



Malvern Water Works

Project No. 25014



ADDENDUM NO. 1 TO THE CONTRACT DOCUMENTS

MALVERN WATER WORKS, MALVERN, AR

25014 MALVERN WASTEWATER IMPROVEMENTS, CONTRACT 3A CHATMAN CREEK AND BURRIS ROAD GRAVITY SEWER (LARGE DIAMETER) AND FORCE MAIN

This Addendum No. 1 issued by Crist Engineers, Inc. is hereby made a part of the Contract Documents to the same extent as though it were originally included therein. Please read the following items and acknowledge receipt of this addendum on the proposal form when submitting bids.

1. Conditional Approved Equal

Engineer's acceptance of pre-approved or approved equal submissions will not relieve Contractor from his responsibility for any deviation from the requirements of the Contract Documents unless Contractor has in writing called Engineer's attention to such deviation at the time of submission and Engineer has given written approval to the specific deviation, nor shall any acceptance by Engineer relieve contractor from responsibility for errors or omissions in pre-approved or approved equal submissions.

2. Contract Documents

3. Plans

A. Sheet No. C-1.

1. Delete in its entirety and replace with Sheet No. C-1 – Addendum No. 1, attached hereto.

B. Sheet No. C-2.

1. Delete in its entirety and replace with Sheet No. C-2 – Addendum No. 1, attached hereto.
- C. Sheet No. C-3.
 1. Delete in its entirety and replace with Sheet No. C-3 – Addendum No. 1, attached hereto.
- D. Sheet No. C-4.
 1. Delete in its entirety and replace with Sheet No. C-4 – Addendum No. 1, attached hereto.
- E. Sheet No. C-5.
 1. Delete in its entirety and replace with Sheet No. C-5 – Addendum No. 1, attached hereto.
- F. Sheet No. C-6.
 1. Delete in its entirety and replace with Sheet No. C-6 – Addendum No. 1, attached hereto.
- G. Sheet No. C-7.
 1. Delete in its entirety and replace with Sheet No. C-7 – Addendum No. 1, attached hereto.
- H. Sheet No. C-8.
 1. Delete in its entirety and replace with Sheet No. C-8 – Addendum No. 1, attached hereto.
- I. Sheet No. C-9.
 1. Delete in its entirety and replace with Sheet No. C-9 – Addendum No. 1, attached hereto.
- J. Sheet No. C-10.
 1. Delete in its entirety and replace with Sheet No. C-10 – Addendum No. 1, attached hereto.
- K. Sheet No. C-11.
 1. Delete in its entirety and replace with Sheet No. C-11 – Addendum No. 1, attached hereto.
- L. Sheet No. C-12.
 1. Delete in its entirety and replace with Sheet No. C-12 – Addendum No. 1, attached hereto.
- M. Sheet No. C-13.
 1. Delete in its entirety and replace with Sheet No. C-13 – Addendum No. 1, attached hereto.
- N. Sheet No. C-14.

1. Delete in its entirety and replace with Sheet No. C-14 – Addendum No. 1, attached hereto.
- O. Sheet No. C-15.
 1. Delete in its entirety and replace with Sheet No. C-15 – Addendum No. 1, attached hereto.
- P. Sheet No. C-16.
 1. Delete in its entirety and replace with Sheet No. C-16 – Addendum No. 1, attached hereto.
- Q. Sheet No. C-17.
 1. Delete in its entirety and replace with Sheet No. C-17 – Addendum No. 1, attached hereto.
- R. Sheet No. C-18.
 1. Delete in its entirety and replace with Sheet No. C-18 – Addendum No. 1, attached hereto.
- S. Sheet No. C-19.
 1. Delete in its entirety and replace with Sheet No. C-19 – Addendum No. 1, attached hereto.
- T. Sheet No. C-20.
 1. Delete in its entirety and replace with Sheet No. C-20 – Addendum No. 1, attached hereto.
- U. Sheet No. C-21.
 1. Delete in its entirety and replace with Sheet No. C-21 – Addendum No. 1, attached hereto.
- V. Sheet No. C-22.
 1. Delete in its entirety and replace with Sheet No. C-22 – Addendum No. 1, attached hereto.
- W. Sheet No. C-23.
 1. Delete in its entirety and replace with Sheet No. C-23 – Addendum No. 1, attached hereto.

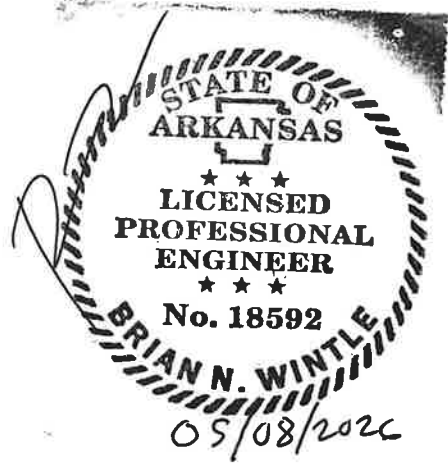
End of Addendum No. 1

All other provisions of the Plans and Contract Documents shall remain in full force and effect.

Issued by CRIST ENGINEERS, INC.



Brian N. Wintle, PE, PhD, BCEE



Please EMAIL this form to Crist Engineers, Inc. at:

abrown@crisengineers.com; mallen@crisengineers.com; bwintle@crisengineers.com

Please call Brian N. Wintle at 501-664-1552 if you have any questions.

The Bidder shall acknowledge receipt of Addendum No. 1 by return EMAIL.

Bidder shall acknowledge Addendum No. 1 on Section 004100 Bid Form (C-410) Addendum No. 1.

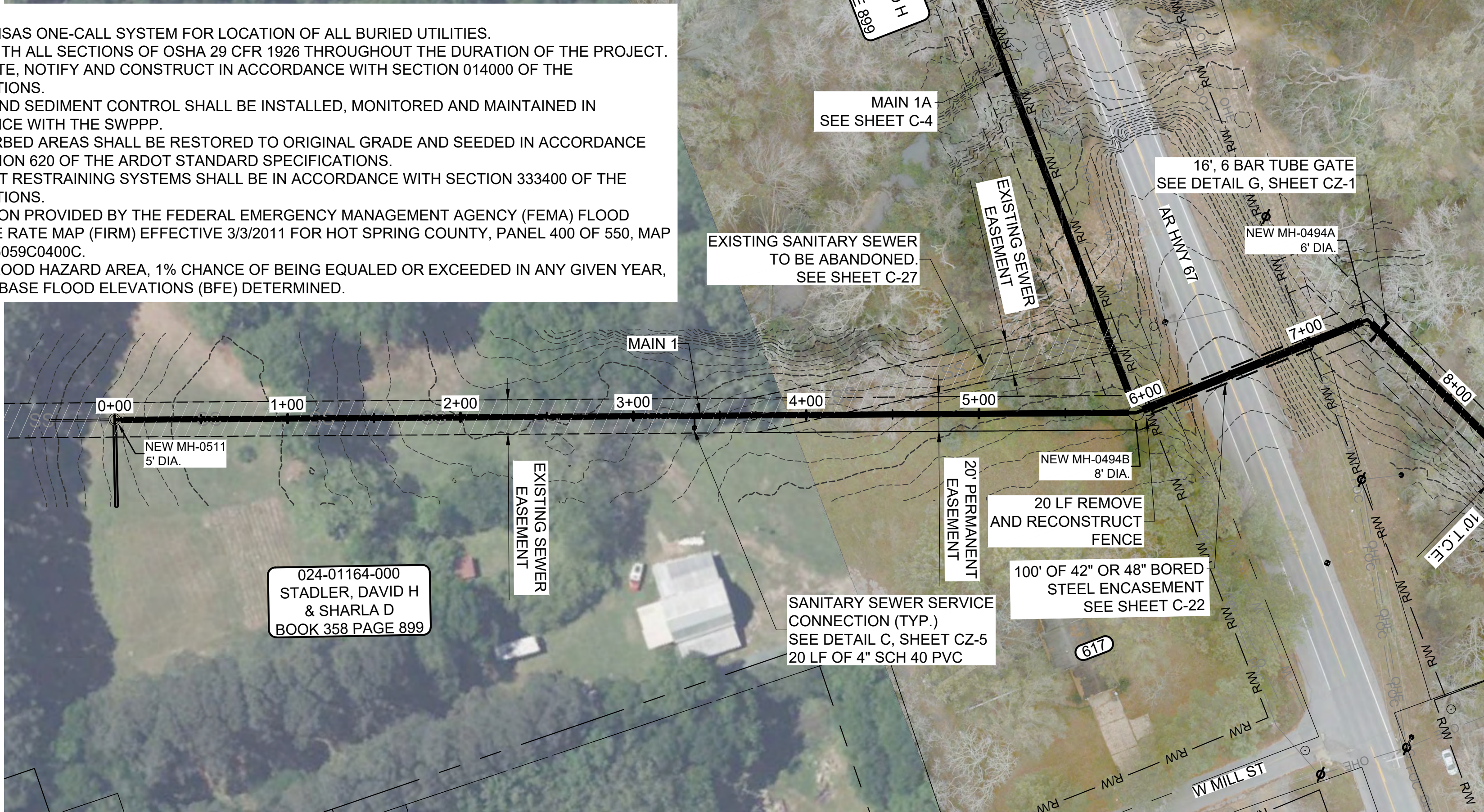
Acknowledged by: _____

Please Print

Please Sign

Organization of Company Name:

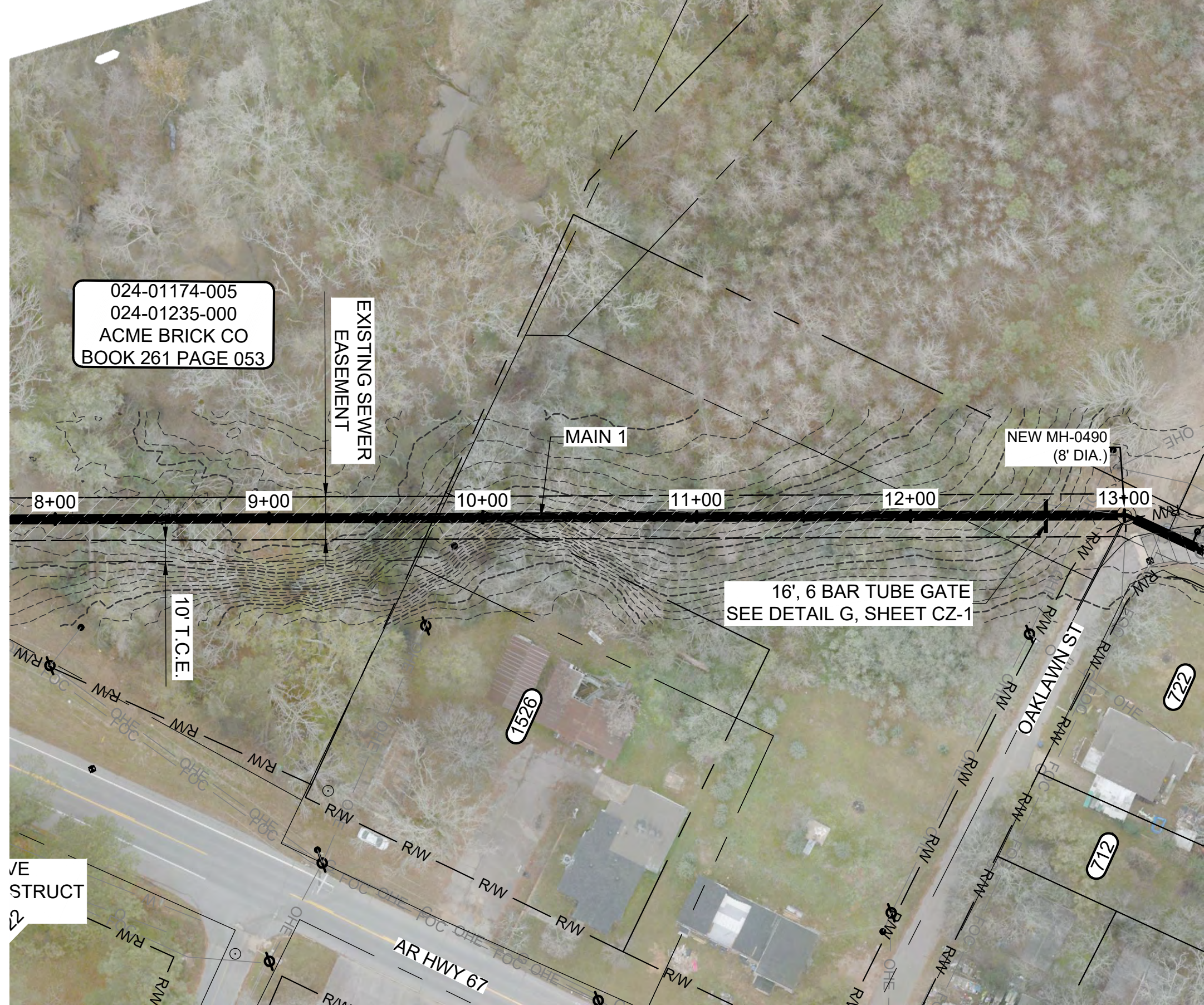
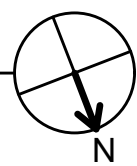
- NOTES:
1. USE ARKANSAS ONE-CALL SYSTEM FOR LOCATION OF ALL BURIED UTILITIES.
 2. COMPLY WITH ALL SECTIONS OF OSHA 29 CFR 1926 THROUGHOUT THE DURATION OF THE PROJECT.
 3. COORDINATE, NOTIFY AND CONSTRUCT IN ACCORDANCE WITH SECTION 014000 OF THE SPECIFICATIONS.
 4. EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED, MONITORED AND MAINTAINED IN ACCORDANCE WITH THE SWPPP.
 5. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL GRADE AND SEEDED IN ACCORDANCE WITH SECTION 620 OF THE ARDOT STANDARD SPECIFICATIONS.
 6. ALL THRUST RESTRAINING SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION 333400 OF THE SPECIFICATIONS.
 7. INFORMATION PROVIDED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) EFFECTIVE 3/3/2011 FOR HOT SPRING COUNTY, PANEL 400 OF 550, MAP NUMBER 05059C0400C.
 8. SPECIAL FLOOD HAZARD AREA, 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR, ZONE AE - BASE FLOOD ELEVATIONS (BFE) DETERMINED.



MAIN 1 - 0511 TO 0494A

PLAN

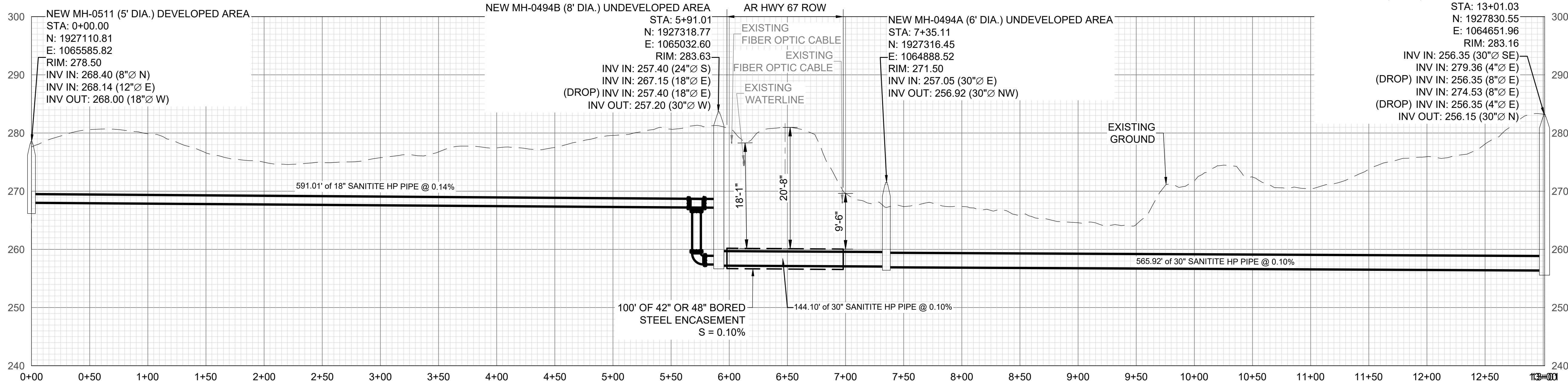
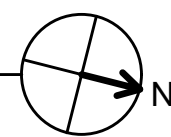
SCALE: 1" = 50'



MAIN 1 - 0494A TO 0490

PLAN

SCALE: 1" = 50'



PROFILE

SCALE: H:1" = 50' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED: MPA
DRAFTED: SBM
CHECKED: BNW
DATE: APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

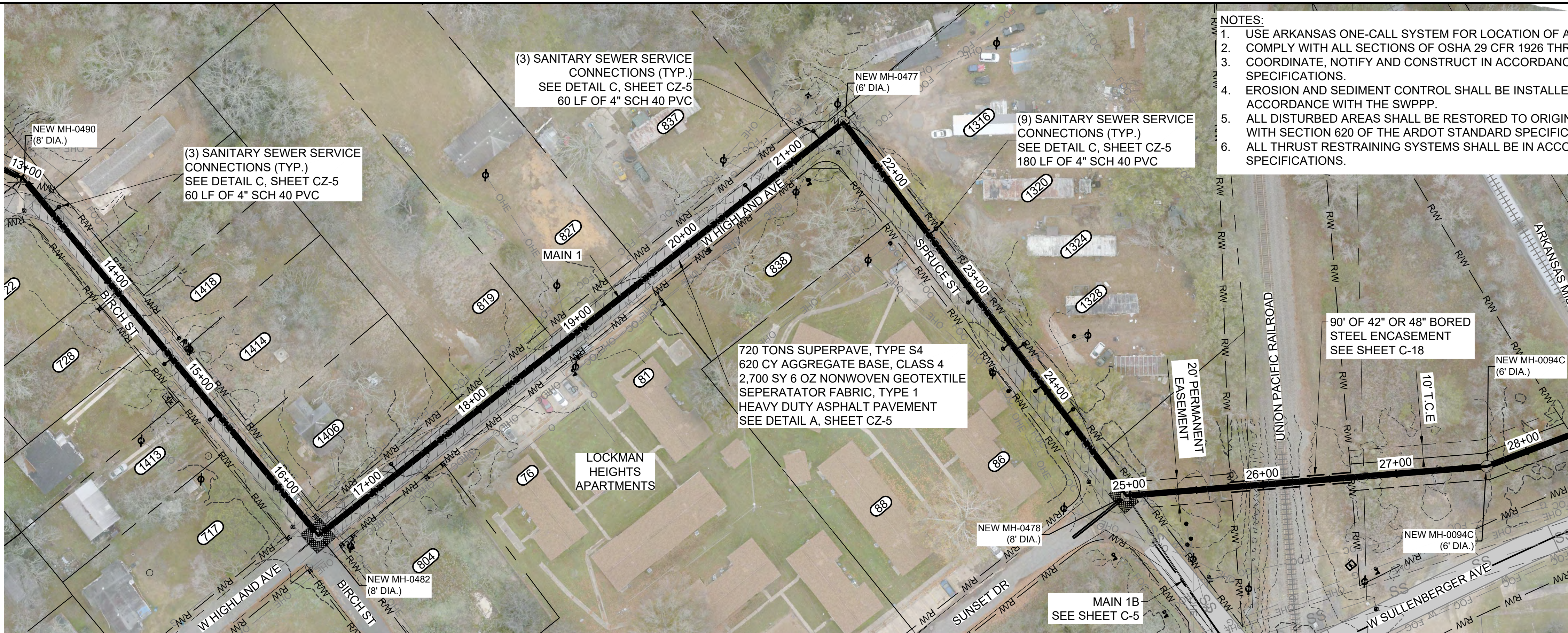
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

MAIN 1 - PLAN & PROFILE - STA. 0+00 TO STA. 13+00

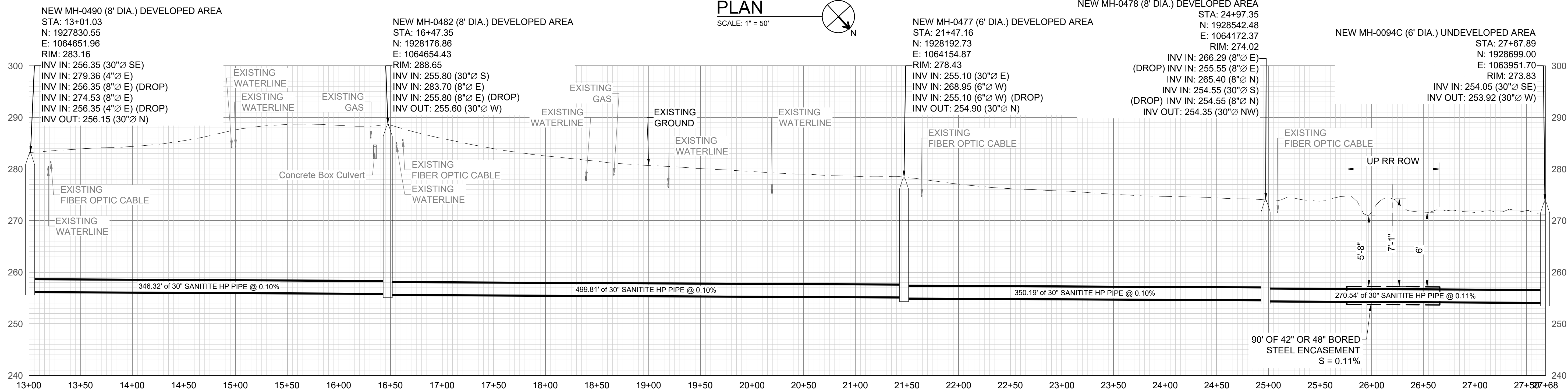
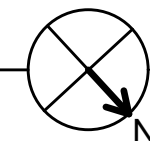
JOB NO.
25014
SHEET NO.
C-1



MAIN 1 - 0490 TO 0094C

PLAN

SCALE: 1" = 50'

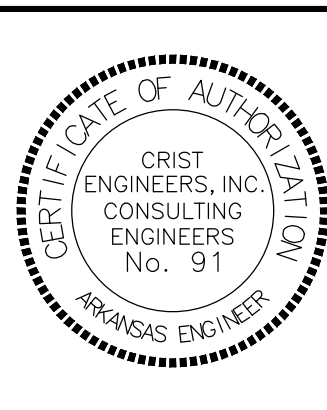


PROFILE

SCALE: H:1" = 50' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
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DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



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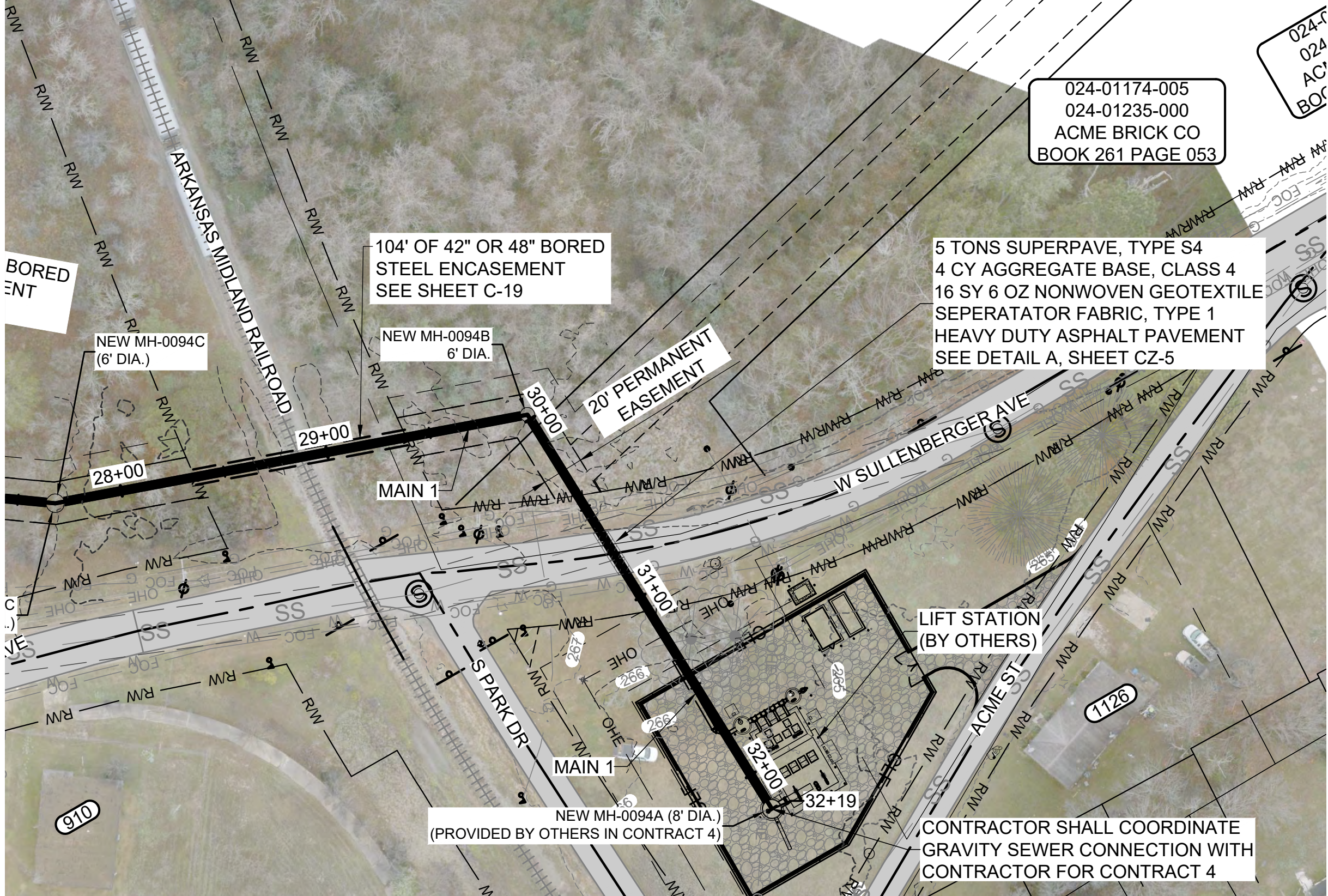
MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

MAIN 1 - PLAN & PROFILE - STA. 13+00 TO STA. 28+00

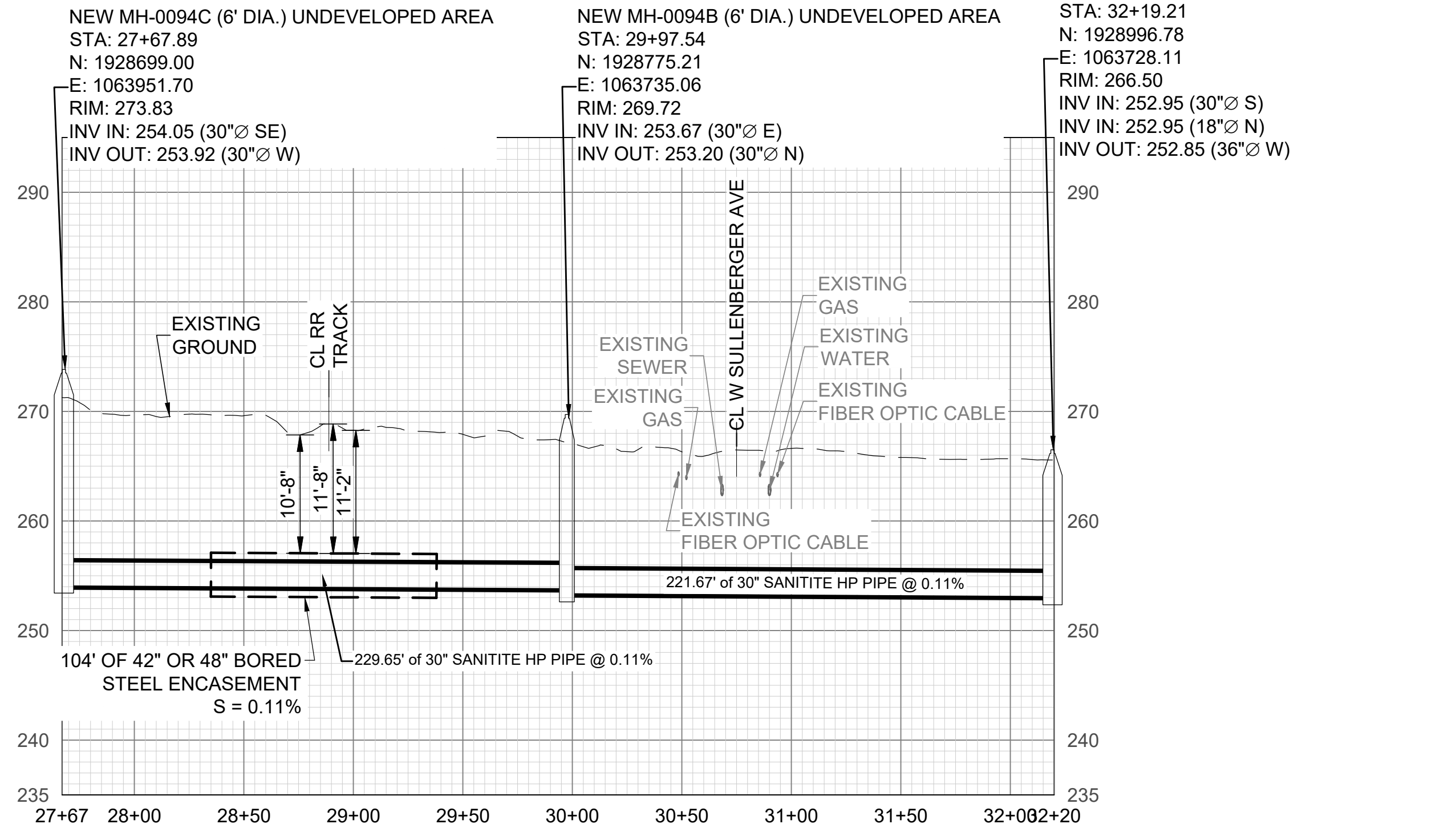
JOB NO.	25014
SHEET NO.	C-2

- NOTES:
1. USE ARKANSAS ONE-CALL SYSTEM FOR LOCATION OF ALL BURIED UTILITIES.
 2. COMPLY WITH ALL SECTIONS OF OSHA 29 CFR 1926 THROUGHOUT THE DURATION OF THE PROJECT.
 3. COORDINATE, NOTIFY AND CONSTRUCT IN ACCORDANCE WITH SECTION 014000 OF THE SPECIFICATIONS.
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 6. ALL THRUST RESTRAINING SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION 333400 OF THE SPECIFICATIONS.



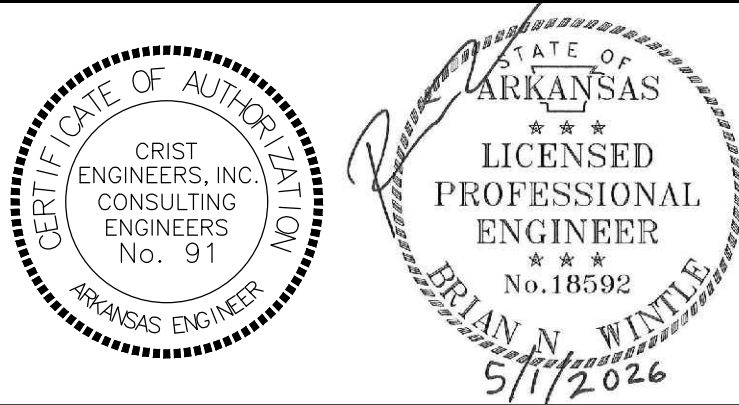
MAIN 1 - 0094C TO 0094A

PLAN
SCALE: 1" = 50'



PROFILE
SCALE: H:1" = 50' V: 1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



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CONSULTING ENGINEERS

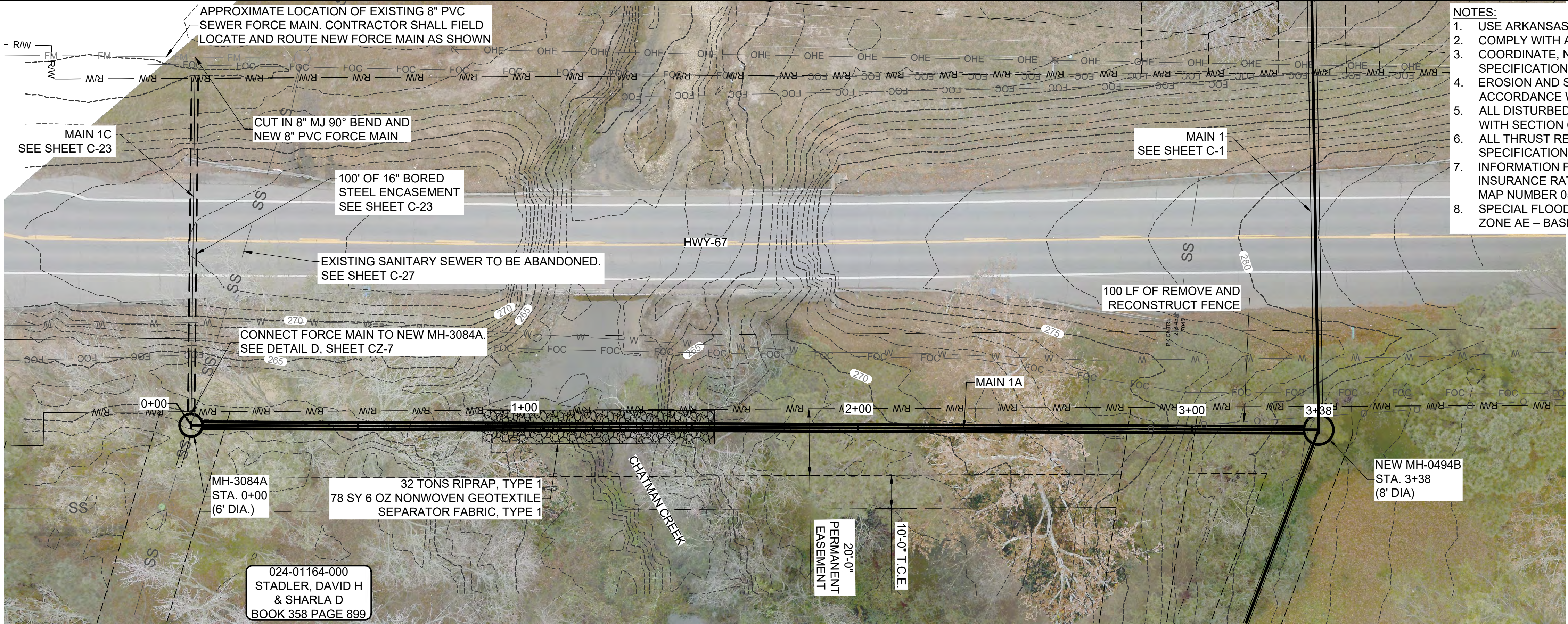
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

MAIN 1 - PLAN & PROFILE - STA. 28+00 TO STA. 32+19

JOB NO.	25014
SHEET NO.	C-3

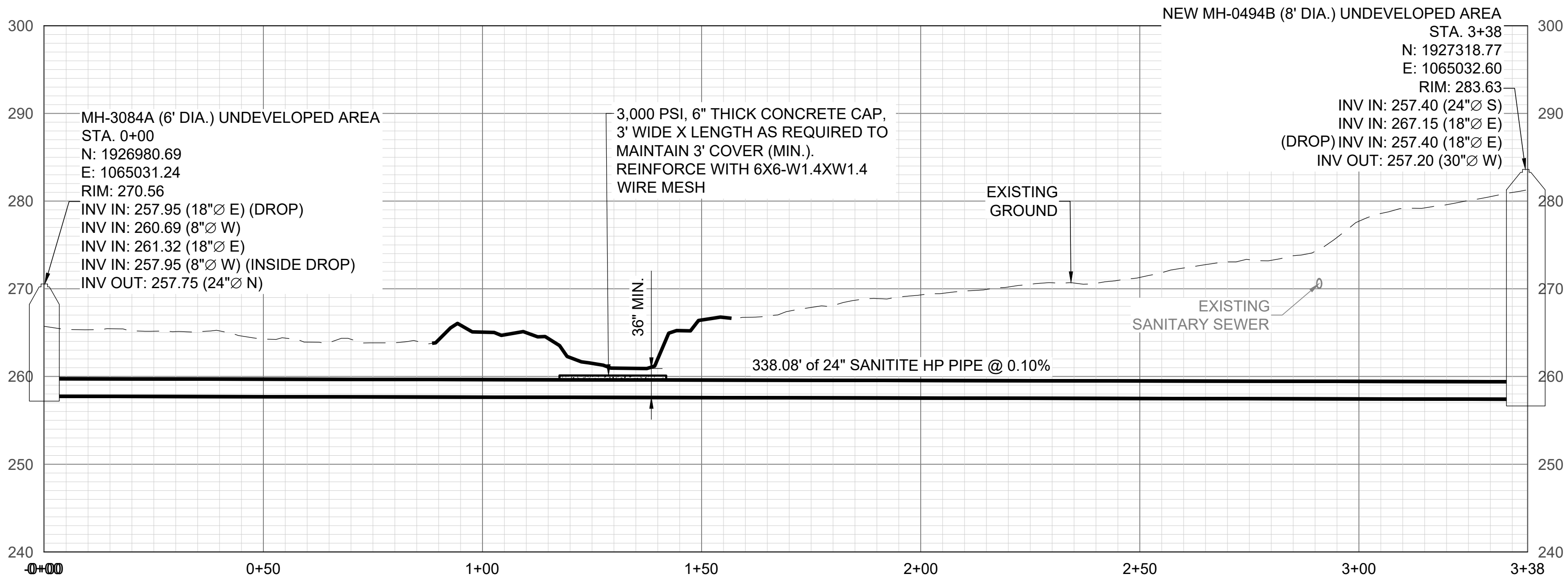
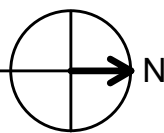


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MAIN 1A - 3084A TO 0494B

PLAN

SCALE: 1" = 20'



PROFILE

SCALE: H:1" = 20' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
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DESIGNED: MPA
DRAFTED: SBM
CHECKED: BNW
DATE: APR 2026



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CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
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FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

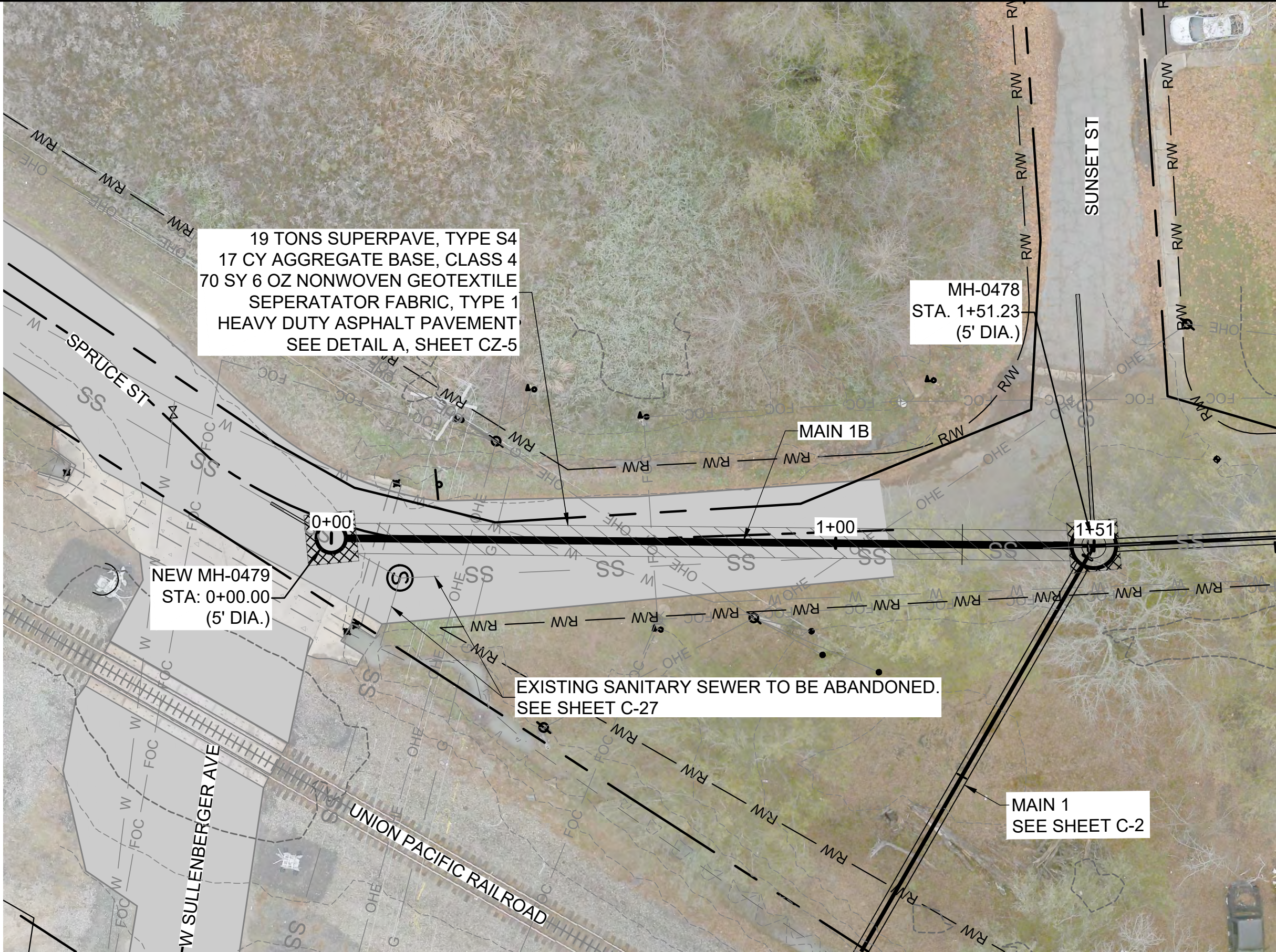
BID SET

MAIN 1A - PLAN & PROFILE - STA. 0+00 TO STA. 3+38

JOB NO.
25014

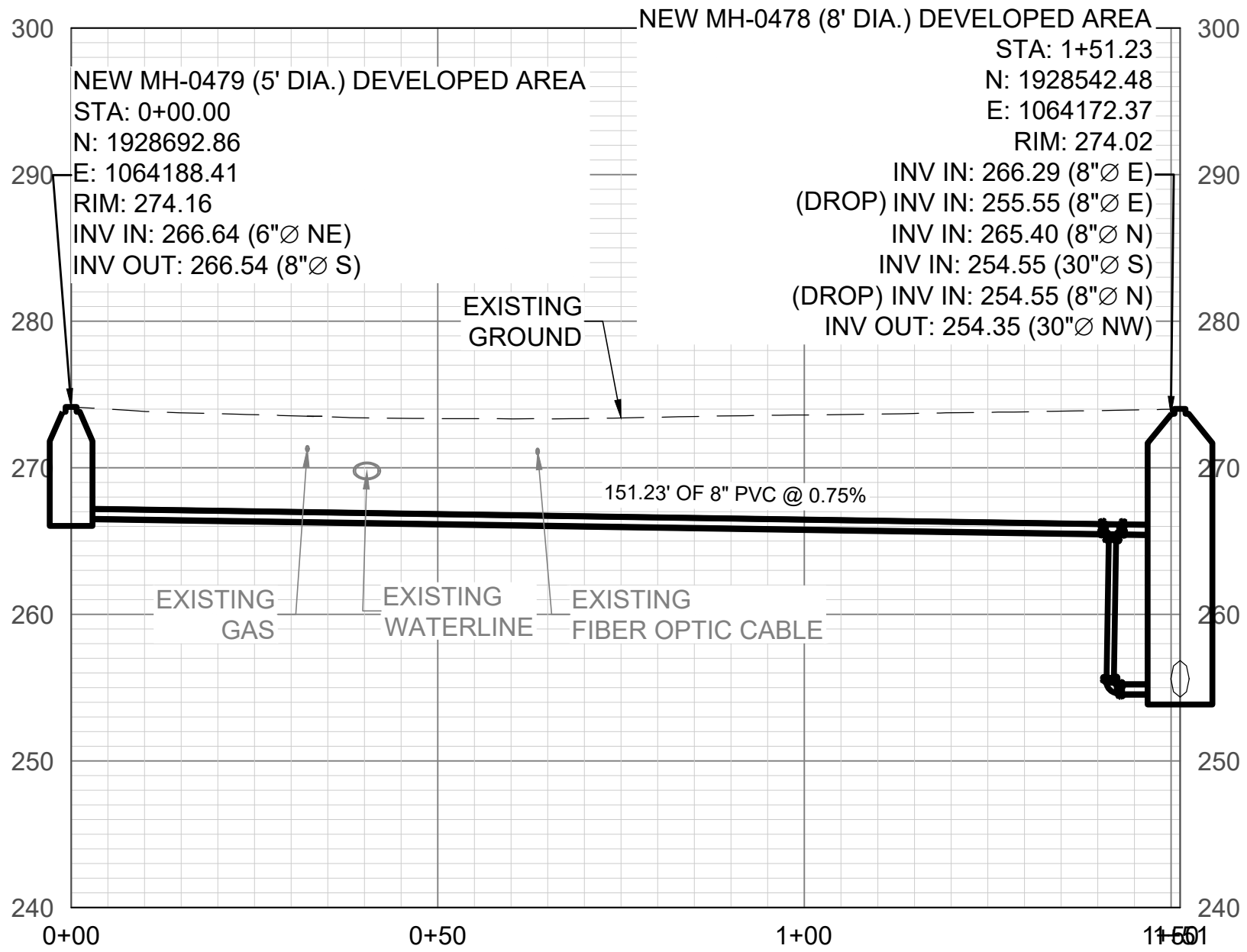
SHEET NO.

C-4



MAIN 1B - 0479 TO 0478

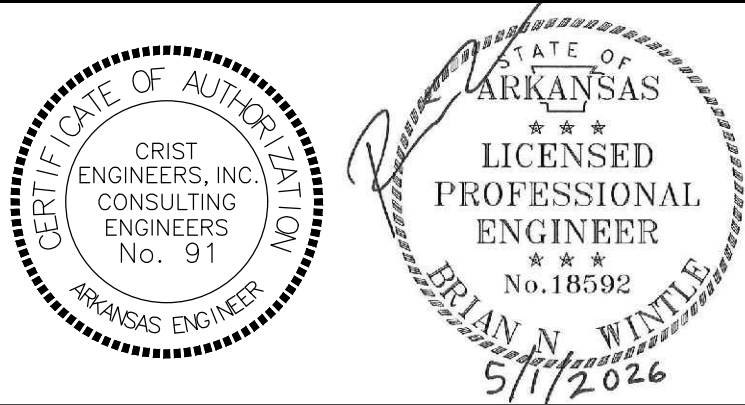
PLAN
SCALE: 1" = 20'



PROFILE
SCALE: H:1" = 20' V: 1" = 10'

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1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
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CHECKED:	BNW
DATE:	APR 2026



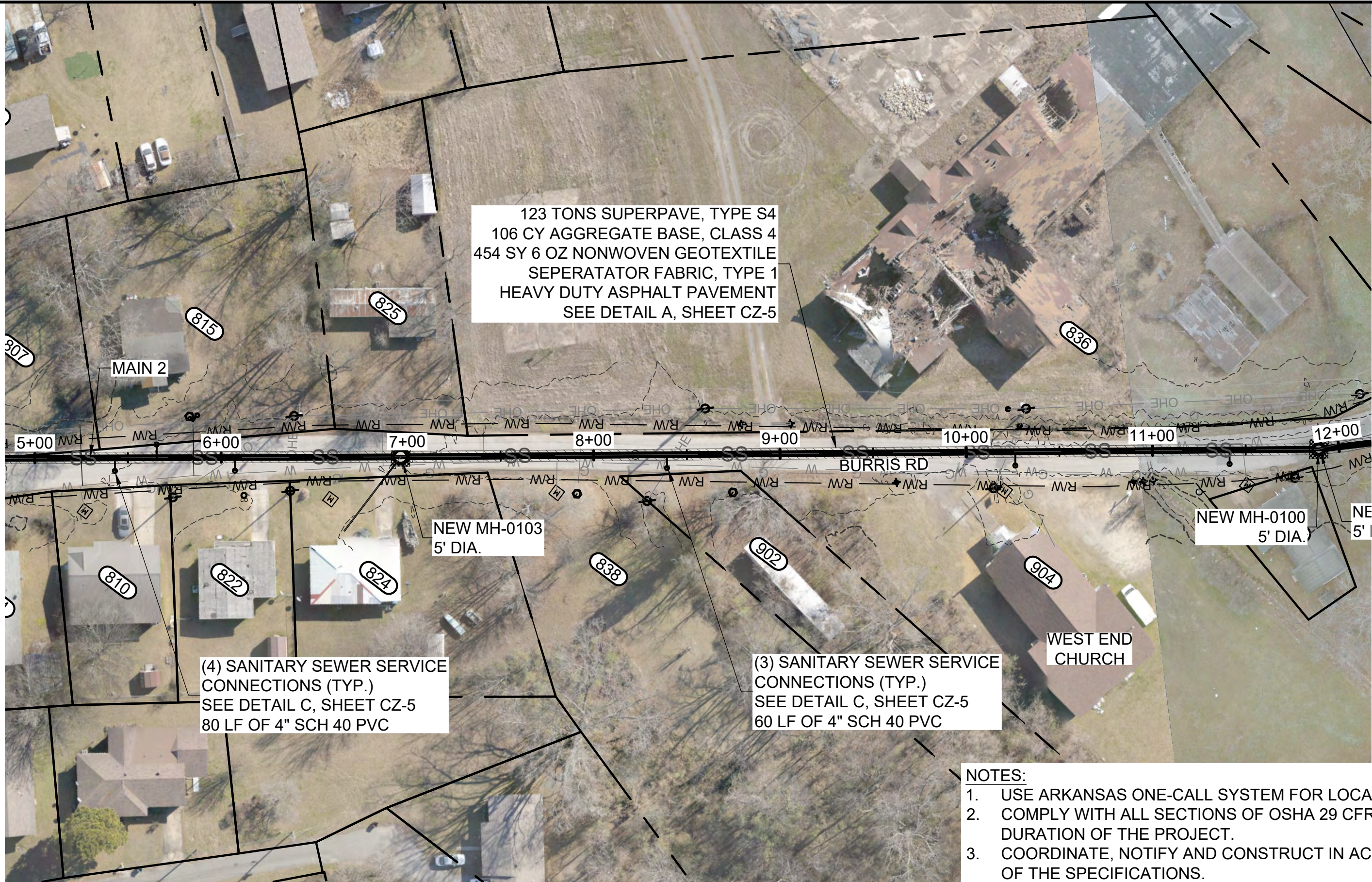
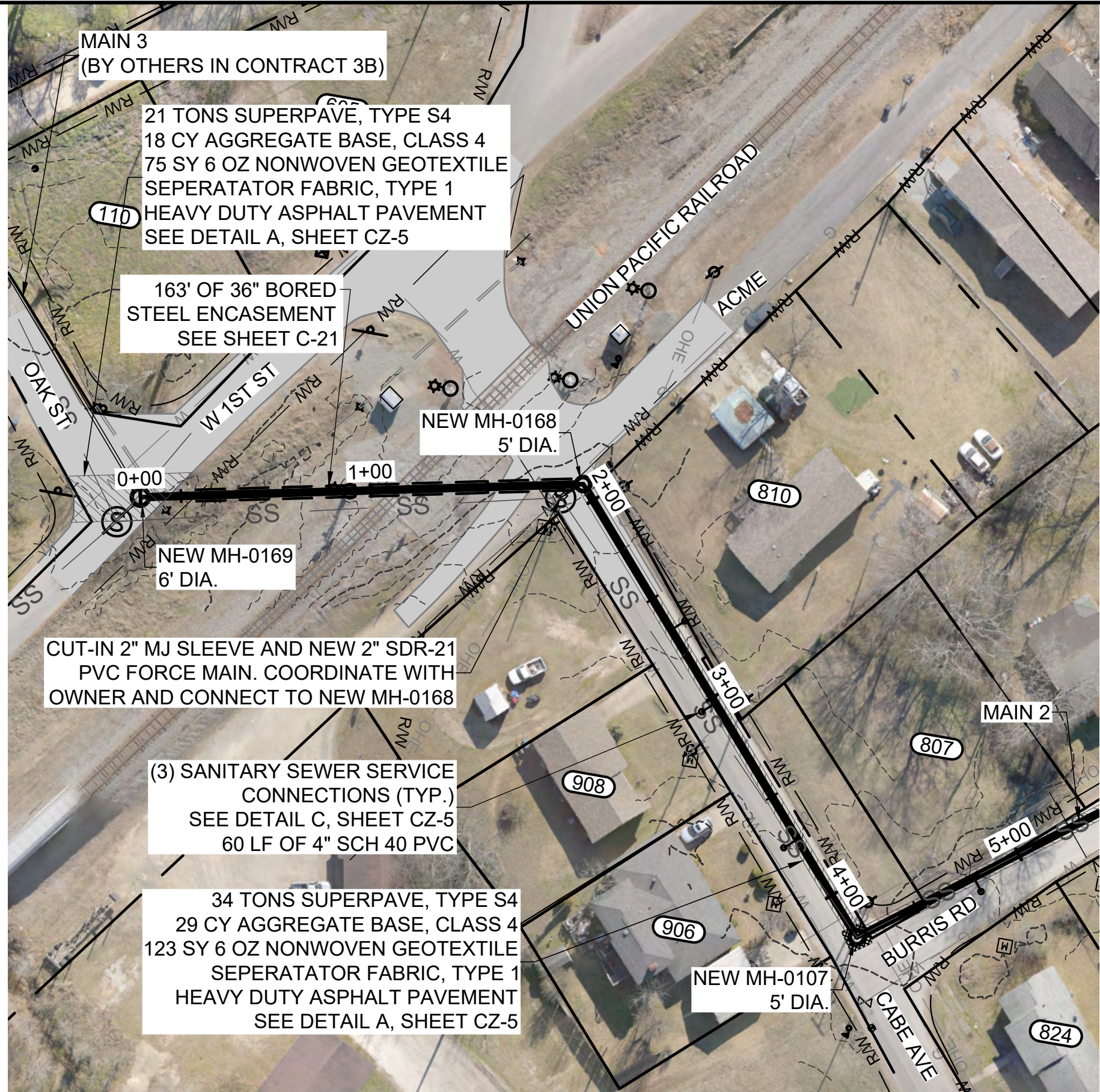
CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

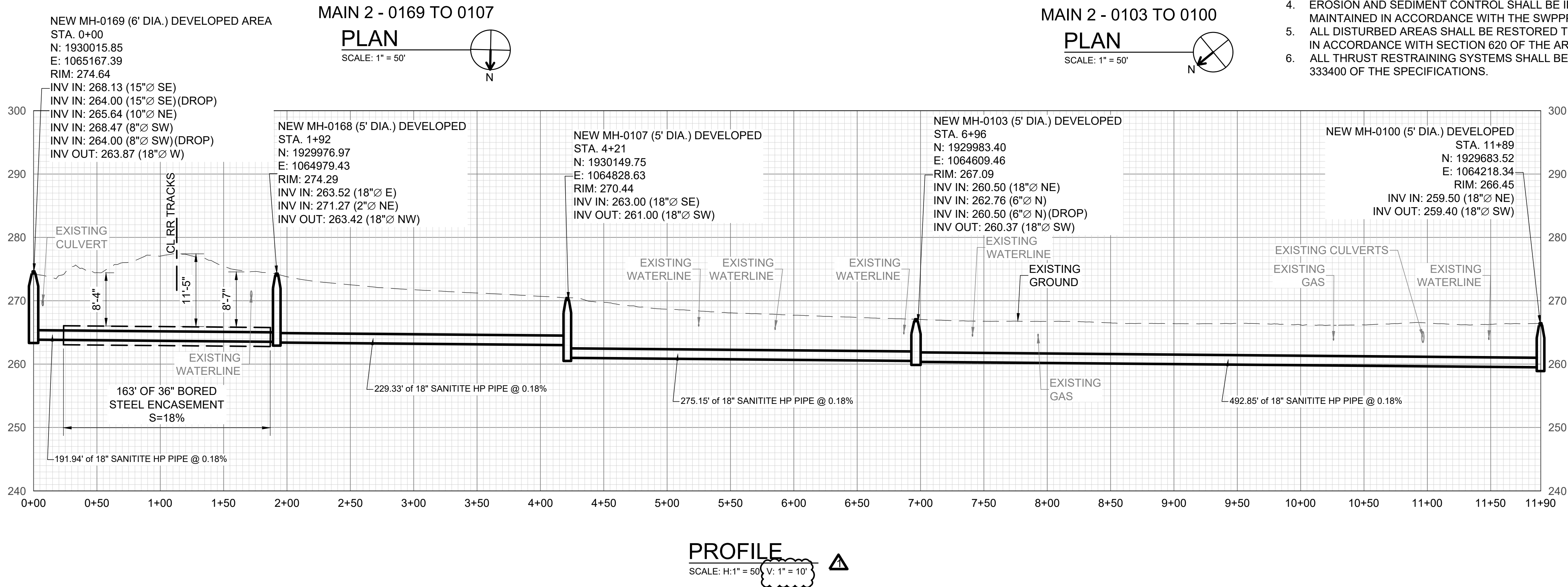
MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

MAIN 1B - PLAN & PROFILE - STA. 0+00 TO STA. 1+48

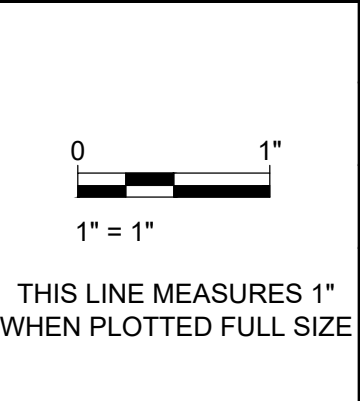
JOB NO.
25014
SHEET NO.
C-5



- NOTES:
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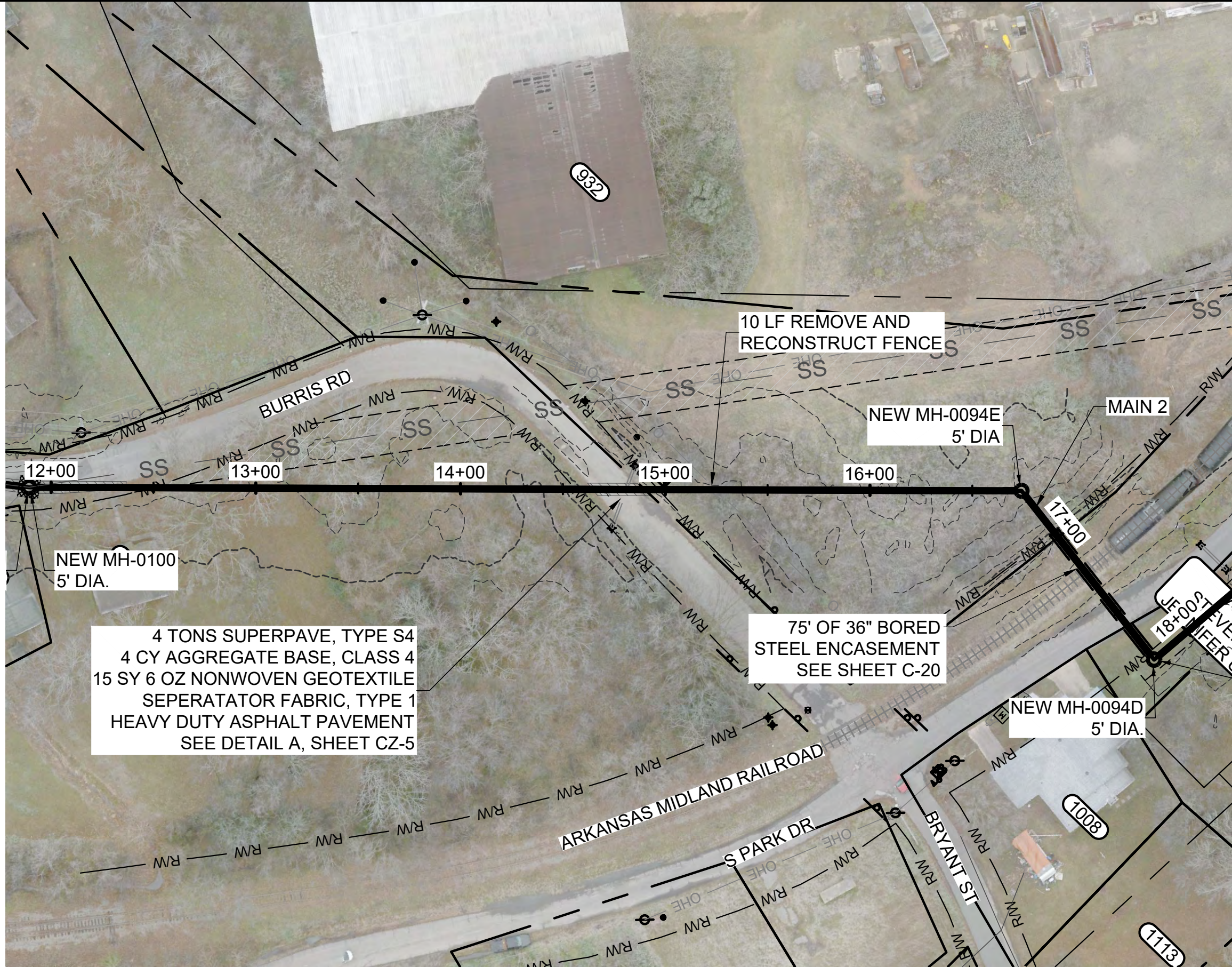
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MALVERN, ARKANSAS	JOB NO.
SEWER SYSTEM REHABILITATION - PHASE 3	25014
CONTRACT 3A	SHEET NO.
BID SET	C-6
MAIN 2 - PLAN & PROFILE - STA. 0+00 TO STA. 12+00	

P:\2025 Projects\25014 - Malvern - ARPA Wastewater System Improvements\06 - CADD\01 - Civil\Contract 3\25014 - Align 2 - Gravity Sewer P&P Sheets.dwg 5/6/2026 2:36 PM

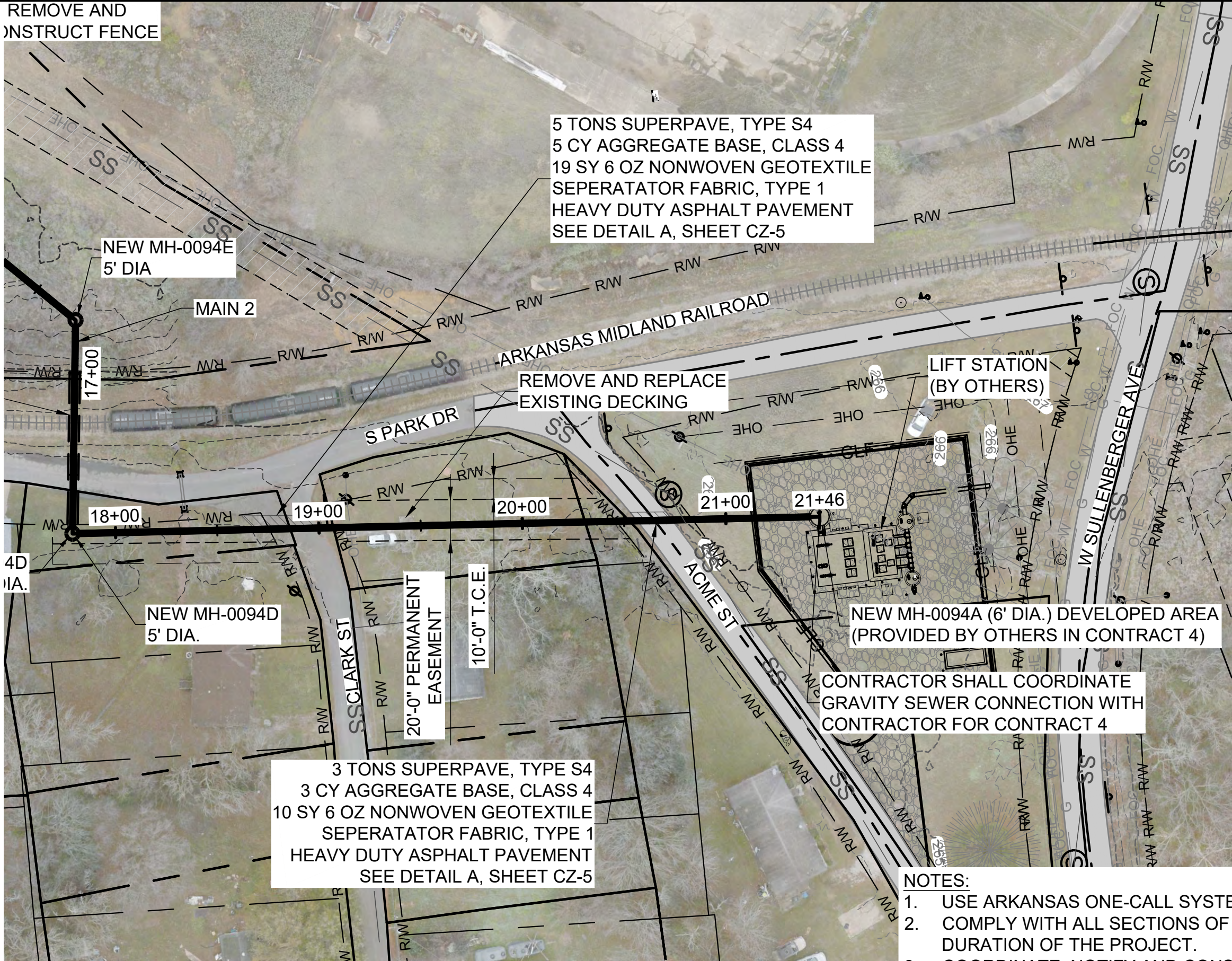
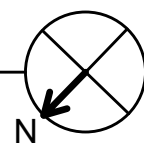
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MAIN 2 - 0100 TO 0094D

PLAN

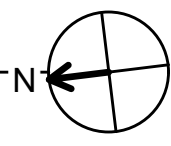
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MAIN 2 - 0094D TO 0094A

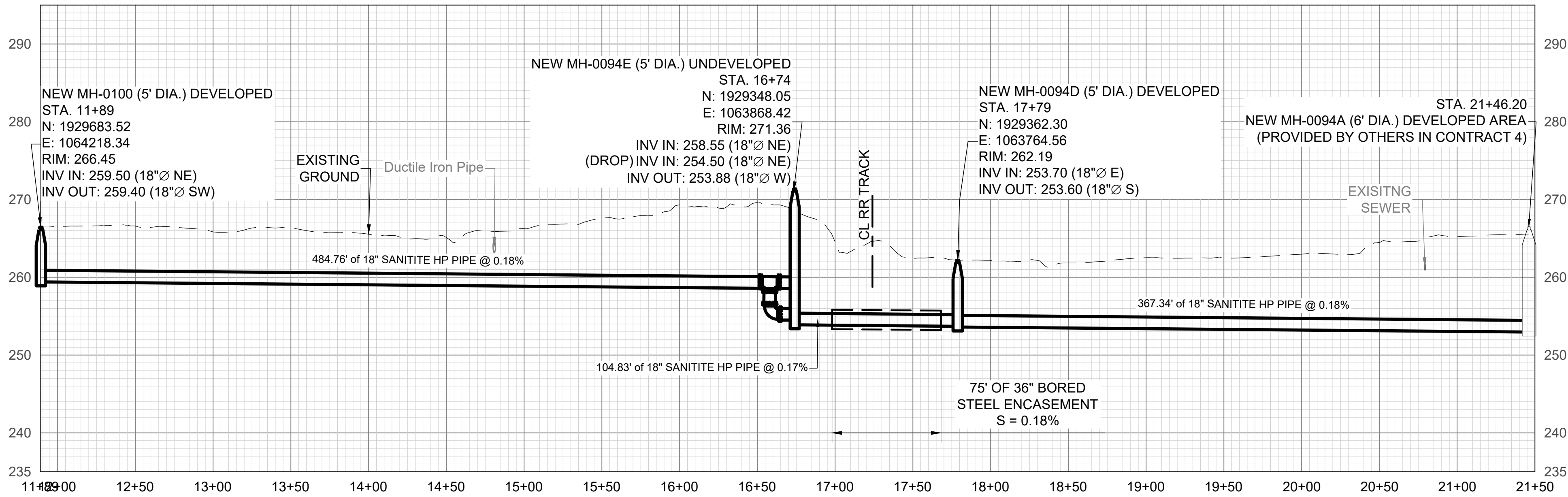
PLAN

SCALE: 1" = 50'



NOTES:

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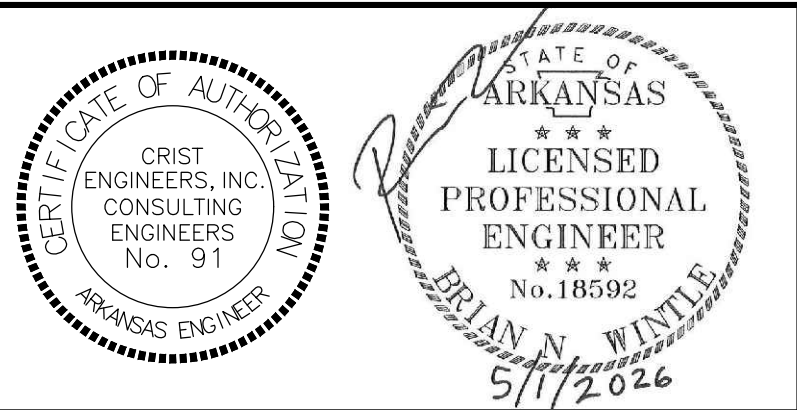


PROFILE

SCALE: H:1" = 50' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
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DESIGNED:	MPA
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CHECKED:	BNW
DATE:	APR 2026



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CONSULTING ENGINEERS

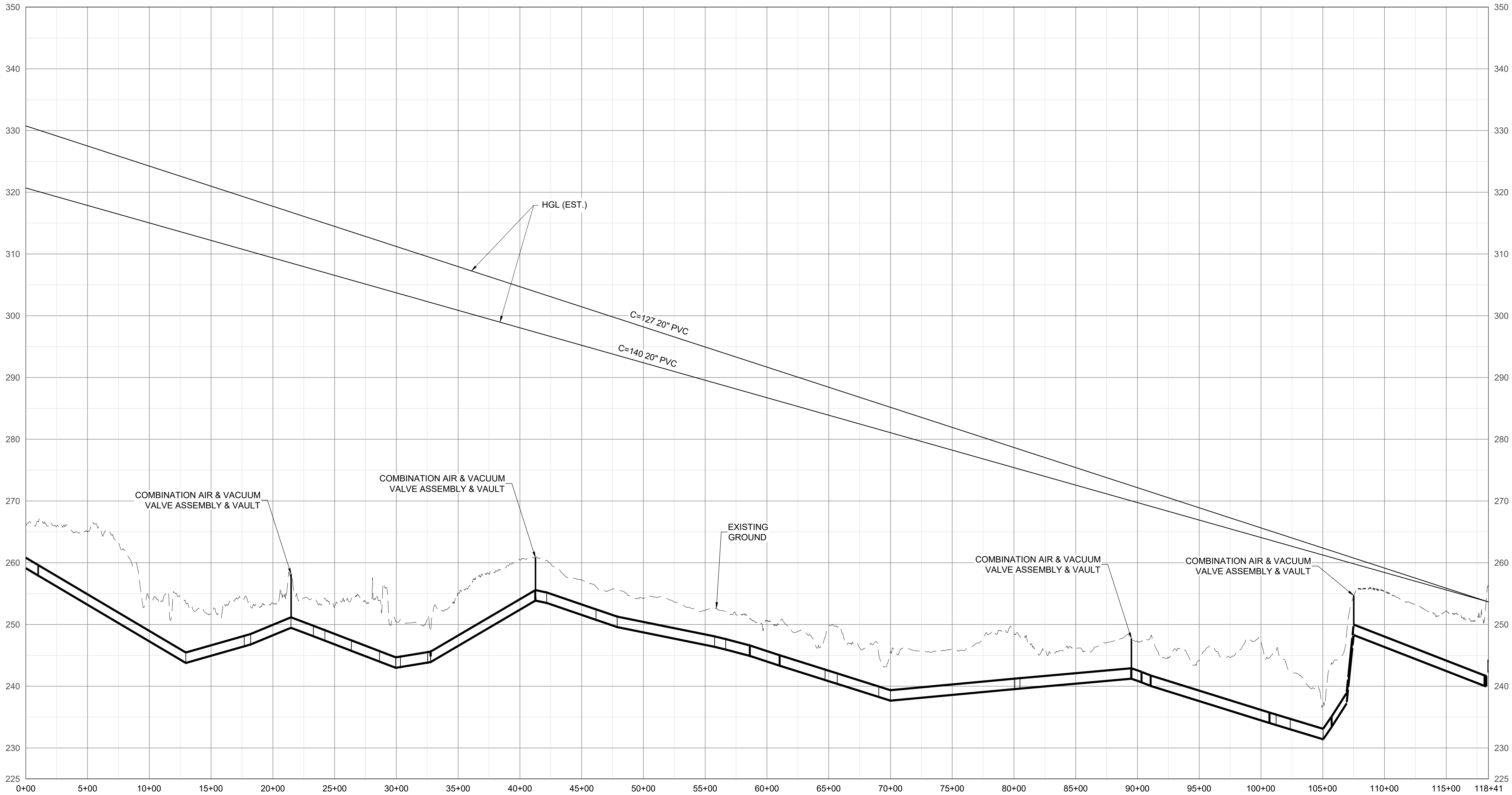
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MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

MAIN 2 - PLAN & PROFILE - STA. 12+00 TO STA. 21+41

JOB NO.	25014
SHEET NO.	C-7



NOTES:

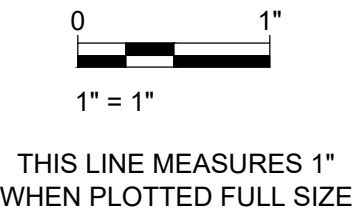
1. FORCE MAIN HYDRAULIC GRADE LINE (HGL) IS FOR INFORMATIONAL PURPOSES ONLY AND SHOULD ONLY BE USED TO APPROXIMATE FIELD PUMPING CONDITIONS AT 5,850 TO 6,500 GALLONS PER MINUTE (GPM) AT THE ESTIMATED HAZEN-WILLIAMS COEFFICIENT, C IDENTIFIED ON THE SHEET.
2. USE COMBINATION AIR & VACUUM VALVE ASSEMBLY & VAULT PER DETAIL A, SHEET CZ-4, IN ALL LOCATIONS IDENTIFIED ALONG FORCE MAIN ALIGNMENT IN ACCORDANCE WITH SECTION 331419.

OVERALL FORCE MAIN PROFILE

SCALE: H: 1" = 400' V: 1" = 8'



1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1
REV. NO.	DATE	DRWN	CHKD	REMARKS



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CHECKED:	BNW
DATE:	APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

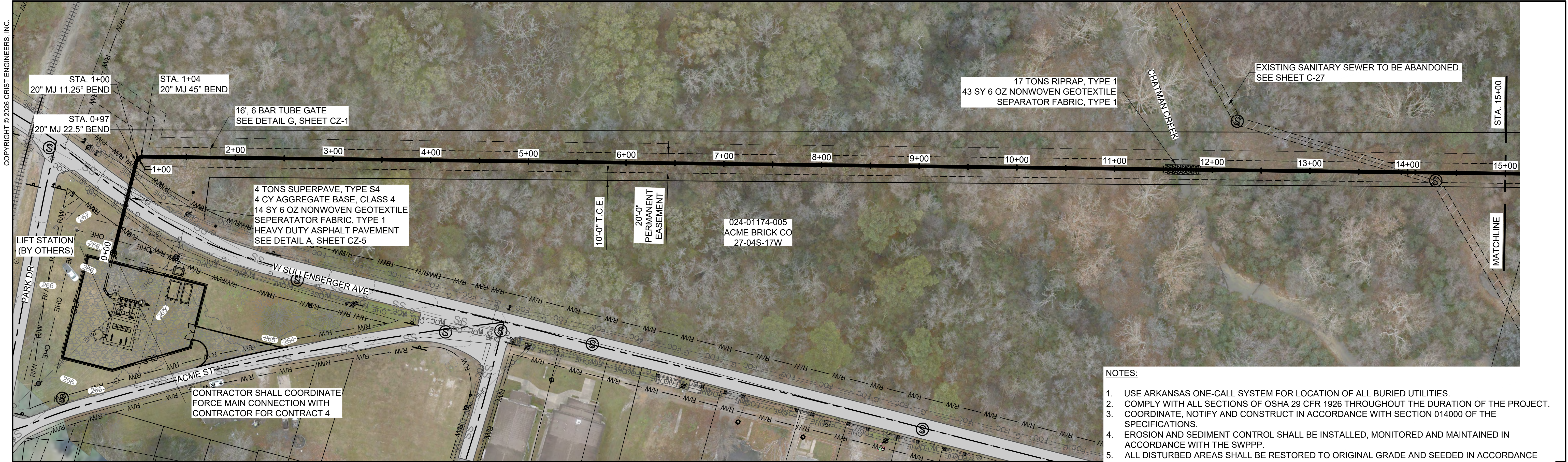
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

OVERALL FORCE MAIN PROFILE & HYDRAULIC GRADE LINE (HGL)

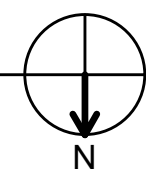
JOB NO.	25014
SHEET NO.	C-8



STA. 0+00 TO STA. 15+00

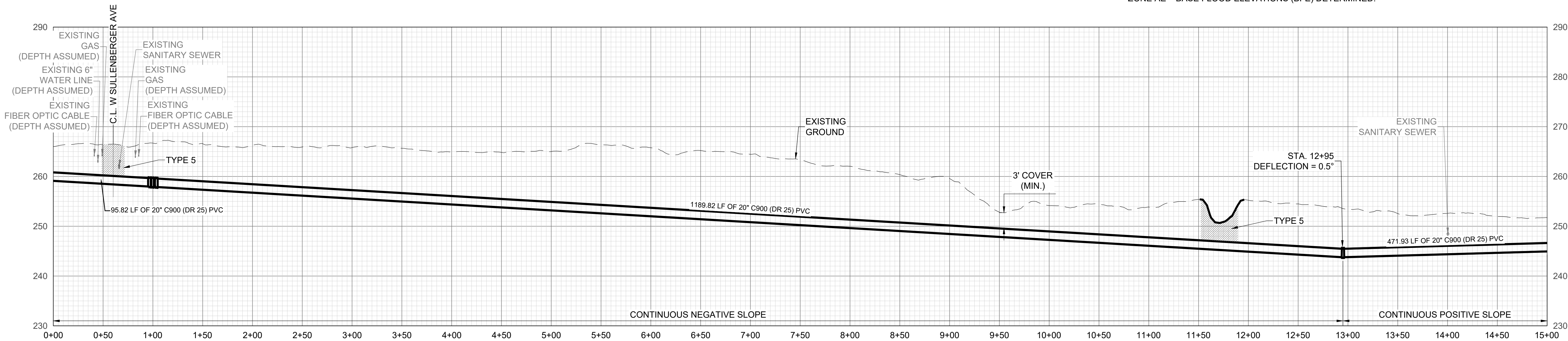
PLAN

SCALE: 1" = 50'



NOTES:

1. USE ARKANSAS ONE-CALL SYSTEM FOR LOCATION OF ALL BURIED UTILITIES.
2. COMPLY WITH ALL SECTIONS OF OSHA 29 CFR 1926 THROUGHOUT THE DURATION OF THE PROJECT.
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8. SPECIAL FLOOD HAZARD AREA, 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR, ZONE AE – BASE FLOOD ELEVATIONS (BFE) DETERMINED.

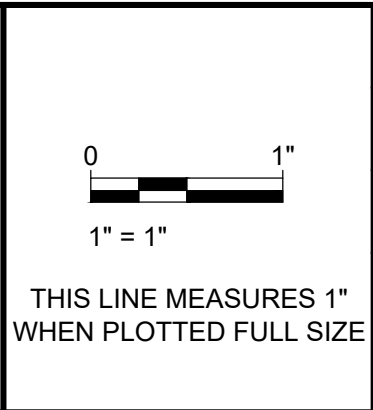
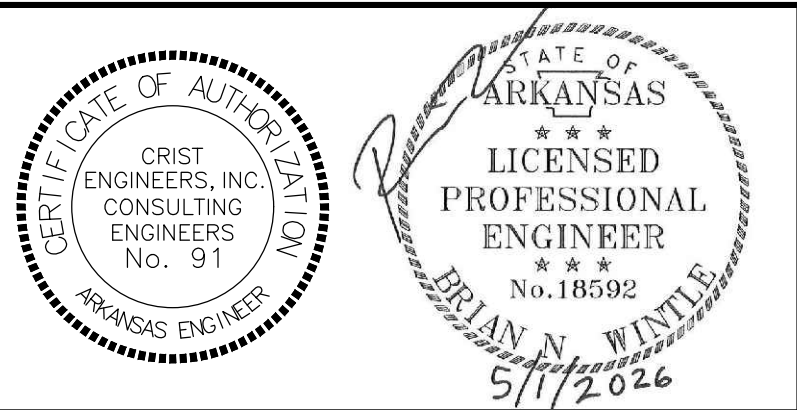


PROFILE

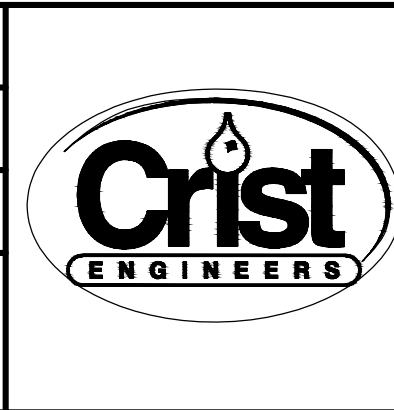
SCALE: H: 1" = 50' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

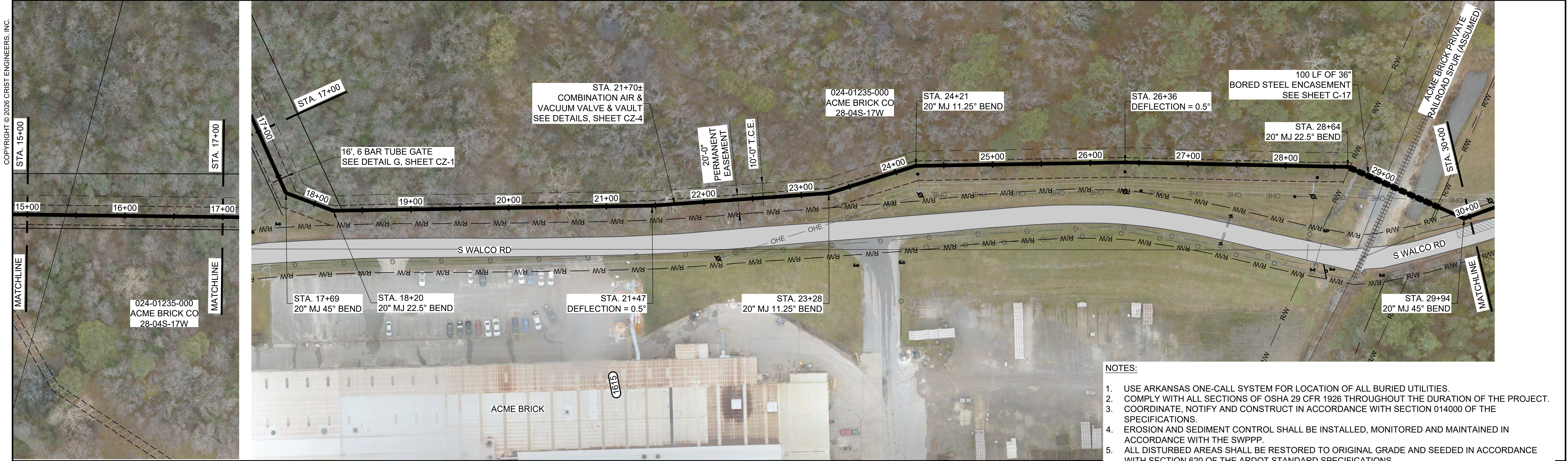
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

FORCE MAIN PLAN & PROFILE STA. 0+00 TO STA. 15+00

JOB NO.
25014
SHEET NO.
C-9

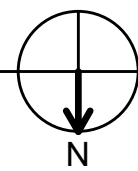


- NOTES:
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 2. COMPLY WITH ALL SECTIONS OF OSHA 29 CFR 1926 THROUGHOUT THE DURATION OF THE PROJECT.
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STA. 15+00 TO STA. 17+00

PLAN

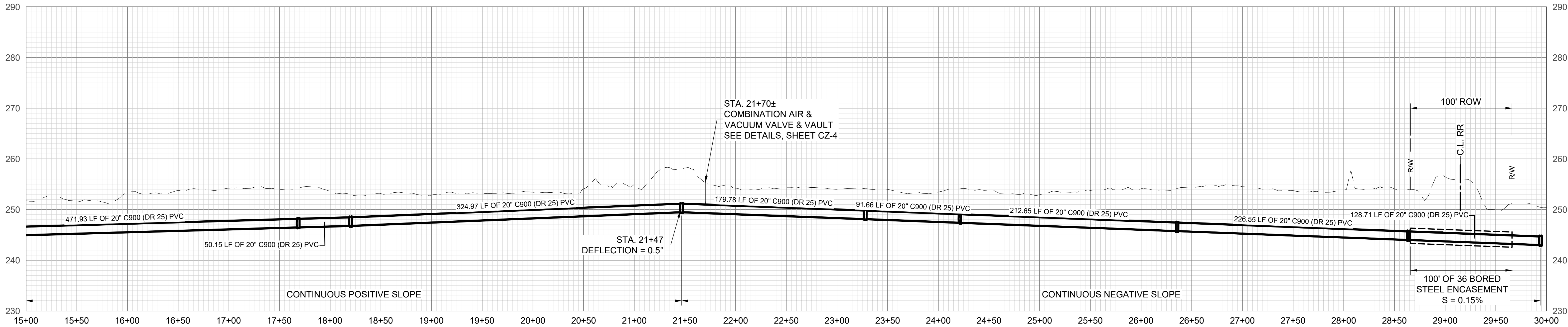
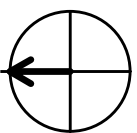
SCALE: 1" = 50'



STA. 17+00 TO STA. 30+00

PLAN

SCALE: 1" = 50'



PROFILE

SCALE: H: 1" = 50' V: 1" = 10'



P:\2025 Projects\25014 - Malvern - ARPA Wastewater System Improvements\06 - CADD\01 - Civil\Contract 3\25014 - FM Plan & Profile.dwg 5/6/2026 2:20 PM

1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1
REV. NO.	DATE	DRWN	CHKD	REMARKS



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED: MPA
DRAFTED: SBM
CHECKED: BNW
DATE: APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

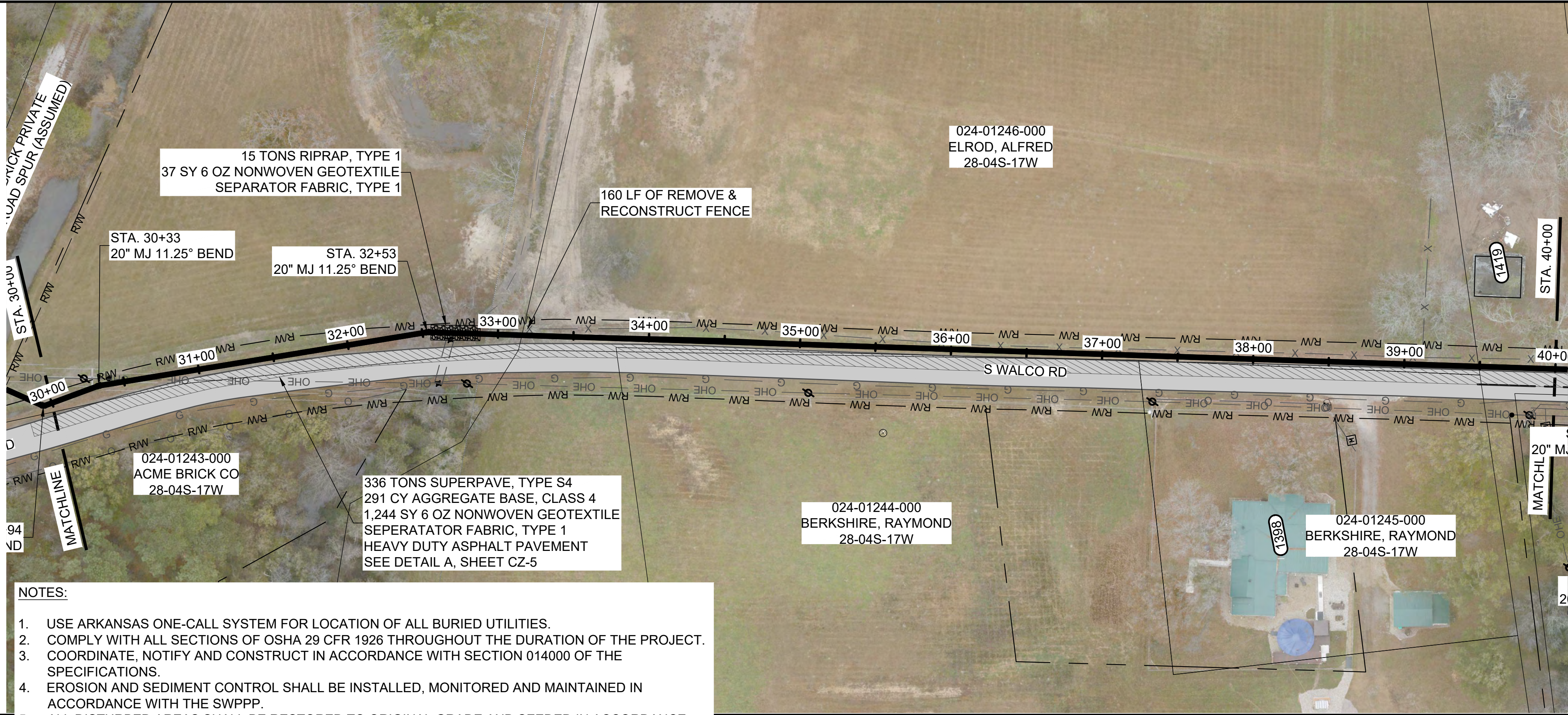
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

FORCE MAIN PLAN & PROFILE STA. 15+00 TO STA. 30+00

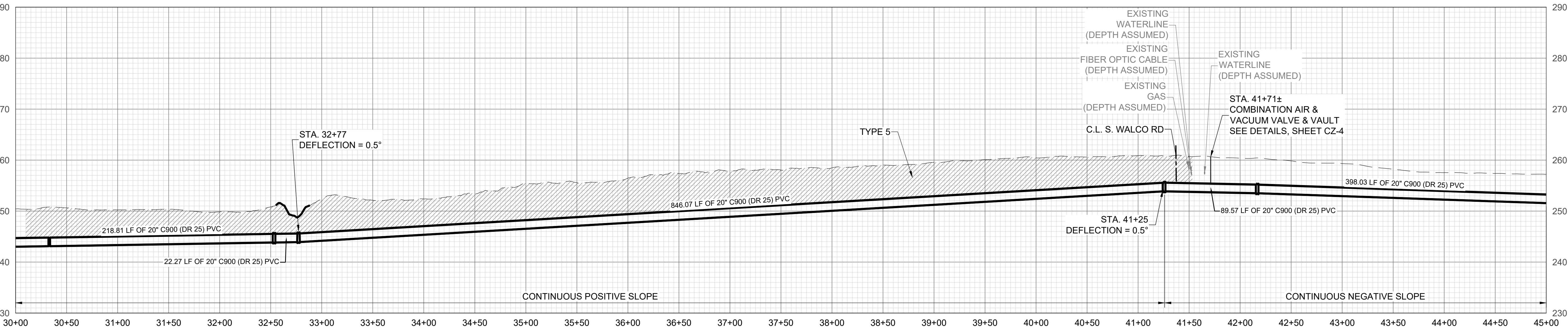
JOB NO.
25014
SHEET NO.
C-10



- NOTES:
1. USE ARKANSAS ONE-CALL SYSTEM FOR LOCATION OF ALL BURIED UTILITIES.
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STA. 30+00 TO STA. 40+00

PLAN
SCALE: 1" = 50'



PROFILE
SCALE: H:1" = 50' V: 1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

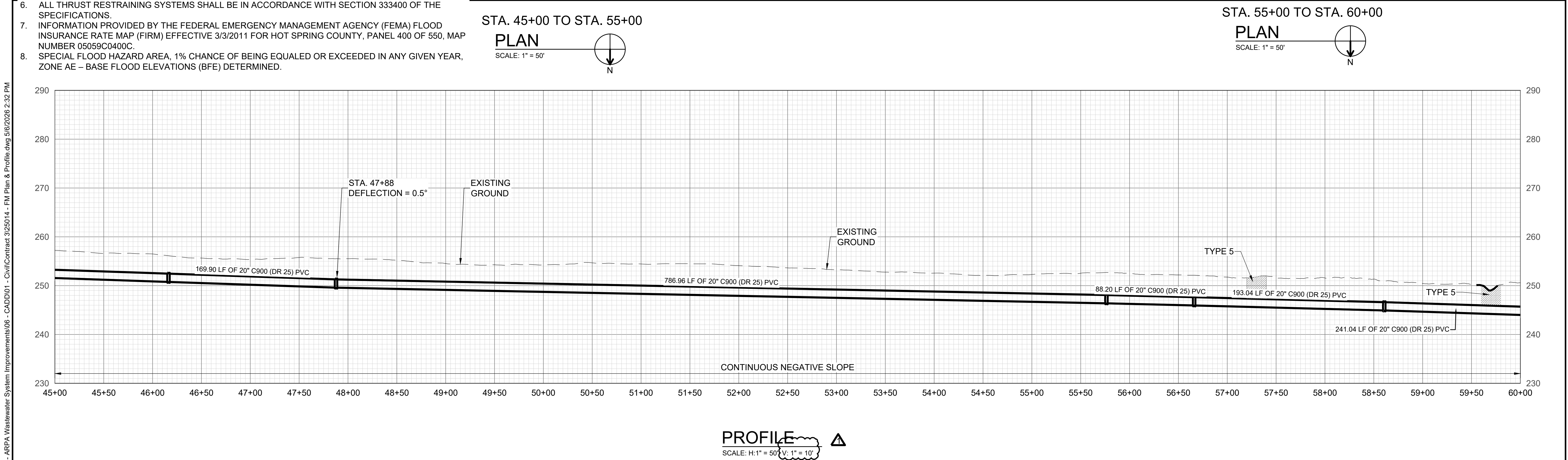
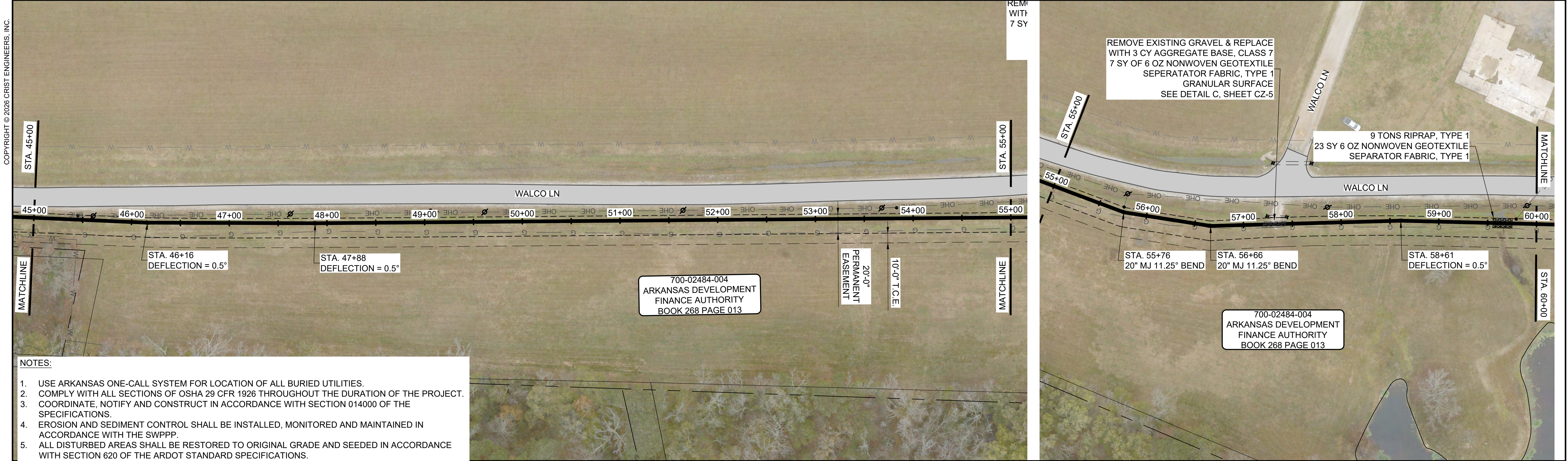
1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

FORCE MAIN PLAN & PROFILE STA. 30+00 TO STA. 45+00

JOB NO.	25014
SHEET NO.	C-11



1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1	
REV. NO.	DATE	DRWN	CHKD	REMARKS	

CERTIFICATE OF AUTHORIZATION

CRIST ENGINEERS, INC.
CONSULTING ENGINEERS
No. 91
ARKANSAS ENGINEER

STATE OF ARKANSAS

LICENSED PROFESSIONAL ENGINEER

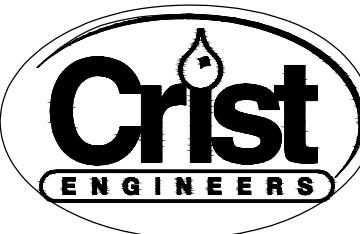
No. 18592

5/11/2026

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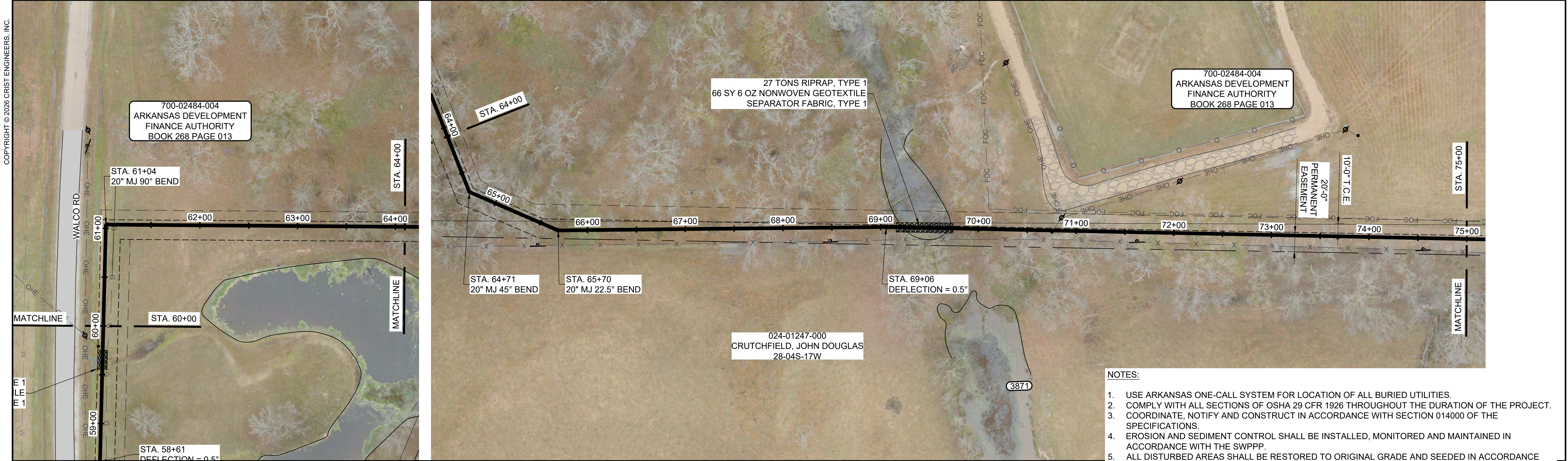
1" = 1"

THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED: MPA		CRIST ENGINEERS, INC. CONSULTING ENGINEERS 1 EXECUTIVE CENTER COURT LITTLE ROCK, ARKANSAS 72211 TELEPHONE: (501) 664-1552 FAX: (501) 664-8579 WWW.CRISTENGINEERS.COM
DRAFTED: SBM		
CHECKED: BNW		
DATE: APR 2026		

MALVERN, ARKANSAS		JOB NO.
SEWER SYSTEM REHABILITATION - PHASE 3		25014
CONTRACT 3A		SHEET NO.
BID SET		C-12

FORCE MAIN PLAN & PROFILE STA. 45+00 TO STA. 60+00		



STA. 60+00 TO STA. 64+00

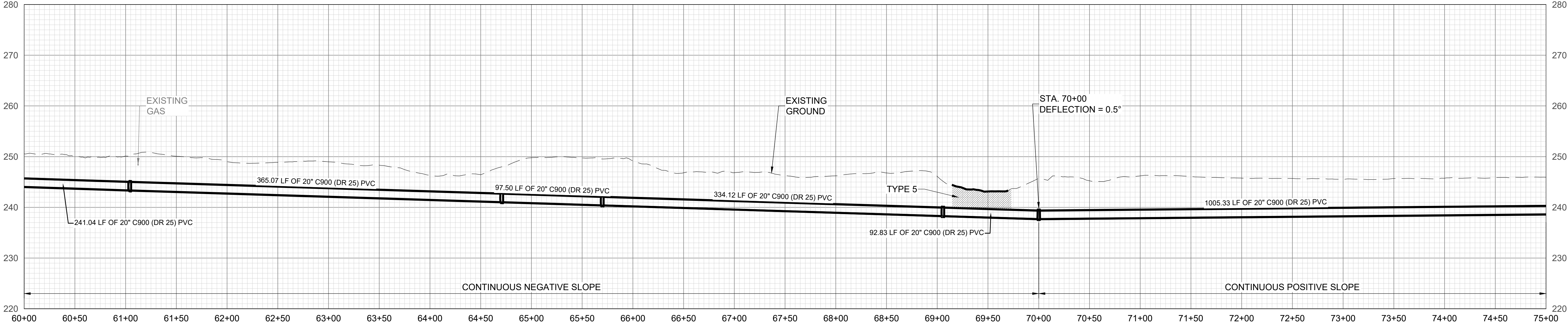
PLAN

SCALE: 1" = 50'

STA. 64+00 TO STA. 75+00

PLAN

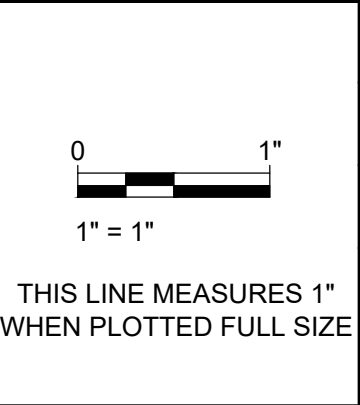
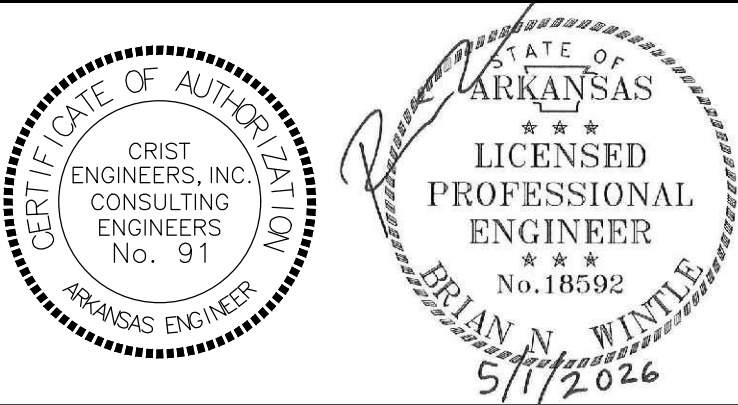
SCALE: 1" = 50'



PROFILE

SCALE: H:1" = 50' V: 1" = 10'

1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1	
REV. NO.	DATE	DRWN	CHKD	REMARKS	

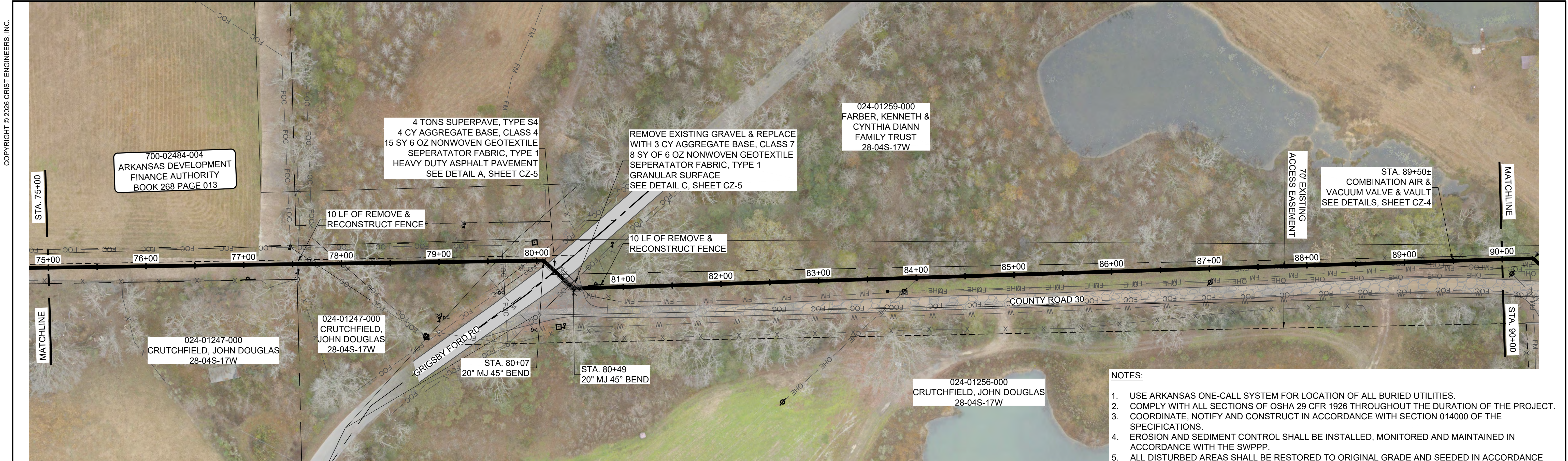


DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026

CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

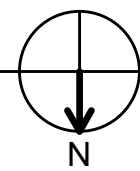
MALVERN, ARKANSAS		JOB NO.
SEWER SYSTEM REHABILITATION - PHASE 3		25014
CONTRACT 3A		SHEET NO.
BID SET		C-13
FORCE MAIN PLAN & PROFILE STA. 60+00 TO STA. 75+00		



STA. 75+00 TO STA. 90+00

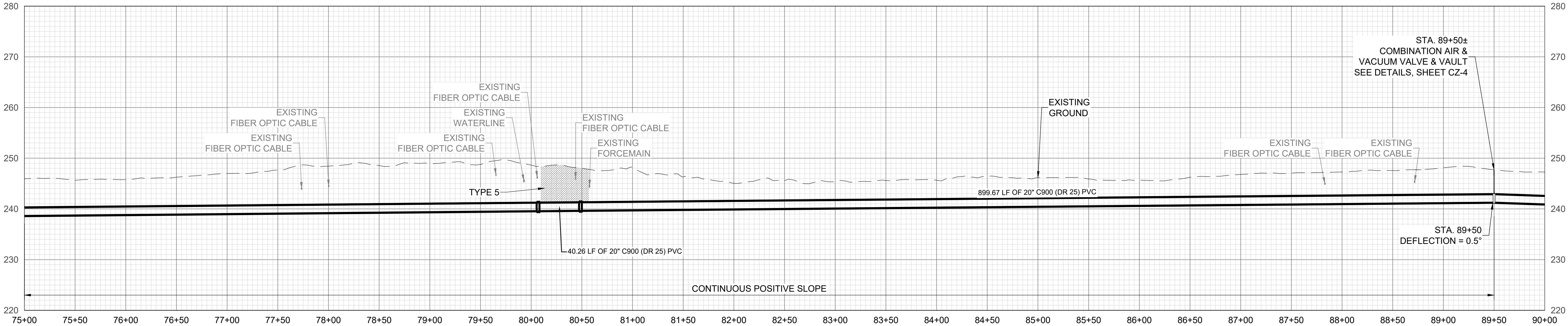
PLAN

SCALE: 1" = 50'



NOTES:

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PROFILE

SCALE: H:1" = 50' V: 1" = 10'



P:\2025 Projects\25014 - Malvern - ARPA Wastewater System Improvements\06 - CADD\01 - Civil\Contract 3\25014 - FM Plan & Profile.dwg 5/6/2026 2:25 PM

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



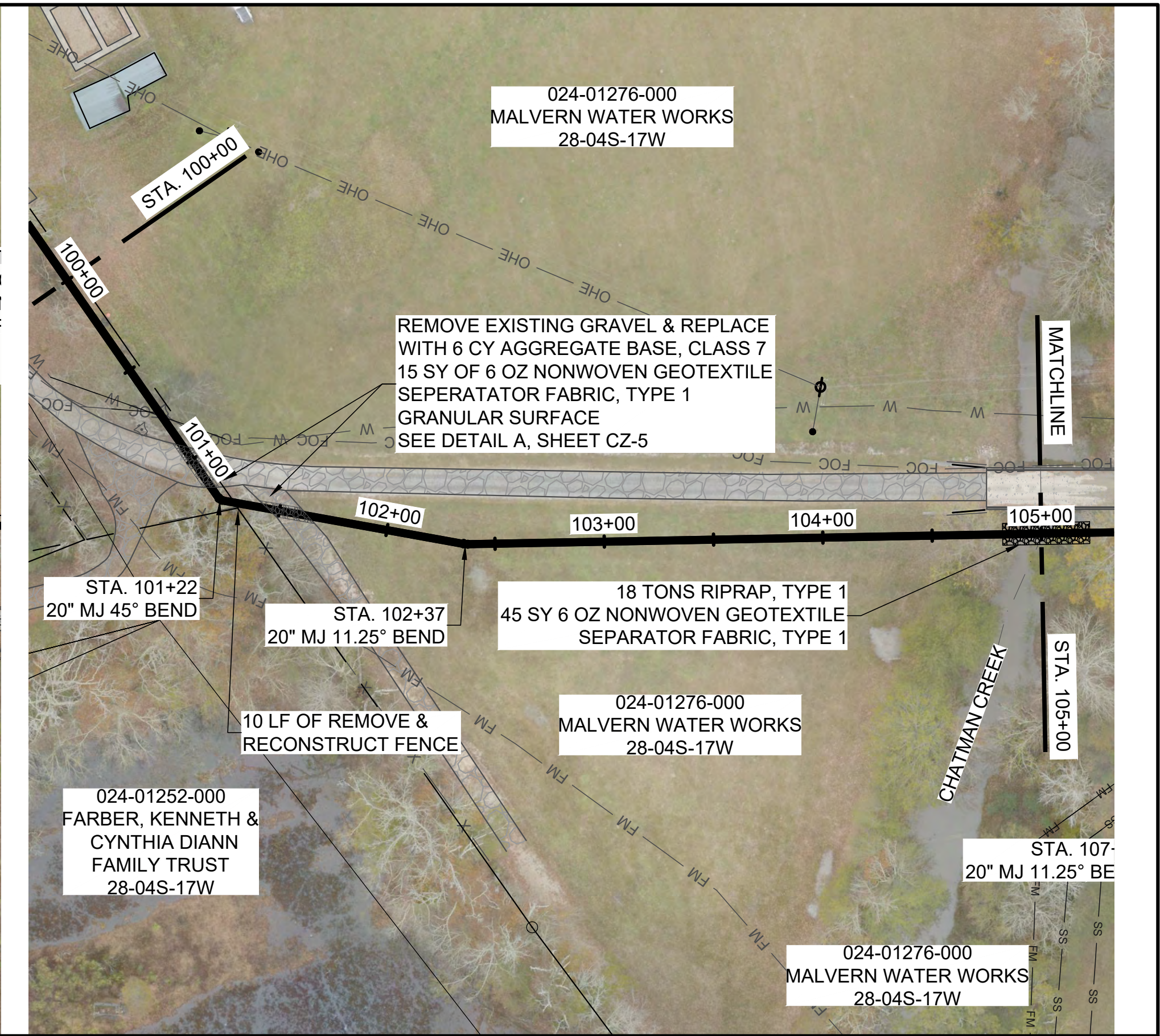
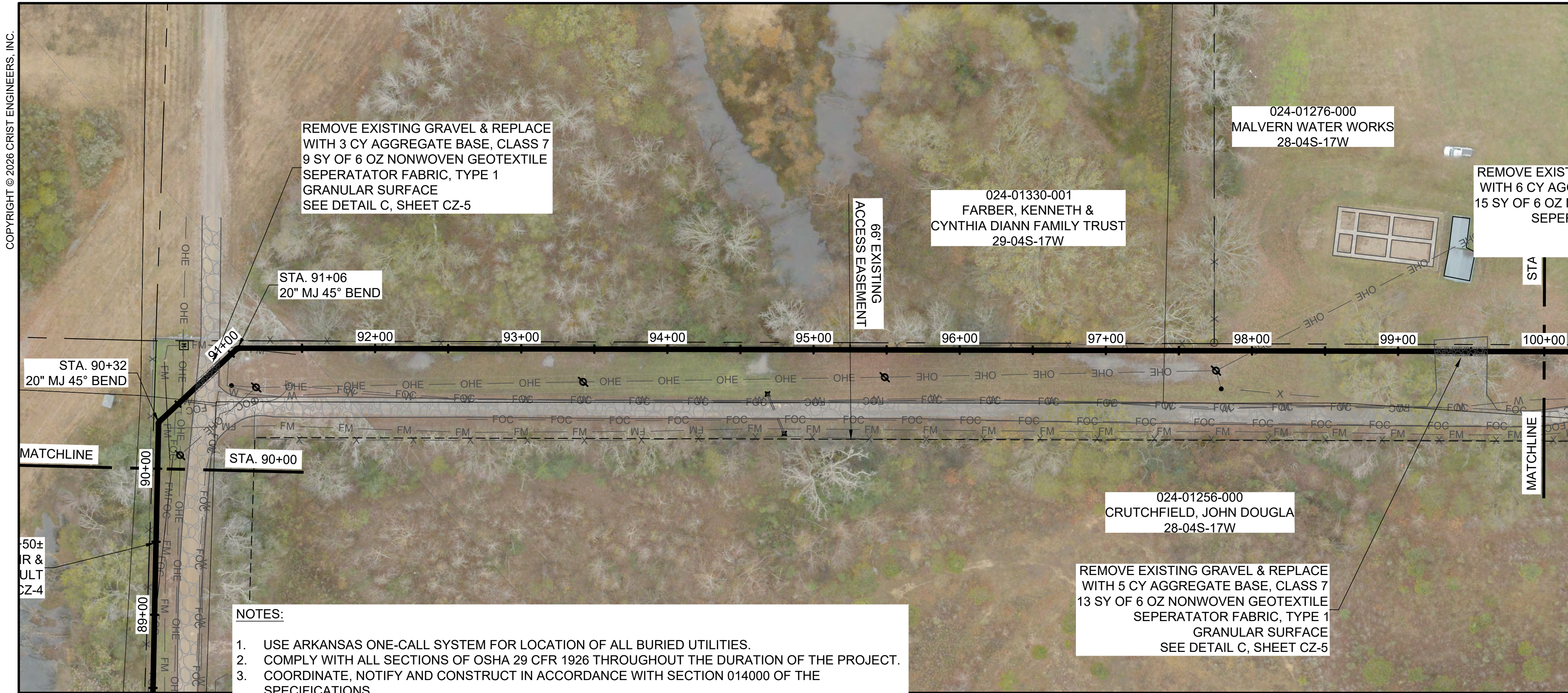
CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

FORCE MAIN PLAN & PROFILE STA. 75+00 TO STA. 90+00

JOB NO.
25014
SHEET NO.
C-14



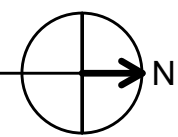
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STA. 90+00 TO STA. 100+00

PLAN

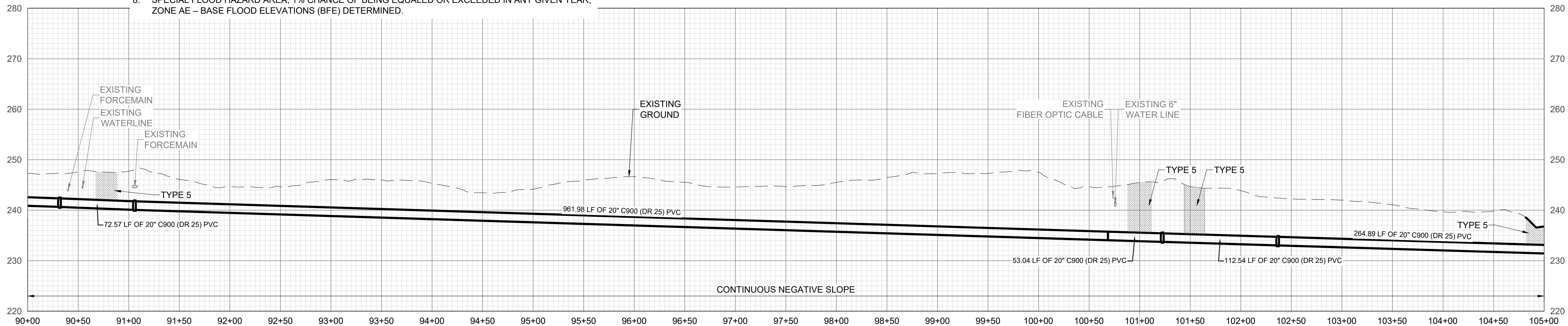
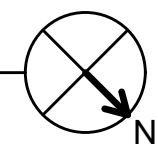
SCALE: 1" = 50'



STA. 100+00 TO STA. 105+00

PLAN

SCALE: 1" = 50'



PROFILE

SCALE: H:1" = 50' V: 1" = 10'



0 1"
1" = 1"
THIS LINE MEASURES 1"
WHEN PLOTTED FULL SIZE

DESIGNED: MPA
DRAFTED: SBM
CHECKED: BNW
DATE: APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

FORCE MAIN PLAN & PROFILE STA. 90+00 TO STA. 105+00

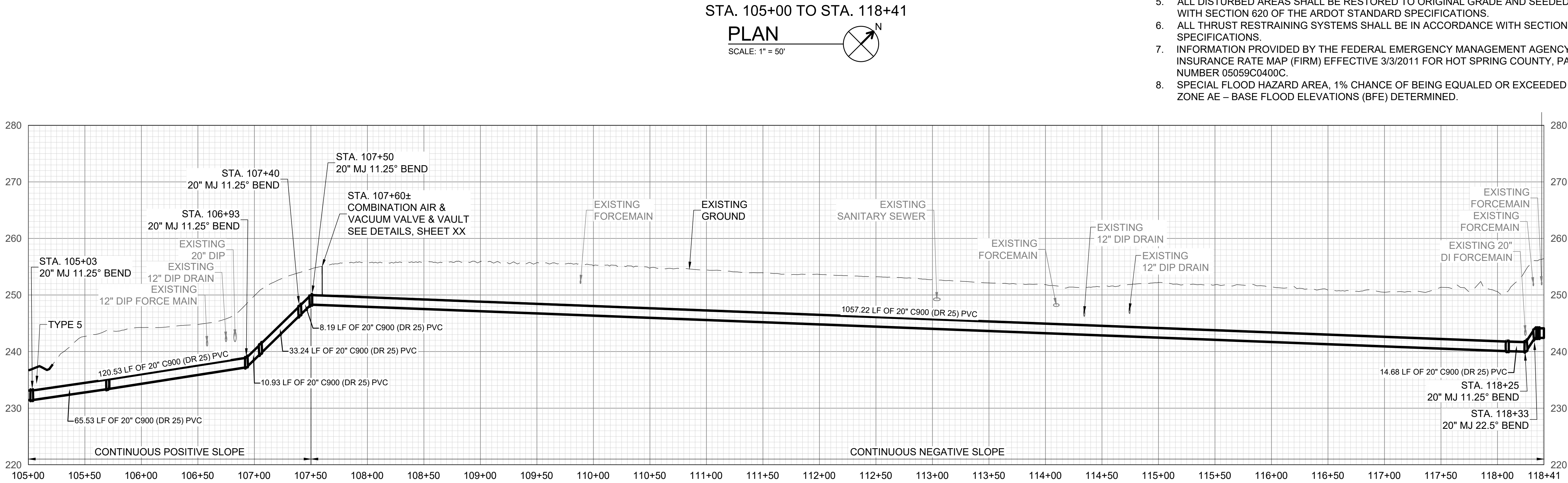
JOB NO.
25014

SHEET NO.

C-15



- NOTES:
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PROFILE
SCALE: H:1" = 50' V: 1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS
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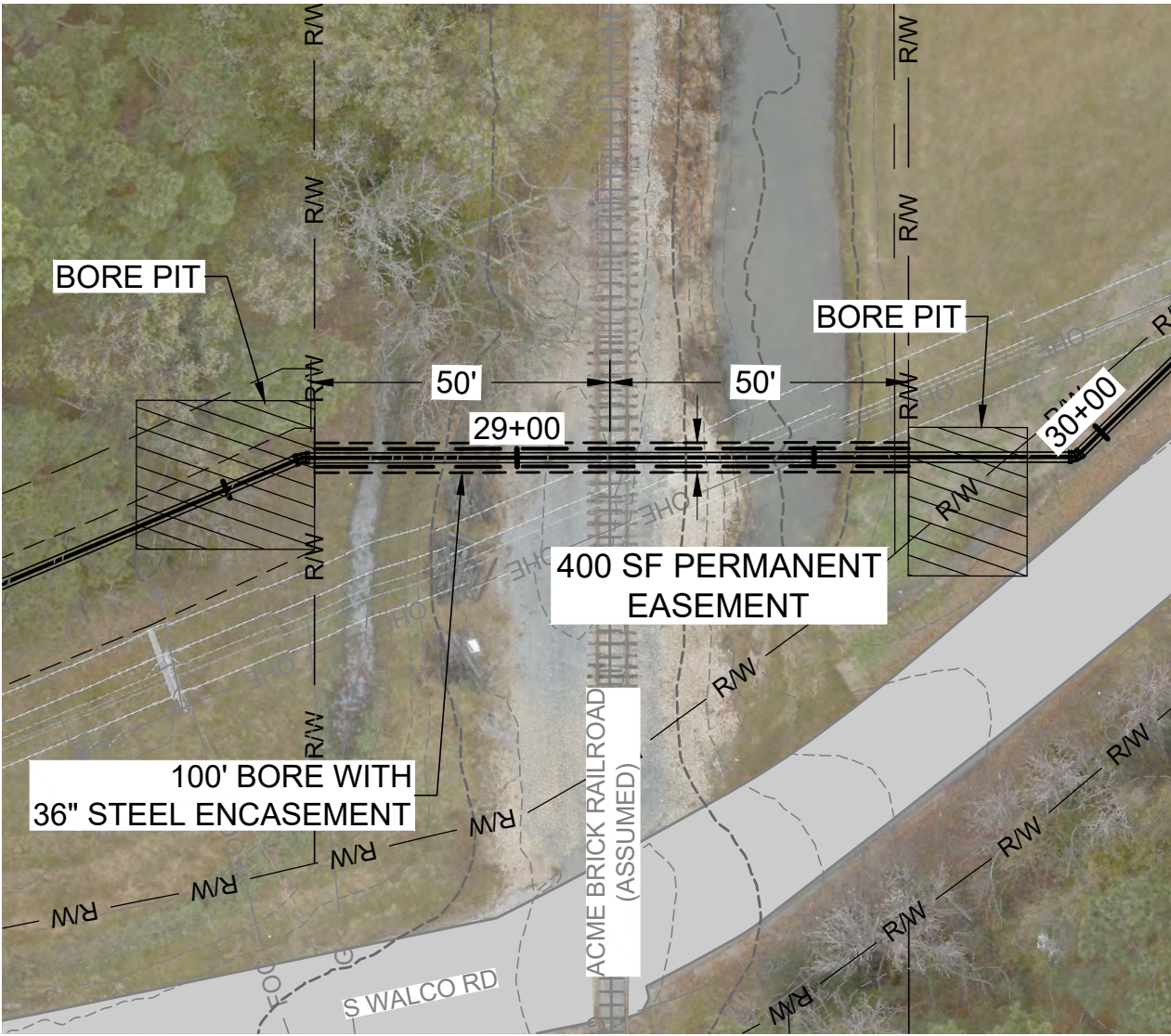
MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

FORCE MAIN PLAN & PROFILE STA. 105+00 TO STA. 118+41

JOB NO.
25014
SHEET NO.
C-16

NOTES

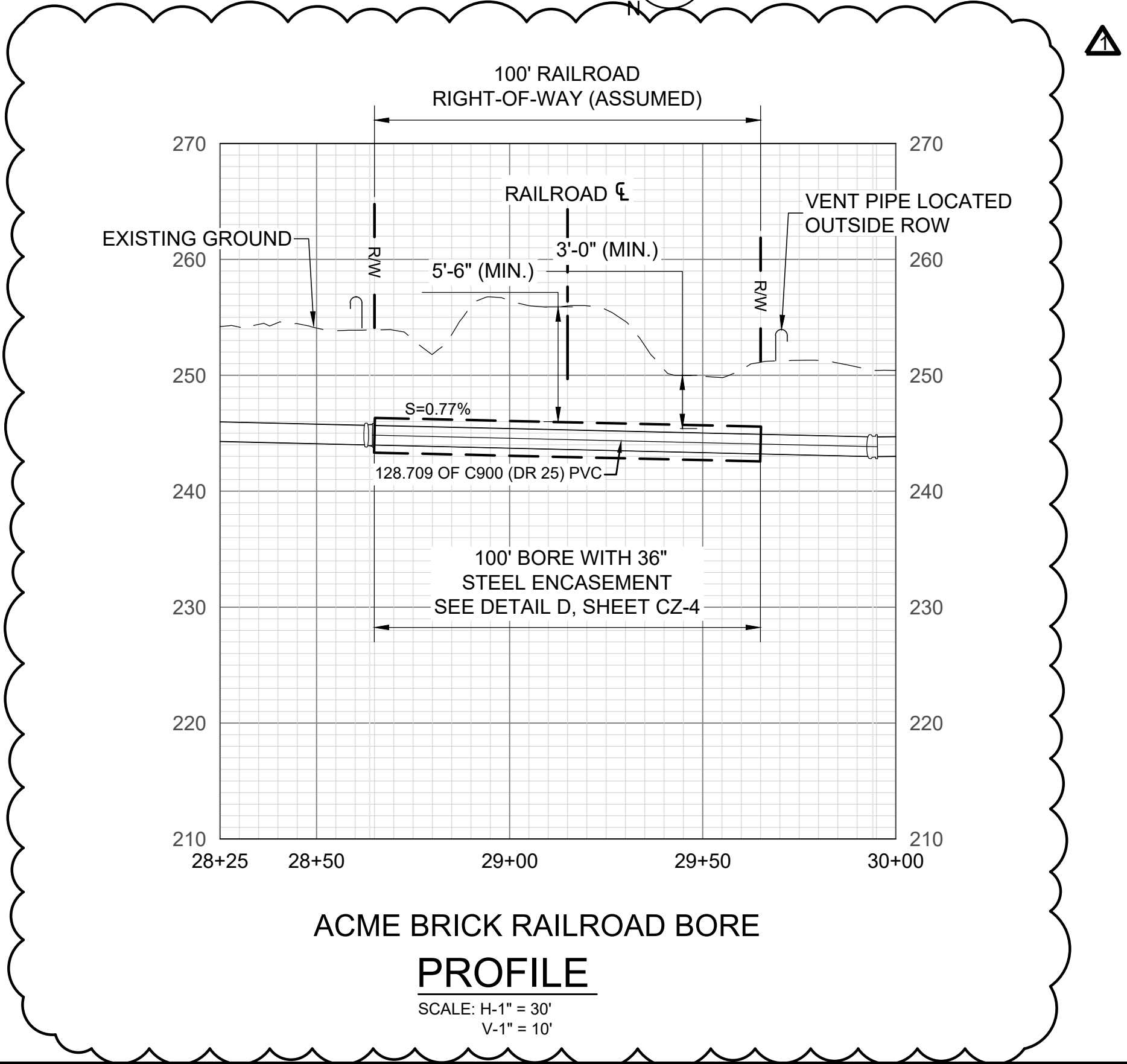
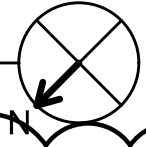
1. THE CONTRACTOR SHALL PROVIDE ALL DOCUMENTATION, NOTIFICATIONS, OR OTHERWISE IN ACCORDANCE WITH SECTION 014000 OF THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL CONDUCT ALL WORK IN ACCORDANCE WITH THE PERMIT STIPULATIONS, AGREEMENTS, TERMS OF THE EASEMENTS, LETTERS OF NO OBJECTION, OR ANY OTHER DOCUMENT INCLUDED BY REFERENCE OR PROVIDED IN THE APPENDICES.
3. THE DOCUMENTS INCLUDED BY REFERENCE OR PROVIDED IN THE APPENDICES SHALL GOVERN, EXCEPT WHEN OTHER SECTIONS OF THE CONTRACT DOCUMENTS REQUIRE A HIGHER STANDARD THAN THOSE INCLUDED BY REFERENCE OR PROVIDED IN THE APPENDICES, THEN THOSE OTHER SECTIONS SHALL GOVERN.



ACME BRICK RAILROAD BORE

PLAN

SCALE: 1" = 30'

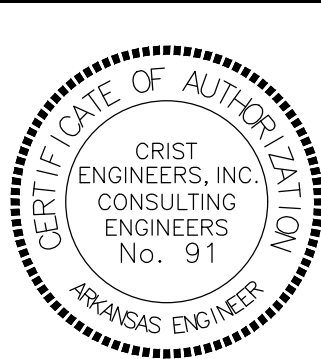


ACME BRICK RAILROAD BORE

PROFILE

SCALE: H-1" = 30'
V-1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS

1 EXECUTIVE CENTER COURT
LITTLE ROCK, ARKANSAS 72211
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WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

ACME BRICK - RAILROAD BORE DETAILS - FORCE MAIN

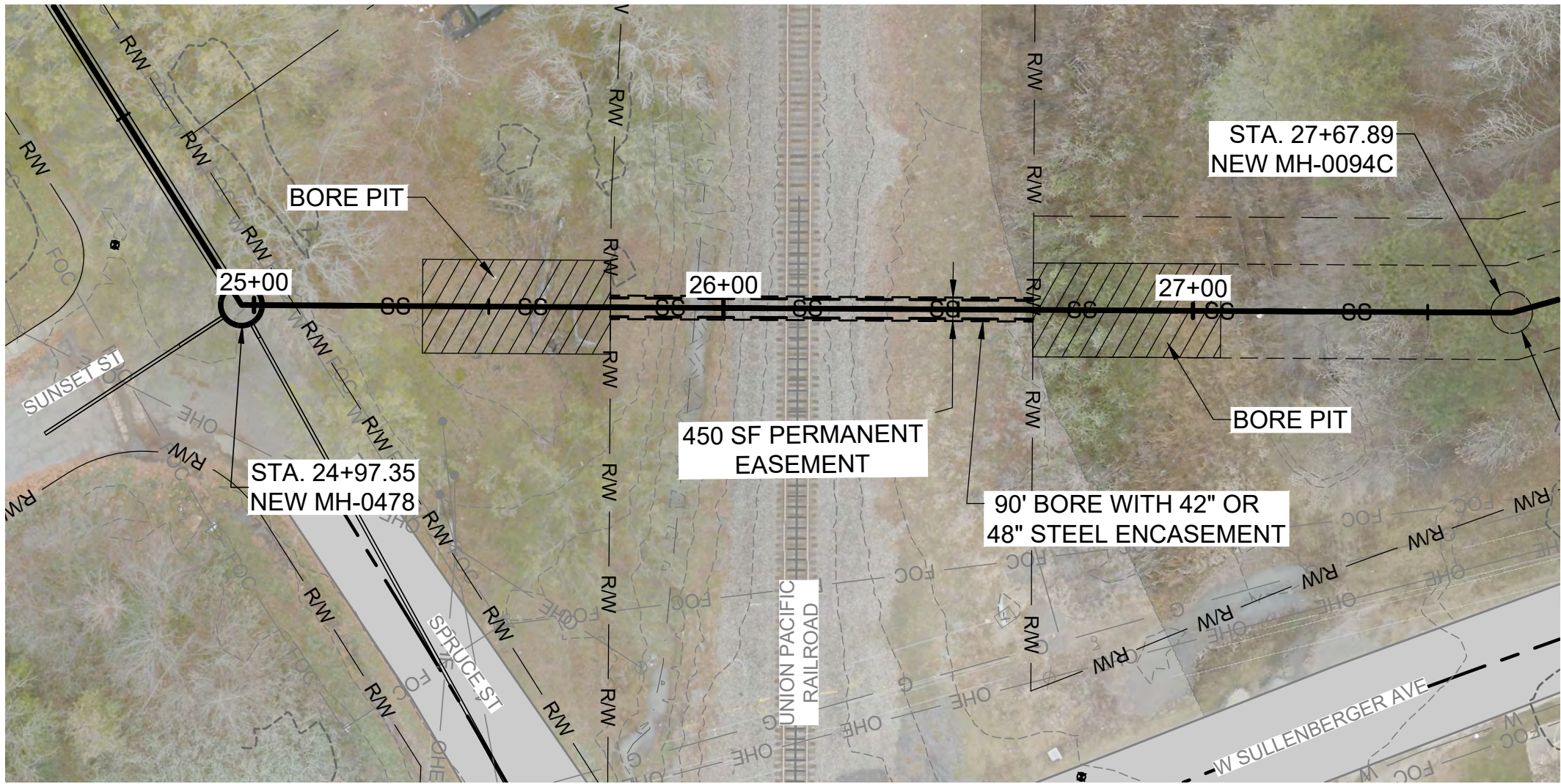
JOB NO.
25014

SHEET NO.

C-17

NOTES

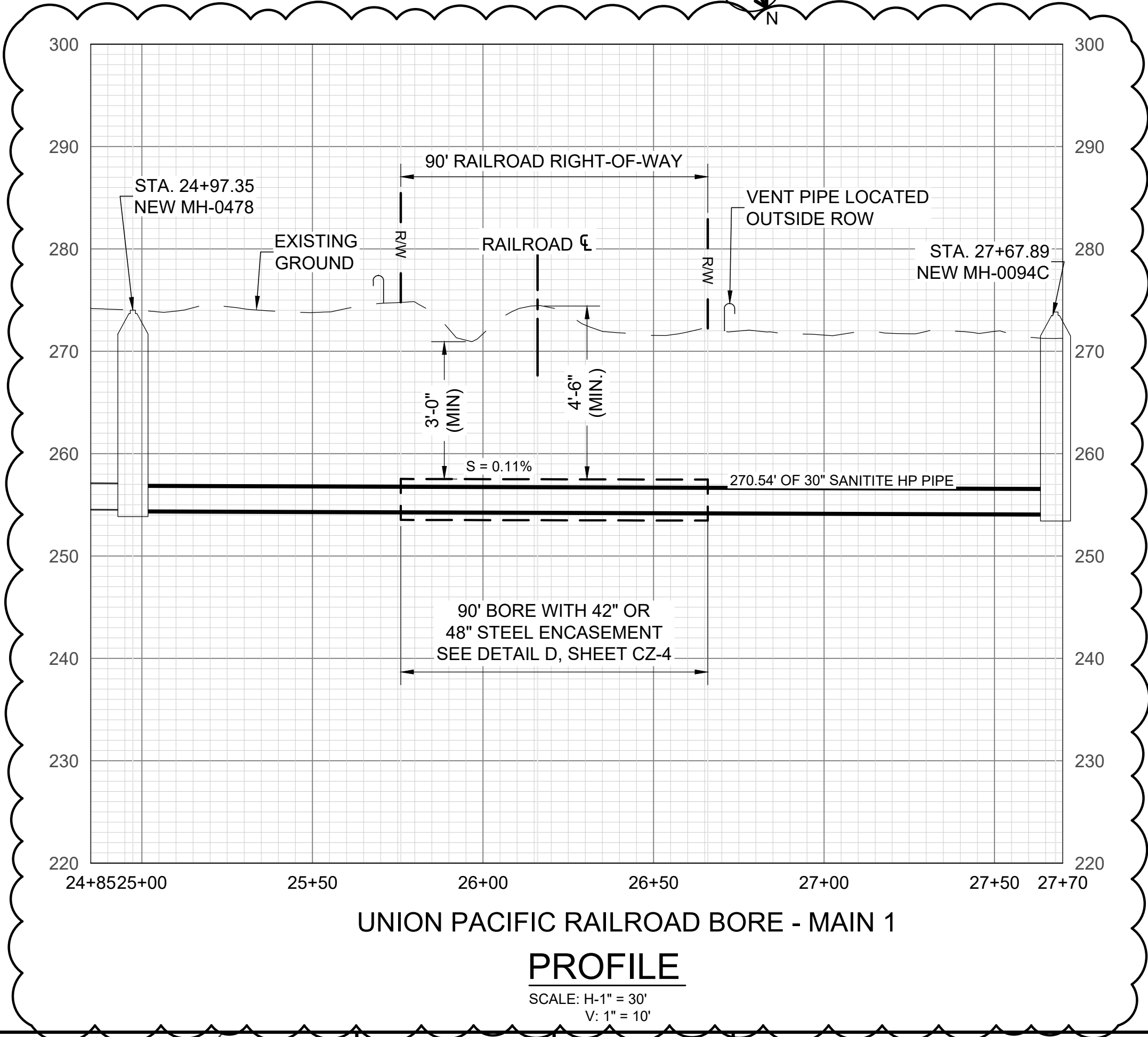
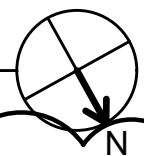
1. THE CONTRACTOR SHALL PROVIDE ALL DOCUMENTATION, NOTIFICATIONS, OR OTHERWISE IN ACCORDANCE WITH SECTION 014000 OF THE CONTRACT DOCUMENTS.
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UNION PACIFIC RAILROAD BORE - MAIN 1

PLAN

SCALE: 1" = 30'

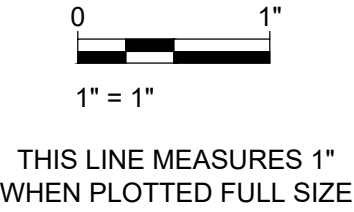


UNION PACIFIC RAILROAD BORE - MAIN 1

PROFILE

SCALE: H-1" = 30'
V: 1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



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WWW.CRISTENGINEERS.COM

MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A

BID SET

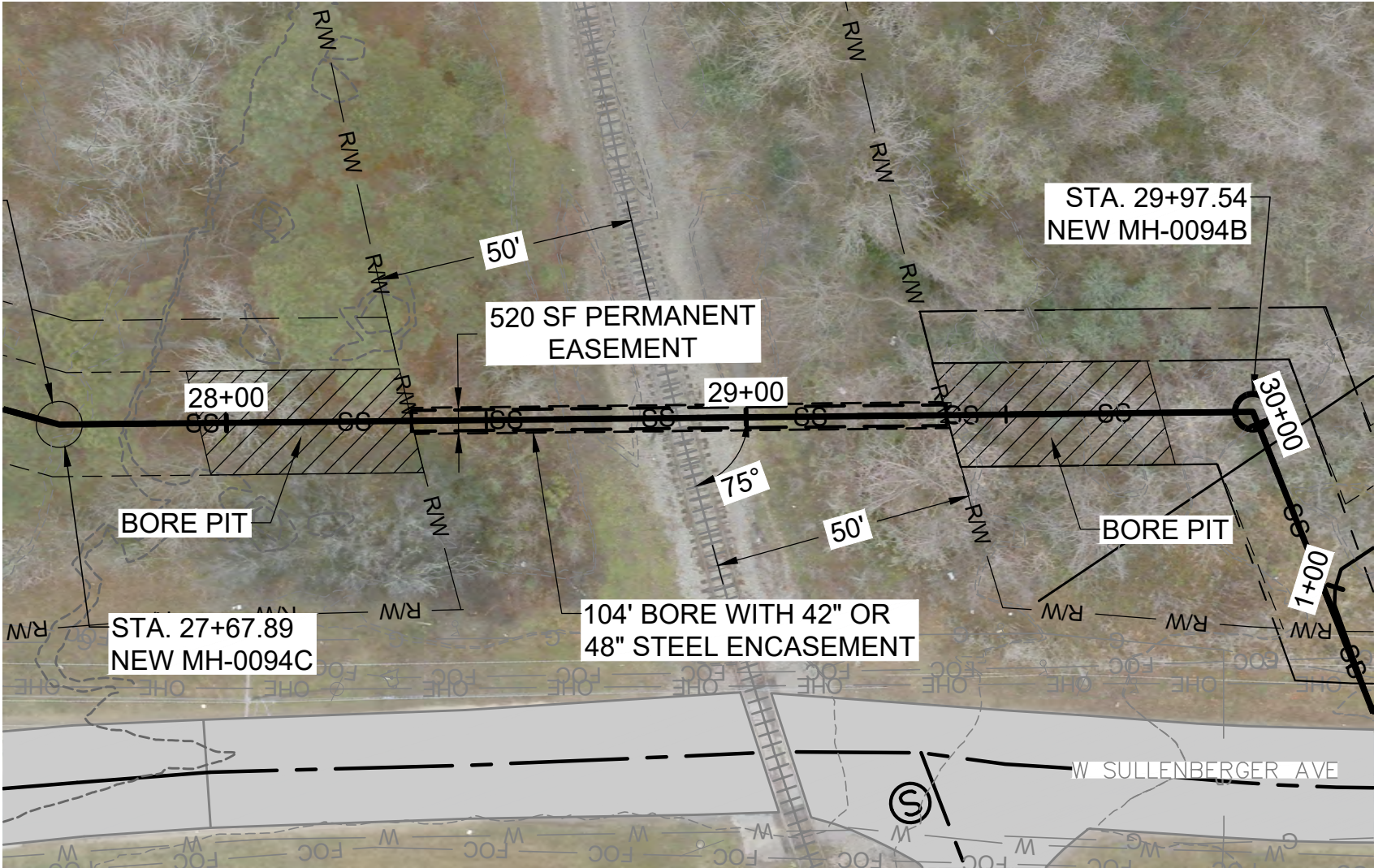
UNION PACIFIC - RAILROAD BORE DETAILS - MAIN 1

JOB NO.
25014

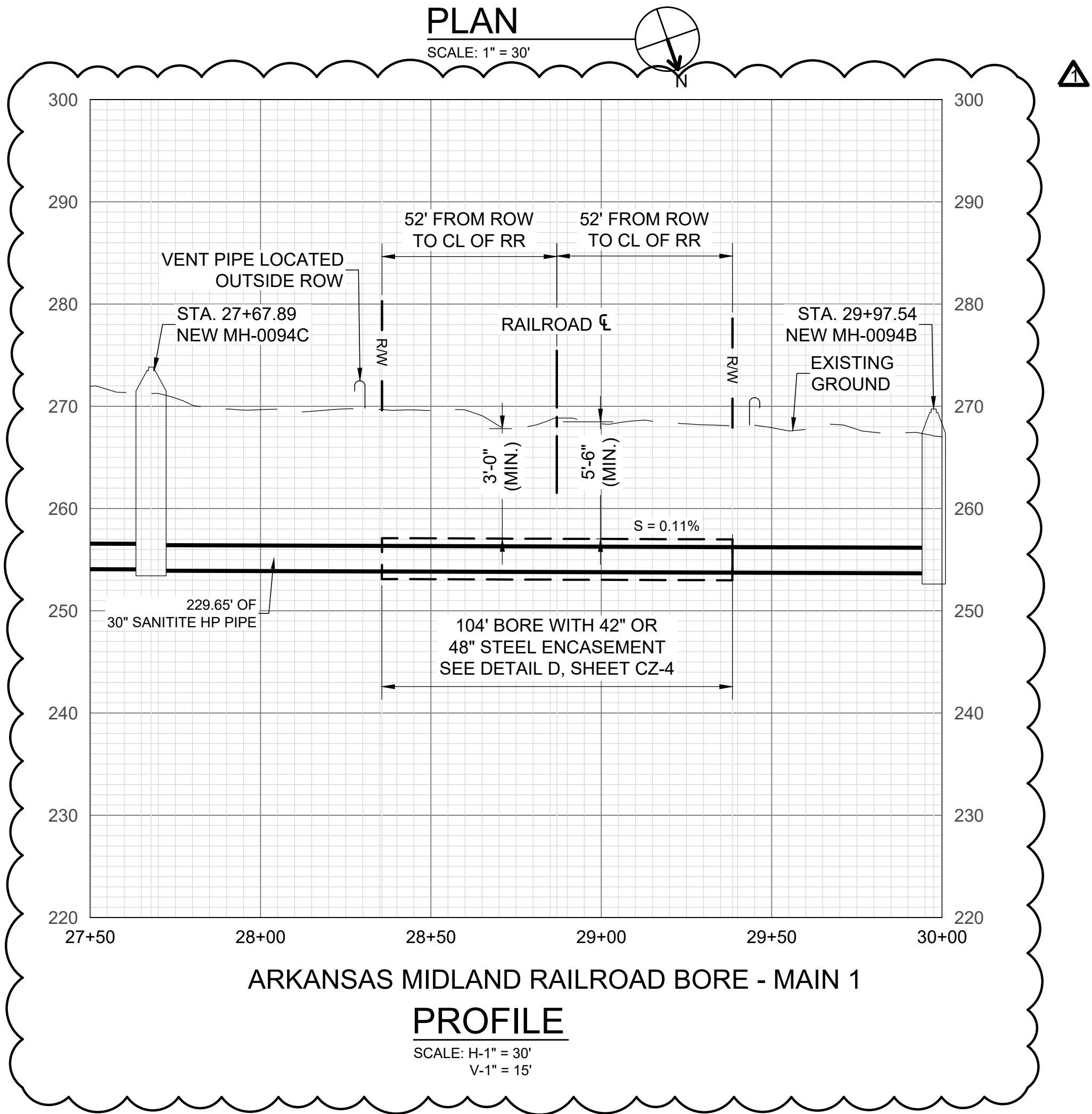
SHEET NO.

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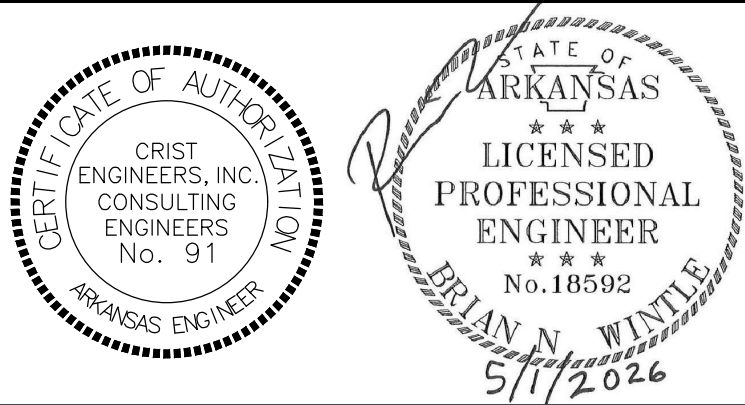
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ARKANSAS MIDLAND RAILROAD BORE - MAIN 1



1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1
REV. NO.	DATE	DRWN	CHKD	REMARKS



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



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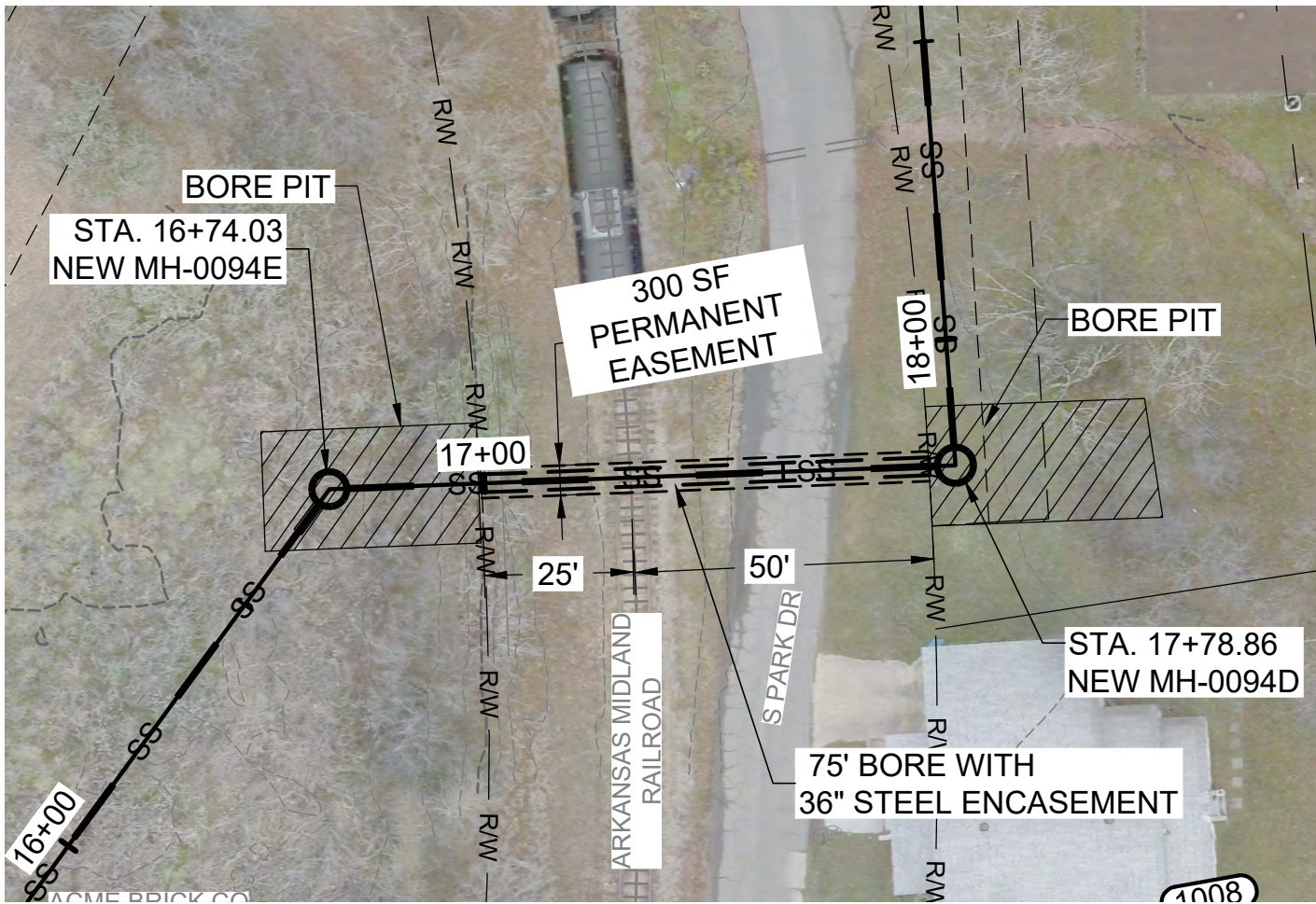
MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

ARKANSAS MIDLAND RAILROAD - BORE DETAILS - MAIN 1

JOB NO.
25014
SHEET NO.
C-19

NOTES

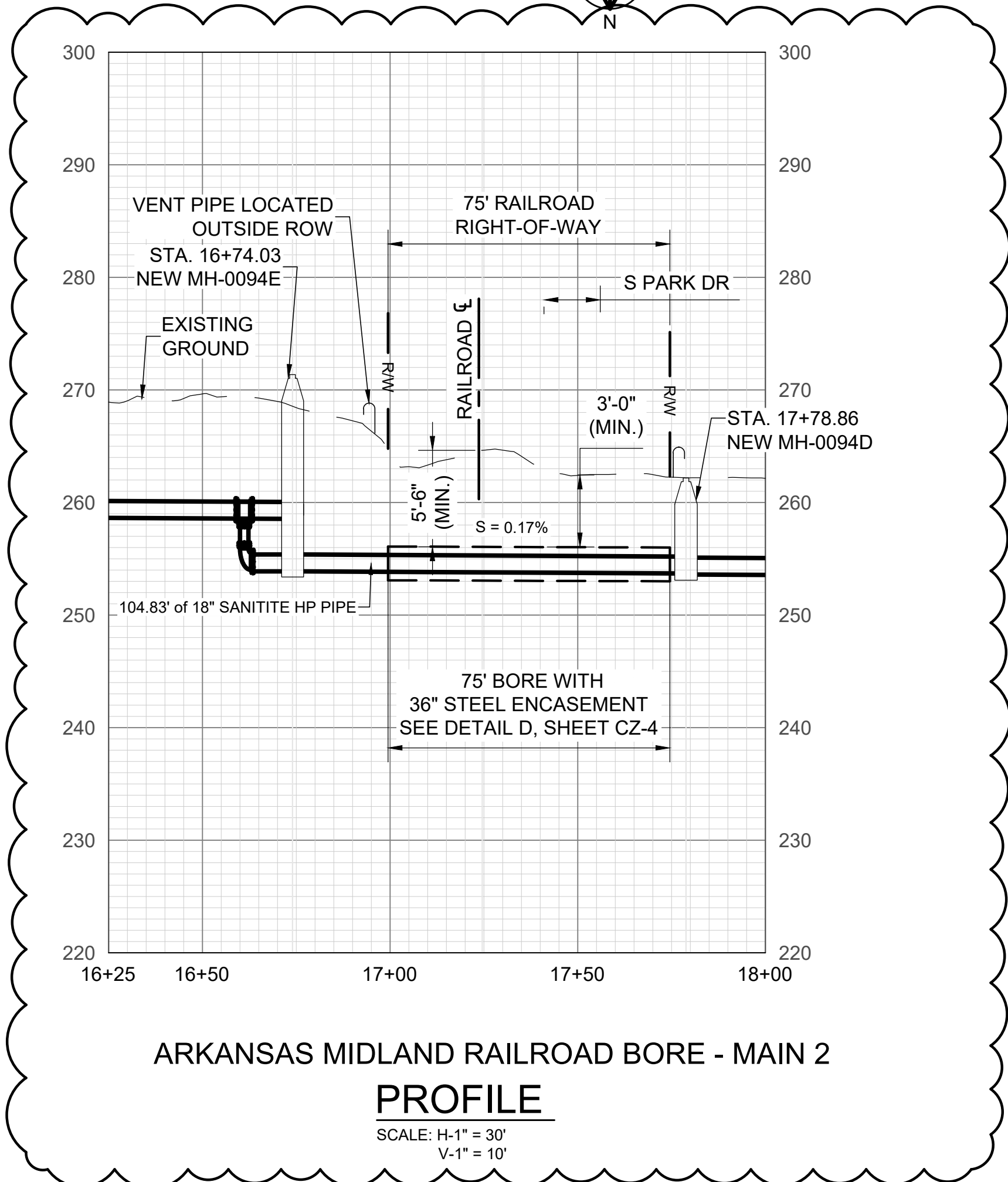
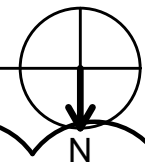
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ARKANSAS MIDLAND RAILROAD BORE - MAIN 2

PLAN

SCALE: 1" = 30'

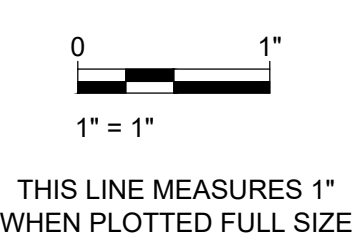
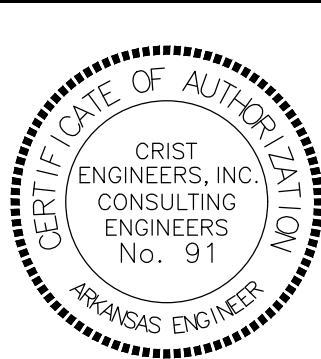


ARKANSAS MIDLAND RAILROAD BORE - MAIN 2

PROFILE

SCALE: H-1" = 30'
V-1" = 10'

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



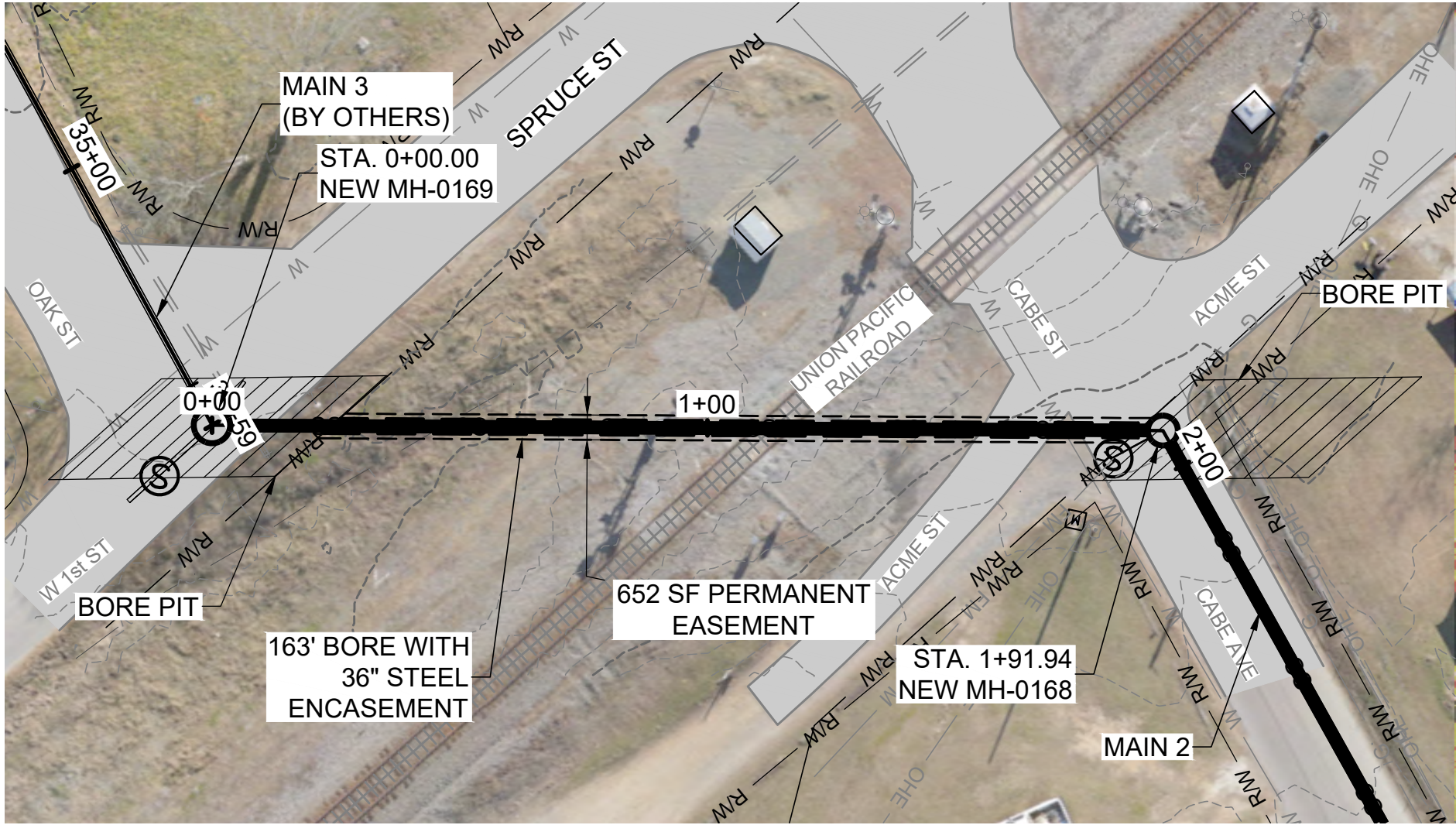
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SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

ARKANSAS MIDLAND RAILROAD - BORE DETAILS - MAIN 2

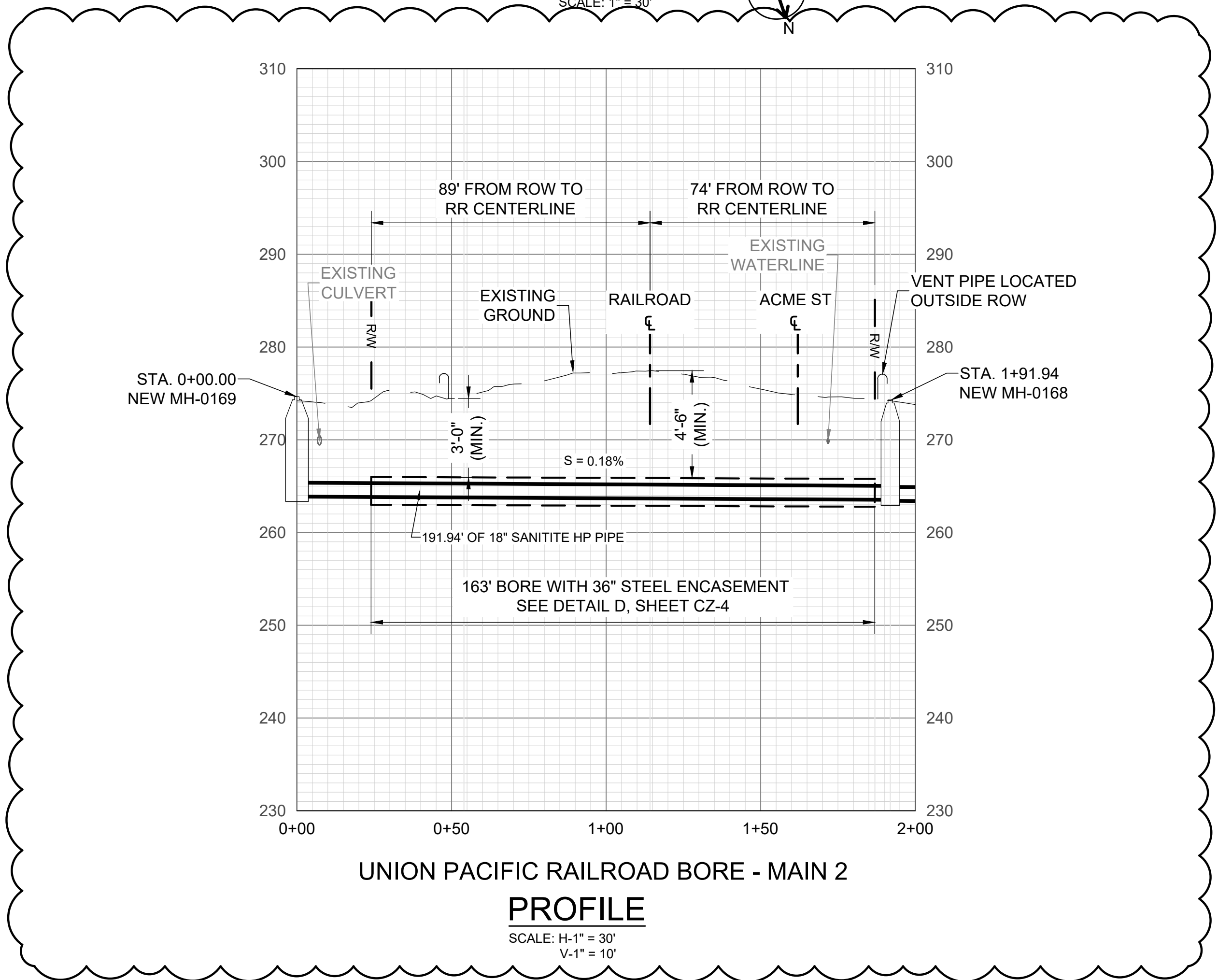
JOB NO.
25014
SHEET NO.
C-20



UNION PACIFIC RAILROAD BORE - MAIN 2

PLAN

SCALE: 1" = 30'



UNION PACIFIC RAILROAD BORE - MAIN 2

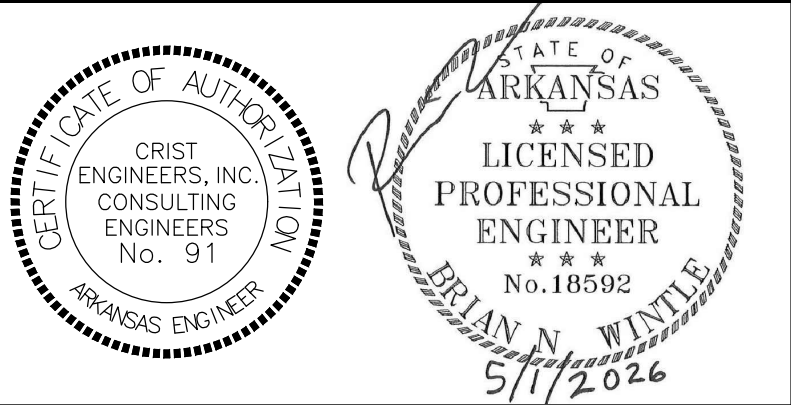
PROFILE

SCALE: H-1" = 30'
V-1" = 10'

NOTES

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REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
THIS LINE MEASURES 1" WHEN PLOTTED FULL SIZE

DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026



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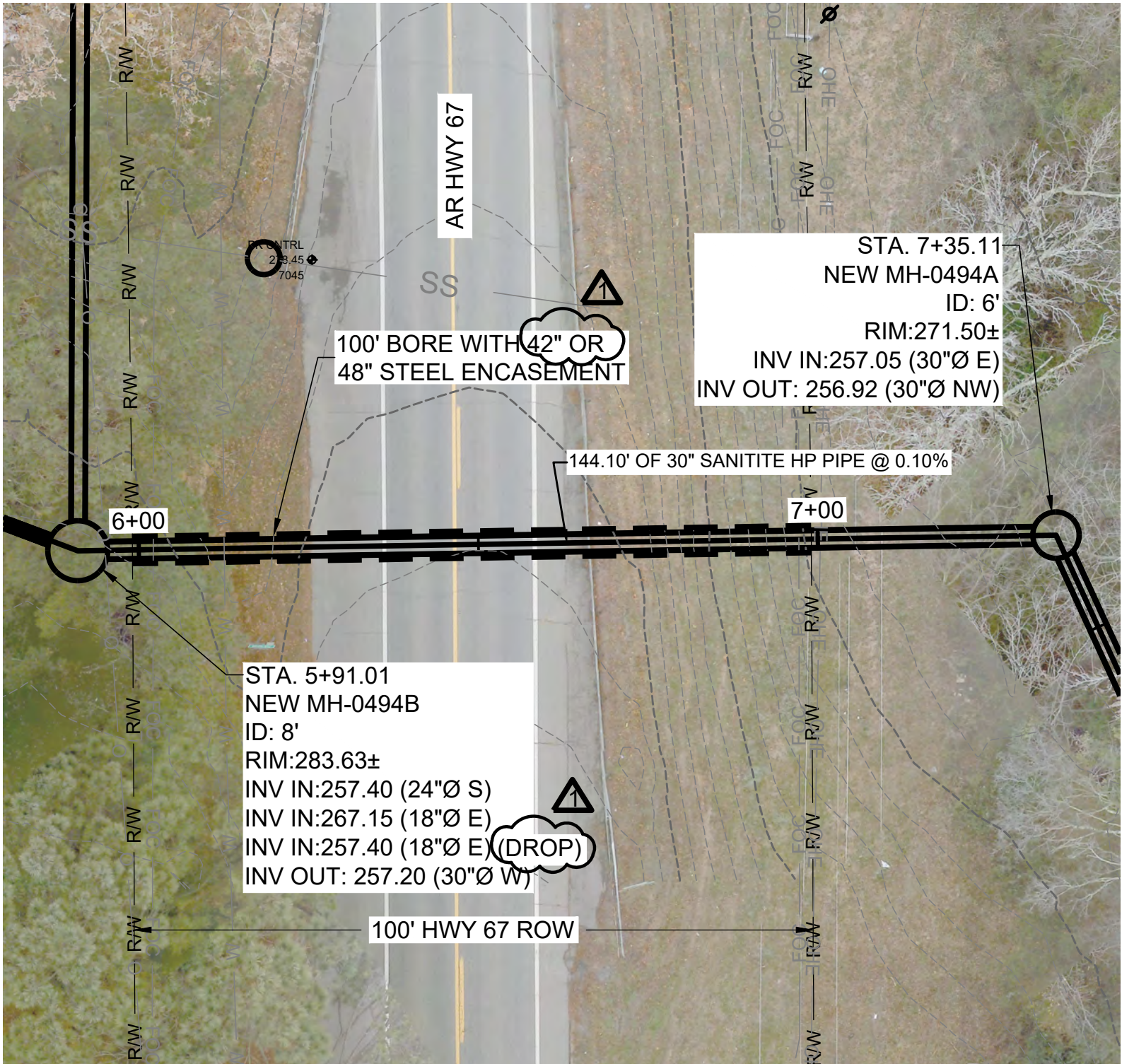
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CONTRACT 3A

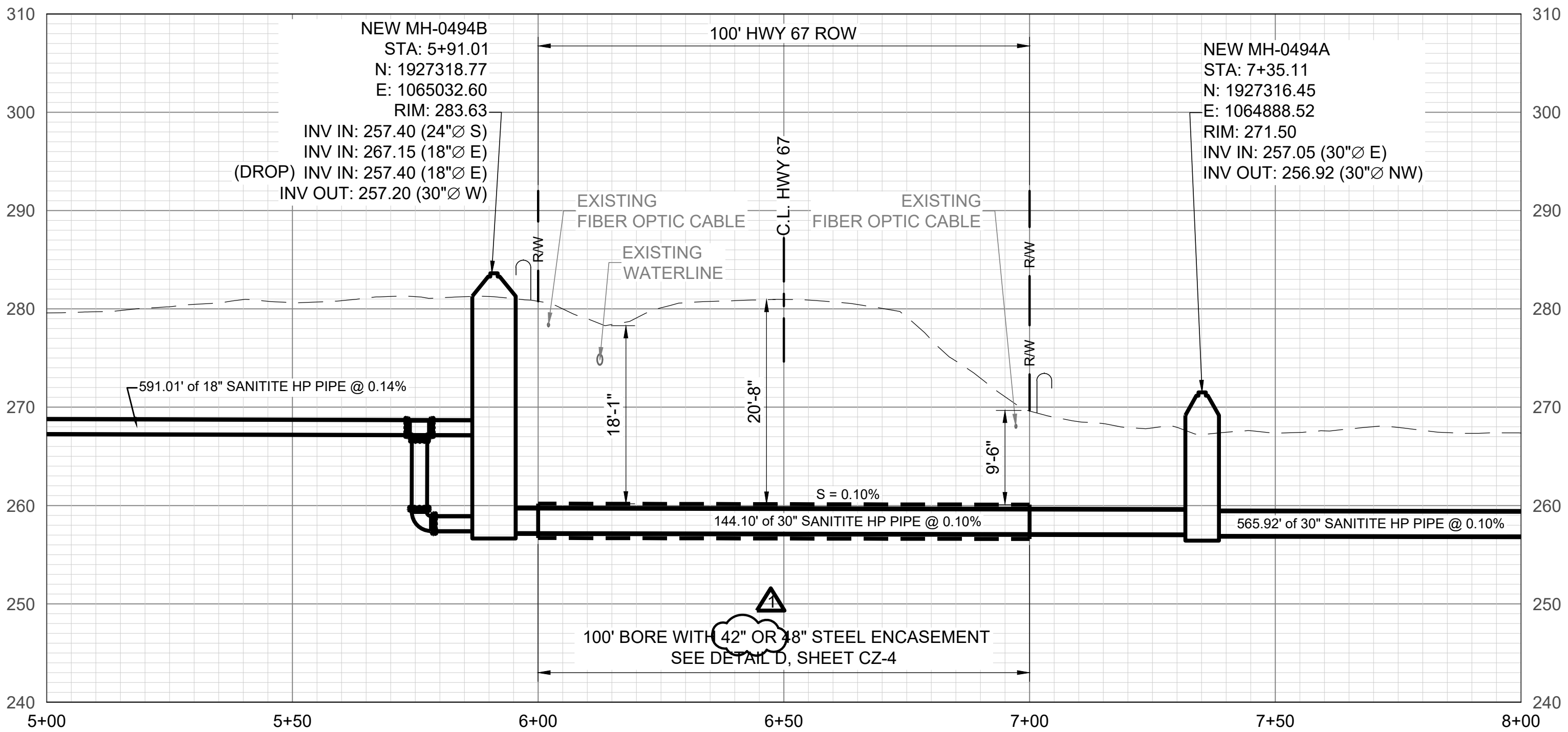
BID SET

UNION PACIFIC - RAILROAD BORE DETAILS - MAIN 2

JOB NO.	25014
SHEET NO.	C-21



PLAN
SCALE: 1" = 20'



PROFILE
SCALE: H: 1" = 20' V: 1" = 10'

NOTES

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REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



0 1"
1" = 1"
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DESIGNED:	MPA
DRAFTED:	SBM
CHECKED:	BNW
DATE:	APR 2026

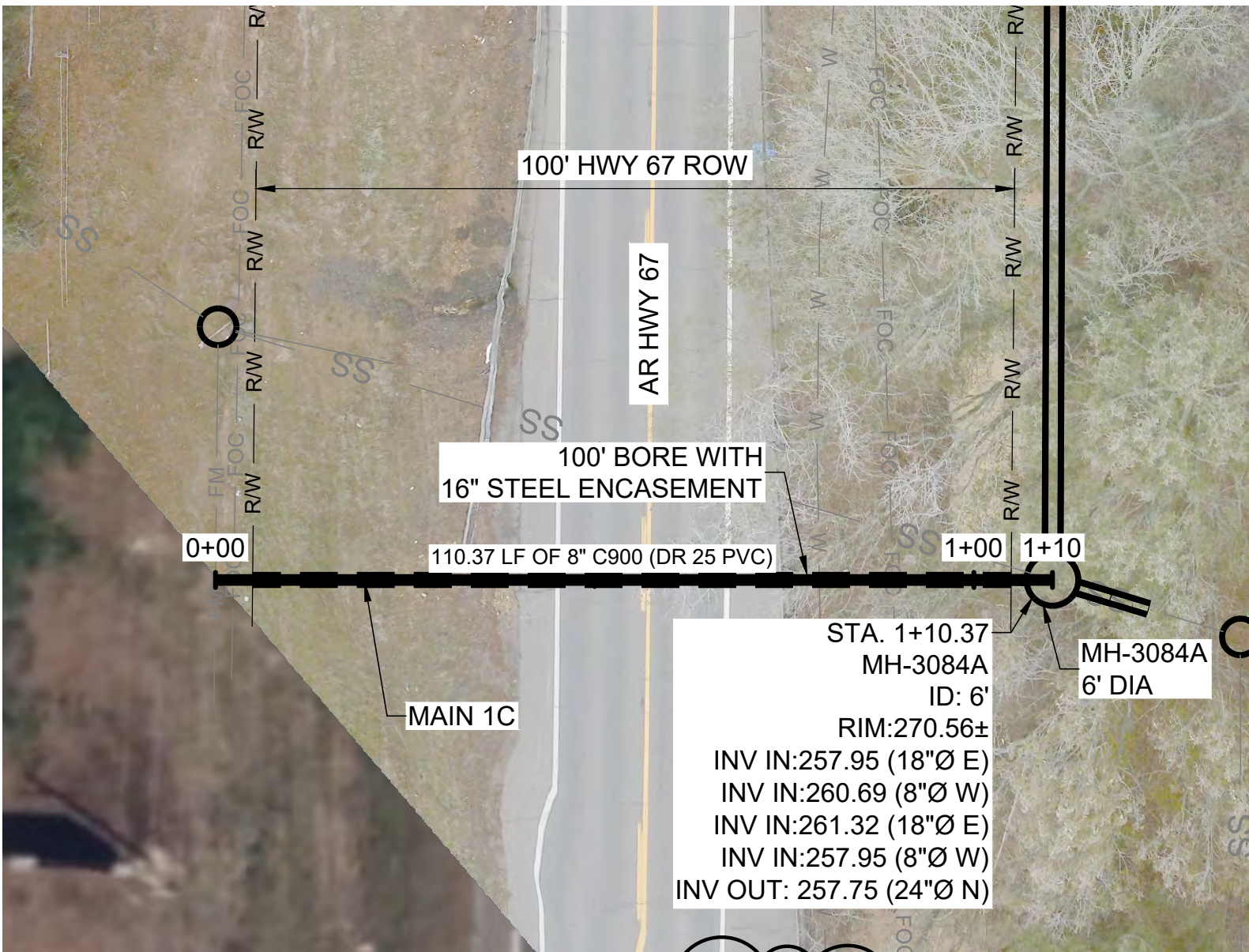


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MALVERN, ARKANSAS
SEWER SYSTEM REHABILITATION - PHASE 3
CONTRACT 3A
BID SET

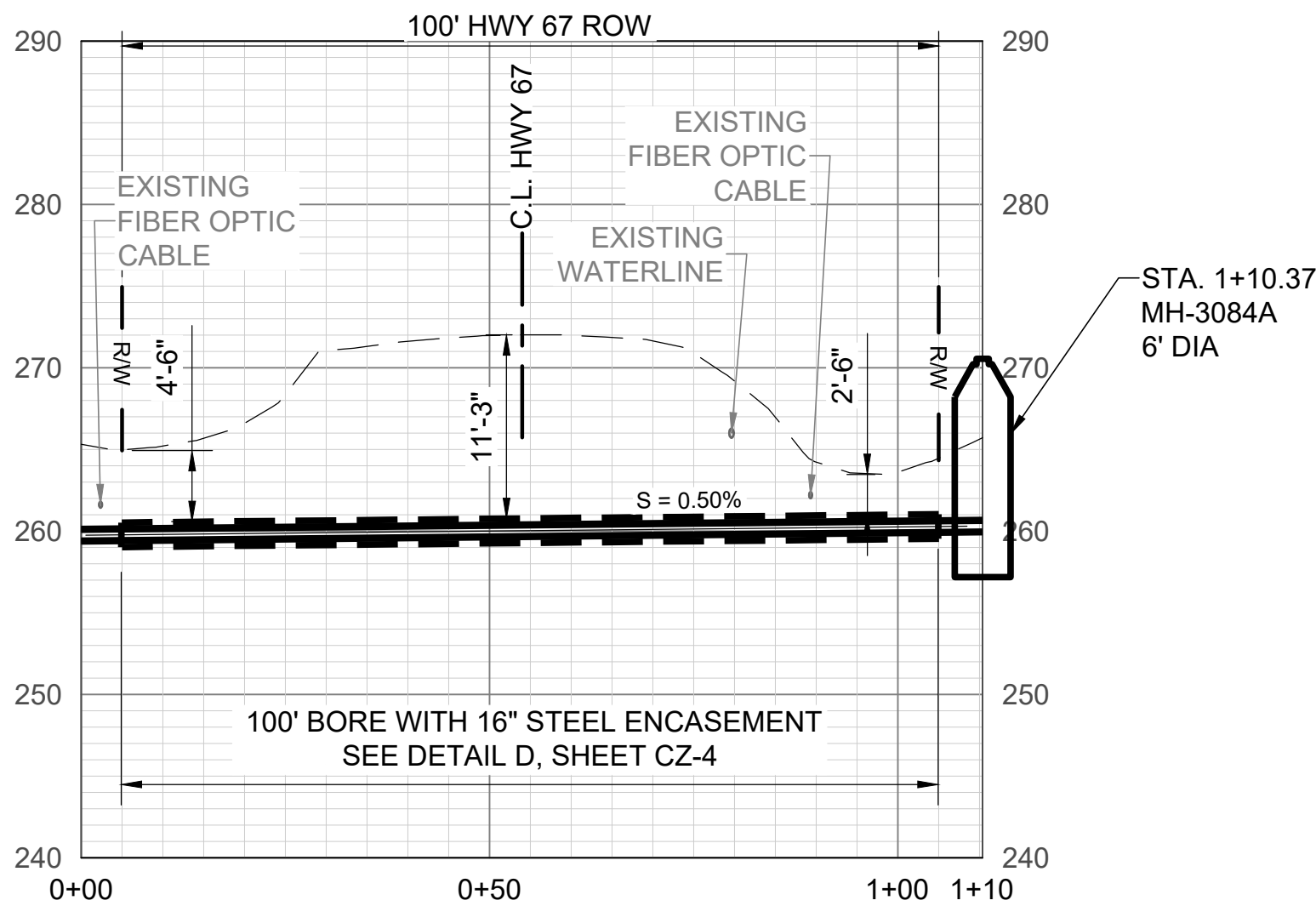
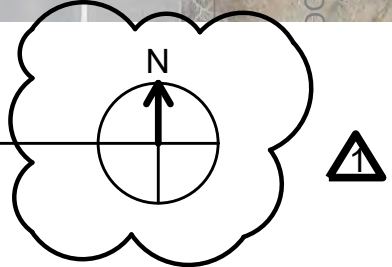
ARDOT - HWY 67 BORE DETAILS - MAIN 1

JOB NO.
25014
SHEET NO.
C-22



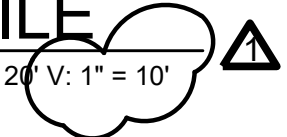
PLAN

SCALE: 1" = 20'

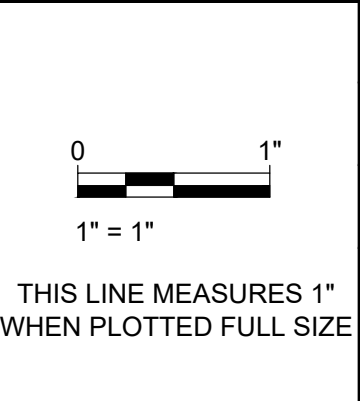


PROFILE

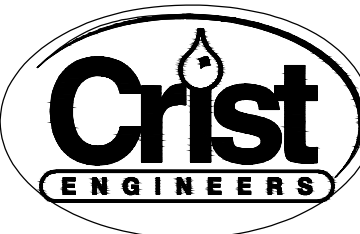
SCALE: H: 1" = 20' V: 1" = 10'



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/6/26	SBM	MPA	CONFORMED PER ADDENDUM NO. 1



DESIGNED:	MPA
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MALVERN, ARKANSAS	JOB NO.
SEWER SYSTEM REHABILITATION - PHASE 3	25014
CONTRACT 3A	SHEET NO.
BID SET	C-23
ARDOT - HWY 67 BORE DETAILS - FORCE MAIN 1C	