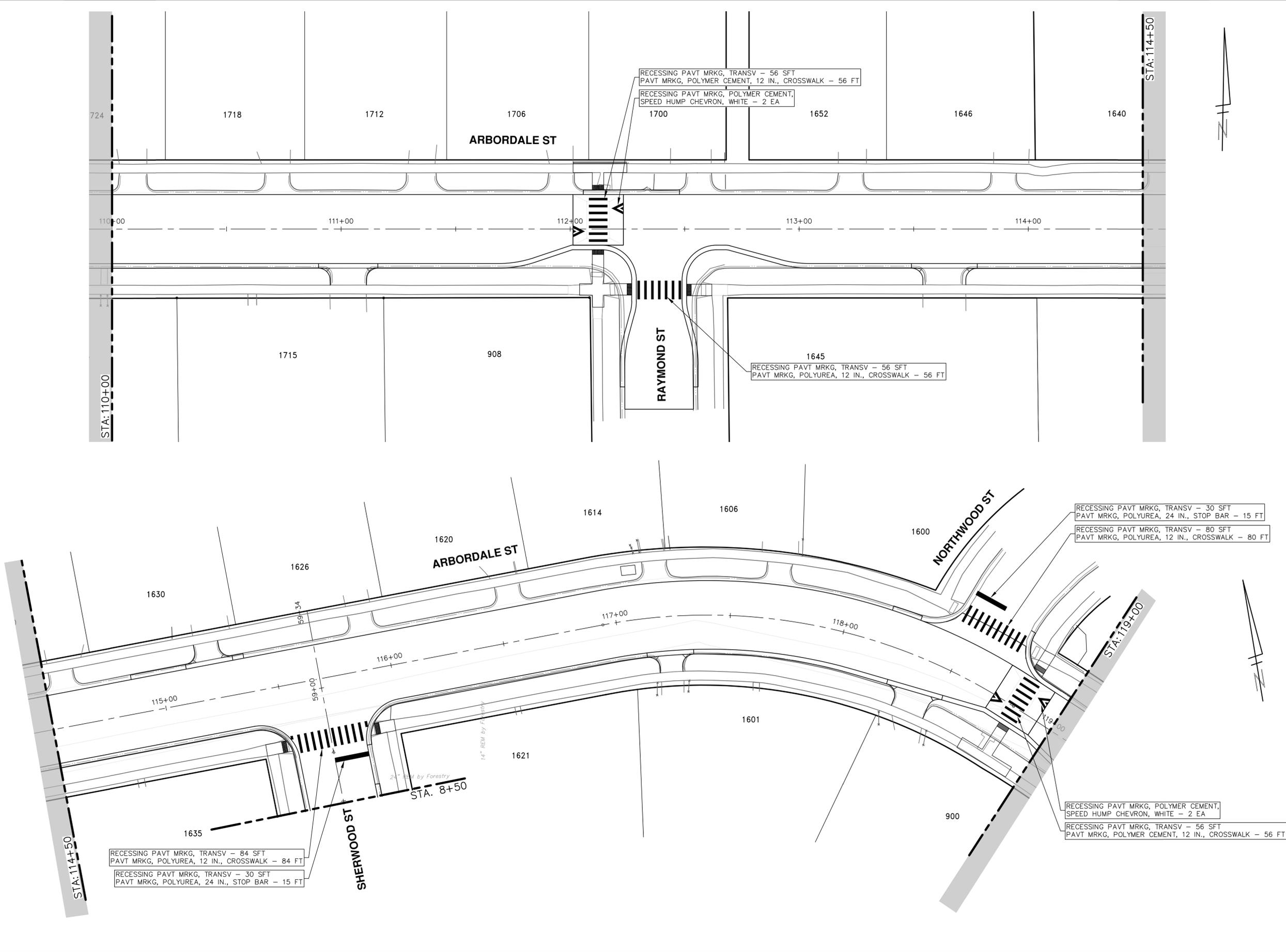


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PAVEMENT MARKINGS - ARBORDALE ST  
P.O.B. - STA. 110+00

SCALE: 1" = 20'  
DRAWING No.  
2025011-40

SHEET No.

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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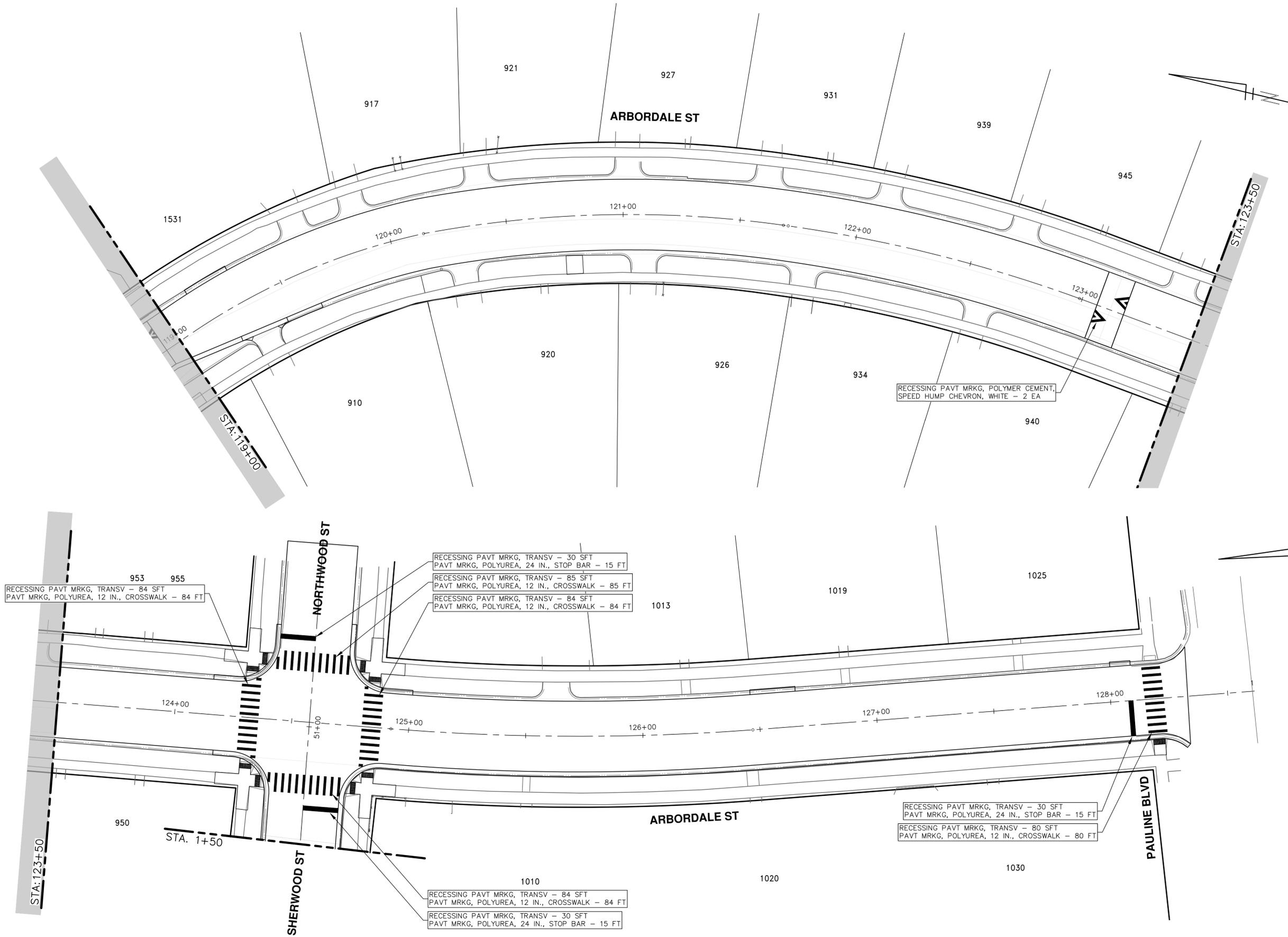
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**ARBORDALE SHERWOOD WATER MAIN**  
PAVEMENT MARKINGS - ARBORDALE ST  
STA. 110+00 - STA. 119+00

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

R:\2025011 Arbordale Sherwood MM Resurf\Plan Production\2025011Pmk.dwg Dwg Created: 4-Feb-26 --\_a02 standard bw.stb -- Plot Date: 19-Feb-26



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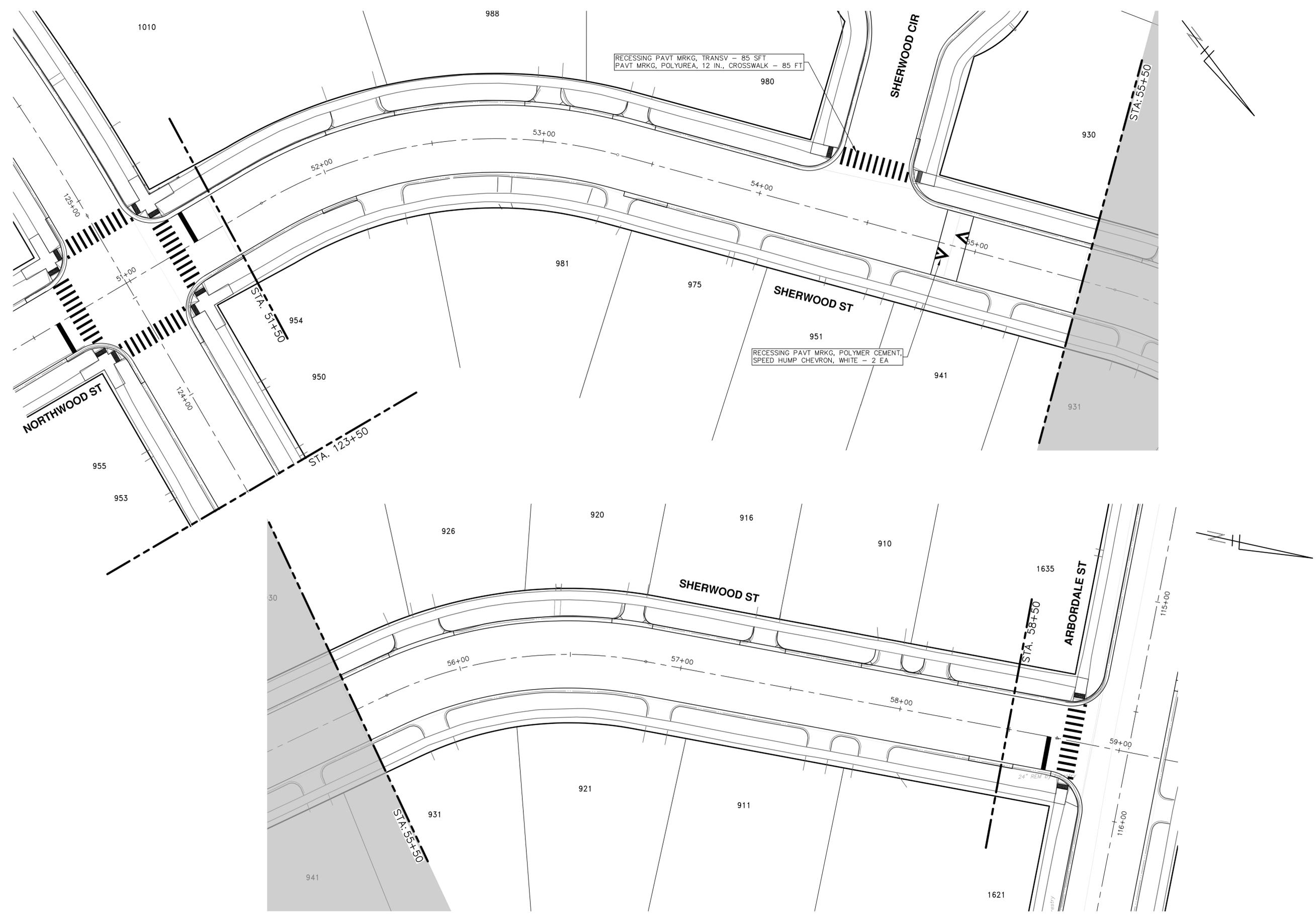
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ANN ARBOR, MI 48107-8847  
734-794-6410  
www.a2gov.org



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

SCALE: 1" = 20'  
DRAWING No.  
2025011-42

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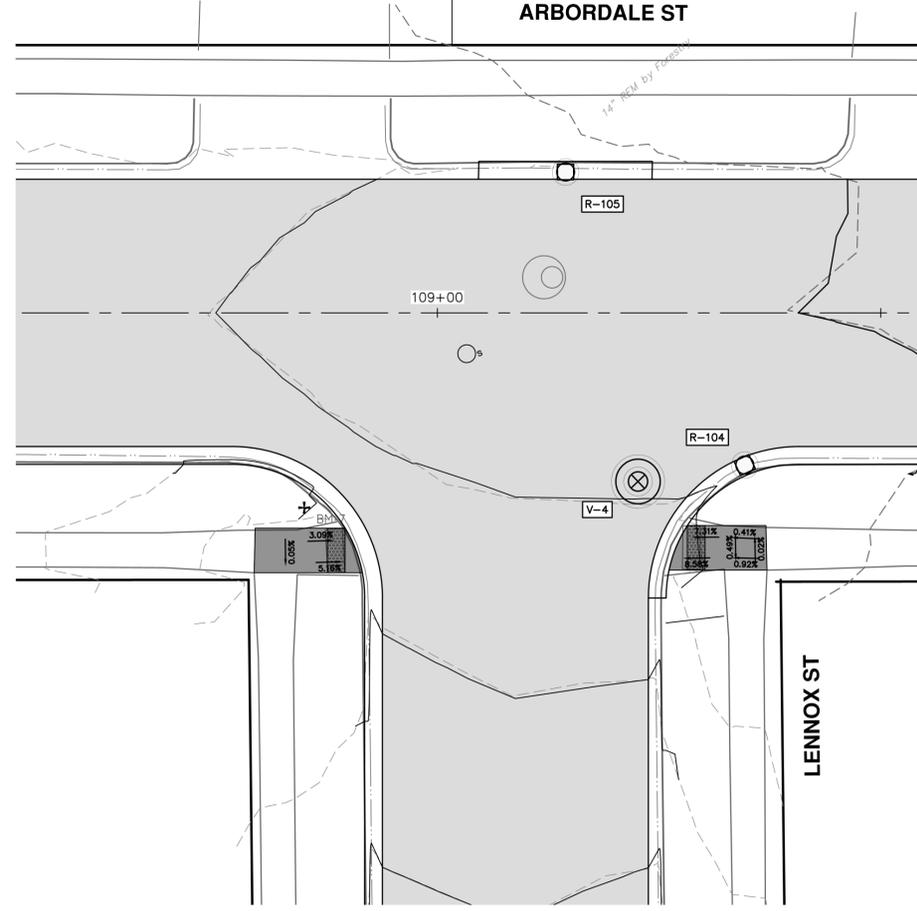
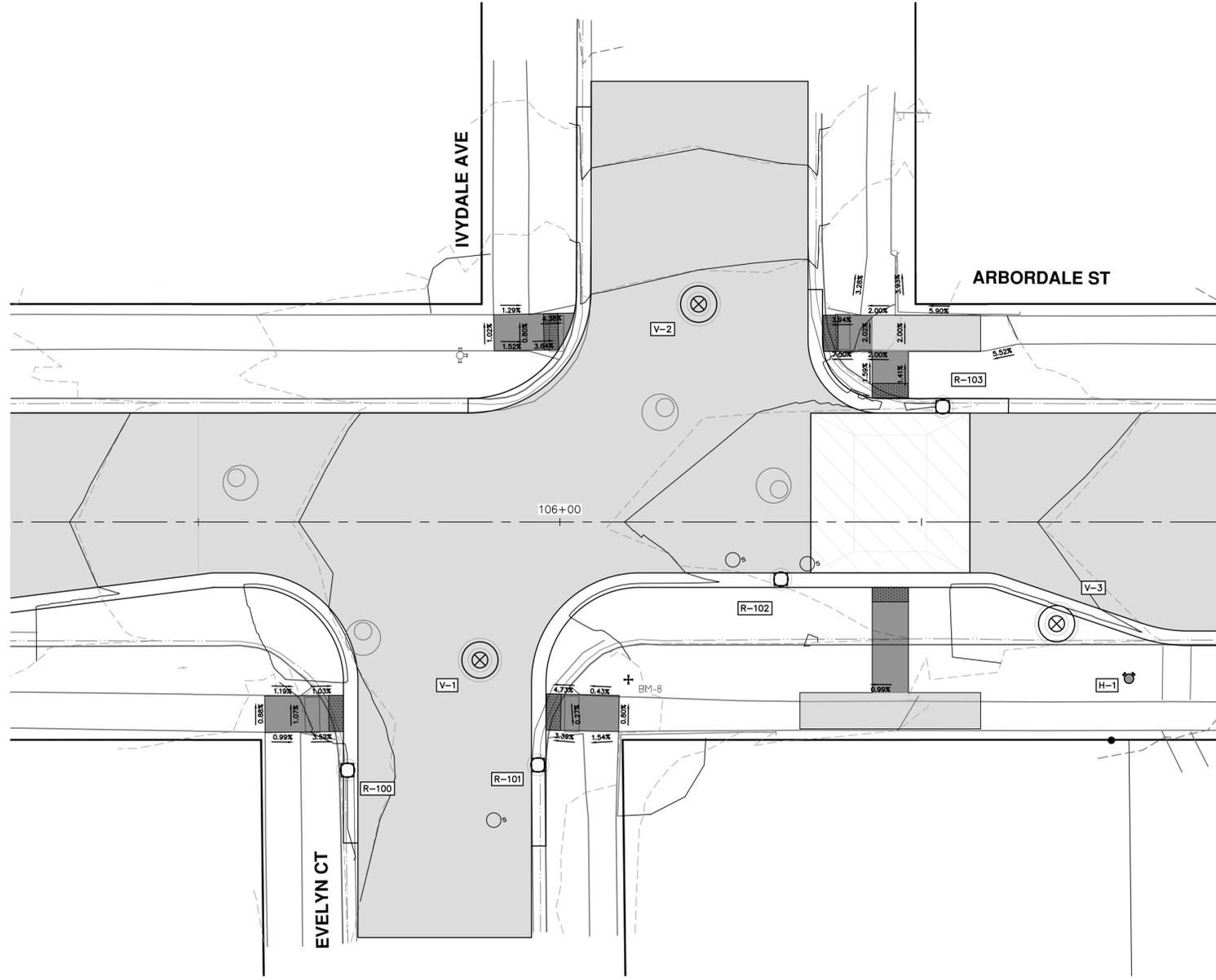
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
 PAVEMENT MARKINGS - SHERWOOD ST  
 STA. 51+50 - STA. 58+50

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

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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
 INTERSECTION GRADES  
 ARBORDALE ST. @ EVELYN CT., IVYDALE AVE., LENNOX ST.

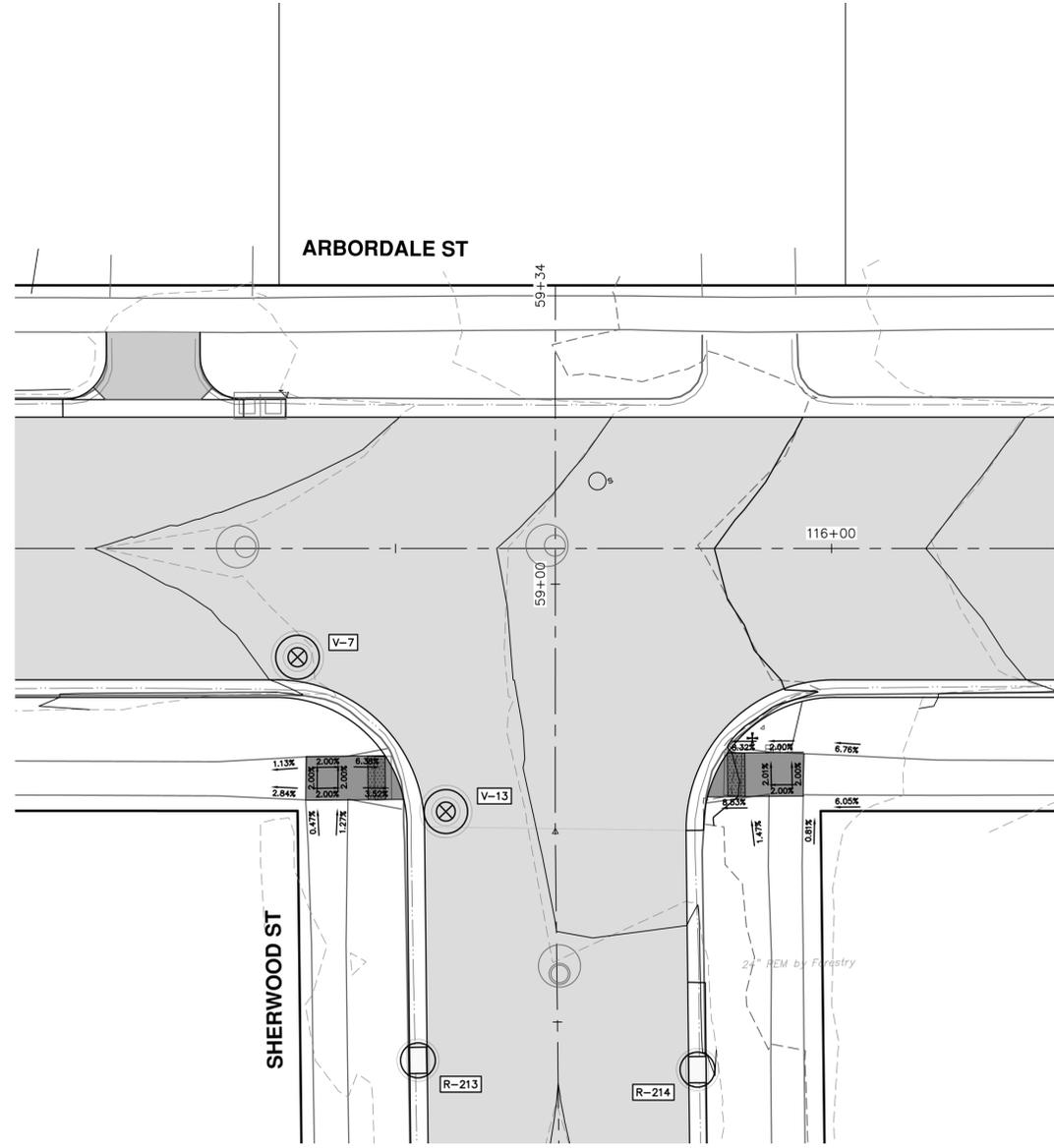
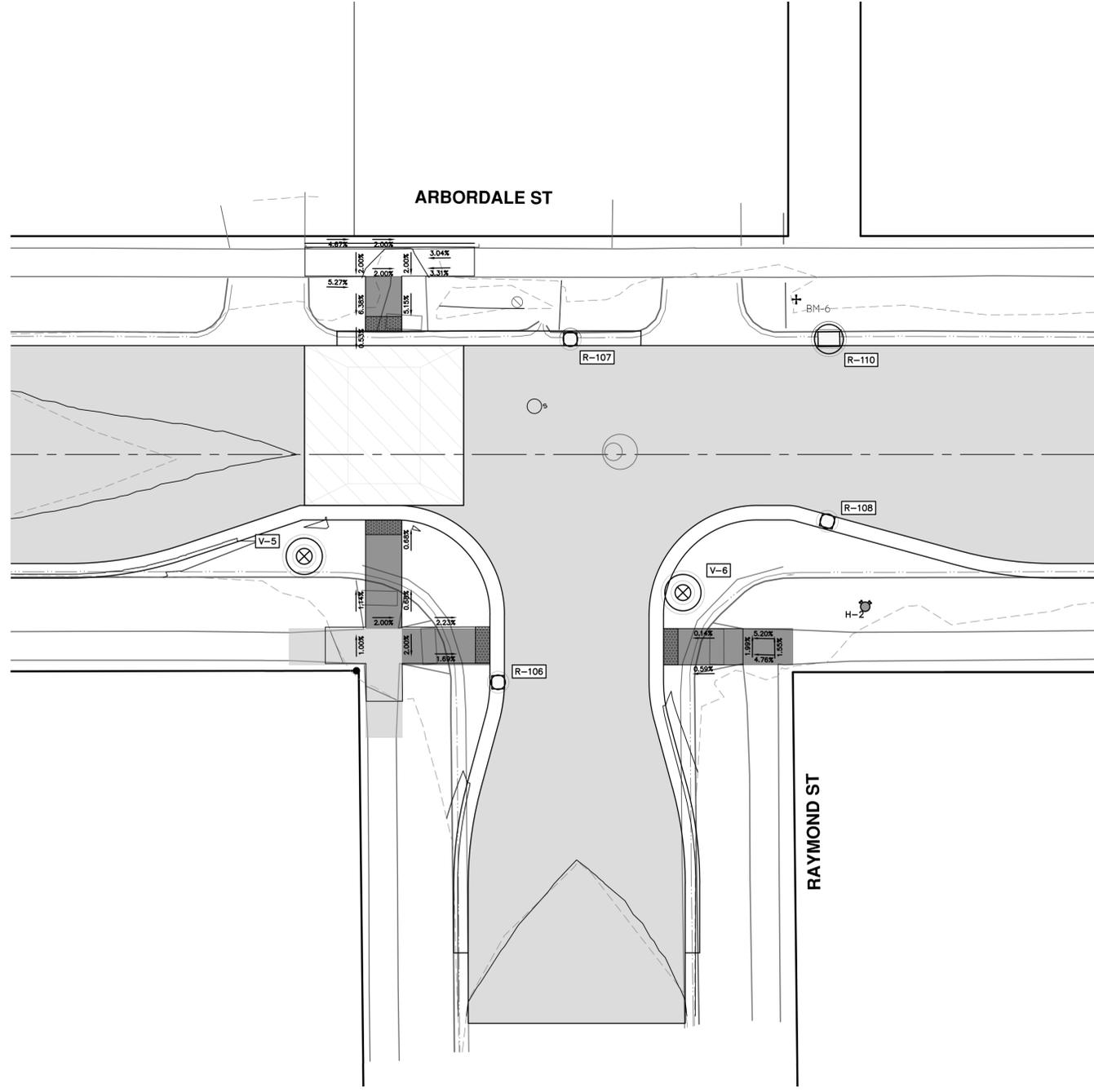
SCALE PLAN: 1" = 10'  
 DRAWING No.  
 2025011-44



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**ARBORDALE SHERWOOD WATER MAIN**

INTERSECTION GRADES

ARBORDALE ST. @ RAYMOND ST., SHERWOOD ST.

SCALE PLAN: 1" = 10'

DRAWING No. 2025011-45

SHEET No. 45 OF 51

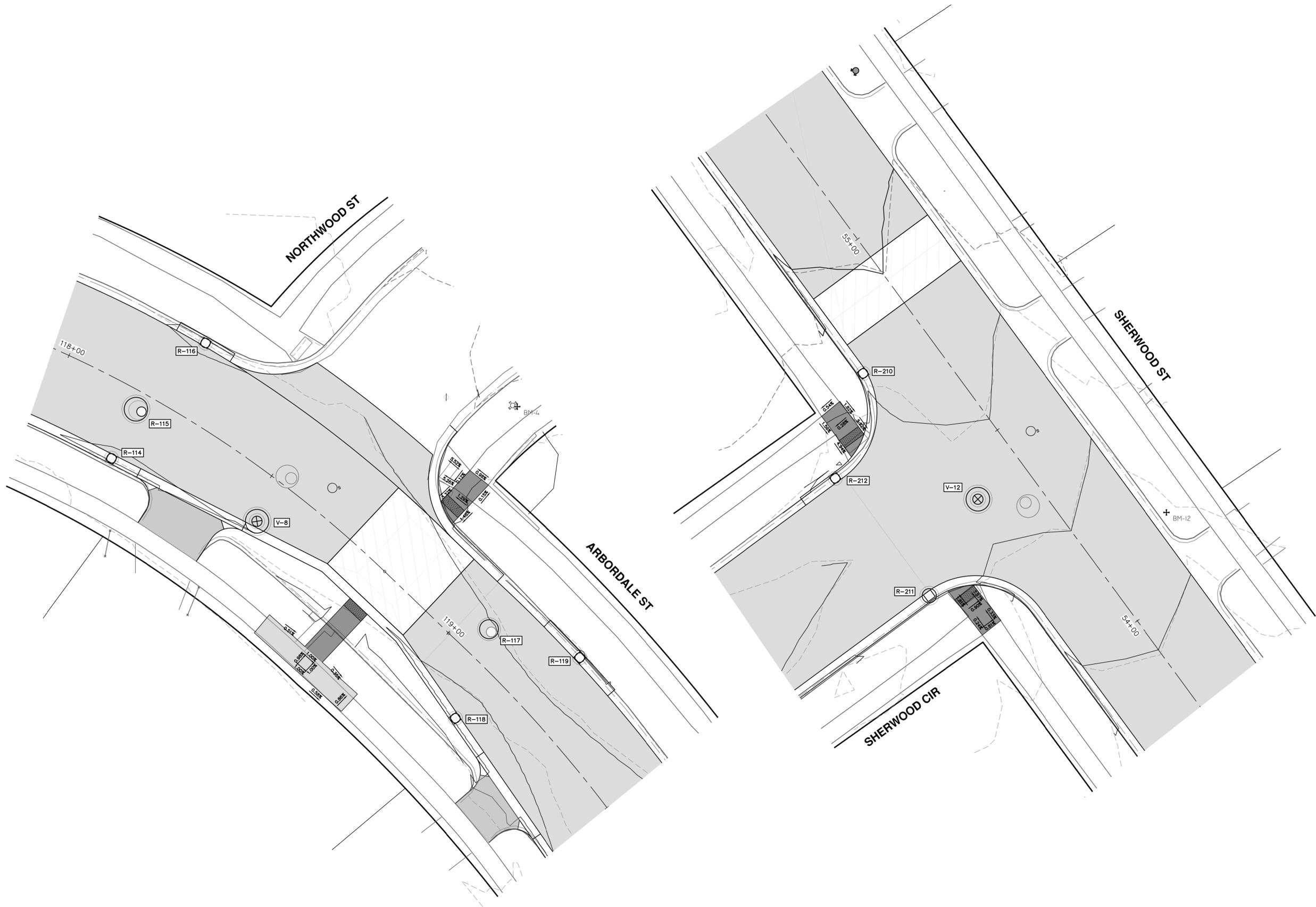


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00	OUT FOR BID	02-19-2026	A2D	NE/JD

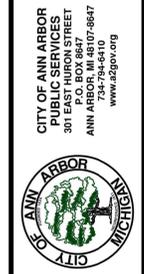
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**ARBORDALE SHERWOOD WATER MAIN**  
 INTERSECTION GRADES  
 ARBORDALE ST. @ NORTHWOOD ST.(N), SHERWOOD ST. @ SHERWOOD CT.

SCALE PLAN: 1" = 10'  
 DRAWING No.  
 2025011-46

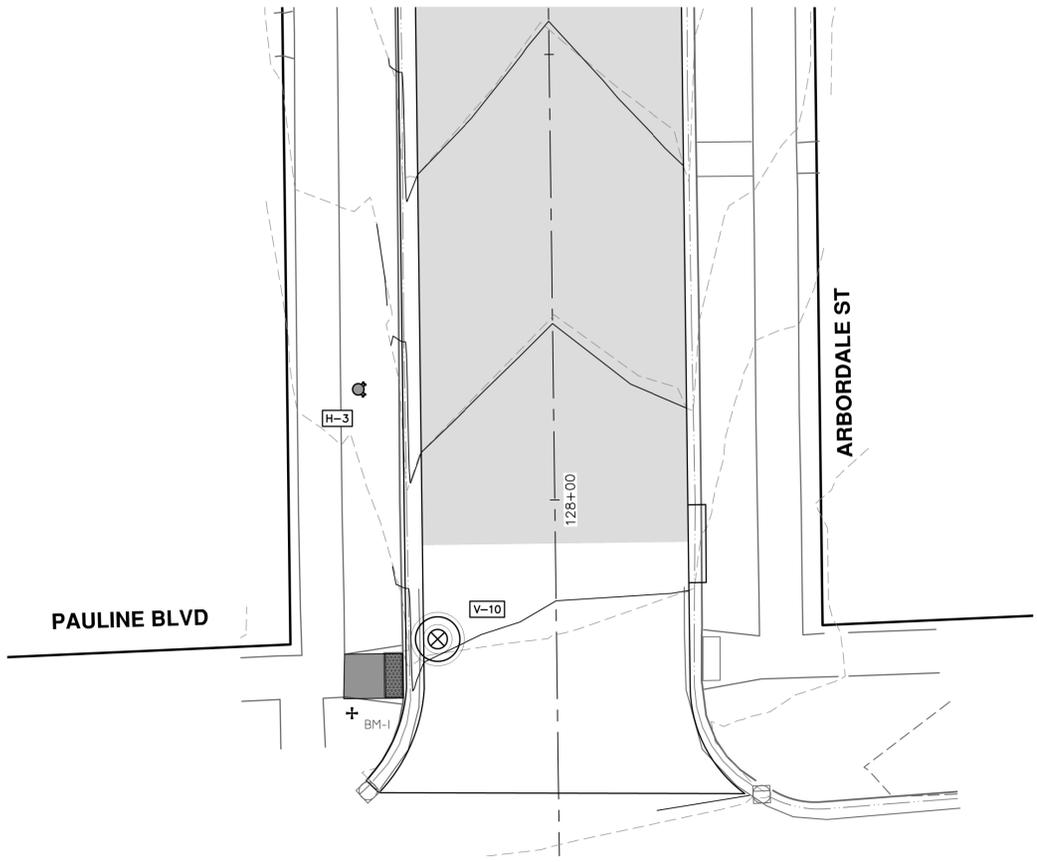
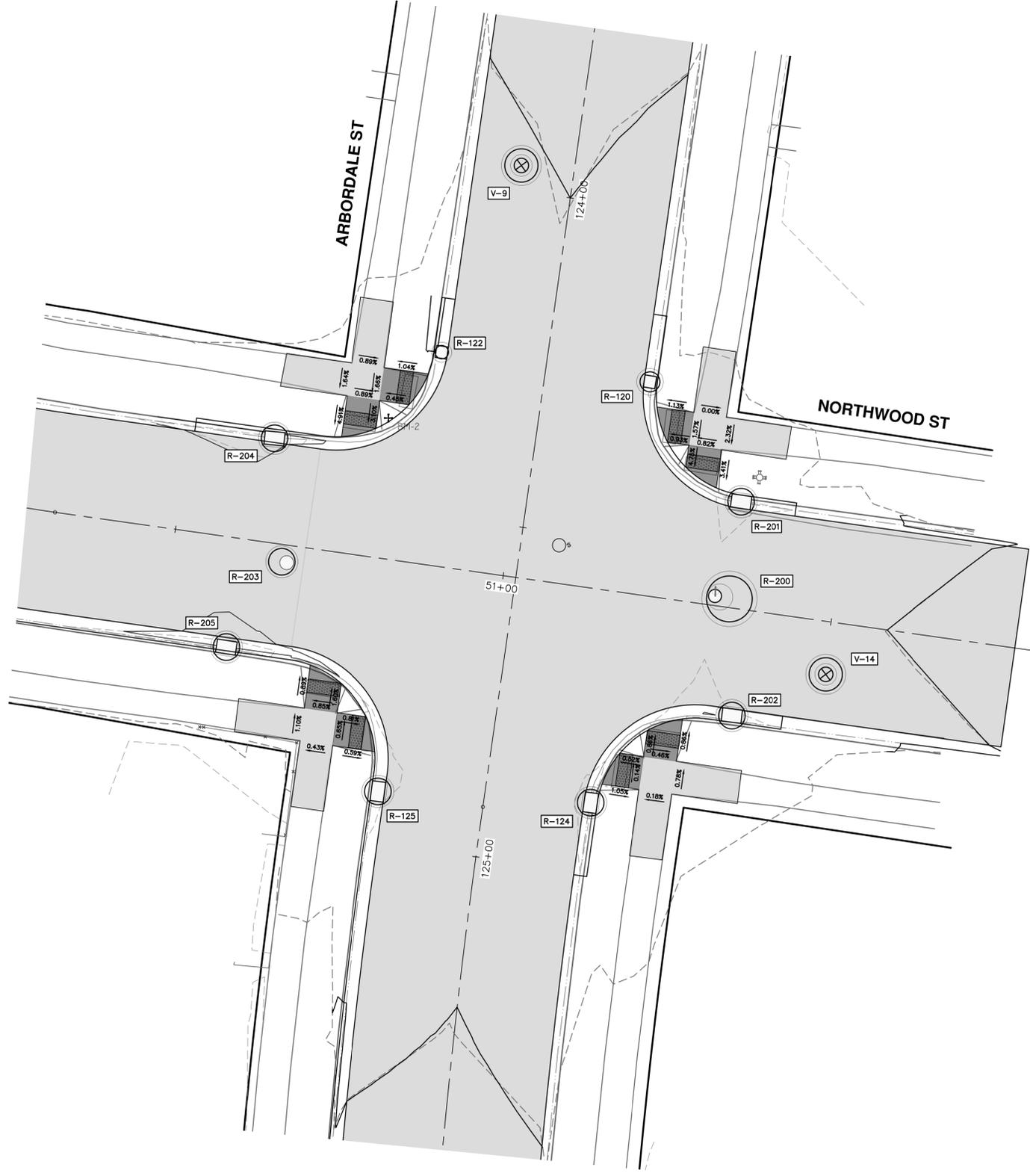


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SCALE PLAN: 1" = 10'  
 DRAWING No.  
 2025011-47

**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**ARBORDALE SHERWOOD WATER MAIN**  
 INTERSECTION GRADES  
 ARBORDALE ST. @ NORTHWOOD ST.(S), PAULINE BLVD.



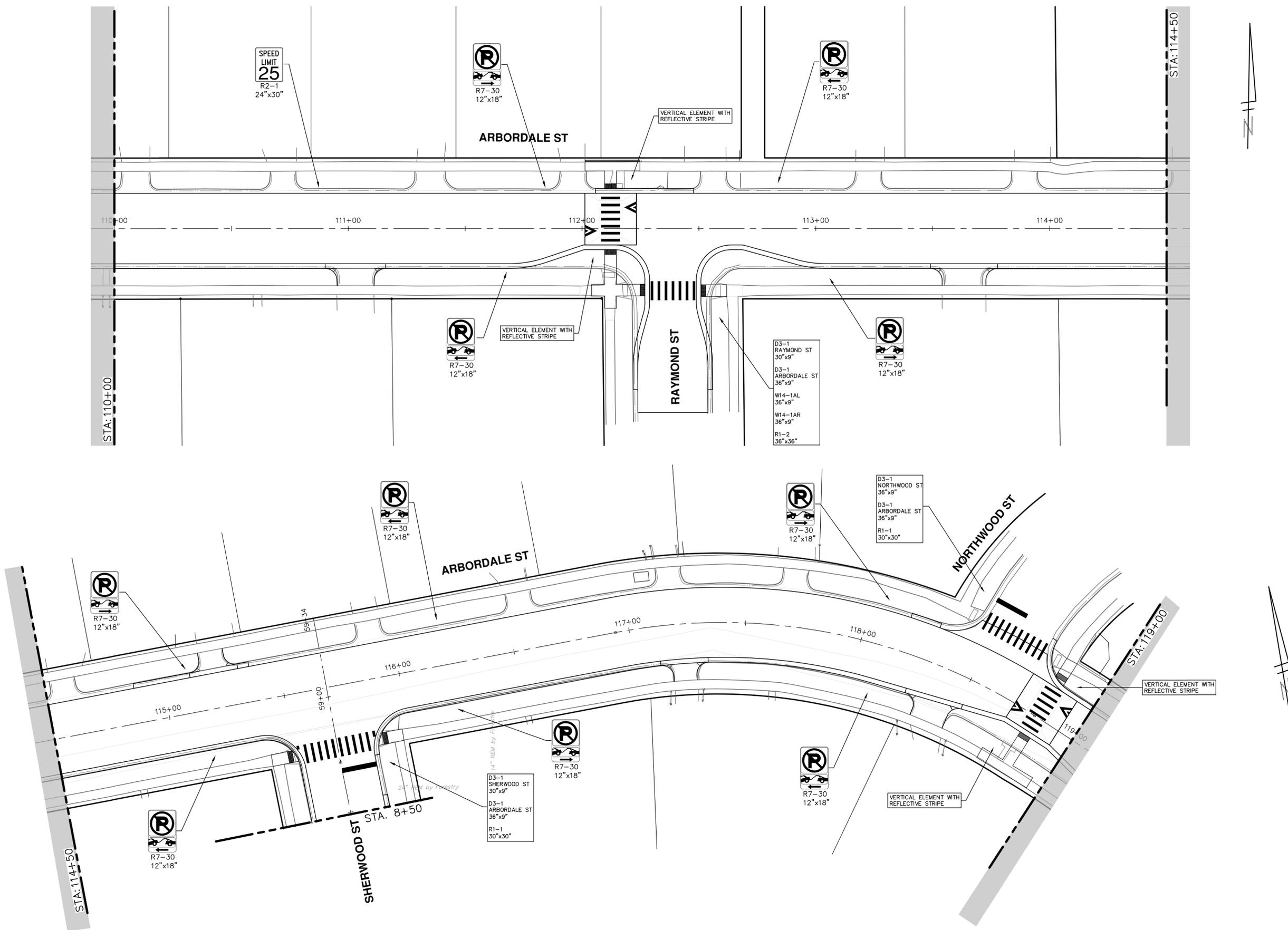
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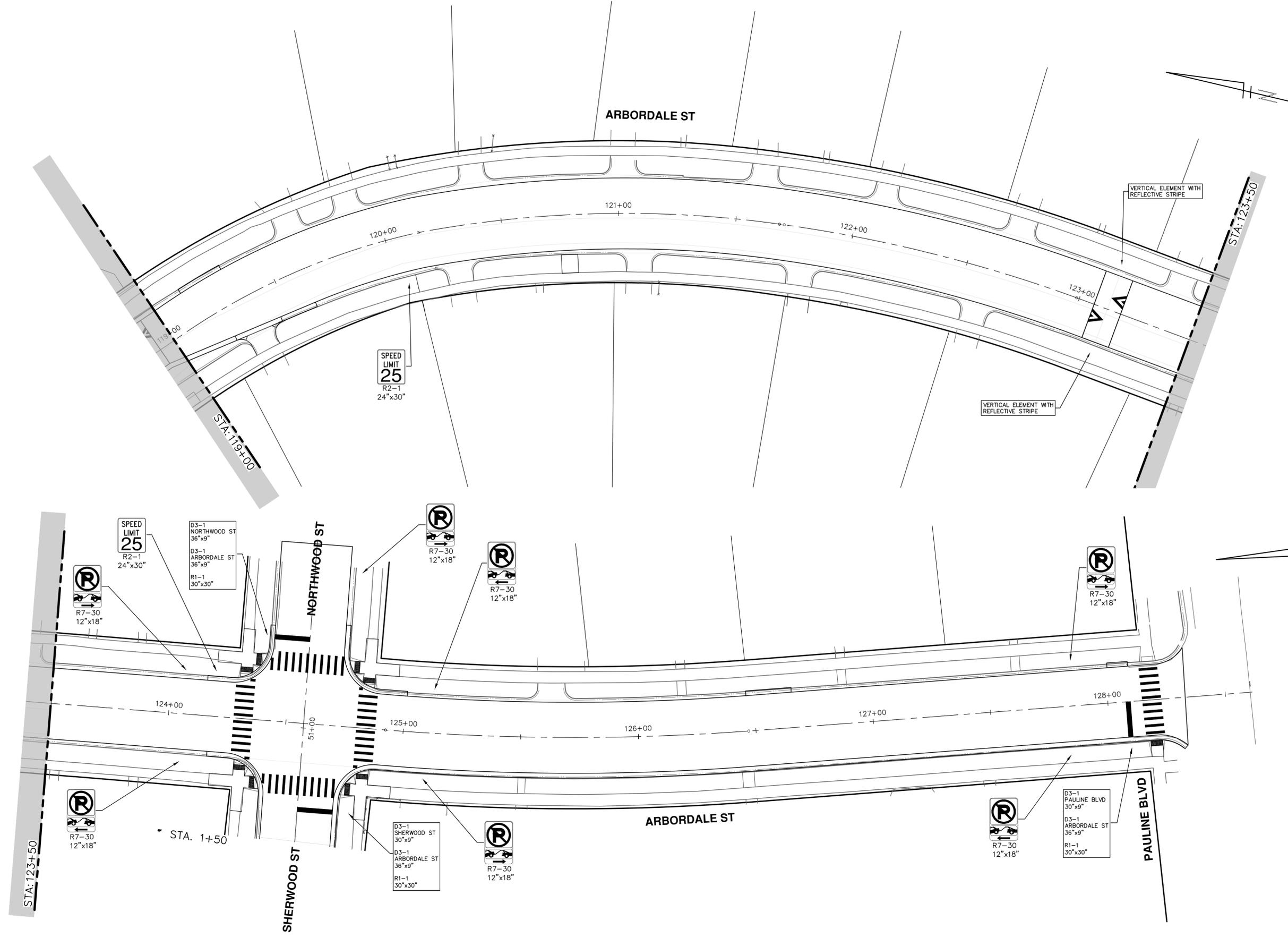
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**ARBORDALE SHERWOOD WATER MAIN**  
PERMANENT SIGNAGE - ARBORDALE ST  
STA. 110+00 - STA. 119+00

SCALE: 1" = 20'  
DRAWING No.  
2025011-49  
SHEET No.

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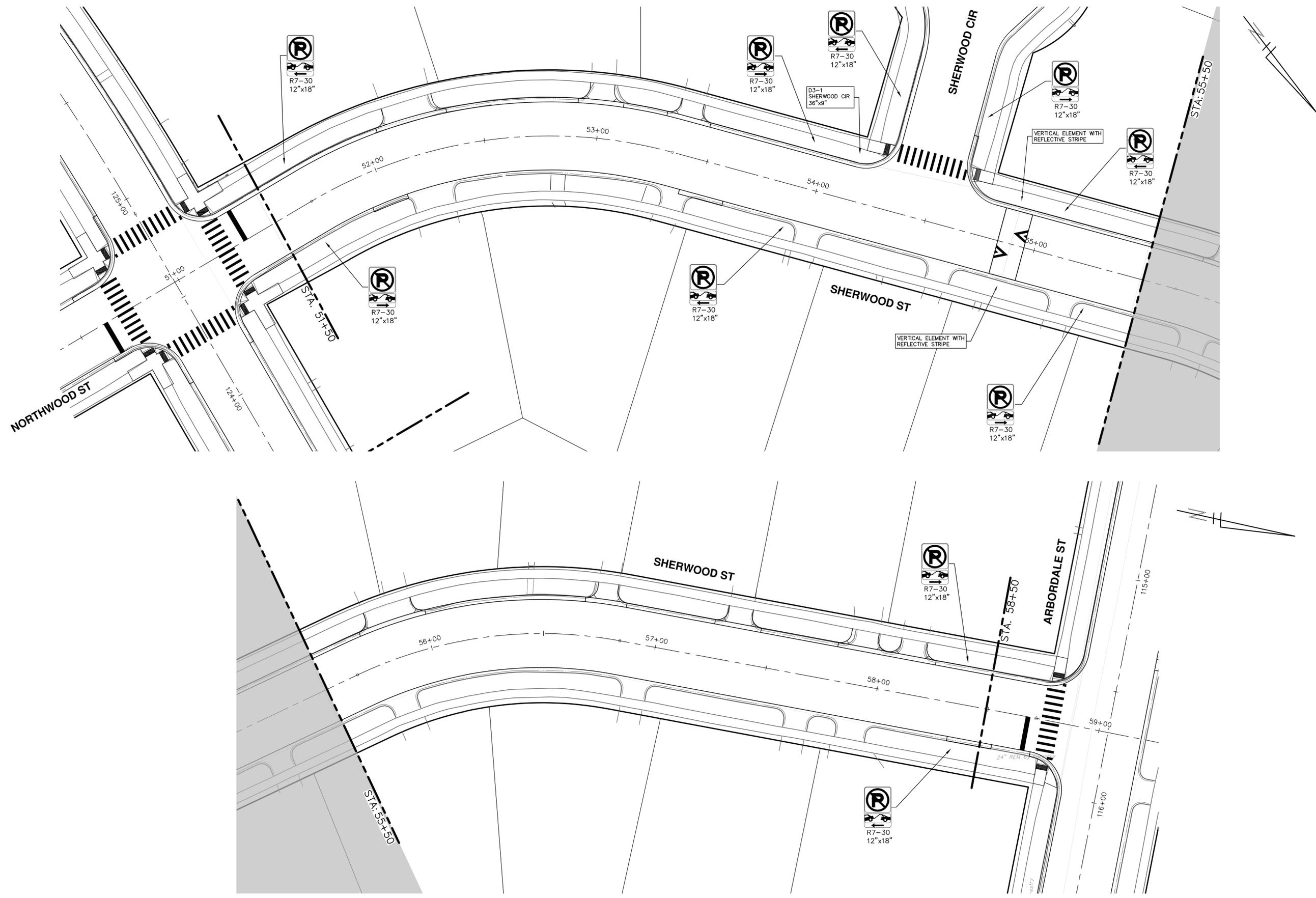
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ARBORDALE SHERWOOD WATER MAIN  
PERMANENT SIGNAGE - ARBORDALE ST  
STA. 119+00 - P.O.E.

SCALE: 1" = 20'  
DRAWING No.  
2025011-50

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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**ARBORDALE SHERWOOD WATER MAIN**

PERMANENT SIGNAGE - SHERWOOD ST

STA. 51+50 - STA. 58+50

SCALE: 1" = 20'

DRAWING No.  
2025011-51

SHEET No.

**811**  
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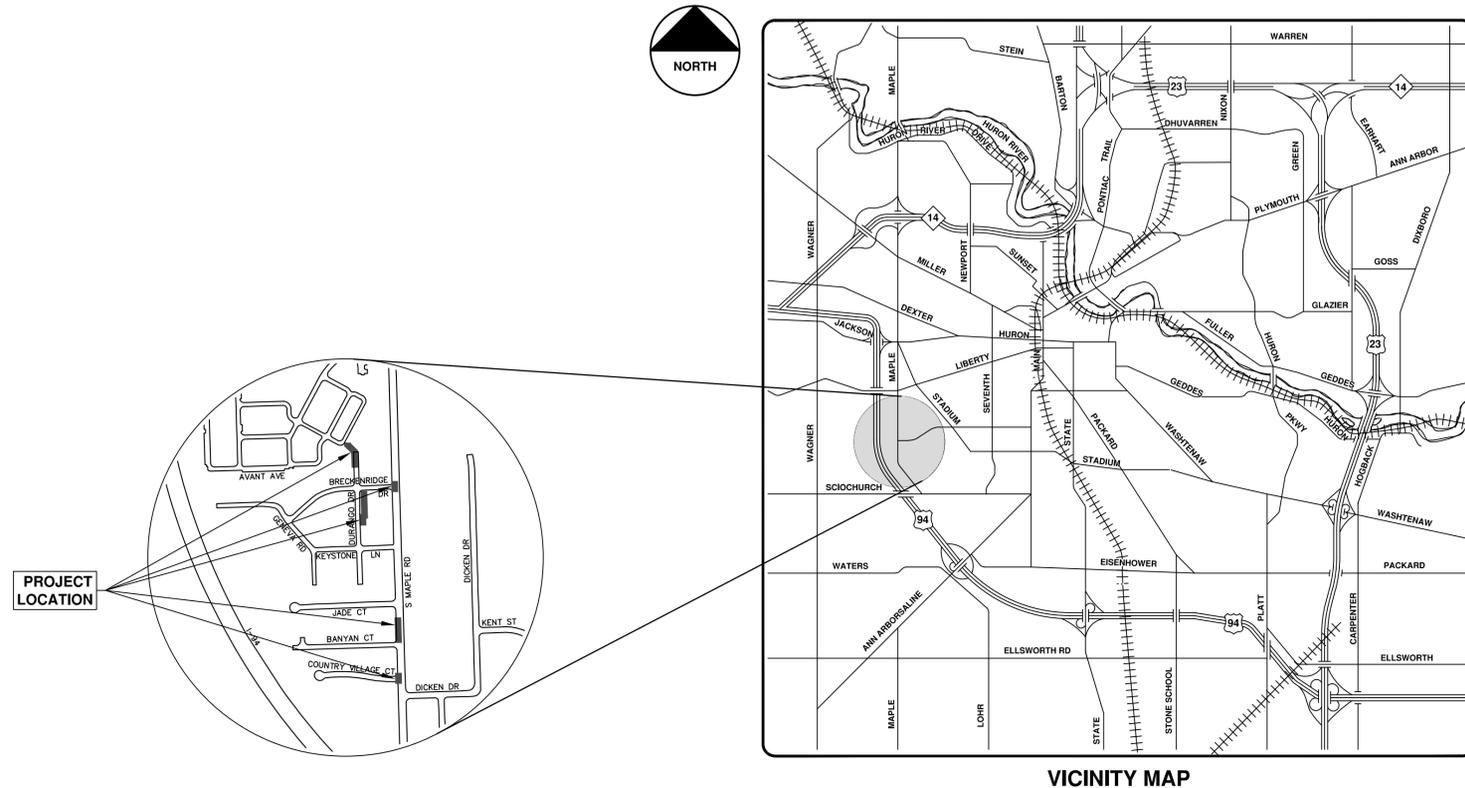
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# CITY OF ANN ARBOR ENGINEERING

## 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



REV.	DESCRIPTION	DATE	DRAWN	CHECKED
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**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

PREPARED UNDER THE SUPERVISION OF  
*Nicholas Bayley*  
NICHOLAS BAYLEY, P.E. - MI LICENSE No. 6201055228  
PROJECT MANAGER  
DATE  
02 / 19 / 2026



R:\2024013 S Industrial\Maple\Plan Production\2024013cov Maple.dwg --\_a2 standard bw.stb -- Plot Date: 2/19/2026 1:18:00 PM

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

**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.

MAPLE RD BENCHMARKS		
BM #	ELEV	DESCRIPTION
1	964.114	NW COR BOLT ON LIGHT, SE COR MAPLE & DICKEN
2	981.552	SE COR BOLT ON LIGHT, WEST SIDE OF MAPLE ACROSS FROM HSE #1645
3	992.107	EAST SIDE FLANGE BOLT ON HYD, ACROSS STREET FROM SOUTH ENTRANCE OF SURREY PARK APARTMENTS
4	989.944	SE BOLT ON LIGHT POLE, NW COR MAPLE & BRECKENRIDGE
5	996.380	E'LY FLANGE BOLT ON HYDRANT, NE COR KEYSTONE & DURANGO
6	998.500	SE'LY FLANGE BOLT ON HYDRANT, SW COR BRECKENRIDGE & DURANGO

**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		
SANITARY		
STORM	CITY OF ANN ARBOR PUBLIC WORKS W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	(734) 794-6350
FORESTRY		
SIGNS		MARK MORENO (734) 794-6361
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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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
STANDARD NOTES

SCALE: NTS  
DRAWING No.  
2025026-2  
SHEET No.

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**EXISTING LEGEND**

EX = EXISTING		WATER MAIN
		WATER MAIN ABANDONED
		STORM SEWER
		STORM SEWER ABANDONED
		SANITARY SEWER
		SANITARY SEWER ABANDONED
		GAS MAIN
		GAS MAIN (DEAD)
		ELECTRICAL OVER HEAD
		ELECTRICAL UNDER GROUND
		ELECTRICAL DUCT BANK
		TELEPHONE OVER HEAD
		TELEPHONE UNDER GROUND
		TELEPHONE DUCT BANK
		CABLE TV OVER HEAD
		CABLE TV UNDER GROUND
		FIBER OPTIC
		FIBER OPTIC DUCT BANK
		BOUNDARY
		CENTERLINE OF DITCH
		CENTERLINE/CROWN OF ROAD
		CONTOUR MAJOR
		CONTOUR MINOR
		EDGE OF WATER
		FLOODPLAIN
		FENCE
		GRAVEL
		GUARDRAIL
		STONE WALL
		R.O.W.
		TRELLINE
		WETLAND
		EDGE OF BRUSH
		HEDGE
		TREE (DECIDUOUS)
		TREE (CONIFEROUS)
		SHRUB (DECIDUOUS)
		STUMP
		TREE TO REMAIN & PROTECT (DECIDUOUS) CRITICAL ROOT ZONE (C.R.Z.) = DIAMETER BREST HEIGHT (INCHES) X 10
		TREE TO REMAIN & PROTECT (CONIFEROUS) CRITICAL ROOT ZONE (C.R.Z.) = DIAMETER BREST HEIGHT (INCHES) X 10

**PROPOSED LEGEND**

PROP = PROPOSED		HYDRANT (PLAN)
		WATER GATE VALVE IN BOX
		WATER VAULT
		HIGH CAPACITY INLET
		ROUND CATCH BASIN
		DRAIN ARROW
		OVERFLOW
		CLEAN-OUT
		SIGN
		HAND HOLE
		STORM SEWER
		FIBER OPTIC
		CENTERLINE OF DITCH
		FENCE
		SILT FENCE
		GUARDRAIL
		CURB
		CONTOUR MAJOR
		WATER EASEMENT
		SANITARY EASEMENT
		LIMITS OF CONSTRUCTION
		STONE WALL
		ASPHALT
		CONCRETE RAMP
		TURF RESTORATION
		TREE (CONIFEROUS)
		TREE TO BE REMOVED (CONIFEROUS)
		STUMP TO BE REMOVED



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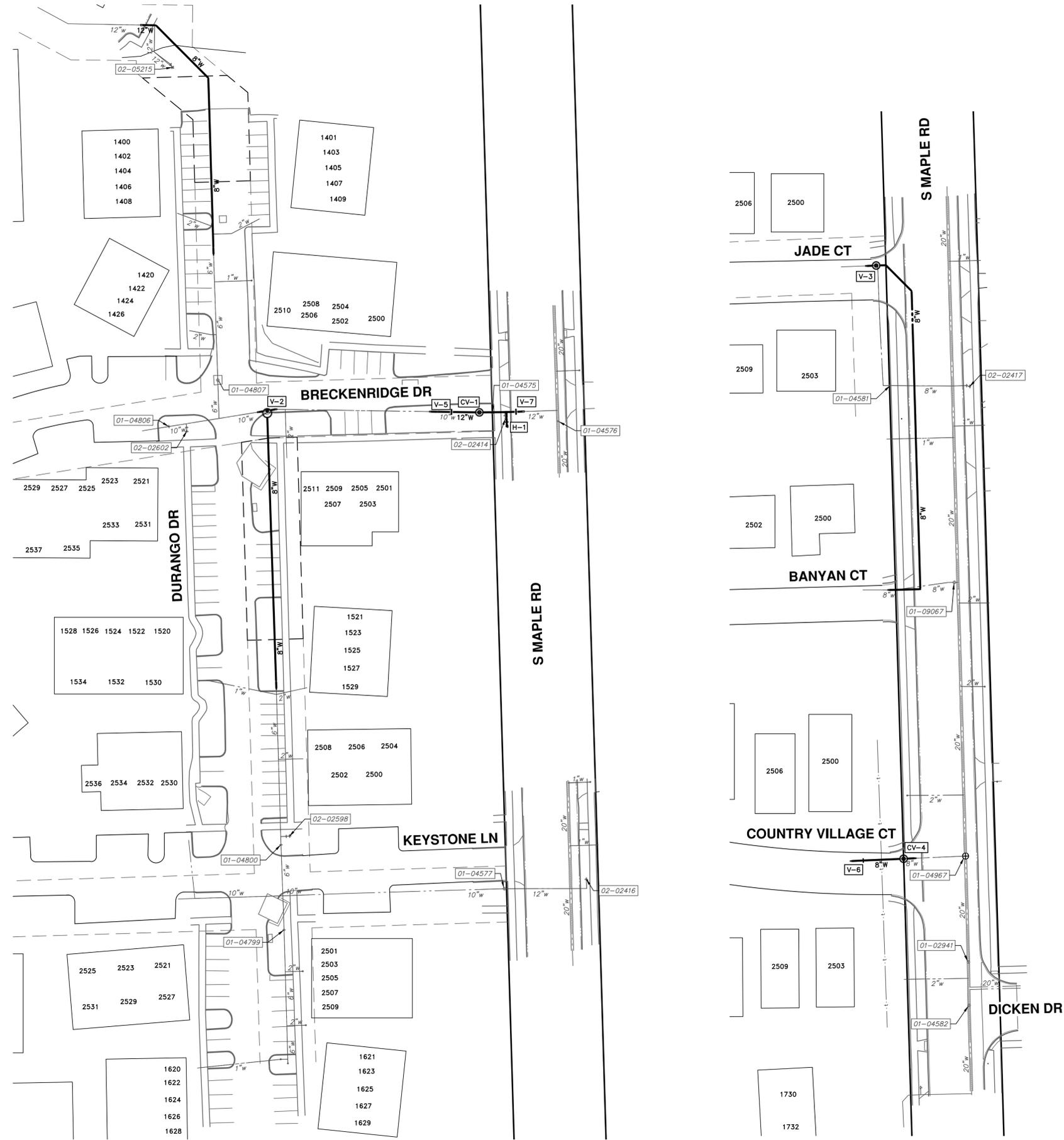
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**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
**LEGEND**

SCALE: NTS  
DRAWING No.  
2025026-3

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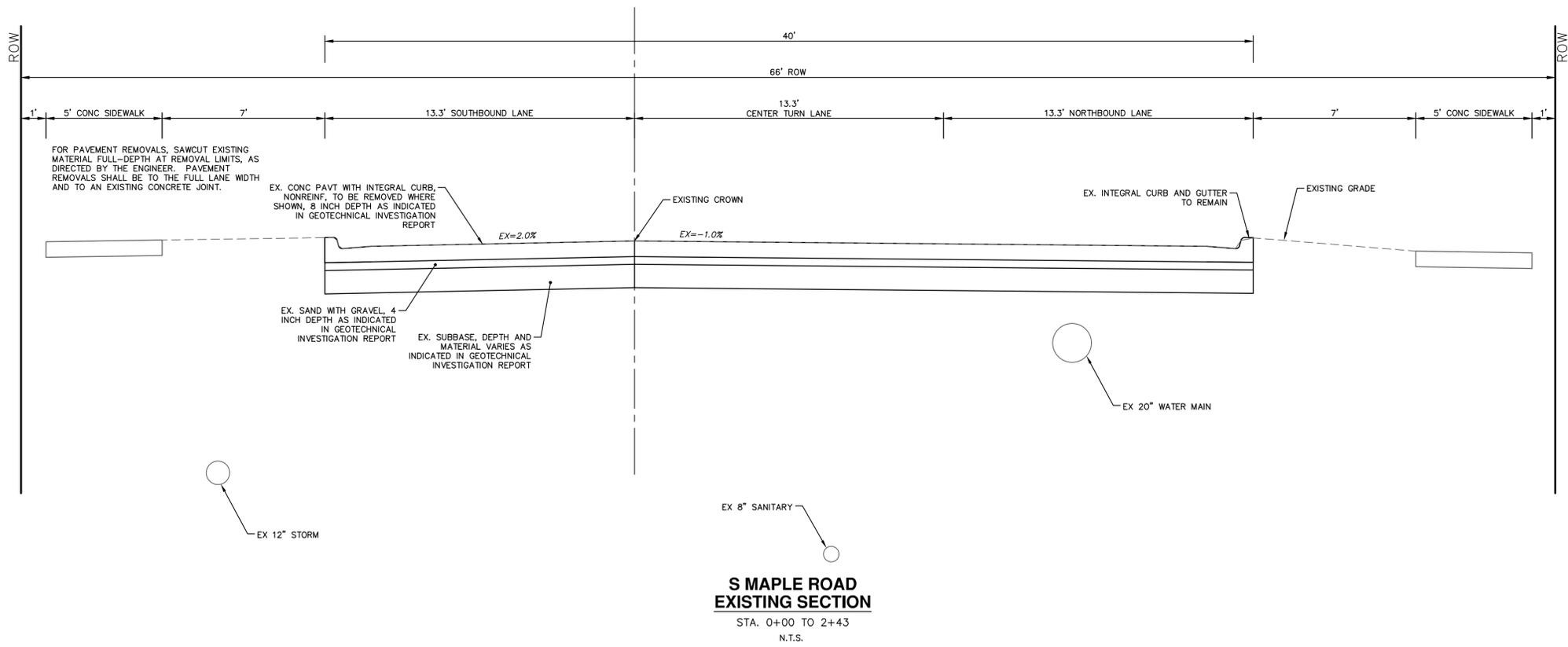


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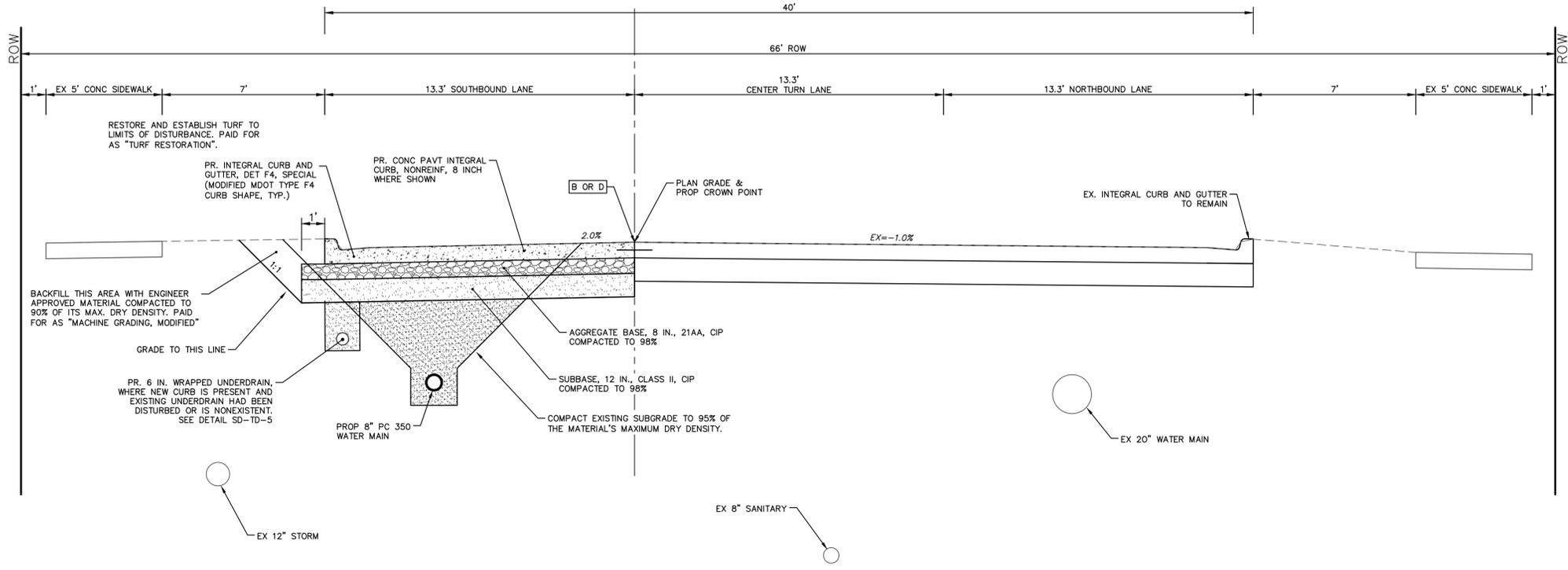
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
 EXISTING WATER SYSTEM MAP

R:\2024013 S Industrial Maple\Plan Production\2024013xsectn Maple.dwg Dwg Created: 6-Feb-26 -- Plot Date: 19-Feb-26



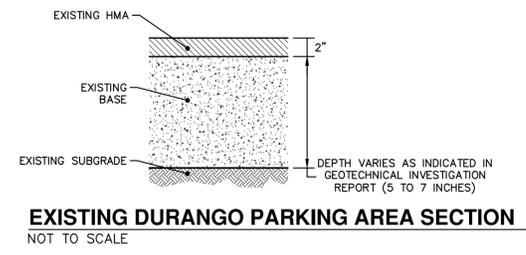
**S MAPLE ROAD  
EXISTING SECTION**  
STA. 0+00 TO 2+43  
N.T.S.



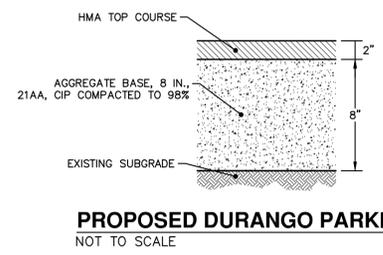
**S MAPLE ROAD  
PROPOSED SECTION**  
STA. 0+00 TO 2+43  
N.T.S.

**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)



**EXISTING DURANGO PARKING AREA SECTION**  
NOT TO SCALE



**PROPOSED DURANGO PARKING AREA SECTION**  
NOT TO SCALE



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

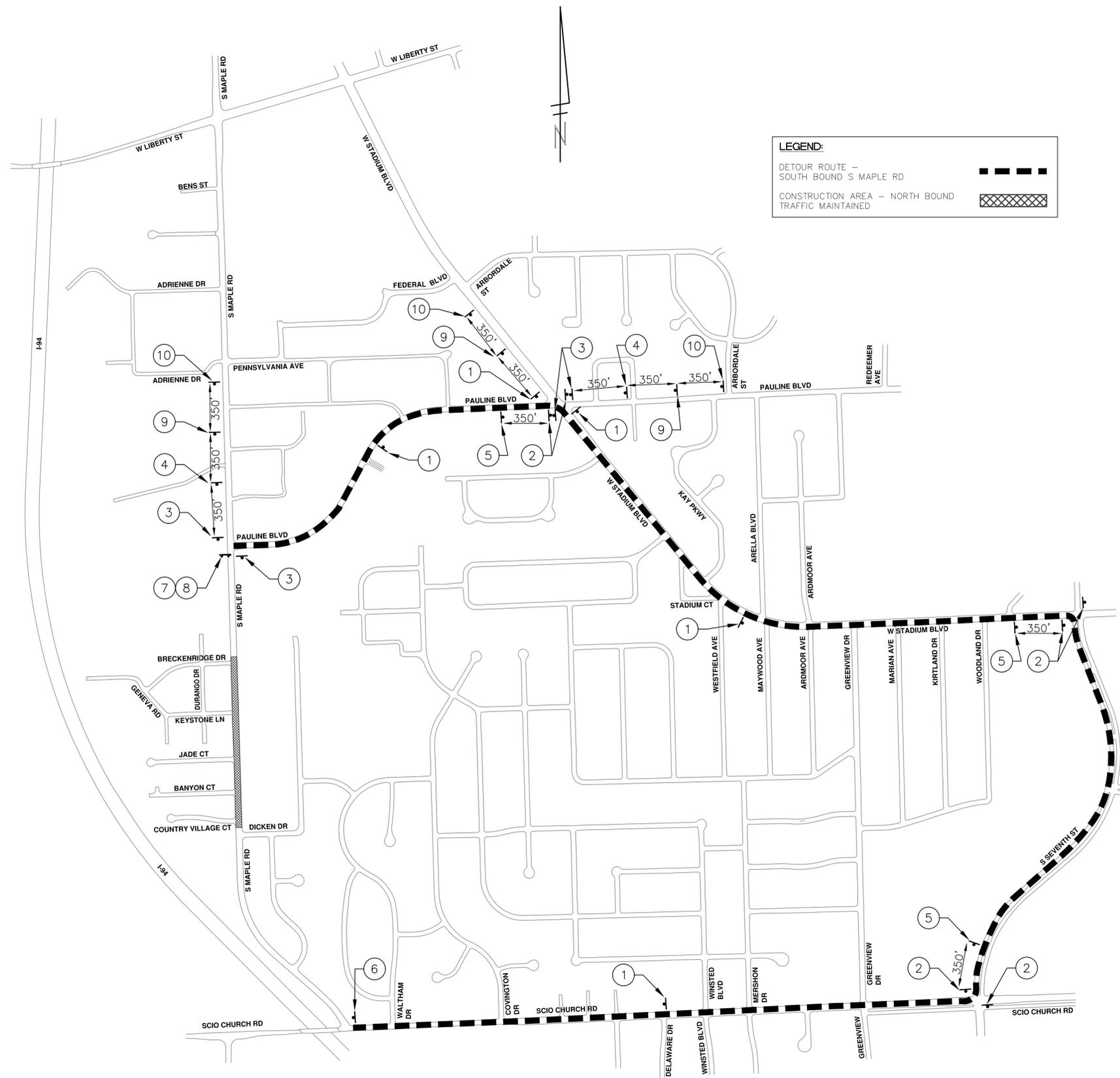
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
TYPICAL SECTIONS  
EX AND PROP SECTIONS

SCALE PLAN: 1" = 8'  
DRAWING No.  
**2025026-5**  
SHEET No.

R:\2024013 S Industrial Maple\Plan Production\2024013Dtr Maple.dwg Dwg Created: 19-Feb-26 --\_02 standard bw.stb -- Plot Date: 19-Feb-26



**LEGEND:**

DETOUR ROUTE - SOUTH BOUND S MAPLE RD

CONSTRUCTION AREA - NORTH BOUND TRAFFIC MAINTAINED

SOUTH BOUND S MAPLE RD		
SIGN	NUMBER	QUANTITY
	D3-1	5
	M4-9S 30"x24"	5
	D3-1	6
	M4-9R 30"x24"	6
	D3-1	4
	M4-9L 30"x24"	4
	D3-1	2
	M4-9L (MOD) 30"x24"	2
	D3-1	3
	M4-9R (MOD) 30"x24"	3
	D3-1	1
	M4-8A 24"x18"	1
	R11-2 48"x30"	1
	M4-10L 48"x18"	1
	D3-1	3
	W20-2 36"x36"	3
	D3-1	3
	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		

PRCMS MESSAGE PHASING		
PRIOR TO CONSTRUCTION	DURING CONSTRUCTION	DURING CONSTRUCTION
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.

**DETOUR CONSTRUCTION NOTES:**

1. 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.
2. THE CITY RESERVES THE RIGHT TO ORDER ADDITIONAL SIGNS AND PLACE THEM INTO SERVICE IN ORDER TO SAFELY MAINTAIN TRAFFIC. ADJUSTMENTS IN THE UNIT PRICE FOR THESE ITEMS OF WORK SHALL NOT BE ALLOWED FOR THESE OCCURRENCES.
3. 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.
4. 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.
5. 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.
6. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN SIGNS AS SHOWN ON THE PLANS OR OTHERWISE DIRECTED BY THE ENGINEER.
7. CONSTRUCTION WARNING SIGNS SHALL HAVE AN ORANGE, HIGH-INTENSITY, REFLECTORIZED BACKGROUND.
8. SIGNS SHALL CONFORM TO THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
9. 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"
10. ADVANCE WARNING SIGNS SHALL BE PROVIDED WITH TWO (2) TYPE A FLASHING LIGHTS AND ONE (1) DAY-GLOW ORANGE FLAG.
11. 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.

Know what's below.  
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REV.	DATE	DESCRIPTION	DRWN	CHECKED
00	02-19-2026	OUT FOR BID	AZD	

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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**

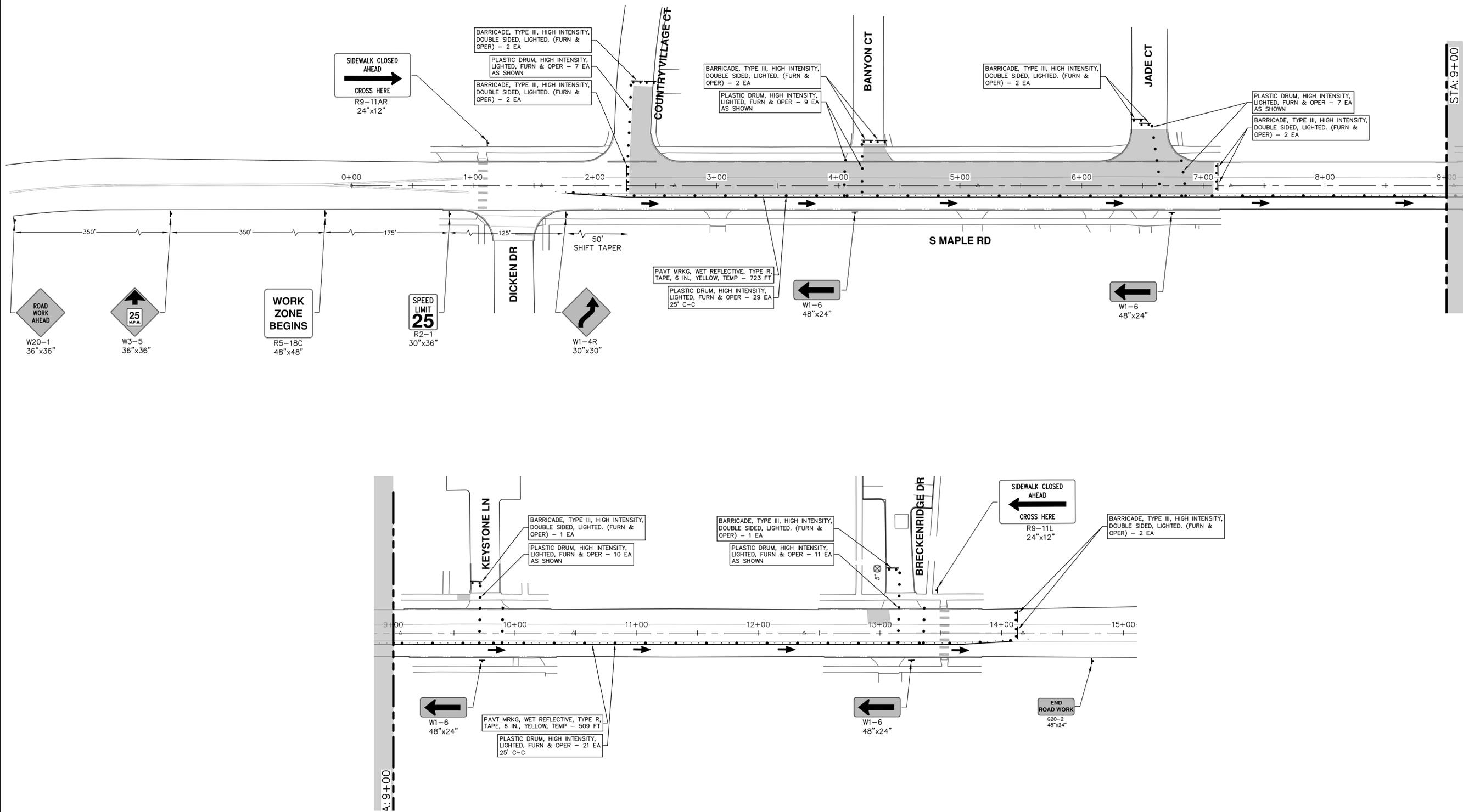
SOUTH BOUND S MAPLE RD DETOUR ROUTE

SCALE PLAN: 1" = 400'

DRAWING No.  
**2025026-6**

SHEET No.  
**6 OF 23**

R:\2024013 S Industrial Maple\Plan Production\2024013Mtrf Maple.dwg Dwg Created: 18-Feb-26 --\_a2 standard bw.stb -- Plot Date: 19-Feb-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

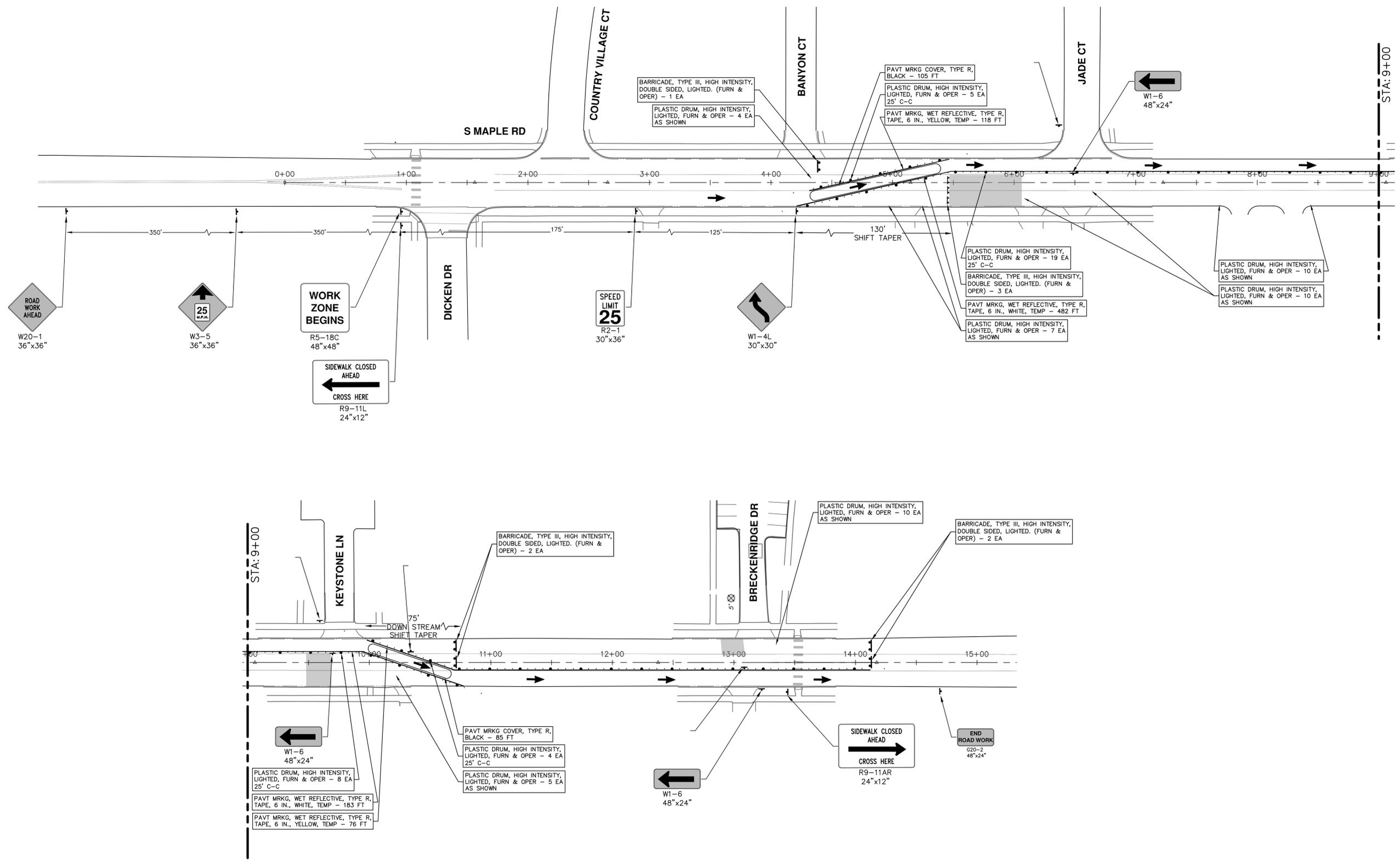
SHEET No. 7 OF 23

**811**  
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00	OUT FOR BID	02-19-2026	A2D	NE/JD

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R:\2024013 S Industrial Maple\Plan Production\2024013Mtrf1 Maple.dwg Dwg Created: 18-Feb-26 --\_02 standard bw.stb -- Plot Date: 19-Feb-26



**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**

S MAPLE RD TRAFFIC CONTROL

SCALE: 1" = 40'

DRAWING No. 2025026-8

SHEET No. 8 OF 23

**811**  
Know what's below.  
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED
00	OUT FOR BID	02-19-2026	A2D	NE/JD

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R:\2024013 S Industrial Maple\Plan Production\2024013Rem Maple.dwg Dwg Created: 19-Feb-26 --\_a02 standard bw.stb -- Plot Date: 19-Feb-26



**CAUTION**  
CRITICAL UTILITY

**CAUTION**  
HAZARDOUS  
OR FLAMMABLE  
MATERIAL

BARRICADE, TYPE III, HIGH INTENSITY,  
DOUBLE SIDED, LIGHTED, (FURN &  
OPER) - 4 EA

PLASTIC DRUM, HIGH INTENSITY,  
LIGHTED, FURN & OPER - 21 EA  
25' C-C

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

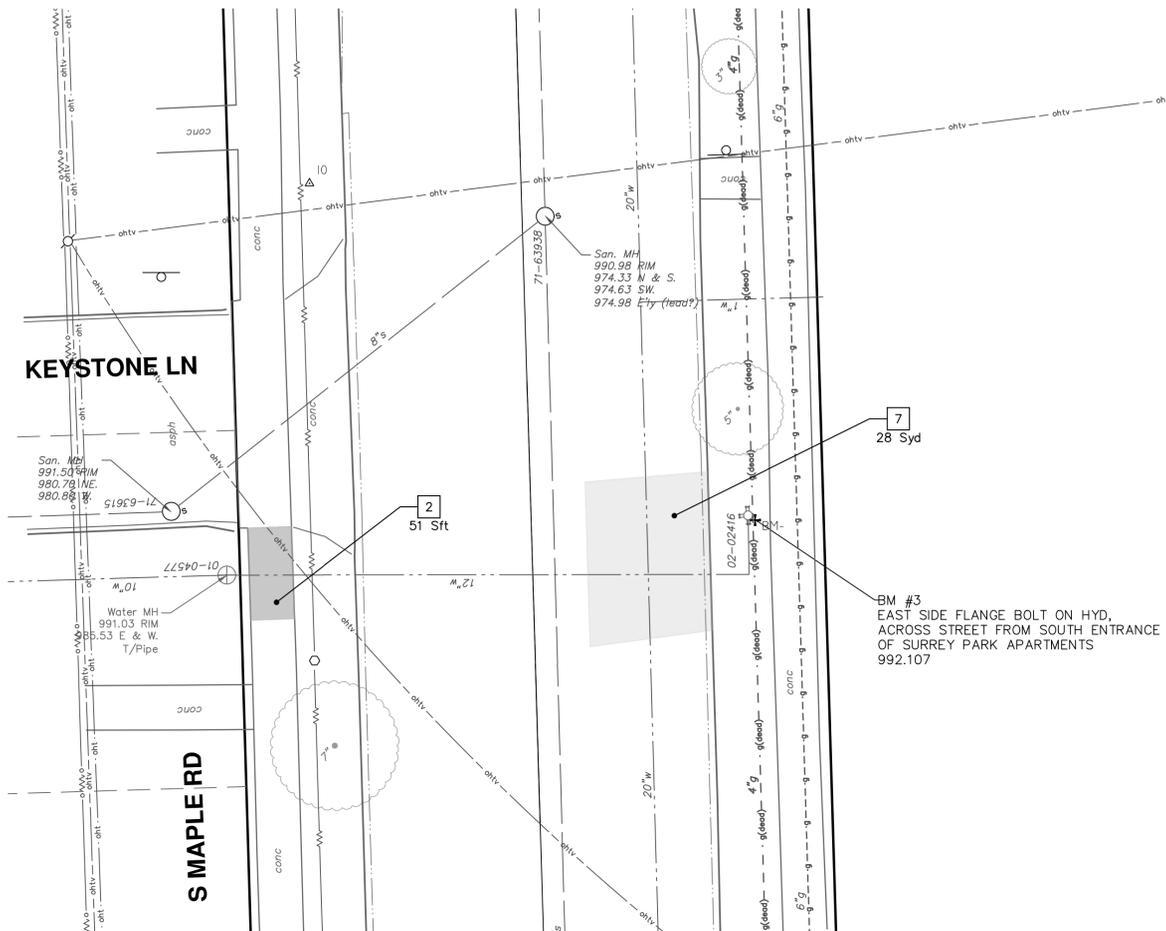
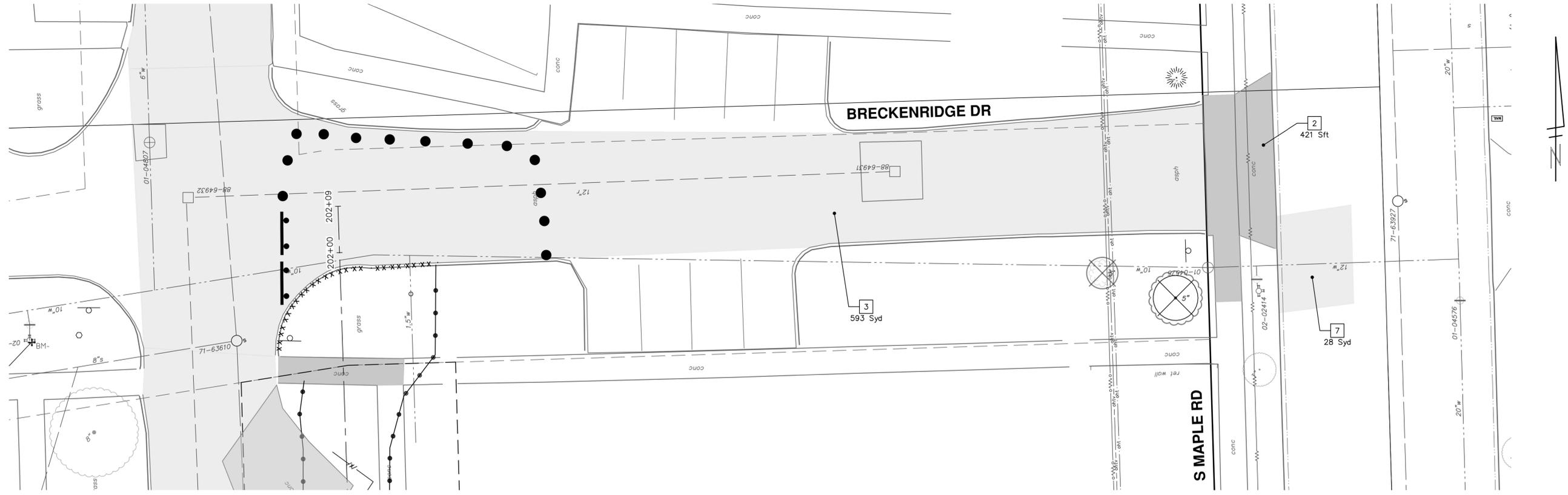


REV.	DATE	DESCRIPTION	DRAWN	CHECKED
00	02-19-2026	A2D		
		OUT FOR BID		

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





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

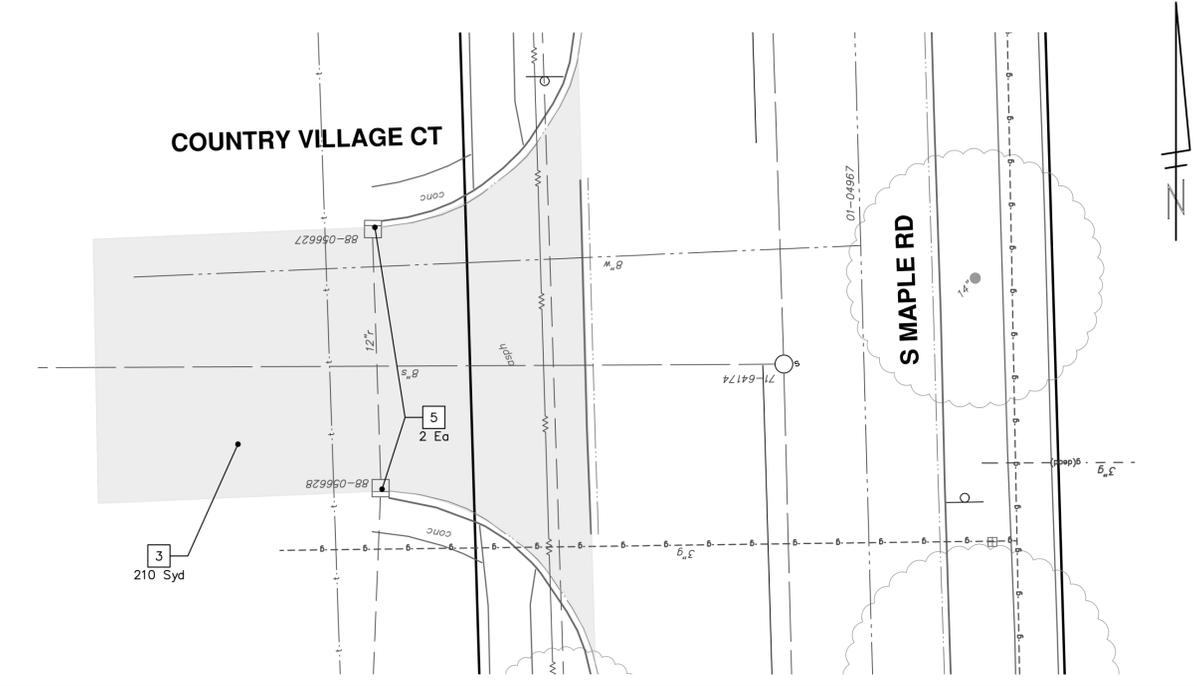
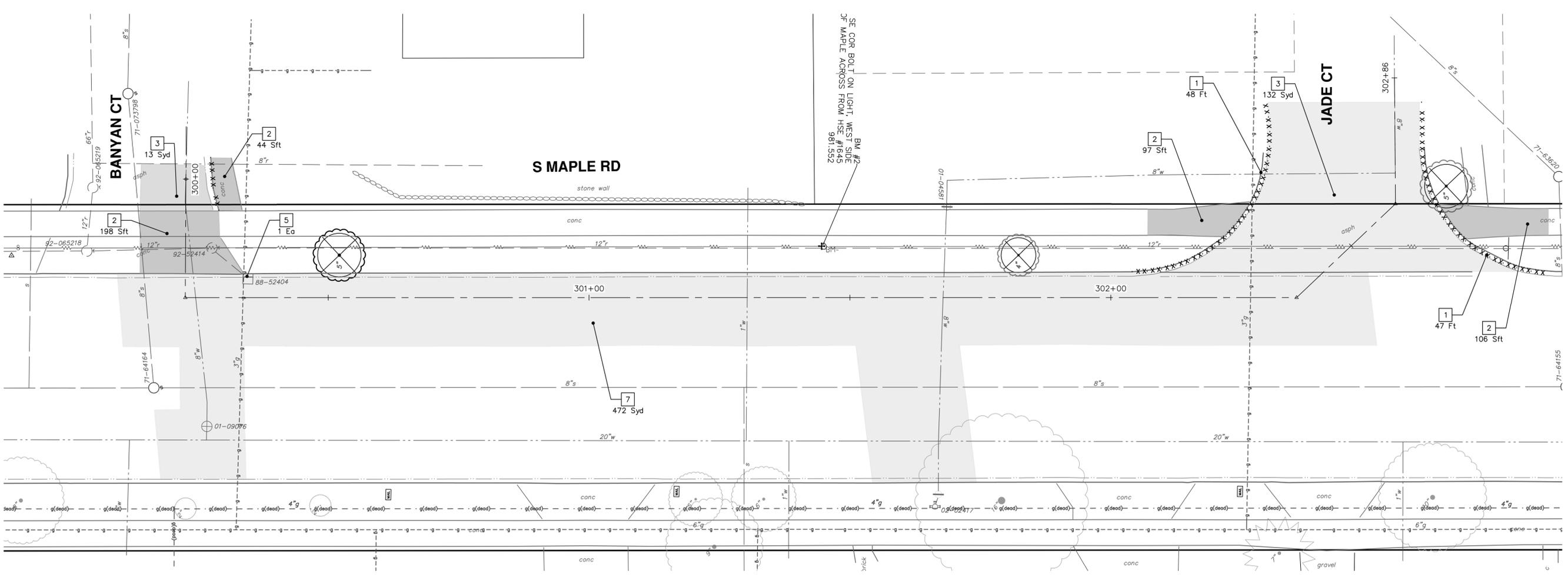


**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
 REMOVALS  
 BRECKENRIDGE DR., KEYSTONE LN.

SHEET No. 11 OF 23  
 SCALE PLAN: 1" = 10'  
 DRAWING No. 2025026-11

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

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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
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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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS  
REMOVALS

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

SCALE PLAN: 1" = 10'

DRAWING No.  
**2025026-12**

SHEET No.  
**12 OF 23**

DURANGO (NORTH) WATER MAIN  
SEE SHEET 14

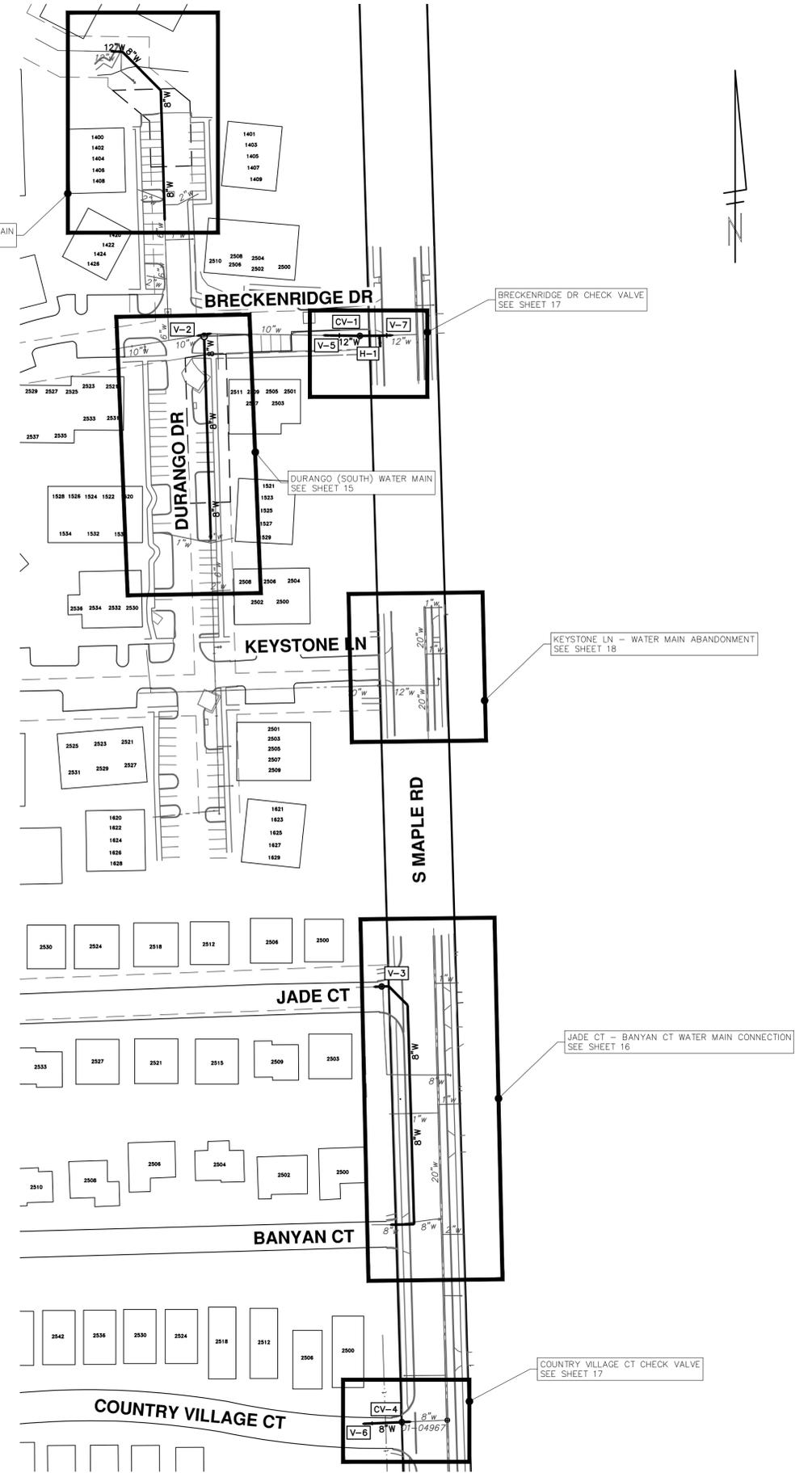
DURANGO (SOUTH) WATER MAIN  
SEE SHEET 15

BRECKENRIDGE DR CHECK VALVE  
SEE SHEET 17

KEYSTONE LN - WATER MAIN ABANDONMENT  
SEE SHEET 18

JADE CT - BANYAN CT WATER MAIN CONNECTION  
SEE SHEET 16

COUNTRY VILLAGE CT CHECK VALVE  
SEE SHEET 17

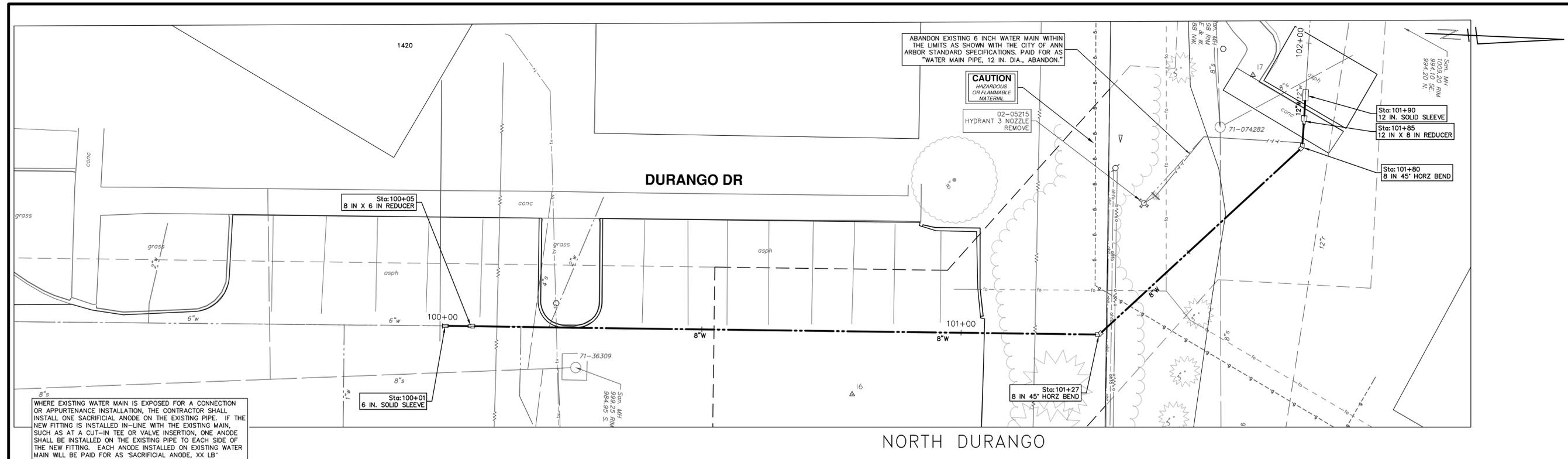


**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
**OVERALL WATER MAIN PLAN**

SCALE PLAN: 1" = 70'  
 DRAWING No. 2025026-13

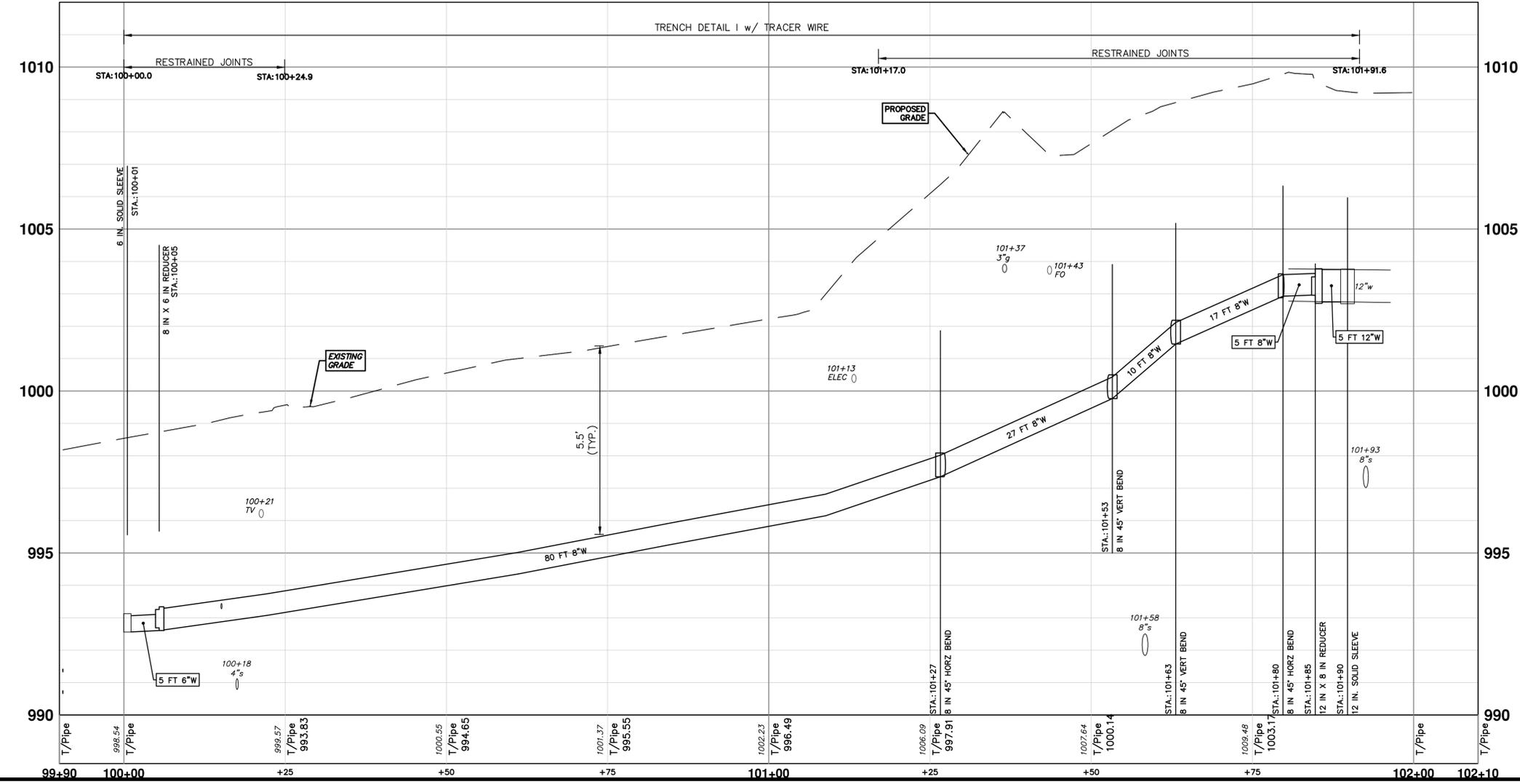
REV.	DESCRIPTION	DATE	DRAWN	CHECKED
00	OUT FOR BID	02-19-2026	A2D	NE/JD

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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"

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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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**

WATER MAIN PLAN AND PROFILE

DURANGO (NORTH)

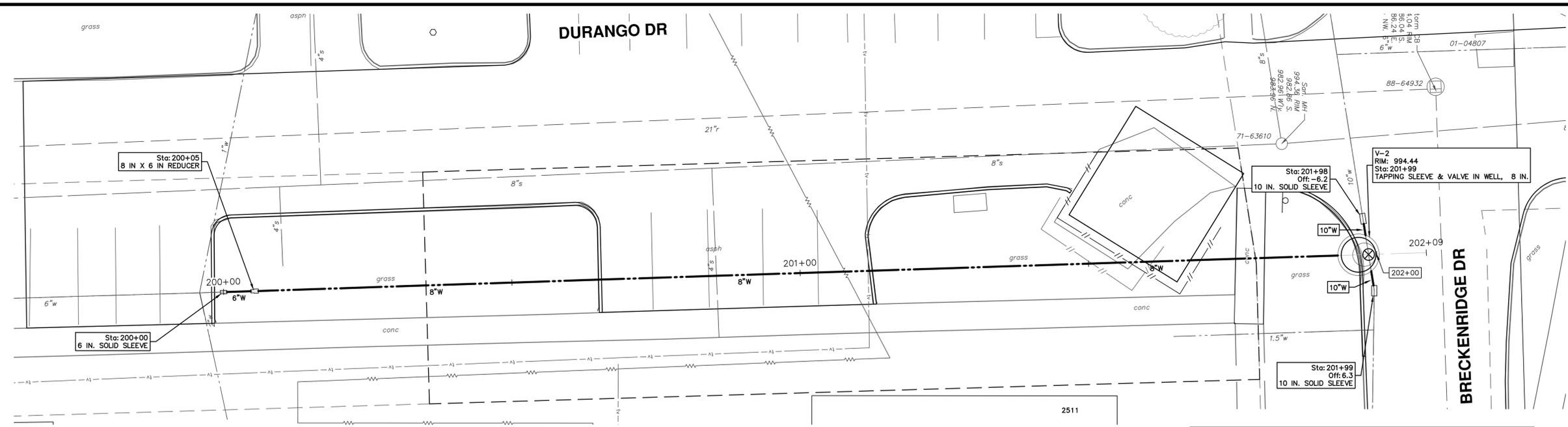
SCALE PLAN: 1" = 10'

PROFILE: 1" = 2'

DRAWING NO. 2025026-14

SHEET NO. 14 OF 23

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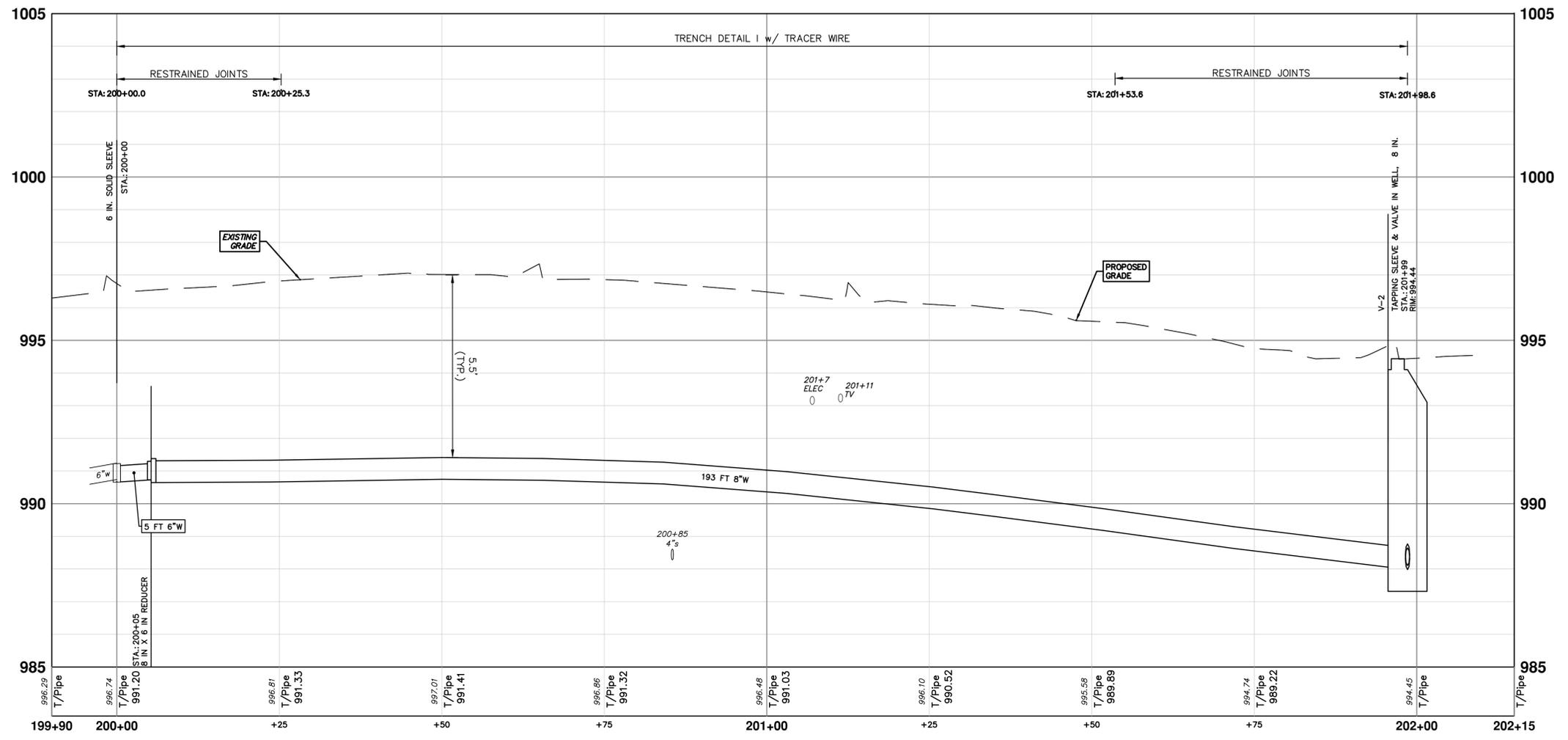


WHERE EXISTING WATER MAIN IS EXPOSED FOR A CONNECTION OR APPURTENANCE INSTALLATION, THE CONTRACTOR SHALL INSTALL ONE SACRIFICIAL ANODE ON THE EXISTING PIPE. IF THE NEW FITTING IS INSTALLED IN-LINE WITH THE EXISTING MAIN, SUCH AS AT A CUT-IN TEE OR VALVE INSERTION, ONE ANODE SHALL BE INSTALLED ON THE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

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



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

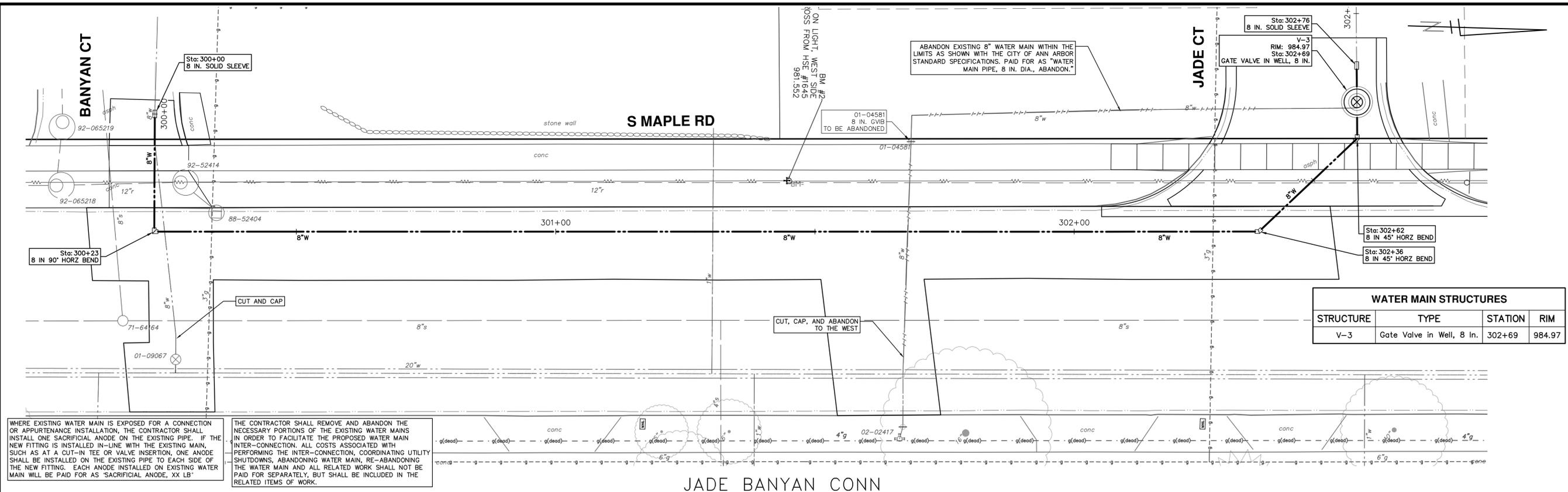
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MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS  
WATER MAIN PLAN AND PROFILE  
DURANGO (SOUTH)

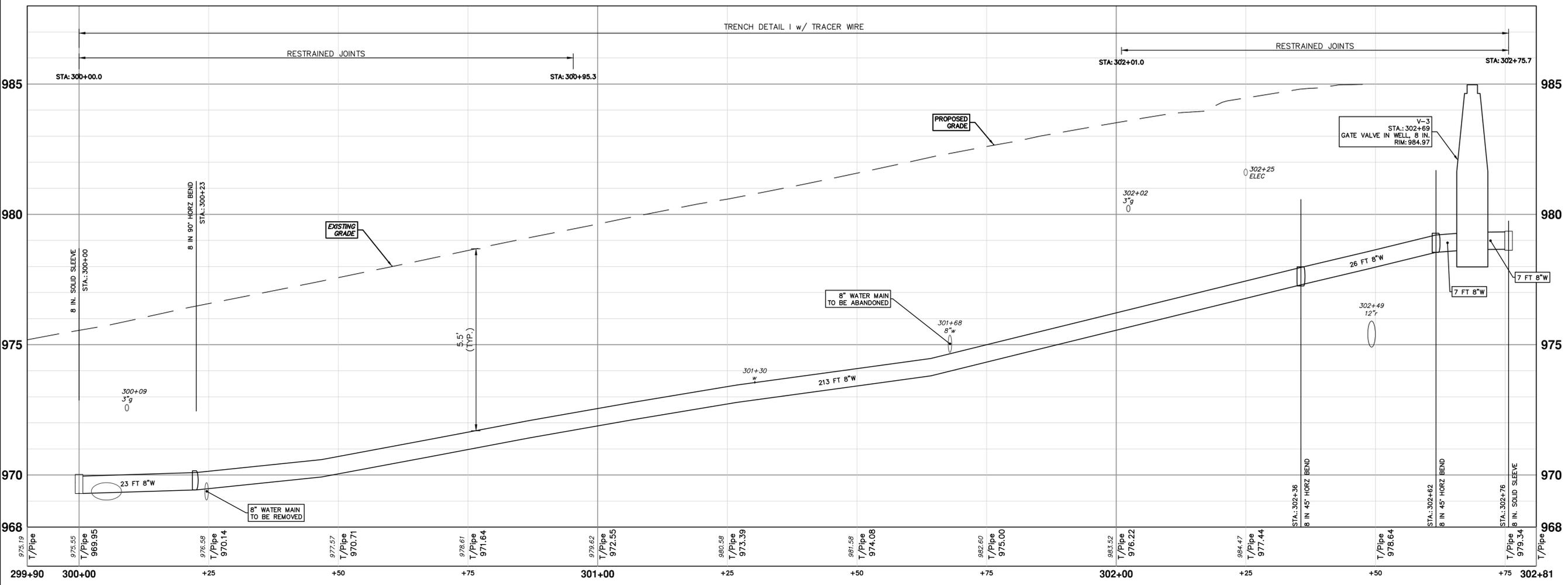
SCALE PLAN: 1" = 10'  
PROFILE: 1" = 2'  
DRAWING No.  
2025026-15

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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'

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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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

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

**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**

WATER MAIN PLAN AND PROFILE

S MAPLE RD - BANYAN CT TO JADE CT

DRAWING NO.  
**2025026-16**

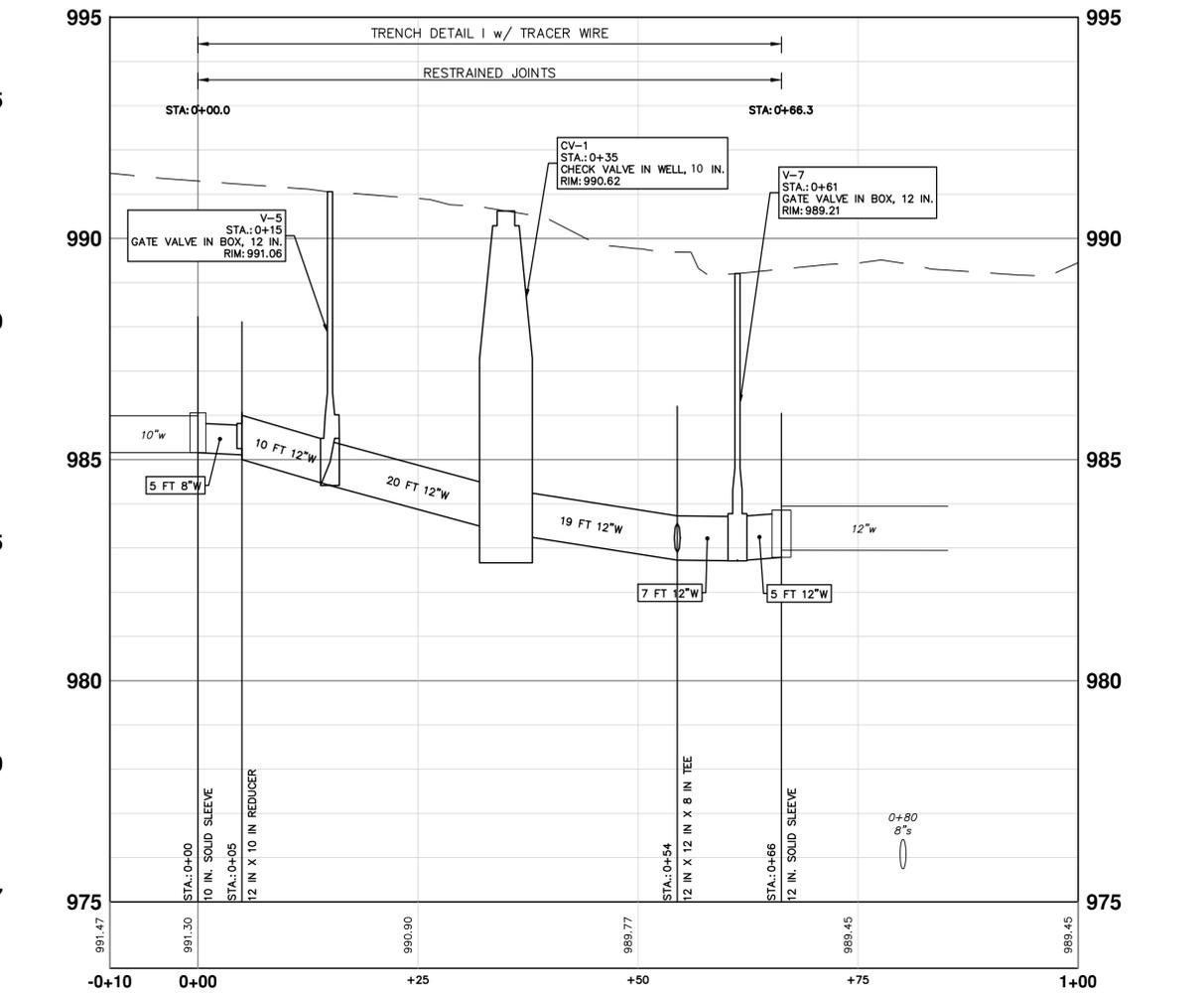
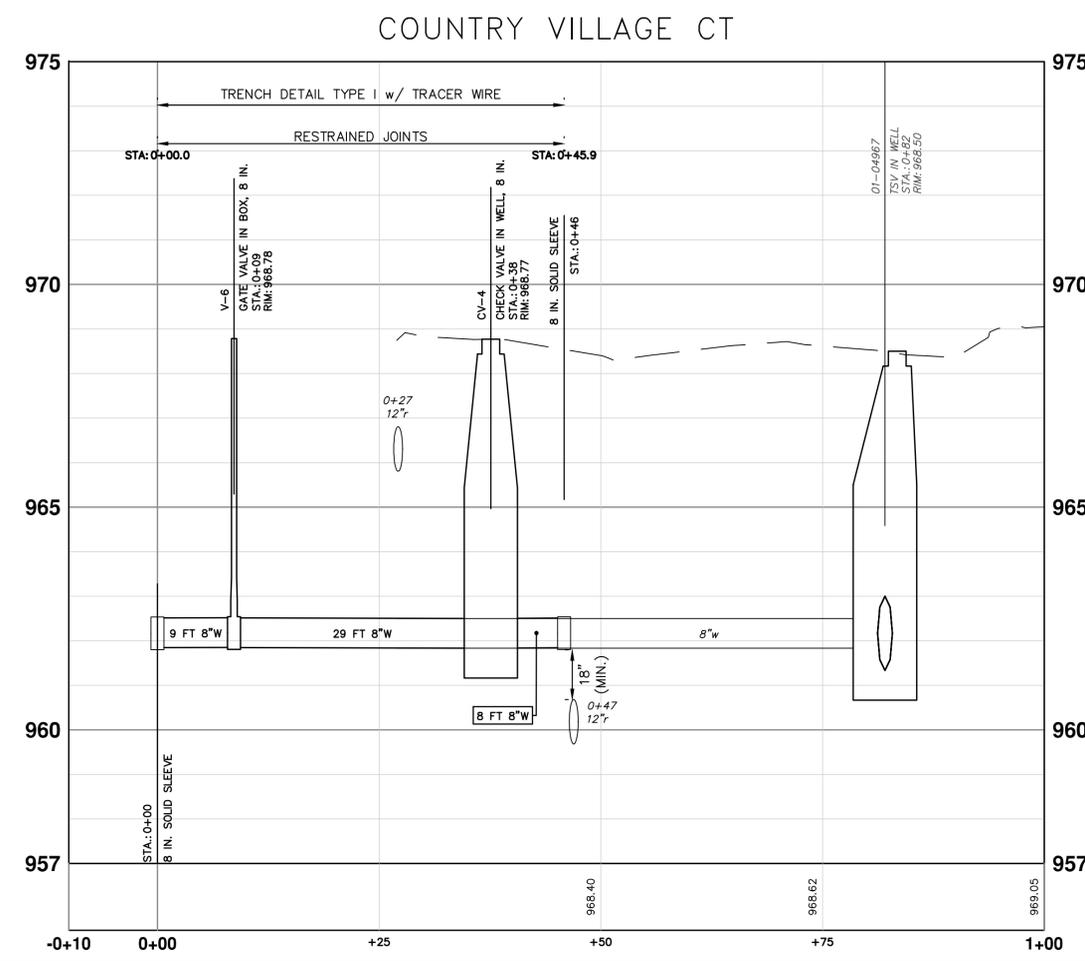
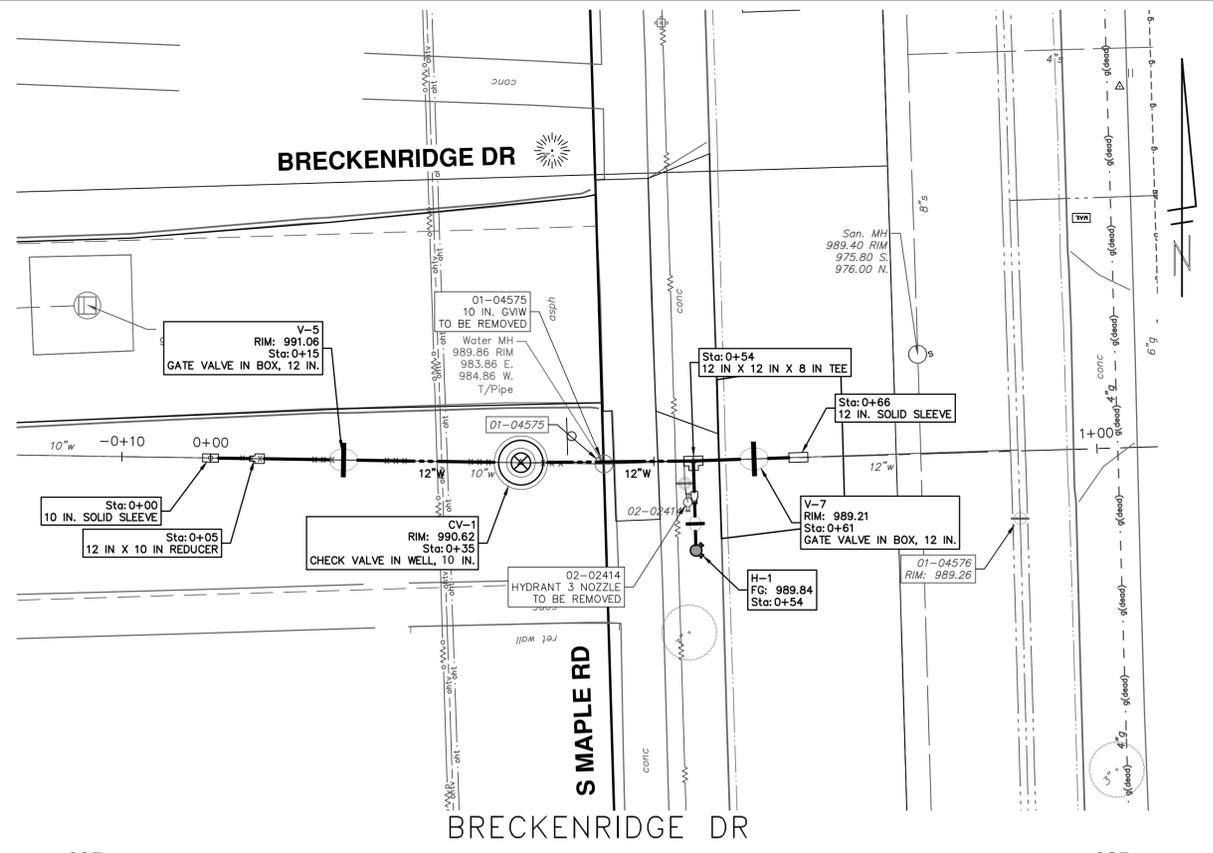
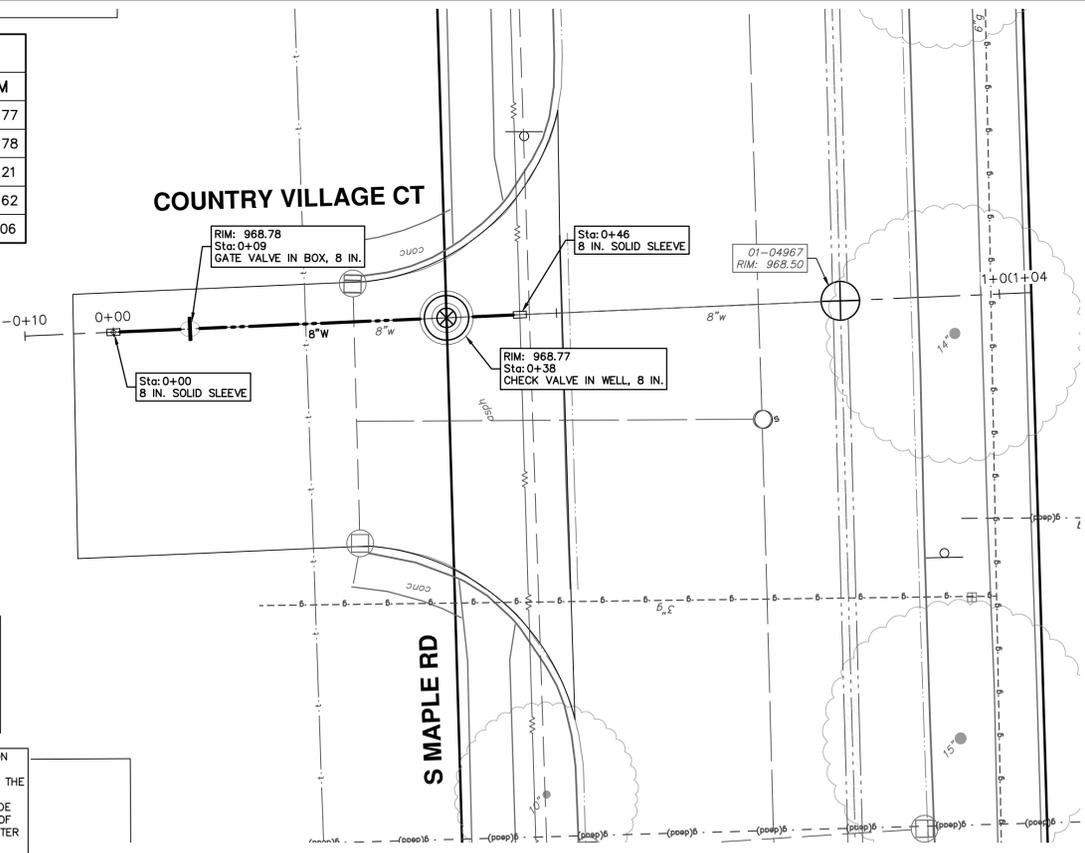
SHEET NO.  
**16 OF 23**

WATER MAIN STRUCTURES		
STRUCTURE	TYPE	RIM
CV-4	Check Valve in Well, 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 Well, 12 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"



REV.	DATE	DRAWN	CHECKED
00	02-19-2026	AZD	NEJ/AD

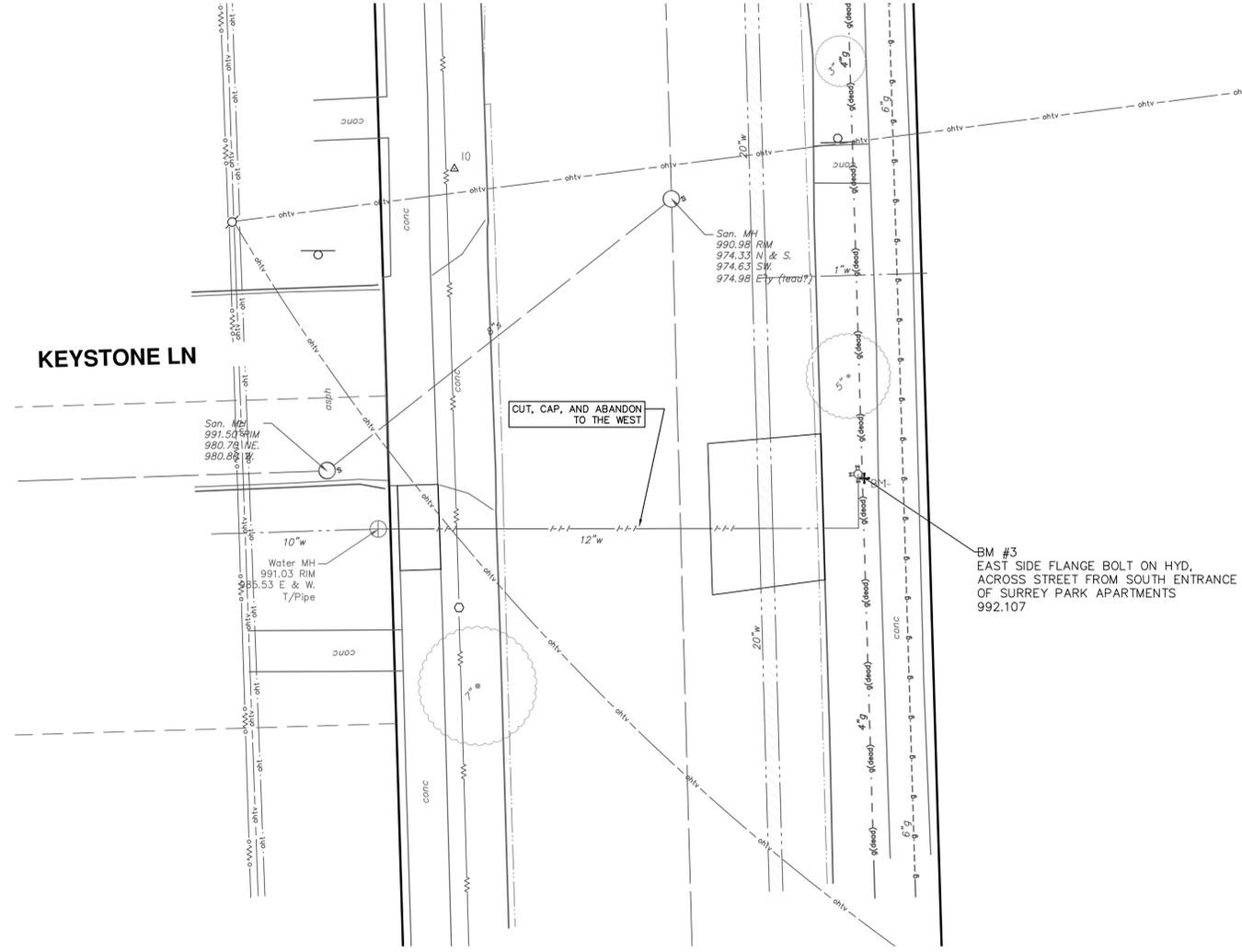
CITY OF ANN ARBOR  
PUBLIC SERVICES  
301 EAST WOODROW STREET  
ANN ARBOR, MI 48107-8847  
734-794-6410  
www.a2gov.org



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.

R:\2024013 S Industrial Maple\Plan Production\2024013Watr Maple.dwg Dwg Created: 19-Feb-26 --\_a02 standard bw.stb -- Plot Date: 19-Feb-26



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'

BM #3  
EAST SIDE FLANGE BOLT ON HYD.  
ACROSS STREET FROM SOUTH ENTRANCE  
OF SURREY PARK APARTMENTS  
992.107

CUT, CAP, AND ABANDON  
TO THE WEST

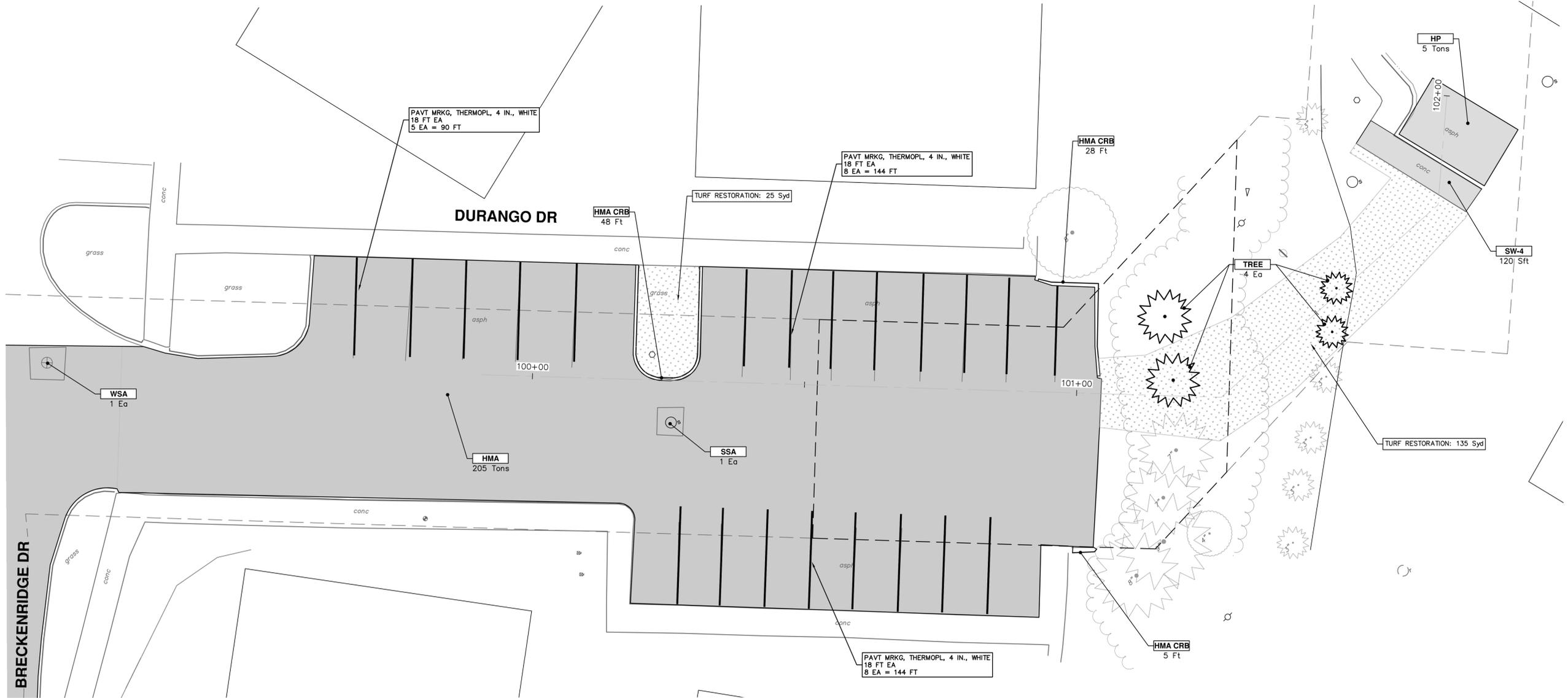
KEYSTONE LN



		CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST BROADWAY STREET ANN ARBOR, MI 48107-8647 734-794-6410 www.a2gov.org	
CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS KEYSTONE LN WM ABANDONEMENT		REV. 00 OUT FOR BID	DESCRIPTION DATE 02-19-2026 A2D NE/JD DRAWN CHECKED
SCALE PLAN: ##### DRAWING No. 2025026-18		SHEET No. 18 OF 23	



R:\2024013 S Industrial Maple\Plan Production\2024013prd Maple.dwg Dwg Created: 17-Feb-26 --\_a2 standard bw.stb -- Plot Date: 19-Feb-26



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 dioica (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	Dumpster Pad Enclosure

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

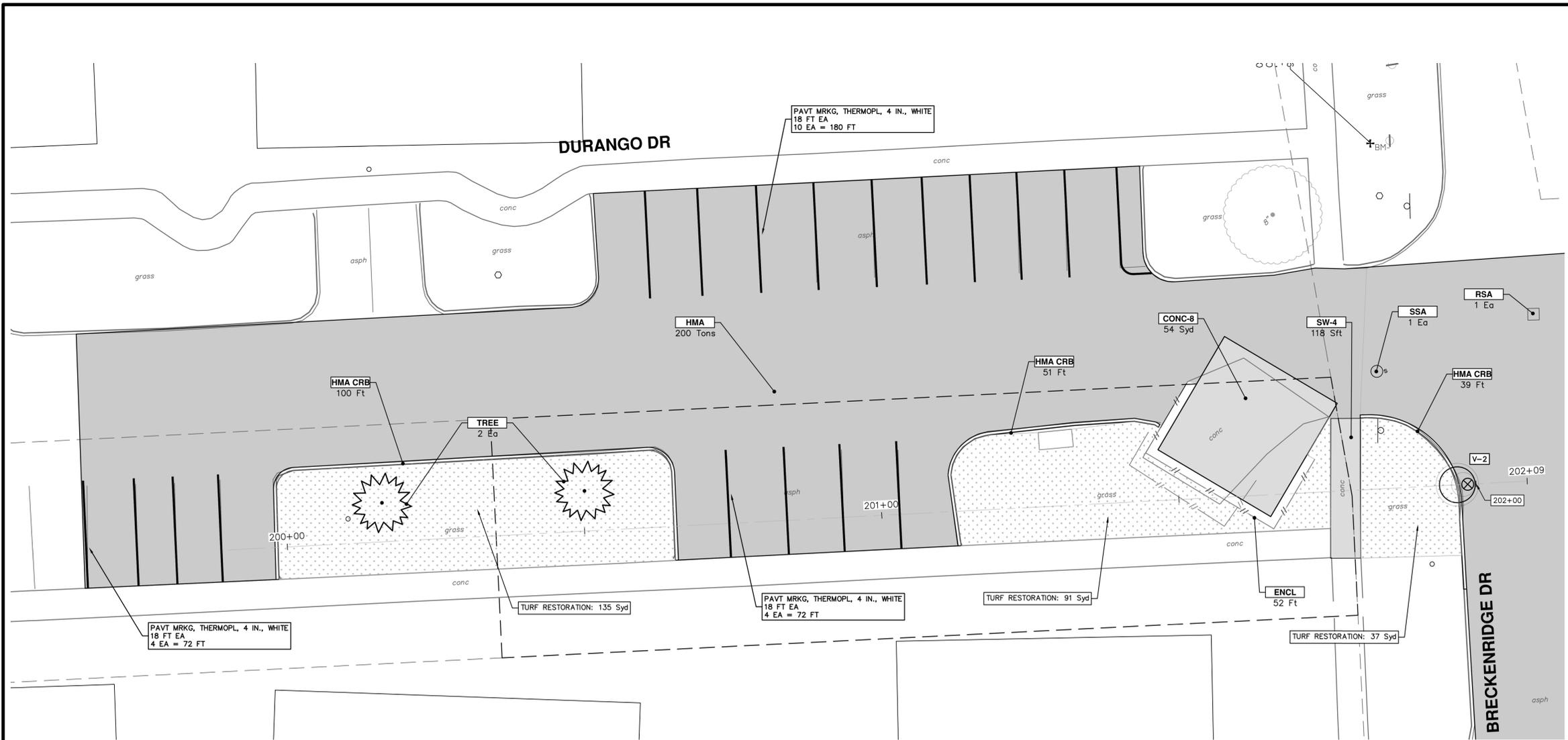
SCALE PLAN: 1" = 10'  
 DRAWING No.  
 2025026-19



REV.	DATE	DESCRIPTION	DRAWN	CHECKED
00	02-19-2026	A2D		
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R:\2024013 S Industrial Maple\Plan Production\2024013Prd Maple.dwg Dwg Created: 17-Feb-26 -- \_62 standard bw.stb -- Plot Date: 19-Feb-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
HMA CRB	HMA Curb
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ENCL	Dumpster Pad Enclosure

**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

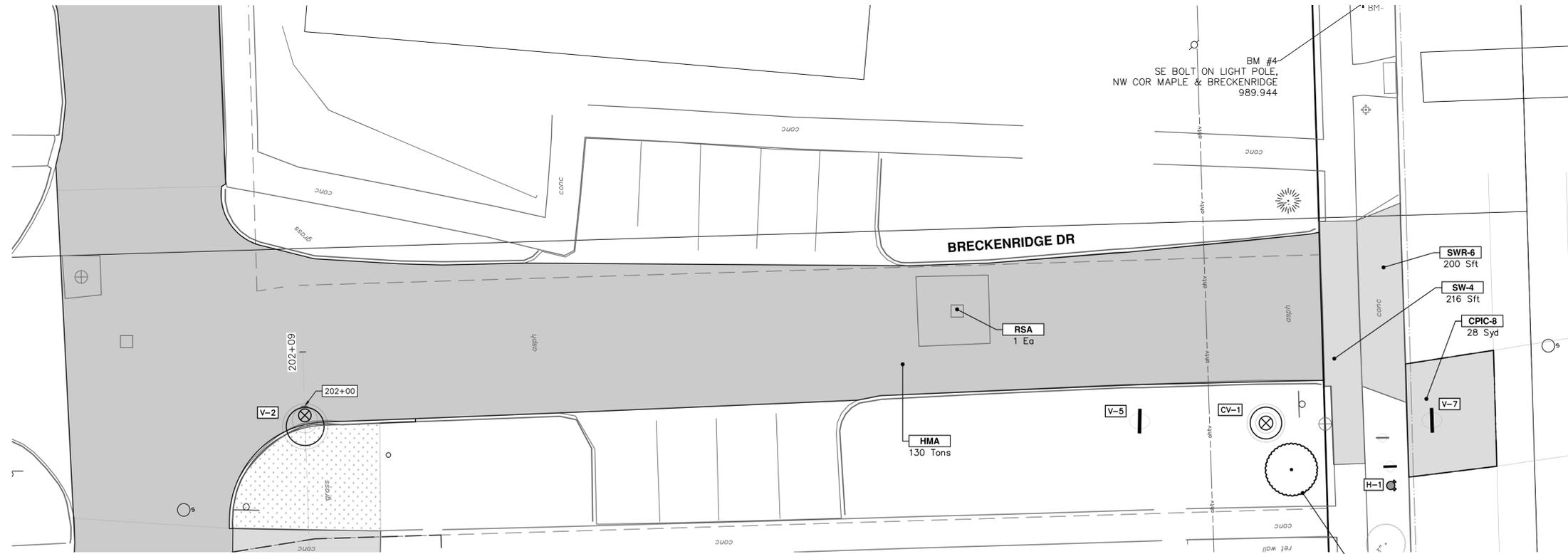
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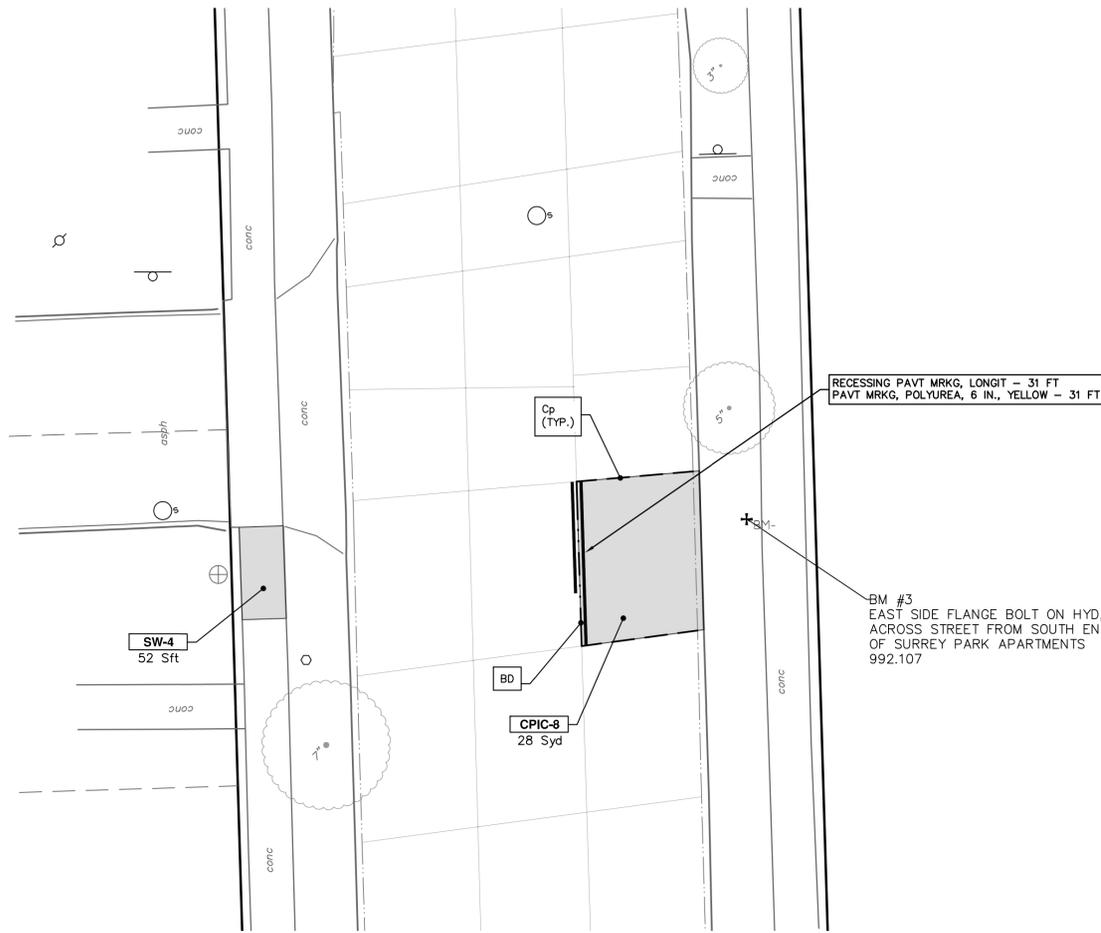
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00	OUT FOR BID	02-19-2026	A2Z	NE/JD

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**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)



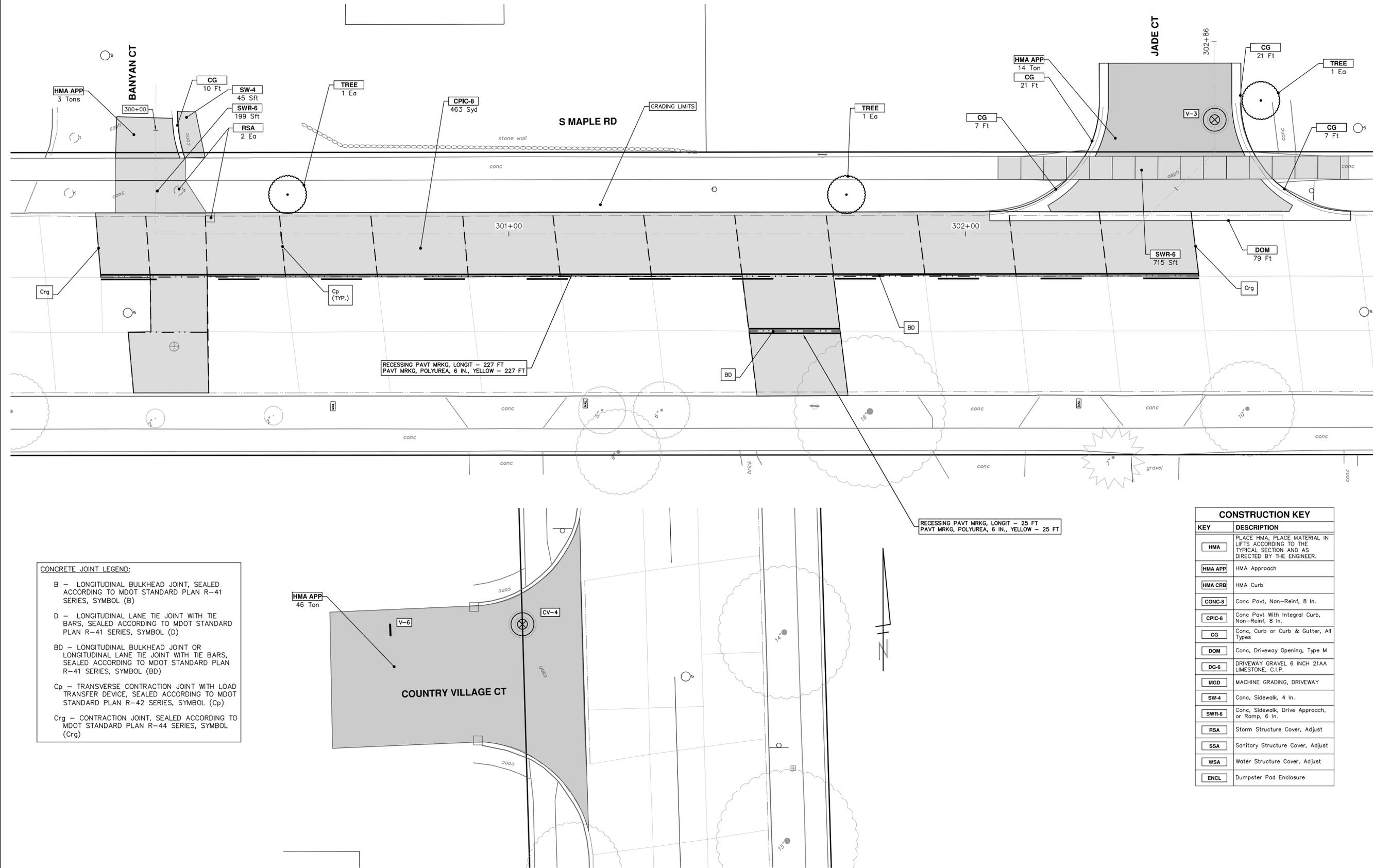
REV.	DATE	DESCRIPTION	BY	CHECKED
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CITY OF ANN ARBOR  
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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
 RESTORATION  
 BRECKENRIDGE DR AND S MAPLE RD, KEYSTONE LN

SCALE PLAN: 1" = 10'  
 DRAWING No.  
 2025026-21

R:\2024013 S Industrial Maple\Plan Production\2024013prd Maple.dwg Dwg Created: 17-Feb-26 -- 02 standard bw.stb -- Plot Date: 19-Feb-26



**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)



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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**

**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS RESTORATION**

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

SCALE PLAN: 1" = 10'

DRAWING No. 2025026-22

SHEET No. 22 OF 23

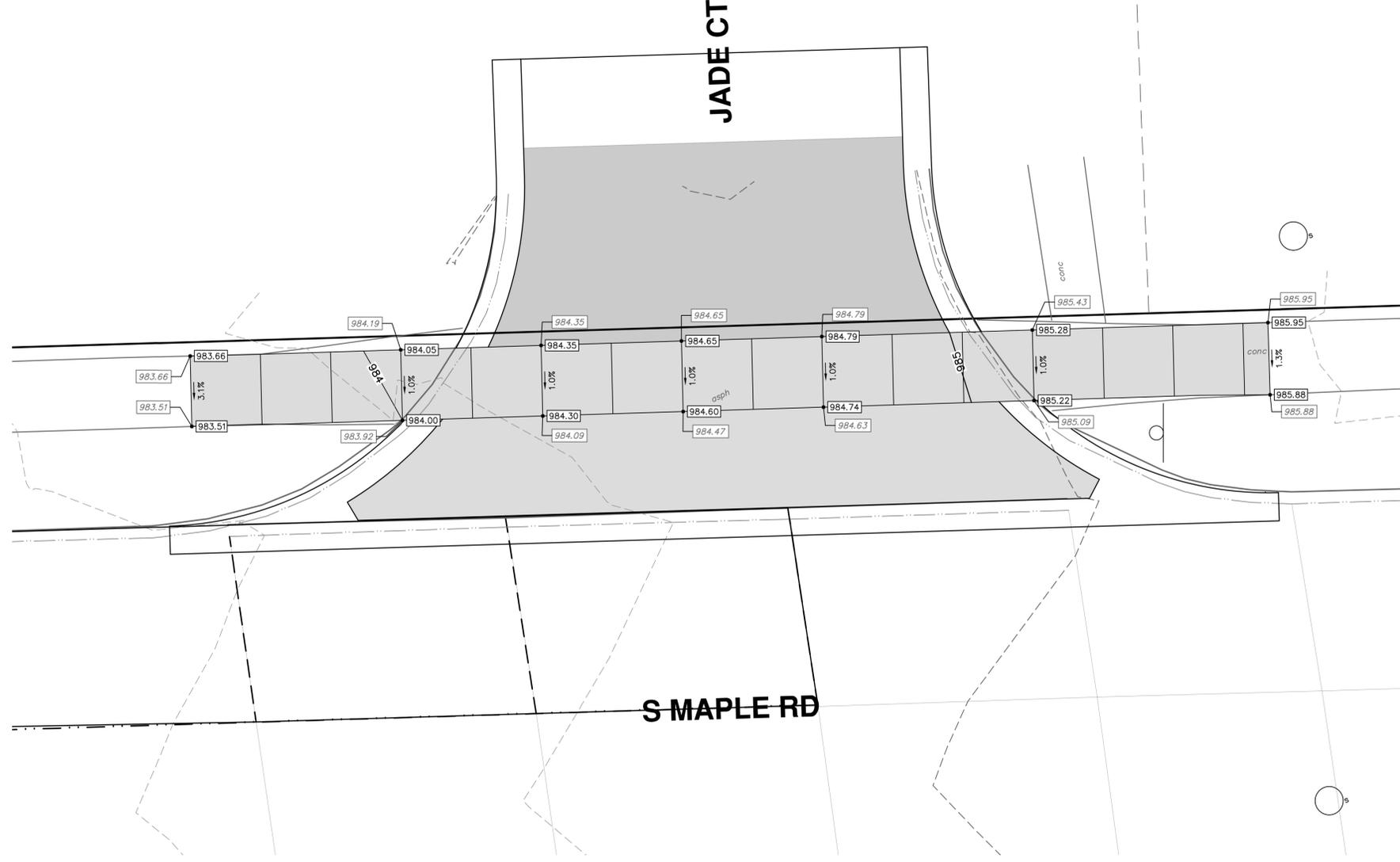


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**CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING**  
**MAPLE WATER PRESSURE DISTRICT IMPROVEMENTS**  
 SIDEWALK GRADES  
 JADE CT SIDEWALK GRADES

SCALE PLAN: 1" = 8'  
 DRAWING No.  
 2025026-23