

CONSTRUCTION PLANS FOR

8" WATER MAIN REPLACEMENT

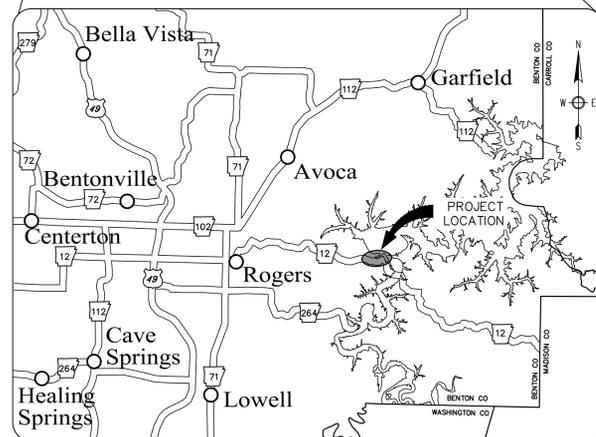
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE

FOR THE

CITY OF ROGERS
BENTON COUNTY, ARKANSAS



ALL EXISTING UTILITIES SHOWN HEREIN ARE DEPICTED AT QUALITY LEVEL D IN ACCORDANCE WITH ASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.



VICINITY MAP

AUGUST 2025 - ORIGINAL ADH SUBMITTAL
NOVEMBER 2025 - REVISED PER ADH COMMENTS

BY
ENGINEERING SERVICES INC.



CONSULTING ENGINEERS
SPRINGDALE, ARKANSAS
PHONE: 479-751-8733
FAX: 479-751-8746
WWW.ENGINEERINGSERVICES.COM

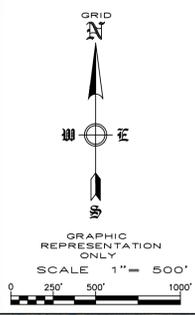
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7A-8A	ALTERNATE PLAN AND PROFILE SHEETS
12-13	ROGERS TYPICAL WATER DETAILS
14	ROGERS NON-TYPICAL WATER DETAILS



12/10/2025
DBGERNON



TIMOTHY J. MAYS, P.E. NO. 10441
ENGINEERING SERVICES, INC.



8" WATER MAIN REPLACEMENT ALONG AR HIGHWAY 12
 INSTALL ±5,158 L.F. OF 8" D.I. WATER MAIN.

LOW POINT OF REPLACEMENT
 ELEVATION = 1122
 MAX STATIC PRESSURE = 167psi

HIGH POINT OF REPLACEMENT
 ELEVATION = 1148
 MAX STATIC PRESSURE = 156psi

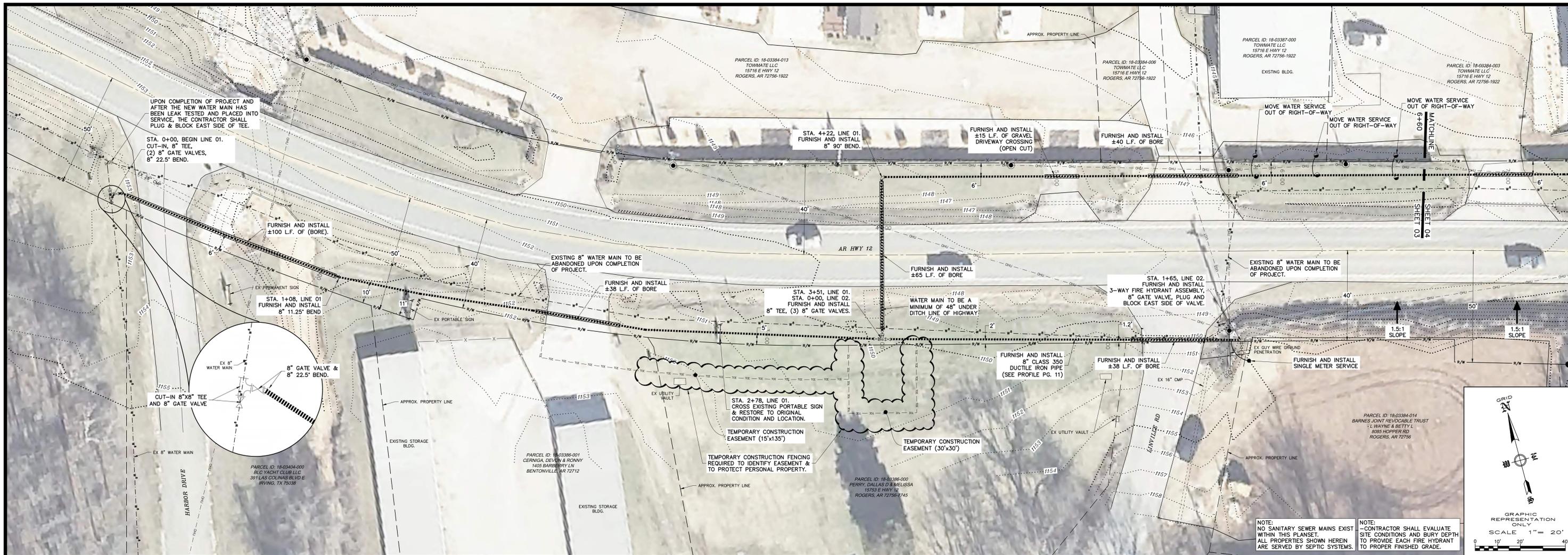
BASIS OF PRESSURE
 EXISTING ELEVATED STORAGE TANK = 1509
 AR HWY 12 - PRAIRIE CREEK

LEGEND	
-----	PROPOSED 8" WATER MAIN
-----	EXISTING 2" WATER MAIN
-----	EXISTING 3" WATER MAIN
-----	EXISTING 4" WATER MAIN
-----	EXISTING 6" WATER MAIN
-----	EXISTING 8" WATER MAIN
-----	EXISTING 10" WATER MAIN
-----	EXISTING 12" WATER MAIN
-----	EXISTING 36" WATER MAIN

GENERAL LAYOUT
8" WATER MAIN REPLACEMENT TO BRIDGE
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

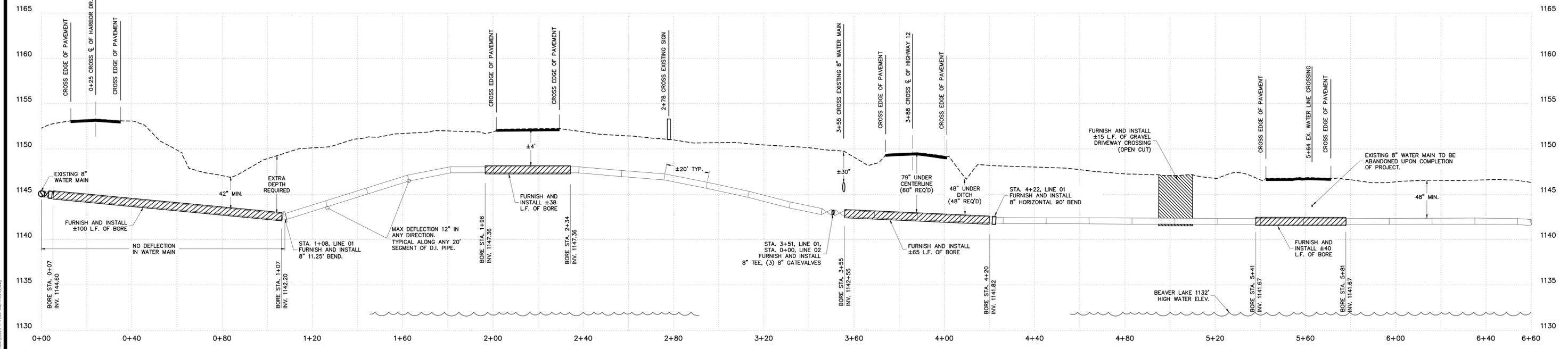
REVISION	DATE	DESCRIPTION

SCALE: 1"=500'
 DATE: Aug 21, 2025
 ENGINEER: T.M.
 DRAWN BY: W.F.
 W.O. #: 22825



8" PRESSURE CLASS 350 DUCTILE IRON PIPE

SCALE: HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



GENERAL NOTES:
 (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 (2) The owner will provide easements where transmission mains cross private property.
 (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER
	SINGLE METER SETTING		
	DOUBLE METER SETTING		
	1" METER SETTING		

REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
 DATE: Sep 10, 2025
 ENGINEER: T.M.
 DRAWN BY: M.F.
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PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

11/24/2025
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
 No. 10441
TIMOTHY J. MAYS

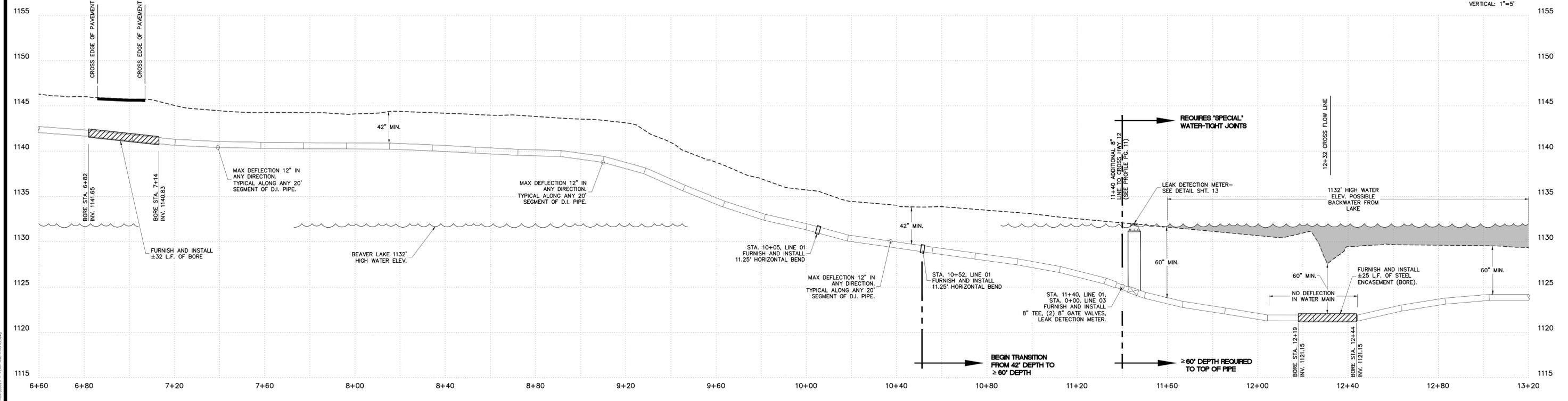
131
ENGINEERING SERVICES, INC.
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 SPRINGDALE, ARKANSAS 72764
 PHONE: 479-751-8733

W.O. No. 22825
 SHEET No. 03

ESI
ENGINEERING SERVICES INC.



8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:

- All water mains to have a minimum cover of 36 inches over the top of the pipe.
- The owner will provide easements where transmission mains cross private property.
- The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND	
PROPOSED 2" WATER MAIN	PROPOSED AIR RELEASE VALVE
PROPOSED 3" WATER MAIN	PROPOSED PRESSURE REDUCING VALVE
PROPOSED 4" WATER MAIN	PROPOSED GATE VALVE
PROPOSED 6" WATER MAIN	PROPOSED BLOW-OFF
PROPOSED 8" WATER MAIN	PROPOSED 3-WAY FIRE HYDRANT
PROPOSED 12" WATER MAIN	PROPOSED 2-WAY FIRE HYDRANT
EXISTING WATER MAIN & SIZE	PROPOSED LEAK DETECTION METER
SINGLE METER SETTING	
DOUBLE METER SETTING	
1" METER SETTING	

REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
 DATE: Sep 12, 2025
 ENGINEER: T.M.
 DRAWING NO.: 1041
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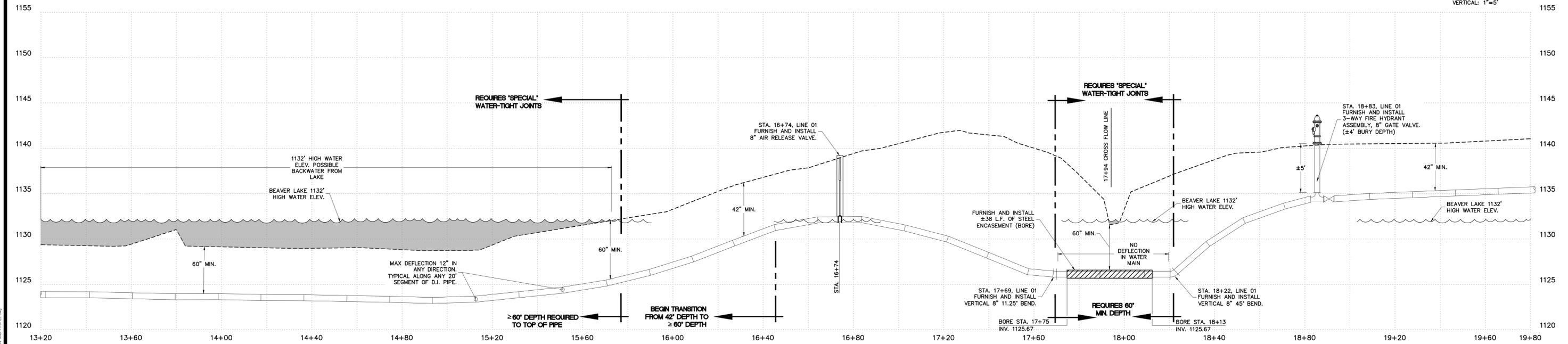
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS



W.O. No. 22825
 SHEET No. 04



8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:

- All water mains to have a minimum cover of 36 inches over the top of the pipe.
- The owner will provide easements where transmission mains cross private property.
- The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

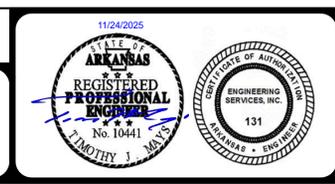
LEGEND

PROPOSED 2" WATER MAIN	PROPOSED AIR RELEASE VALVE
PROPOSED 3" WATER MAIN	PROPOSED PRESSURE REDUCING VALVE
PROPOSED 4" WATER MAIN	PROPOSED GATE VALVE
PROPOSED 6" WATER MAIN	PROPOSED BLOW-OFF
PROPOSED 8" WATER MAIN	PROPOSED 3-WAY FIRE HYDRANT
PROPOSED 12" WATER MAIN	PROPOSED 2-WAY FIRE HYDRANT
EXISTING WATER MAIN & SIZE	PROPOSED LEAK DETECTION METER
SINGLE METER SETTING	
DOUBLE METER SETTING	
SINGLE METER SETTING	
1" METER SETTING	

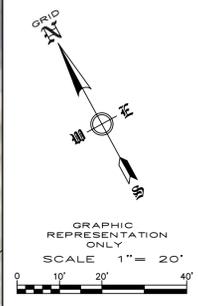
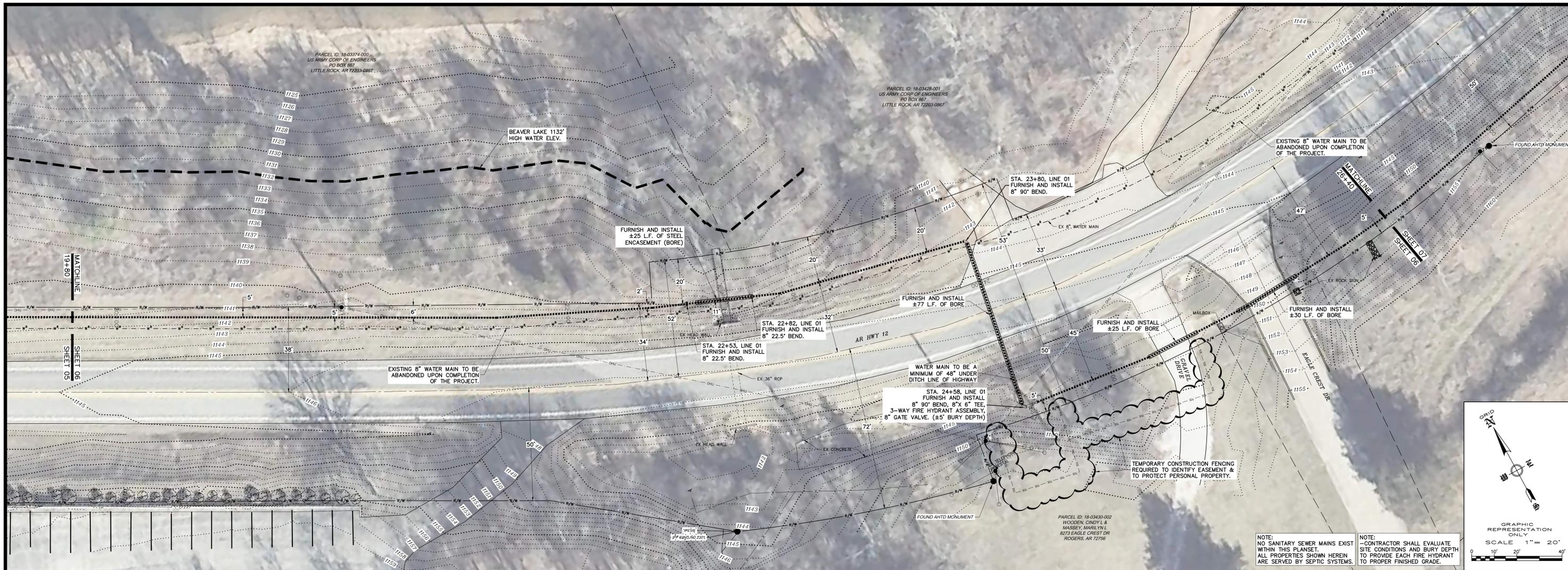
REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
 DATE: Sep 12, 2025
 ENGINEER: T.M.
 DRAWN BY: M.F.
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PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS



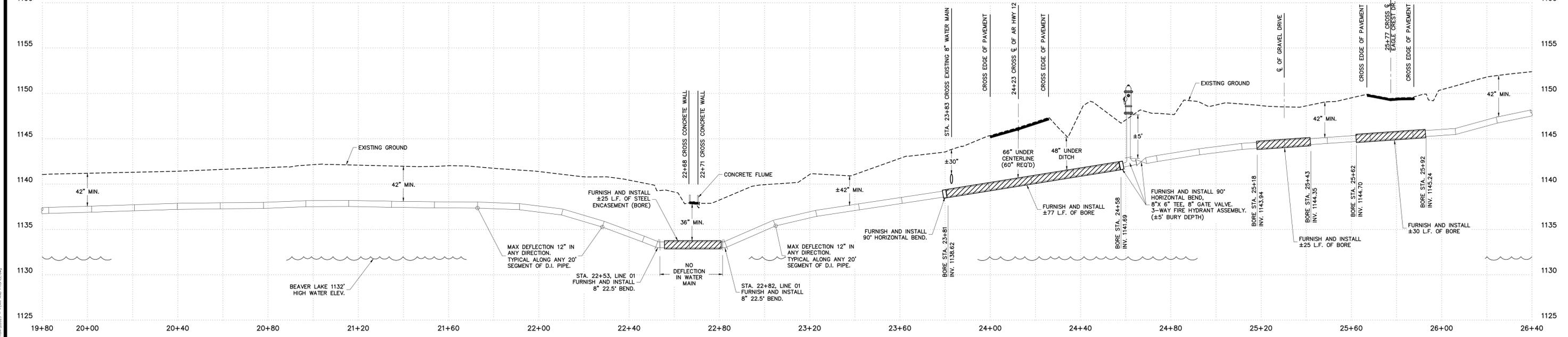
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 SHEET No. 05



NOTE: NO SANITARY SEWER MAINS EXIST WITHIN THIS PLANSET. ALL PROPERTIES SHOWN HEREIN ARE SERVED BY SEPTIC SYSTEMS.

NOTE: CONTRACTOR SHALL EVALUATE SITE CONDITIONS AND BURY DEPTH TO PROVIDE EACH FIRE HYDRANT TO PROPER FINISHED GRADE.

8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:
 (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 (2) The owner will provide easements where transmission mains cross private property.
 (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

SCALE: 1"=20'

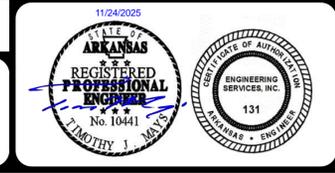
DATE: Sep 10, 2025

ENGINEER: TAM

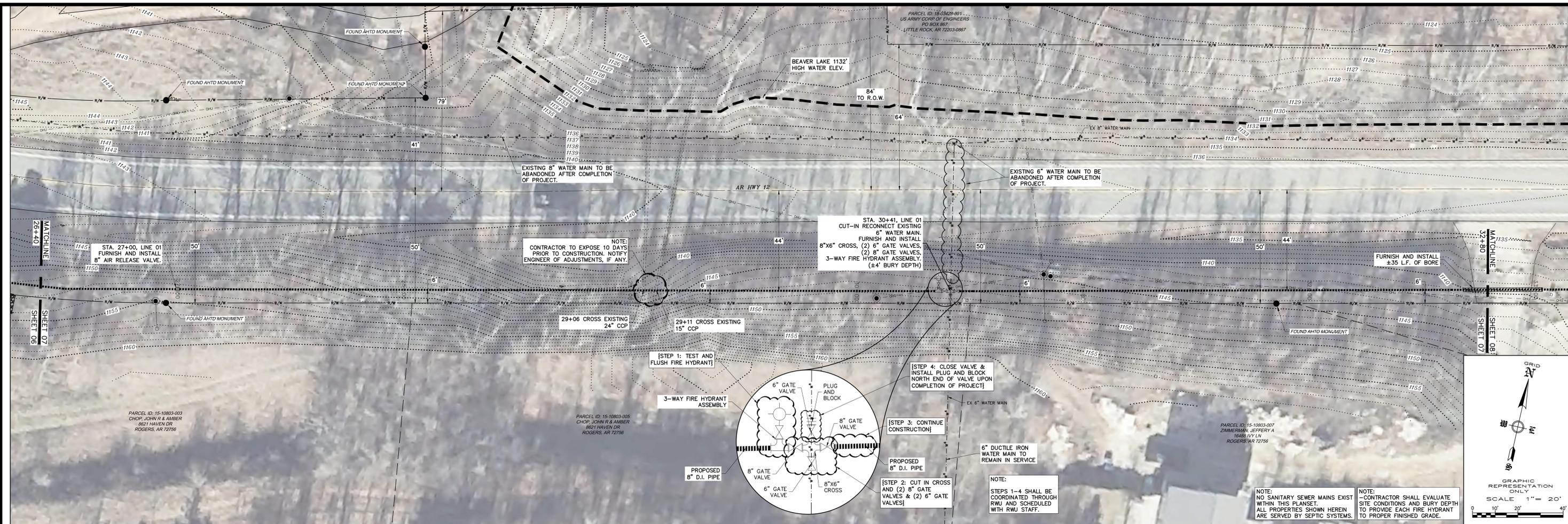
DRAWN BY: MEF

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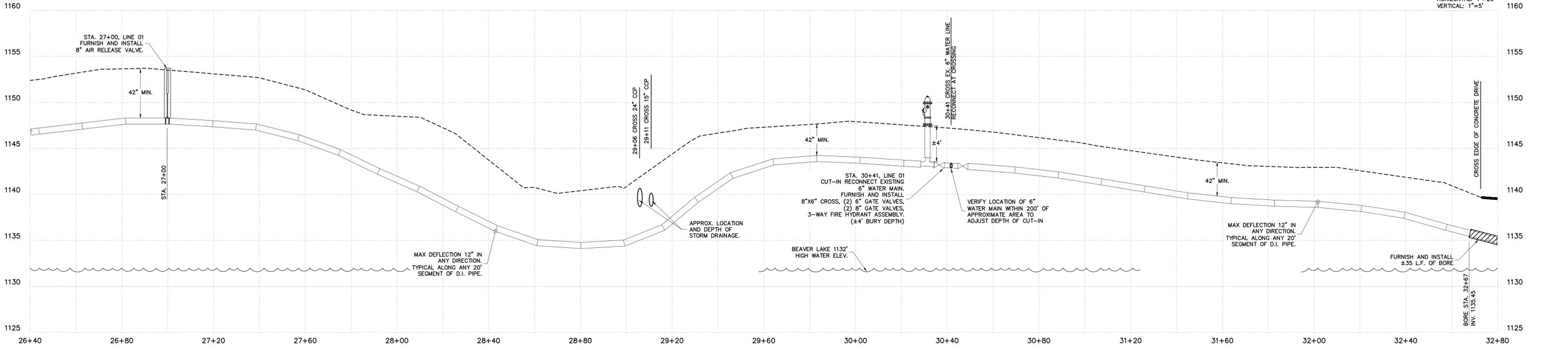
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS



W.O. No. 22825
 SHEET No. 06



8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:
 (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 (2) The owner will provide easements where transmission mains cross private property.
 (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

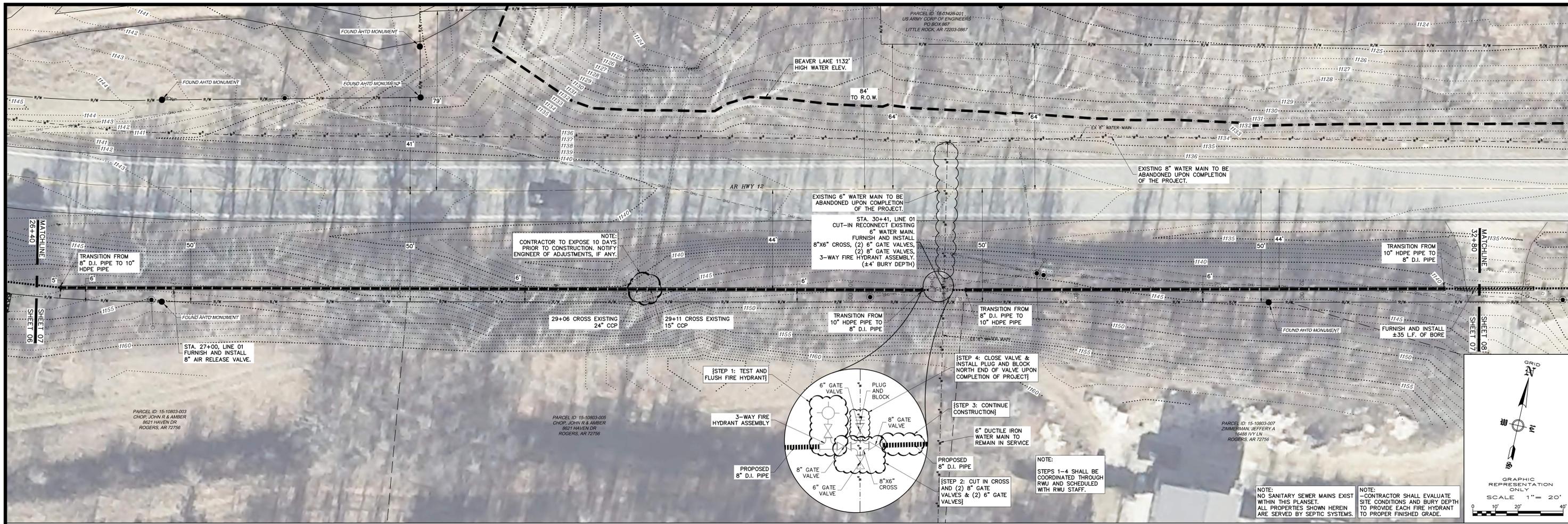
REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
 DATE: Sep 10, 2025
 ENGINEER: T.M.
 DRAWN BY: M.F.
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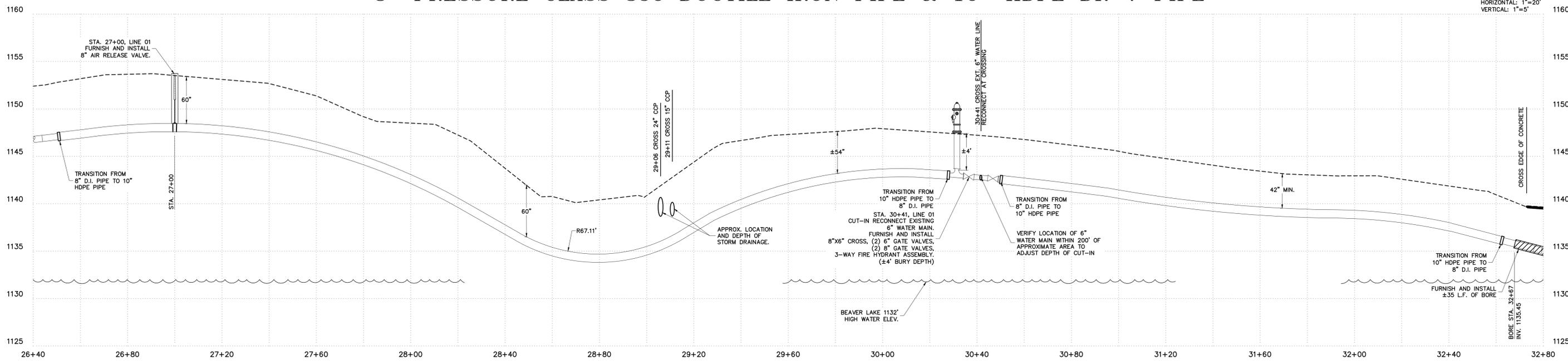
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS



W.O. No. 22825
 SHEET No. 07



8" PRESSURE CLASS 350 DUCTILE IRON PIPE & 10" HDPE DR-7 PIPE



SCALES:
HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

GENERAL NOTES:
(1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
(2) The owner will provide easements where transmission mains cross private property.
(3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN
	PROPOSED 3" WATER MAIN
	PROPOSED 4" WATER MAIN
	PROPOSED 6" WATER MAIN
	PROPOSED 8" WATER MAIN
	PROPOSED 12" WATER MAIN
	EXISTING WATER MAIN & SIZE
	SINGLE METER SETTING
	DOUBLE METER SETTING
	SINGLE METER SETTING
	1" METER SETTING

	PROPOSED AIR RELEASE VALVE
	PROPOSED PRESSURE REDUCING VALVE
	PROPOSED GATE VALVE
	PROPOSED BLOW-OFF
	PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 2-WAY FIRE HYDRANT
	PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
DATE: Sep 10, 2025
ENGINEER: T.J.M.
DRAWN BY: M.F.
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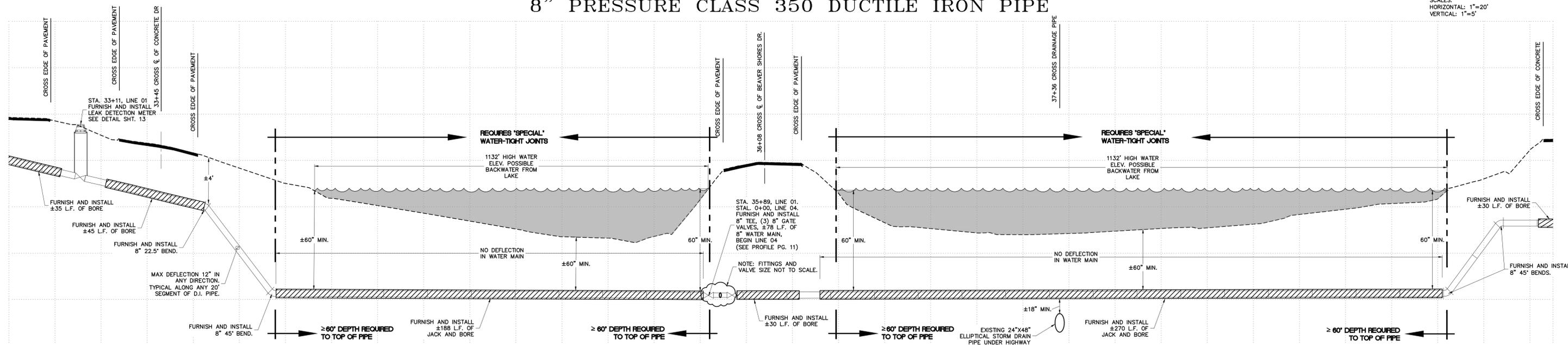
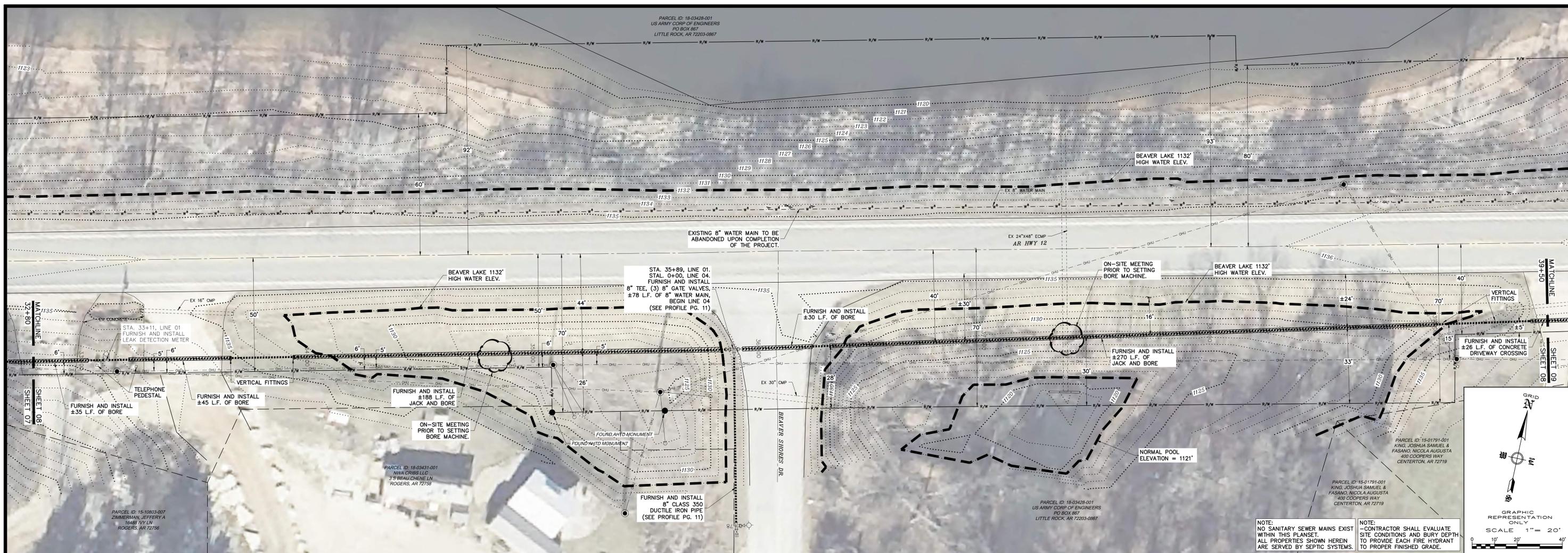
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

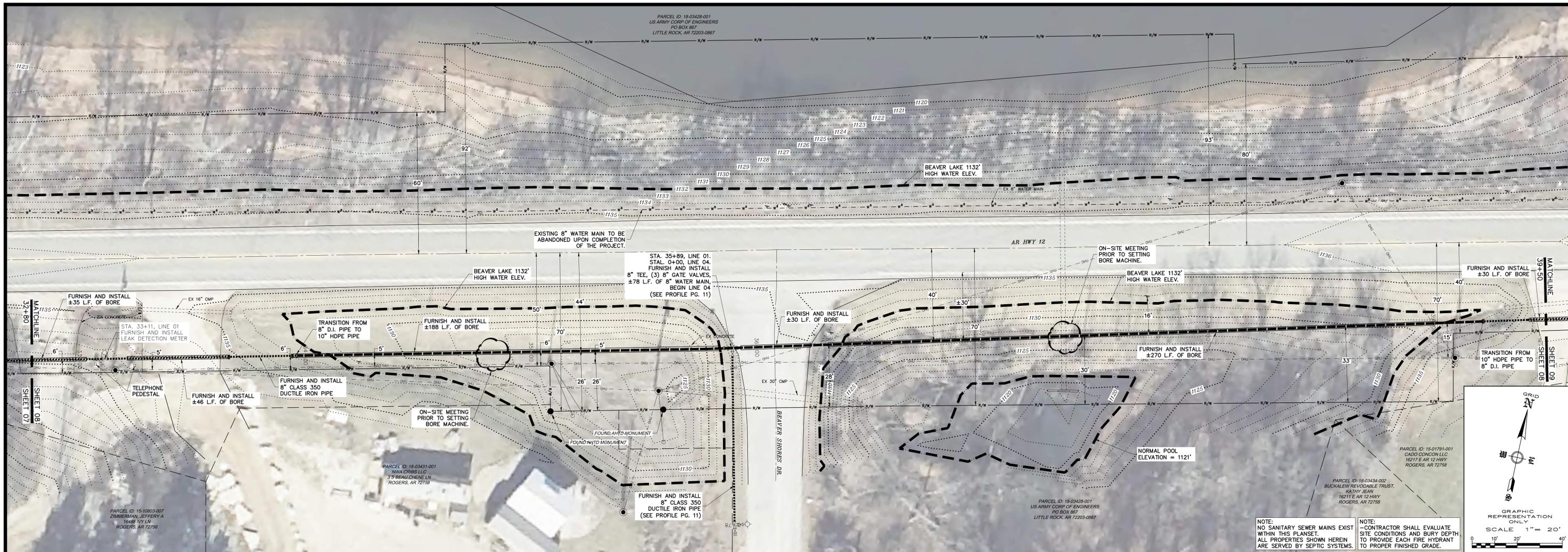
11/24/2025
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10441
TIMOTHY J. MEYER

ENGINEERING SERVICES, INC.
131
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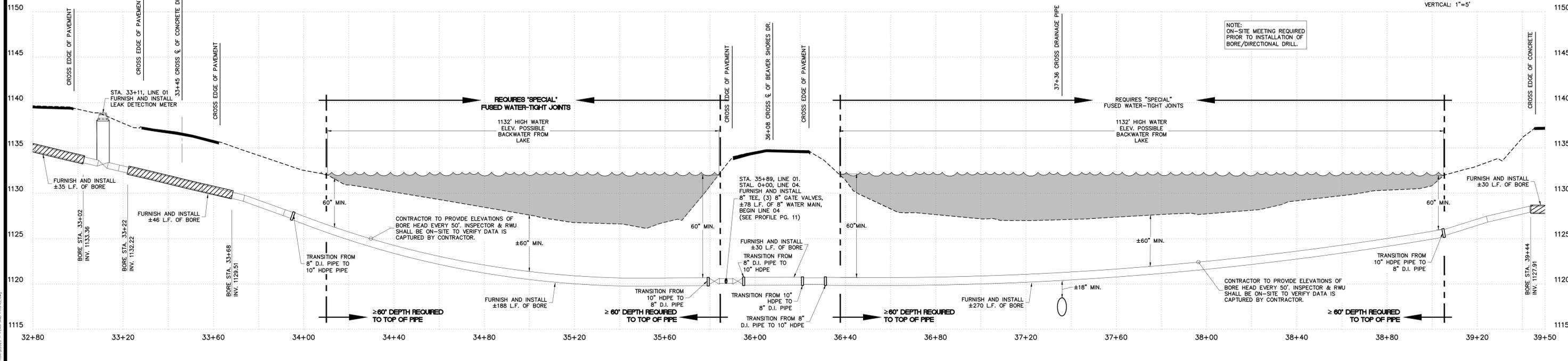
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ENGINEERING SERVICES INC.
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SPRINGDALE, ARKANSAS 72764
PHONE: 479-751-8733

W.O. No. 22825
SHEET No. 07A





8" PRESSURE CLASS 350 DUCTILE IRON PIPE & 10" HDPE DR-7 PIPE



GENERAL NOTES:
 (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 (2) The owner will provide easements where transmission mains cross private property.
 (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
DATE: Sep 12, 2025
ENGINEER: T.M.
DRAWN BY: M.F.
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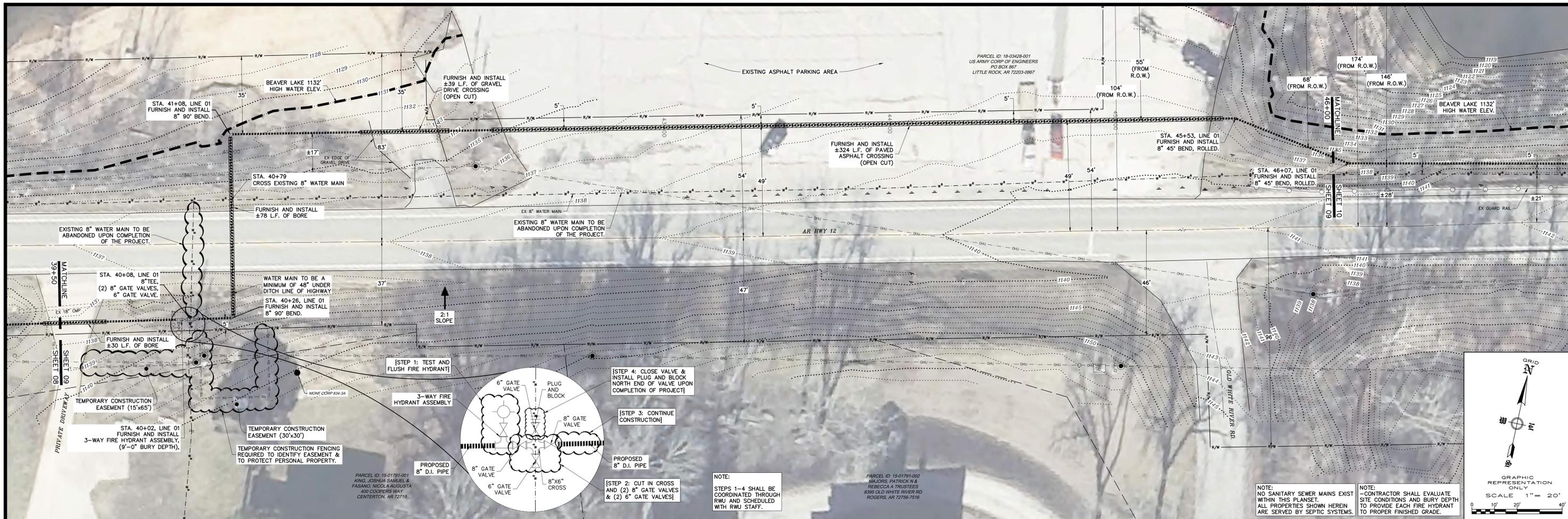
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

11/24/2025
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
 No. 10441
 TIMOTHY J. MOYER

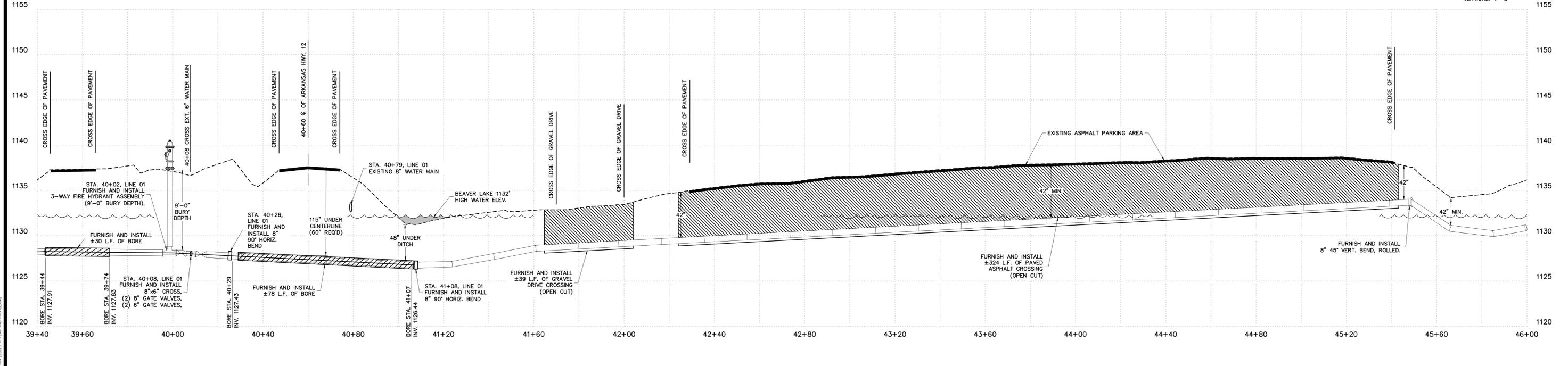
ENGINEERING SERVICES, INC.
 131
 1207 SOUTH OLD MISSOURI RD.
 SPRINGDALE, ARKANSAS 72764
 PHONE: 479-751-8733

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ENGINEERING SERVICES INC.
 1207 SOUTH OLD MISSOURI RD.
 SPRINGDALE, ARKANSAS 72764
 PHONE: 479-751-8733

W.O. No. 22825
 SHEET No. 08A



8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:
 (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 (2) The owner will provide easements where transmission mains cross private property.
 (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

-----	PROPOSED 2" WATER MAIN	○	PROPOSED AIR RELEASE VALVE
-----	PROPOSED 3" WATER MAIN	○	PROPOSED PRESSURE REDUCING VALVE
-----	PROPOSED 4" WATER MAIN	○	PROPOSED GATE VALVE
-----	PROPOSED 6" WATER MAIN	○	PROPOSED BLOW-OFF
-----	PROPOSED 8" WATER MAIN	○	PROPOSED 3-WAY FIRE HYDRANT
-----	PROPOSED 12" WATER MAIN	○	PROPOSED 2-WAY FIRE HYDRANT
-----	EXISTING WATER MAIN & SIZE	○	PROPOSED LEAK DETECTION METER
●	SINGLE METER SETTING	○	
●	DOUBLE METER SETTING	○	
●	SINGLE METER SETTING	○	
●	1" METER SETTING	○	

REVISION	DATE	DESCRIPTION

SCALE:	DATE:
1"=20'	Sep 10, 2025
ENGINEER:	T.M.
DRAWN BY:	M.F.
DATE:	11/24/2025
ENGINEERING SERVICES INC.	

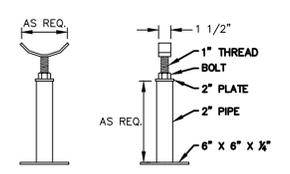
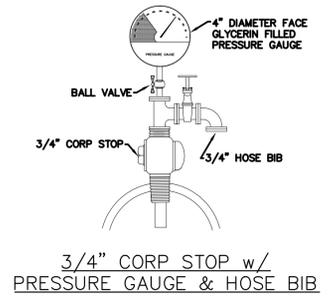
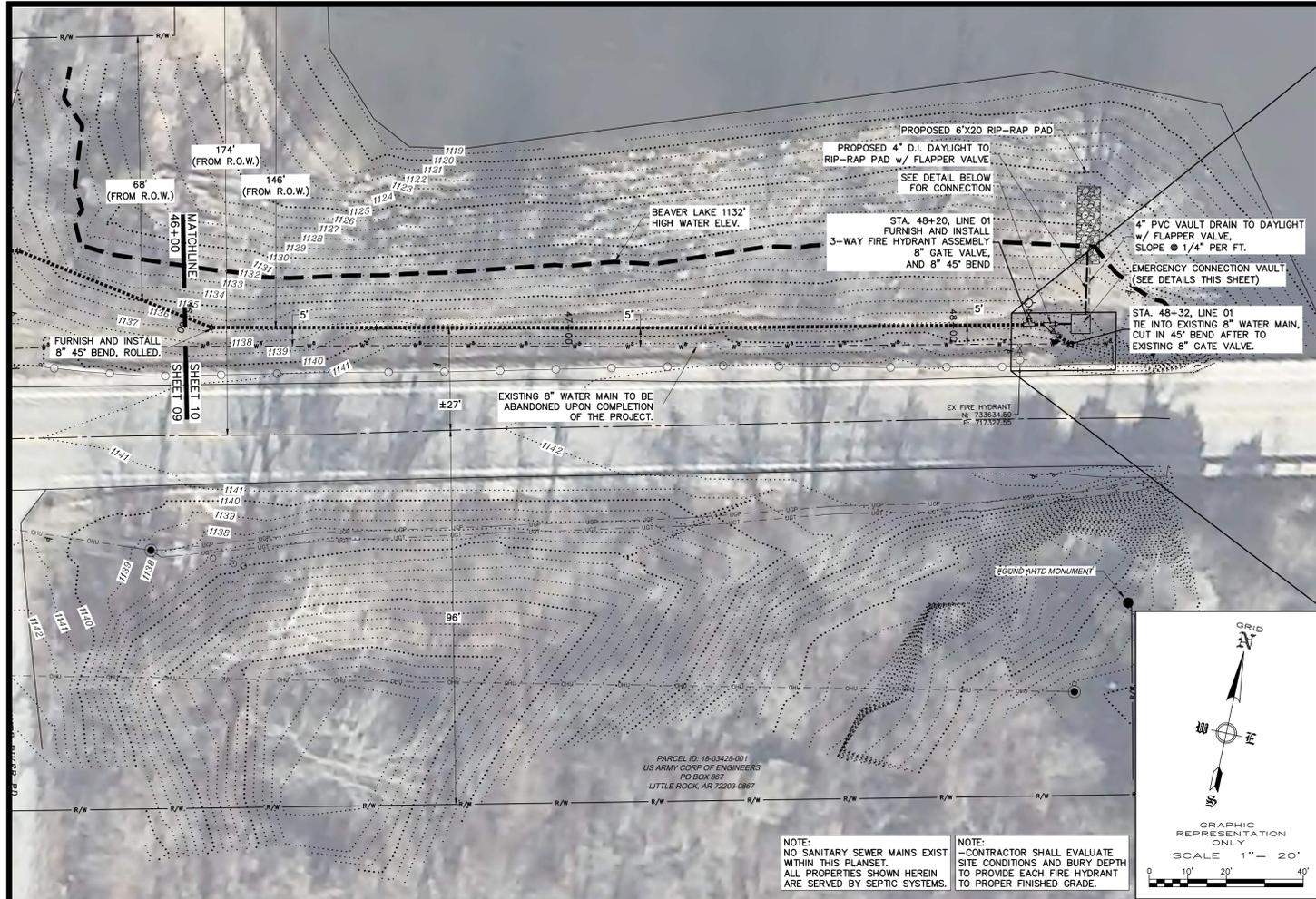
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

11/24/2025
REGISTERED PROFESSIONAL ENGINEER
 No. 10441
 T. MOTTEY, J. MAY

ENGINEERING SERVICES, INC.
 131
 ENGINEERING SERVICES, INC.

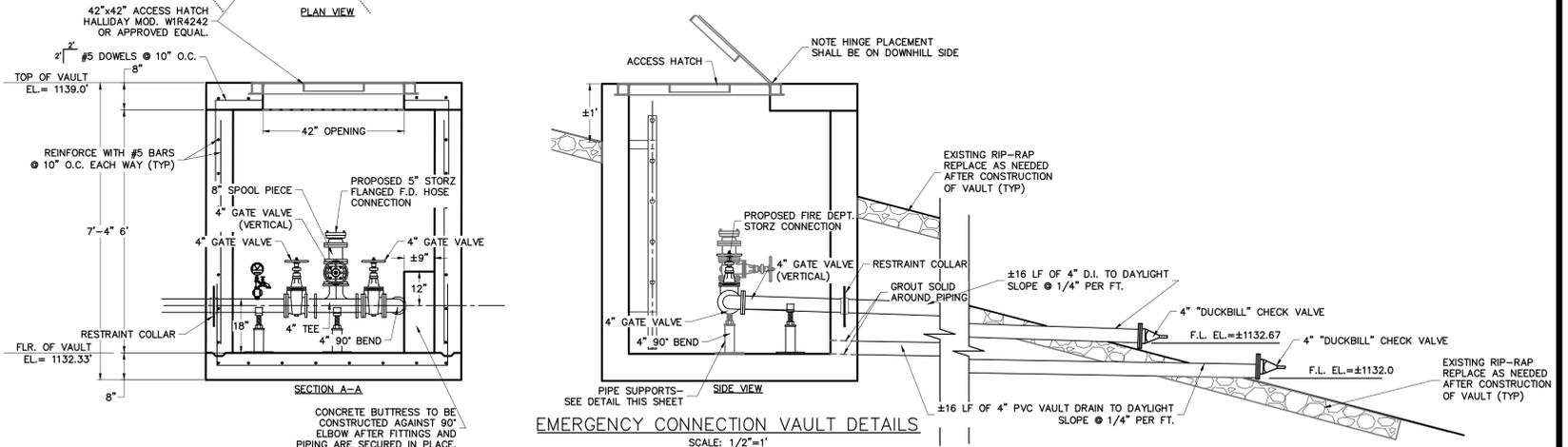
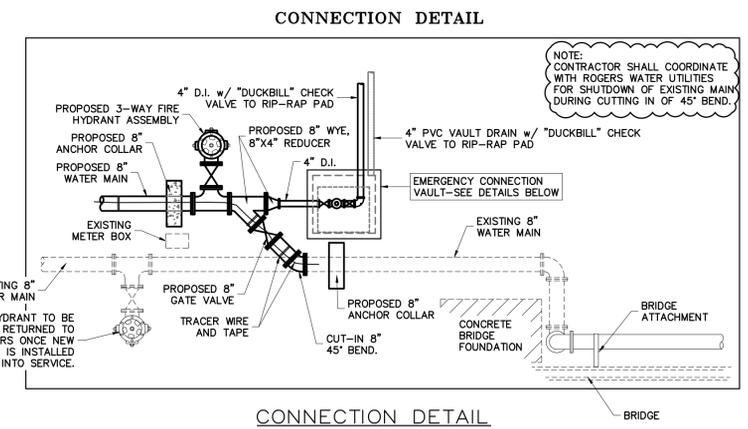
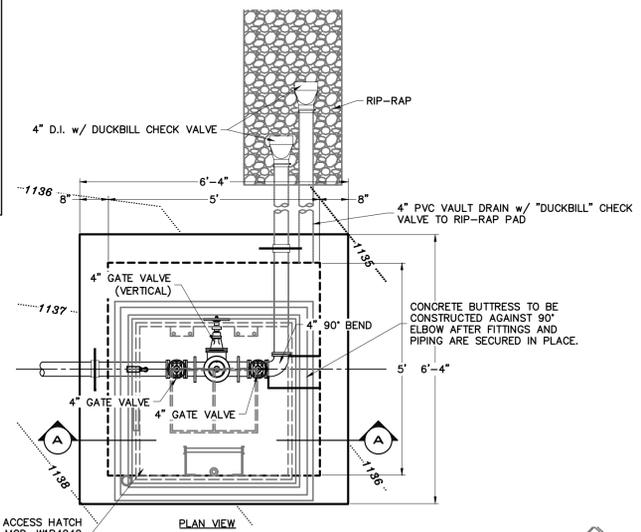
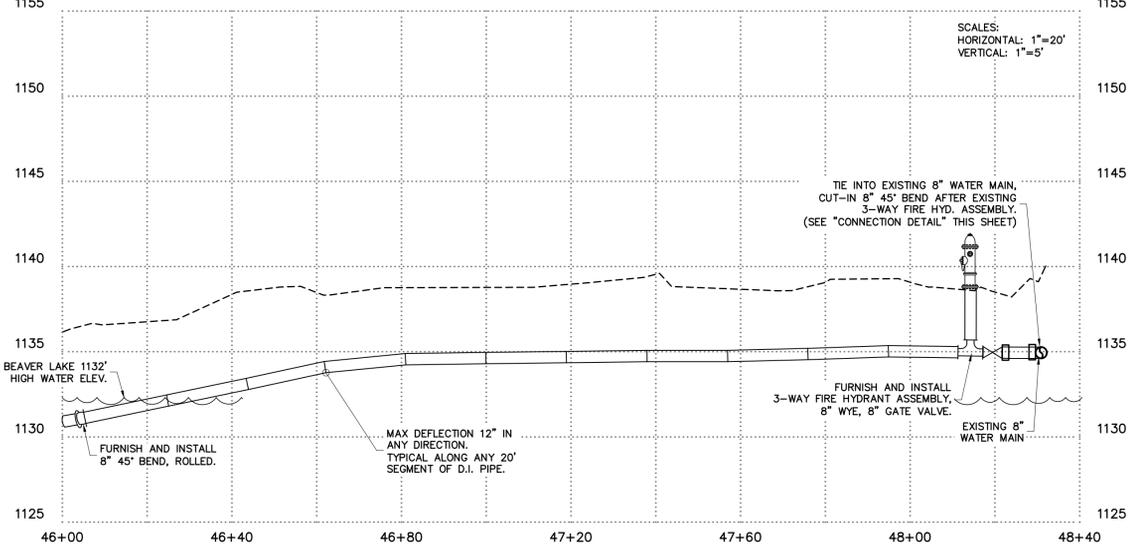
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ENGINEERING SERVICES INC.
 1207 SOUTH OLD MISSOURI RD.
 SPRINGDALE, ARKANSAS 72764
 PHONE: 479-751-8733

W.O. No. 22825
 SHEET No. 09



ADJUSTABLE PIPE SUPPORT

8" PRESSURE CLASS 350 DUCTILE IRON PIPE



GENERAL NOTES:
(1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
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(3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER
	SINGLE METER SETTING		
	DOUBLE METER SETTING		
	1" METER SETTING		

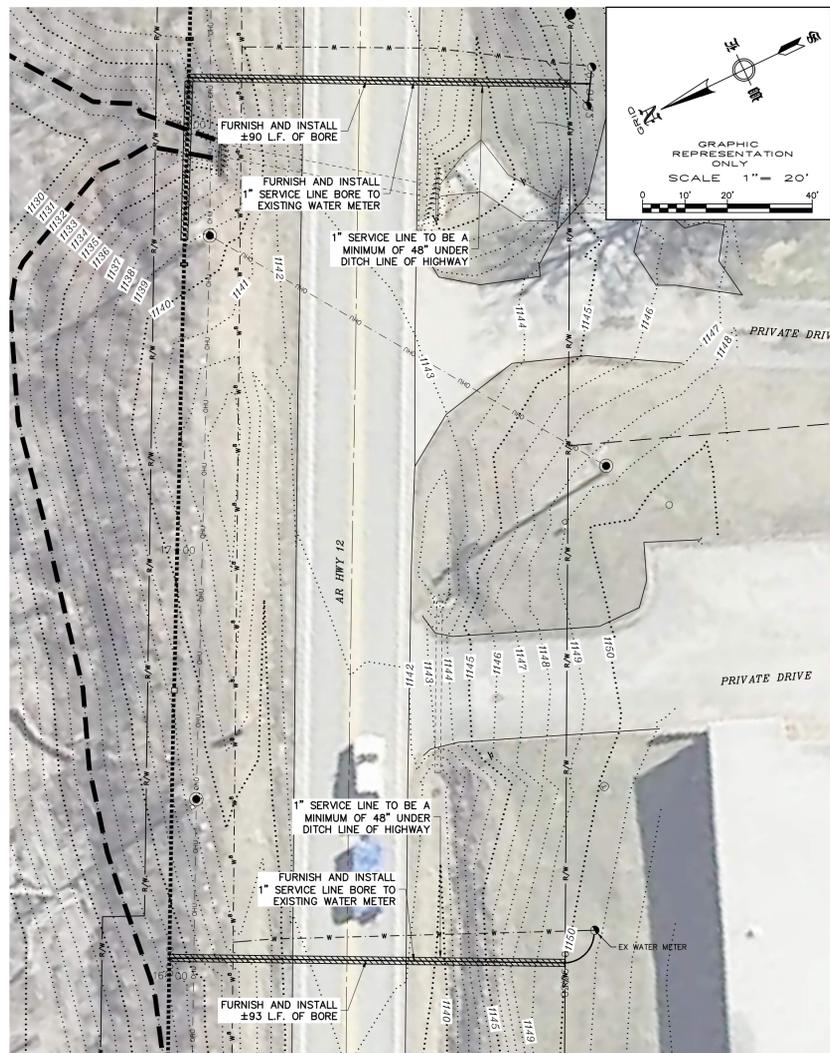
REVISION	DATE	DESCRIPTION

SCALE: 1"=20'
DATE: Sep 17, 2025
ENGINEER: TJM
DRAWN BY: WLF
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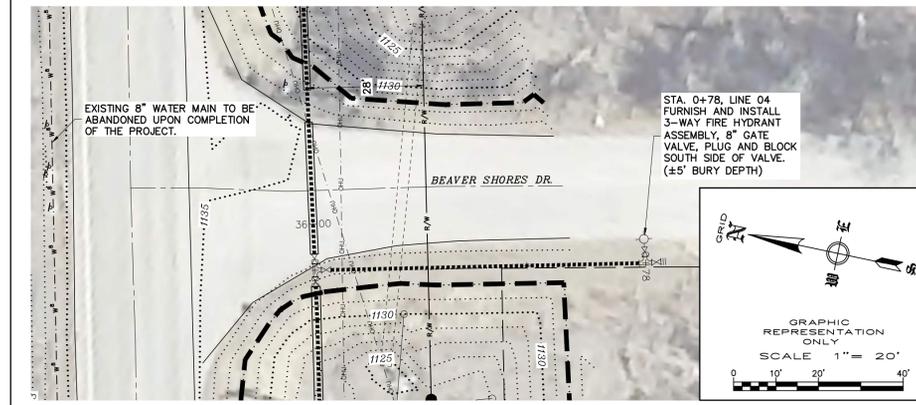
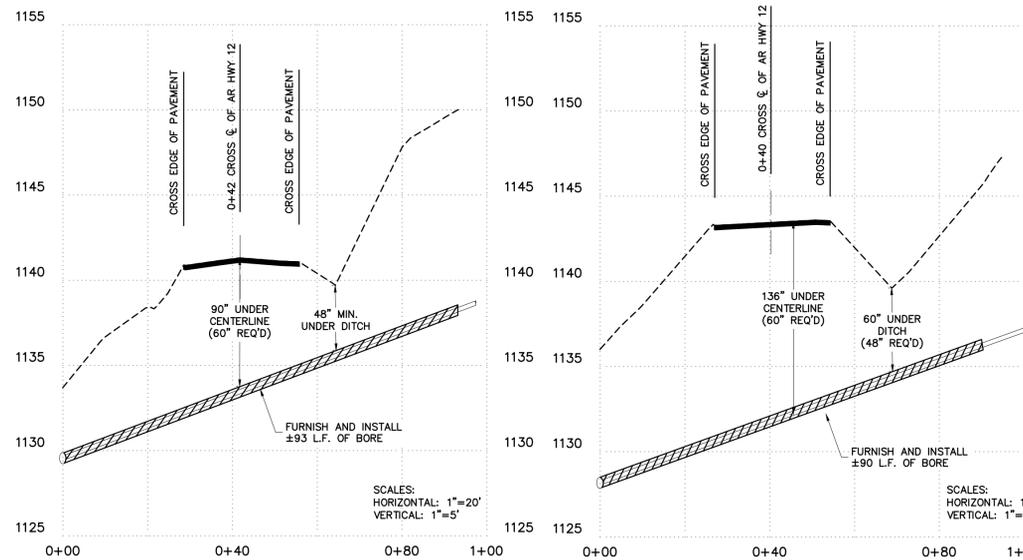
PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS



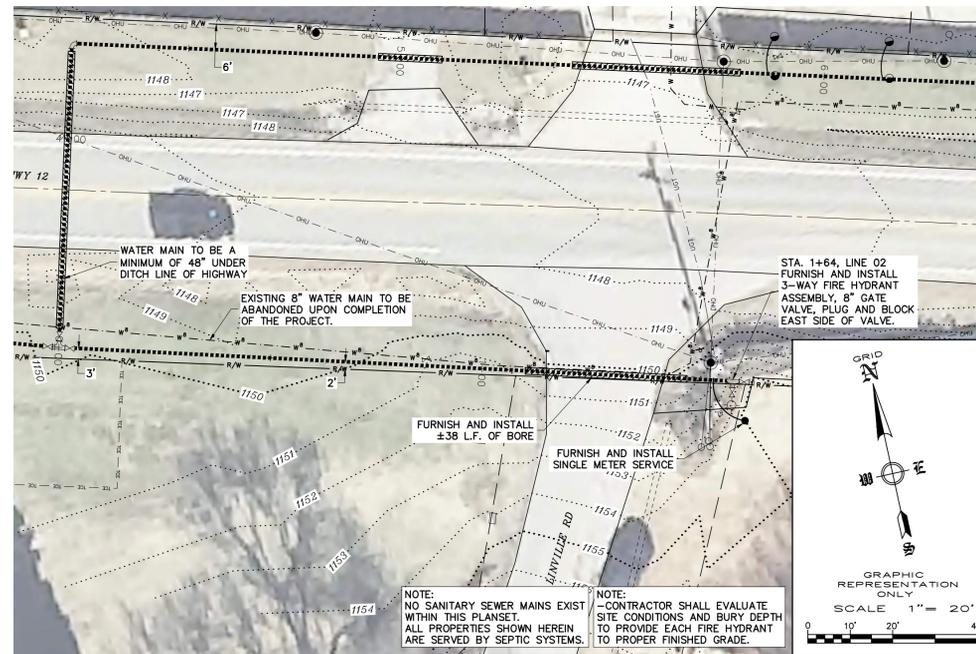
W.O. No. 22825
SHEET No. 10



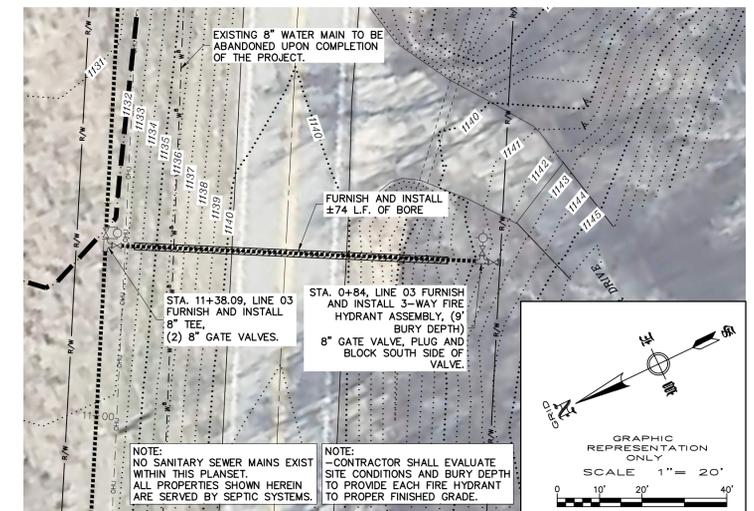
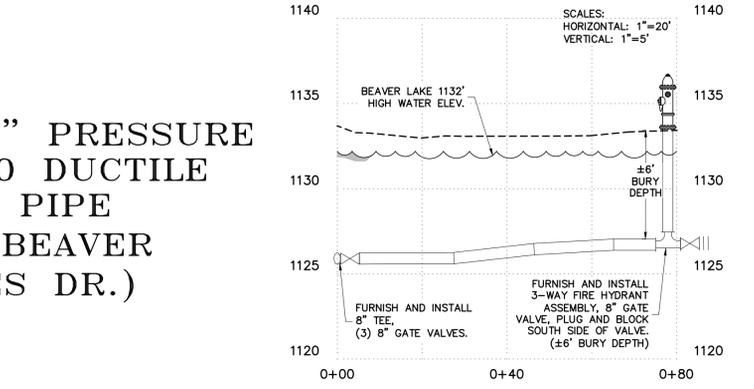
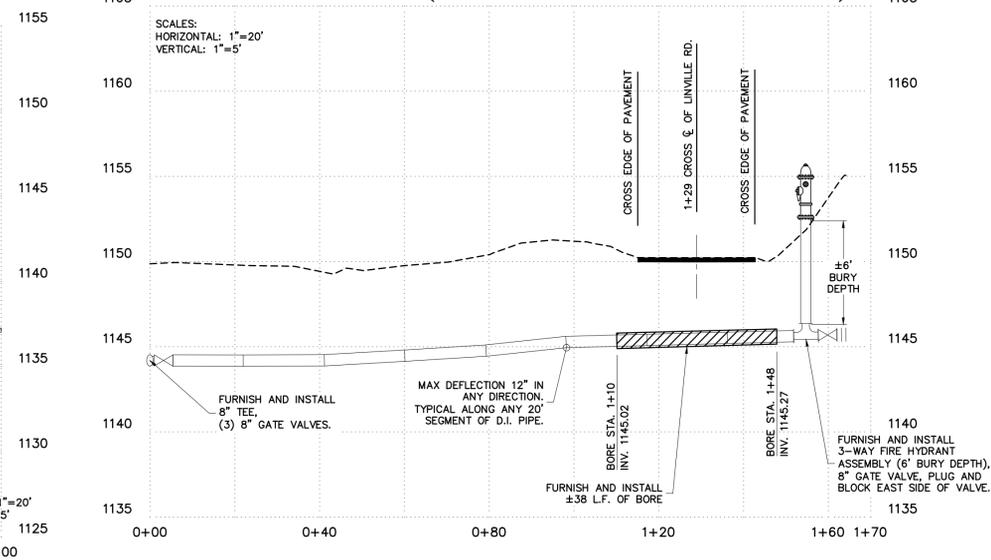
**SERVICE LINE - 1" PVC PIPE
(PRIVATE METER SERVICE)**



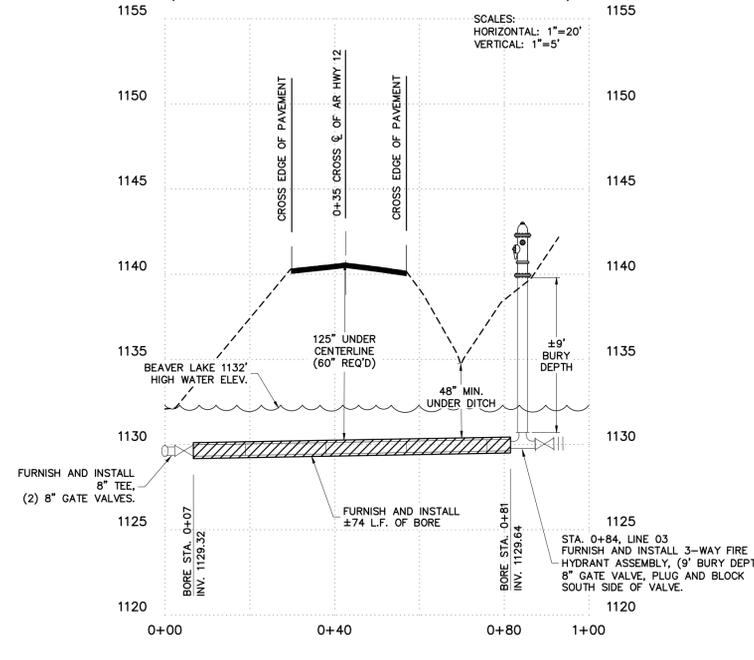
**LINE 4 - 8" PRESSURE CLASS 350 DUCTILE IRON PIPE
(NEAR BEAVER SHORES DR.)**



**LINE 2 - 8" PRESSURE CLASS 350 DUCTILE IRON PIPE
(NEAR LINVILLE RD.)**



**LINE 3 - 8" PRESSURE CLASS 350 DUCTILE IRON PIPE
(NEAR ANCHOR DR.)**



2. WATER MAINS TO BE 36" MIN. COVER OVER THE TOP OF THE PIPE.

- GENERAL NOTES:**
- All water mains to have a minimum cover of 36 inches over the top of the pipe.
 - The owner will provide easements where transmission mains cross private property.
 - The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.

LEGEND

	PROPOSED 2" WATER MAIN		PROPOSED AIR RELEASE VALVE
	PROPOSED 3" WATER MAIN		PROPOSED PRESSURE REDUCING VALVE
	PROPOSED 4" WATER MAIN		PROPOSED GATE VALVE
	PROPOSED 6" WATER MAIN		PROPOSED BLOW-OFF
	PROPOSED 8" WATER MAIN		PROPOSED 3-WAY FIRE HYDRANT
	PROPOSED 12" WATER MAIN		PROPOSED 2-WAY FIRE HYDRANT
	EXISTING WATER MAIN & SIZE		PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

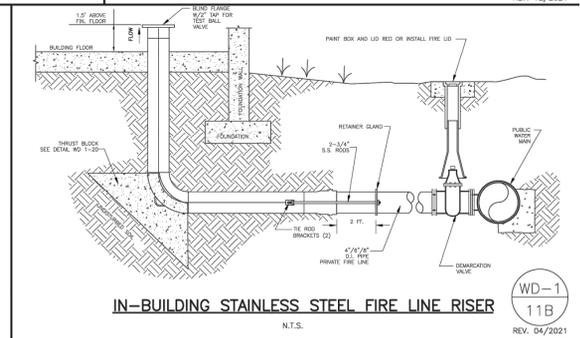
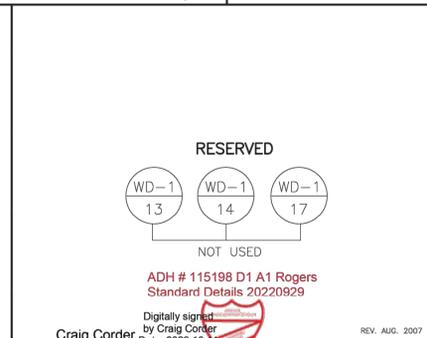
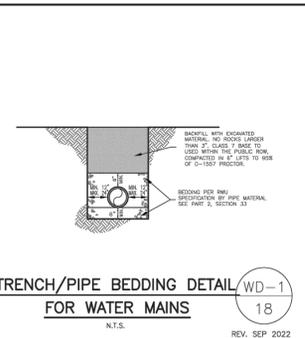
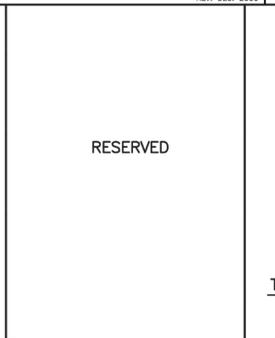
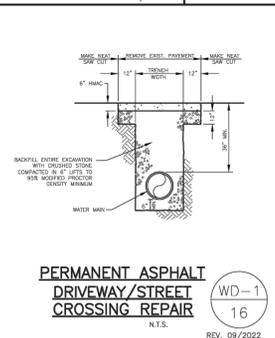
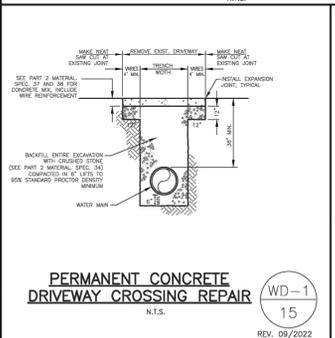
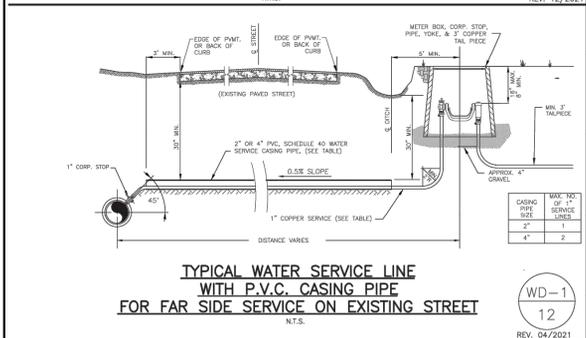
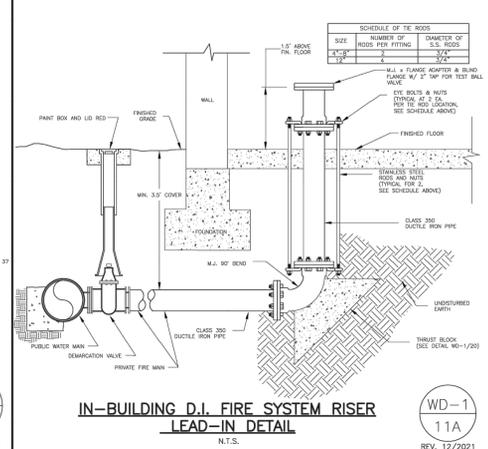
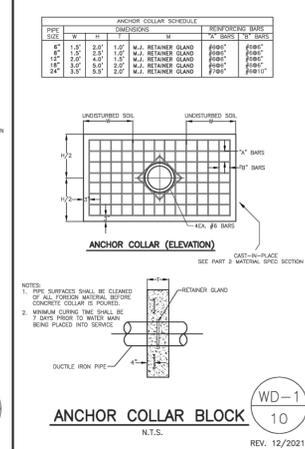
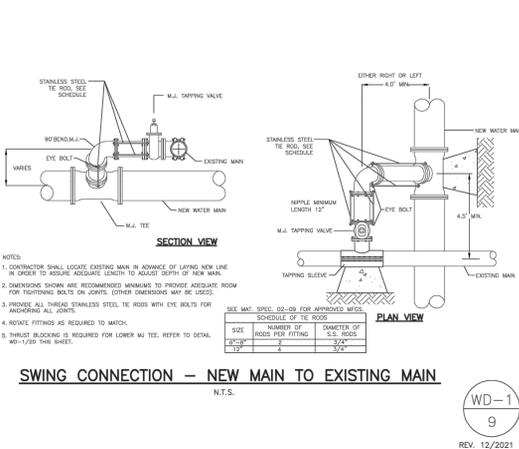
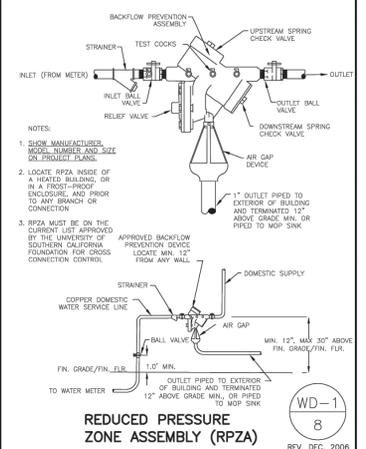
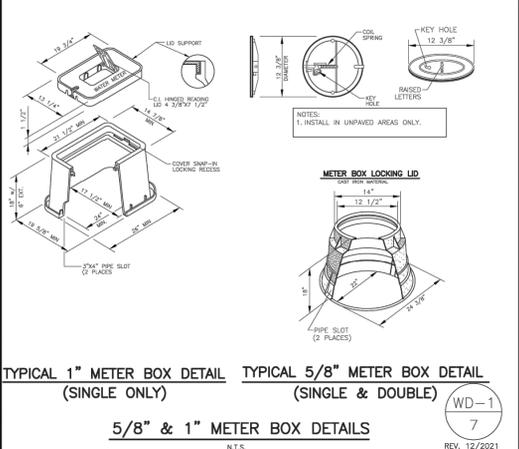
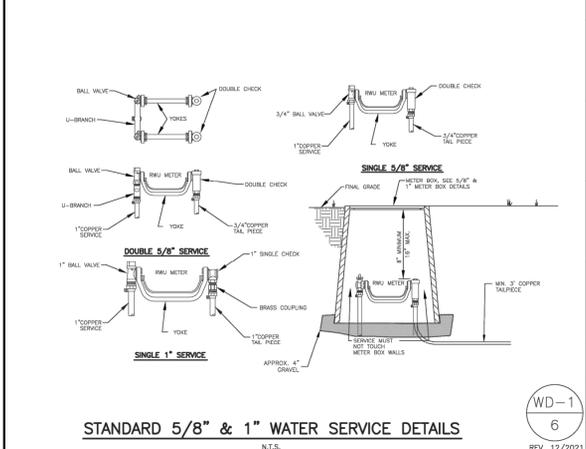
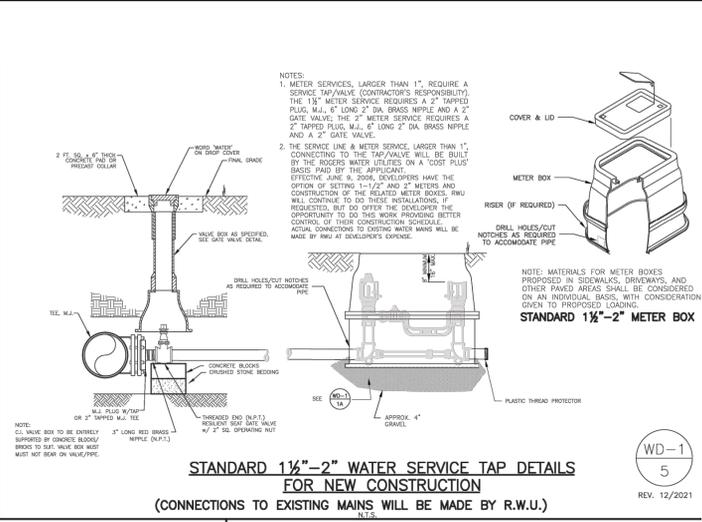
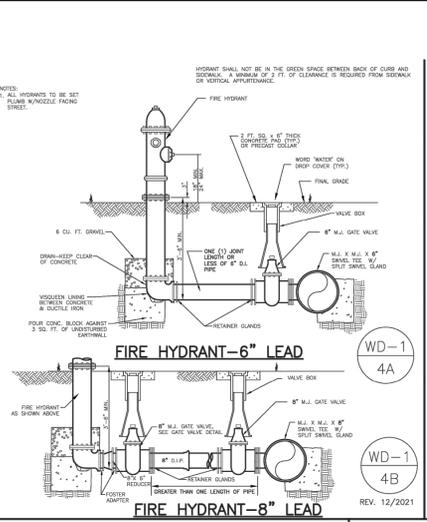
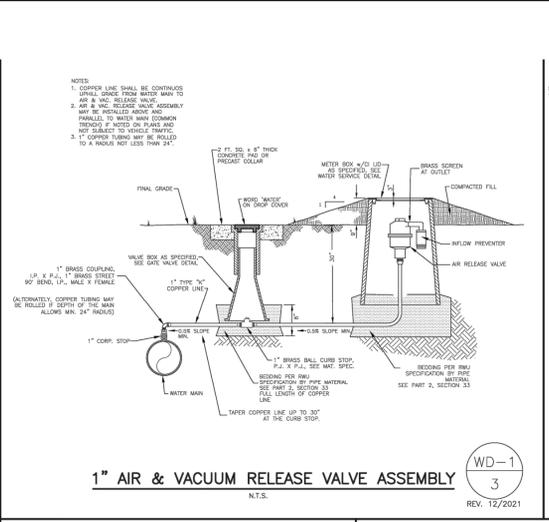
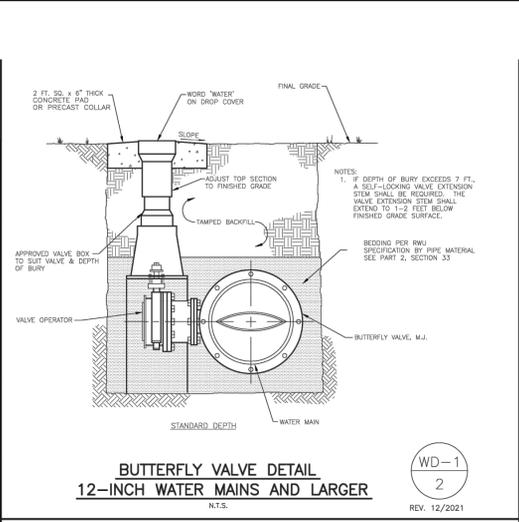
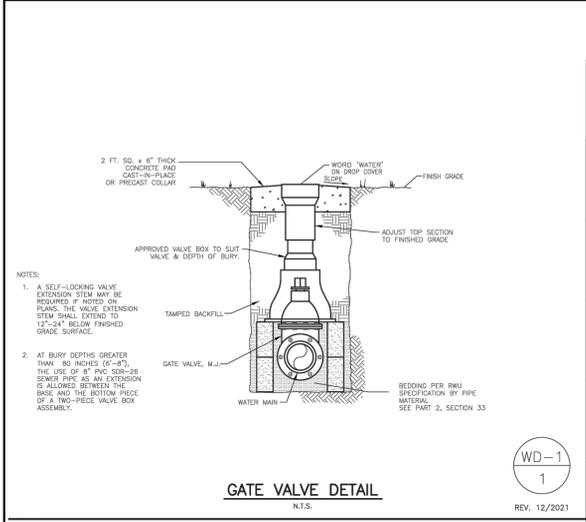
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DATE: Sep 10, 2025
ENGINEER: T.M.
DRAWN BY: M.F.
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PLAN AND PROFILE
8" WATER MAIN REPLACEMENT
 HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
 ROGERS, BENTON COUNTY, ARKANSAS

ENGINEERING SERVICES INC.
 1207 SOUTH OLD MISSOURI RD.
 SPRINGDALE, ARKANSAS 72764
 PHONE: 479-751-8733

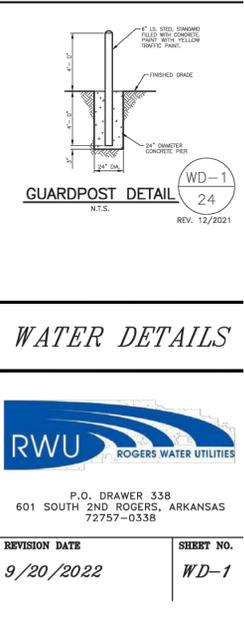
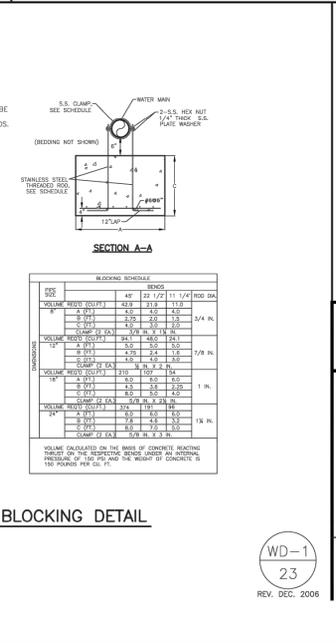
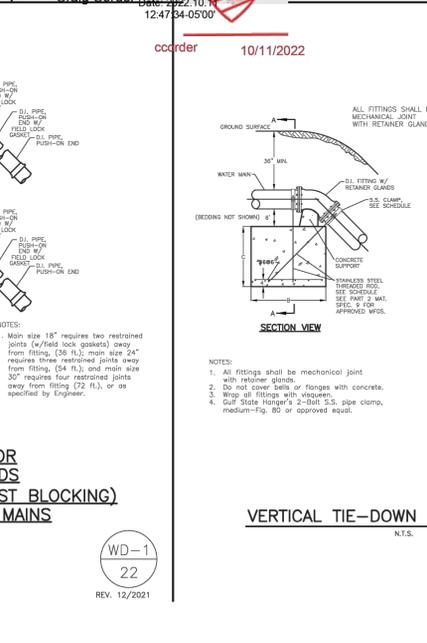
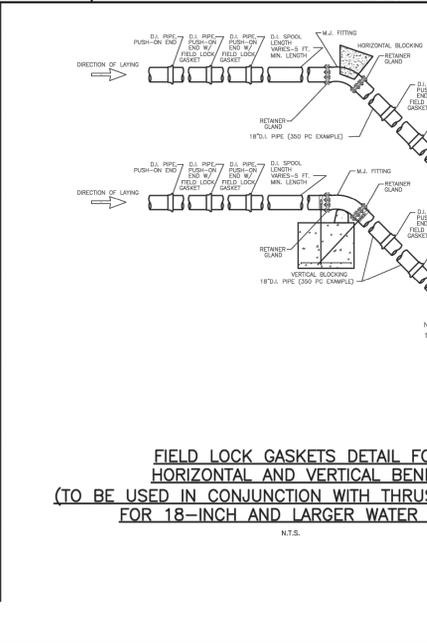
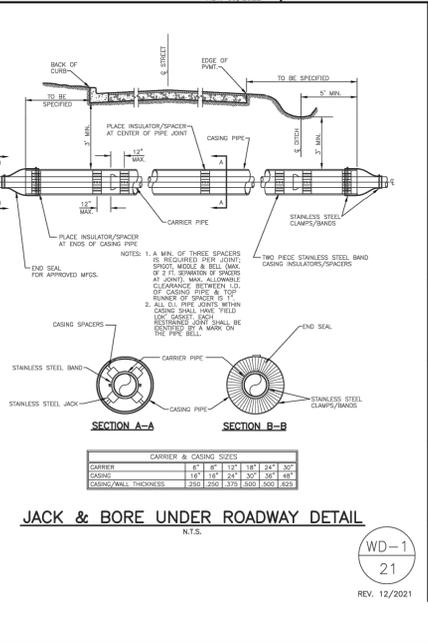
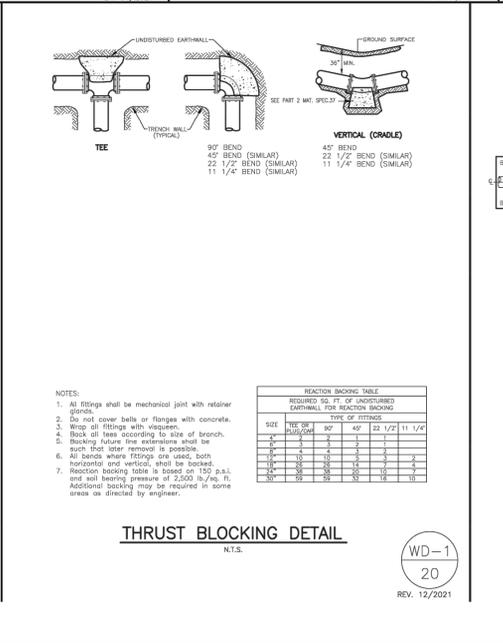
W.O. No. 22825

SHEET No. 11



GENERAL CONSTRUCTION NOTES:

- The contractor will be held solely responsible for damage occurring to any property during the construction of this project. Said contractor shall take all necessary precautions to prevent property damage.
- In accordance with generally accepted construction practices, the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours.
- The duty of Rogers Water Utilities to conduct construction inspection or review of the contractor's performance is not an inspection or review of the adequacy of the contractor's safety measures in, on, or near the construction site.
- All water and sewer improvements shall be constructed in accordance with the latest revision to the Rogers Water Utilities Standard Specifications.
- The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
- Contractor is to remove and dispose of all debris, rubbish and other materials resulting from previous and current demolition operations. Disposal will be in accordance with all local, state and/or federal regulations governing such operations.
- Prior to installation of any utilities, the contractor is to excavate, verify, and calculate all crossings and inform the Rogers Water Utilities of any conflicts prior to construction.
- Construction shall not start on any water utility until approval is given by Rogers Water Utilities. Said contractor shall not operate any valve, hydrant, or water utility appurtenance nor shall he attach to or top any water utility main without approval. The contractor shall bear the cost and consequence of any disruption of utility operation caused by construction.



CITY of ROGERS TYPICAL DETAILS
8" WATER MAIN REPLACEMENT
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

ENGINEERING SERVICES INC.
 SPRINGDALE, ARKANSAS 72764

REVISION DATE DESCRIPTION
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 DATE: Aug 31, 2023
 ENGINEER: T.M.
 DRAWN BY: W.F.
 W.O. #: 22825

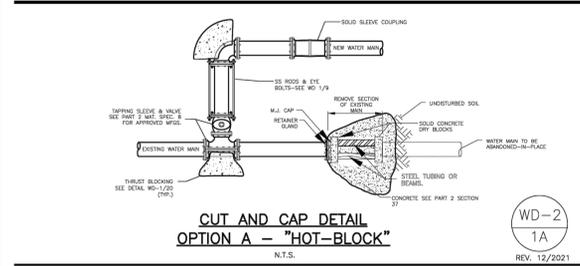
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 9/20/2022 WD-1

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 601 SOUTH 2ND ROGERS, ARKANSAS
 72757-0358

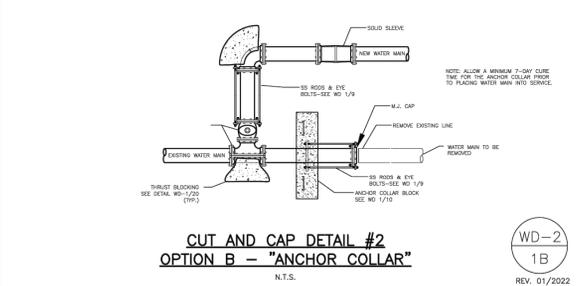
RWU ROGERS WATER UTILITIES

REVISION	DATE	DESCRIPTION

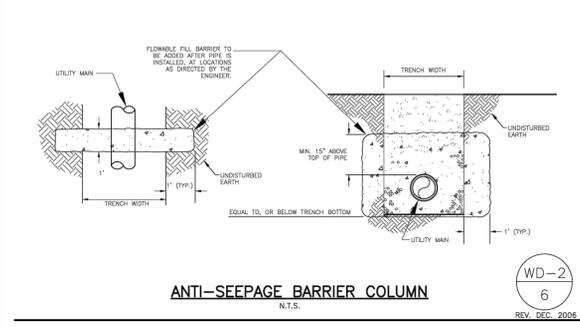
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 DATE: Aug 31, 2023
 ENGINEER: T.M.
 DRAWN BY: W.F.
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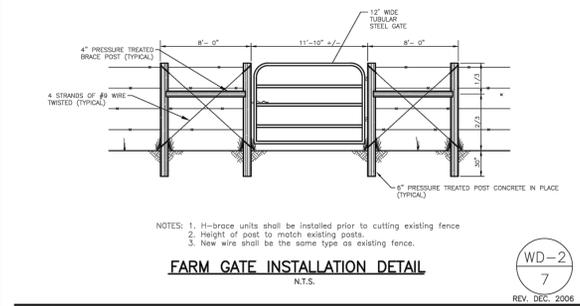
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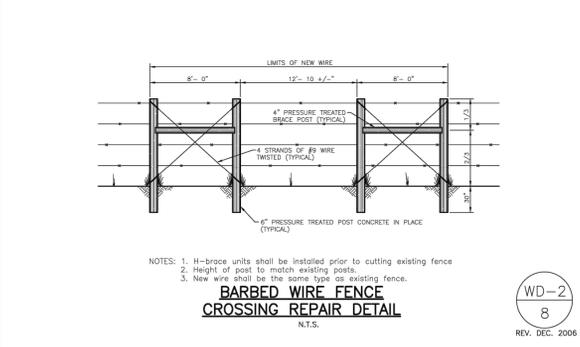
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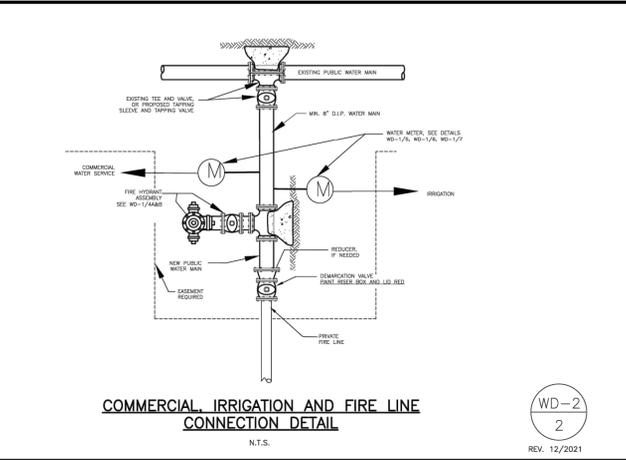
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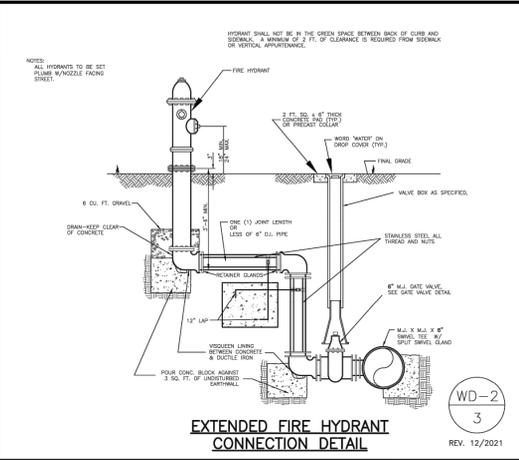
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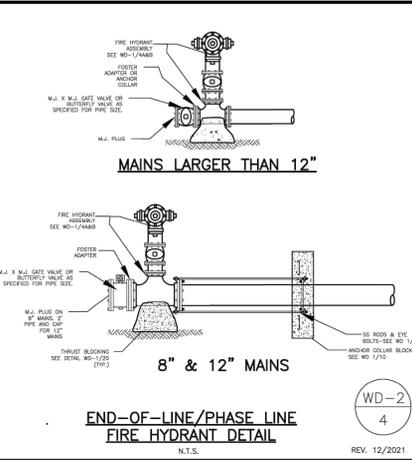
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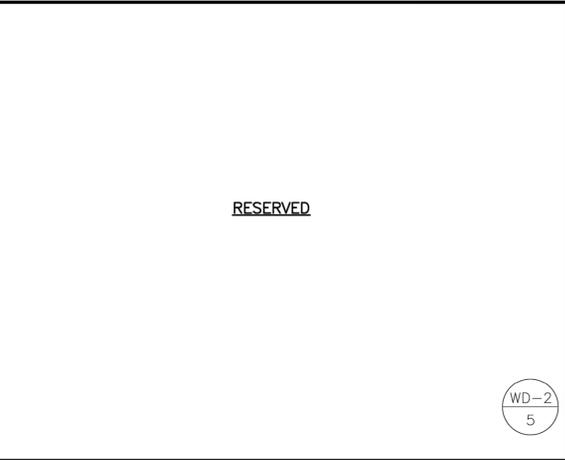
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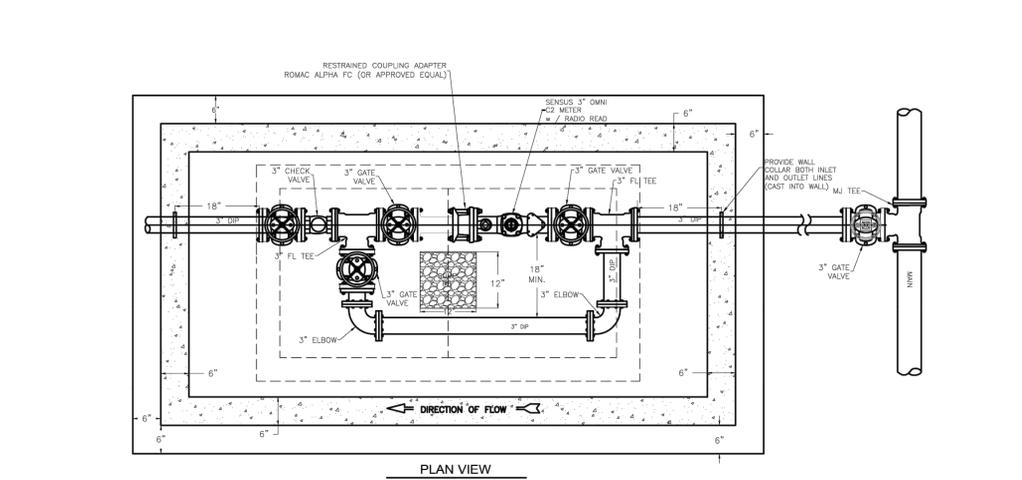
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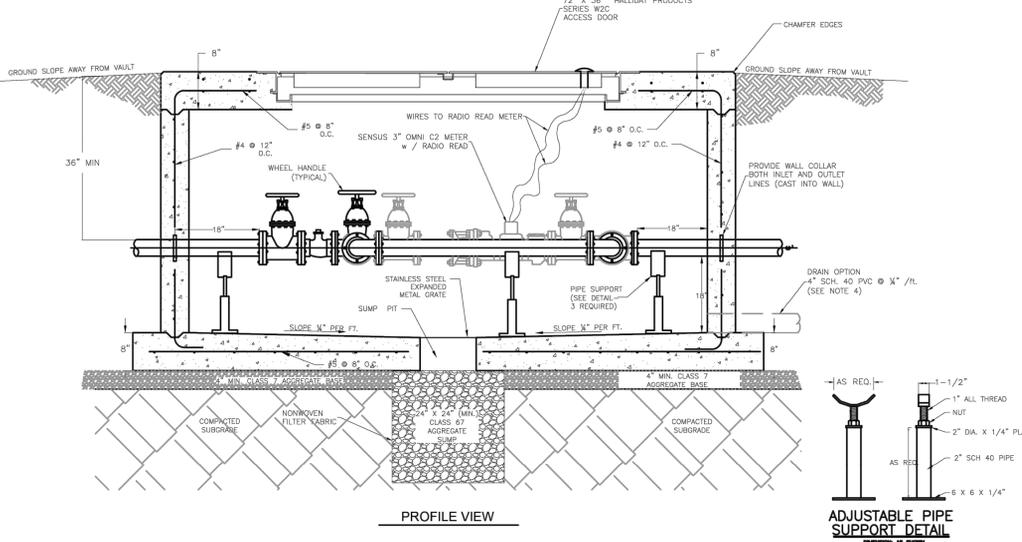
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WD-2
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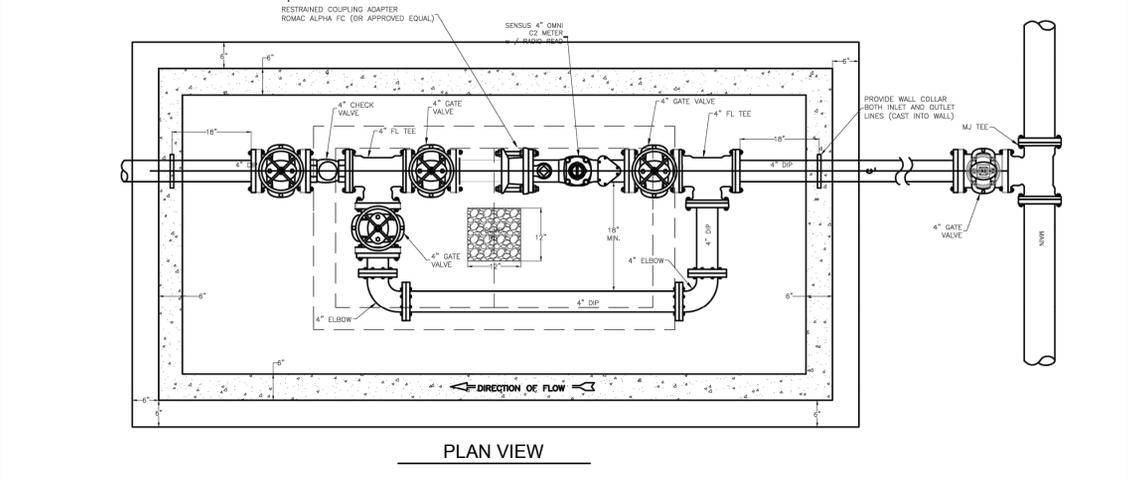


3-INCH METER VAULT
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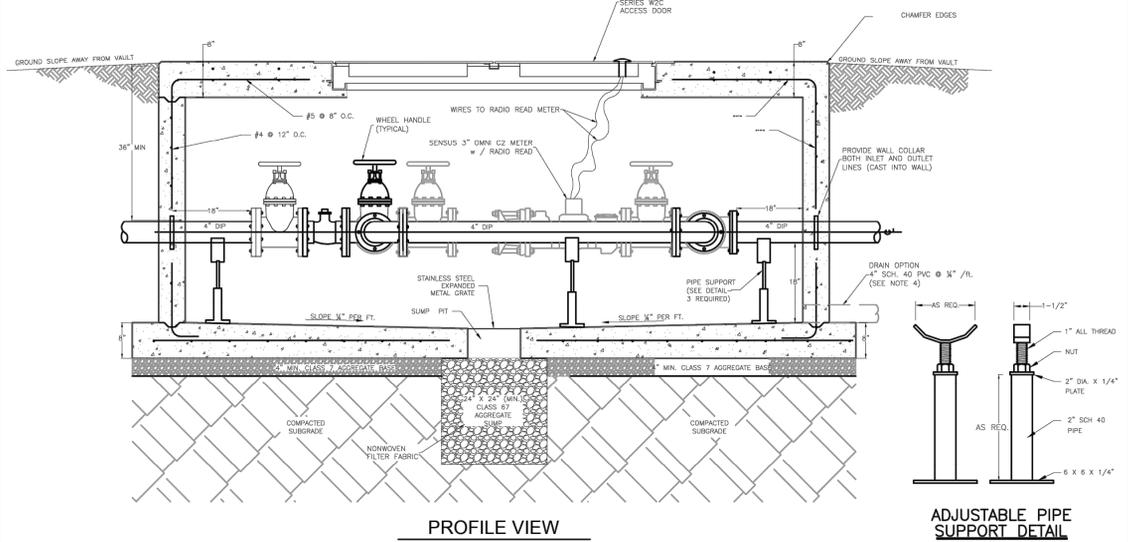


3-INCH METER VAULT
 NTS

- NOTES:
- METERS WILL BE INCLUDED WITH THE INSTALLATION TO ENSURE PROPER FIT.
 - ALL BOLTS TO BE STAINLESS STEEL.
 - SLOPE FLOOR TO DRAIN.
 - IF POSSIBLE, PROVIDE 4" PVC DRAIN TO DAYLIGHT OR STORM SEWER. PROVIDE PVC CHECK IN DRAIN PIPE. THE AGGREGATE SUMP IS NOT REQUIRED IN THIS CASE.
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
 - CONTRACTOR SHALL VERIFY ALL PART DIMENSIONS.
 - ALL MATERIALS AND LABOR FOR 3" METER VAULTS (INCLUDING METERS) SHALL BE PROVIDED BY THE CONTRACTOR.



4-INCH METER VAULT
 NTS



4-INCH METER VAULT
 NTS

- NOTES:
- METERS WILL BE INCLUDED WITH THE INSTALLATION TO ENSURE PROPER FIT.
 - ALL BOLTS TO BE STAINLESS STEEL.
 - SLOPE FLOOR TO DRAIN.
 - IF POSSIBLE, PROVIDE 4" PVC DRAIN TO DAYLIGHT OR STORM SEWER. PROVIDE PVC CHECK IN DRAIN PIPE. THE AGGREGATE SUMP IS NOT REQUIRED IN THIS CASE.
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
 - CONTRACTOR SHALL VERIFY ALL PART DIMENSIONS.
 - ALL MATERIAL AND LABOR FOR 4" METER VAULT (INCLUDING METER) SHALL BE PROVIDED BY THE CONTRACTOR.

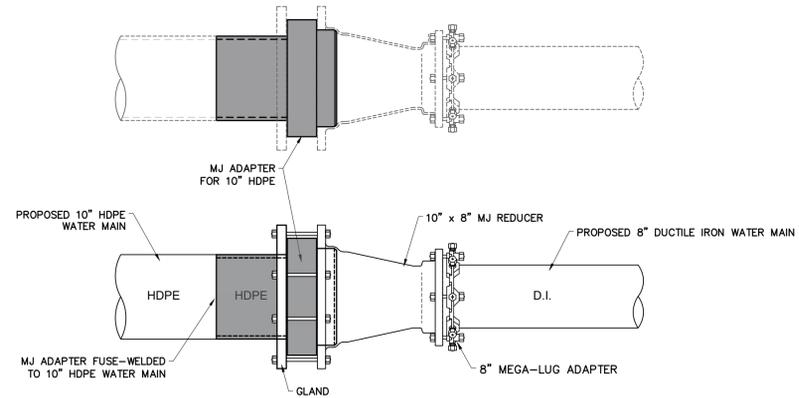
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WD-2
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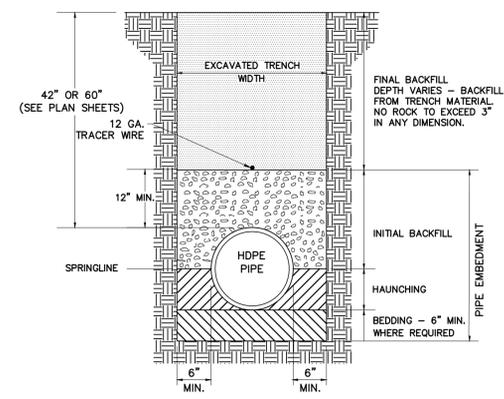
WATER DETAILS

P.O. DRAWER 338
 601 SOUTH 2ND ROGERS, ARKANSAS
 72757-0338

REVISION DATE: 9/20/2022
 SHEET NO.: WD-2

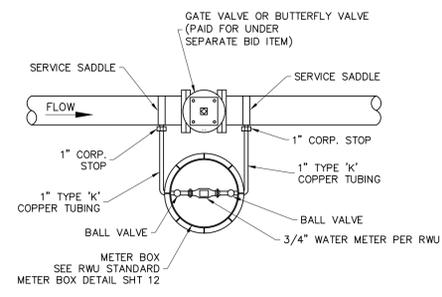


HDPE TO D.I. TRANSITION DETAIL
 N.T.S.



TYPICAL HDPE BEDDING DETAIL

- NOTES:
- 1) PIPE EMBEDMENT SHALL BE IN ACCORDANCE WITH AWWA C605.
 - 2) PIPE EMBEDMENT SHALL HAVE NO PARTICLE SIZE IN EXCESS OF 3/4" ANGULAR ROCK OR 1" ROUNDED STONES.
 - 3) FINAL BACKFILL SHALL HAVE NO PARTICLE SIZE IN EXCESS OF 3" IN ANY DIMENSION.
 - 4) THE CONTRACTOR SHALL FURNISH AND INSTALL SUITABLE BEDDING MATERIAL WHEN REQUIRED BY THE ENGINEER. ALL BEDDING MATERIAL MUST BE APPROVED BY THE ENGINEER.
 - 5) MINIMUM TRENCH WIDTH SHALL BE PIPE DIAMETER PLUS 12" MEASURED AT THE SPRINGLINE TO ENABLE BACKFILL MATERIAL TO BE INSTALLED IN THE HAUNCHING AREA. IN NO CASE SHALL THE TRENCH WIDTH BE LESS THAN 18" WIDE.
 - 6) PIPING SHALL HAVE A MINIMUM COVER OF 42" OR 60" OVER THE TOP OF THE PIPE AS SHOWN ON PLAN SHEETS.



LEAK DETECTION METER DETAIL
 N.T.S.

APPROVED
 RWU
 11/21/2025 12:21:42 PM

RWU NON-STANDARD DETAILS
8" WATER MAIN REPLACEMENT TO BRIDGE
HIGHWAY 12 EAST - HARBOR DRIVE TO BRIDGE
ROGERS, BENTON COUNTY, ARKANSAS

REVISION	DATE	DESCRIPTION

SCALE: N.T.S.
 DATE: Sep 22, 2025
 ENGINEER: T.M.
 DRAWN BY: JAL
 W.O. #: 22825