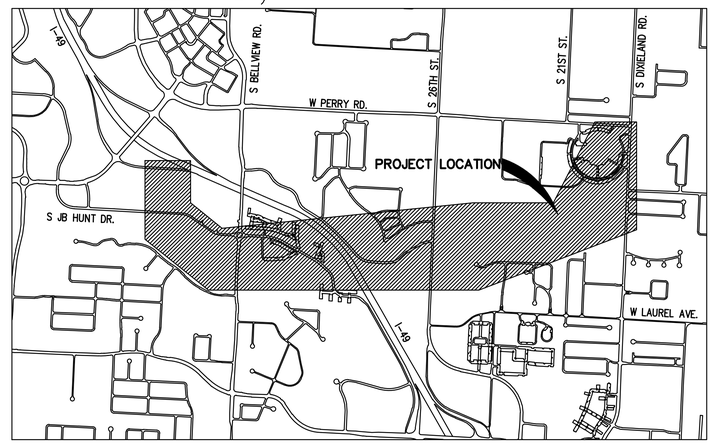
ROGERS WATER UTILITIES
BLOSSOM WAY SEWER MAIN CONSTRUCTION
ROGERS, ARKANSAS

LEGEND (EXISTING SYMBOLS)

SYMBOLS	LINEWORK
FOUND IRON PIN	EASEMENT
LIGHT POLE	CURB
POWER POLE	INTERMEDIATE CONTOUR (1206)
TELEPHONE PEDESTAL	INDEX CONTOUR (1205)
TV PEDESTAL	SANITARY SEWER LINE (SS)
MANHOLE	GAS LINE (G)
SANITARY SEWER CLEANOUT	WATER LINE (SPECIFY SIZE & TYPE) (W)
GAS METER	UNDERGROUND TELEPHONE (UGT)
GAS VALVE	UNDERGROUND ELECTRIC (UGE)
STORM SEWER PIPE	OVERHEAD ELECTRIC (OHE)
DOWN GUY	UNDERGROUND TELEVISION (UGTV)
WATER VALVE	OVERHEAD TELEVISION (OHTV)
FIRE HYDRANT ASSEMBLY	CHAIN LINK FENCE
AIR RELEASE VALVE	WOOD FENCE
FIRE DEPARTMENT CONNECTION	BARBED WIRE FENCE
WATER METER	FIBER OPTIC (FO)
SPRINKLER HEAD	RIGHT OF WAY
ELECTRIC PEDESTAL	ROAD CENTERLINE
GRATED INLET	
DROP INLET	
TREE	

LEGEND (CONSTRUCT)

SYMBOLS	LINEWORK
MANHOLE	EASEMENT
SANITARY SEWER CLEANOUT	CURB
X-X STRUCTURE NUMBER	INTERMEDIATE CONTOUR (1206)
STORM SEWER STRUCTURE	INDEX CONTOUR (1205)
STORM SEWER PIPE	SANITARY SEWER LINE (SS)
TREE REMOVAL	CHAIN LINK FENCE
	WOOD FENCE
	BARBED WIRE FENCE



VICINITY MAP
NTS

GENERAL NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE ONLY FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS.
2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS IS BASED ON A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. CRAFTON TULL ASSUMES NO RESPONSIBILITY REGARDING THE ACCURACY OF THE DEPICTED LOCATION(S) OF THE UNDERGROUND FACILITIES ON THESE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ANY OTHER FACILITIES NOT SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION OF ALL FACILITIES BEFORE BEGINNING WORK.
3. 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 THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN OR NEAR THE CONSTRUCTION SITE.
4. THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF CRAFTON, TULL & ASSOCIATES, INC. AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CRAFTON, TULL & ASSOCIATES, INC.
5. CONTRACTOR SHALL NOT CAUSE ANY LONG-TERM INCONVENIENCE TO THE PUBLIC, ADJACENT PROPERTY OWNERS, PEDESTRIANS, ETC. DURING CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
6. CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION IF A DISCREPANCY OR INCONSISTENCY IS IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
7. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT WHICH ARE NECESSARY TO CONFORM TO OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
8. ENGINEER OF RECORD SHALL OBSERVE THE INSTALLATION OF THE WATER & SEWER MAINS. BEYOND THAT SCOPE, CRAFTON TULL & ASSOCIATES, INC. (CTA) HAS NOT BEEN RETAINED BY THE OWNER FOR CONSTRUCTION ADMINISTRATION OR OBSERVATION SERVICES FOR THE WORK INDICATED ON THESE DRAWINGS. THEREFORE, CTA HEREBY NOTIFIES ALL PARTIES INVOLVED THAT CRAFTON, TULL & ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR THE INTERPRETATION, COORDINATION, OR ADMINISTRATION OF THESE DOCUMENTS AND/OR DEVIATIONS THEREOF. FURTHERMORE, CRAFTON, TULL & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR ANY EFFECTS THAT ANY CHANGES TO THESE DOCUMENTS MAY HAVE ON ANY RELATED TRADES, CONSTRUCTION SEQUENCES, OR OPERATION OF THE COMPLETED PROJECT EXCEPT AS SPECIFICALLY NOTED IN THE AGREEMENT BETWEEN CRAFTON, TULL & ASSOCIATES AND THE OWNER.
9. **ENERGIZED ELECTRICAL LINE SAFETY, WARNINGS, AND ADVANCED NOTICES:** ALL OWNERS, GENERAL CONTRACTORS, AND SUBCONTRACTORS ASSOCIATED WITH THIS PROJECT SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH, COMPLYING WITH, AND THE ENFORCEMENT OF ARKANSAS CODES AR ST § 11-5-307 AND § AR ST 11-5-308 AND ANY OTHER CURRENT STATE CODES PERTAINING TO ADVANCE NOTICE REQUIREMENTS AND FOR SAFETY OF ALL PERSONNEL, INCLUDING THE GENERAL PUBLIC, PERTAINING TO ANY WORK, MOVEMENT, AND ACTIVITY IN CLOSE PROXIMITY TO ANY ENERGIZED ELECTRICAL LINE.

SITE STABILIZATION AND CERTIFICATION

CRAFTON TULL CANNOT CERTIFY THE SITE AS COMPLETE IN ORDER TO OBTAIN THE CERTIFICATE OF OCCUPANCY UNTIL ALL DISTURBED AREAS RELATED TO THE CONSTRUCTION OF THE PROJECT, BOTH ONSITE AND OFFSITE, HAVE BEEN STABILIZED PER THE PLANS AND SPECIFICATIONS AND ALL REQUIREMENTS SPELLED OUT IN PERMITS ISSUED BY THE STATE AND LOCAL AUTHORITIES HAVE BEEN MET.

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UTILITY CONTACTS

WATER & SANITARY SEWER
ROGERS WATER UTILITIES
601 S. 2ND ST.
ROGERS, AR 72756
PHONE: (479)621-1142

Arkansas One Call
811
Know what's **below**.
Call before you dig.

FLOOD NOTE:

THIS PROPERTY IS IN FLOOD ZONE "A" OR "AE", AND IS INSIDE THE 100-YEAR FLOOD PLAIN AS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM'S FIRM PANEL NUMBER 05007C0270K, EFFECTIVE DATE JUNE 5, 2012.

THE ABOVE STATEMENT IS FOR INFORMATION ONLY AND THIS SURVEYOR ASSUMES NO LIABILITY FOR THE CORRECTNESS OF THE CITED MAP(S). IN ADDITION, NO INDEPENDENT STUDY OF THE LIKELIHOOD OF FLOODING OF THE SURVEYED PROPERTY HAS BEEN DONE BY THE SURVEYOR AND NO OPINION OF FLOOD HAZARDS IS INCLUDED IN THIS SURVEY. THE FLOOD HAZARD ZONE BOUNDARIES SHOWN HEREON WERE SCALED FROM THE MAPS CITED AND ARE NOT THE RESULT OF INDEPENDENT COMPUTATION OR ANALYSIS.

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION
ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024
ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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COVER SHEET

C-001

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\COVERSHEET.DWG
LAYOUT: COVERSHEET LAST MODIFIED: 9/25/2026 2:03:00 PM BY: BRIAN.BURNETT
LAST PLOTTED BY: SAMMIE.BRAY 9/25/2026 2:03:00 AM PLOTTED BY: PAUL.DAVIS(C-CPF-CTA15)

SITE NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE/FEDERAL REGULATIONS AND CODES AND OSHA STANDARDS.
3. ALL CURB DIMENSIONS AND RADII ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. ALL PAVEMENT MARKINGS DIMENSIONS FACE OF CURB UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
6. ALL CURB/SIDEWALK/HANDICAP RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR LOCAL RESTRICTIVE CODES, WHICHEVER IS MORE RESTRICTIVE.
7. CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS ARE OBTAINED PRIOR TO CONSTRUCTION START.
8. CONTRACTOR SHALL MATCH NEW CURB AND GUTTER, CONCRETE, AND PAVEMENT TO EXISTING IN GRADE AND ALIGNMENT.
9. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.

UTILITY NOTES

1. 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 UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF EXISTING UTILITIES WITHIN THE WORK ZONE.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES' INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING FACILITIES. CONTRACTOR SHALL COORDINATE AND SCHEDULE TIE-INS/CONNECTIONS WITH ALL UTILITY COMPANIES.
3. ALL UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED, AND APPROVED PRIOR TO BACKFILLING.
4. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
5. GENERAL CONTRACTOR IS TO COORDINATE WITH APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION, ADJUSTMENT, OR RELOCATION OF EXISTING UTILITIES.
6. THRUST BLOCKING SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
7. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
8. MINIMUM HORIZONTAL SEPARATION BETWEEN THE OUTSIDE WALL OF THE WATERLINE AND THE OUTSIDE WALL OF THE SANITARY SEWER LINE OR SANITARY SEWER MANHOLE SHALL BE AT LEAST TEN FEET. WHERE WATERLINES CROSS SANITARY SEWERS THE WATERLINE SHALL BE PLACED ABOVE THE SEWER WITH A MINIMUM VERTICAL SEPARATION, OUTSIDE-TO-OUTSIDE, OF 18". IF IT IS NOT POSSIBLE TO CONFORM TO THESE DIMENSIONS OR DEFINED PLACEMENT, THE WATERLINE SHALL BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING.
9. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE ALL MATERIAL AND LABOR ASSOCIATED WITH THE TESTING OF THE WATER AND SEWER LINES REQUIRED BY THE LOCAL AND/OR STATE AGENCIES.
10. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH FINISHED PAVEMENT ELEVATIONS, AND MANHOLES IN UNPAVED AREAS TO BE 1" ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
11. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL REGULATIONS.
12. ALL CONSTRUCTION OF THE SANITARY SEWER SHALL BE PER ROGERS WATER UTILITIES STANDARD SPECIFICATIONS REVISED 2022.
13. THE CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND THE WATER COMPANY TO PLAN THE IMPROVEMENTS TO THE WATER MAINS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THE PROJECT. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING ANY REQUIRED WATER MAIN SHUT-OFFS WITH THE WATER COMPANY DURING CONSTRUCTION. ALL COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR; NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
14. DAMAGE TO ALL EXISTING FACILITIES DESIGNATED TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED AS WELL AS COSTS OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDING.
16. GENERAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AS SHOWN ON THE PLANS, VERIFY LOCATION OF UTILITY TIE-INS, AND PROVIDE NYLON PULL CORDS INSIDE THE CONDUIT.
17. THE CONTRACTOR SHALL INCLUDE IN BID PRICE THE DAILY RECORD KEEPING OF THE RECORD CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKE-OUT, PREPARATION OF THE NECESSARY/REQUIRED WATER AND SEWER RECORD DRAWINGS TO BE SUBMITTED, AND ALL OTHER INFORMATION REQUIRED FOR OBTAINING PERMITS AND RELEASE OF BONDS.
18. <u>ENERGIZED ELECTRICAL LINE SAFETY, WARNINGS, AND ADVANCED NOTICES:</u> ALL OWNERS, GENERAL CONTRACTORS, AND SUBCONTRACTORS ASSOCIATED WITH THIS PROJECT SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH, COMPLYING WITH, AND THE ENFORCEMENT OF ARKANSAS CODES AR ST § 11-5-307 AND § AR ST 11-5-308 AND ANY OTHER CURRENT STATE CODES PERTAINING TO ADVANCE NOTICE REQUIREMENTS AND FOR SAFETY OF ALL PERSONNEL, INCLUDING THE GENERAL PUBLIC, PERTAINING TO ANY WORK, MOVEMENT, AND ACTIVITY IN CLOSE PROXIMITY TO ANY ENERGIZED ELECTRICAL LINE.

GRADING AND DRAINAGE NOTES

1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS ONLY.
2. THE OWNER/CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR OBTAINING AND PROVIDING SEPARATE AND INDEPENDENT RETAINING WALL DESIGNS, INSPECTIONS, AND CERTIFICATIONS BY A REGISTERED PROFESSIONAL ENGINEER OTHER THAN CRAFTON TULL. THIS SHALL ALSO APPLY TO ANY ASSOCIATED AND NECESSARY PUBLIC SAFETY DEVICES INCLUDING, BUT NOT LIMITED TO, PEDESTRIAN SAFETY RAILS.
3. 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 CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF EXISTING UTILITIES ON SITE OR IN RIGHT-OF-WAY. ALL UTILITIES MUST BE LOCATED PRIOR TO GRADING START.
4. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
5. ALL CUT OR FILL SLOPES SHALL BE A MAX 3:1 SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
6. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITION OR BETTER.
7. ALL STORM SEWER PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT. ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
8. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY WHEN IN PAVED AND TRAFFIC AREAS.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1" ABOVE FINISH GRADE. LIDS SHALL BE LABELED PER JURISDICTIONAL SPECIFICATIONS.
10. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NPDES PERMIT AND THE SWPPP FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL TO FINAL GRADE. REFER TO THE LANDSCAPE PLAN.
12. TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON PLANS, CONTACT ENGINEER IMMEDIATELY.
13. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS THROUGHOUT ALL PHASES OF CONSTRUCTION.
14. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.
15. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
16. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT AND CONTINUOUS GRADE.
17. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
18. IF WET AREAS ARE ENCOUNTERED ON-SITE THE CONTRACTOR SHALL COORDINATE WITH THE GEOTECHNICAL ENGINEER FOR THE DESIGN AND PLACEMENT OF A FRENCH DRAIN SYSTEM.
19. CRAFTON, TULL & ASSOCIATES, INC. (CTA) HAS NOT NECESSARILY ESTABLISHED MINIMUM FINISH FLOOR ELEVATIONS FOR EACH INDIVIDUAL BUILDING OR LOT IN THIS SUBDIVISION. WHEN A MINIMUM BUILDING FLOOR ELEVATION IS NOT ESTABLISHED AND NOTED, THE ULTIMATE RESPONSIBILITY FOR THE PROPER GRADING OF EACH INDIVIDUAL LOT OR PARCEL SHALL REST WITH THE LOT'S OWNER. TYPICALLY, THE MINIMUM FINISH FIRST FLOOR ELEVATIONS SHOULD BE AT LEAST TWELVE INCHES (12") ABOVE THE FINISHED TOP OF STREET CURB ELEVATION ASSOCIATED WITH EACH INDIVIDUAL LOT OR PARCEL OR AS REQUIRED BY LOCAL AND STATE CODES.

DEMOLITION NOTES

1. CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND LOCAL CODES FOR THE DEMOLITION AND DISPOSAL OF ALL MATERIALS.
2. CRAFTON, TULL AND ASSOCIATES, INC. SHALL NOT BE LIABLE FOR ANY DEMOLITION PROCEDURES, SCHEDULING, AND DISPOSAL OF ANY MATERIALS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SURE THAT ADJACENT PROPERTY IS NOT DAMAGED AND IS ACCESSIBLE AT ALL TIMES, AND THAT CONSTRUCTION DOES NOT CREATE ANY HARDSHIP TO LAND OWNERS ADJACENT TO THE CONSTRUCTION SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE DISCONNECTION, REMOVAL AND RELOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING IRRIGATION SYSTEM IN THE AREAS OF SITE IMPROVEMENTS. THE CONTRACTOR SHALL CAP THE EXISTING IRRIGATION SYSTEM TO REMAIN SUCH THAT THE REMAINING SYSTEM SHALL CONTINUE TO FUNCTION PROPERLY.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS.
8. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
9. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDINGS.
10. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
11. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
12. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO DEMOLITION.
13. CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
14. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
15. THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPARTMENT AND THE CITY/COUNTY UTILITY DEPARTMENT TO PLAN WATERMAIN IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
16. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE. REPAIRS SHALL RESTORE DAMAGED ITEMS TO EQUAL OR BETTER THAN, EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND NOTIFYING CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION START.
17. ALL TRENCHES AND/OR EXCAVATED AREAS SHALL BE FILLED/TESTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
18. IF SEPTIC TANKS ARE FOUND PRESENT WITHIN THE LIMITS OF DISTURBANCE THEY SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.
19. IF THE CONTRACTOR FINDS ANY UNDERGROUND TANKS ON SITE THEY SHALL CONTACT THE ENGINEER IMMEDIATELY.
20. ALL WELLS SHALL BE CAPPED AND CLOSED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL LAW.

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Crafton Tull
architecture | engineering | surveying
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CERTIFICATE OF AUTHORIZATION:

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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GENERAL NOTES

C-002

DRAWING: C:\23100300_BLOSSOM WAY INFRASTRUCTURE\CIVIL\LOWO\COVERSHEET.DWG
LAYOUT: C-002 LAST MODIFIED: Friday, Sep 25, 2026 9:53 AM BY: MATTHEW LOVE
LAST PLOTTED BY: DAMIEN BRAY PLOTTED ON 23.00 IN AT PLOTTED BY: PAUL DRIVER COPY (1 OF 1)

LEGEND

SYMBOL	LINEWORK
PRIMARY CONTROL/SET MONUMENT	EASEMENT
	CURB
	PROPERTY LINE

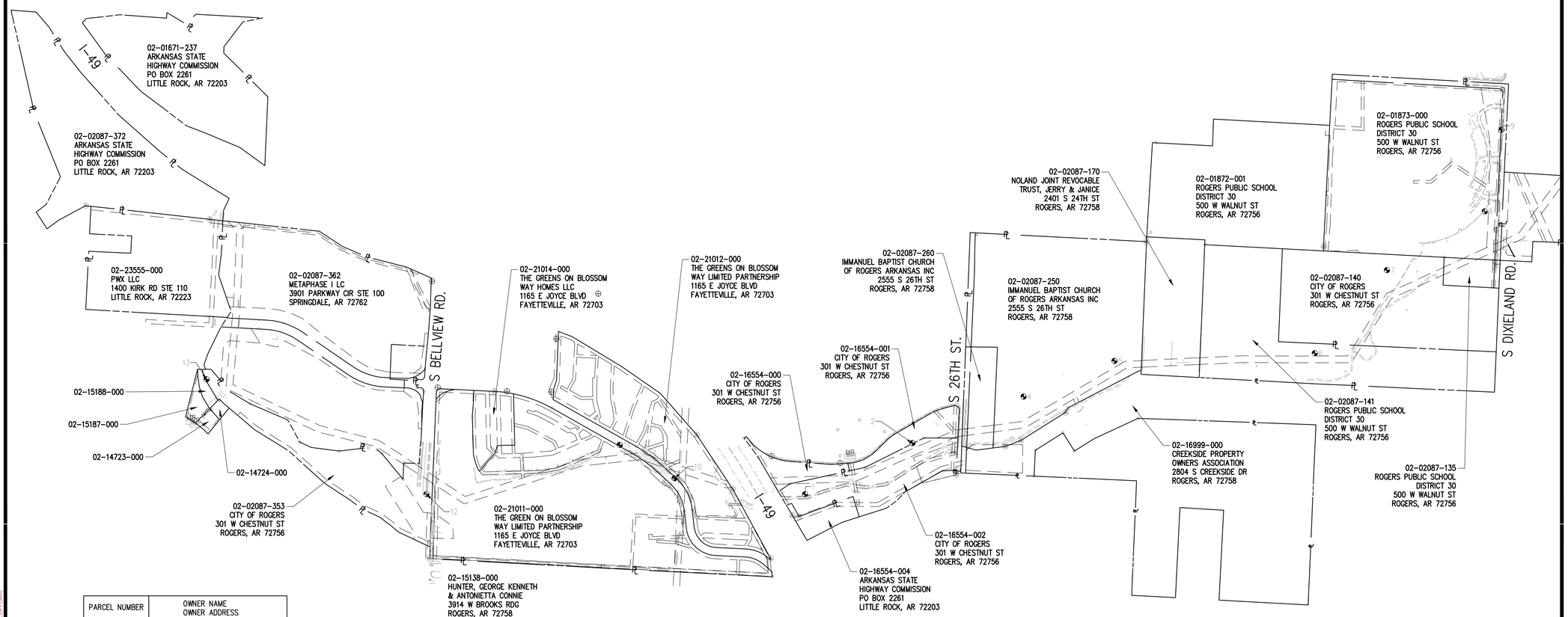
PROJECT CONTROL NOTE

ONLY THE CONTROL POINTS, COORDINATE VALUES, AND ELEVATIONS SHOWN ON THIS SHEET SHALL BE USED ON THIS PROJECT. CRAFTON, TULL & ASSOCIATES SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES OF USING CONTROL POINTS, COORDINATE VALUES OR ELEVATIONS ESTABLISHED OR DERIVED FROM OTHER SOURCES. CRAFTON, TULL & ASSOCIATES, AT ITS SOLE DISCRETION, MAY ALLOW THE USE OF ALTERNATIVE OR ADDITIONAL CONTROL, BY A WRITTEN AMENDMENT TO THIS SHEET SEALED BY THE RESPONSIBLE SURVEYOR. USERS OF THESE CONTROL POINTS SHALL EXERCISE DUE CARE AND GOOD SURVEYING PRACTICE AND IMMEDIATELY NOTIFY THE CRAFTON, TULL & ASSOCIATES PROJECT ENGINEER OF ANY INCONSISTENCIES IN THE OBSERVED COORDINATE VALUES, ELEVATIONS AND DESCRIPTIONS FOR CONTROL POINTS SHOWN ON THIS SHEET.

BASIS OF BEARING: ARKANSAS STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83 HORIZONTAL DATUM AND NAVD 88 VERTICAL DATUM DETERMINED BY GPS OBSERVATION ON THE CITY OF ROGERS CONTROL MONUMENTS USING THEIR PUBLISHED VALUES.

CONTROL POINT TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	720137.75	675166.89	1267.69	CTL 5\8 RBR BLUE CAP
2	720520.78	675968.79	1271.32	CTL 5\8 RBR BLUE CAP
4	720868.52	676798.54	1274.59	CTL 5\8 RBR BLUE CAP
5	721134.76	677477.36	1278.61	CTL 5\8 RBR BLUE CAP
6	721192.47	678972.90	1290.41	CTL 5\8 RBR BLUE CAP
7	721814.01	679511.85	1297.56	CTL 5\8 RBR BLUE CAP
8	722252.56	680242.53	1295.03	CTL 5\8 RBR BLUE CAP
9	722862.55	680367.53	1296.96	CTL 5\8 RBR BLUE CAP
10	720257.67	674192.59	1264.81	CTL 5\8 RBR BLUE CAP
11	720507.16	673782.95	1268.02	CTL 5\8 RBR BLUE CAP
12	720139.73	672339.98	1262.40	CTL 5\8 RBR BLUE CAP
13	720998.18	670696.47	1244.45	CTL 5\8 RBR BLUE CAP



PARCEL NUMBER	OWNER NAME OWNER ADDRESS
02-15188-000	LITTRELL LIVING TRUST, BRADLEY D 11929 CHURCHILL DOWN SPRINGDALE, AR 72762
02-15187-000	LITTRELL LIVING TRUST, BRADLEY D 11929 CHURCHILL DOWN SPRINGDALE, AR 72762
02-14723-000	LAMERS, SCOTT D & CHRISTY M 4409 W BLOSSOM WAY DR ROGERS, AR 72758
02-14724-000	LAMERS, SCOTT D & CHRISTY M 4409 W BLOSSOM WAY DR ROGERS, AR 72758

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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
400' 0 400'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/04/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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PROJECT CONTROL SHEET

C-101

DRAWING: C:\23100300_BLOSSOMWAY\#PRASTRUCTURE\CIVIL\DWG\PROJECT CONTROL.DWG
LAYOUT:ARCH D1 | LAST SAVED: 09/25/2026, 10:25:08 AM
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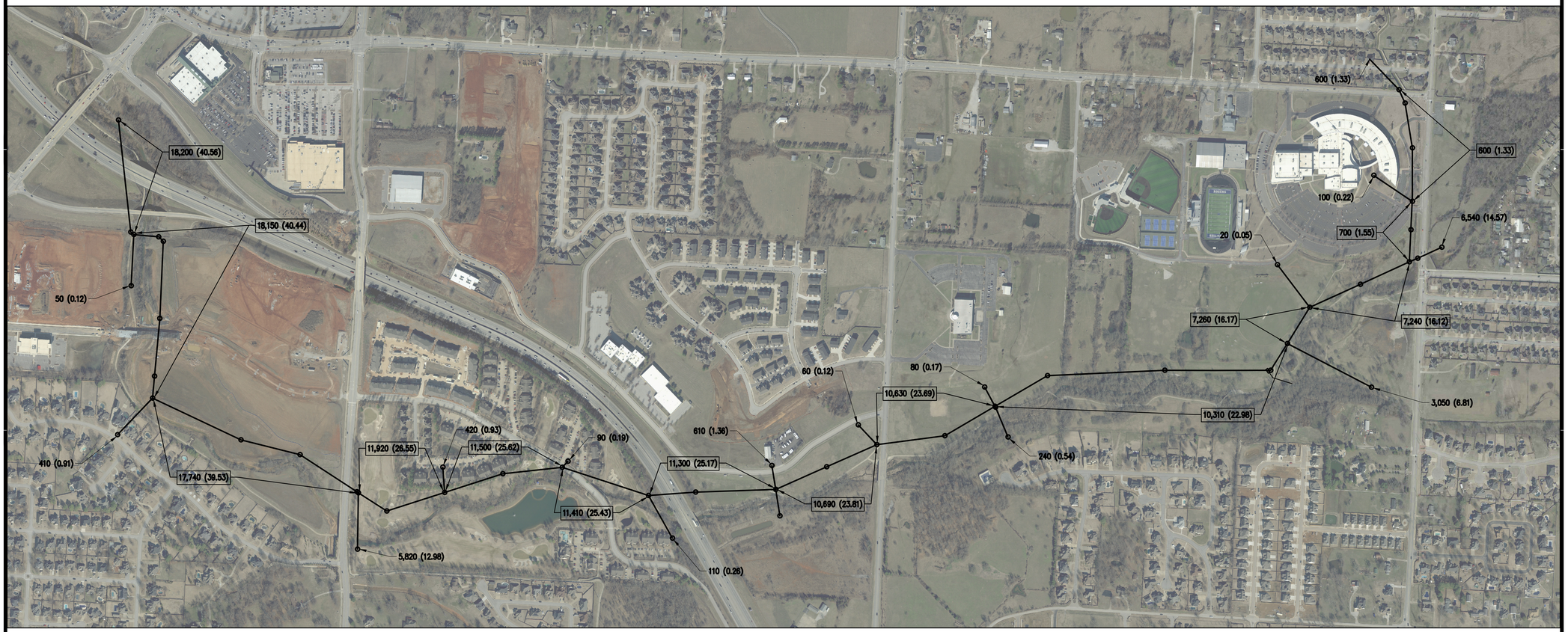

LEGEND

XXXX (XX.XX) — FLOW RATE OF SEWAGE PEAK DESIGN ENTERING FROM FEEDER LINE, IN GPM (CFS)

XXXX (XX.XX) — FLOW RATE OF SEWAGE PEAK DESIGN ALONG MAIN LINE, IN GPM (CFS)

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ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 10208 — WILLIAM C. BURNETT

9/25/26

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FLOW LINE ANALYSIS

C-102

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\FLOW LINE ANALYSIS.DWG
LAYOUT: LAYOUT1 LAST SAVED: 9/25/2026 9:06:38 AM
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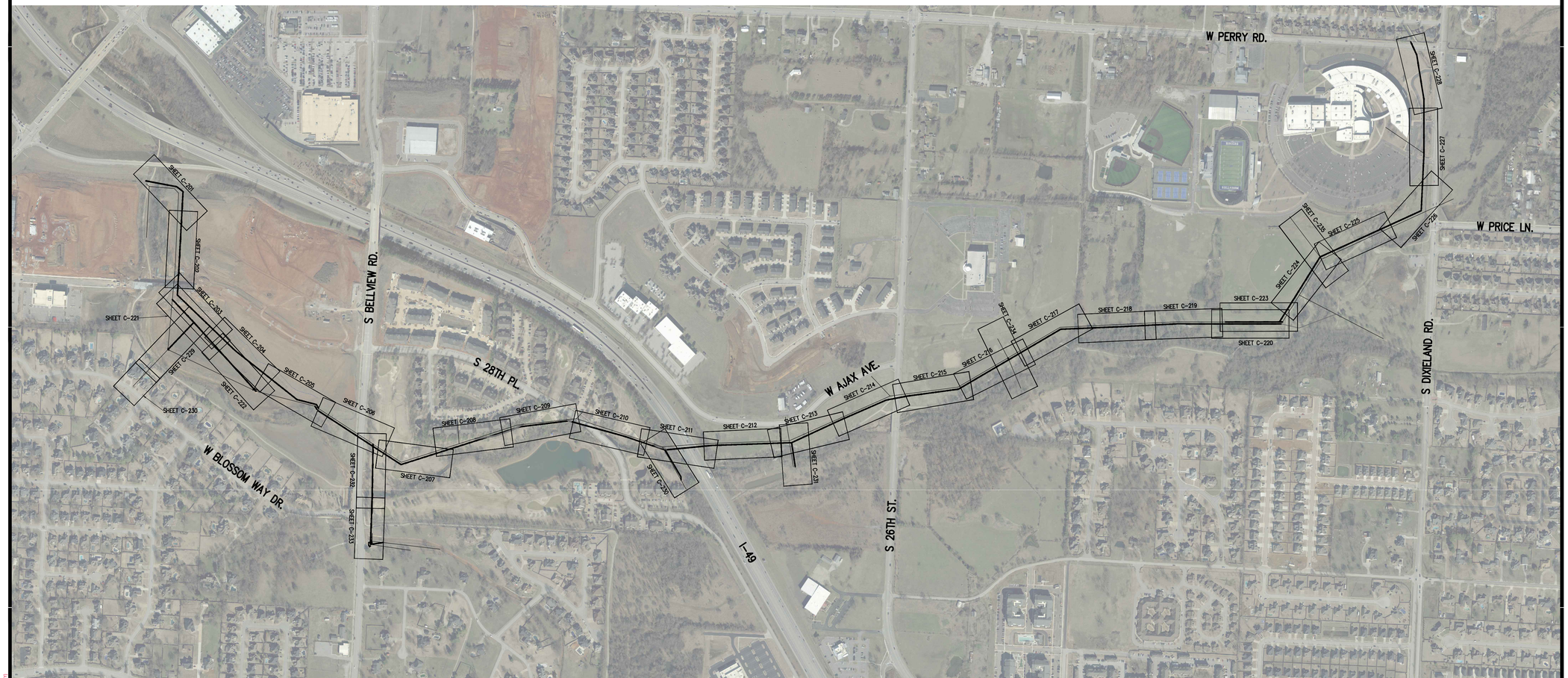

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OVERALL SITE PLAN

C-103

DRAWING: G:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-103 LAST MODIFIED: 9/25/2026 9:00:03 AM BY: BRIAN.BURNETT
PLOTTED BY: DUANE BRAY, 9/25/2026 9:00:03 AM PLOTTED BY: PAUL@CRAFTONTULL.COM

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GRAPHIC SCALE IN FEET
60' 0 60'

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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OVERALL SITE PLAN

C-104

DRAWING: G:\23100300_BLOSSOMWAY\PRA\ARCHITECTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-104 LAST MODIFIED: 9/25/2026 9:03:25 AM BY: BRIAN BURNETT
PLOTTED BY: BRIAN BURNETT 9/25/2026 9:03:25 AM PLOTTER: DP - PAGE: PAHARDD COPY (1:1)

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QC by: M. LOVE
QC Date: 2/06/2024

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9/25/26

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OVERALL SITE PLAN

C-105

DRAWING: G:\23100300_BLOSSOMWAYSEWER\ARCHITECTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
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LAST PLOTTED BY: BLAKE BURNETT 9/25/2026 9:03:34 AM PLOTTED BY: FAKED PAYLINER COPY (PNTS)

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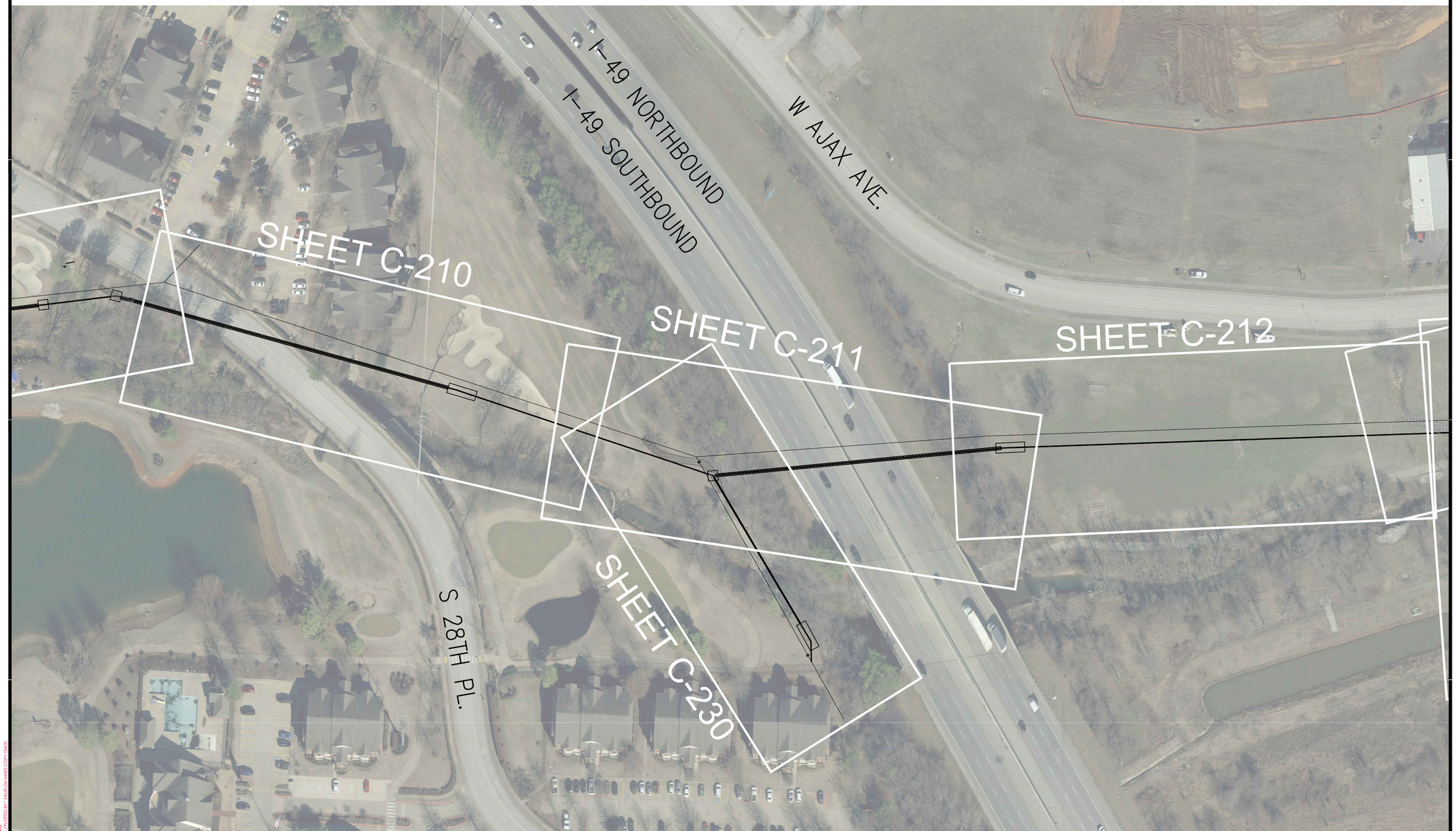
OVERALL SITE PLAN

C-106

DRAWING: G:\23100300_BLOSSOMWAY\PRA\ENGINEERING\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-106 LAST MODIFIED: 9/25/2026 9:03:55 AM BY: BRIAN.LOVE
PLOTTED BY: BRIAN.LOVE 9/25/2026 9:03:55 AM PLOTTED BY: PAGE PAHARD COPY (CNTR)



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OVERALL SITE PLAN

C-107

DRAWING: G:\23100300_BLOSSOMWAY\PRA\STRUCTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-107 LAST MODIFIED: 9/25/2026 9:03:29 AM BY: BRIAN.BURNETT
PLOTTED BY: BRIAN.BURNETT 9/25/2026 9:03:29 AM PLOTTED BY: PAUL@CTA-HARD COPY (CW18)

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ROGERS WATER UTILITIES
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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

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OVERALL SITE PLAN

C-108

DRAWING: G:\23100300_BLOSSOMWAYWRFACTRUNK\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-108 LAST MODIFIED: 9/25/2026 9:03:52 AM BY: BRIAN.BURNETT
LAST PLOTTED BY: CLAYMIE.BRAY 9/25/2026 9:03:52 AM PLOTTED BY: PAUL.ED.PAYNE.ED.COPY.CPK10

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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9/25/26

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OVERALL SITE PLAN

C-109

DRAWING: Q:\23100300_BLOSSOMWAY\PRA\STRUCTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-109 LAYOUT TAB: 1 USER: BBURNETT DATE: 9/25/2026 TIME: 10:23 AM
LAST EDITED BY: LANAME BWAY 9/25/2026 9:28:51 AM PLOTTED BY: FRED PAYNARD (CPP CINTI)

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QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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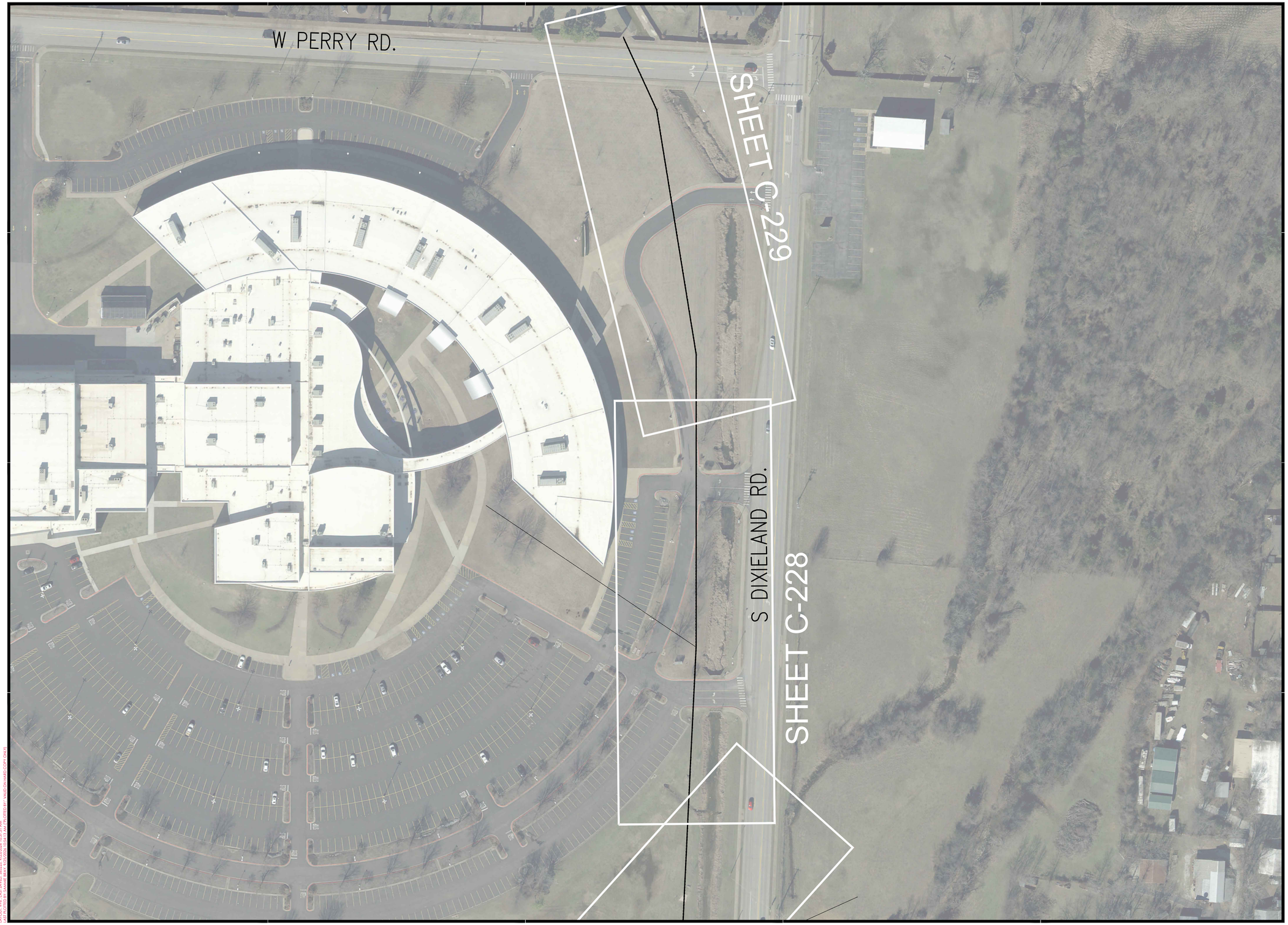
OVERALL SITE PLAN

C-110

DRAWING: Z:\23100300_BLOSSOMWAY\PRE-ARCHITECTURE\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-110 LAST SAVED: 9/25/2026 9:15:57 AM BY: BRETT BURNETT
LAST PLOTTED BY: DUANE BRAYE 9/25/2026 9:15:57 AM PLOTTED BY: PAUL ED DWG.PMP - PAUL ED DWG COPY.CTB



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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/26/2024

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REGISTERED PROFESSIONAL ENGINEER
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WILLIAM C. BURNETT
9/25/26

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OVERALL SITE PLAN

C-111

DRAWING: G:\23100300_BLOSSOMWAY\PRA\STRUCT\CIVIL\DWG\OVERALL SITE PLAN.DWG
LAYOUT: C-111 LAYOUT: OVERALL SITE PLAN MODEL: C-111 OVERALL SITE PLAN
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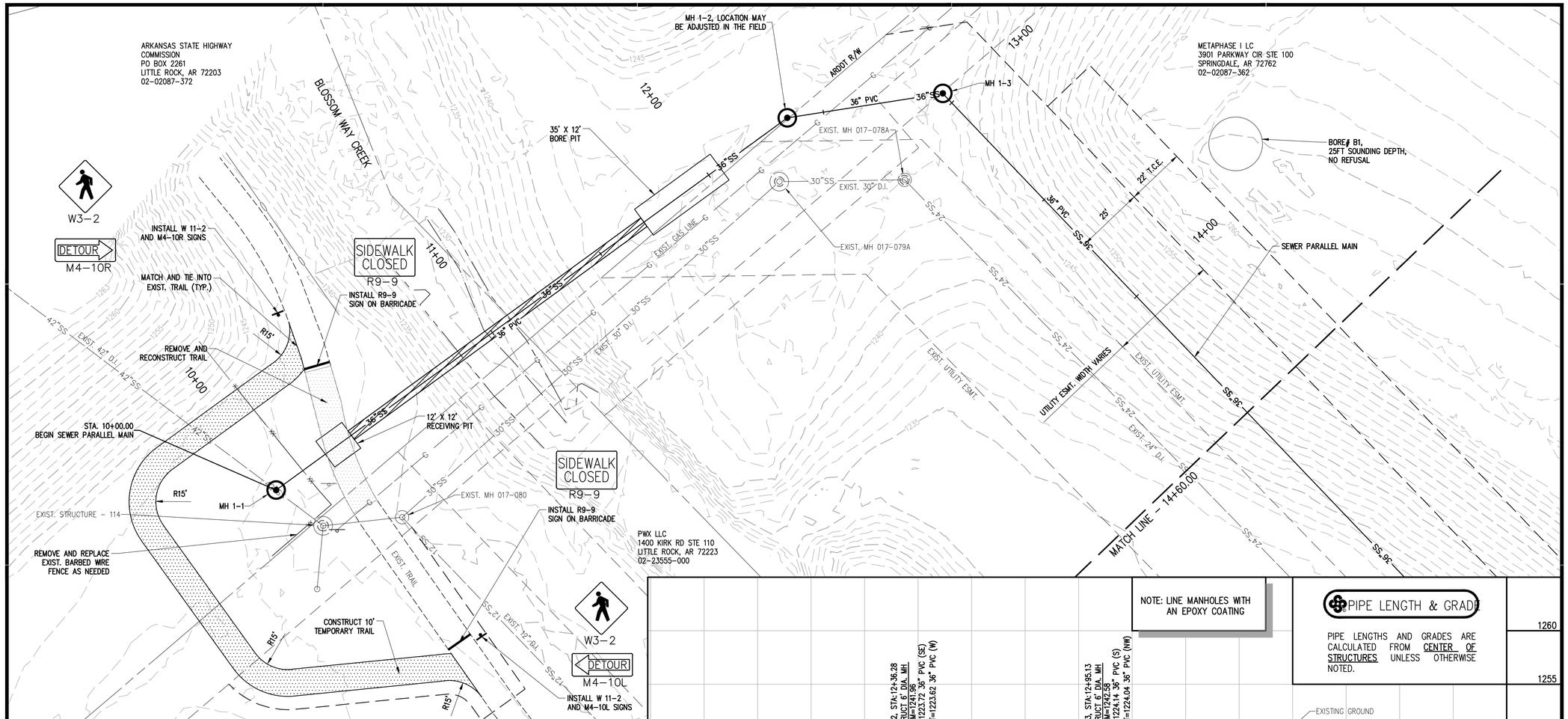
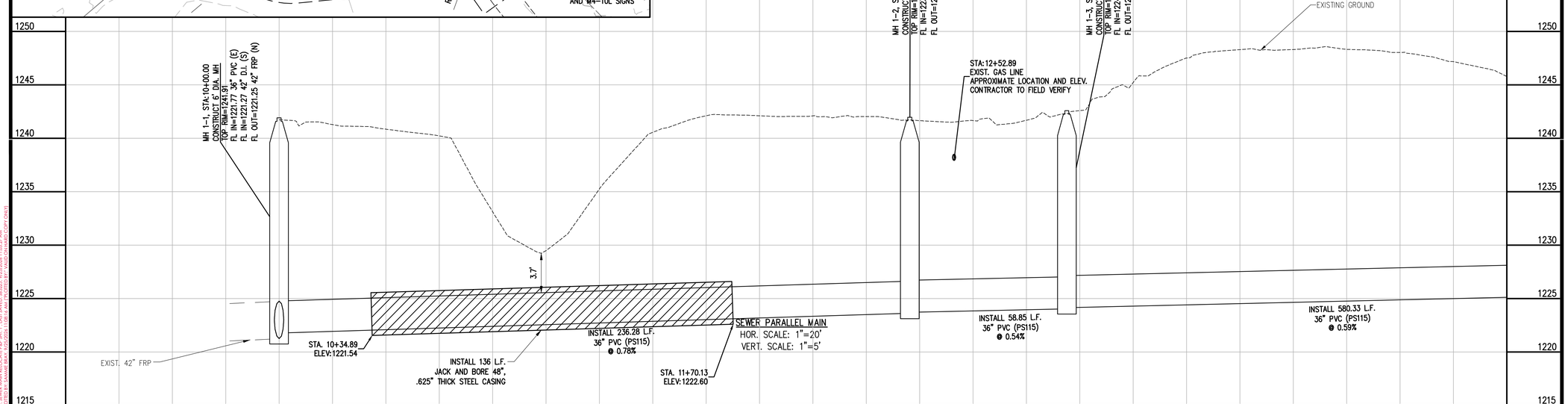


NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



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GRAPHIC SCALE IN FEET
20' 0 20'

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Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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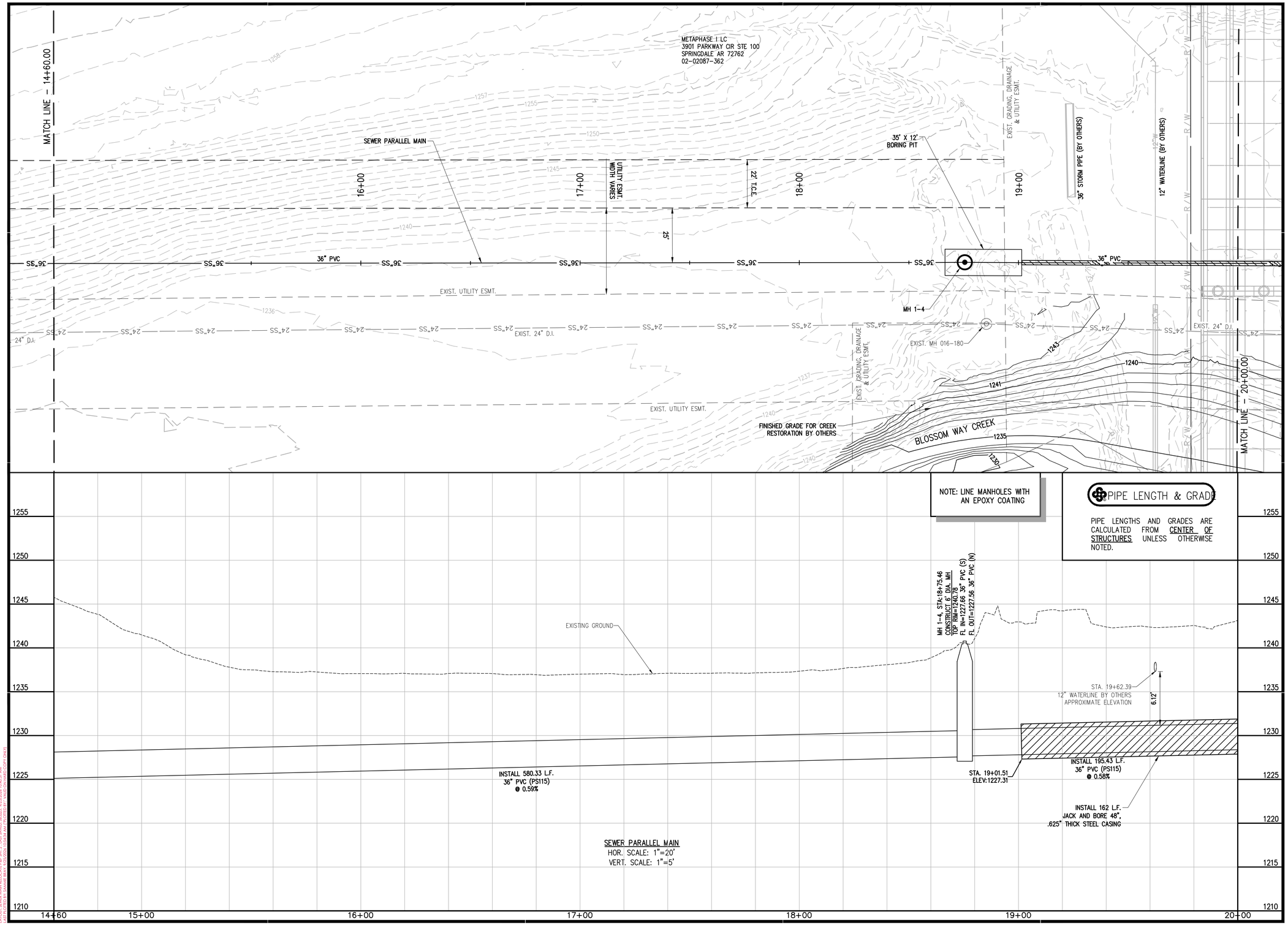
SANITARY SEWER PARALLEL MAIN

C-201

DRAWING: G:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\FRAP - 1-10.DWG
LAYOUT: SEWER MAIN REDLINE PLAN SHEET 1 LAST SAVED: 9/25/2026, 10:52:22 AM
PLOTTED BY: BURNETT, BILL ON TUESDAY, SEPTEMBER 22, 2026 - 10:52 AM



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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QC Date: 2/06/2024

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9/25/26

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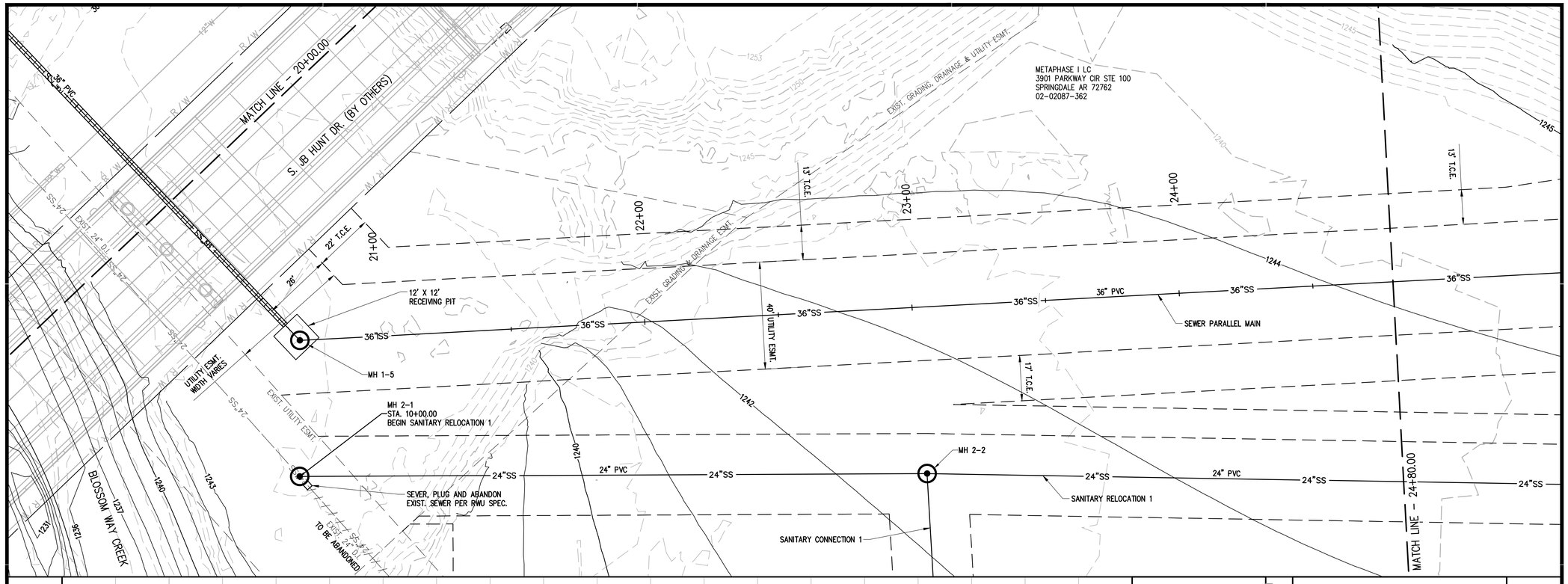
SANITARY SEWER PARALLEL MAIN

C-202

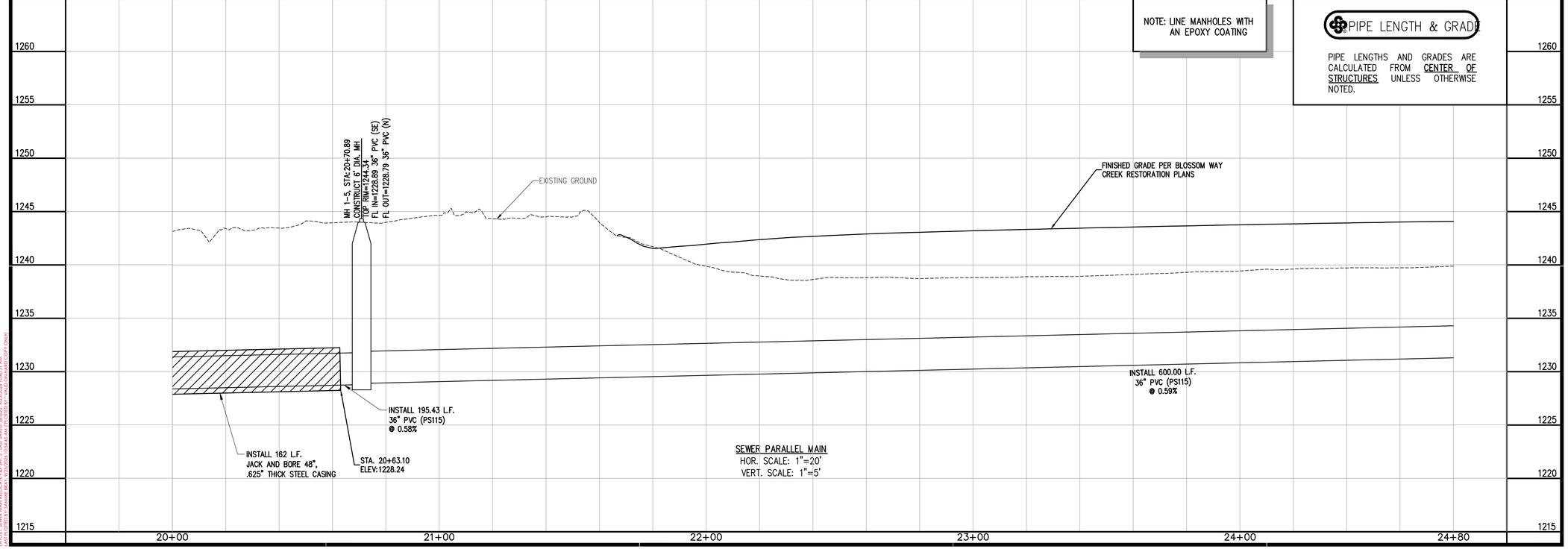
DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\FIG-1-10.DWG
LAYOUT: SEWER MAIN BLOCK AT PAR 2 LAST SAVED: 9/25/2026 10:46:31 AM
PLOTTED BY: BURNETT, WILLIAM C. ON: 9/25/2026 10:46:31 AM (JOB# 23100300)



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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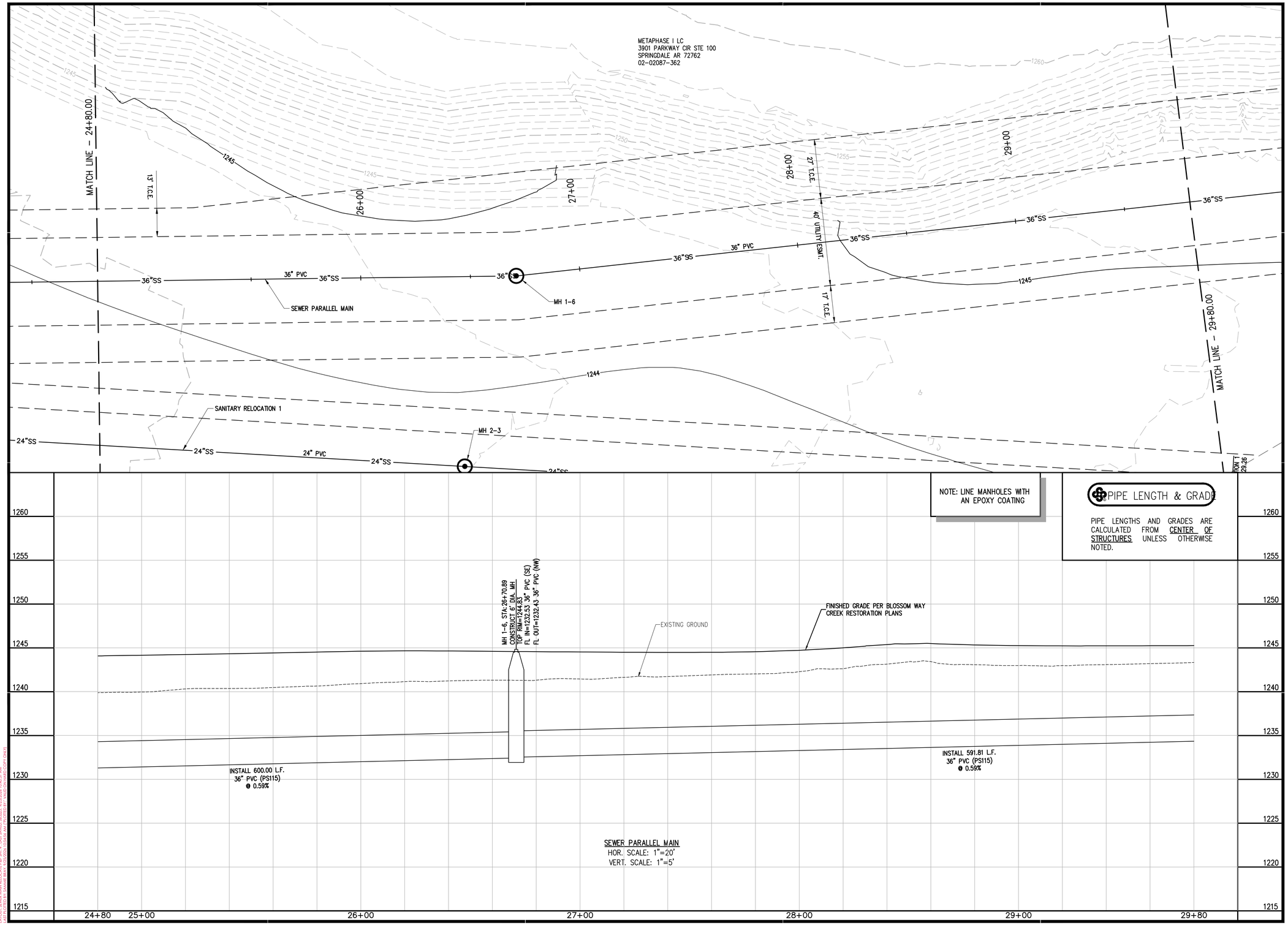
SANITARY SEWER PARALLEL MAIN

C-203

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\DWG\SANITARY MAIN\FIG-1-10.DWG
LAYOUT: SEWER MAIN RELOCATE PAR 3 LAST SAVED: 9/25/2026 10:46:51 AM
PLOTTED BY: BURNETT, BILL ON THURSDAY, SEPTEMBER 25, 2025 - 10:46:51 AM



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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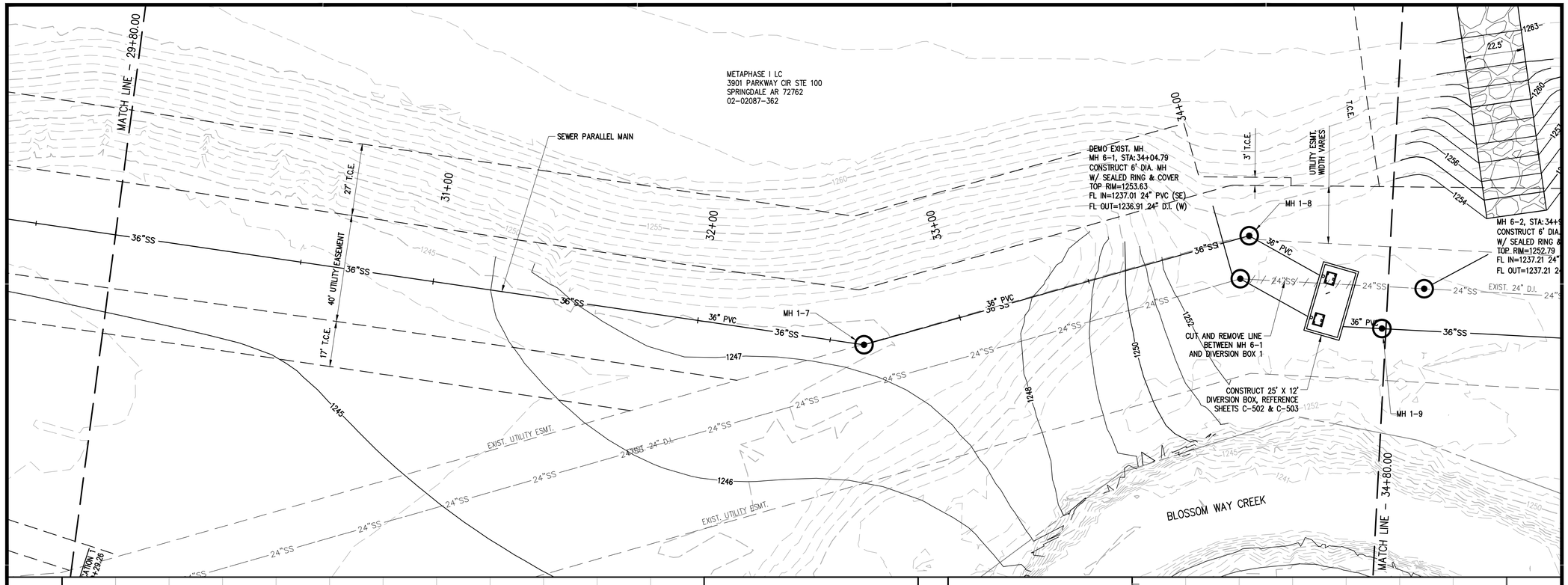
SANITARY SEWER PARALLEL MAIN

C-204

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\FIG P-1-10.DWG
LAYOUT: SEWER MAIN RELOCATE PAR 4 LAST SAVED: 9/25/2026 10:46:31 AM
PLOTTED BY: BURNETT, WILLIAM C. ON: 9/25/2026 10:46:31 AM (JOB# 23100300)

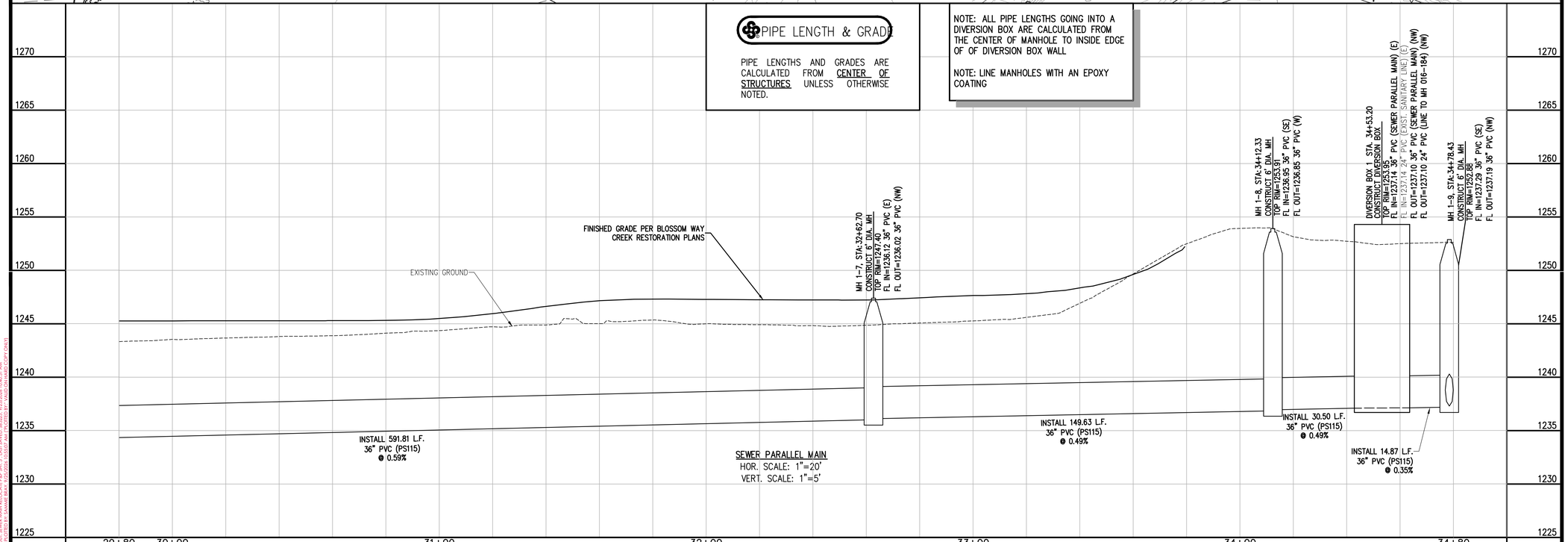


PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS GOING INTO A DIVERSION BOX ARE CALCULATED FROM THE CENTER OF MANHOLE TO INSIDE EDGE OF OF DIVERSION BOX WALL

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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QC by: M. LOVE
QC Date: 2/06/2024

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9/25/26

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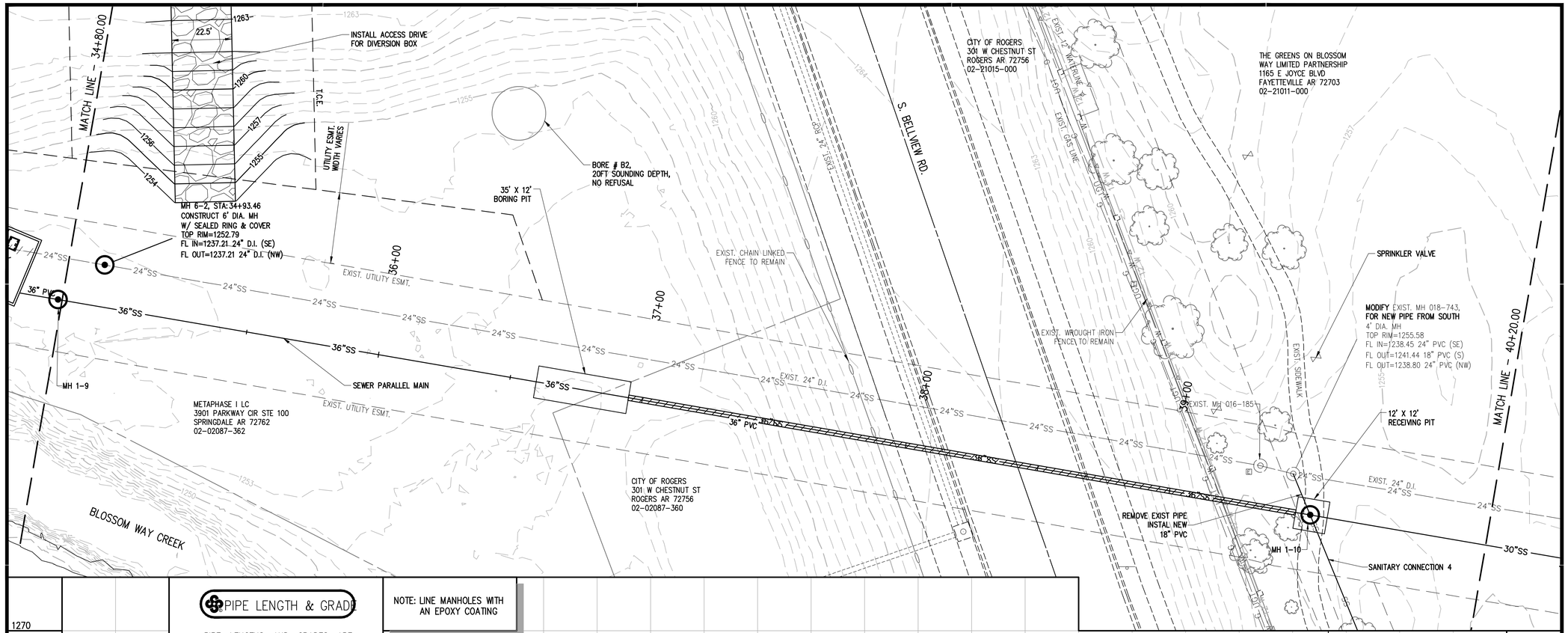
SANITARY SEWER PARALLEL MAIN

C-205

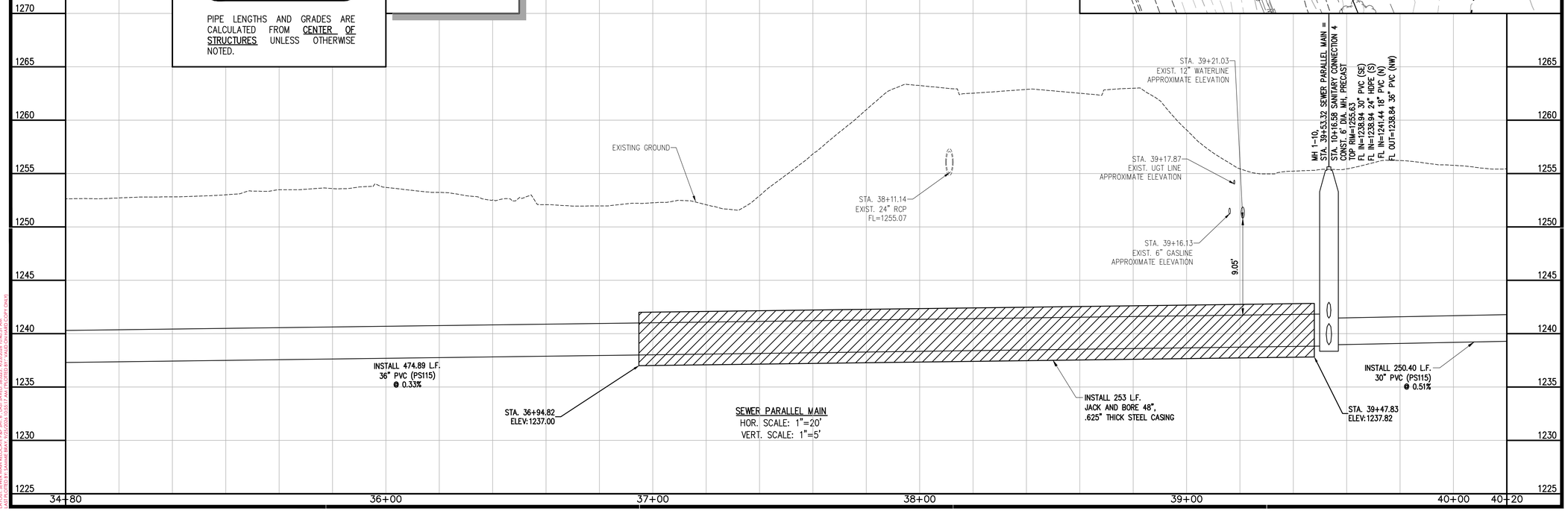
DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN PAP 1-10.DWG
LAYOUT: SEWER MAIN RESTORATION PAP 3.5 LAST SAVED: 9/25/2026 10:46:31 AM
PLOTTED BY: BURNETT, WILLIAM C. (CRAFTON TULL & ASSOCIATES) LAST PLOTTED: 9/25/2026 10:46:31 AM (COPY ONLY)



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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No. 109
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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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ISSUE DATE: 09/25/2026
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QC Date: 2/06/2024

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9/25/26

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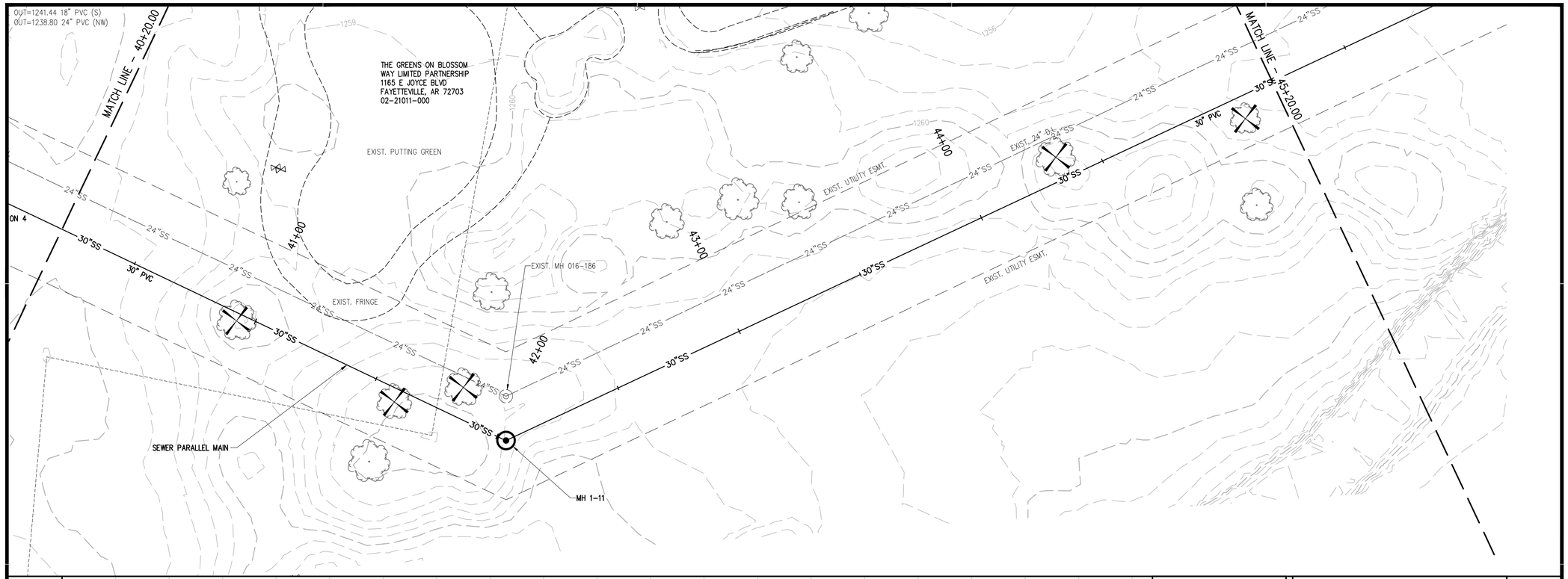
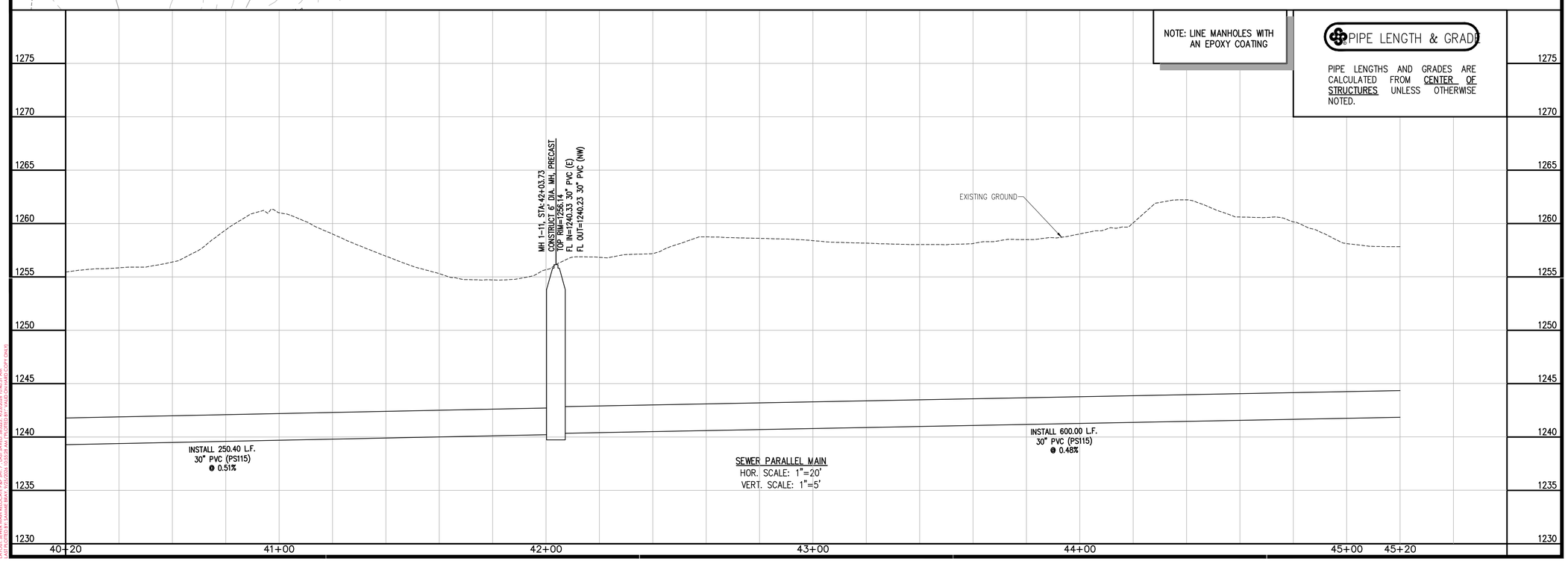
SANITARY SEWER PARALLEL MAIN

C-206

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\DWG\SANITARY MAIN\FIG-1-10.DWG
LAYOUT: SEWER MAIN BLACKLAT PAP, JAN 4, LAST SAVED: 9/25/2026, 10:46:31 AM
PLOTTED BY: BURNETT, BILL ON 9/25/2026 10:46:31 AM (CPP-CONST)





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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC Date: 2/06/2024

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WILLIAM C. BURNETT
9/25/26

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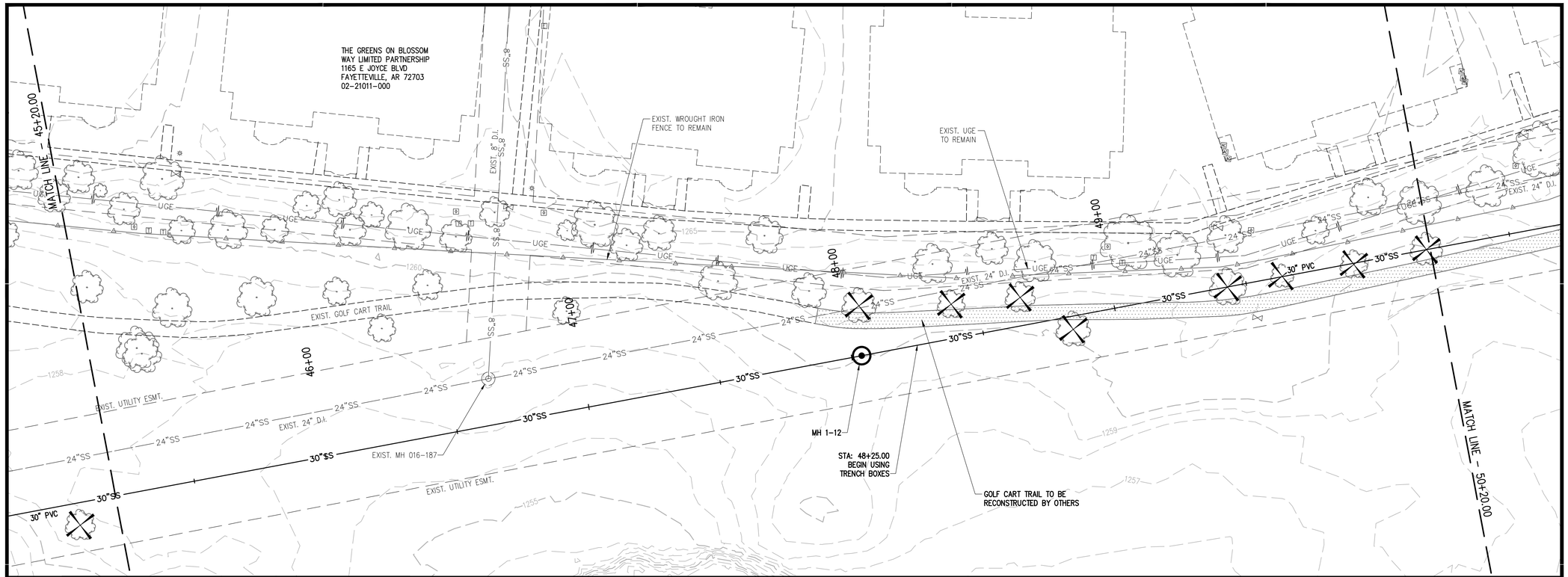
SANITARY SEWER PARALLEL MAIN

C-207

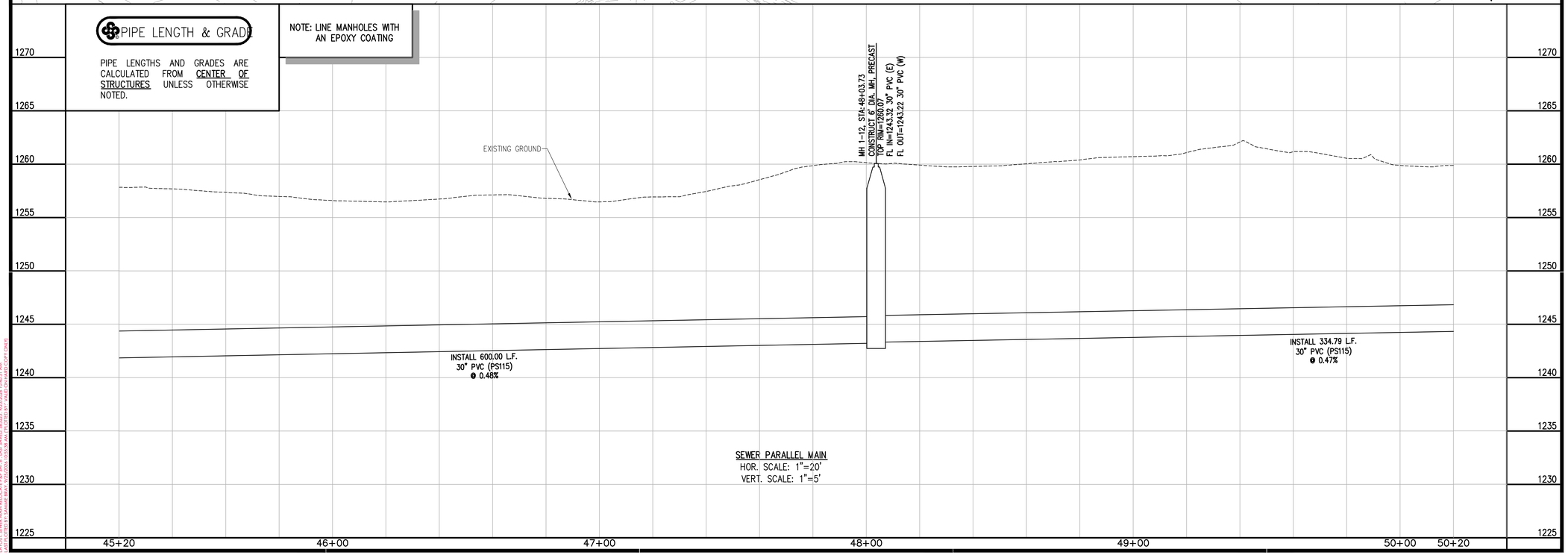
DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\TAP 1-10.DWG
LAYOUT: SEWER MAIN REPLACEMENT PLAN PROFILE 1 LAST SAVED: 9/25/2026, 10:46:51 AM
PLOTTED BY: Burnett, William C. (Craft) LAST PLOTTED: 9/25/2026, 10:46:51 AM



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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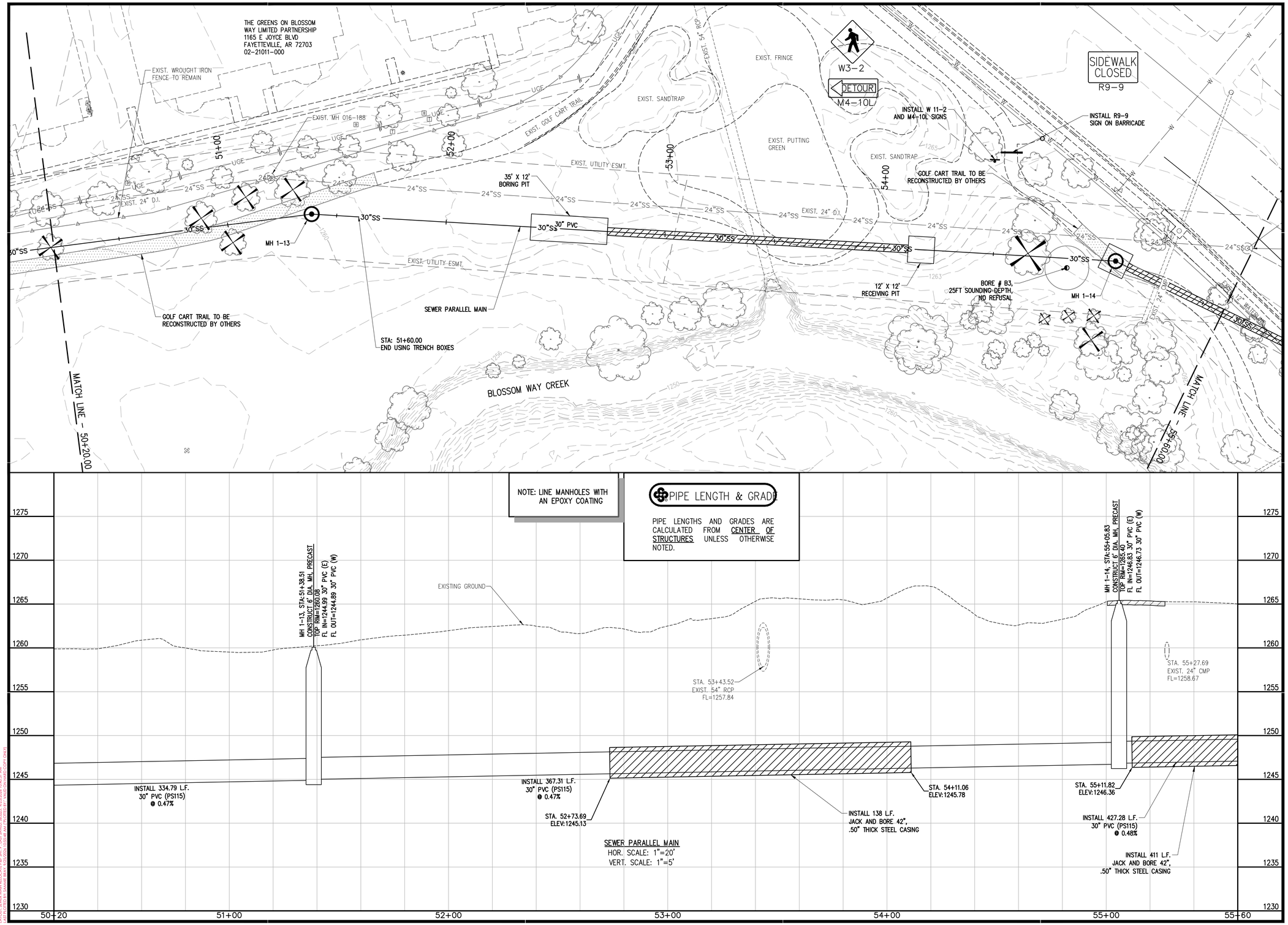
SANITARY SEWER PARALLEL MAIN

C-208

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\FAP 1-10.DWG
LAYOUT: SEWER MAIN RELOCATE PROFILE & LATERALS 48-50 SS, 9/25/2026 10:40:31 AM, CRAFTON, TULL & ASSOCIATES, INC., JACOB.CHAMBERS, PC3: ACAD PDF (GHOST)



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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ARKANSAS ENGINEER

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20' 0 20'

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ROGERS, ARKANSAS

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WILLIAM C. BURNETT
9/25/26

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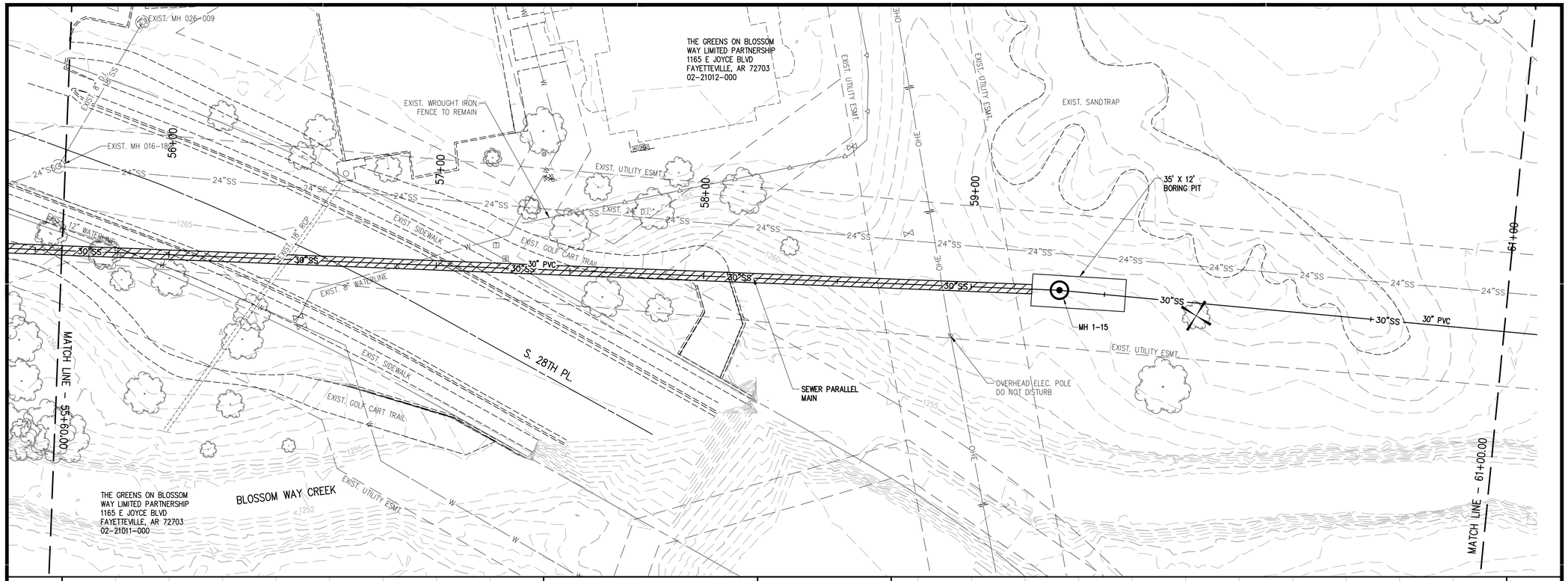
SANITARY SEWER PARALLEL MAIN

C-209

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\PAP 1-10.DWG
LAYOUT: SEWER MAIN RECORD PLAN PAP 9 (LAST MOD: 9/25/2026 10:46:10 AM)
XREFS: XREF-TOPO-BASE; XREF-TOPO-BASE-PAP; XREF-TOPO-BASE-COPY (2NZT)



PIPE LENGTH & GRADE

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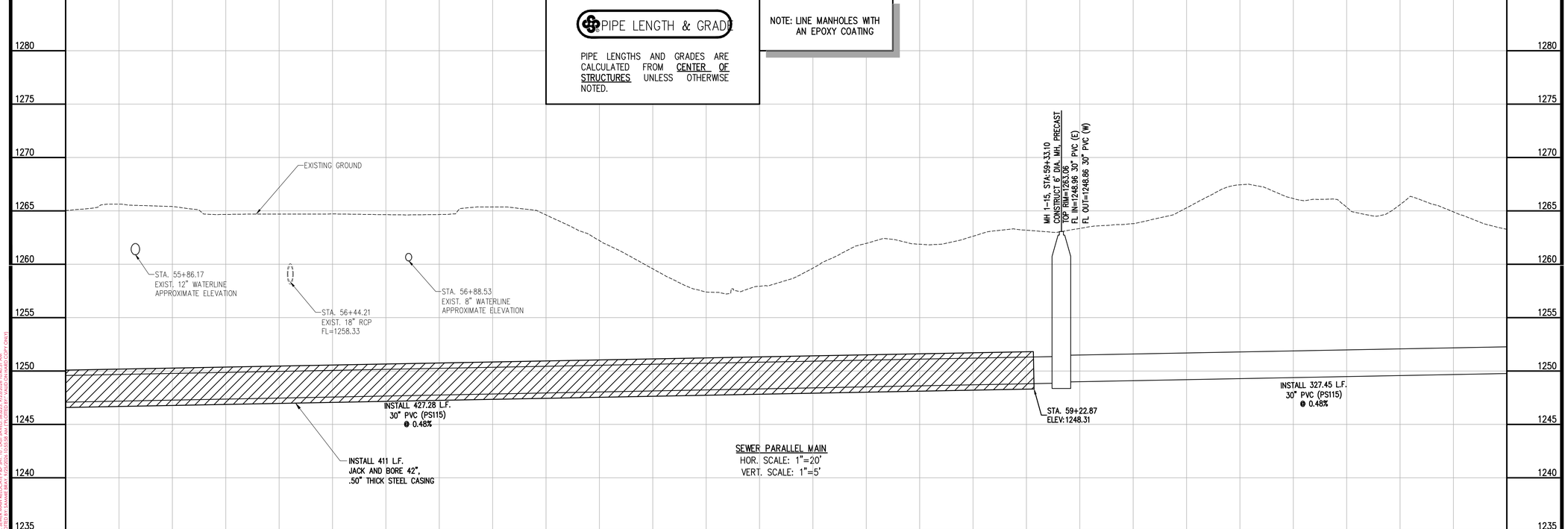
NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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Rogers, Arkansas 72756
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20' 0 20'

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ROGERS, ARKANSAS

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9/25/26

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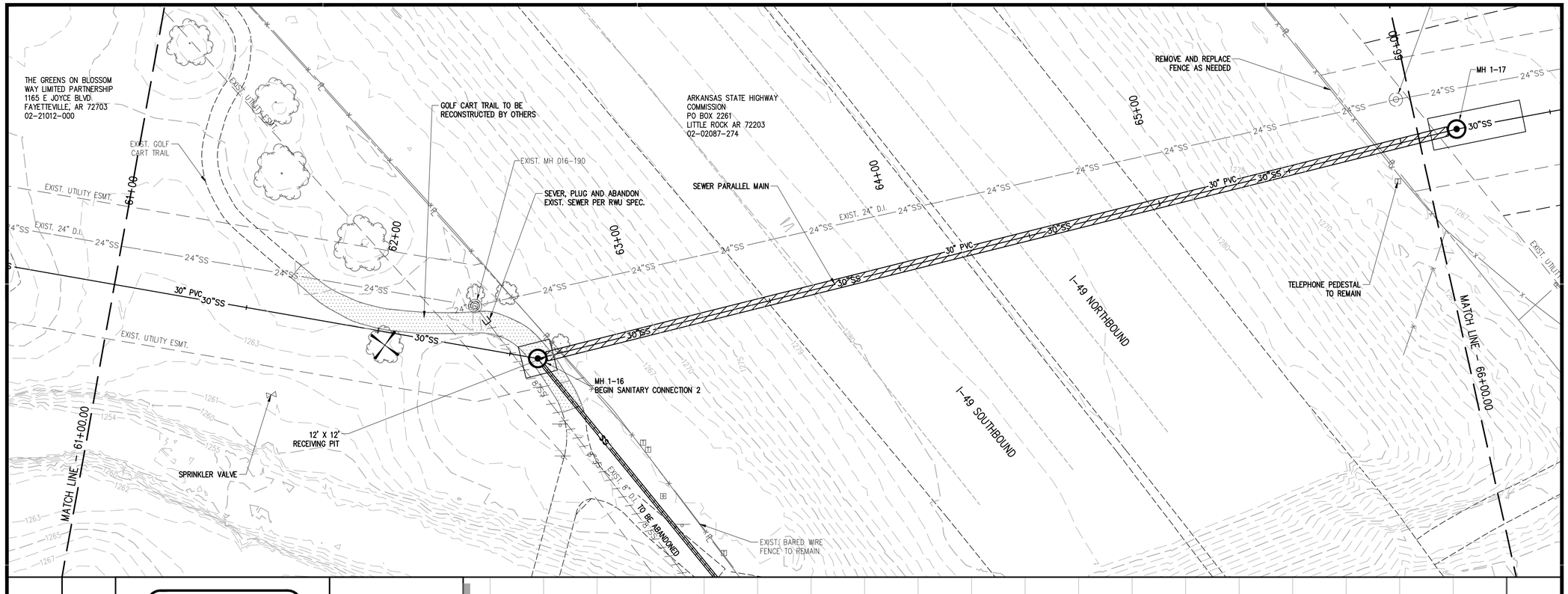
SANITARY SEWER PARALLEL MAIN

C-210

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\PAP 1-10.DWG
LAYOUT: SEWER MAIN - BORE PAP (01) TO LAST MAINTED BY:BRODE 9/25/2026 10:46:31 AM
XREFS: XREF:BASEMAP-PLAN, XREF:BASEMAP-PLAN(COPY ONLY)



PIPE LENGTH & GRADE

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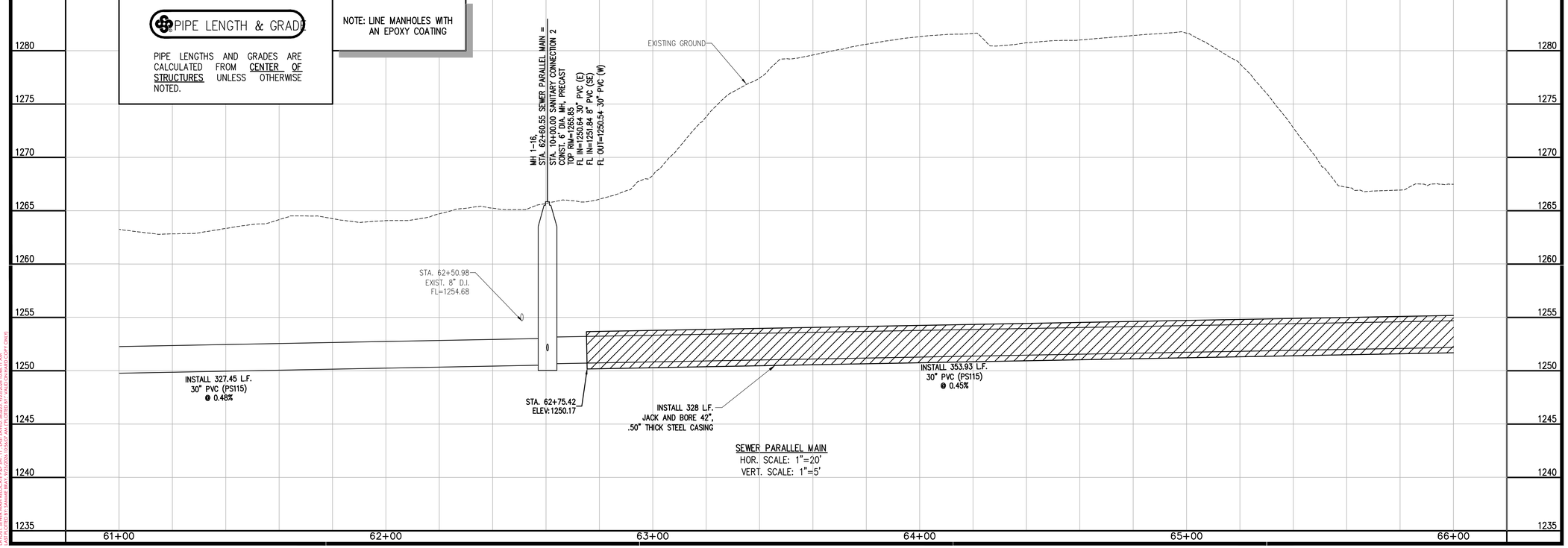
NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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20' 0 20'

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9/25/26

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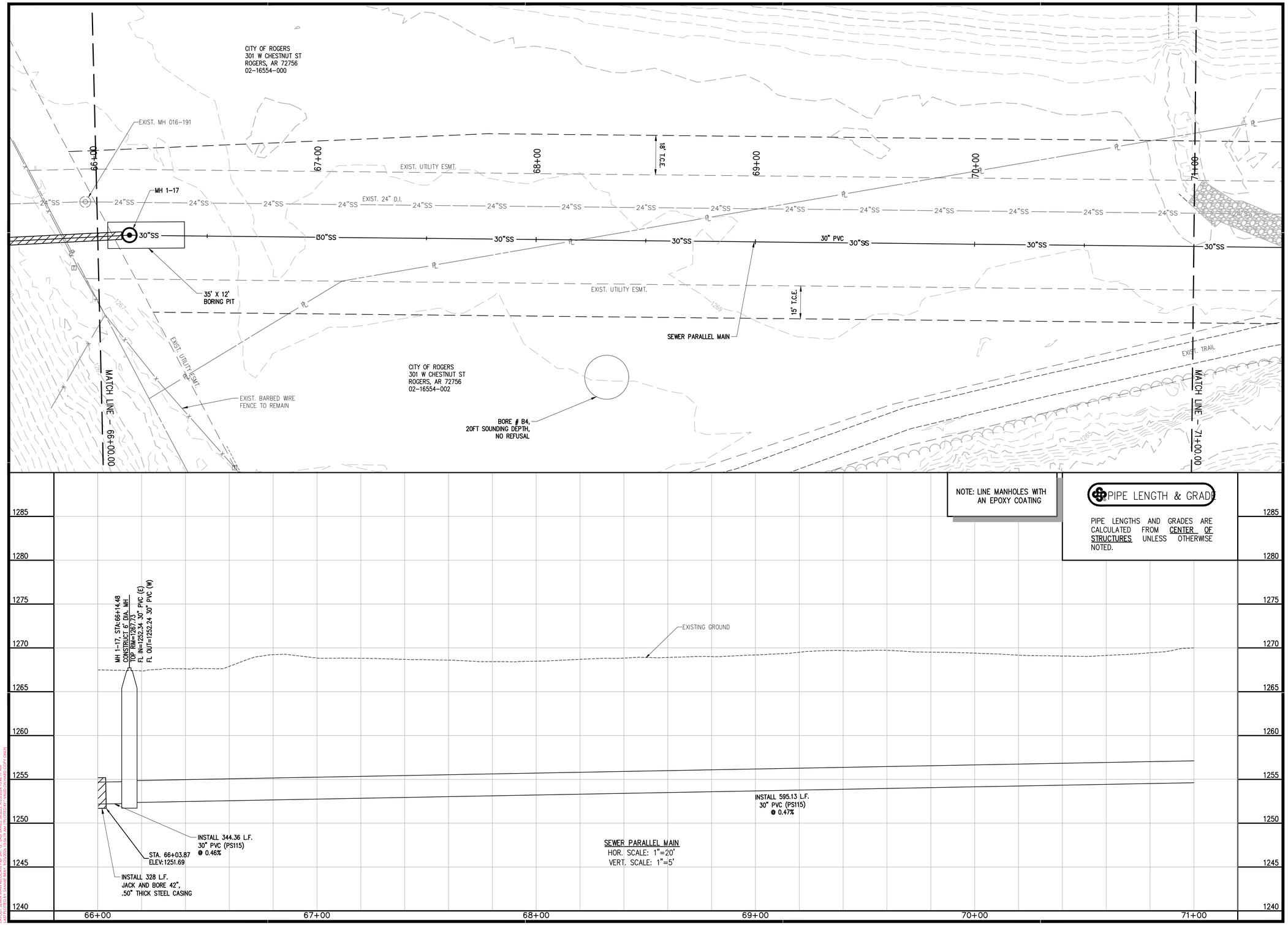
SANITARY SEWER PARALLEL MAIN

C-211

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\PAP 11-21.DWG
LAYOUT: SEWER MAIN REVISED PAP (SHT 1) LAST MAPED: 9/25/2026 10:48:11 AM
PLOTTED BY: BRIAN BURNETT LAST SAVED: 9/25/2026 10:48:11 AM



901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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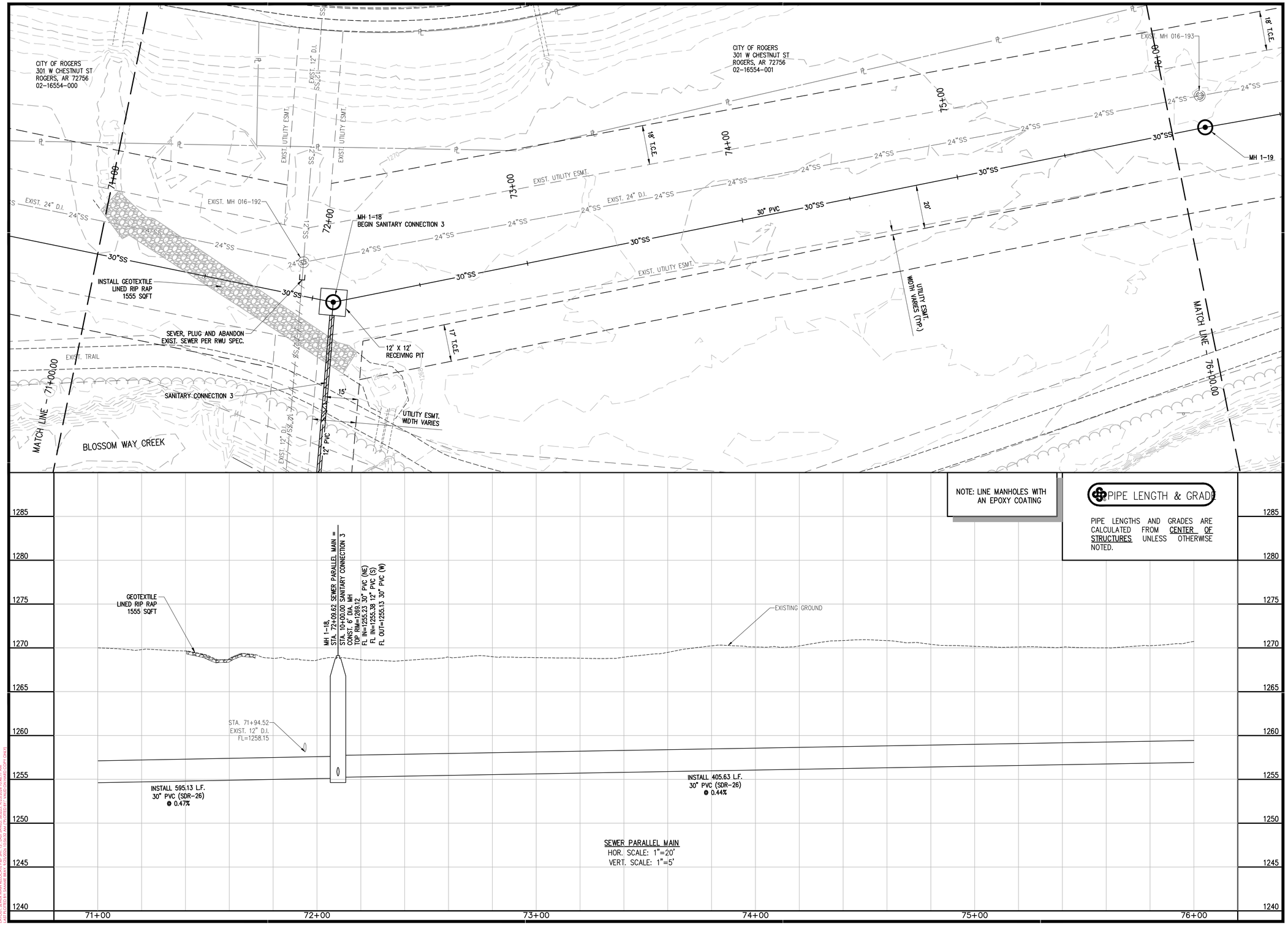
SANITARY SEWER PARALLEL MAIN

C-212

DRAWING: C:\23100300_BLOSSOMWAYWRESTRICTS\CIVIL\DWG\SANITARY MAIN\FIG-11-21.DWG
LAYOUT: SEWER MAIN BLACKLAT PAR 20 - 72 LAST SAVED: 9/25/2026 12:48:11 AM
PLOTTED BY: BURNETT, WILLIAM C. ON: 9/25/2026 12:48:11 AM



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

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ROGERS, ARKANSAS

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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No. 10208
WILLIAM C. BURNETT
William C. Burnett
9/25/26

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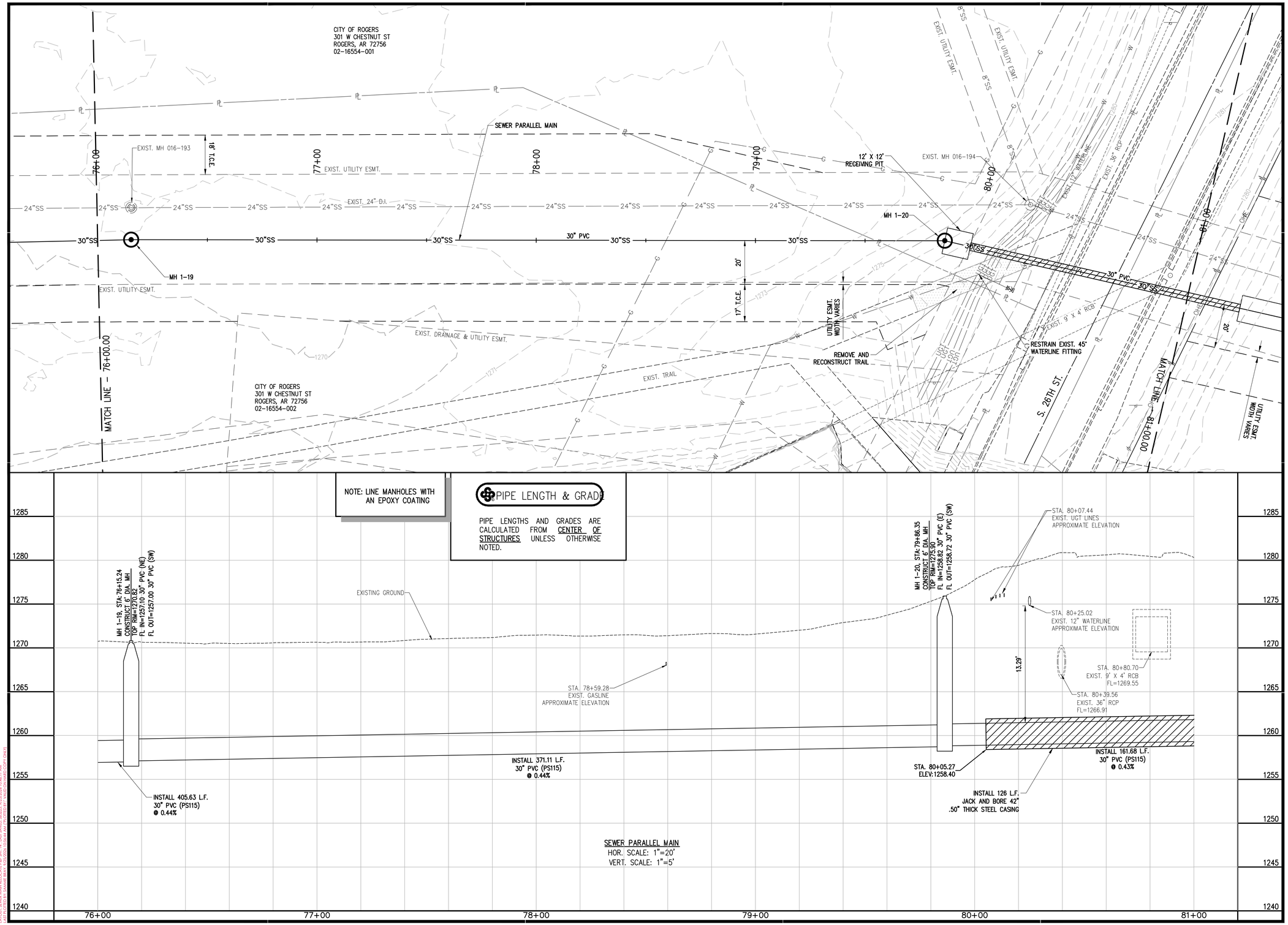
SANITARY SEWER PARALLEL MAIN

C-213

DRAWING: C:\23100300_BLOSSOMWAYWERRESTRICTS\CIVIL\DWG\SANITARY MAIN FIG 11-21.DWG
LAYOUT: SEWER MAIN BLOCKAT PAR 10, LAST SAVED: 9/25/2026, 3:48:11 AM
PLOTTED BY: BURNETT, BILL ON TUESDAY, SEPTEMBER 29, 2026 - 9:00AM (CNST)



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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9/25/26

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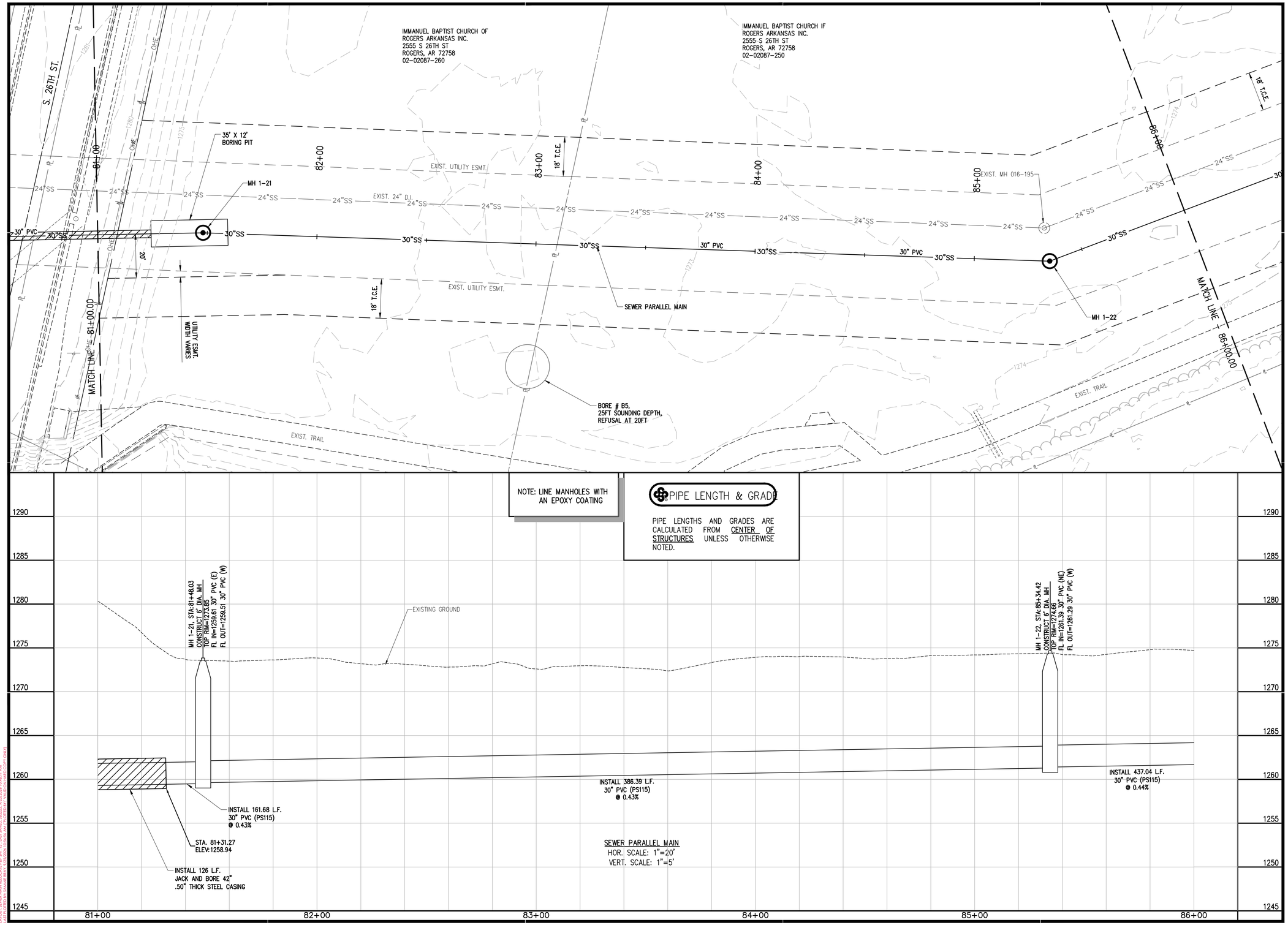
SANITARY SEWER PARALLEL MAIN

C-214

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\PAP 11-21.DWG
LAYOUT: SEWER MAIN REVISED PAP 24" LAST SAVED: 9/25/2026 10:48:11 AM
PLOTTED BY: BURNETT, BRADY (BRADY.BURNETT@CRAFTONTULL.COM) (PDF ONLY)



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

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ROGERS, ARKANSAS

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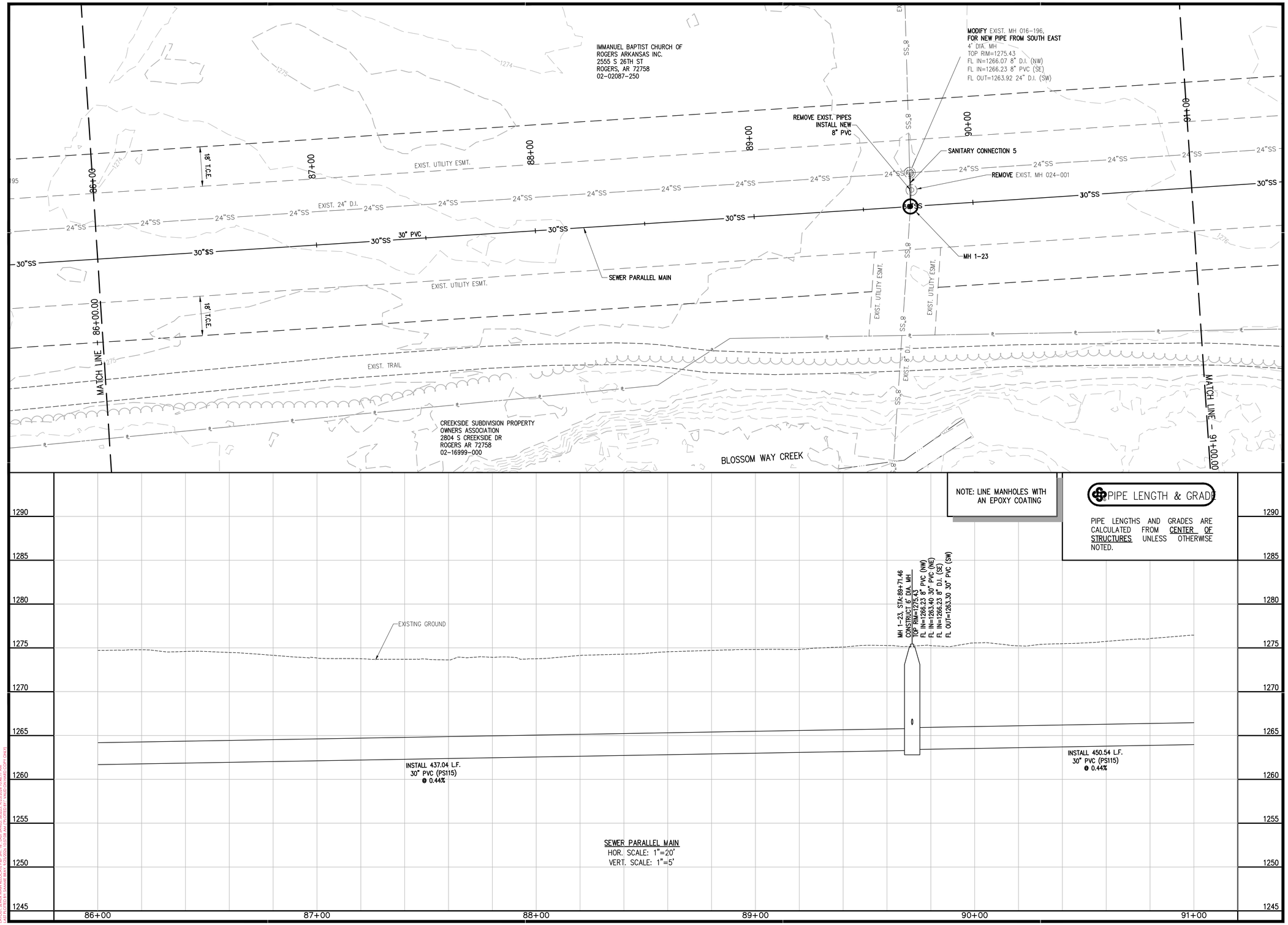
SANITARY SEWER PARALLEL MAIN

C-215

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\PAP 11-21.DWG
LAYOUT: SEWER MAIN RESTORATION PAP (SR) TS LAST MAYED: 9/25/2026 10:48:11 AM
PLOTTED BY: BURNETT, BRADY (BRADY.BURNETT@CRAFTONTULL.COM) LAST SAVED: 9/25/2026 10:48:11 AM



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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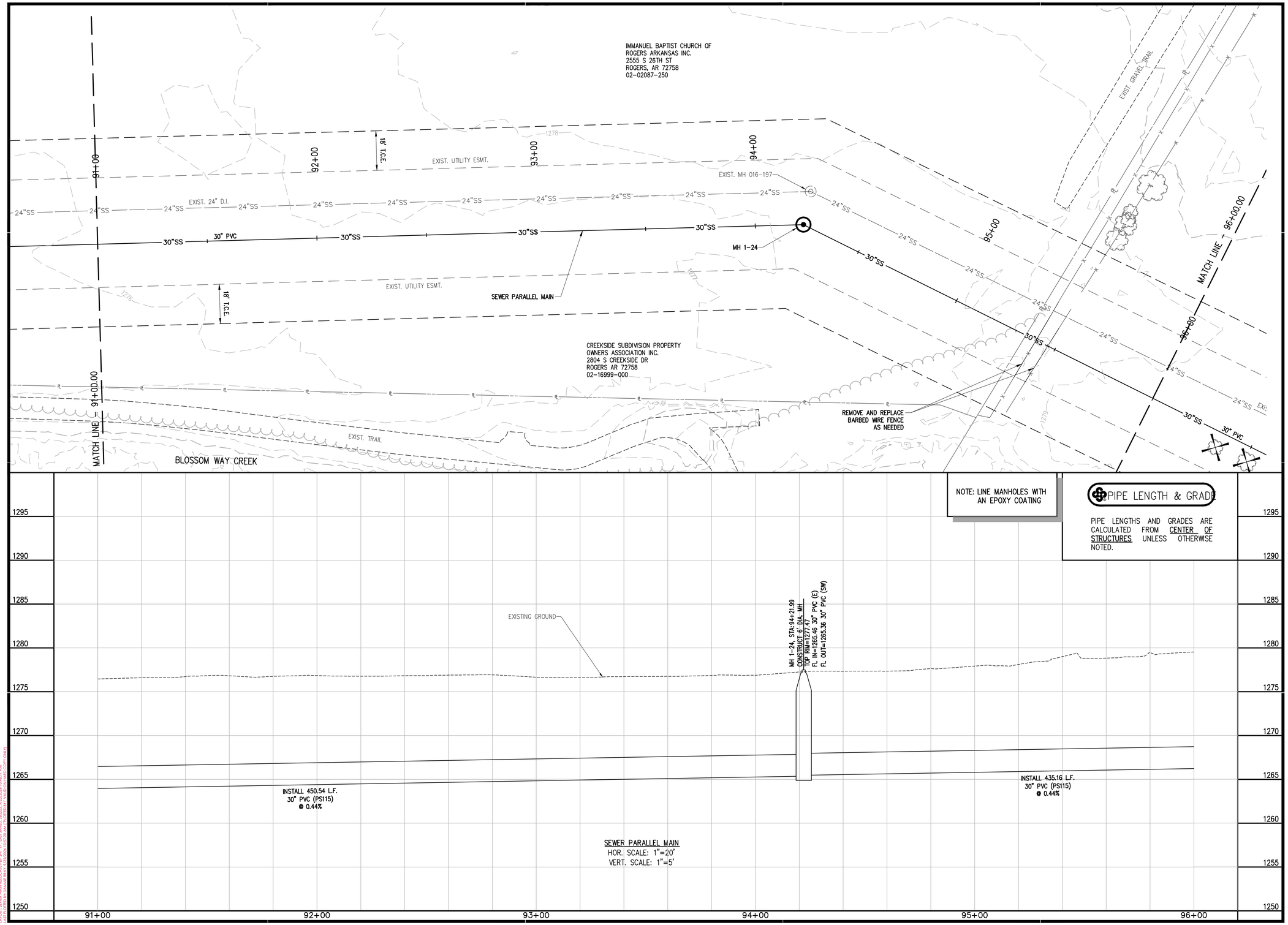
SANITARY SEWER PARALLEL MAIN

C-216

DRAWING: C:\23100300_BLOSSOMWAYWRRSTRUCTURES\DWG\SANITARY MAIN\TB-11-21.DWG
LAYOUT: SEWER MAIN BLOCKAT PAR 16, LAST SAVED: 9/25/2026 3:48:11 AM
PLOTTED BY: BURNETT, BRADY LAST REVISED: 9/25/2026 3:48:11 AM



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No. 109
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GRAPHIC SCALE IN FEET
20' 0 20'

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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William C. Burnett
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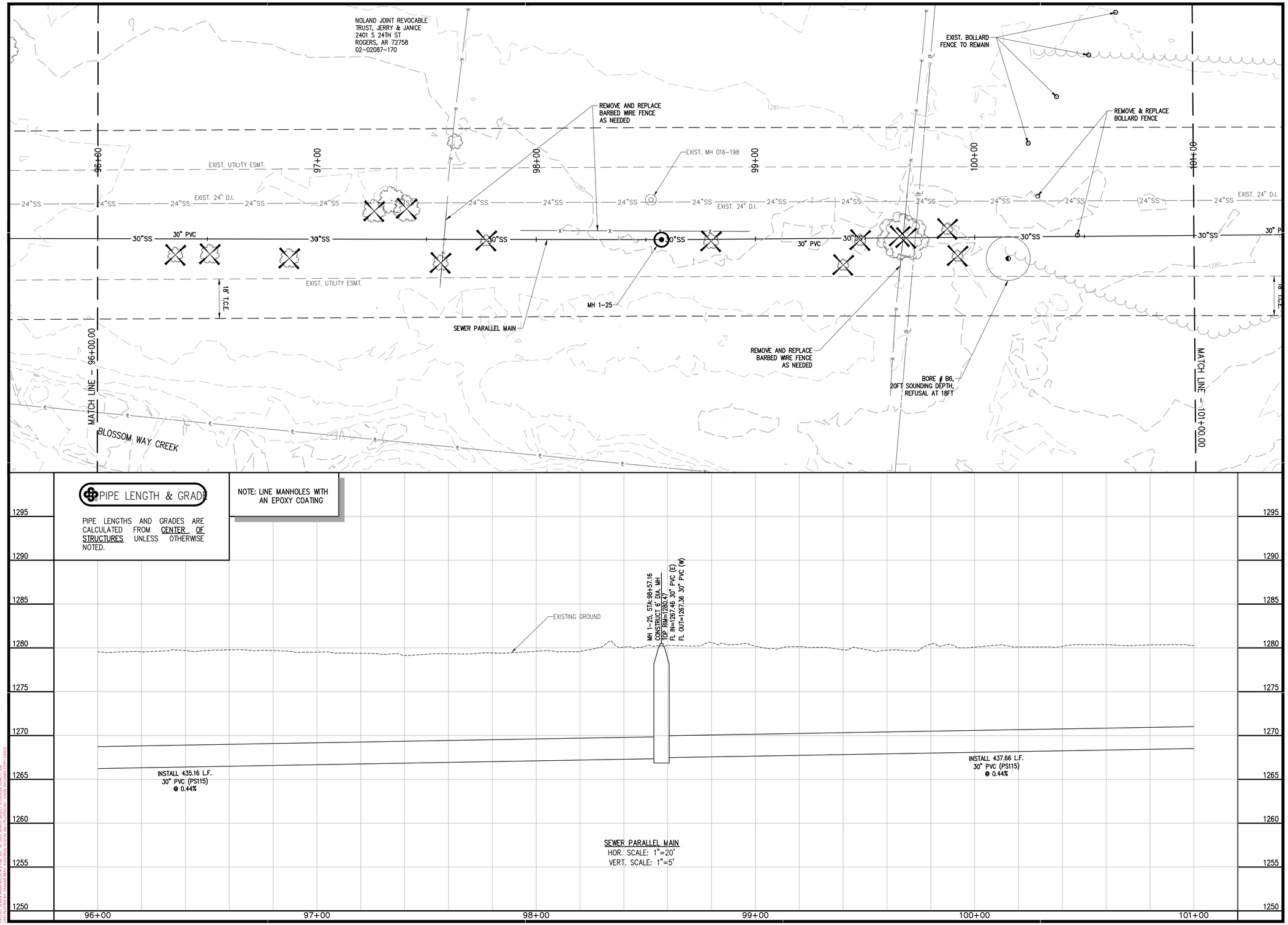
SANITARY SEWER PARALLEL MAIN

C-217

DRAWING: C:\23100300_BLOSSOMWAYWERRESTRICTS\CIVIL\DWG\SANITARY MAIN\TB-11-21.DWG
LAYOUT: SEWER MAIN BLOCKAT PAR 1D1, 17, LAST SAVED: 9/25/2026 3:46:11 AM
PLOTTED BY: BURNETT, BRYCE ON: 9/25/2026 3:46:11 AM (COPY (2)(2))



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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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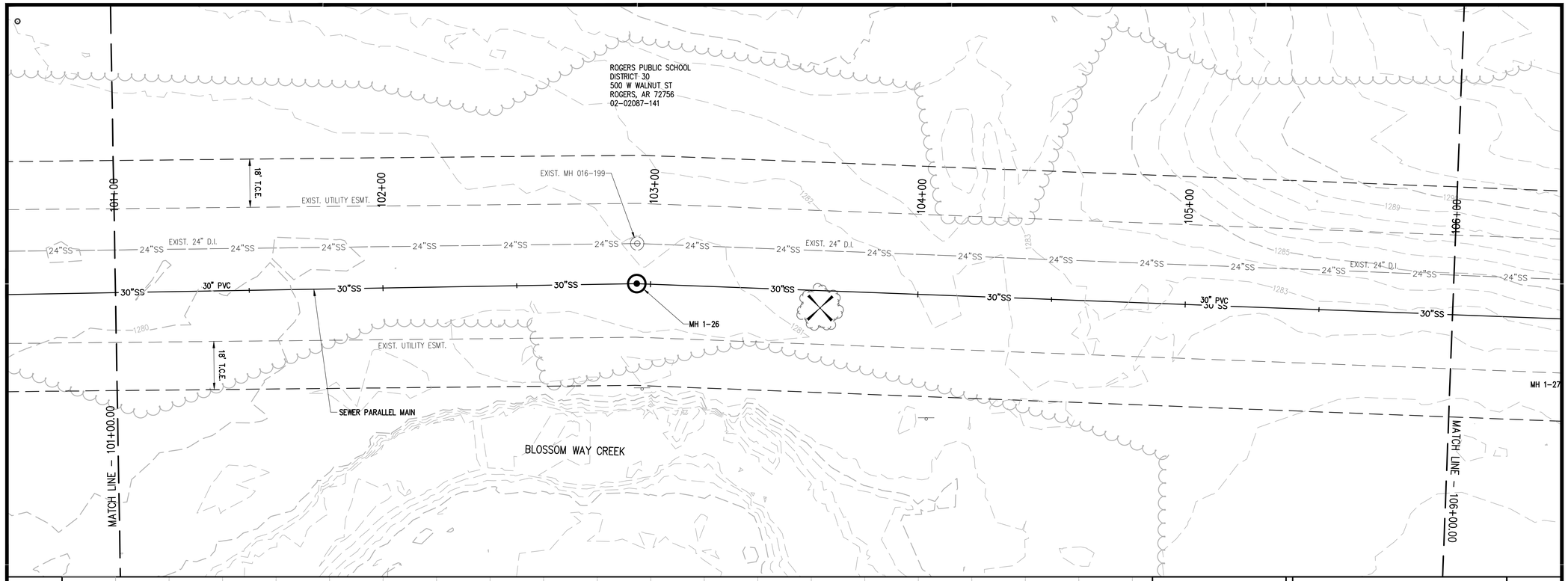
SANITARY SEWER PARALLEL MAIN

C-218

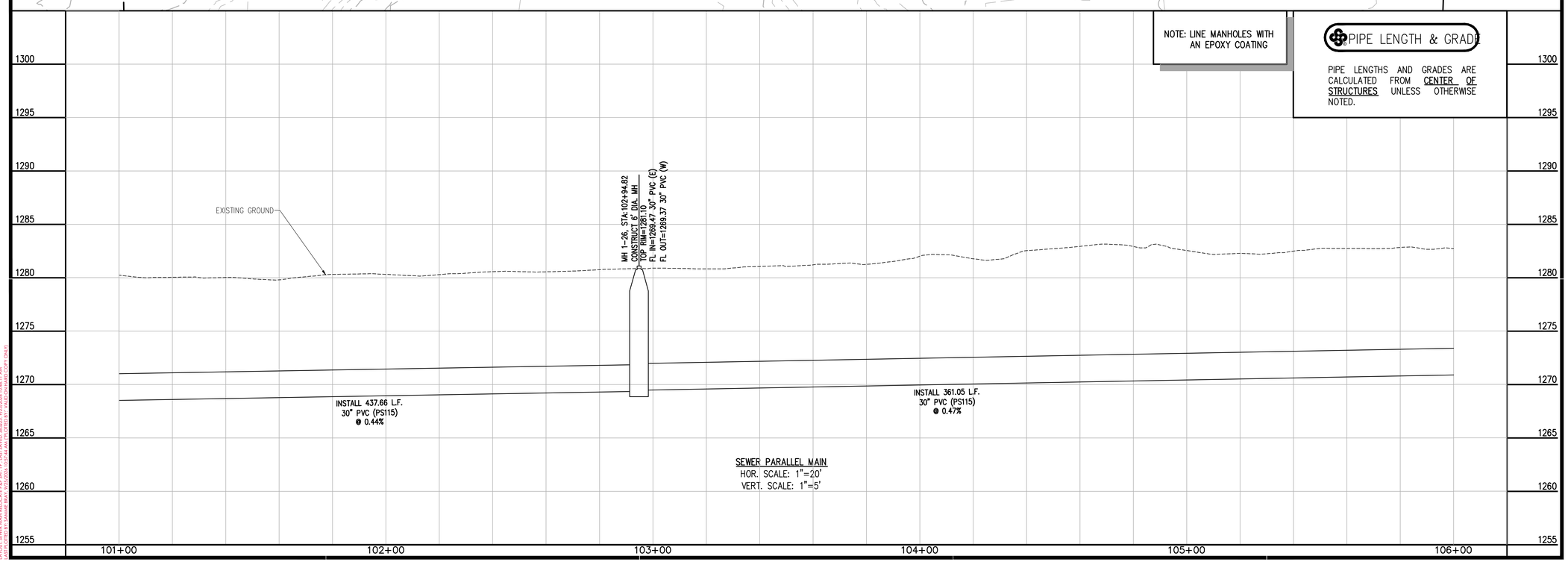
DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN\P&P 11-21.DWG
LAYOUT: SEWER MAIN REDLINE PAP (SHEET 18) LAST MAPED: 9/25/2026 10:48:11 AM
PLOTTED BY: BURNETT, BRADY (CRAFTON, TULL & ASSOCIATES) (COPY ONLY)



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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9/25/26

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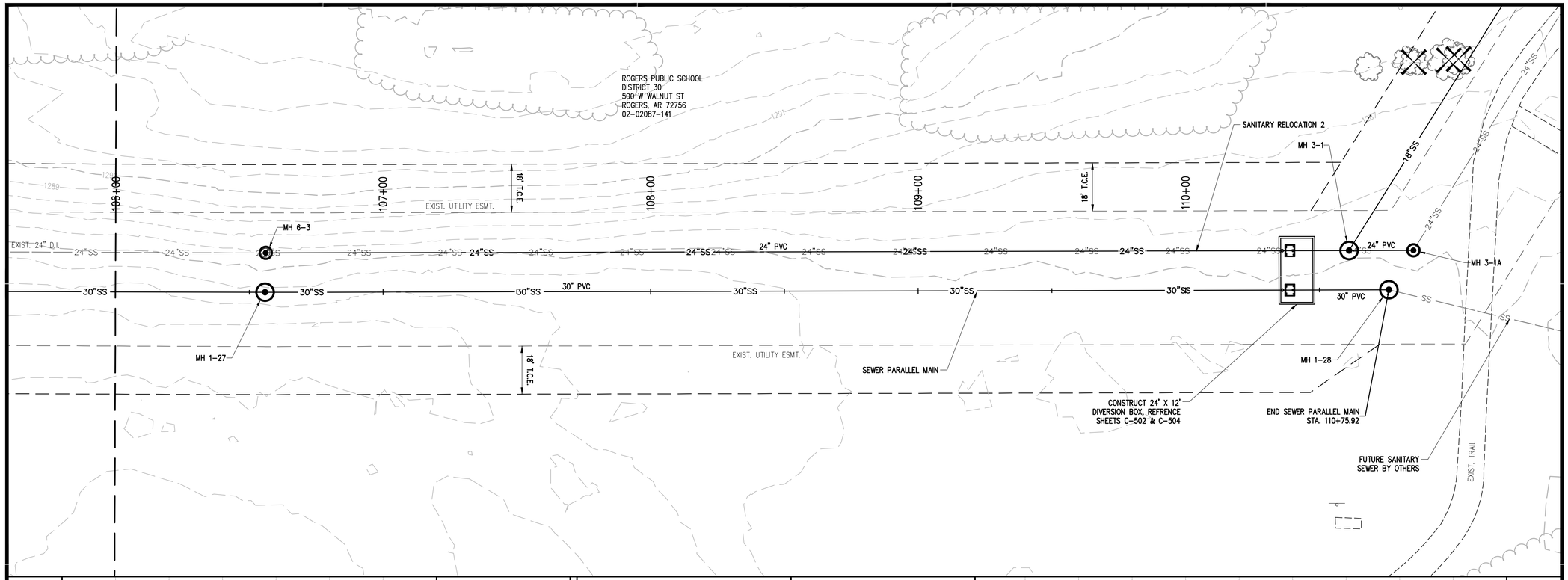
SANITARY SEWER PARALLEL MAIN

C-219

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN P&P 11-21.DWG
LAYOUT: SEWER MAIN REGCAPT BP 2011 P1, LAST SAVED: 9/25/2026 10:48:11 AM
USER: BRIAN BURNETT, PLOTTED BY: BRIAN BURNETT, PLOT SCALE: 1:1, PAPER SIZE: 24x36 (ARCH D)



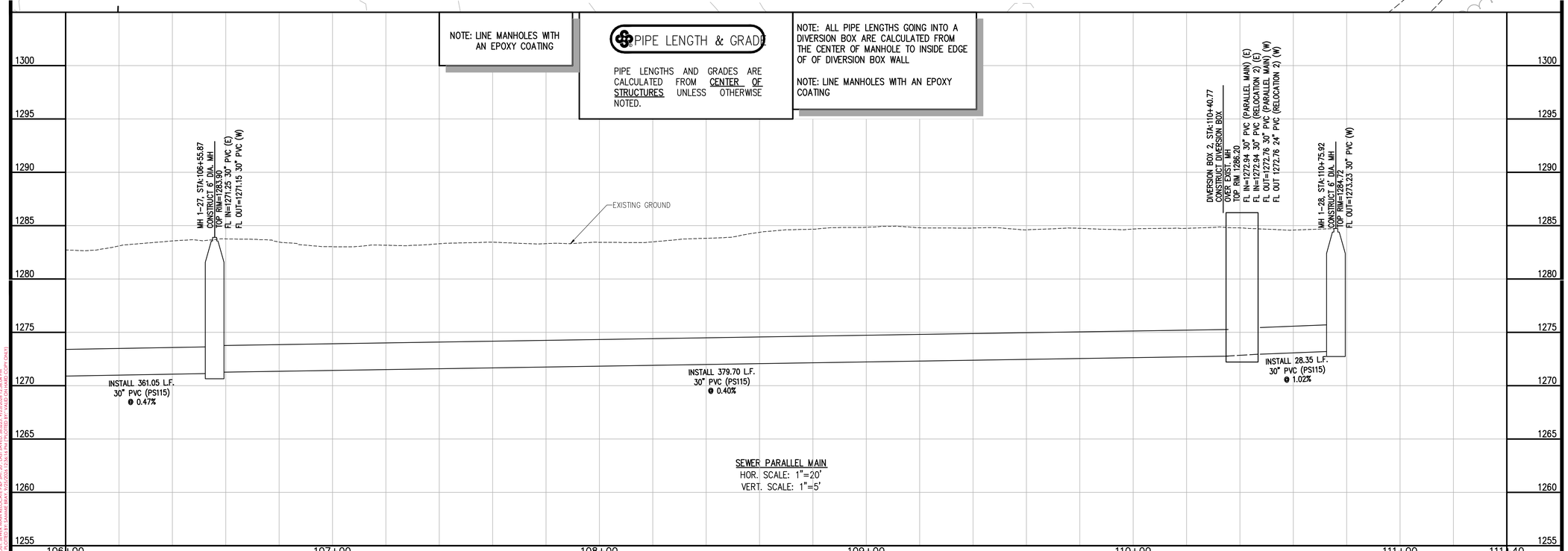
NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS GOING INTO A DIVERSION BOX ARE CALCULATED FROM THE CENTER OF MANHOLE TO INSIDE EDGE OF OF DIVERSION BOX WALL

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SEWER PARALLEL MAIN
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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ISSUE DATE: 09/25/2026
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QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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No. 10208
WILLIAM C. BURNETT
9/25/26

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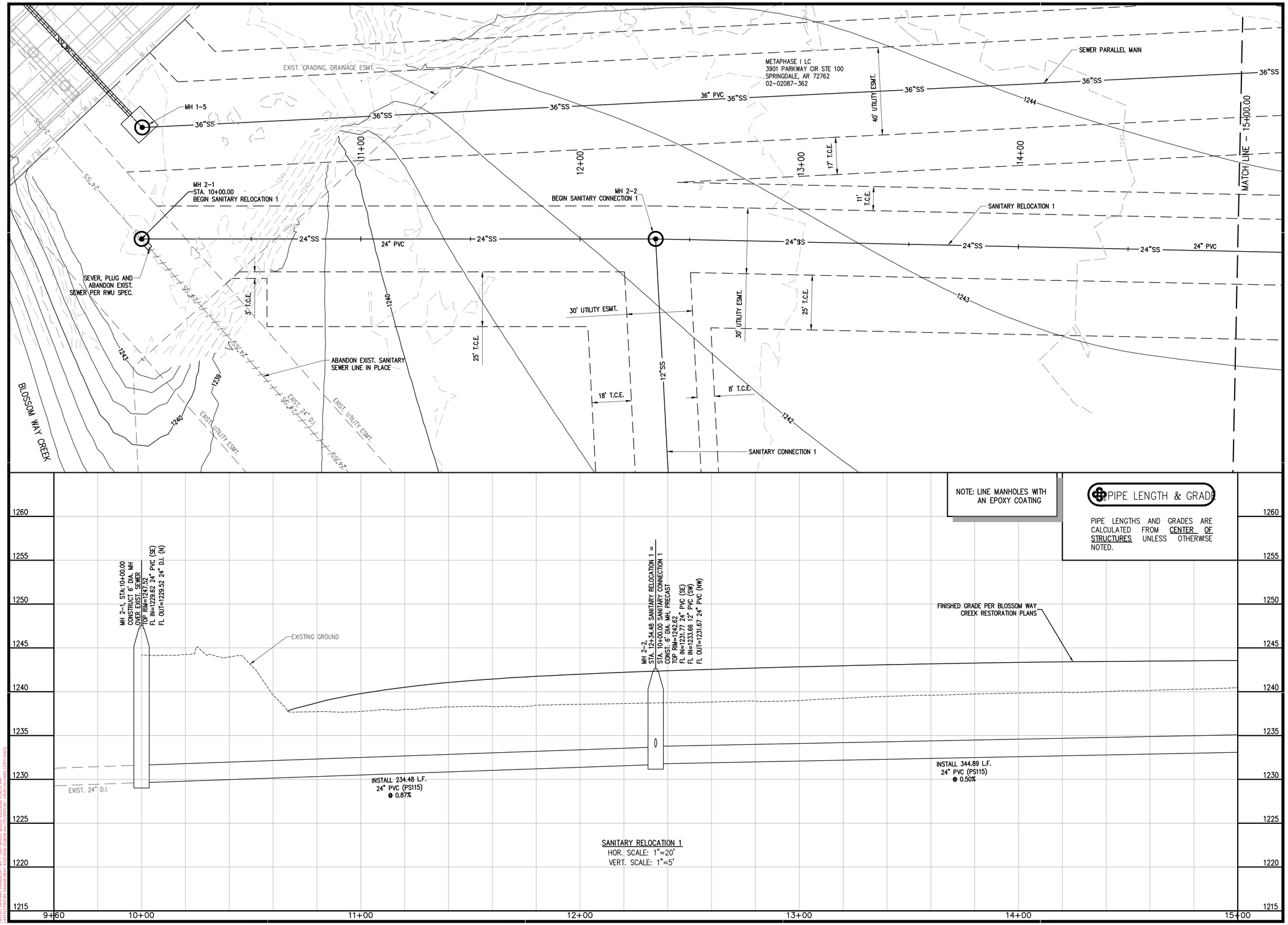
SANITARY SEWER PARALLEL MAIN

C-220

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY MAIN P&P 11-21.DWG
LAYOUT: SEWER MAIN REL-DIA-AT PAP (#1) PLAN AND PROFILE 3/22/2024 12:04:04 PM
XREFS: XREF-TITLE-ARCH-ALL XREF-TITLE-ARCH-ALL-PLOT XREF-TITLE-ARCH-ALL-PLOT-PM CHEST



SANITARY RELOCATION 1
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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479.636.4838 t 479.631.6224 f

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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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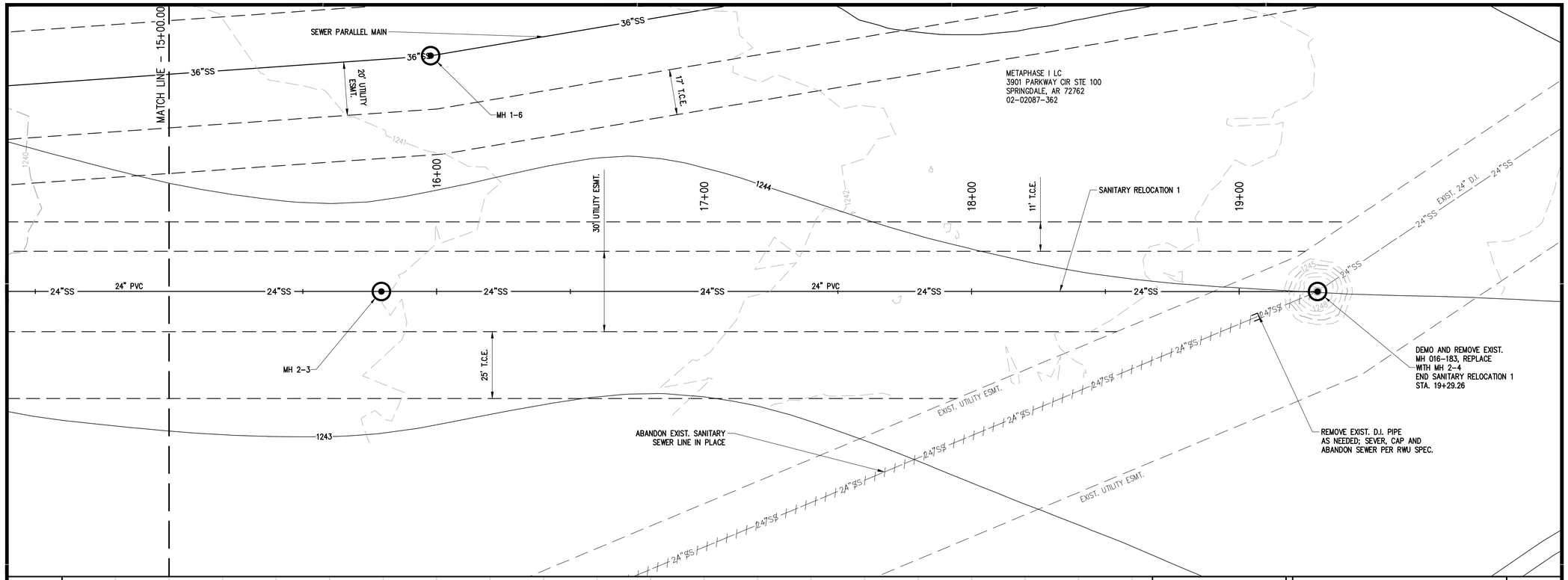
SANITARY RELOCATION 1

C-221

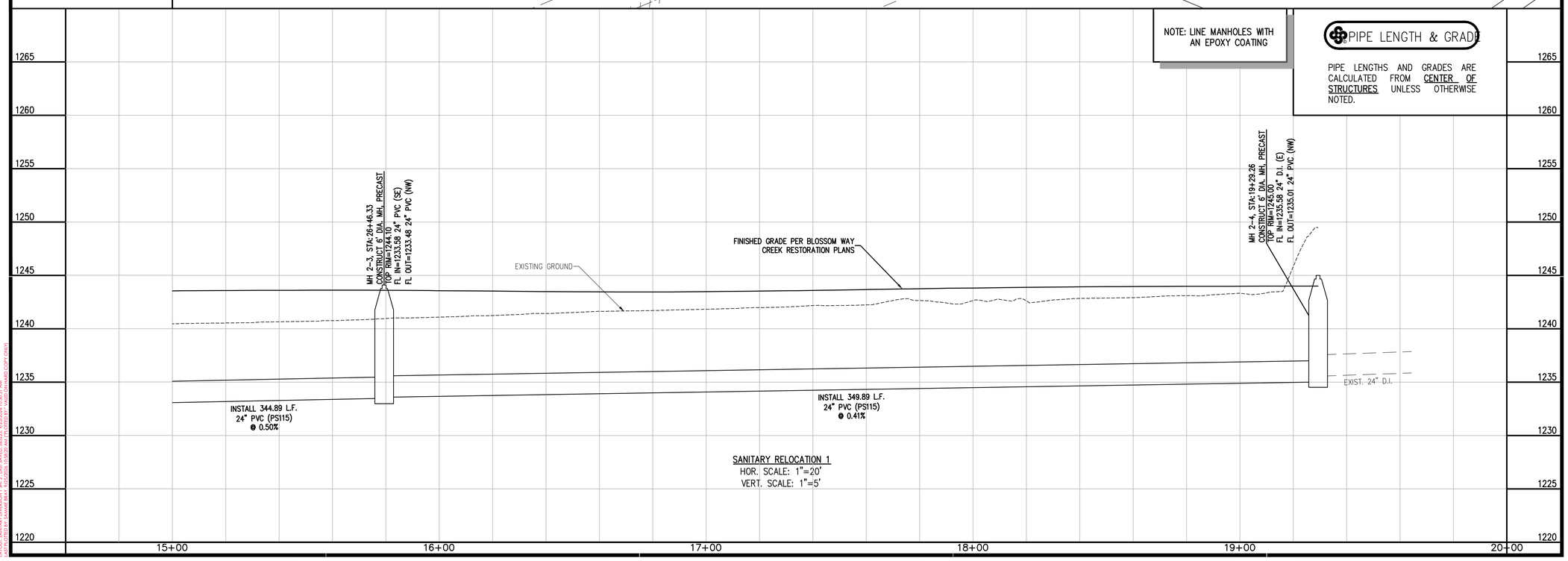
DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION FAP.DWG
LAYOUT: SANITARY DIVERSION 1 PP1 LAST SAVED: 9/25/2026 10:03:51 AM
PLOTTED BY: BURNETT, WILLIAM C. LAST PLOTTED: 9/25/2026 10:03:51 AM
UNLICENSED COPY (ONLY)



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SANITARY RELOCATION 1
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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20' 0 20'

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No. 10208
WILLIAM C. BURNETT
9/25/26

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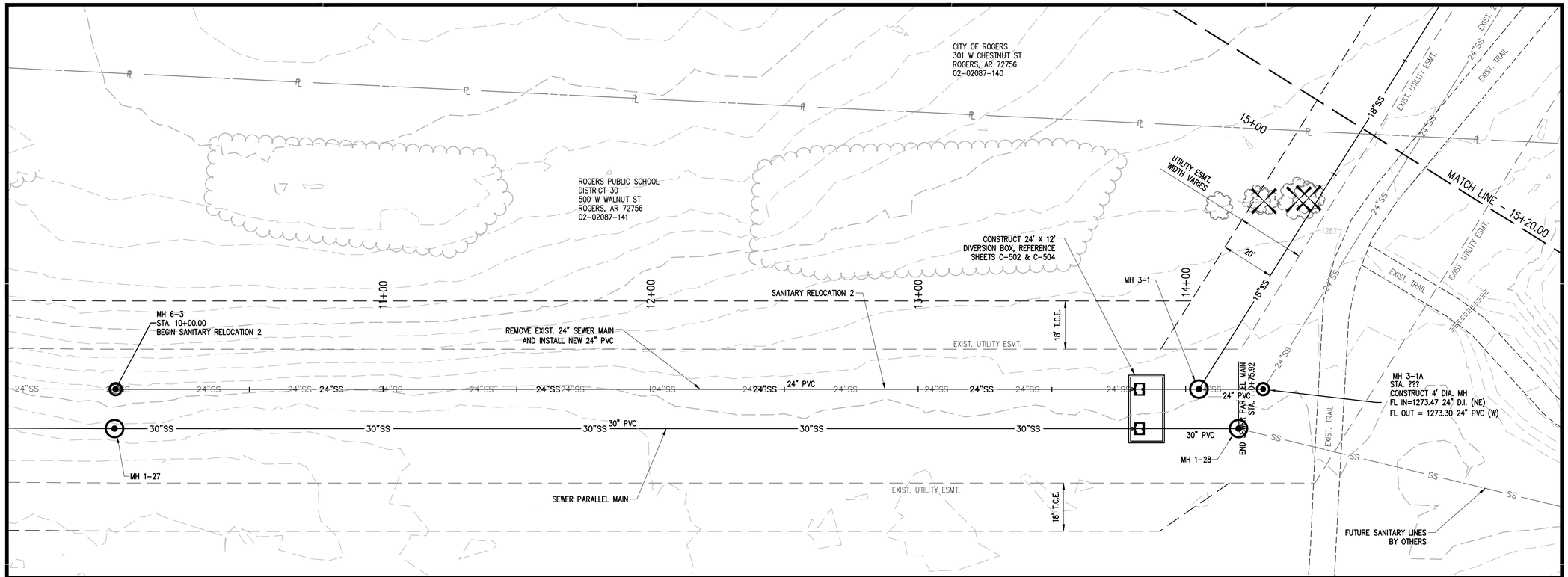
SANITARY RELOCATION 1

C-222

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION FAP.DWG
LAYOUT: SANITARY DIVERSION 1, SHT 2, JOBTEMPLATE, 36X22, 1=20X5=5X1
PLOTTED BY: BURNETT, WILLIAM C. ON 9/25/2026 10:03:51 AM
XREFS: XREF-TOPO, XREF-TOPO-ROAD, XREF-TOPO-TREES, XREF-TOPO-TREES-CONTOURS, XREF-TOPO-TREES-CONTOURS-ROAD, XREF-TOPO-TREES-CONTOURS-ROAD-COPY-ONLY

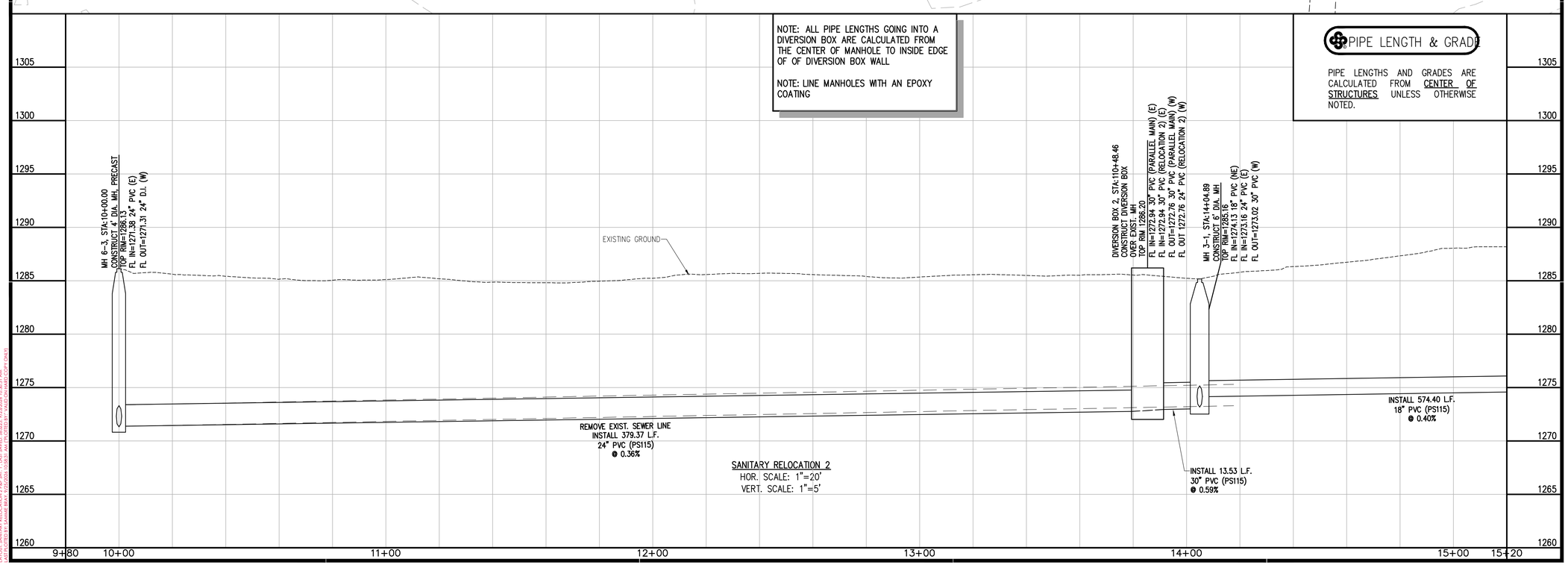


NOTE: ALL PIPE LENGTHS GOING INTO A DIVERSION BOX ARE CALCULATED FROM THE CENTER OF MANHOLE TO INSIDE EDGE OF OF DIVERSION BOX WALL

NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SANITARY RELOCATION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC By: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY RELOCATION 2

C-223

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION P&P.DWG
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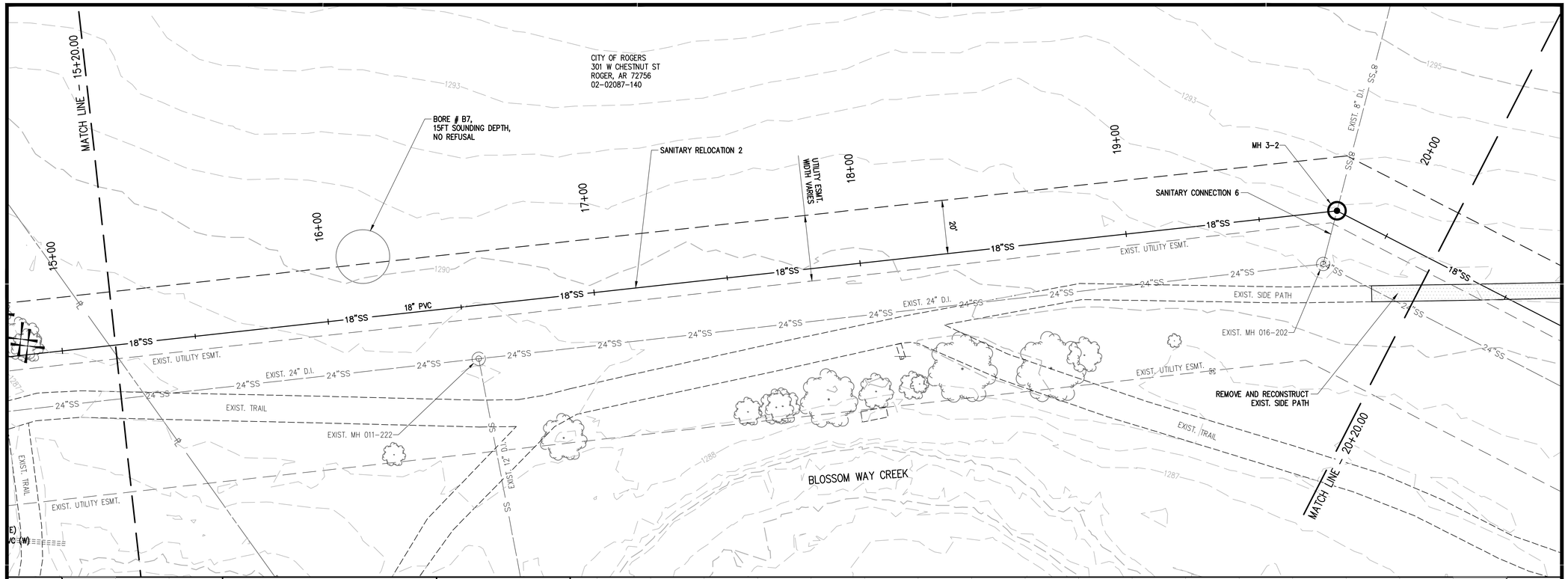
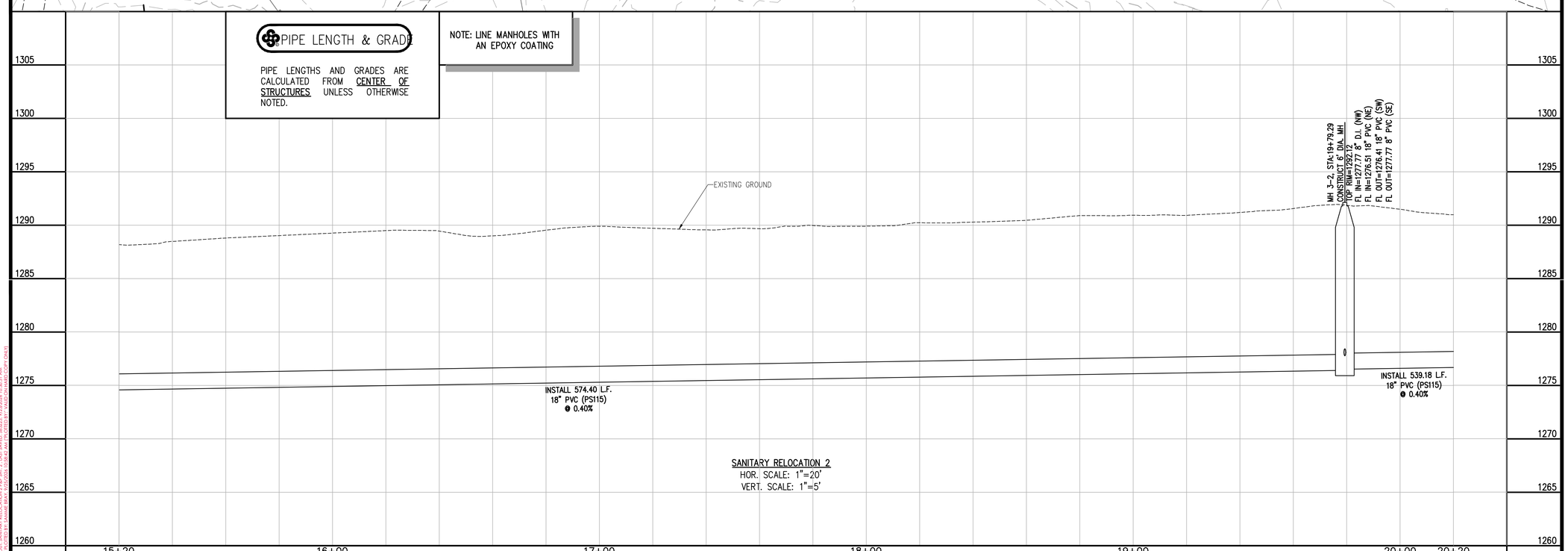
USER: BRIAN BURNETT - PLOTTED: 9/25/2026 10:30:51 AM - PAGE SETUP: ANSI C (18.00 X 24.00 INCHES)



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SANITARY RELOCATION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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Rogers, Arkansas 72756
Crafton Tull
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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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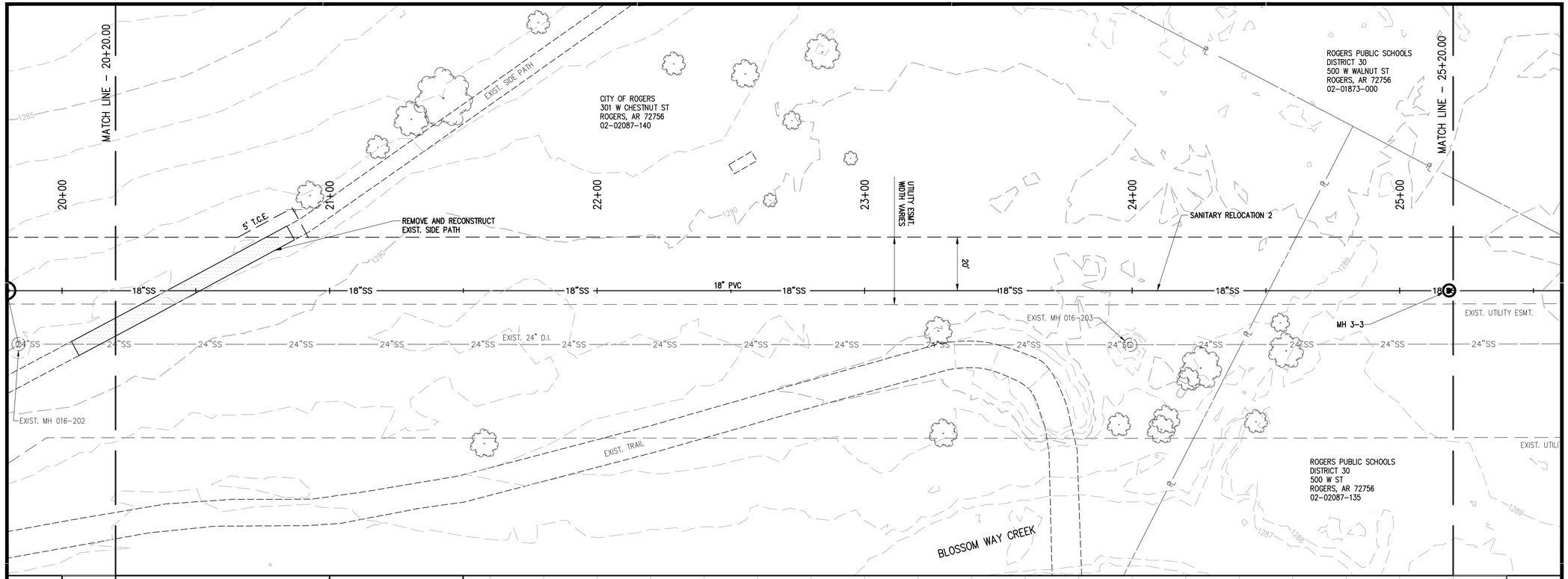
SANITARY RELOCATION 2

C-224

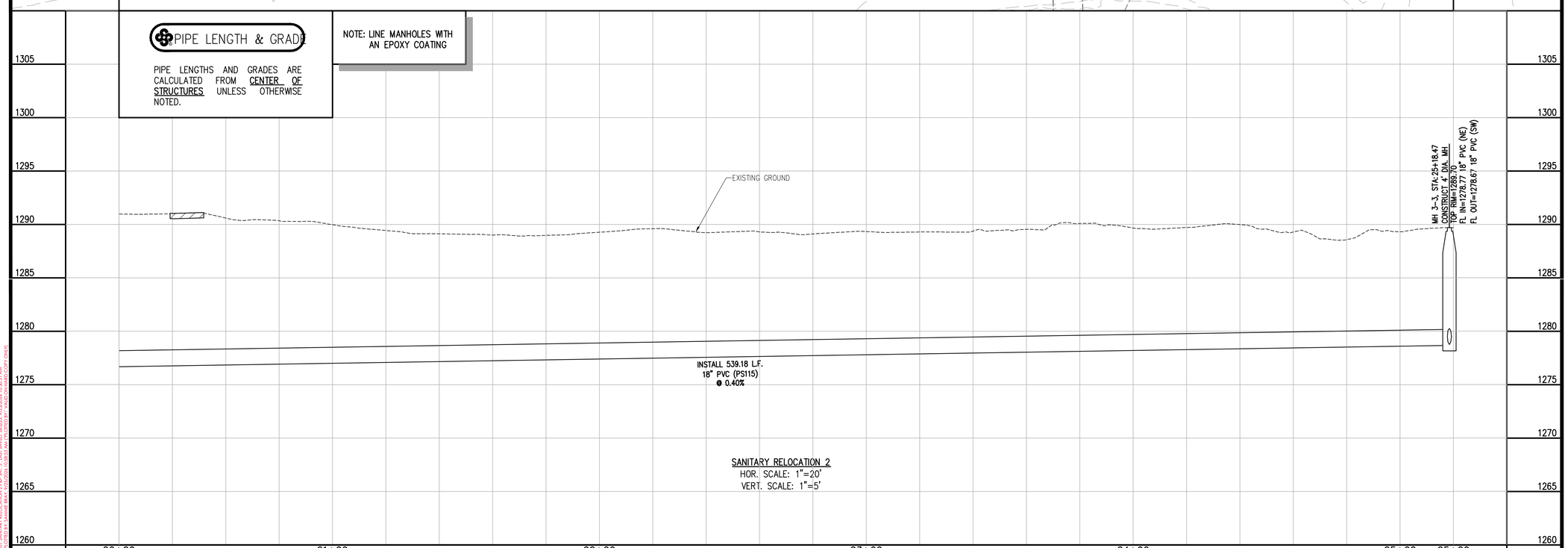
DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION P&P.DWG
LAYOUT: SANITARY RELOCATION 2 P&P PDF, LAST SAVED: 9/25/2026 10:30:51 AM
PLOTTED BY: BURNETT, WILLIAM C. LAST PLOTTED: 9/25/2026 10:30:51 AM



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SANITARY RELOCATION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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20' 0 20'

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ROGERS, ARKANSAS

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QC Date: 2/06/2024

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9/25/26

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SANITARY RELOCATION 2

C-225

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION P&P.DWG
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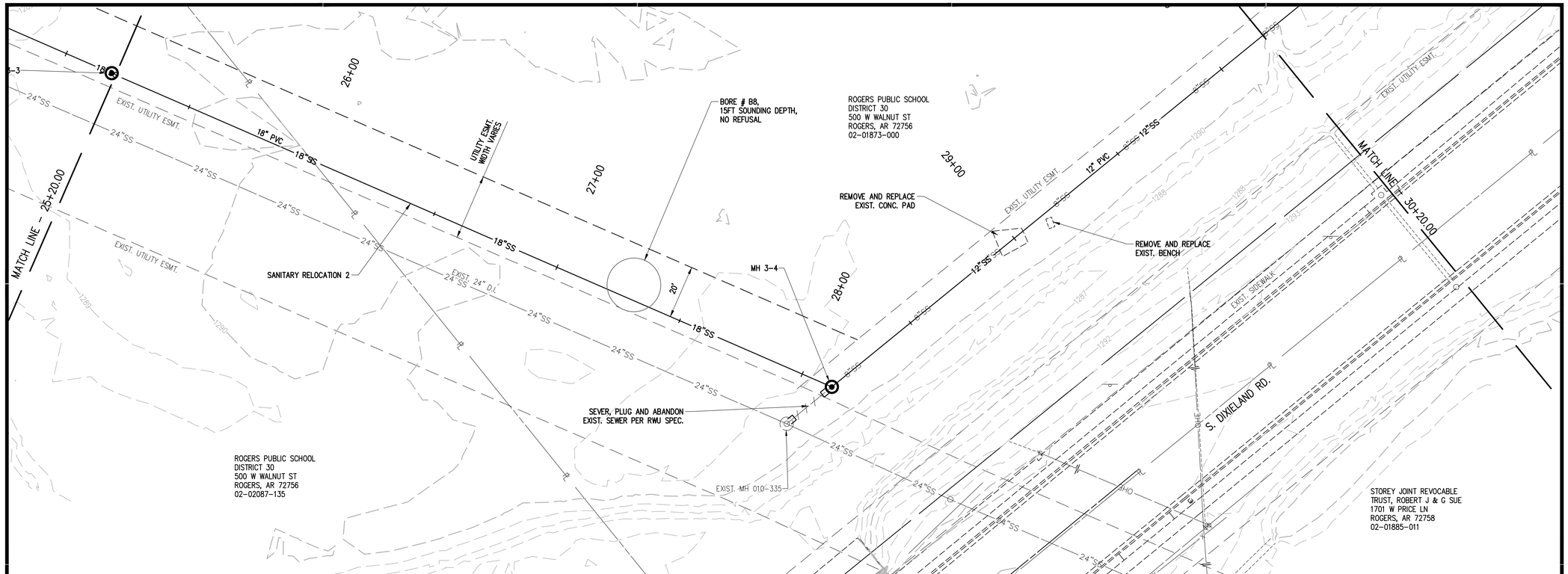
PLOTTED BY: BURNETT, WILLIAM C. ON THURSDAY, SEPTEMBER 25, 2026 - 10:36:31 AM CDT

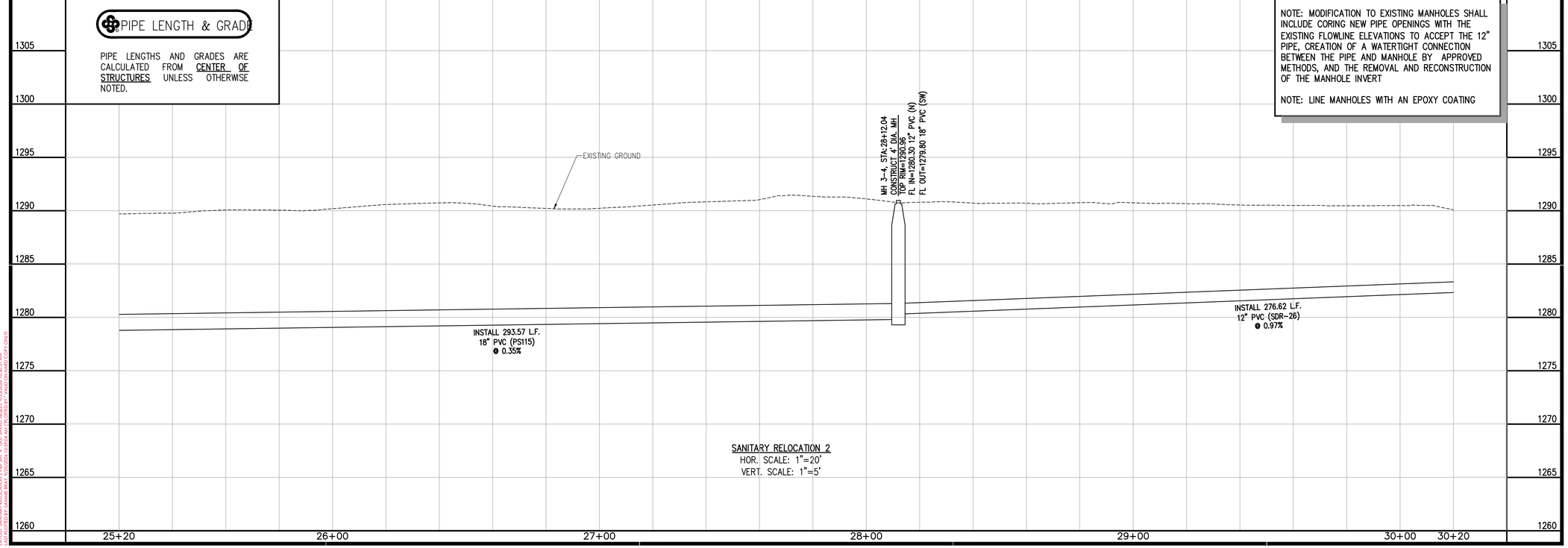


PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: MODIFICATION TO EXISTING MANHOLES SHALL INCLUDE CORING NEW PIPE OPENINGS WITH THE EXISTING FLOWLINE ELEVATIONS TO ACCEPT THE 12" PIPE, CREATION OF A WATERTIGHT CONNECTION BETWEEN THE PIPE AND MANHOLE BY APPROVED METHODS, AND THE REMOVAL AND RECONSTRUCTION OF THE MANHOLE INVERT

NOTE: LINE MANHOLES WITH AN EPOXY COATING



SANITARY RELOCATION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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WILLIAM C. BURNETT
9/25/26

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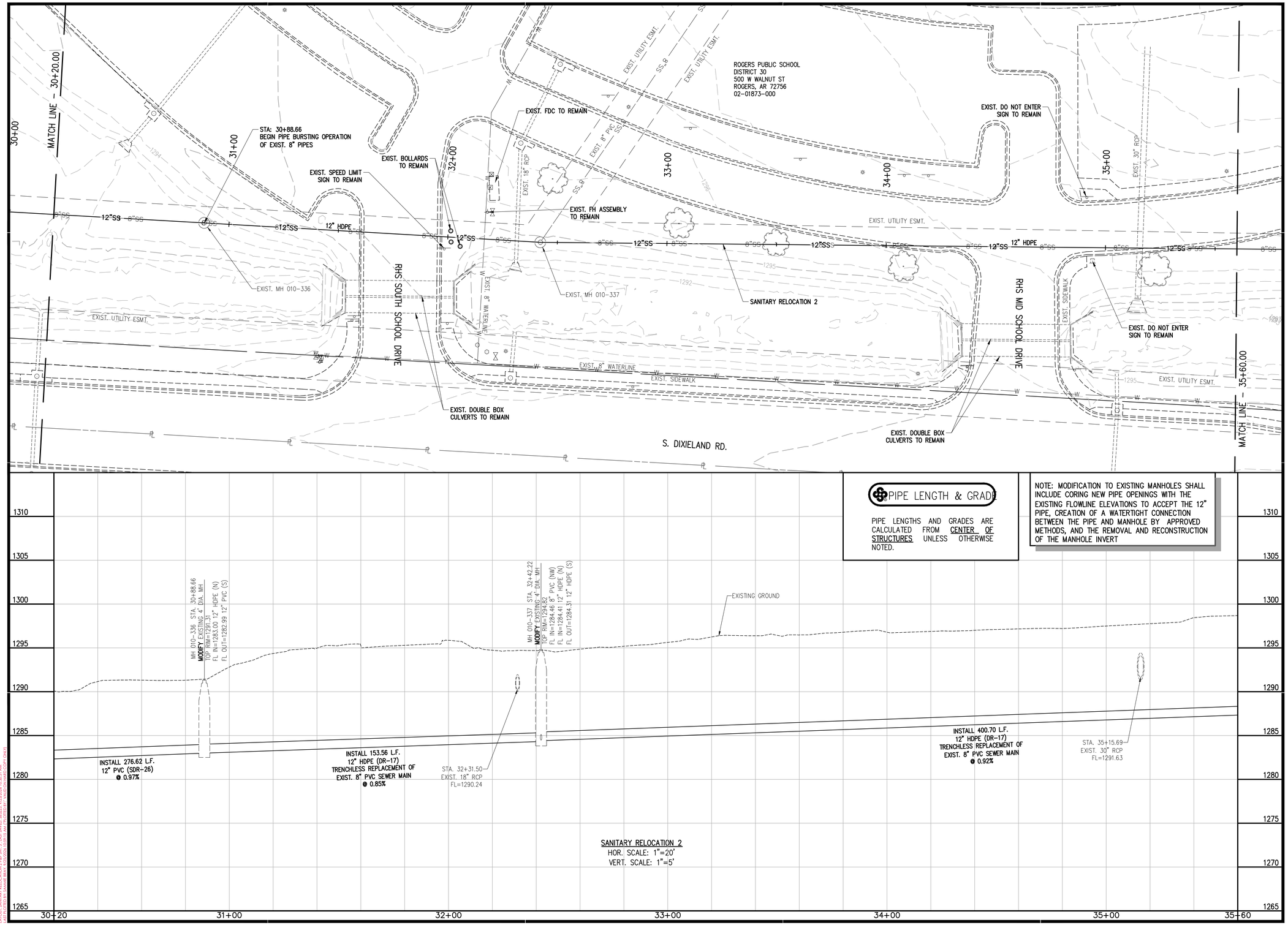
SANITARY RELOCATION 2

C-226

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION FAP.DWG
LAYOUT: SANITARY RELOCATION 2 FAP SEW. & LAT. MAINS (SHEET 2 OF 2) DATE: 9/25/2026 10:30:31 AM
PLOTTED BY: Brad Burnett (LAST SAVED BY: bburnett) PLOT SCALE: 1:1 (DO NOT COPY ONLY)



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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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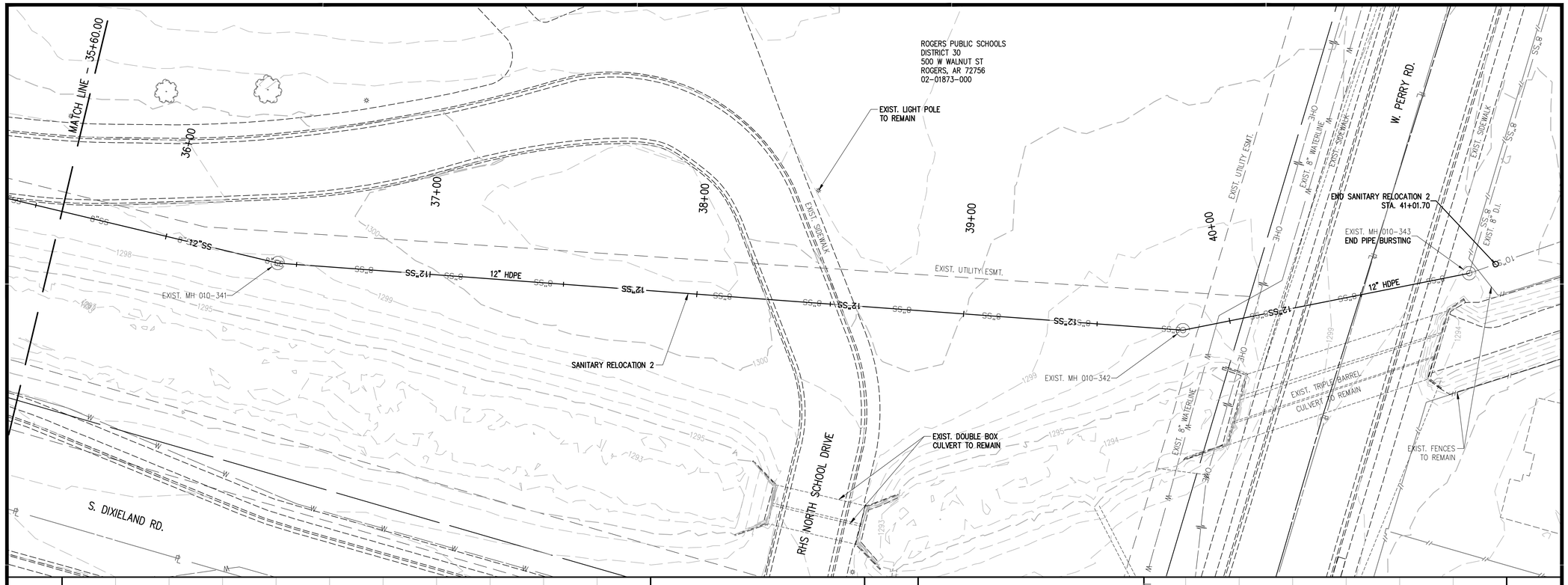
SANITARY RELOCATION 2

C-227

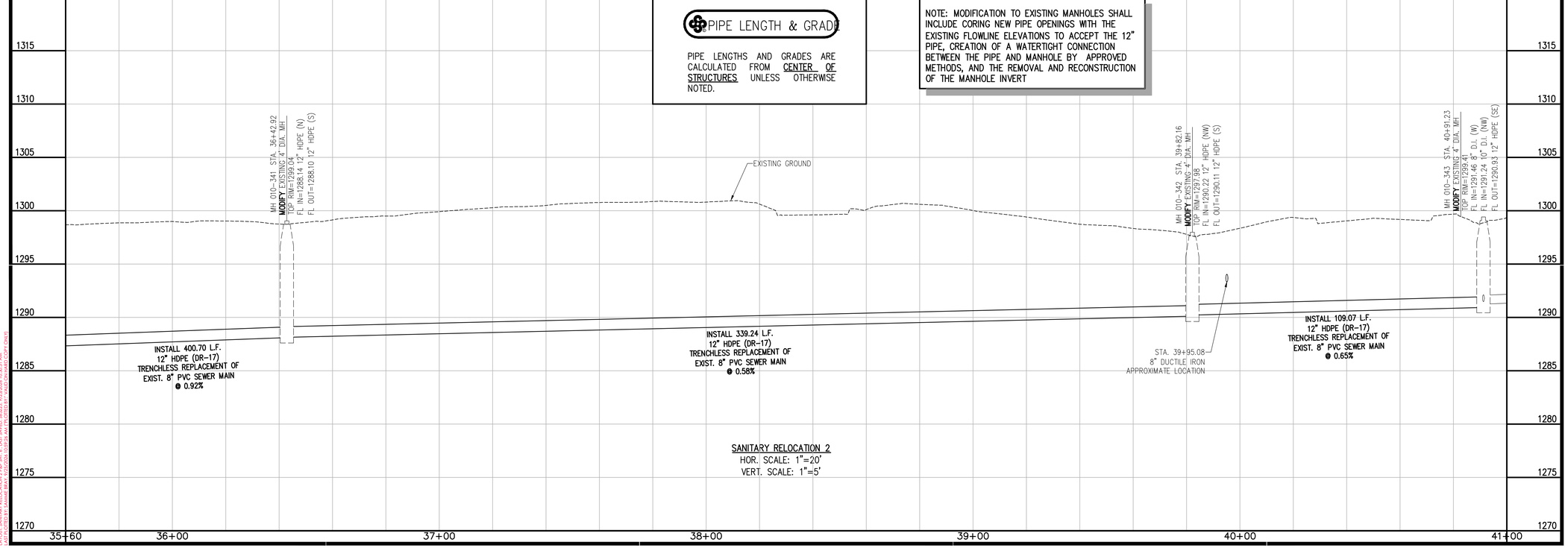
DRAWING: C:\23100300_BLOSSOMWAY\PRESTRICTS\CIVIL\DWG\SANITARY DIVERSION P&P.DWG
LAYOUT: SANITARY RELOCATION P&P SHT. 5 LAST SAVED: 9/25/2026 10:28:53 AM
PLOTTED BY: BURNETT, WILLIAM C. LAST PLOTTED: 9/25/2026 10:28:53 AM



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: MODIFICATION TO EXISTING MANHOLES SHALL INCLUDE CORING NEW PIPE OPENINGS WITH THE EXISTING FLOWLINE ELEVATIONS TO ACCEPT THE 12" PIPE, CREATION OF A WATERTIGHT CONNECTION BETWEEN THE PIPE AND MANHOLE BY APPROVED METHODS, AND THE REMOVAL AND RECONSTRUCTION OF THE MANHOLE INVERT



SANITARY RELOCATION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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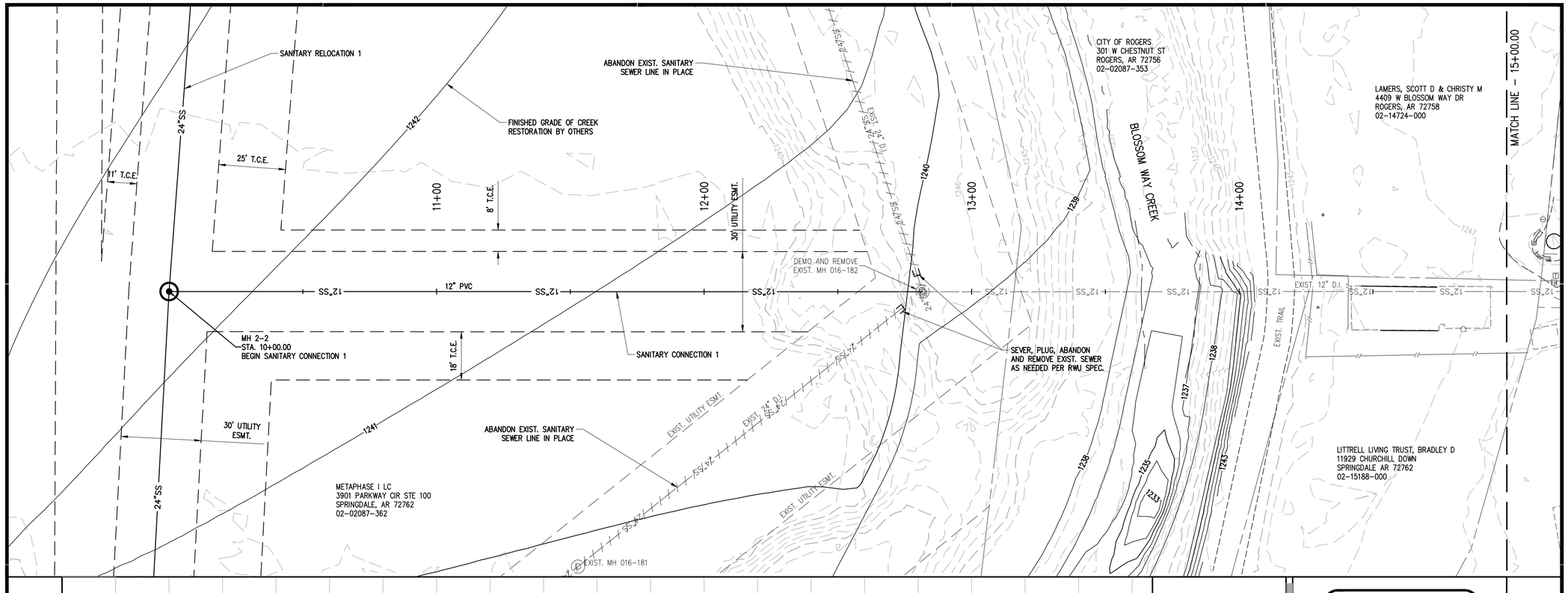
SANITARY RELOCATION 2

C-228

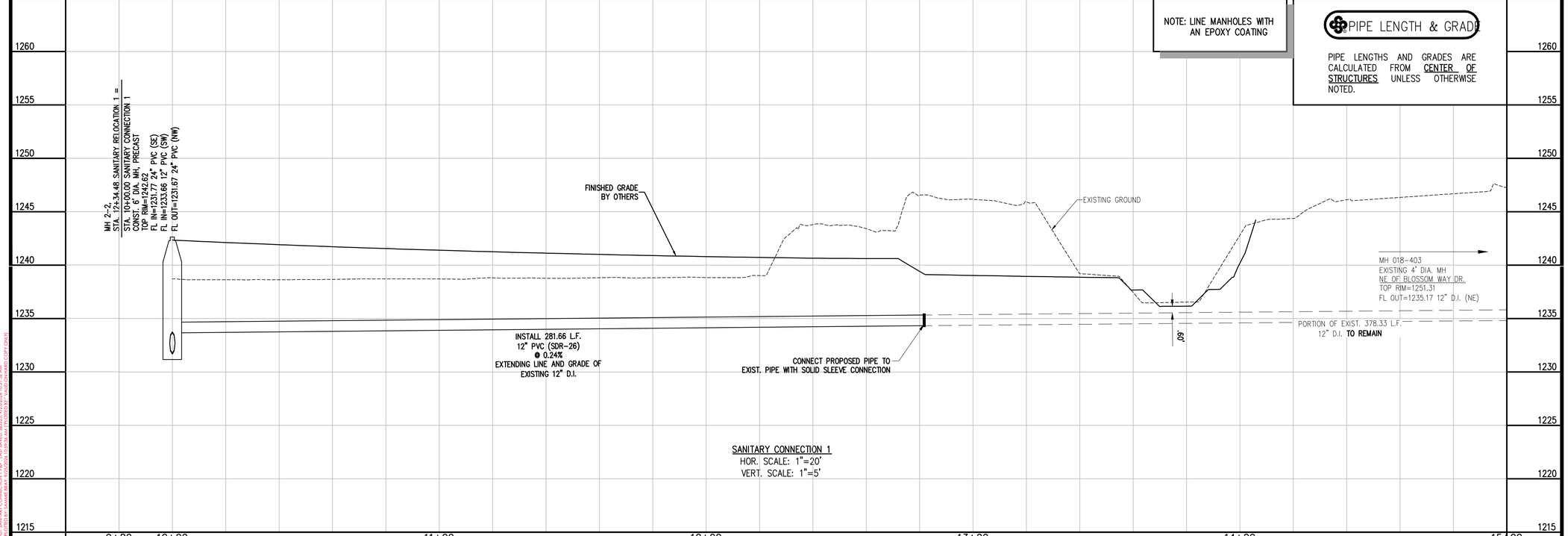
DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY DIVERSION FIX\P.DWG
LAYOUT: SANITARY RELOCATION 2 PAPERS: 8.5X11 MARG: (25SEC8_1920X1200.DWG)
PLOTTED BY: BURNETT, BILL ON: 9/25/2026 10:30:31 AM (PDF ONLY)



NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SANITARY CONNECTION 1
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

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ROGERS, ARKANSAS

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QC Date: 2/06/2024

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No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY CONNECTION 1

C-229

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS FMP.DWG
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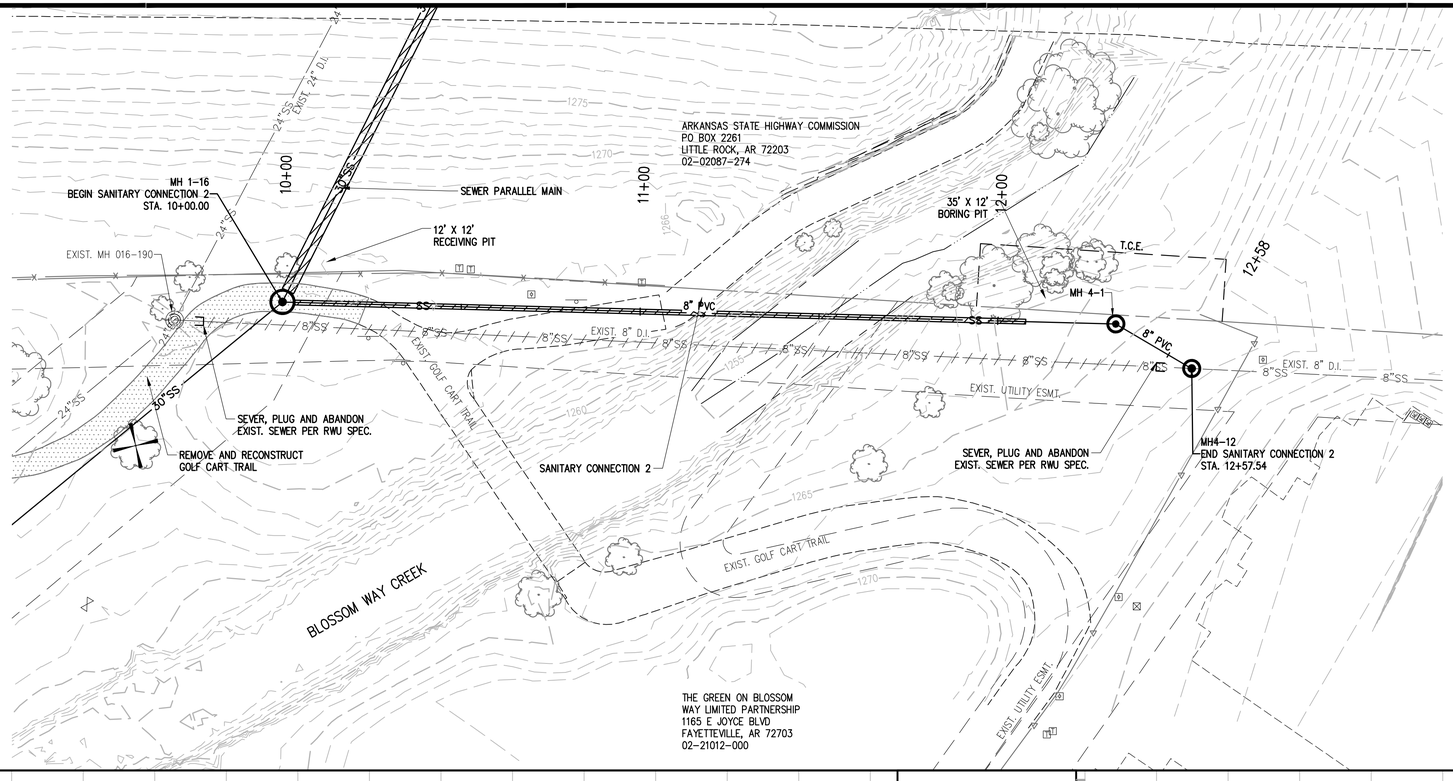
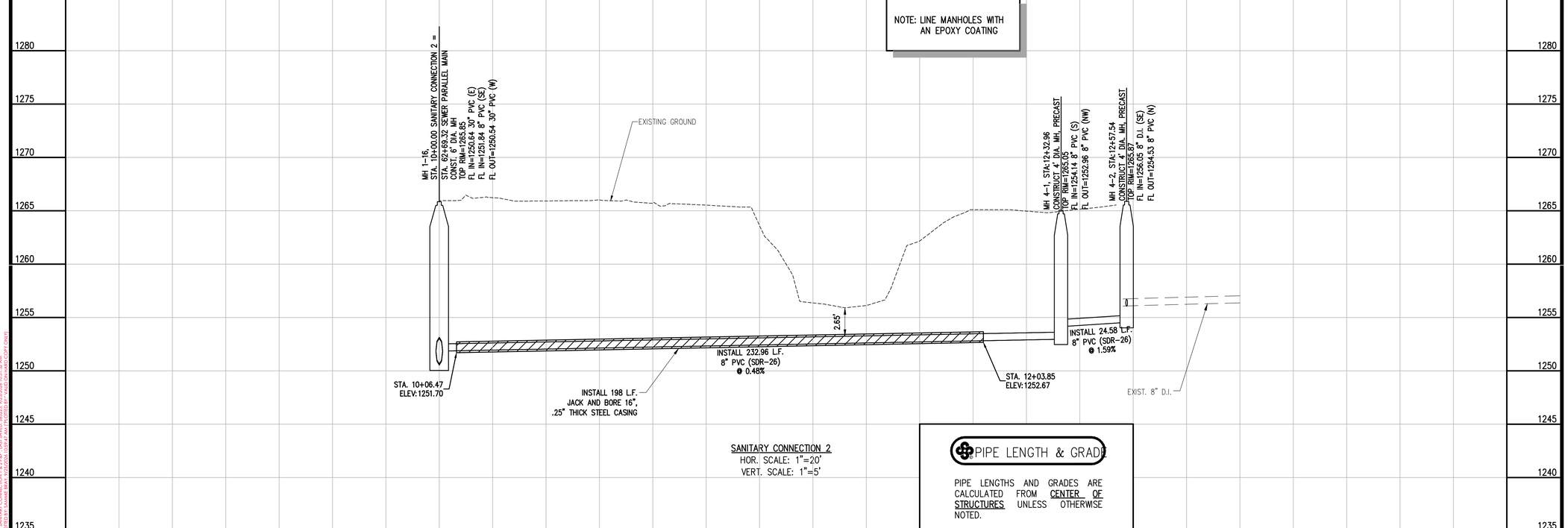


NOTE: LINE MANHOLES WITH AN EPOXY COATING



SANITARY CONNECTION 2
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY CONNECTION 2

C-230

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTION 2 P&P.DWG
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PLOTTED BY: Brian Burnett Friday, September 26, 2025 10:11:36 AM
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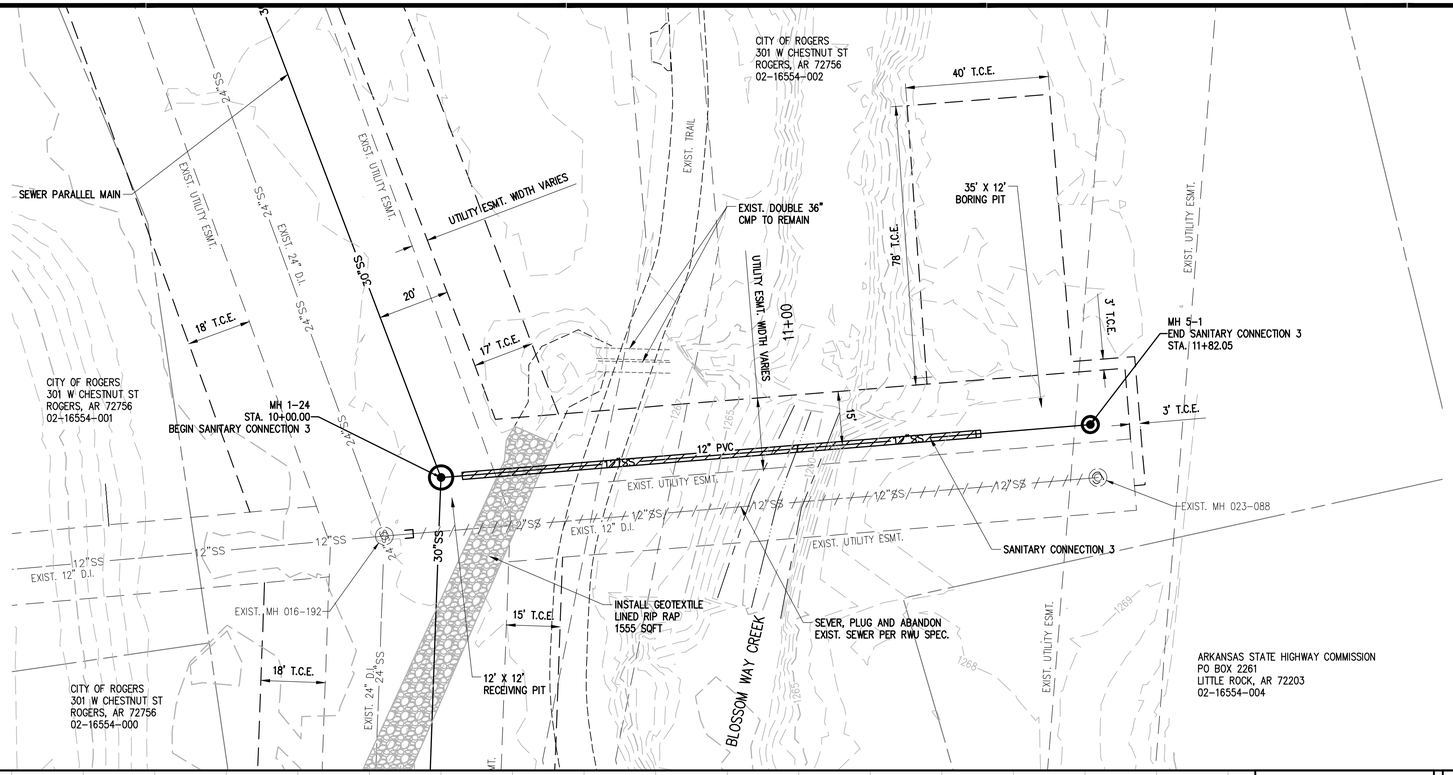
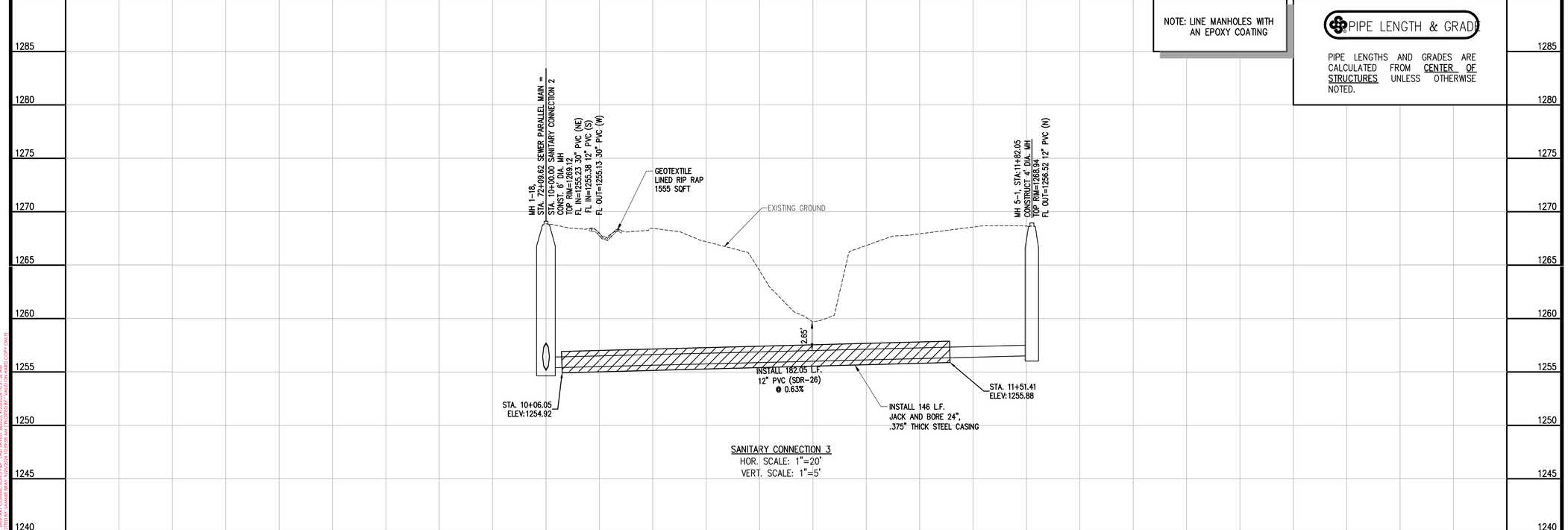


NOTE: LINE MANHOLES WITH AN EPOXY COATING

PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.



SANITARY CONNECTION 3
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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Crafton Tull
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No. 109
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GRAPHIC SCALE IN FEET
20' 0 20'

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QC Date: 2/06/2024

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REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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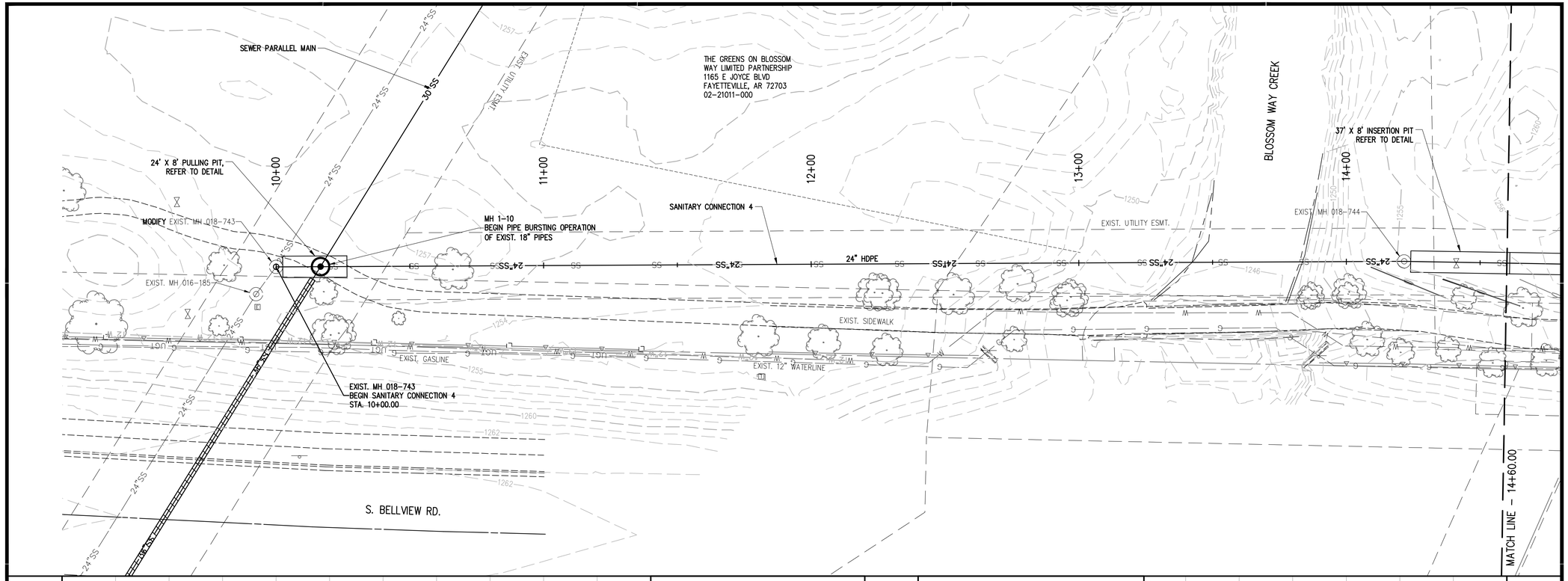
SANITARY CONNECTION 3

C-231

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS FIXF.DWG
LAYOUT: SANITARY CONNECTION 3 FIXF - LAST SAVED: 9/25/2026, 10:25:26 AM
PLOTTED BY: BURNETT, WILLIAM C. (WILLIAM.BURNETT@CRAFTONTULL.COM) - LAST PLOTTED: 9/25/2026, 10:25:26 AM



PIPE LENGTH & GRADE

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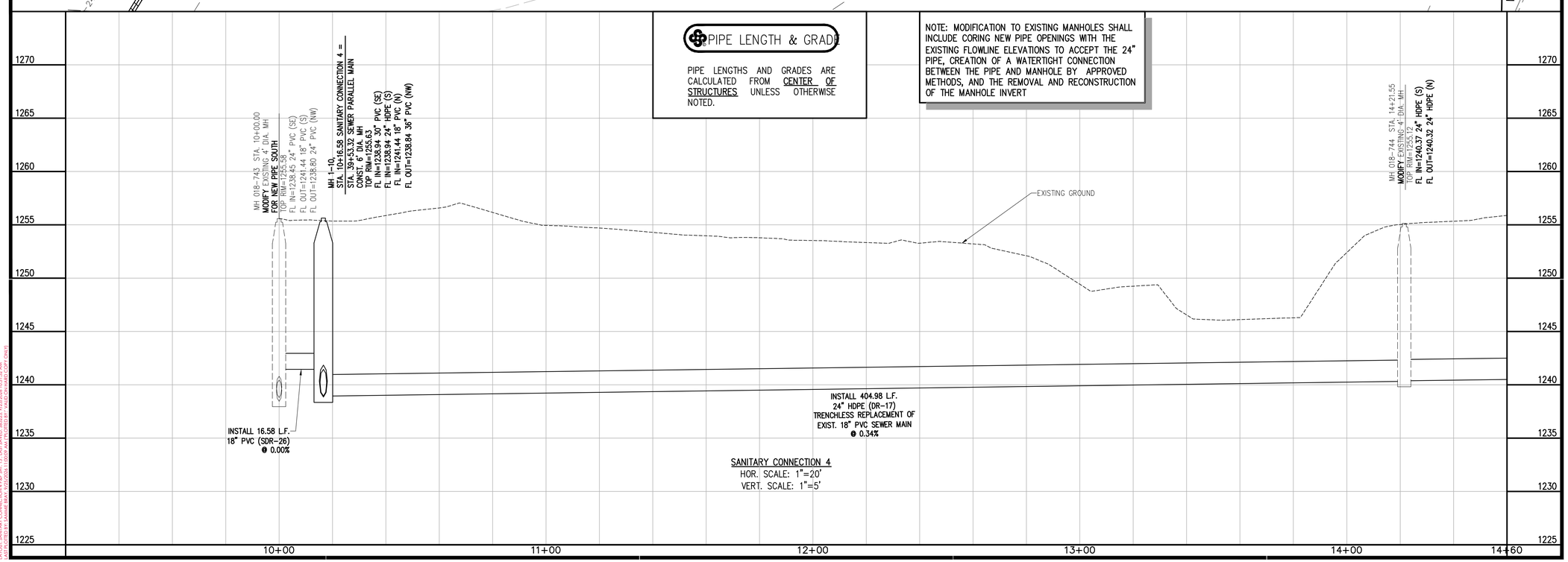
NOTE: MODIFICATION TO EXISTING MANHOLES SHALL INCLUDE CORING NEW PIPE OPENINGS WITH THE EXISTING FLOWLINE ELEVATIONS TO ACCEPT THE 24" PIPE, CREATION OF A WATERTIGHT CONNECTION BETWEEN THE PIPE AND MANHOLE BY APPROVED METHODS, AND THE REMOVAL AND RECONSTRUCTION OF THE MANHOLE INVERT



SANITARY CONNECTION 4
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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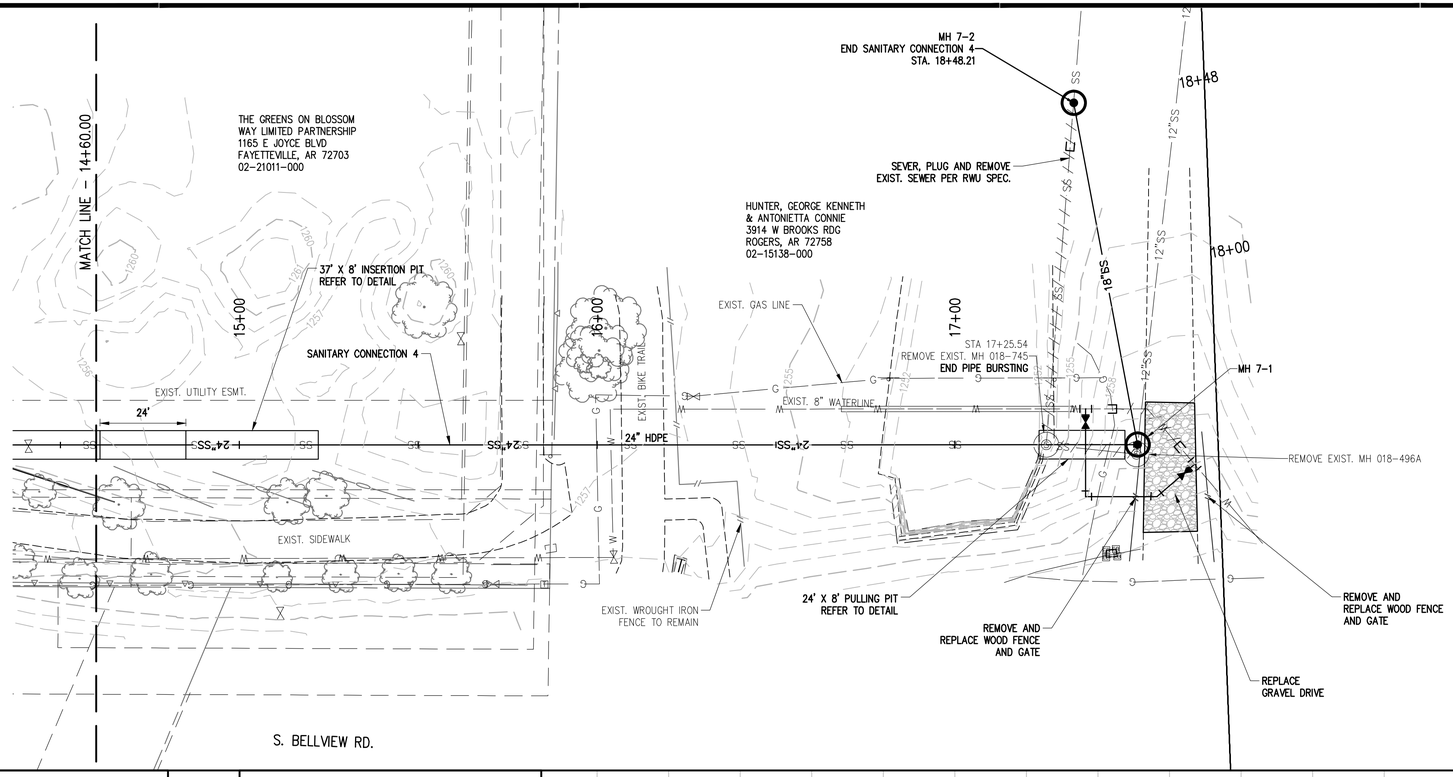
SANITARY CONNECTION 4

C-232

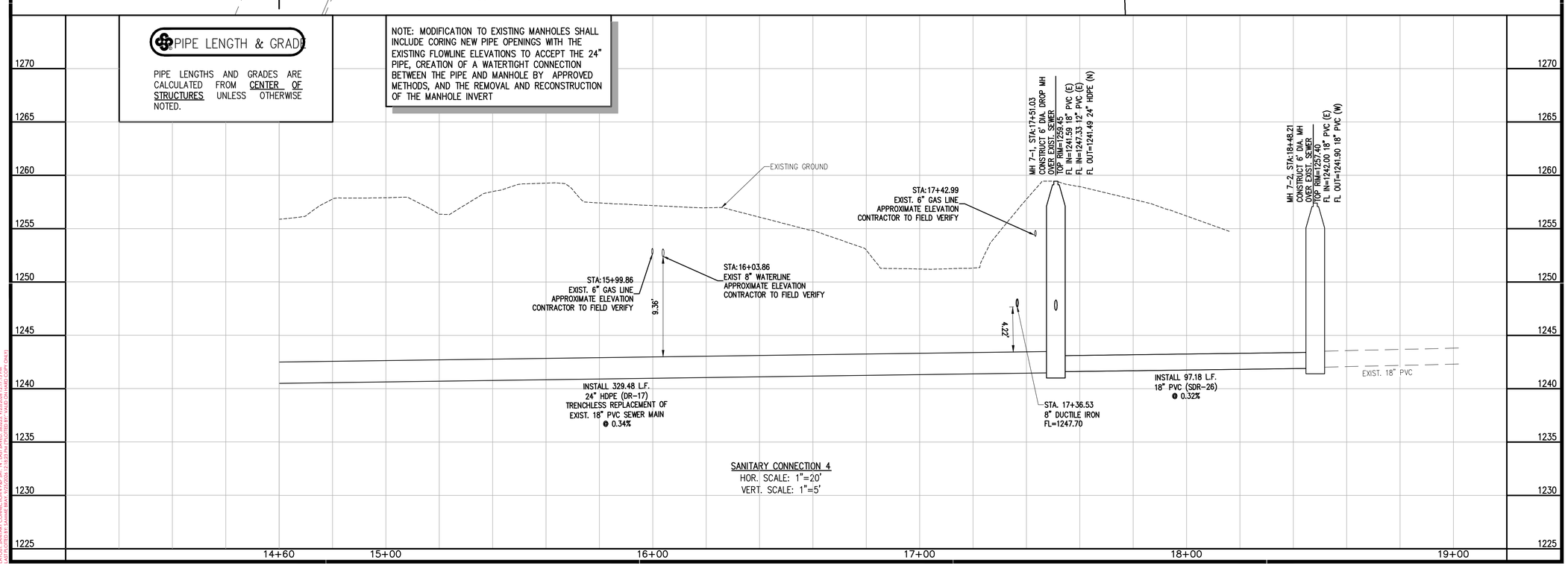
DRAWING: G:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS FM P.DWG
LAYOUT: SANITARY CONNECTION 4 FM P.DWG
LAST SAVED: 9/25/2026 10:31:52 AM
LAST PLOTTED: 9/25/2026 10:31:52 AM
PLOTTED BY: BURNETT, BRADY (CRAFTON TULL) - ONLYT



PIPE LENGTH & GRADE

PIPE LENGTHS AND GRADES ARE CALCULATED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.

NOTE: MODIFICATION TO EXISTING MANHOLES SHALL INCLUDE CORING NEW PIPE OPENINGS WITH THE EXISTING FLOWLINE ELEVATIONS TO ACCEPT THE 24" PIPE, CREATION OF A WATERTIGHT CONNECTION BETWEEN THE PIPE AND MANHOLE BY APPROVED METHODS, AND THE REMOVAL AND RECONSTRUCTION OF THE MANHOLE INVERT



SANITARY CONNECTION 4
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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Crafton Tull
architecture | engineering | surveying
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ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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No. 10208
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9/25/26

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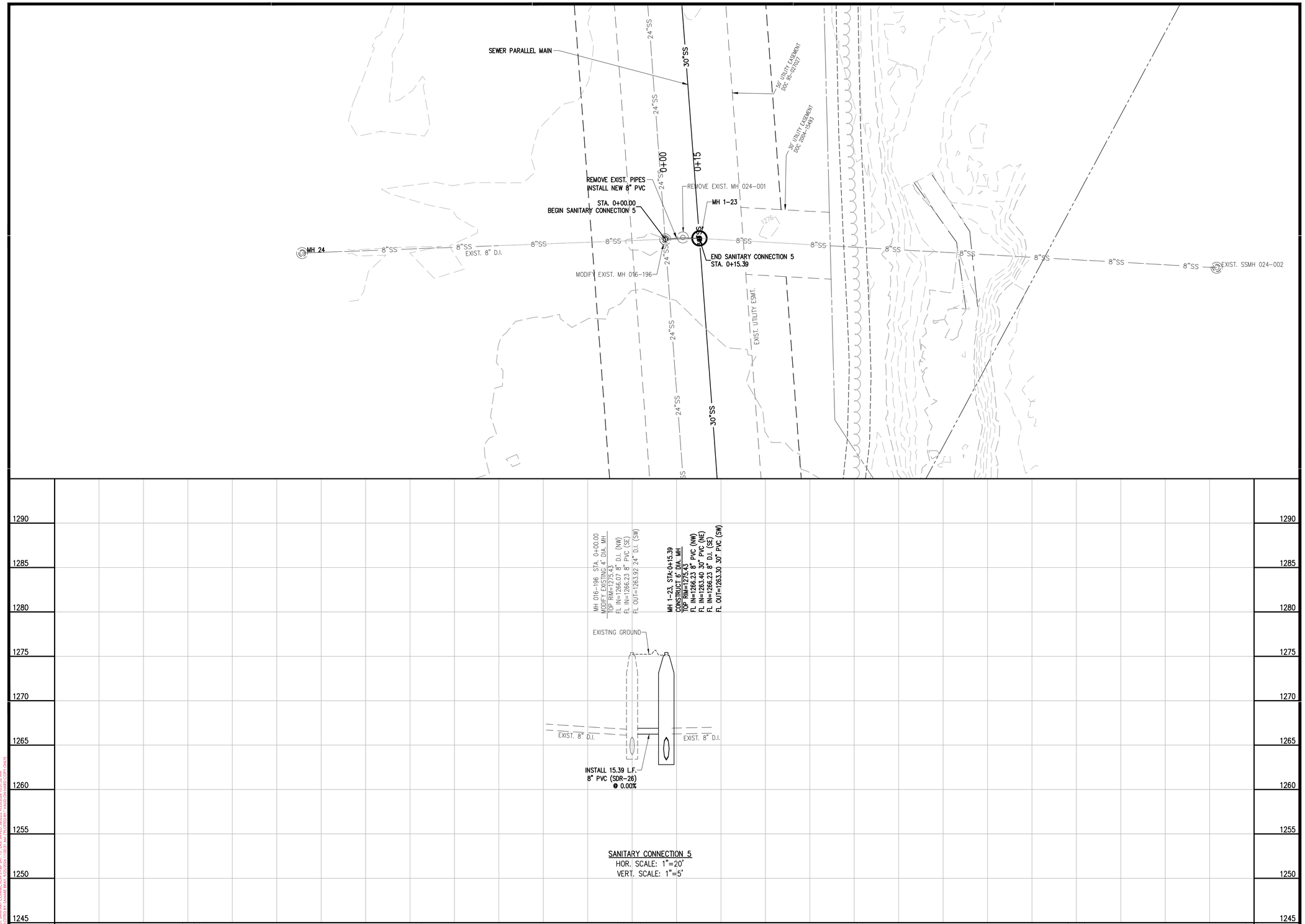
SANITARY CONNECTION 4

C-233

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS P&P.DWG
LAYOUT: SANITARY CONNECTION 4 PLAN SH. 14 LAST MOD: 9/25/2026, 9:25:00AM, 1:27:15 PM
XREFS: XR-TB-ANSI-22X34, XR-TB-ANSI-22X34-TITLE, XR-TB-ANSI-22X34-TITLE-ONLY



SANITARY CONNECTION 5
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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20' 0 20'

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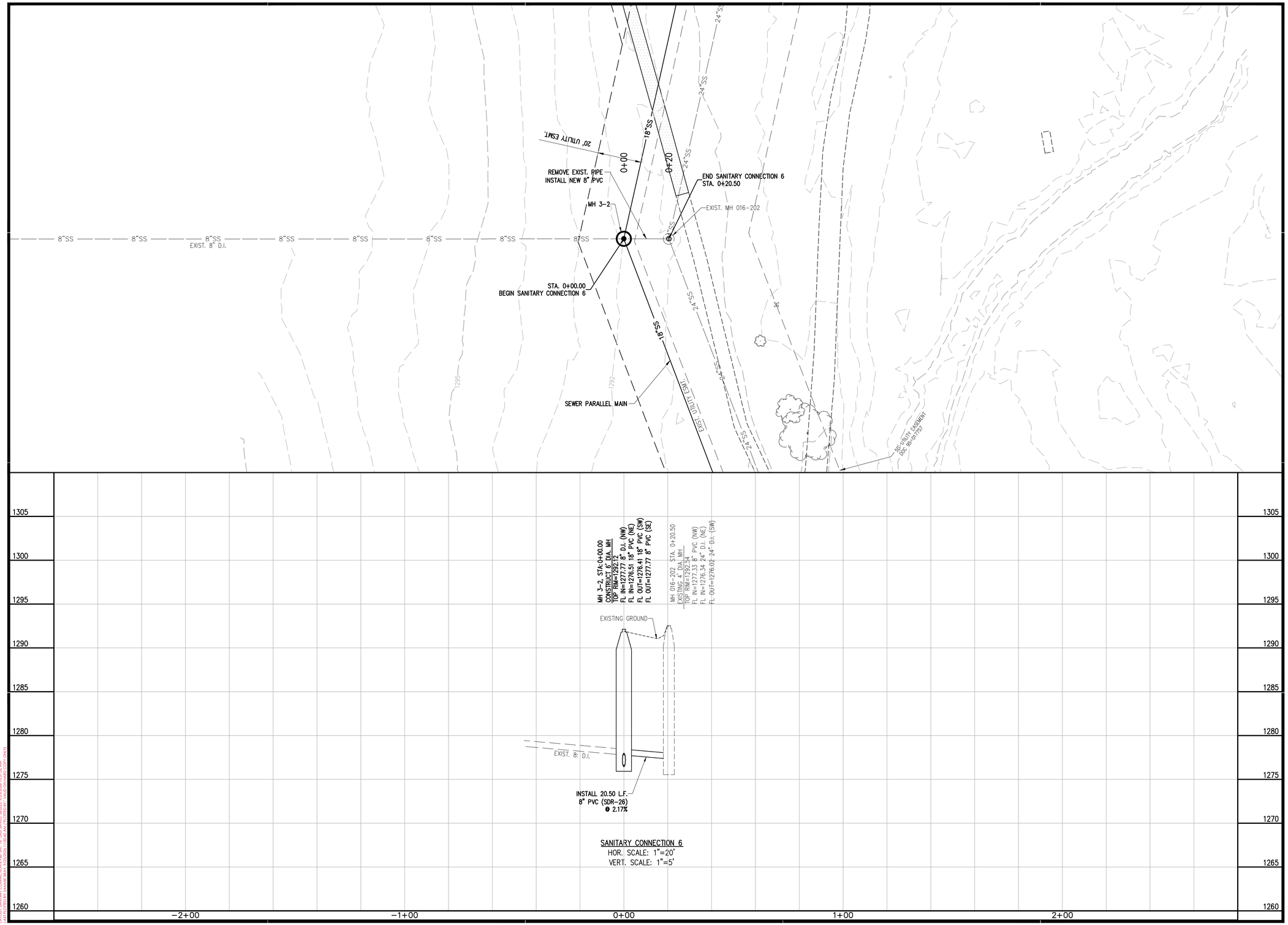
SANITARY CONNECTION 5

C-234

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS FAP.DWG
LAYOUT: SANITARY CONNECTION 5 FAP SHT 1 ©, LAST SAVED: 9/22/2026-10:03:52 AM
PLOTTED BY: BURNETT, WILLIAM C. ON: 9/22/2026-10:03:52 AM (ONE1)



SANITARY CONNECTION 6
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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QC Date: 2/06/2024

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SANITARY CONNECTION 6

C-235

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SANITARY CONNECTIONS FMP.DWG
LAYOUT: SANITARY CONNECTION 6 FMP SHT 1 TO 1 (JAN 14, 2026 - 10:22:25 AM - 1:1 - 22"x34")
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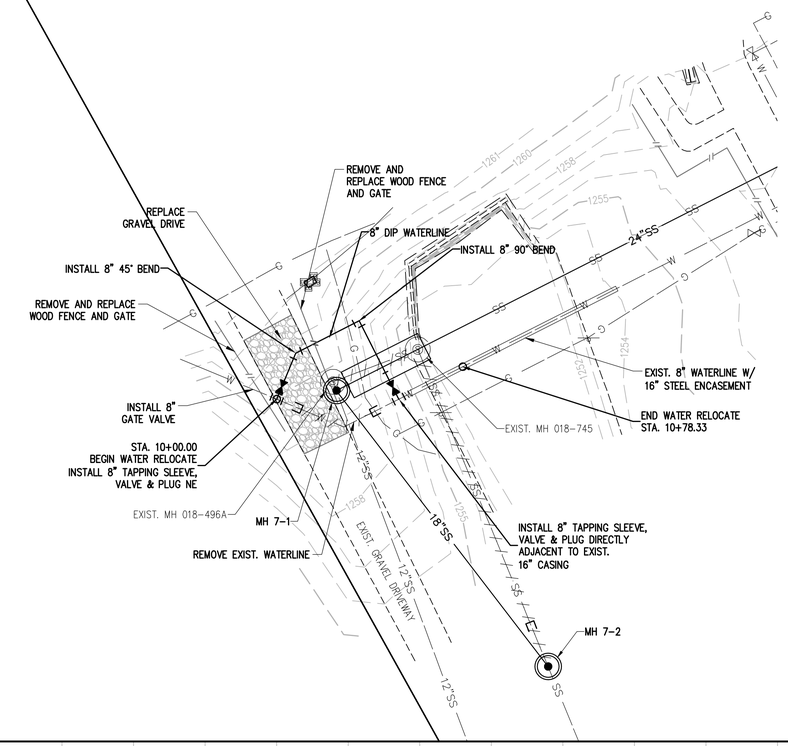
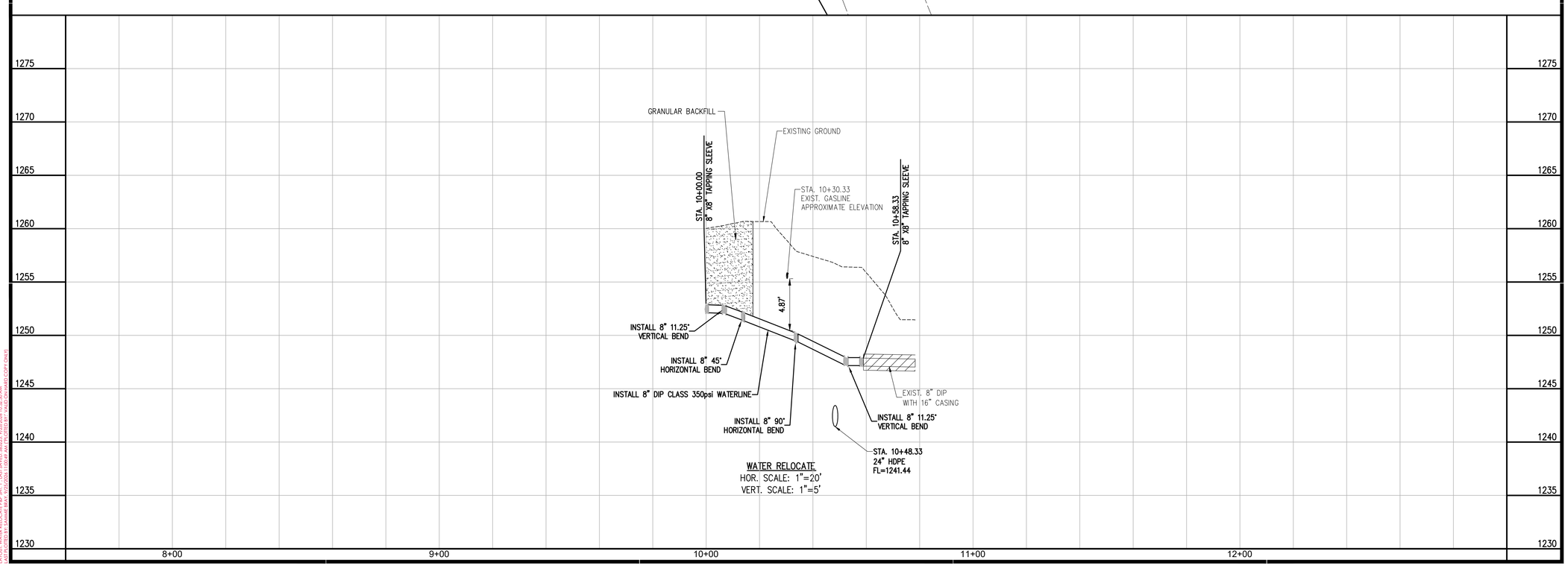


NOTE:

1) ALL WATERLINE PIPES, FITTINGS AND APPURTENANCES SHALL BE AT A MIN. OF 10' FROM ALL SANITARY LINES AND STRUCTURES HORIZONTALLY, AND A MIN. OF 18" VERTICALLY.



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QC Date: 2/06/2024

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WILLIAM C. BURNETT
9/25/26

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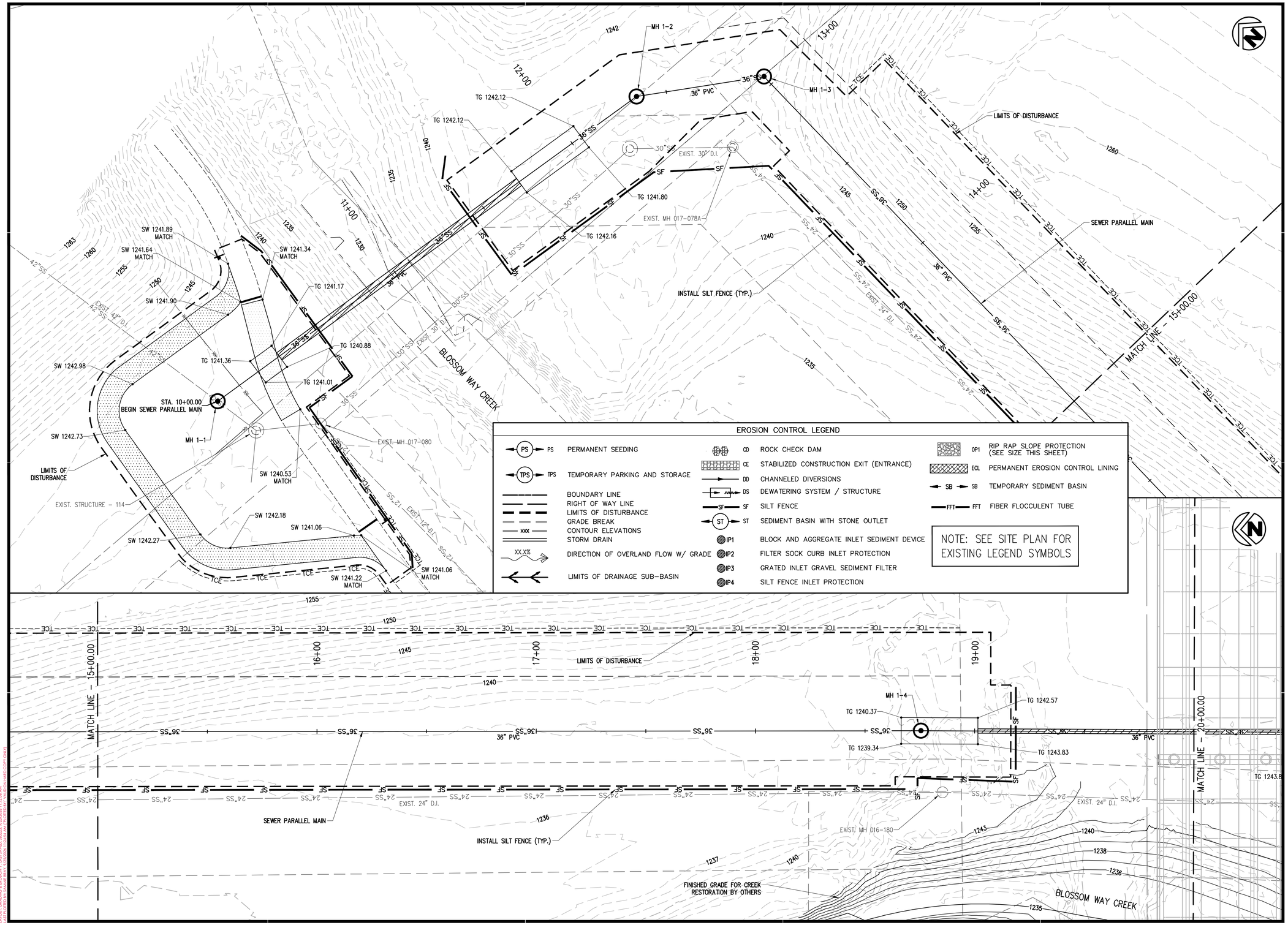
WATER RELOCATE P&P

C-236

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\WATER OFFSITE RELOCATE.DWG
LAYOUT: WATER RELOCATE P&P | PLOTTED BY: BRIDGE, TYLER | DATE: 9/25/2026 10:25:30 AM
XREFS: XR-TOPO; XR-TOPO-TEXT; XR-TOPO-CONTOURS; XR-TOPO-TREES; XR-TOPO-BOUNDARY (COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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Crafton Tull
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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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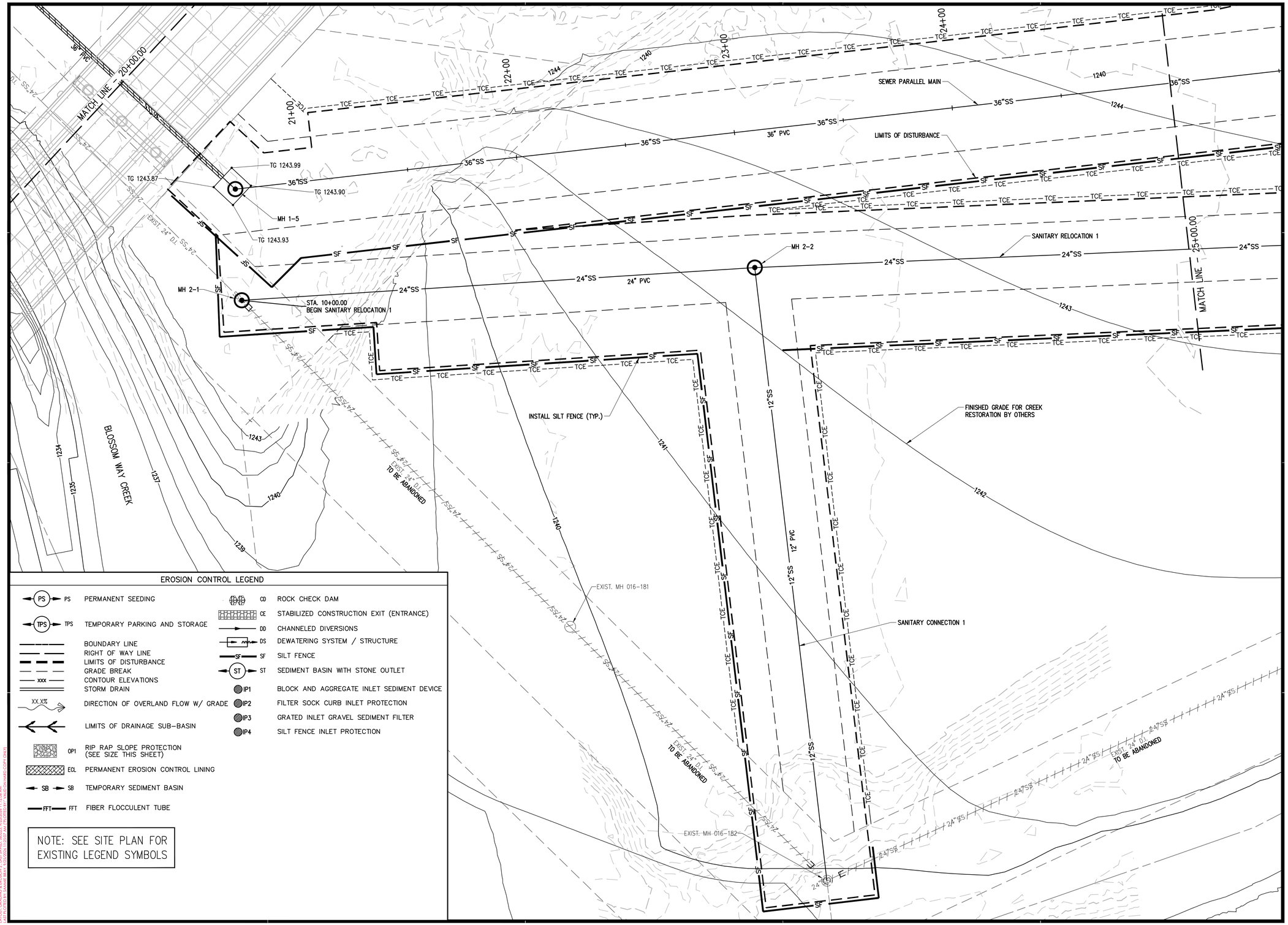
GRADING & EROSION CONTROL

C-301

DRAWING: G:\23100300_BLOSSOMWAY\PERMITS\CIVIL\DWG\GRADING & EROSION CONTROL 1-8.DWG
LAYOUT: GRADING & EROSION CONTROL 1 | LAST SAVED: 9/25/2026 11:22:06 AM
PLOTTED BY: BURNETT, WILLIAM C. | LAST PLOTTED: 9/25/2026 11:22:06 AM (HARD COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM
		CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)
TPS	TEMPORARY PARKING AND STORAGE	DD	CHANNELED DIVERSIONS
	BOUNDARY LINE	DS	DEWATERING SYSTEM / STRUCTURE
	RIGHT OF WAY LINE	SF	SILT FENCE
	LIMITS OF DISTURBANCE	ST	SEDIMENT BASIN WITH STONE OUTLET
	GRADE BREAK	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE
xxx	CONTOUR ELEVATIONS	IP2	FILTER SOCK CURB INLET PROTECTION
	STORM DRAIN	IP3	GRATED INLET GRAVEL SEDIMENT FILTER
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP4	SILT FENCE INLET PROTECTION
	LIMITS OF DRAINAGE SUB-BASIN		
OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)		
ECL	PERMANENT EROSION CONTROL LINING		
SB	TEMPORARY SEDIMENT BASIN		
FFT	FIBER FLOCCULENT TUBE		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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Crafton Tull
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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/04/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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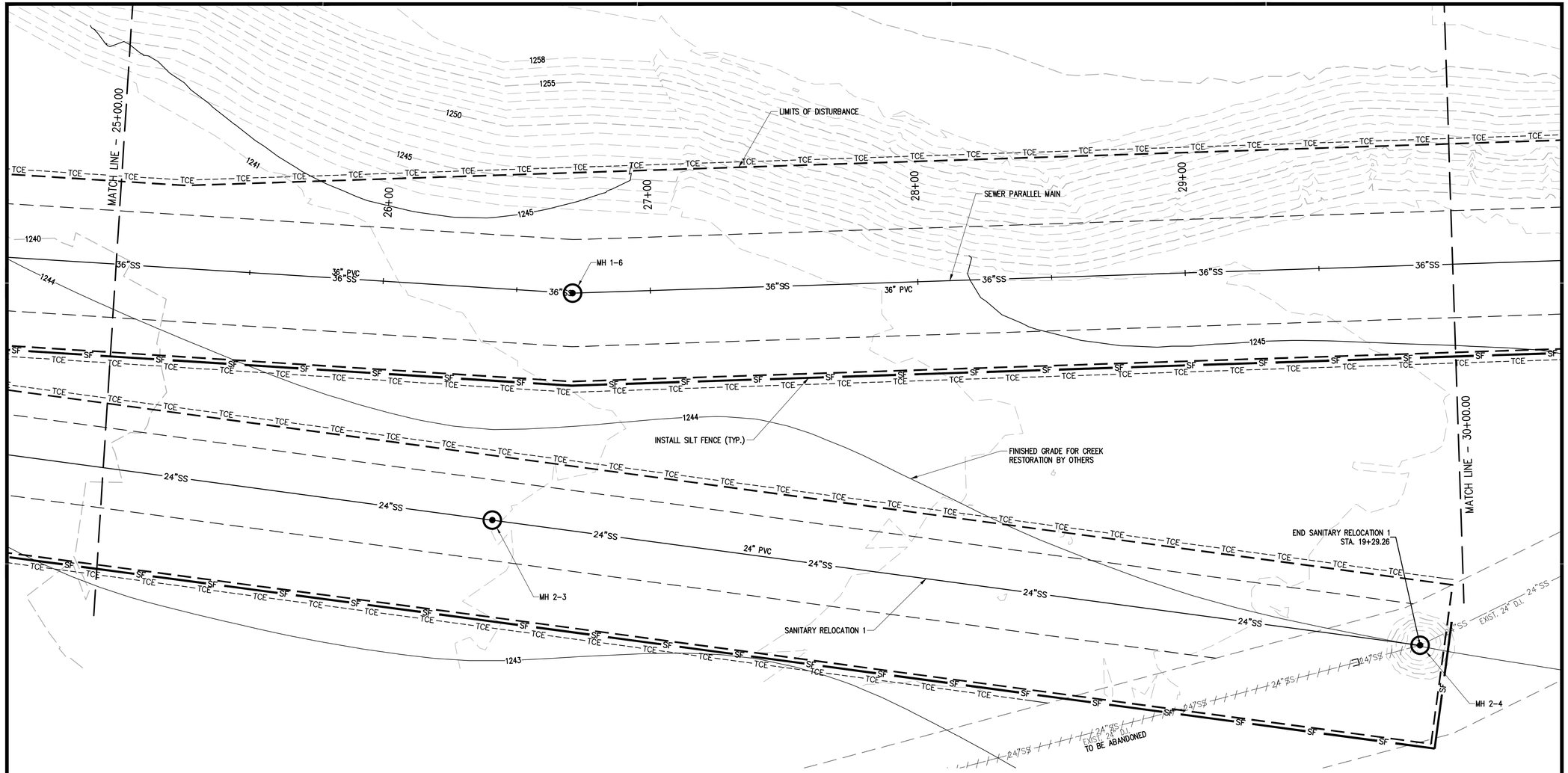
GRADING & EROSION CONTROL

C-302

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1.4.DWG
LAYOUT: GRADING & EROSION 2 | ACCAD VER: 25.0(LMS TECH) | PAGESIZE: 11"X17" | PLOT SCALE: 1:1
PLOTTED BY: BURNETT, WILLIAM | LAST SAVED: 09/25/2026 11:17:24 AM



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING (SEE SIZE THIS SHEET)
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GRADING & EROSION CONTROL

C-303

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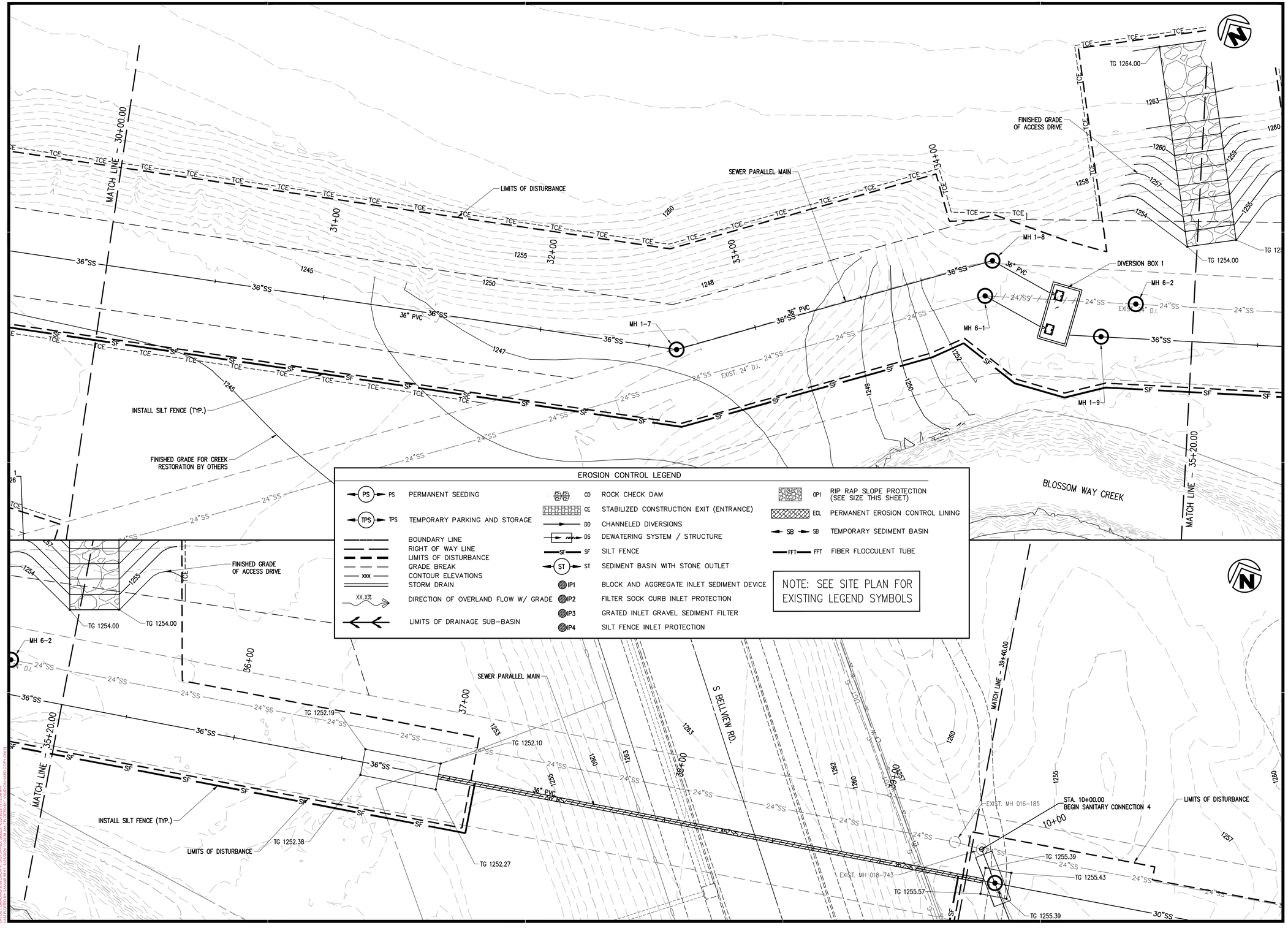
LAYOUT: GRADING & EROSION 3 LAST SAVED: 9/25/2026 11:05:04 AM
PLOTTED BY: BRIAN BURNETT LAST PLOTTED: 9/25/2026 11:05:04 AM (HARD COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB–BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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QC by: M. LOVE
QC Date: 2/04/2024

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No. 10208
WILLIAM C. BURNETT
9/25/26

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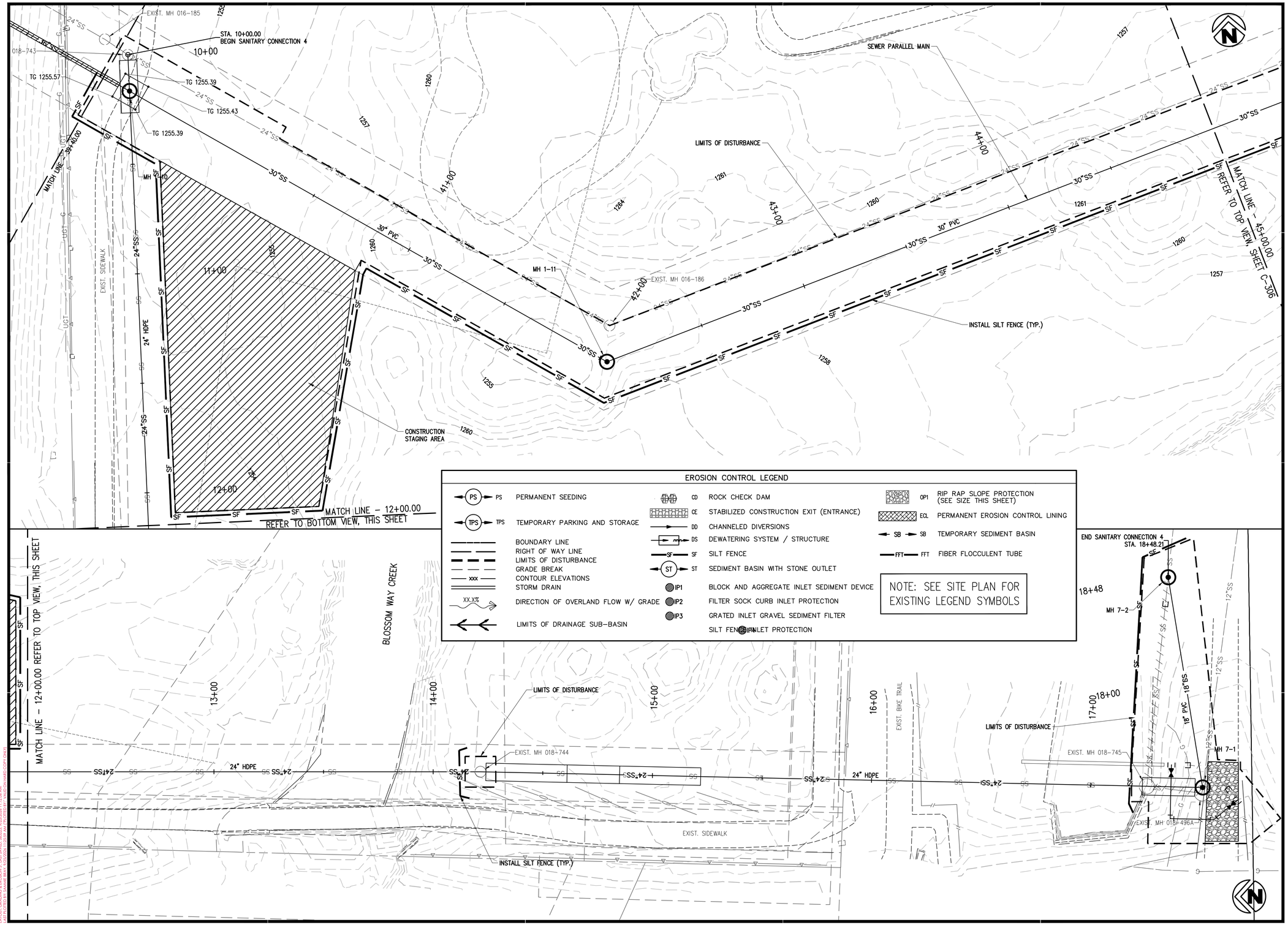
GRADING & EROSION CONTROL

C-304

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1.4.DWG
LAYOUT: GRADING & EROSION 4 LAST SAVED: 9/25/2026, 9/25/2026 11:17:24 AM
PLOTTED BY: BRIAN BURNETT (CRAFTON TULL & ASSOCIATES - BRIAN HARD COPY ONLY)



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QC Date: 2/06/2024

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WILLIAM C. BURNETT
9/25/26

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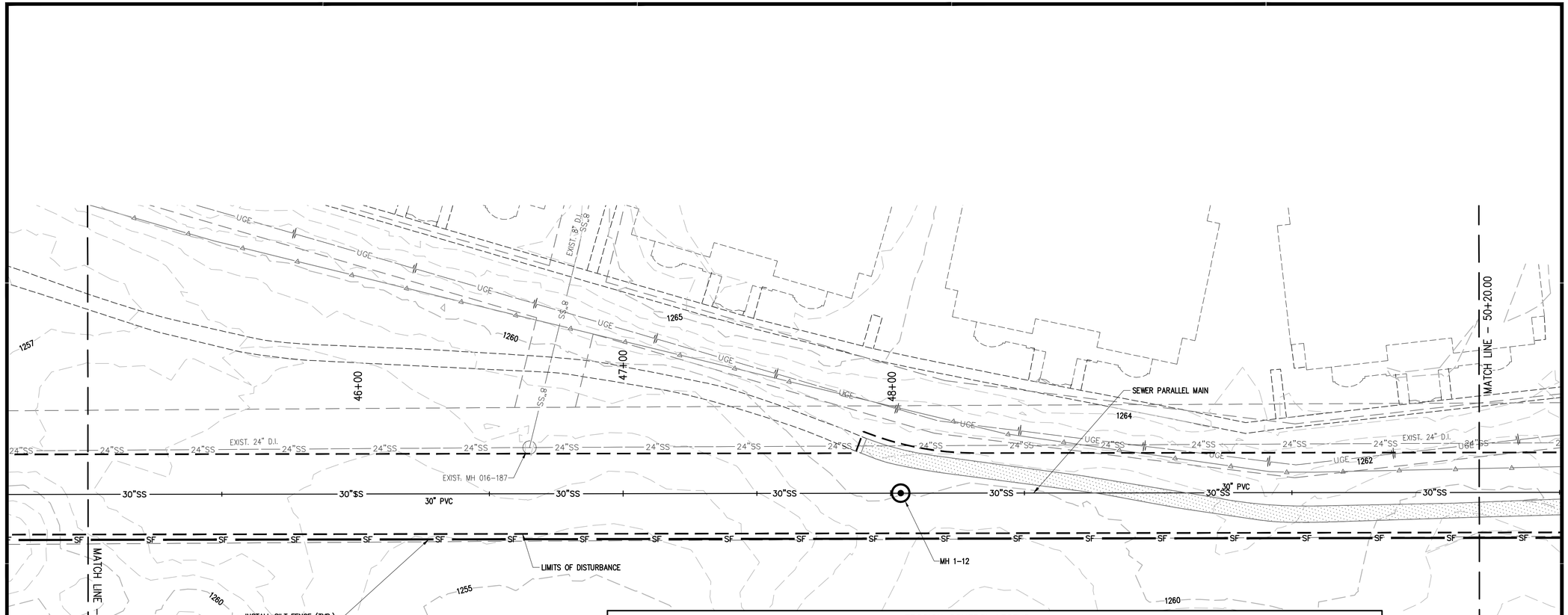
GRADING & EROSION CONTROL

C-305

DRAWING: C:\23100300_BLOSSOMWAYWRRSTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1-8.DWG
LAYOUT: GRADING & EROSION 5 LAST SAVED: 9/25/2026 11:10:04 AM
PLOTTED BY: BURNETT, WILLIAM C. LAST PLOTTED: 9/25/2026 11:10:04 AM (HARD COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	EQL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GRADING & EROSION CONTROL

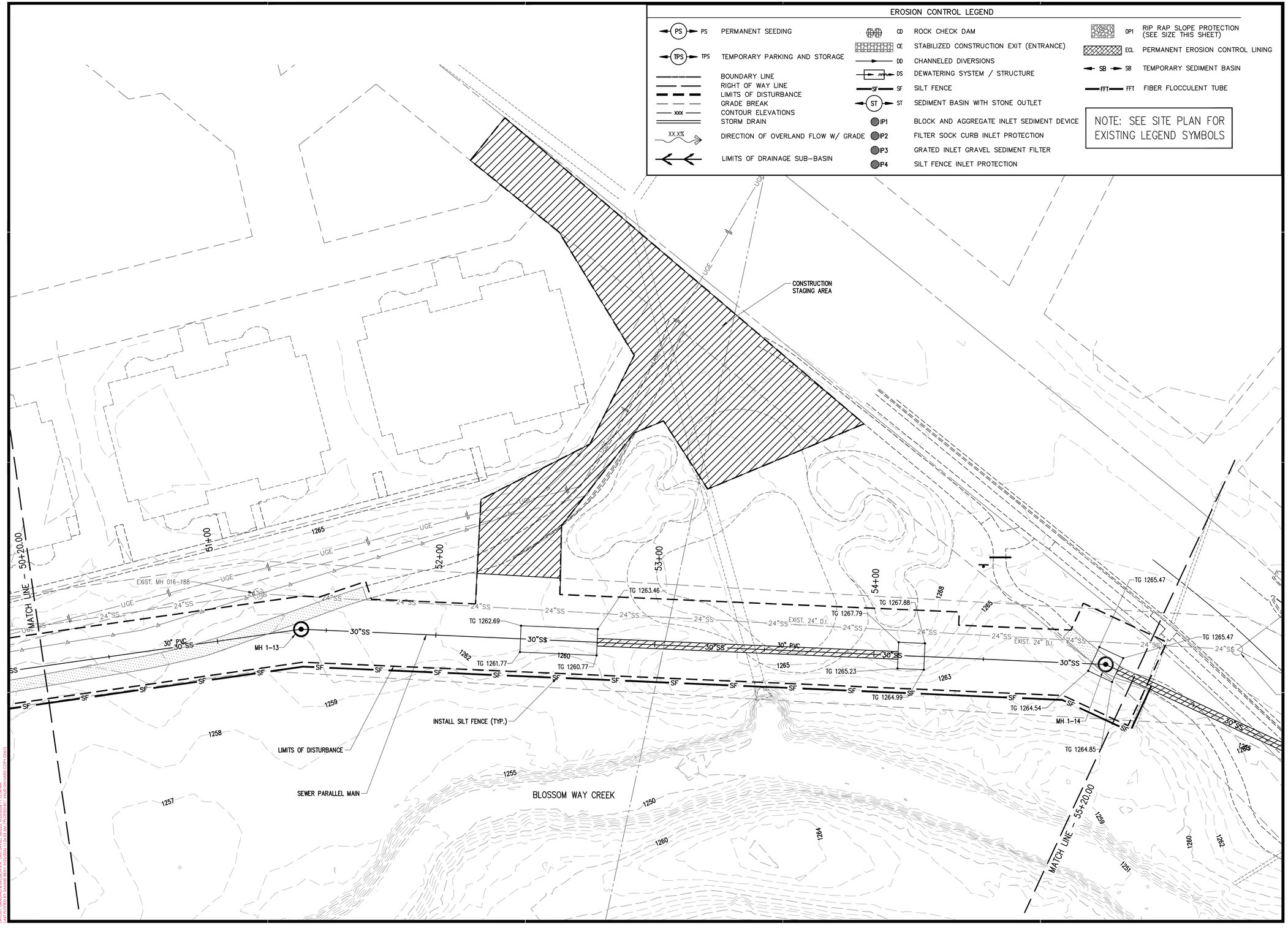
C-306

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1-8.DWG
LAYOUT: GRADING & EROSION 6 LAST SAVED: 9/25/2026 11:12:06 AM
PLOTTED BY: BRIAN BURNETT LAST PLOTTED: 9/25/2026 11:12:06 AM CHARGED: COPY ONLY)

EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS



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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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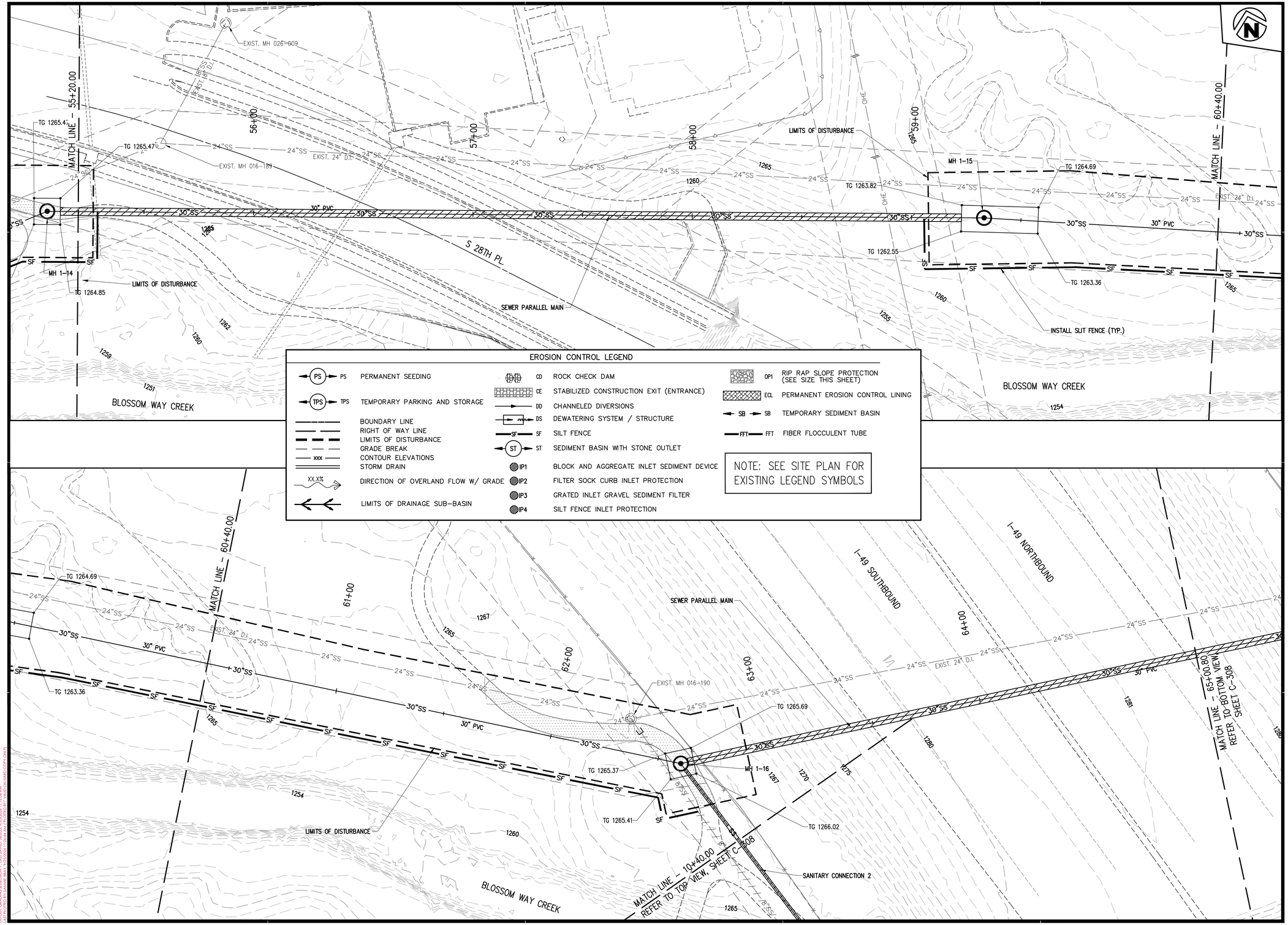
GRADING & EROSION CONTROL

C-307

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1-8.DWG
LAYOUT: GRADING & EROSION 4-1, LAST SAVED: 2026-09-25, PLOTTED: 2026-09-25 11:10:26 AM
PLOTTED BY: Matthew Love, PLOT SCALE: 1:1, PAGE SIZE: 24.00 X 36.00 (INCHES), HARD COPY ONLY



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	EQL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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CRAFTON, TULL & ASSOCIATES, INC.
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ARKANSAS ENGINEER

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ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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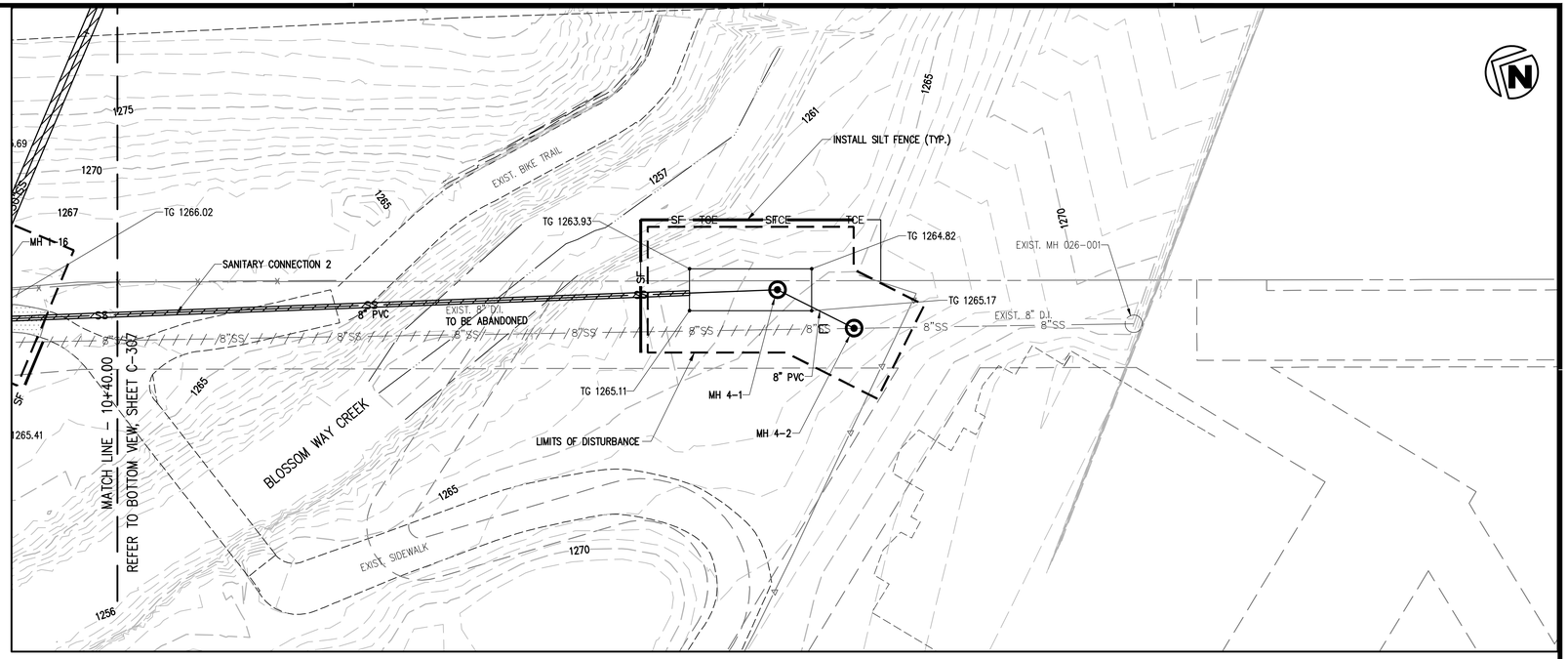
GRADING & EROSION CONTROL

C-308

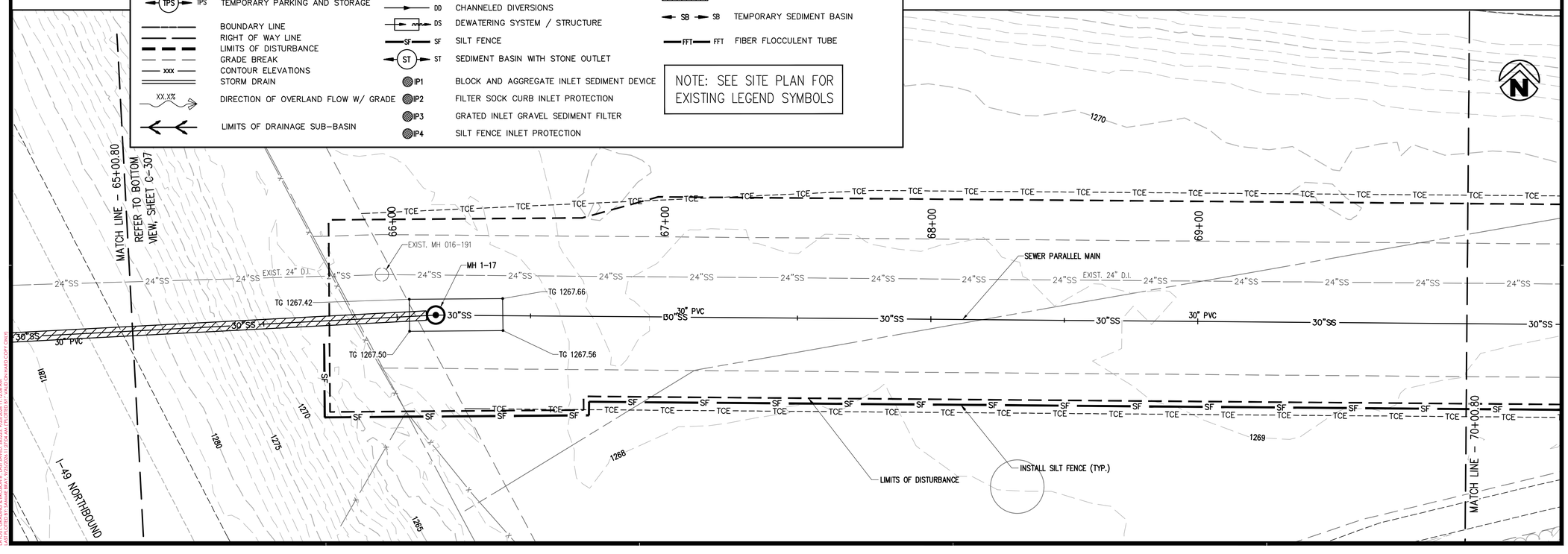
DRAWING: C-23100300_BLOSSOMWAY\ARKASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1.DWG
LAYOUT: GRADING & EROSION 7 (JOT)
LAST SAVED: 9/25/2026 11:10:26 AM
PLOTTED BY: BURNETT, WILLIAM (WHITE PARK HARD COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS



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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
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ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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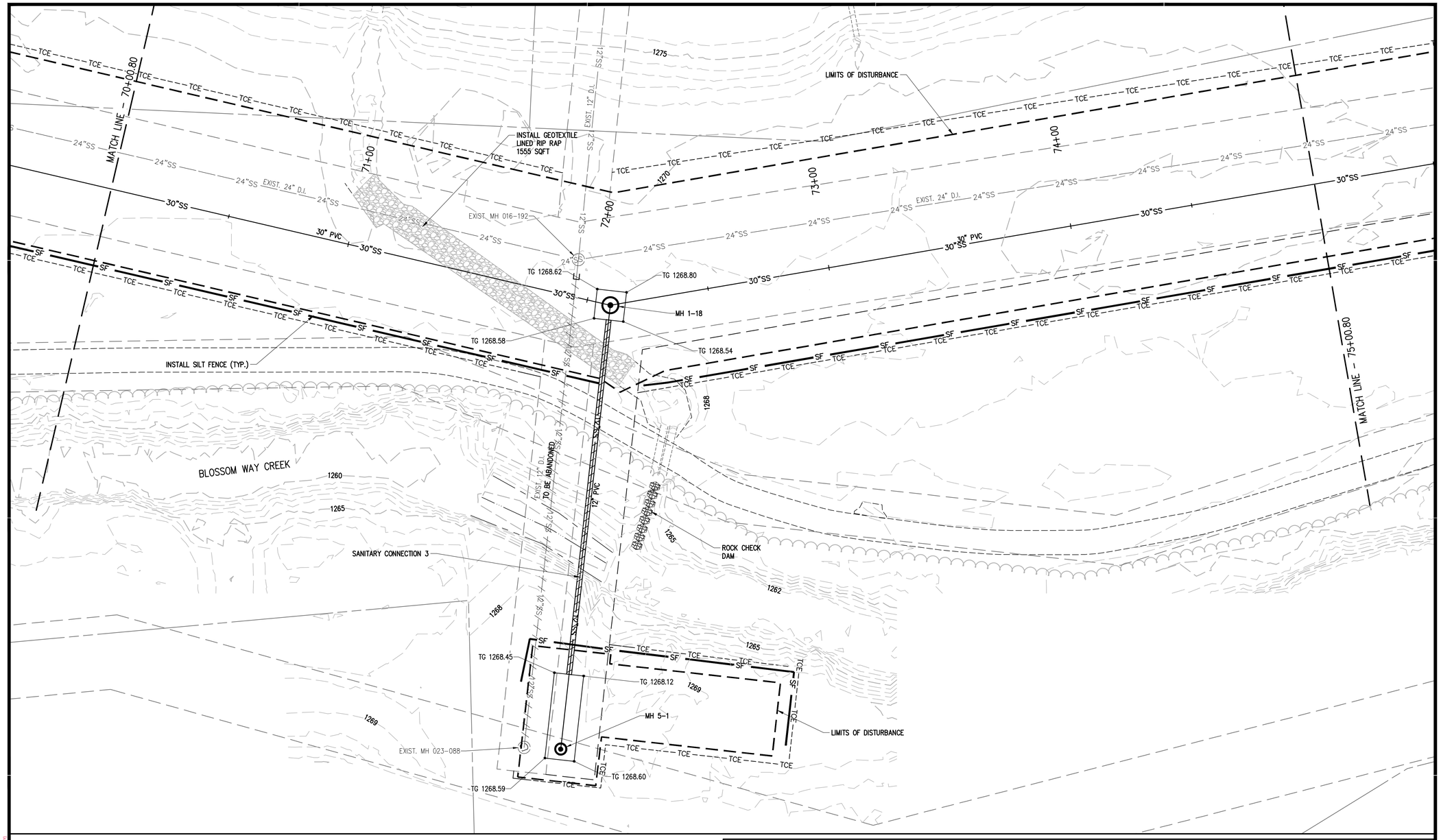
GRADING & EROSION CONTROL

C-309

DRAWING: G:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 1-8.DWG
LAYOUT: GRADING & EROSION 1 LAST SAVED: 9/25/2026 11:20:06 AM
PLOTTED BY: BRADY BURNETT LAST PLOTTED: 9/25/2026 11:20:08 AM (HARD COPY ONLY)



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
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	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

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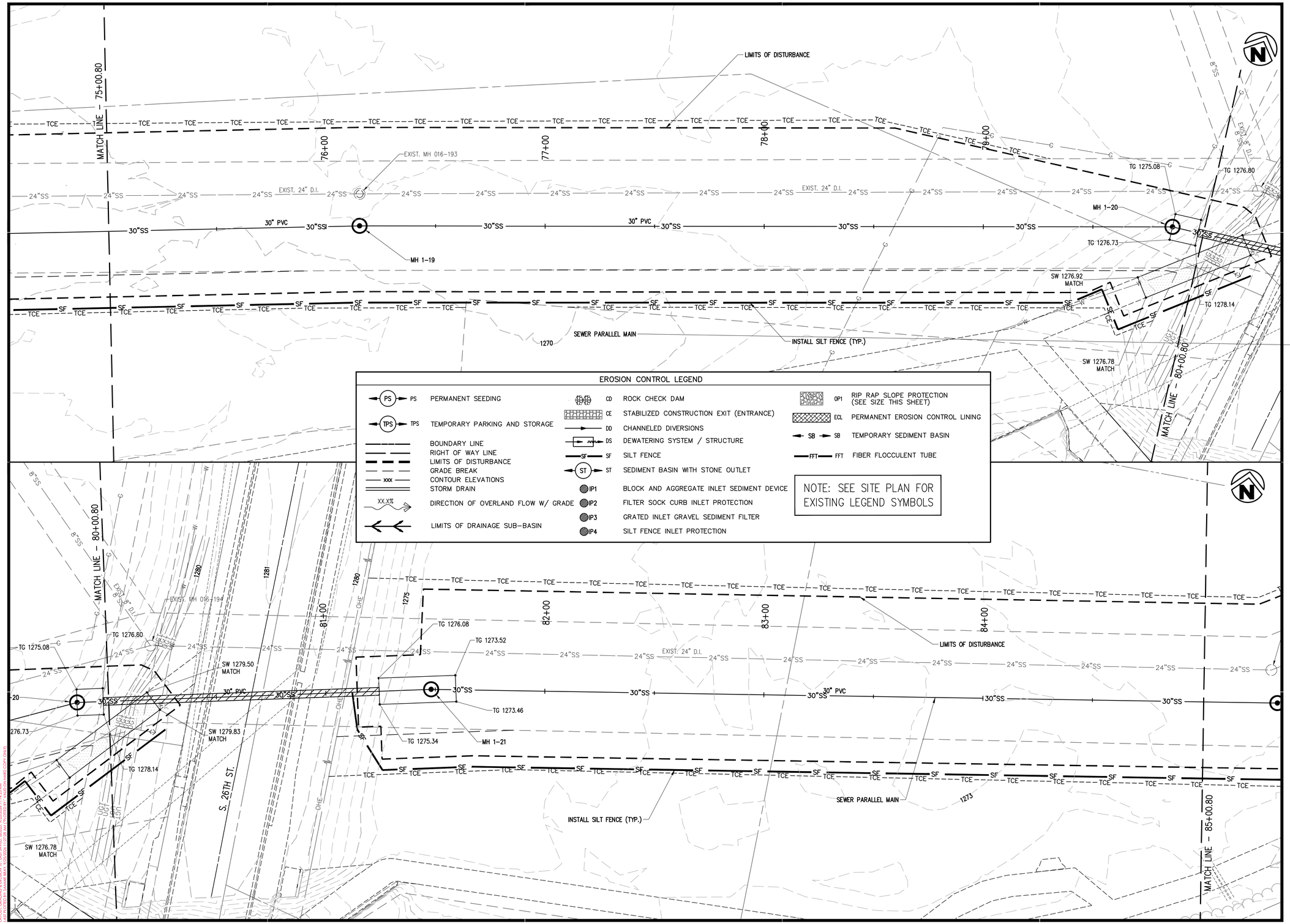
GRADING & EROSION CONTROL

C-310

DRAWING: (C-23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL P-16.DWG
LAYOUT: GRADING & EROSION P LAST SAVED: 9/25/2026 11:14:23 AM
USER: BRANDON BURNETT PLOTTED BY: BRANDON BURNETT (LAST PLOTTED: 9/25/2026 11:14:23 AM HARD COPY ONLY)



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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
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ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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No. 10208
WILLIAM C. BURNETT
9/25/26

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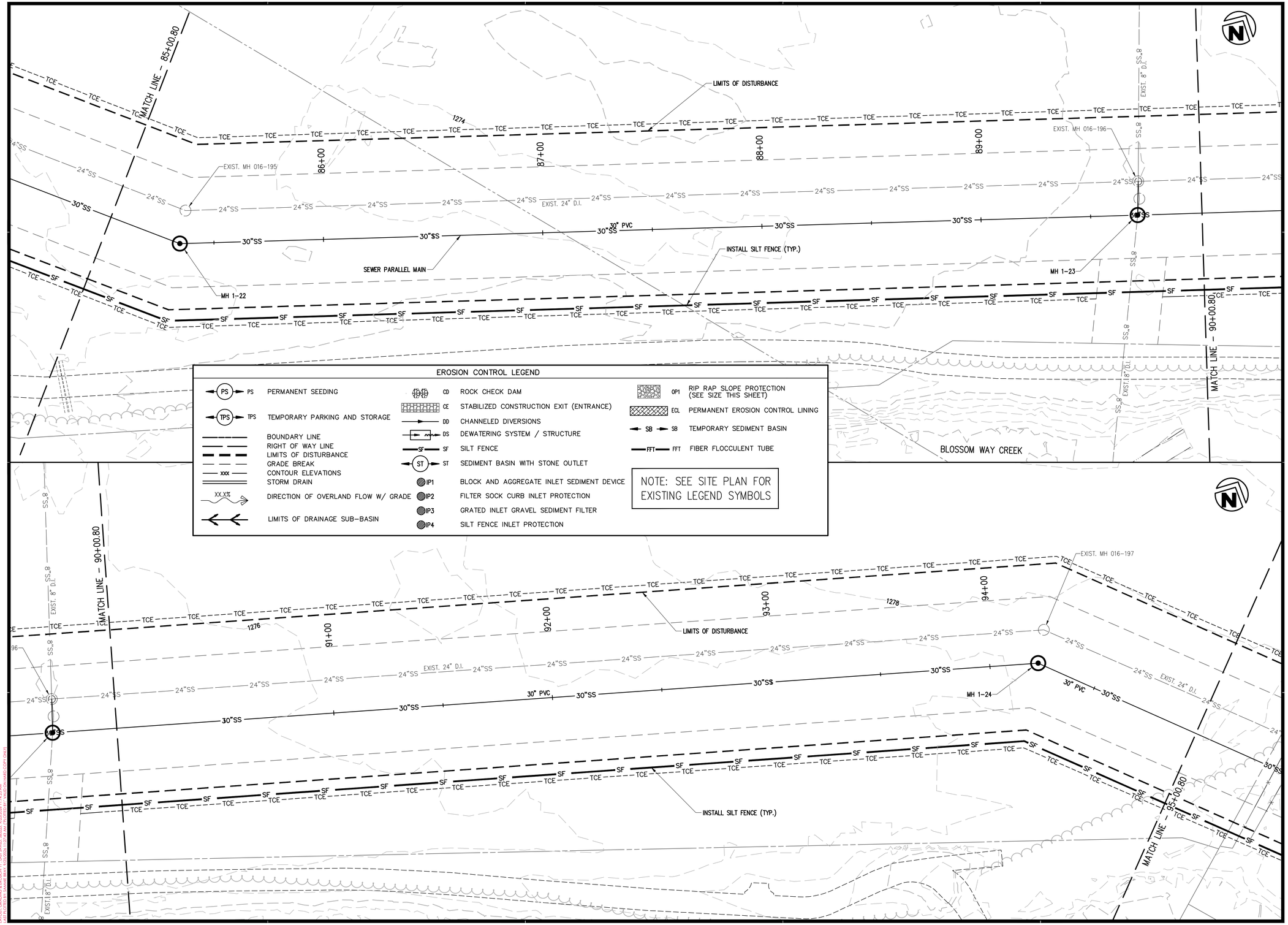
GRADING & EROSION CONTROL

C-311

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 9-16.DWG
LAYOUT: GRADING & EROSION CONTROL LAST SAVED: 9/25/2026 11:14:23 AM
PLOTTED BY: BURNETT, BILL LAST PLOTTED: 9/25/2026 11:14:24 AM (HARD COPY ONLY)



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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
William C. Burnett
9/25/26

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GRADING & EROSION CONTROL

C-312

DRAWING: G:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL P-16.DWG
LAYOUT: GRADING & EROSION 11 | PLOTTED: 9/25/2026 11:42:31 AM
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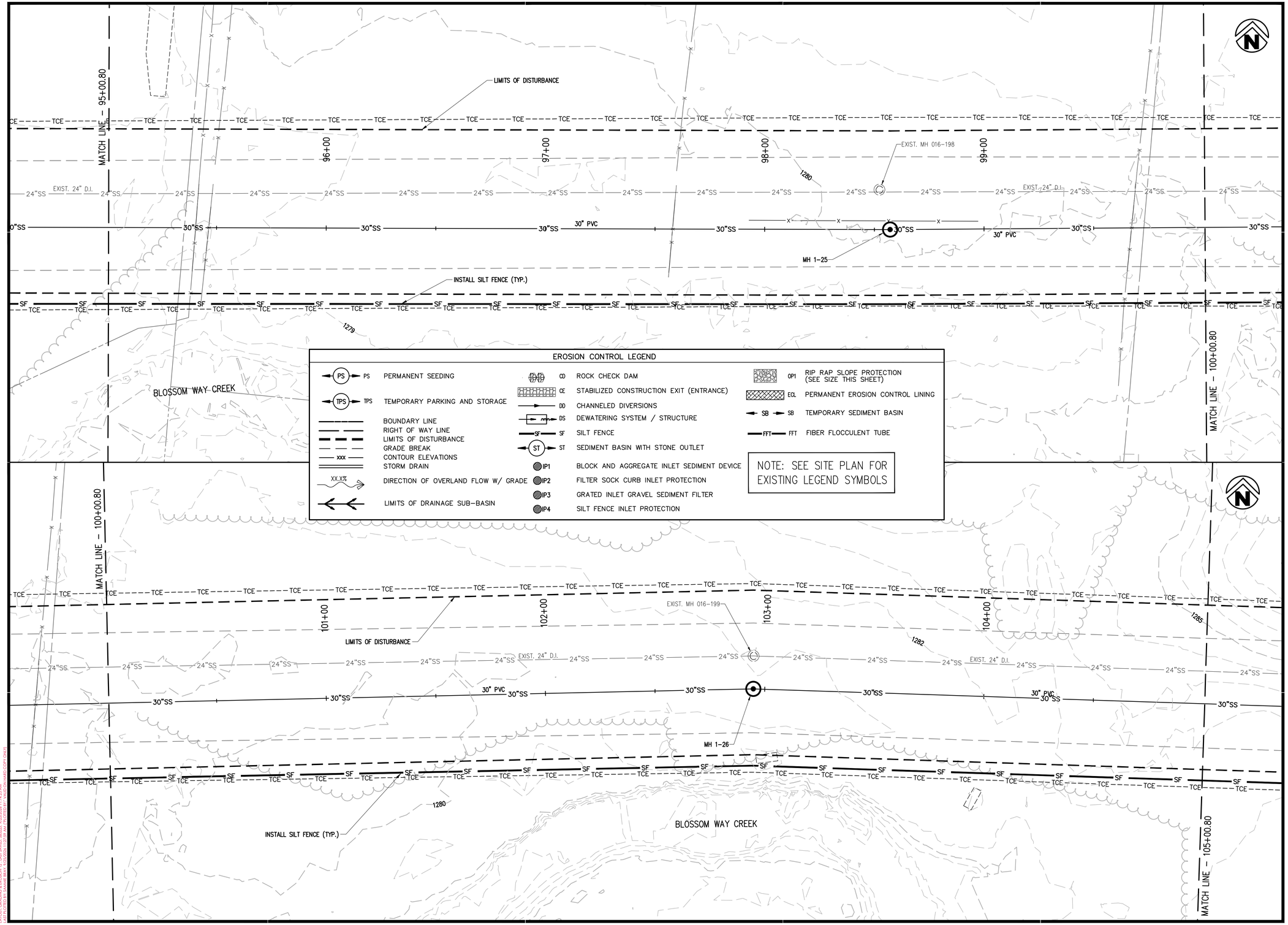

EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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Rogers, Arkansas 72756
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No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GRADING & EROSION CONTROL

C-313

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 9-16.DWG
LAYOUT: GRADING & EROSION 2 | ACTIVE: 9/25/2026 11:42:04 AM
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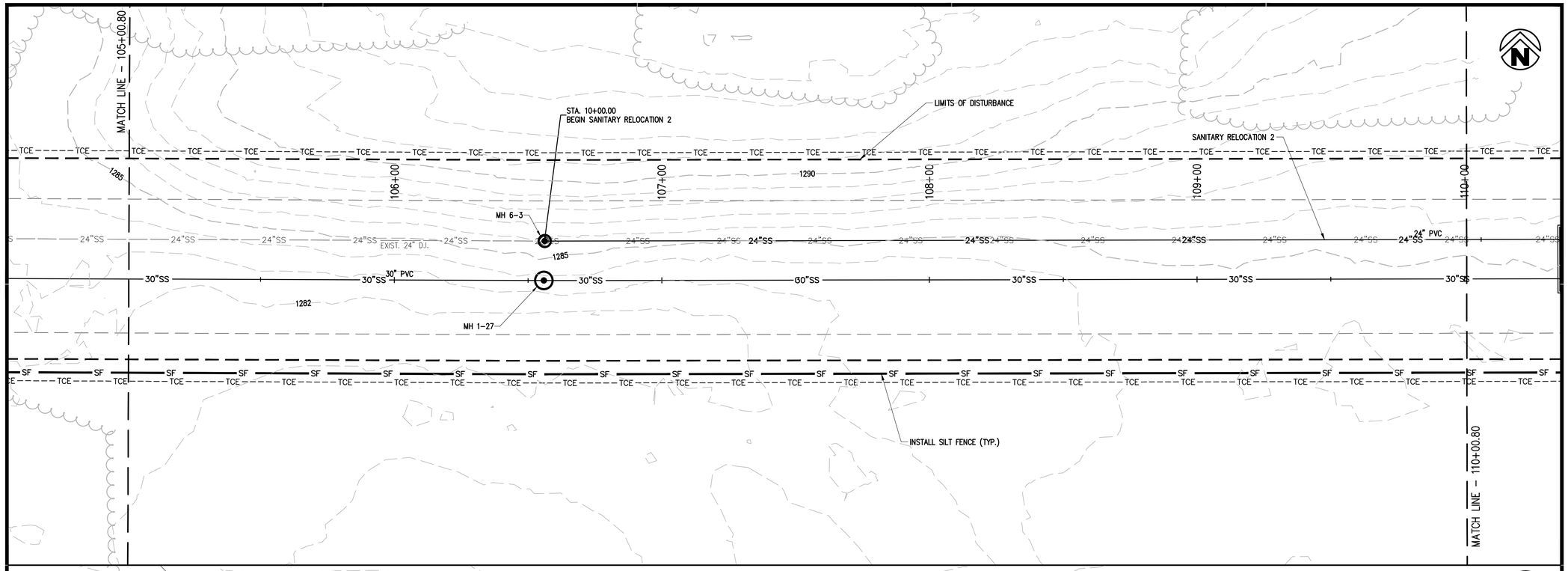

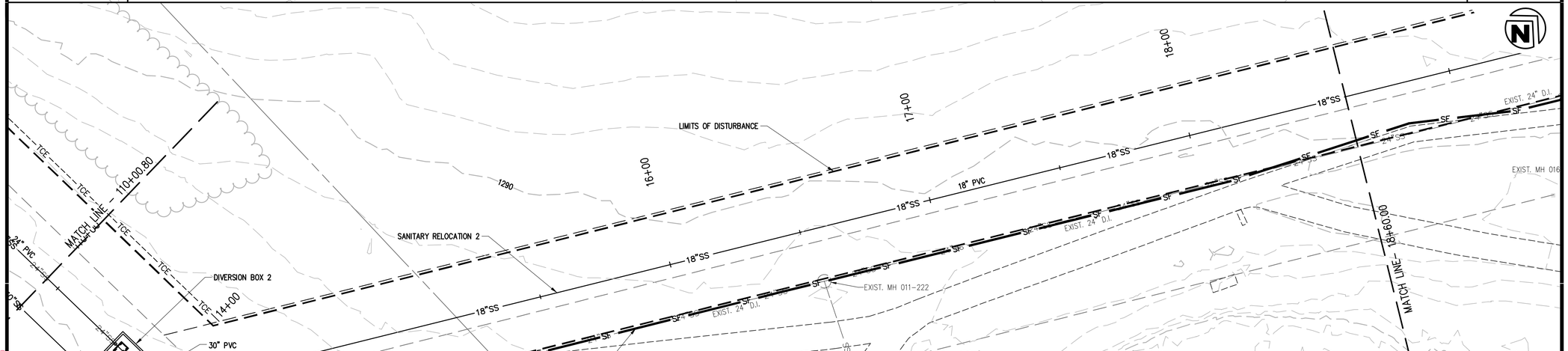

EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB–BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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GRAPHIC SCALE IN FEET
20' 0 20'

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ROGERS, ARKANSAS

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/04/2024
ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GRADING & EROSION CONTROL

C-314

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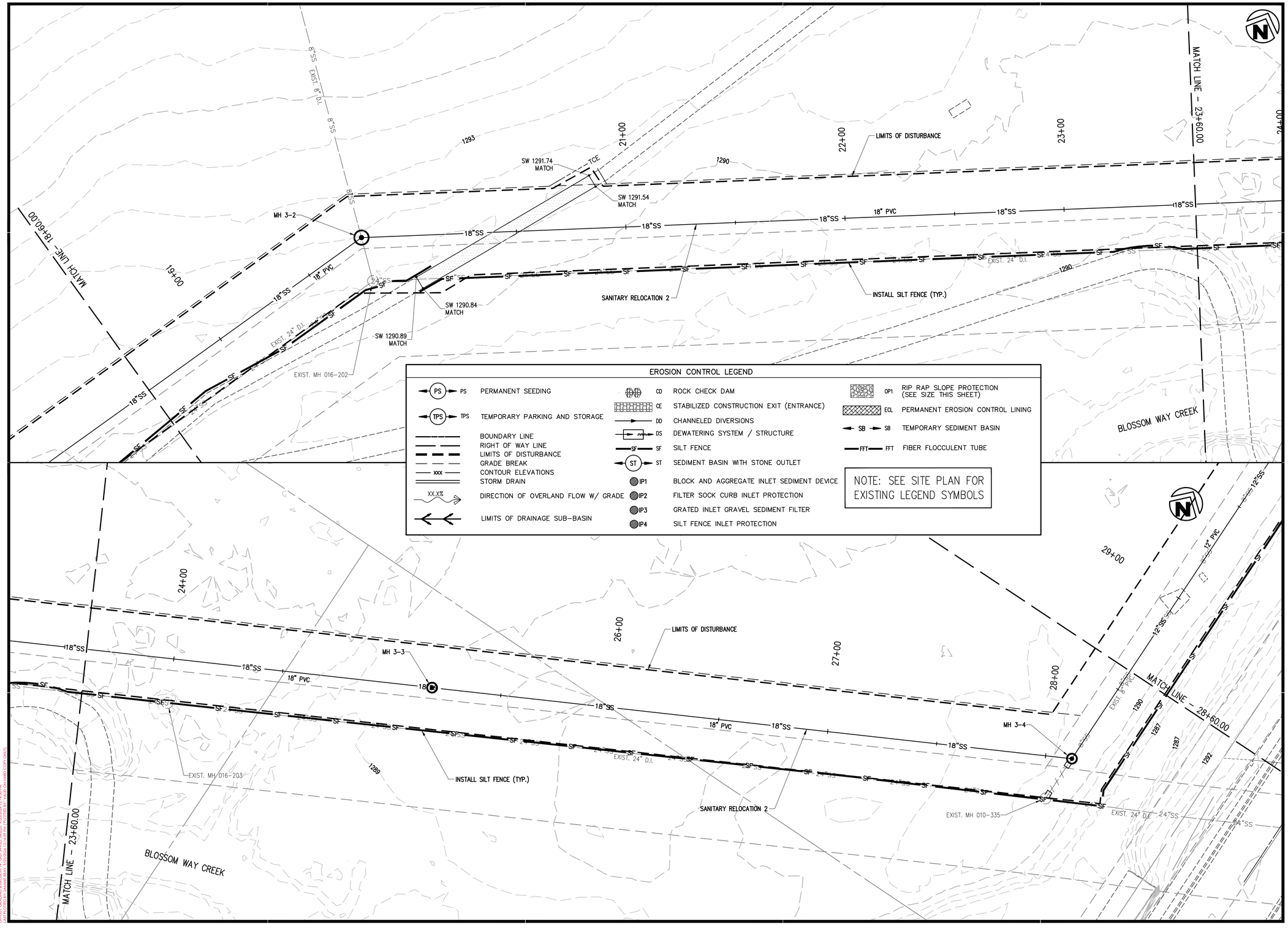
LAYOUT: GRADING & EROSION 13 - LAST SAVED: 9/25/2026 7:42:00 AM - PLOTTED BY: ALEX HOLT
PLOT SCALE: 1:1 - PAPER SIZE: 36.00 X 24.00 INCHES (ARCH D HARD COPY ONLY)



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479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

GRAPHIC SCALE IN FEET
20' 0 20'

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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GRADING & EROSION CONTROL

C-315

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 9-16.DWG
LAYOUT: GRADING & EROSION 14 (ACTIVE), SEE 23100300_TITLE BLOCK (ACTIVE)
PLOTTED BY: BURNETT, WILLIAM C. (CAT) 9/25/2026 1:21:43 PM
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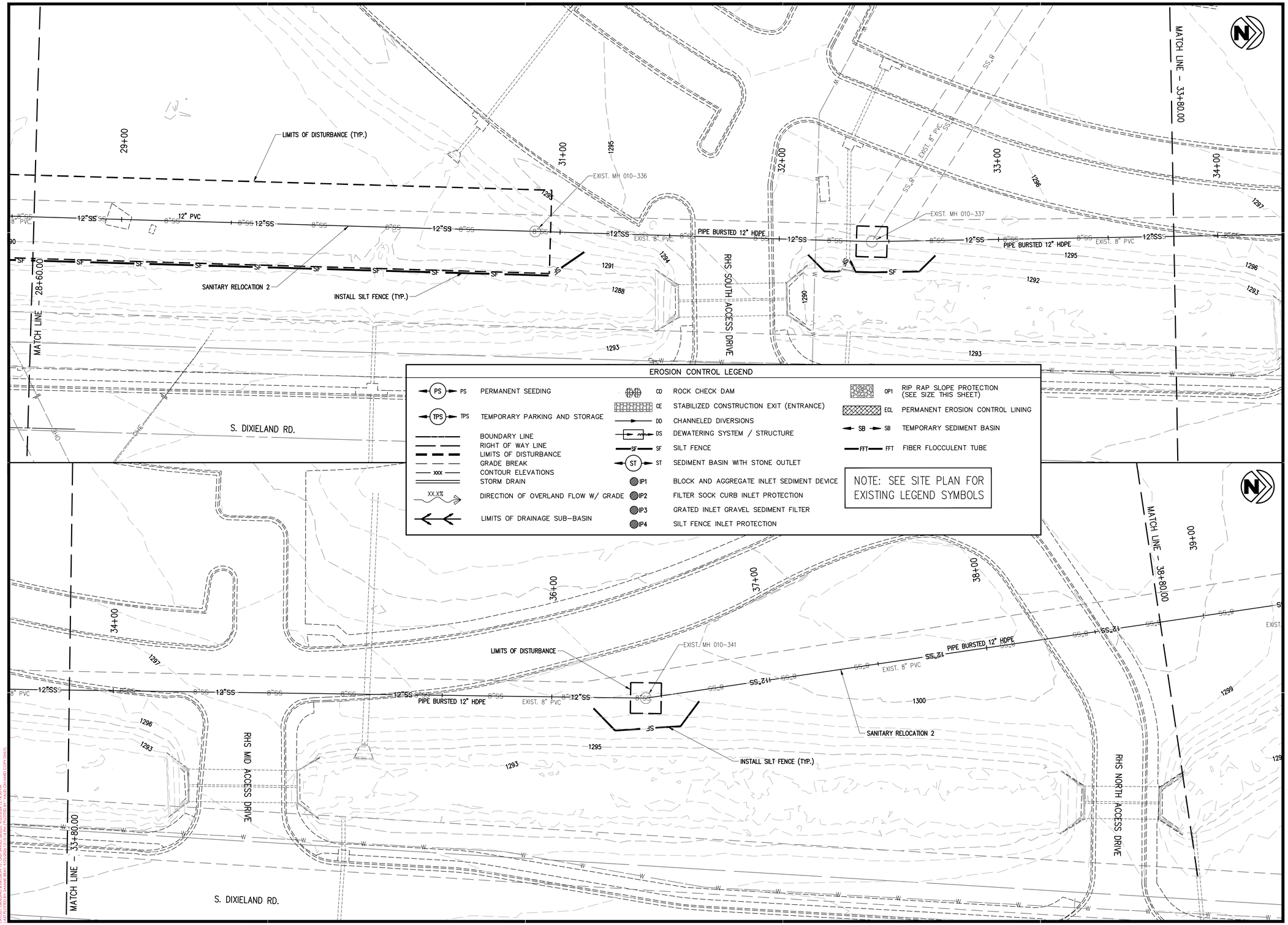

EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
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GRAPHIC SCALE IN FEET
20' 0 20'

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GRADING & EROSION CONTROL

C-316

DRAWING: C:\23100300_BLOSSOMWAYWERRESTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 9-16.DWG
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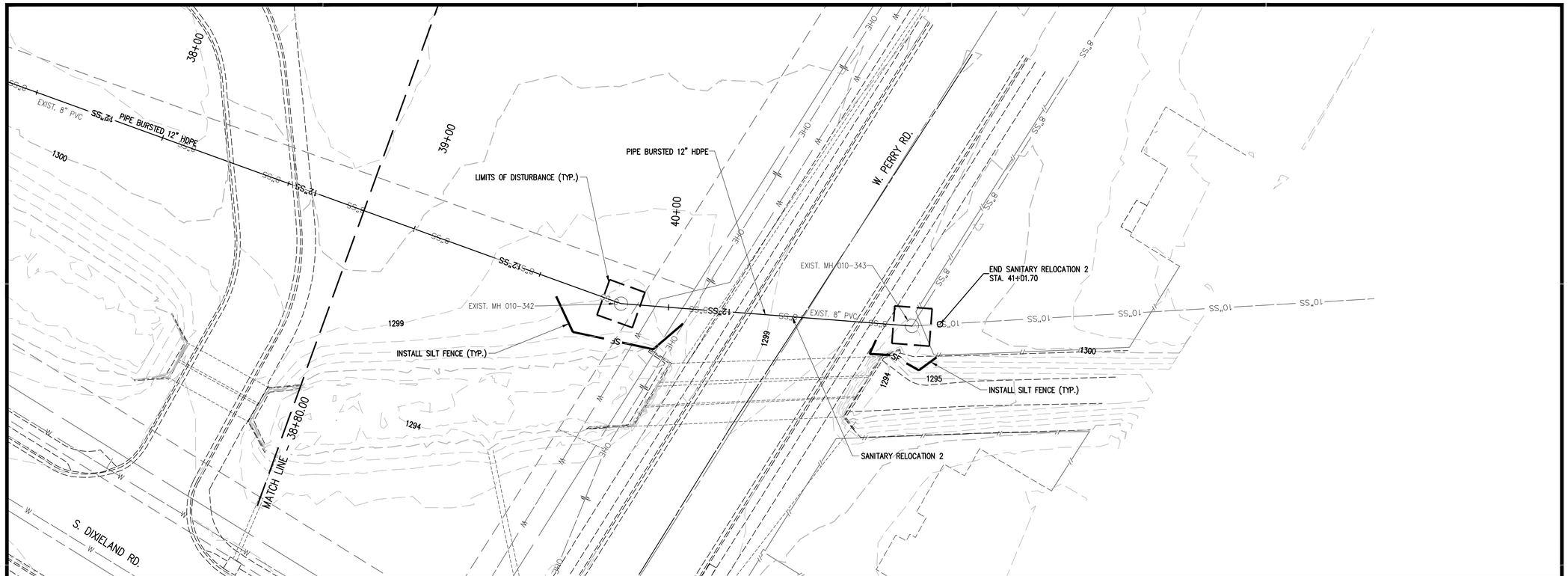
PLOTTED BY: BURNETT, WILLIAM C. | PLOT SCALE: 1:1 | PAGE SIZE: 24.00 X 36.00 HARD COPY ONLY



EROSION CONTROL LEGEND

PS	PERMANENT SEEDING	CD	ROCK CHECK DAM	OP1	RIP RAP SLOPE PROTECTION (SEE SIZE THIS SHEET)
TPS	TEMPORARY PARKING AND STORAGE	CE	STABILIZED CONSTRUCTION EXIT (ENTRANCE)	ECL	PERMANENT EROSION CONTROL LINING
	BOUNDARY LINE	DD	CHANNELED DIVERSIONS	SB	TEMPORARY SEDIMENT BASIN
	RIGHT OF WAY LINE	DS	DEWATERING SYSTEM / STRUCTURE	FFT	FIBER FLOCCULENT TUBE
	LIMITS OF DISTURBANCE	SF	SILT FENCE		
	GRADE BREAK	ST	SEDIMENT BASIN WITH STONE OUTLET		
xxx	CONTOUR ELEVATIONS	IP1	BLOCK AND AGGREGATE INLET SEDIMENT DEVICE		
	STORM DRAIN	IP2	FILTER SOCK CURB INLET PROTECTION		
XX.X%	DIRECTION OF OVERLAND FLOW W/ GRADE	IP3	GRATED INLET GRAVEL SEDIMENT FILTER		
	LIMITS OF DRAINAGE SUB-BASIN	IP4	SILT FENCE INLET PROTECTION		

NOTE: SEE SITE PLAN FOR EXISTING LEGEND SYMBOLS

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20' 0 20'

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
William C. Burnett
9/25/26

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GRADING & EROSION CONTROL

C-317

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\GRADING & EROSION CONTROL 9-16.DWG
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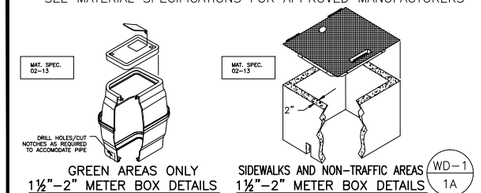
SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



GREEN AREAS ONLY 1½"–2" METER BOX DETAILS

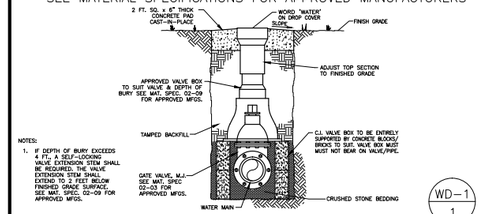
SIDEWALKS AND NON-TRAFFIC AREAS 1½"–2" METER BOX DETAILS

N.T.S. N.T.S.

WD–1 1A

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



NOTES:
1. IF DEPTH OF BURY EXCEEDS 4 FT., A SELF-LOCKING VALVE EXTENSION STEM SHALL INSTALLED. THE VALVE EXTENSION STEM SHALL EXTEND TO 2 FEET BELOW FINISHED GRADE SURFACE. SEE MAT. SPEC. 02-09 FOR APPROVED MFGS.

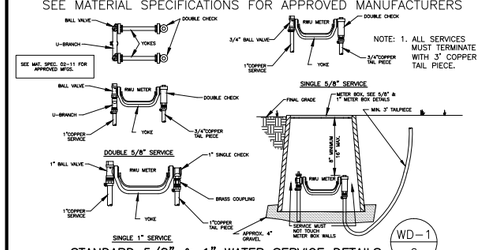
GATE VALVE DETAIL

N.T.S.

WD–1 1

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



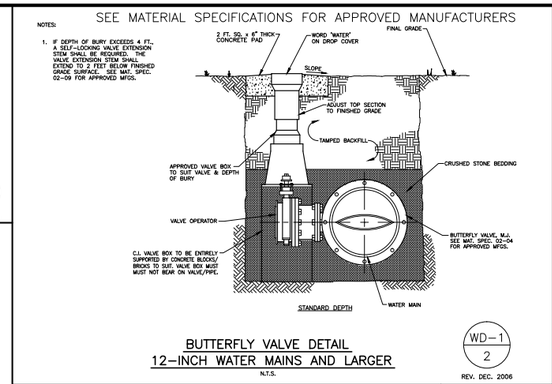
STANDARD 5/8" & 1" WATER SERVICE DETAILS

N.T.S.

WD–1 6

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



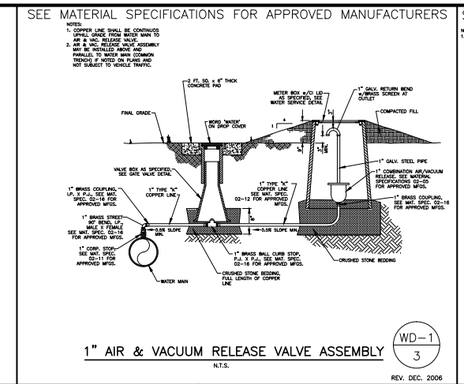
BUTTERFLY VALVE DETAIL 12–INCH WATER MAINS AND LARGER

N.T.S.

WD–1 2

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



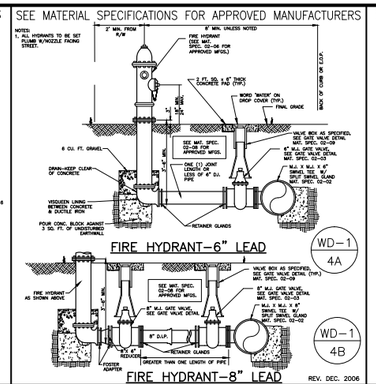
1" AIR & VACUUM RELEASE VALVE ASSEMBLY

N.T.S.

WD–1 3

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



FIRE HYDRANT–6" LEAD

FIRE HYDRANT–8" LEAD

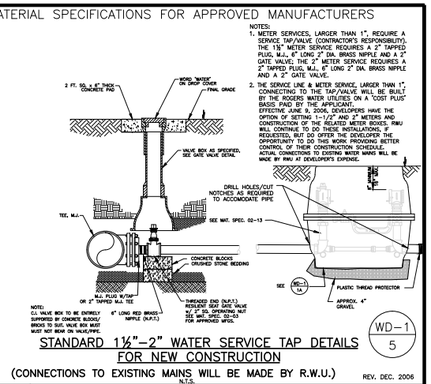
N.T.S.

WD–1 4A 4B

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

NOTES:
1. METER SERVICES, LARGER THAN 1", REQUIRE A SERVICE TAP/VALVE (CONTRACTOR'S RESPONSIBILITY). THE 1½" METER SERVICE REQUIRES A 2" TAPPED PLUG, M.J., 8" LONG 2" DIA. BRASS NIPPLE AND A 2" GATE VALVE; THE 2" METER SERVICE REQUIRES A 2" TAPPED PLUG, M.J., 8" LONG 2" DIA. BRASS NIPPLE AND A 2" GATE VALVE.
2. THE SERVICE LINE & METER SERVICE, LARGER THAN 1", CONNECTING TO THE TAP/VALVE WILL BE BUILT BY THE ROGERS WATER UTILITIES ON A "COST PLUS" BASIS PAID BY THE APPLICANT. EFFECTIVE JULY 2006, DEVELOPERS HAVE THE OPTION OF OBTAINING 1½" AND 2" METERS AND CONNECTING THE SERVICE LINE AND METER BOXES; RWU WILL CONTINUE TO DO THESE INSTALLATIONS, IF REQUESTED, BUT DO OFFER THE DEVELOPER THE OPPORTUNITY TO DO THIS WORK PROVIDING BETTER CONTROL OF THEIR CONSTRUCTION SCHEDULE. ACTUAL CONNECTIONS TO EXISTING WATER MAINS WILL BE MADE BY RWU AT DEVELOPER'S EXPENSE.



STANDARD 1½"–2" WATER SERVICE TAP DETAILS FOR NEW CONSTRUCTION

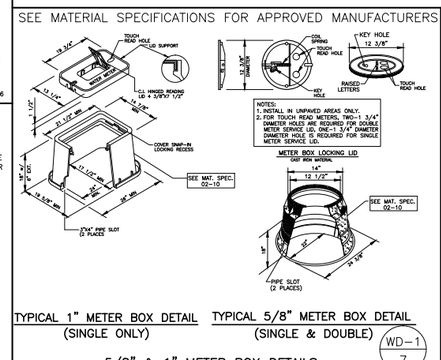
(CONNECTIONS TO EXISTING MAINS WILL BE MADE BY R.W.U.)

N.T.S.

WD–1 5

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



TYPICAL 1" METER BOX DETAIL (SINGLE ONLY)

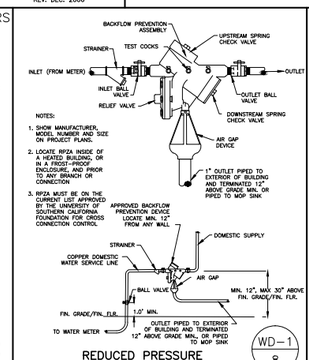
TYPICAL 5/8" METER BOX DETAIL (SINGLE & DOUBLE)

5/8" & 1" METER BOX DETAILS

N.T.S.

WD–1 7

REV. DEC. 2006



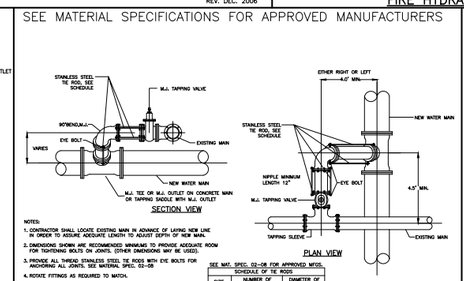
REDUCED PRESSURE ZONE ASSEMBLY (RPZA)

N.T.S.

WD–1 8

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



NOTES:
1. CONTRACTOR SHALL LOCATE EXISTING MAIN IN ADVANCE OF LAYING NEW LINE IN ORDER TO ASSURE ADEQUATE LENGTH TO ADJUST DEPTH OF NEW MAIN.
2. DIMENSIONS SHOWN ARE RECOMMENDED MINIMUMS TO PROVIDE ADEQUATE ROOM FOR TIGHTENING BOLTS ON JOINTS. OTHER DIMENSIONS MAY BE USED.
3. PROVIDE ALL THREAD STAINLESS STEEL TIE RODS WITH EYE BOLTS FOR ANCHORING ALL JOINTS. SEE MATERIAL SPEC. 02-08
4. ROTATE FITTINGS AS REQUIRED TO MATCH.

SWING CONNECTION – NEW MAIN TO EXISTING MAIN

N.T.S.

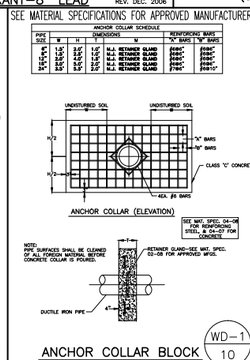
WD–1 9

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

ANCHOR COLLAR SCHEDULE

PIPE SIZE	DIMENSIONS W	H	M	REINFORCING BARS "X" BARS	"N" BARS
4"	1.0'	2.0'	1.0'	M.J. RETAINER GLAND	#4@6"
6"	1.0'	2.0'	1.0'	M.J. RETAINER GLAND	#4@6"
8"	1.0'	2.0'	1.0'	M.J. RETAINER GLAND	#4@6"
12"	2.0'	2.0'	2.0'	M.J. RETAINER GLAND	#4@6"
16"	2.5'	2.5'	2.0'	M.J. RETAINER GLAND	#4@6"
24"	3.0'	3.0'	2.0'	M.J. RETAINER GLAND	#4@6"



ANCHOR COLLAR BLOCK

N.T.S.

WD–1 10

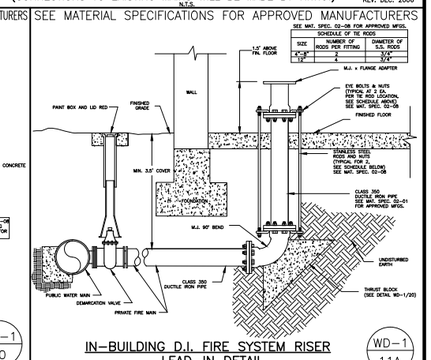
REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

SEE MAT. SPEC. 02-08 FOR APPROVED MFGS.

SCHEDULE OF TIE RODS

SIZE	NUMBER OF RODS PER FITTING	DIAMETER OF S.S. RODS
4"–6"	1	3/4"
8"	2	3/4"
12"	4	3/4"
16"	6	3/4"
24"	8	3/4"



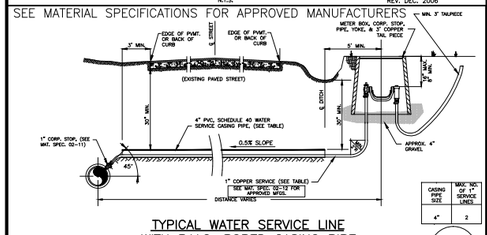
IN–BUILDING D.I. FIRE SYSTEM RISER LEAD–IN DETAIL

N.T.S.

WD–1 11A

REV. AUG. 2007

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



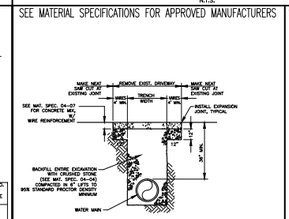
TYPICAL WATER SERVICE LINE WITH P.V.C. BORED CASING PIPE FOR FAR SIDE SERVICE ON EXISTING STREET

N.T.S.

WD–1 12

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



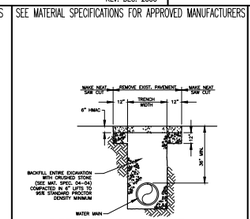
PERMANENT CONCRETE DRIVEWAY CROSSING REPAIR

N.T.S.

WD–1 15

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



PERMANENT ASPHALT DRIVEWAY/STREET CROSSING REPAIR

N.T.S.

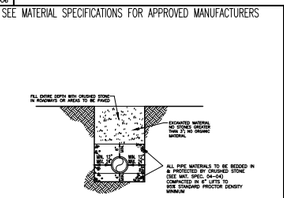
WD–1 16

REV. DEC. 2006

RESERVED

REV. AUG. 2007

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



TRENCH/PIPE BEDDING DETAIL FOR WATER MAINS

N.T.S.

WD–1 18

REV. DEC. 2006

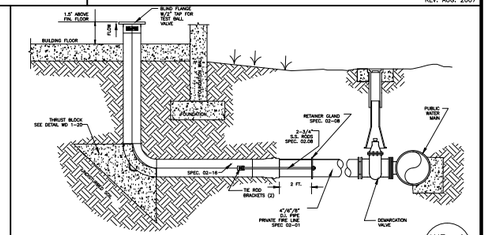
RESERVED

WD–1 13 WD–1 14 WD–1 17

NOT USED

REV. AUG. 2007

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



IN–BUILDING STAINLESS STEEL FIRE LINE RISER

N.T.S.

WD–1 11B

REV. AUG. 2007

GENERAL CONSTRUCTION NOTES:

A. 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.

B. 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.

C. All water and sewer improvements shall be constructed in accordance with the latest revision to the Rogers Water Utilities Standard Specifications.

D. 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.

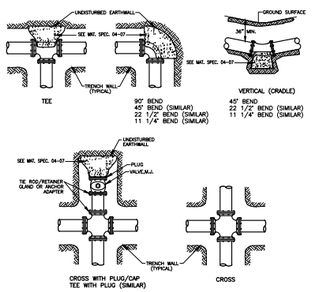
E. Contractor is to remove and dispose of all debris, rubbish and other materials resulting from previous and current demolition operations. Disposal will be in in accordance with all local, state and/or federal regulations governing such operations.

F. 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.

G. 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 tap any water utility main without approval. The contractor shall bear the cost and consequence of any disruption of utility operation caused by construction.

WD–1 19

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



NOTES:
1. All fittings shall be mechanical joint with retainer glands.
2. Do not cover bells or flanges with concrete.
3. Wrap all fittings with visqueen.
4. Tie rods shall be sized to size of branch.
5. Backing future line extensions shall be such that later removal is possible.
6. All bends where fittings are used, both horizontal and vertical, shall be backed.
7. Reaction backing table is based on 150 p.s.i. and soil bearing pressure of 2,500 lb./sq. ft. Additional backing may be required in some areas as directed by engineer.

REACTION BACKING TABLE

	REQUIRED SQ. FT. OF UNDISTURBED EARTHWALL FOR REACTION BACKING			
	TYPE OF FITTINGS			
SIZE	TEE OR PLUG/CAP	90°	45°	22 1/2°	11 1/4°
4"	2	2	1	1	1
6"	3	3	2	1	1
8"	5	5	3	2	1
12"	10	10	6	3	2
16"	16	16	14	10	4
24"	28	28	26	20	8
30"	39	39	32	16	10

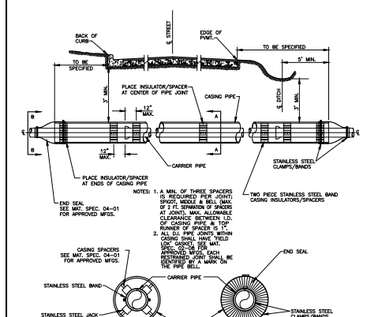
THRUST BLOCKING DETAIL

N.T.S.

WD–1 20

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



SEE MATERIAL SPECIFICATION 04-02

	CARRIER & CASING SIZES					
CARRIER	6"	8"	12"	18"	24"	30"
CASING	12"	16"	24"	30"	36"	48"
CASING/WALL THICKNESS	.250	.250	.375	.500	.500	.625

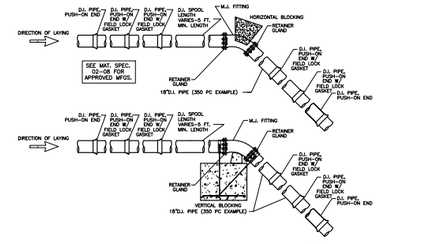
JACK & BORE UNDER ROADWAY DETAIL

N.T.S.

WD–1 21

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



ALL FITTINGS SHALL BE MECHANICAL JOINT WITH RETAINER GLANDS.

NOTES:
1. All fittings shall be mechanical joint, with retainer glands (No Field Lock Gaskets).
2. Main size 18" requires two restrained joints (w/field lock gaskets) away from fitting, (36 ft.); main size 24" requires three restrained joints away from fitting, (54 ft.); and main size 30" requires four restrained joints away from fitting (72 ft.), or as specified by Engineer.

FIELD LOCK GASKETS DETAIL FOR HORIZONTAL AND VERTICAL BENDS (TO BE USED IN CONJUNCTION WITH THRUST BLOCKING) FOR 18–INCH AND LARGER WATER MAINS

N.T.S.

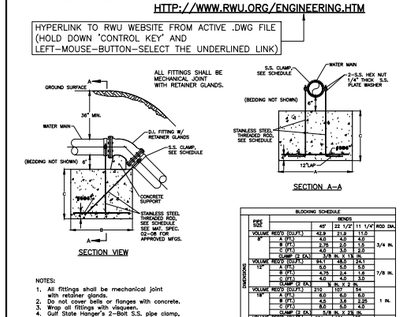
WD–1 22

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

HTTP://WWW.RWU.ORG/ENGINEERING.HTM

HYPERLINK TO RWU WEBSITE FROM ACTIVE .DWG FILE (HOLD DOWN "CONTROL KEY" AND LEFT-MOUSE-BUTTON-SELECT THE UNDERLINED LINK)



NOTES:
1. All fittings shall be mechanical joint with retainer glands.
2. Do not cover bells or flanges with concrete.
3. Wrap all fittings with visqueen.
4. Gulf State Hanger's 2–Bolt S.S. pipe clamp, medium–Fig. 80 or approved equal.

BLOCKING SCHEDULE

		BENDS			
		45°	22 1/2°	11 1/4°	ROD DIA.
VOLUME REQ'D (CU.FT.)		42.8	23.0	11.6	
4"	A (IN.)	4.0	4.0	4.0	
	B (IN.)	4.0	4.0	4.0	3/4 IN.
	C (IN.)	4.0	4.0	4.0	
	DUMP (C.Y.)	0.3	0.3	0.3	
VOLUME REQ'D (CU.FT.)		84.11	45.18	22.81	
6"	A (IN.)	6.0	6.0	6.0	
	B (IN.)	6.0	6.0	6.0	7/8 IN.
	C (IN.)	4.0	4.0	4.0	
	DUMP (C.Y.)	0.6	0.6	0.6	
VOLUME REQ'D (CU.FT.)		210	113	56	
8"	A (IN.)	8.0	8.0	8.0	
	B (IN.)	8.0	8.0	8.0	1 IN.
	C (IN.)	8.0	8.0	8.0	
	DUMP (C.Y.)	1.0	1.0	1.0	
VOLUME REQ'D (CU.FT.)		504	181	90	
24"	A (IN.)	8.0	8.0	8.0	
	B (IN.)	8.0	8.0	8.0	1½ IN.
	C (IN.)	8.0	8.0	8.0	
	DUMP (C.Y.)	3.0	3.0	3.0	

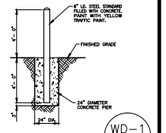
VOLUME CALCULATED ON THE BASIS OF CONCRETE REACTING AGAINST UNDISTURBED EARTH WITH A MINIMUM BEARING PRESSURE OF 2,500 LBS/SQ.FT. AND THE WEIGHT OF CONCRETE IS 150 POUNDS PER CU. FT.

VERTICAL TIE–DOWN BLOCKING DETAIL

N.T.S.

WD–1 23

REV. DEC. 2006



GUARDPOST DETAIL

N.T.S.

WD–1 24

REV. DEC. 2006

WATER DETAILS

UPDATED DRAWING 07/12/2011

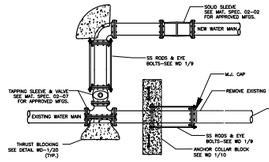
ROGERS WATER UTILITIES
P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ROGERS, ARKANSAS
72757-0338

DRAWN BY:	DATE:	SHEET NO.
DDS	REV. AUG./07	WD–1
CHECKED BY: EB	PROJECT NUMBER: STANDARD WATER DETAILS	

RESERVED

WD-2 / 1A

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



CUT AND CAP DETAIL #1

N.T.S.

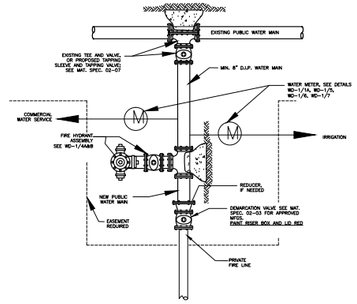
WD-2 / 1

REV. DEC. 2006

RESERVED

WD-2 / 6

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



COMMERCIAL, IRRIGATION AND FIRE LINE CONNECTION DETAIL

N.T.S.

WD-2 / 2

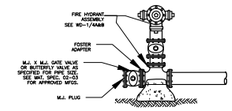
REV. DEC. 2006

RESERVED

WD-2 / 3

REV. MAR. 2009

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



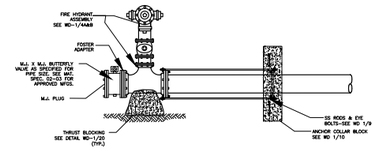
END-OF-LINE/PHASE LINE FIRE HYDRANT DETAIL 8" & 12" MAINS

N.T.S.

WD-2 / 4

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



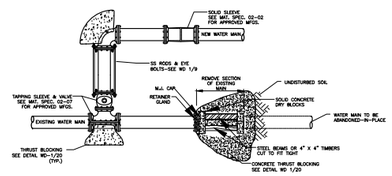
END-OF-LINE/PHASE LINE FIRE HYDRANT DETAIL MAINS LARGER THAN 12"

N.T.S.

WD-2 / 5

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



CUT AND CAP DETAIL #2 "HOT-BLOCK"

N.T.S.

WD-2 / 7

REV. DEC. 2006

RESERVED

WD-2 / 8

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 9

REV. NOV. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

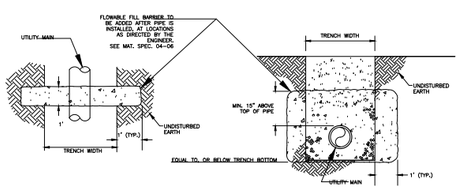
WD-2 / 10

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 11

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

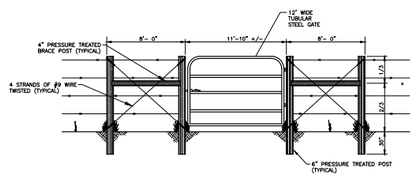


ANTI-SEEPAGE BARRIER COLUMN

N.T.S.

WD-2 / 12

REV. DEC. 2006



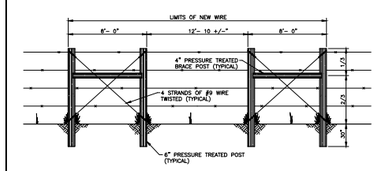
NOTES: 1. H-brace units shall be installed prior to cutting existing fence
2. Height of post to match existing posts.
3. New wire shall be the same type as existing fence.

FARM GATE INSTALLATION DETAIL

N.T.S.

WD-2 / 13

REV. AUG. 2007



NOTES: 1. H-brace units shall be installed prior to cutting existing fence
2. Height of post to match existing posts.
3. New wire shall be the same type as existing fence.

BARBED WIRE FENCE CROSSING REPAIR DETAIL

N.T.S.

WD-2 / 14

REV. AUG. 2007

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 15

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 16

RESERVED

WD-2 / 17

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 18

METER SIZING AND MAIN CONNECTION DATA

METER SIZE	FLOW RANGE	CONNECTION TO MAIN		METER BOX APPROX. SIZE		SOURCE
		NEW MAIN	EXISTING MAIN	SIDEWALK	GREEN AREAS	
5/8" (SINGLE OR DOUBLE)	1-20 GPM	1" CORP. STOP	1" CORP. STOP		~22" DIA. BASE	SEE STANDARD SPEC. 02-10
1"	3-50 GPM	1" CORP. STOP	1" CORP. STOP		~18"x24"BASE	SEE STANDARD SPEC. 02-10
1 1/2"	4-120 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	32" x 42" (PRECAST BOX)	2~24"x37" METER BOXES	SEE STANDARD SPEC. 02-13
2"	4-160 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	32" x 42" (PRECAST BOX)	2~24"x37" METER BOXES	SEE STANDARD SPEC. 02-13
3"	5-350 GPM	SEE WD 1/5	2" TAPPING SADDLE AND VALVE	8' L. x 5.5' W. x 4' D.		PRECAST BY PILE CONCRETE, LOWELL , AR
4"	15-1000 GPM	MAIN x 4" TEE AND VALVE	MAIN x 4" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWU FOR LID DETAIL
6"	30-2,000 GPM	MAIN x 6" TEE AND VALVE	MAIN x 6" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWU FOR LID DETAIL
8"	35-3,500 GPM	MAIN x 8" TEE AND VALVE	MAIN x 8" TAPPING SADDLE AND VALVE	6'x10'		(CAST-IN-PLACE BOX) BY CONTRACTOR-SEE RWU FOR LID DETAIL

NOTE: CONECTIONS TO NEW MAINS ARE CONSTRUCTED BY THE CONTRACTOR. CONNECTIONS TO EXISTING MAINS ARE CONSTRUCTED BY RWU ON A COST PLUS BASIS

WD-2 / 19

RESERVED

WD-2 / 20

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 21

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

WD-2 / 22

RESERVED

WD-2 / 23

WD-2-2010NG

WATER DETAILS

UPDATED DRAWING 07/12/2011

RWU ROGERS WATER UTILITIES

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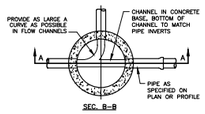
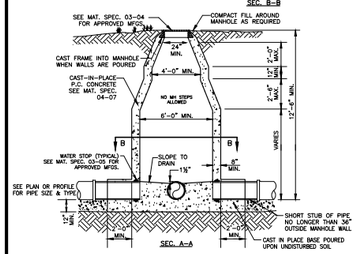
DRAWN BY:	DATE:	SHEET NO.
DDS	REV. JAN./08	WD-2
CHECKED BY: ED	PROJECT NUMBER: STANDARD WATER DETAILS	

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

NOTES:
1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12-FOOT ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY FOR THE ENTIRE CONTACT AREA OF THE JOINT. 15" EMBEDMENT, + WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
4. MANHOLES THAT ARE LESS THAN 12'-6" IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE TO LIMITS OF EXCAVATION IN ALL DIRECTIONS 24" MINIMUM.
6. CONSTRUCT FLOW CHANNEL FOR ALL PIPES ENTERING MANHOLE, INCLUDING SERVICES. SLOPE CHANNELS TO MATCH PIPE INVERTS.
7. THE TOP OF MANHOLE TO BE LEVEL WITH FINISHED GRADE, UNLESS OTHERWISE NOTED OR DIRECTED BY THE UTILITY.
8. BRUSH FINISH SURFACES OF CONCRETE AND REMOVE ALL SHARP EDGES.

NOTES:
1. THE UTILITY MUST APPROVE THE USE OF A DROP MANHOLE AND IF APPROVED, THE DROP MANHOLE ASSEMBLY IS ONLY ALLOWED IN THE 6-FOOT BARREL SECTION.
2. THE SEWER SERVICE PIPE CROWN ELEVATION ENTERING THE MANHOLE SHALL MATCH THE PIPE CROWN ELEVATION OF THE ENTERING SEWER MAIN.





6 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL

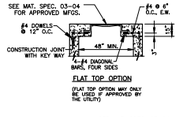
N.T.S.

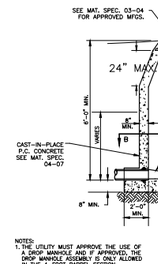
SD-1 / 1

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

NOTES:
1. A MANHOLE BARREL CONSTRUCTION JOINT IS ALLOWED WITHIN A STRAIGHT WALL SEGMENT OF THE BARREL AT 12-FOOT ABOVE THE MANHOLE BASE AND SHALL HAVE A KEY WAY FOR THE ENTIRE CONTACT AREA OF THE JOINT. 15" EMBEDMENT, + WATER STOP SHALL BE USED IF DIRECTED BY THE UTILITY.
2. THE BASE AND WALLS SHALL BE POURED MONOLITHICALLY.
3. THE CENTERLINE OF ALL PIPES ENTERING AND LEAVING MANHOLE SHALL PASS THROUGH THE CENTER OF THE MANHOLE.
4. MANHOLES THAT ARE LESS THAN 6-FOOT IN DEPTH SHALL BE INDIVIDUALLY DESIGNED PER LOCATION CONDITIONS AND MUST BE APPROVED BY THE UTILITY.
5. POUR OUTSIDE MANHOLE BASE SO THAT THE TOP OF OUTSIDE BASE IS EVEN OR 2-INCH ABOVE THE CROWN OF THE PIPES ENTERING THE MANHOLE BASE. EXTEND MANHOLE BASE TO LIMITS OF EXCAVATION IN ALL DIRECTIONS 24" MINIMUM.
6. CONSTRUCT FLOW CHANNEL FOR ALL PIPES ENTERING MANHOLE, INCLUDING SERVICES. SLOPE CHANNELS TO MATCH PIPE INVERTS.
7. THE TOP OF MANHOLE TO BE LEVEL WITH FINISHED GRADE, UNLESS OTHERWISE NOTED OR DIRECTED BY THE UTILITY.
8. BRUSH FINISH SURFACES OF CONCRETE AND REMOVE ALL SHARP EDGES.



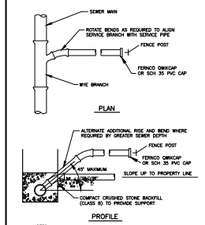


4 FT. CAST-IN-PLACE SANITARY SEWER MANHOLE DETAIL

N.T.S.

SD-1 / 2

REV. DEC. 2006



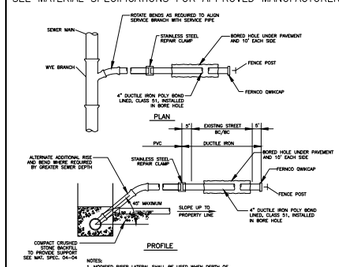
NOTES:
1. MODIFIED RISER LATERAL SHALL BE USED WHEN DEPTH OF COVER EXCEEDS 7'-0".
2. PROVIDE 4" MIN. DEPTH OF CLASS 3 CRUSHED STONE FOR BEDDING AS SHOWN ON PLAN VIEW.
3. SERVICE LATERAL STUBS SHALL TERMINATE AT LEAST 3 FEET INSIDE THE PROPERTY LINE BUT IN NO CASE SHALL THE SERVICE LATERAL STUB TERMINATE AT A DISTANCE LESS THAN 6 FEET FROM THE SANITARY SEWER MAIN.
4. BURY A 6 FOOT STEEL TEE FENCE POST AT END OF SERVICE LATERAL STUB AND SEVEN FEET (7) TO FINISHED GRADE OF PROPERTY. A GUARD 6-FOOT TEE FENCE POST SHALL ALSO BE REQUIRED IF BURIED STEEL POST TOP IS BELOW FINISHED GRADE OF PROPERTY.
5. CLASS 51, 4" DUCTILE IRON PIPE, LINED FOR SANITARY SEWER SERVICE, SHALL BE INSTALLED FOR SERVICES BURIED AT DEPTHS OF 14 FEET AND GREATER.

STANDARD SEWER SERVICE LATERAL

N.T.S.

SD-1 / 3

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



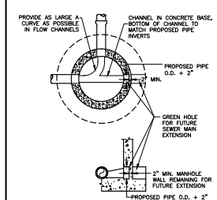
NOTES:
1. MODIFIED RISER LATERAL SHALL BE USED WHEN DEPTH OF COVER EXCEEDS 7'-0".
PROVIDE 4" MIN. DEPTH CRUSHED STONE FOR BEDDING AS SHOWN ON PLAN VIEW. CLASS 3 STONE.
3. SERVICE LATERAL STUBS SHALL TERMINATE AT LEAST 3 FEET INSIDE THE PROPERTY LINE BUT IN NO CASE SHALL THE SERVICE LATERAL STUB TERMINATE AT A DISTANCE LESS THAN 6 FEET FROM THE SANITARY SEWER MAIN.
4. BURY A 6 FOOT STEEL TEE FENCE POST AT END OF SERVICE LATERAL STUB AND SEVEN FEET (7) TO FINISHED GRADE OF PROPERTY. A GUARD 6-FOOT TEE FENCE POST SHALL ALSO BE REQUIRED IF BURIED STEEL POST TOP IS BELOW FINISHED GRADE OF PROPERTY.
5. CLASS 51, 4" DUCTILE IRON PIPE, LINED FOR SANITARY SEWER SERVICE, SHALL BE INSTALLED FOR SERVICES BURIED AT DEPTHS OF 14 FEET AND GREATER. SEE MAT. SPEC. 03-02 FOR APPROVED MFGS.

BORED SEWER SERVICE LATERAL UNDER EXISTING STREET

N.T.S.

SD-1 / 4

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



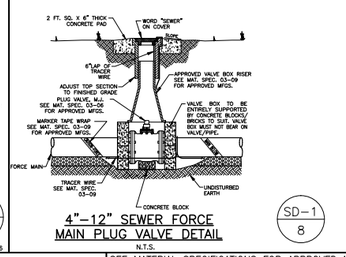
GREENHOLE/BLOCK OUT FOR FUTURE EXTENSION

N.T.S.

SD-1 / 7

REV. DEC. 2006

NOTES:
1. IF DEPTH OF BURY EXCEEDS 4 FT., A SELF-LOCKING VALVE EXTENSION STEM SHALL BE REQUIRED. THE VALVE EXTENSION STEM SHALL EXTEND NO FEET BELOW FINISHED GRADE. SEE MAT. SPEC. 03-09 FOR APPROVED MFGS.
2. THE TRACER WIRE SHALL EXTEND ALONG THE OUTSIDE AND TO THE TOP OF THE BOX. 6" LAP SHALL BE PROVIDED INTO THE BOX.

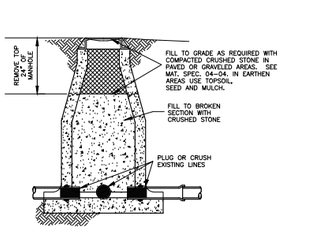


4"–12" SEWER FORCE MAIN PLUG VALVE DETAIL

N.T.S.

SD-1 / 8

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

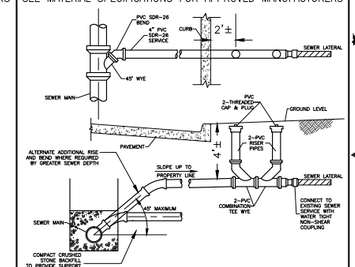


SANITARY SEWER MANHOLE ABANDONMENT

N.T.S.

SD-1 / 5

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



TWO-WAY CLEANOUTS WILL BE INSTALLED WHEN SEWER SERVICE IS IN THE STREET

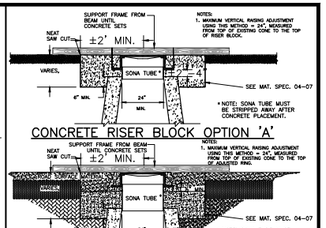
4 INCH TWO-WAY SERVICE CLEANOUT

NTS

SD-1 / 6

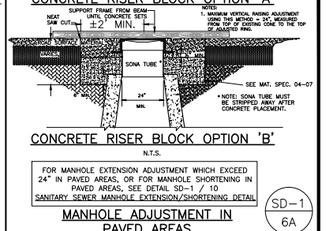
REV. MAY, 2012

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



CONCRETE RISER BLOCK OPTION 'A'

N.T.S.



CONCRETE RISER BLOCK OPTION 'B'

N.T.S.

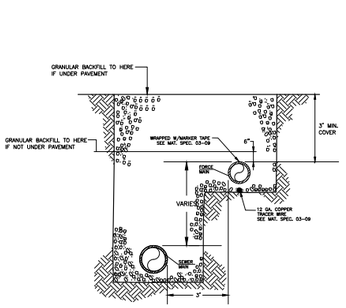
FOR MANHOLE EXTENSION ADJUSTMENT WHICH EXCEED 24" IN PAVED AREAS, OR FOR MANHOLE SHORTENING IN PAVED AREAS, SEE DETAIL SD-1 / 10
SANITARY SEWER MANHOLE EXTENSION/SHORTENING DETAIL

MANHOLE ADJUSTMENT IN PAVED AREAS

N.T.S.

SD-1 / 6A

REV. DEC. 2006

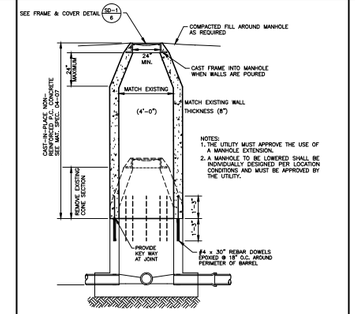


PARALLEL SEWER FORCE MAIN & SANITARY SEWER MAIN

N.T.S.

SD-1 / 9

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

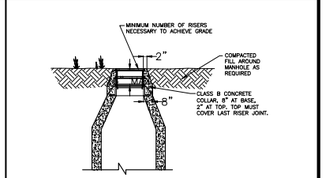


SANITARY SEWER MANHOLE EXTENSION/SHORTENING DETAIL

N.T.S.

SD-1 / 10

REV. DEC. 2006



FOR MANHOLE EXTENSION ADJUSTMENT WHICH EXCEED 24" IN GREEN AREAS, OR FOR MANHOLE SHORTENING IN GREEN AREAS, SEE DETAIL SD-1 / 10
SANITARY SEWER MANHOLE EXTENSION/SHORTENING DETAIL

MANHOLE ADJUSTMENT IN GREEN AREAS

N.T.S.

SD-1 / 10B

REV. DEC. 2006

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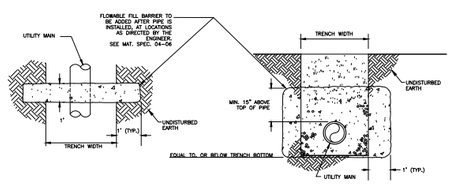
HTTP://WWW.RWU.ORG/ENGINEERING.HTM

HYPERLINK TO RWU WEBSITE FROM ACTIVE .DWG FILE (HOLD DOWN 'CONTROL KEY' AND LEFT-MOUSE-BUTTON-SELECT THE UNDERLINED LINK)

SD-1 / 11

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



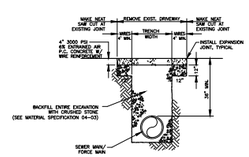
ANTI–SEEPAGE BARRIER COLUMN

N.T.S.

SD-1 / 12

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

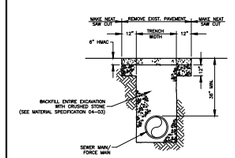


CONCRETE DRIVEWAY CROSSING REPAIR

N.T.S.

SD-1 / 13

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

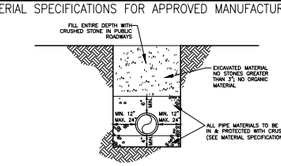


ASPHALT DRIVEWAY/STREET CROSSING REPAIR

N.T.S.

SD-1 / 14

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



TRENCH/PIPE BEDDING DETAIL FOR SEWER FORCE MAINS & SANITARY SEWER MAINS

N.T.S.

SD-1 / 15

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

RESERVED

SD-1 / 16

REV. DEC. 2006

GENERAL CONSTRUCTION NOTES:

A. 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 pre-cautions to prevent property damage.

B. 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.

C. All water and sewer improvements shall be constructed in accordance with the latest revision to the Rogers Water Utilities Standard Specifications.

D. 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.

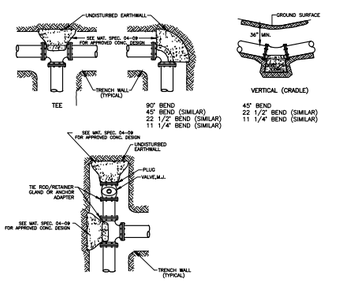
E. Contractor is to remove and dispose of all debris, rubbish and other materials resulting from previous and current demolition operations. Disposal will be in accordance with all local, state and/or federal regulations governing such operations.

F. 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.

G. 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 tap any water utility main without approval. The contractor shall bear the cost and consequence of any disruption of utility operation caused by construction.

SD-1 / 17

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



NOTES:
1. All fittings shall be mechanical joint.
2. Do not cover bells or flanges with concrete.
3. Wrap all fittings with visqueen.
4. Place 1 cubic yard concrete at the of branch.
5. Backing future line extensions shall be such that later removal is possible.
6. All bends where fittings are used, both horizontal and vertical, shall be backed.
7. Reaction backing table is based on 150 p.s.i. and soil bearing pressure of 2,500 lb/sq. ft. Additional backing may be required in some areas as directed by engineer.

REACTION BACKING TABLE
REQUIRED SQ. FT. OF UNDISTURBED EARTHWALL FOR REACTION BACKING

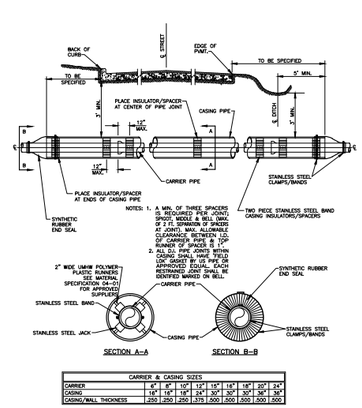
SIZE	TYPE OF FITTINGS				
	TEE OR PLUG	90°	45°	22 1/2°	11 1/4°
4"	1	1	1	1	1
6"	2	1	1	1	1
8"	3	2	1	1	1
10"	4	3	2	1	1
12"	5	4	3	2	1
14"	6	5	3	2	1
16"	10	10	5	3	2

SEWER FORCE MAIN THRUST BLOCKING DETAIL

N.T.S.

SD-1 / 18

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



NOTES:
1. A MIN. OF THREE SPACERS SHALL BE PROVIDED FOR EVERY 18-FOOT LENGTH OF CARRIER PIPE. (1 SPACER PER 6 FT. SEPARATION OF SPACERS AT JOINT). MAX. ALLOWABLE CLEARANCE BETWEEN I.D. OF CASING PIPE AND O.D. OF RUNNER OF SPACER IS 1".
2. ALL D.I. PIPE JOINTS WITHIN CASING SHALL HAVE FIELD WRAPPED JOINTS. MATERIAL APPROVED EQUAL. EACH RESTRAINED JOINT SHALL BE IDENTIFIED MARKED ON BELL.

CARRIER & CASING SIZES									
CARRIER	6"	8"	10"	12"	15"	16"	18"	20"	24"
CASING	16"	16"	18"	24"	30"	30"	30"	36"	36"
CASING/WALL THICKNESS	.250	.250	.250	.375	.500	.500	.500	.500	.500

JACK & BORE UNDER ROADWAY DETAIL

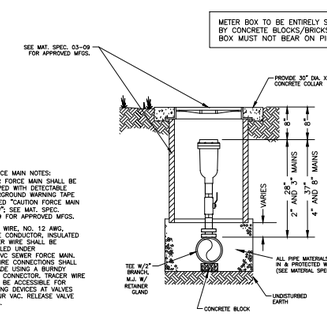
N.T.S.

SD-1 / 19

REV. DEC. 2006

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

METER BOX TO BE ENTIRELY SUPPORTED BY CONCRETE BLOCKS/BRICKS TO SUIT. BOX MUST NOT BEAR ON PIPE.



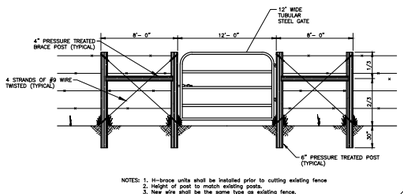
PVC FORCE MAIN NOTES:
1. SEWER FORCE MAIN SHALL BE WRAPPED WITH DETECTABLE UNDERGROUND WARNING TAPE LABELED "CAUTION FORCE MAIN BELOW". SEE MAT. SPEC. 03-09 FOR APPROVED MFGS.
2. TRACE WIRE, NO. 12 AWG, SINGLE CONDUCTOR, INSULATED COPPER WIRE SHALL BE INSTALLED UNDER THE PVC SEWER FORCE MAIN. ALL WIRE CONNECTIONS SHALL BE MADE USING A BURNDY CRIMP CONNECTOR. TRACER WIRE SHALL BE ACCESSIBLE FOR LOCATING DEVICES AT VALVES AND AIR VAC. RELEASE VALVE BOXES.

SEWER FORCE MAIN AIR AND VACUUM RELEASE VALVE ASSEMBLY

N.T.S.

SD-1 / 20

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS



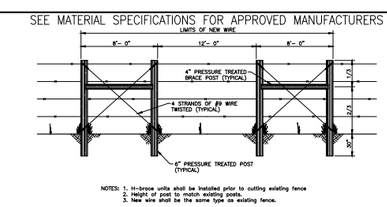
NOTES: 1. H-brace units shall be installed prior to cutting existing fence
2. Height of post to match existing posts.
3. New wire shall be the same type as existing fence.

FARM GATE INSTALLATION DETAIL

N.T.S.

SD-1 / 21

SEE MATERIAL SPECIFICATIONS FOR APPROVED MANUFACTURERS

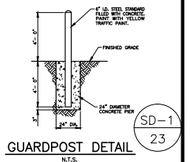


NOTES: 1. H-brace units shall be installed prior to cutting existing fence
2. Height of post to match existing posts.
3. New wire shall be the same type as existing fence.

BARBED WIRE FENCE CROSSING REPAIR DETAIL

N.T.S.

SD-1 / 22



GUARDPOST DETAIL

N.T.S.

SD-1 / 23

SEWER DETAILS

REVISED 05/08/2012

RWU ROGERS WATER UTILITIES

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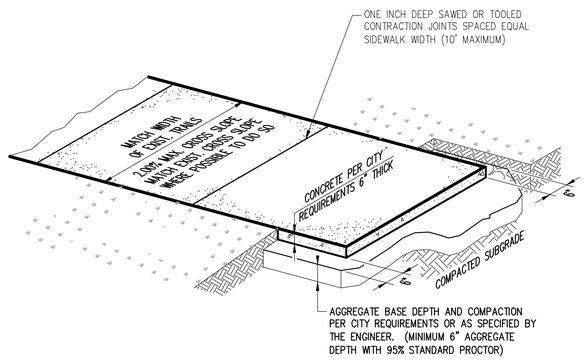
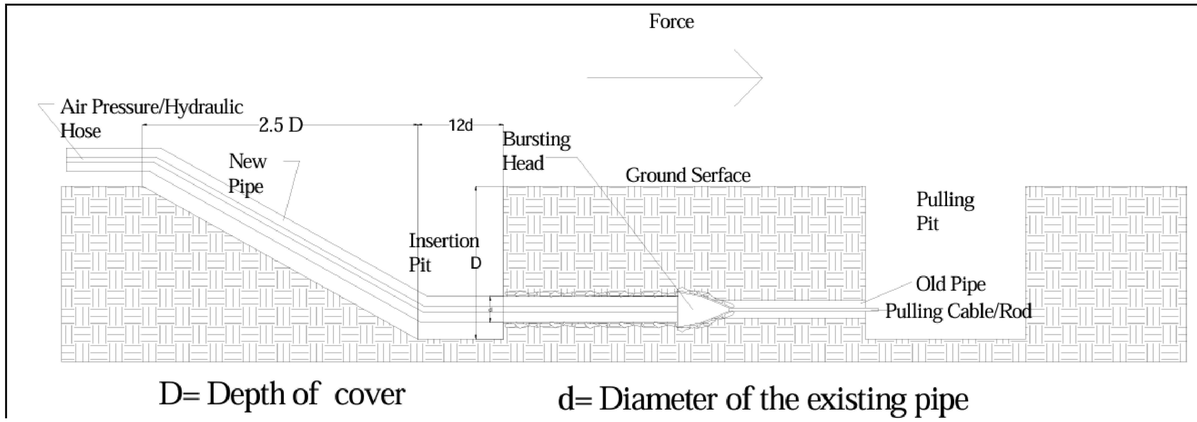
72757-0338

DRAWN BY:	DATE:	SHEET NO.
DDS	REV.AUG./2007	SD-1
CHECKED BY: EB	PROJECT NUMBER: STANDARD SEWER DETAILS	

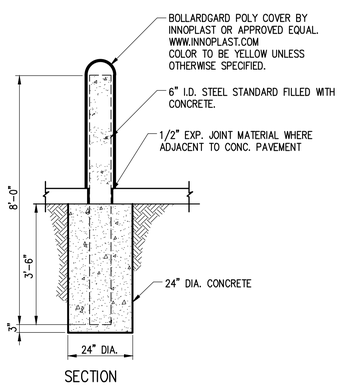
NOTES:
1. FOR BLOSSOMWAY TRAIL REPLACEMENT, EXIST. WIDTH IS 10FT.
2. FOR GOLF CART TRAIL REALIGNMENT, EXIST. WIDTH IS 6FT.
3. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL STATIONARY OBJECTS.
4. CONCRETE MIXTURE TO BE PER CITY REQUIREMENTS OR AS SPECIFIED BY THE ENGINEER.
5. PROVIDE 1/2" TOOLED RADIUS ON ALL EXPOSED EDGES.
6. CONCRETE TO BE MINIMUM 4000 PSI, 4–7% AE, OR AS REQUIRED BY CITY.
7. CONTRACTION/EXPANSION JOINTS PER CITY REQUIREMENTS OR AS SPECIFIED BY THE ENGINEER. MINIMUM: 5'/25' FOR 5' WIDE SIDEWALK, 6'/24' FOR 6' WIDE SIDEWALK. EXPANSION JOINTS SHALL BE 1/2" X FULL DEPTH.



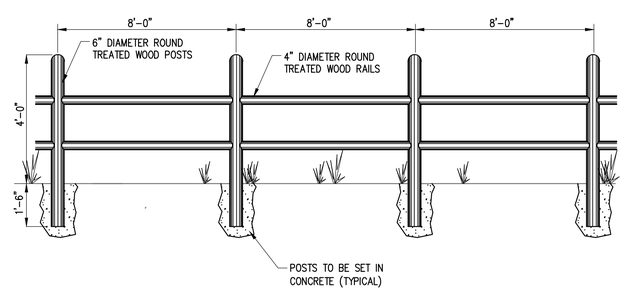
BLOSSOMWAY AND GOLF CART TRAIL DETAIL
NTS



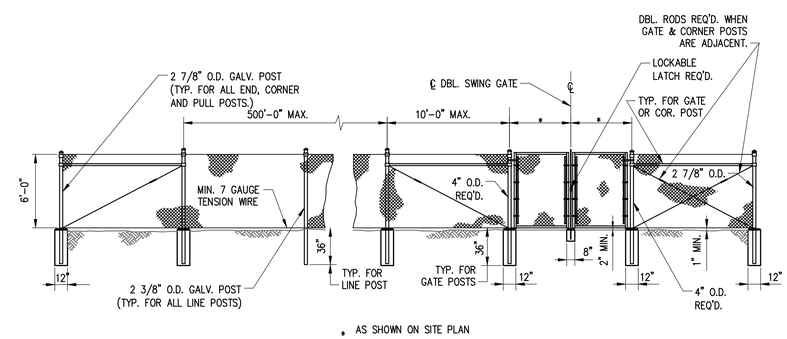
PIPE BURSTING OPERATION LAYOUT AND INSERTION/PULLING PIT



STATIONARY–BOLLARD
NTS



WOODEN FENCE
NTS



CHAIN LINK FENCE
NTS

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

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CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER MAIN CONSTRUCTION
ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/04/2024
ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SITE DETAILS

C–501

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SITE DETAILS.DWG
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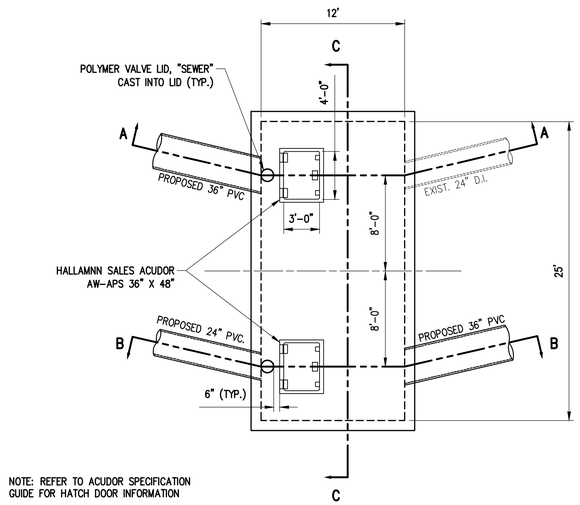
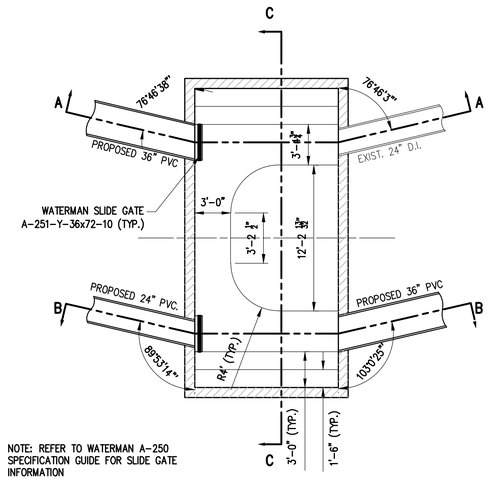


NOTE: REFER TO ACUDOR SPECIFICATION GUIDE FOR HATCH DOOR INFORMATION

DIVERSION BOX 1, TOP SLAB

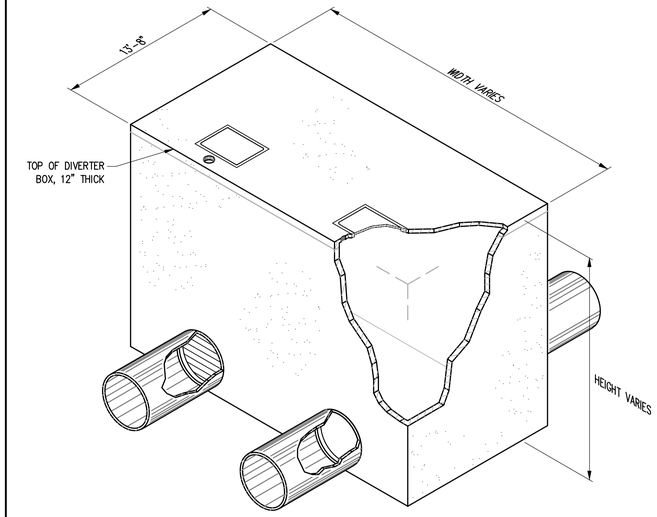
STA. 34+53.20, PARALLEL MAIN NTS



NOTE: REFER TO WATERMAN A-250 SPECIFICATION GUIDE FOR SLIDE GATE INFORMATION

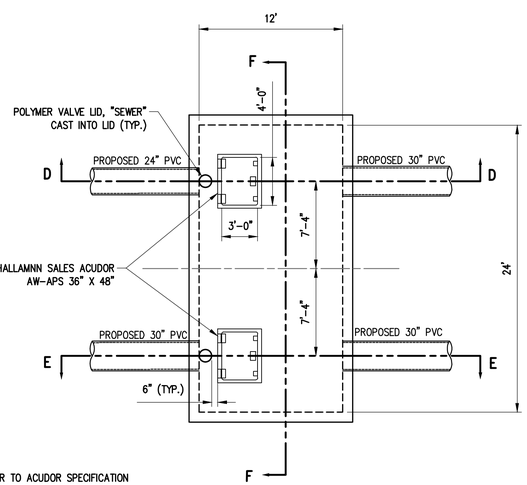
DIVERSION BOX 1, FLOOR SLAB

STA. 34+53.20, PARALLEL MAIN NTS



TYPICAL DIVERTER BOX

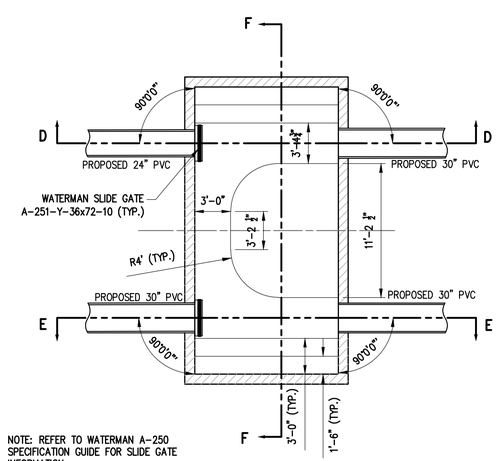
NTS



NOTE: REFER TO ACUDOR SPECIFICATION GUIDE FOR HATCH DOOR INFORMATION

DIVERSION BOX 2, TOP SLAB

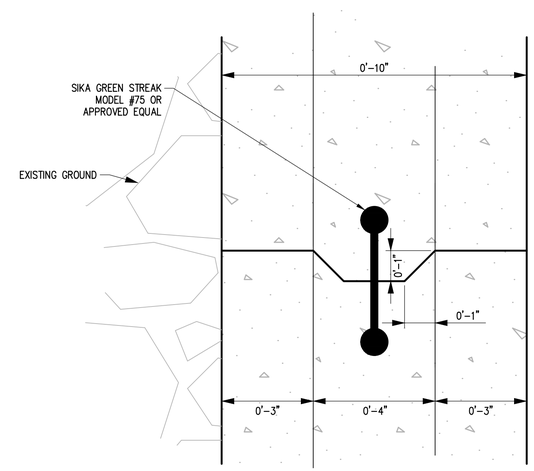
STA. 110+40.70, PARALLEL MAIN NTS
STA. 13+85.37, SANITARY RELOCATION 2 NTS



NOTE: REFER TO WATERMAN A-250 SPECIFICATION GUIDE FOR SLIDE GATE INFORMATION

DIVERSION BOX 2, FLOOR SLAB

STA. 110+40.70, PARALLEL MAIN NTS
STA. 13+85.37, SANITARY RELOCATION 2 NTS



KEYWAYED CONSTRUCTION JOINT

NTS

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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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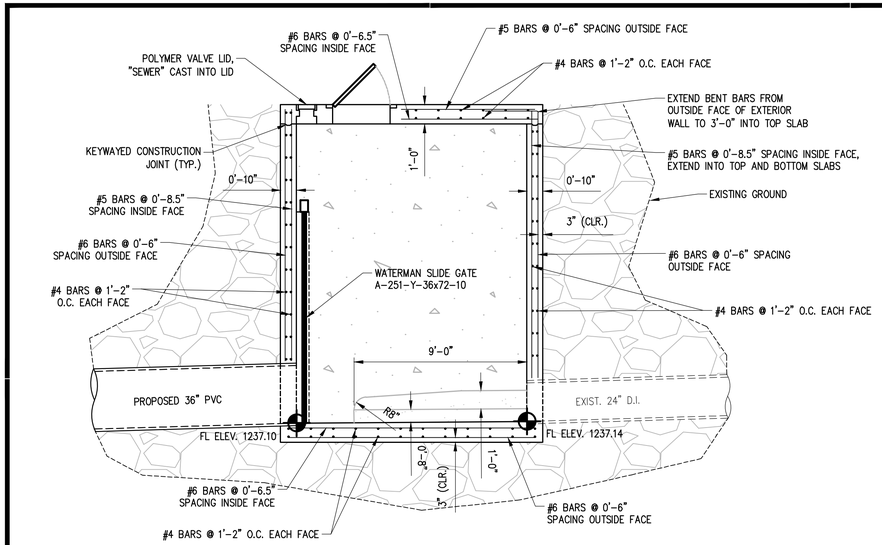
DIVERTER BOX DETAIL

C-502

DRAWING: C:\23100300_BLOSSOMWAY\ARKASTRUCTURE\CIVIL\DWG\DIVERTER BOX DETAIL.DWG
LAYOUT: HATCH SHEET, PLOT SAVED: 9/25/2026 11:27:03 AM
PLOTTED BY: BRIAN WOODS, 9/25/2026 11:27:03 AM VALID OPH HARD COPY ONLY!

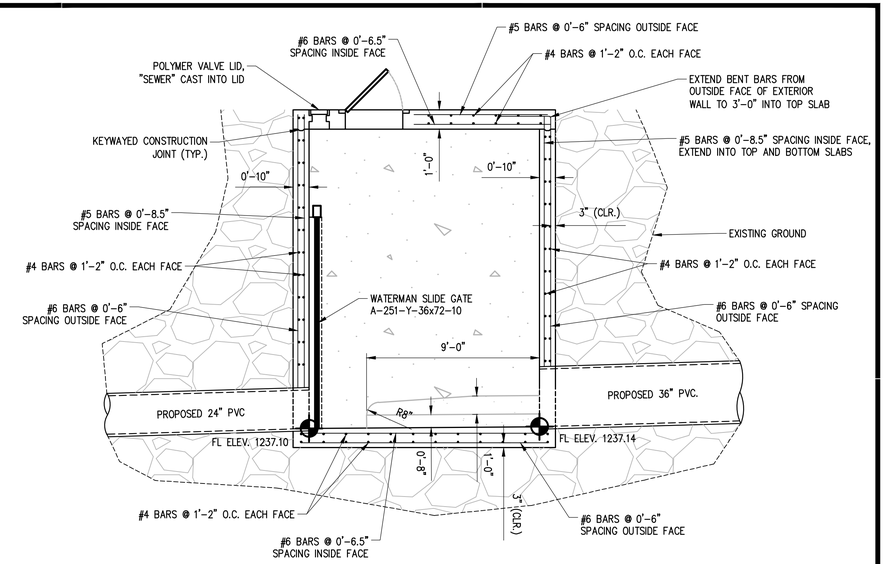


DIVERSION BOX 1, SECTION A–A

STA. 34+53.20, PARALLEL MAIN NTS

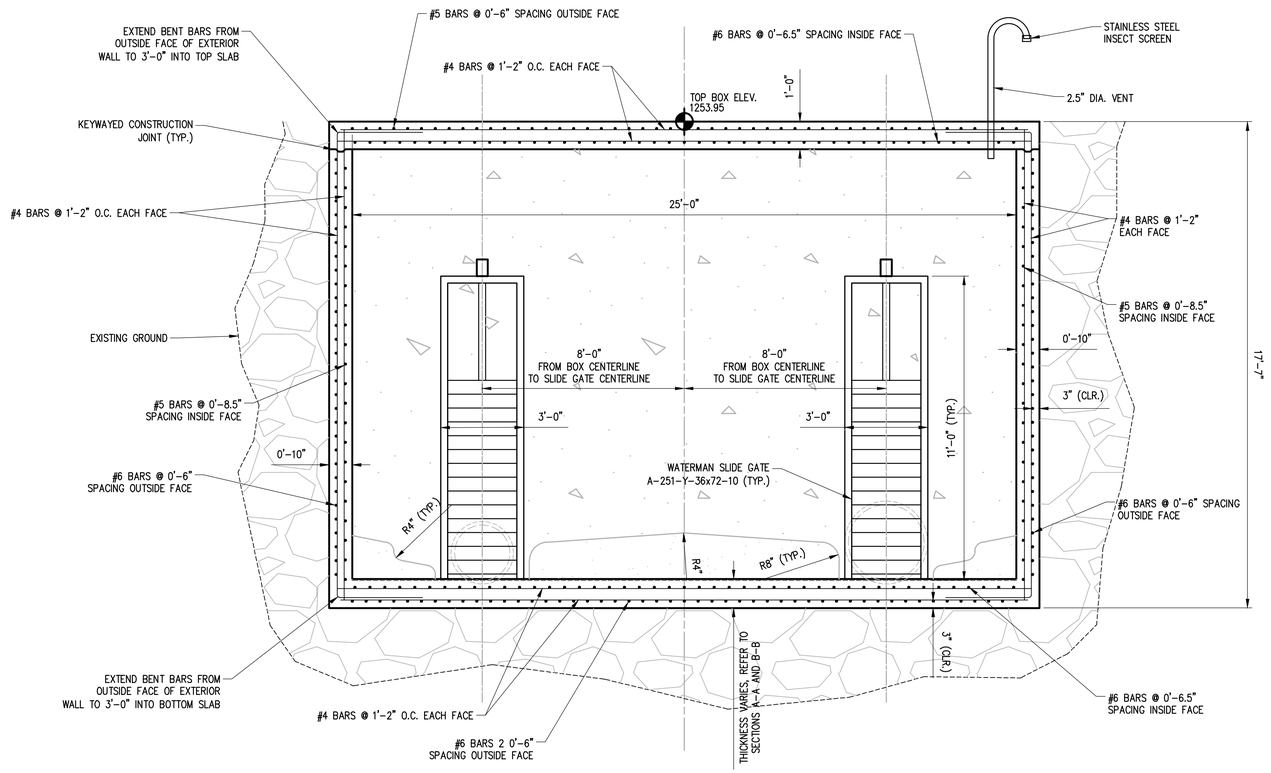
NOTES:

1. REFER TO WATERMAN A-250 SPECIFICATION GUIDE FOR SLIDE GATE INFORMATION.
2. REINFORCING BARS SHALL HAVE 2" MIN. COVER UNLESS OTHERWISE NOTED.
3. CONCRETE SHALL BE CLASS B, 3500 PSI, WITH 4–7% A.E. AND GRADE 60 REINFORCING BARS.
4. INSIDE OF THE DIVERTER BOX SHALL BE LINED WITH EPOXY COATING.



DIVERSION BOX 1, SECTION B–B

STA. 34+53.20, PARALLEL MAIN NTS



DIVERSION BOX 1, SECTION C–C

STA. 34+53.20, PARALLEL MAIN NTS

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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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DIVERTER BOX DETAIL

C-503

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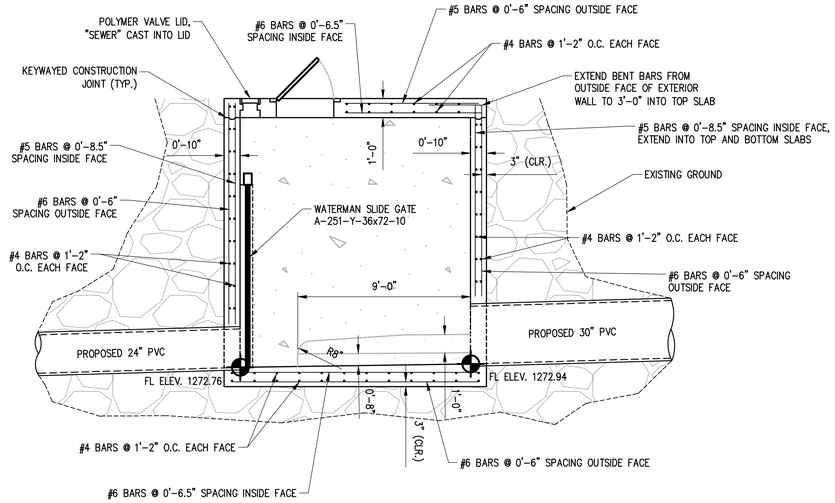
LAST PLOTTED: 2026/09/25 9:25:23 AM BY: BRIAN BURNETT PLOTTED ON HARD COPY ONLY

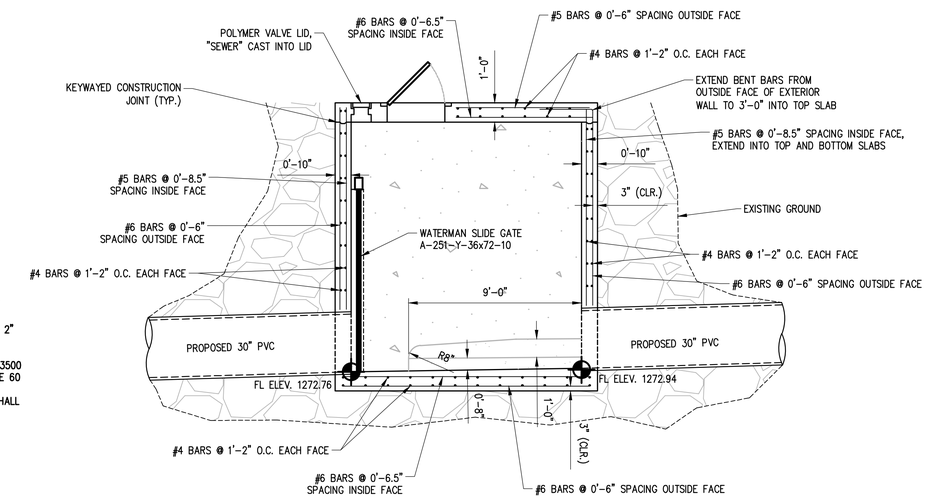


DIVERSION BOX 2, SECTION D-D

STA. 110+40.70, PARALLEL MAIN NTS
STA. 13+85.37, SANITARY RELOCATION 2 NTS

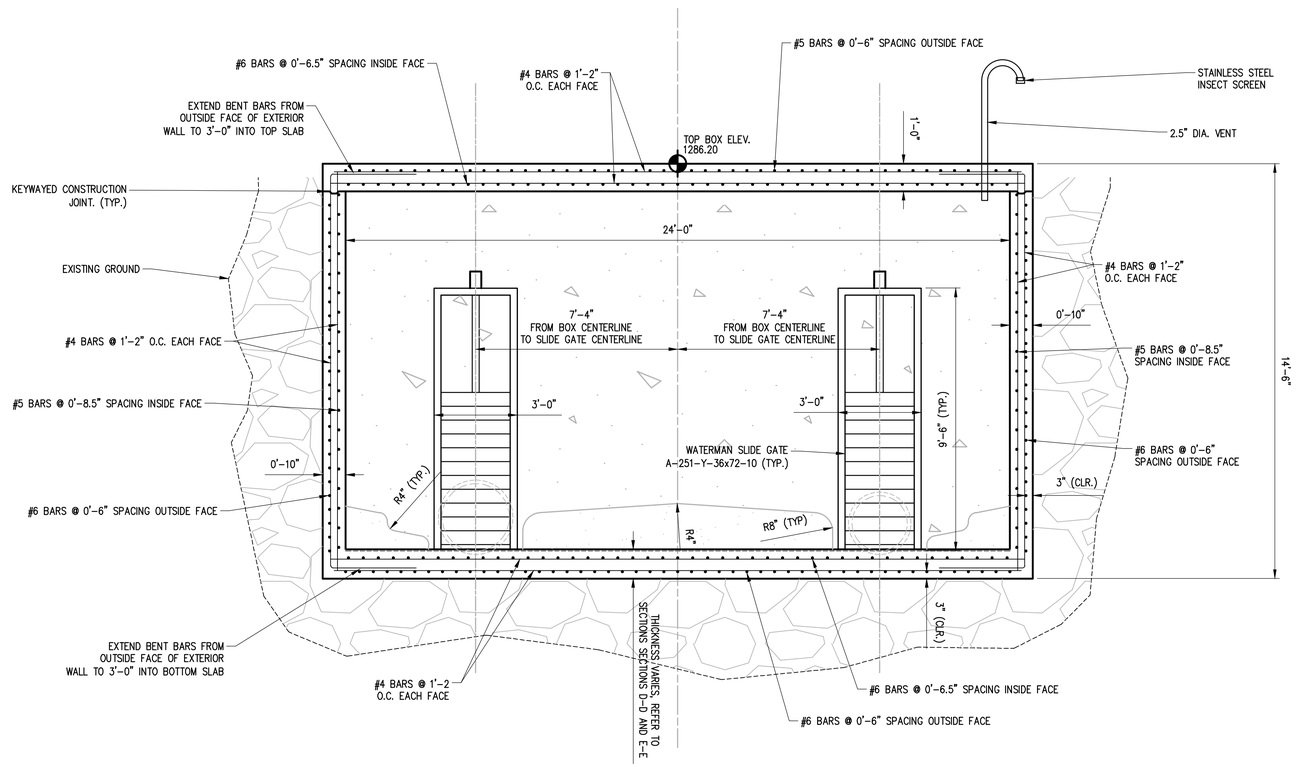
NOTES:

1. REFER TO WATERMAN A-250 SPECIFICATION GUIDE FOR SLIDE GATE INFORMATION.
2. REINFORCING BARS SHALL HAVE 2" MIN. COVER UNLESS OTHERWISE NOTED.
3. CONCRETE SHALL BE CLASS B, 3500 PSI, WITH 4-7% A.E. AND GRADE 60 REINFORCING BARS.
4. INSIDE OF THE DIVERTER BOX SHALL BE LINED WITH EPOXY COATING.



DIVERSION BOX 2, SECTION E-E

STA. 110+40.77, PARALLEL MAIN NTS
STA. 13+85.37, SANITARY RELOCATION 2 NTS



DIVERSION BOX 2, SECTION F-F

STA. 110+40.70, PARALLEL MAIN NTS
STA. 13+85.37, SANITARY RELOCATION 2 NTS

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:

CERTIFICATE OF AUTHORIZATION
CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES BLOSSOM WAY SEWER MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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DIVERTER BOX DETAIL

C-504

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\DIVERTER BOX DETAILDWG
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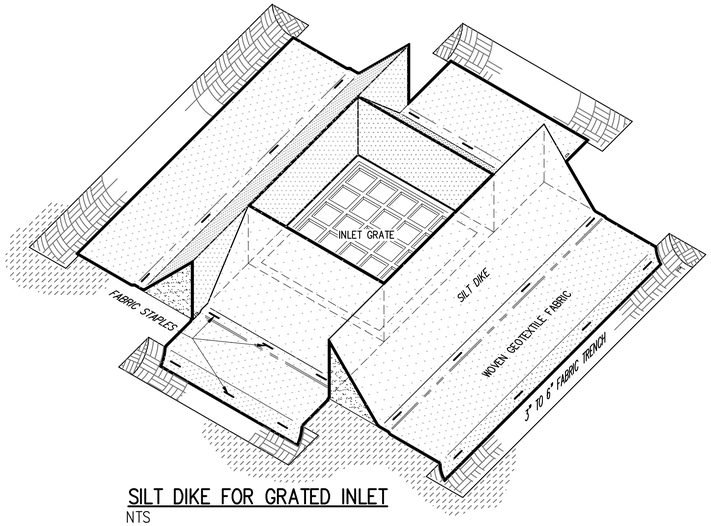
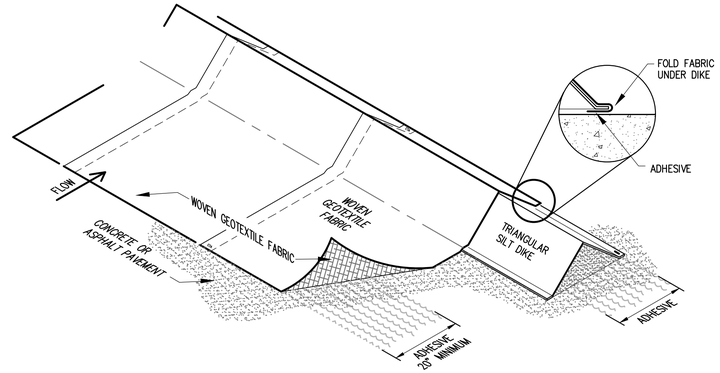
PLOTTED BY: BRIAN BURNETT PAGESIZE: ANSI D LANDSCAPE PLOTTED ON HARD COPY ONLY



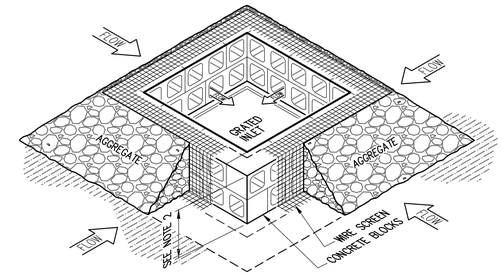
SILT DIKE FOR GRATED INLET
NTS



ADHESIVES: CONCRETE PAVEMENT – USE LIQUID NAIL OR APPROVED EQUAL.
ASPHALT PAVEMENT – USE EMULSIFIED ASPHALT.

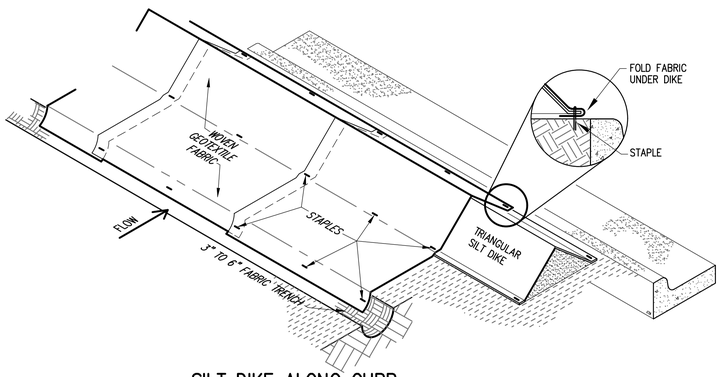
ADHESIVE SHALL BE PLACED AT FABRIC LAPS AND 20" MINIMUM ALONG EDGES.

SILT DIKE (FOR CONTINUOUS BARRIER)
NTS

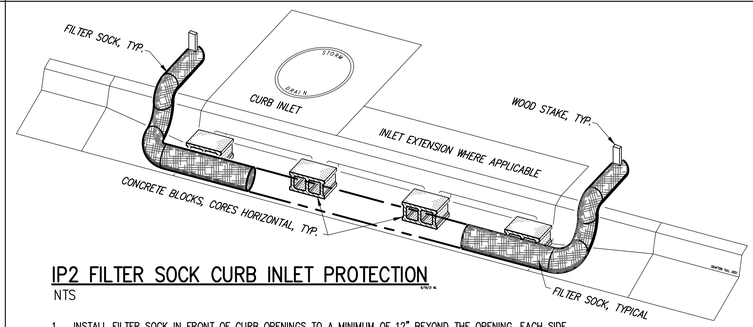


1. PLACE/STACK CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4–INCH, 8–INCH, OR 12–INCH TO ACHIEVE 12" MINIMUM AND 14" MAXIMUM HEIGHT.
3. PLACE HARDWARE CLOTH/WIRE MASH WITH 1/2" MAXIMUM OPENINGS ON VERTICAL FACE OF CONCRETE BLOCKS.
4. THE AGGREGATE SHALL BE NON–ERODIBLE MATERIAL.

IP1 BLOCK AND AGGREGATE INLET SEDIMENT DEVICE
NTS

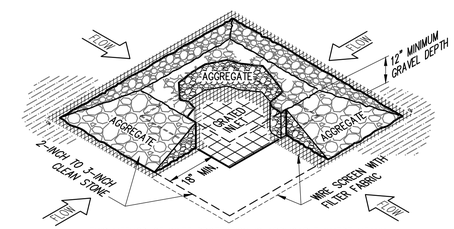


SILT DIKE ALONG CURB
NTS



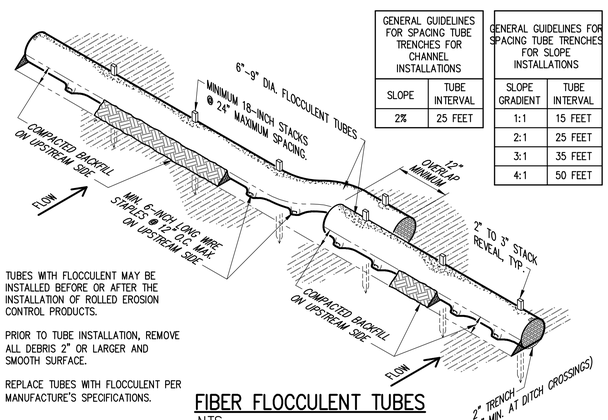
IP2 FILTER SOCK CURB INLET PROTECTION
NTS

1. INSTALL FILTER SOCK IN FRONT OF CURB OPENINGS TO A MINIMUM OF 12" BEYOND THE OPENING, EACH SIDE.
2. ANCHOR THE FILTER SOCK BEHIND THE CURB WITH WOODEN STACKS 12" MINIMUM INTO SOIL.
3. USE 8" DIAMETER FILTER SOCK FOR STANDARD CURB INLET. SLIGHTLY COMPACT TO CURB HEIGHT DURING CURB INSTALLATION.
4. MAINTAIN FREE OF DEBRIS AND SEDIMENT TO ENSURE PROPER FLOW AND FUNCTION. OVERFLOW OF FILTER IS ACCEPTABLE DURING SEVERE STORM EVENTS.
5. FILTER SOCK SHALL BE POSITIONED TO PROVIDE A PERMEABLE BARRIER TO THE DRAIN AND COLLECT SEDIMENT OUTSIDE THE SOCK.
6. CONCRETE BLOCKS SHALL BE PLACED WITH CORES HORIZONTAL AT EACH END AND EVERY FOUR FEET MAXIMUM WITHIN.



THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

IP3 GRATED INLET GRAVEL SEDIMENT FILTER
NTS



GENERAL GUIDELINES FOR SPACING TUBE TRENCHES FOR CHANNEL INSTALLATIONS	
SLOPE	TUBE INTERVAL
2%	25 FEET

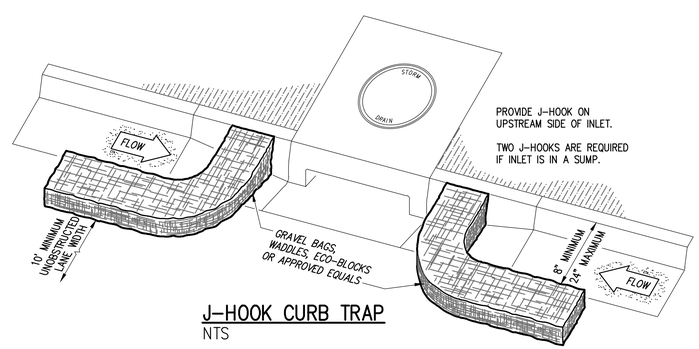
GENERAL GUIDELINES FOR SPACING TUBE TRENCHES FOR SLOPE INSTALLATIONS	
SLOPE GRADIENT	TUBE INTERVAL
1:1	15 FEET
2:1	25 FEET
3:1	35 FEET
4:1	50 FEET

TUBES WITH FLOCCULENT MAY BE INSTALLED BEFORE OR AFTER THE INSTALLATION OF ROLLED EROSION CONTROL PRODUCTS.

PRIOR TO TUBE INSTALLATION, REMOVE ALL DEBRIS 2" OR LARGER AND SMOOTH SURFACE.

REPLACE TUBES WITH FLOCCULENT PER MANUFACTURE'S SPECIFICATIONS.

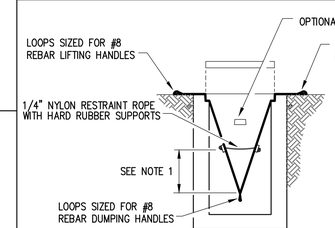
FIBER FLOCCULENT TUBES
NTS



PROVIDE J–HOOK ON UPSTREAM SIDE OF INLET.

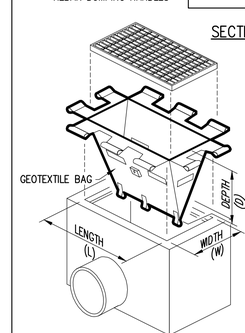
TWO J–HOOKS ARE REQUIRED IF INLET IS IN A SUMP.

J–HOOK CURB TRAP
NTS



SECTION

1. EMPTY FILTER SACK WHEN BRIGHTLY COLORED EXPANSION RESTRAINT IS COVERED BY SILT.
2. GEOTEXTILE WILL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. AN OIL ADSORBENT PAD OR PILLOW CAN BE PURCHASED WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.
5. THE WIDTH, "W", OF THE FILTER SACK WILL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK WILL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L", OF THE FILTER SACK WILL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.
8. DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE A TRAFFIC HAZARD.



LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	20 %
PUNCTURE	ASTM D–4833	120 LBS
MULLEN BURST	ASTM D–3786	800 PSI
TRAPEZOID TEAR	ASTM D–4533	120 LBS
UV RESISTANCE	ASTM D–4355	80 %
APPARENT OPENING SIZE	ASTM D–4751	40 US SIEVE
FLOW RATE	ASTM D–4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	0.55 SEC –1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	20 %
PUNCTURE	ASTM D–4833	135 LBS
MULLEN BURST	ASTM D–3786	420 PSI
TRAPEZOID TEAR	ASTM D–4533	45 LBS
UV RESISTANCE	ASTM D–4355	90 %
APPARENT OPENING SIZE	ASTM D–4751	20 US SIEVE
FLOW RATE	ASTM D–4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	1.5 SEC –1

GRATED INLET FILTER SACKS
NTS

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

CERTIFICATE OF AUTHORIZATION:
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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION
ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100.300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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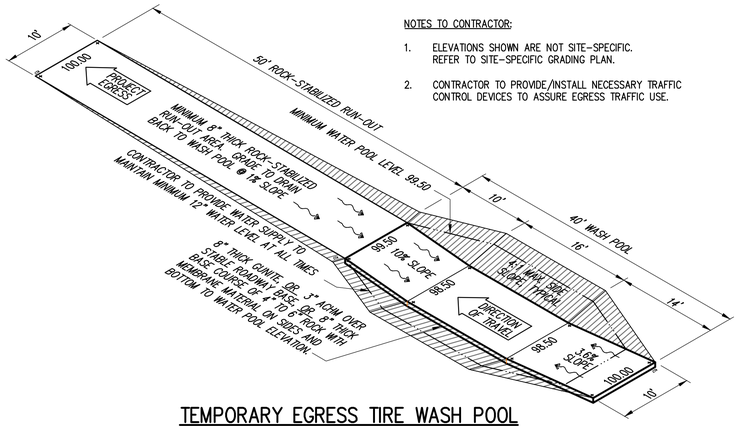
EROSION CONTROL DETAILS

C–505

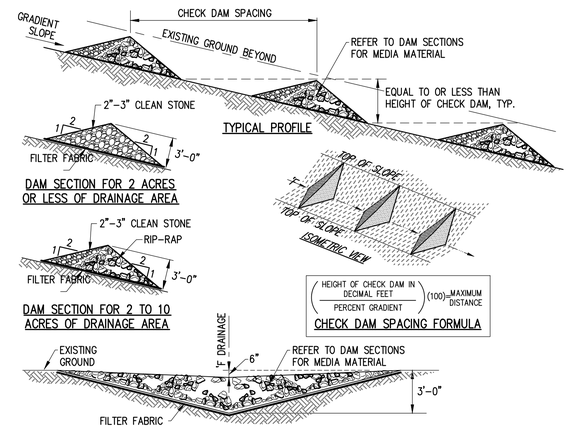
DRAWING: G:\23100.300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\EROSION DETAILS.DWG
LAYOUT: EROSION CONTROL DETAILS DATE: 9/25/2026, 11:49:14 AM BY: BRADEN.THOMPSON
XREFS: XREF: 23100.300_BASE, XREF: 23100.300_TOPO, XREF: 23100.300_TOPO (ONLY)

NOTES TO CONTRACTOR:

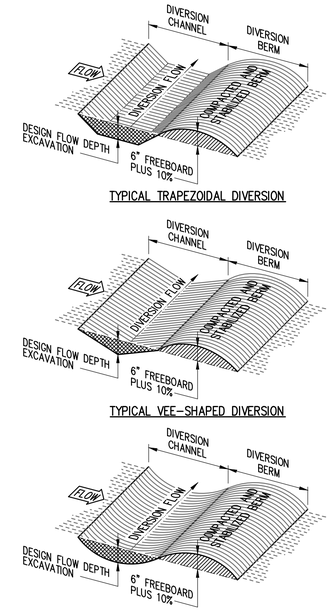
1. ELEVATIONS SHOWN ARE NOT SITE-SPECIFIC. REFER TO SITE-SPECIFIC GRADING PLAN.
2. CONTRACTOR TO PROVIDE/INSTALL NECESSARY TRAFFIC CONTROL DEVICES TO ASSURE EGRESS TRAFFIC USE.



TEMPORARY EGRESS TIRE WASH POOL
NTS

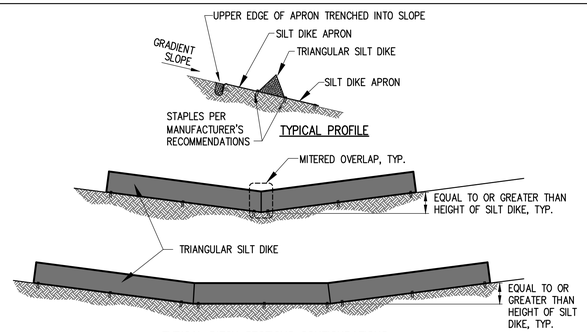


ROCK CHECK DAM
NTS

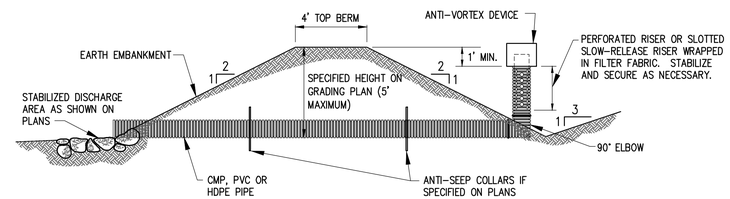


NOTES:
1. REMOVE ANY VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM.
2. BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED.

CHANNELED DIVERSIONS
NTS

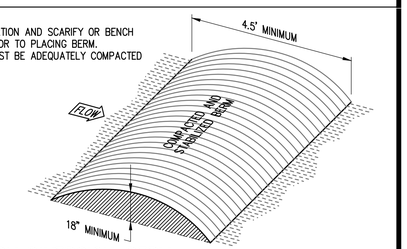


SILT DIKE CHECK DAM
NTS

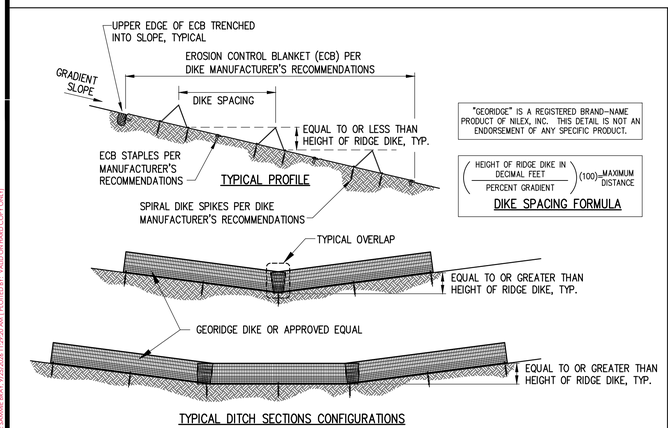


SEDIMENT BASIN WITH PIPE OUTLET
NTS

NOTES:
1. REMOVE ANY VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM.
2. BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED.



TEMPORARY DIVERSION BERM
NTS

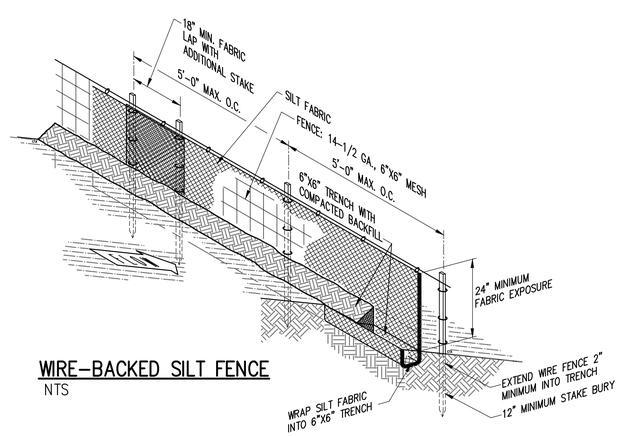


"GEORIDGE" IS A REGISTERED BRAND-NAME PRODUCT OF NILEX, INC. THIS DETAIL IS NOT AN ENDORSEMENT OF ANY SPECIFIC PRODUCT.

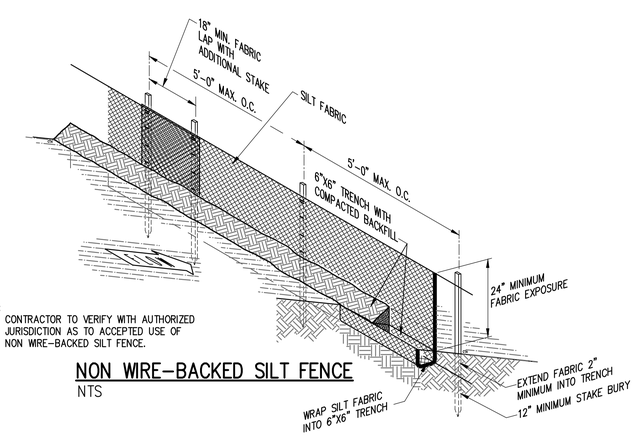
(HEIGHT OF RIDGE DIKE IN DECIMAL FEET / PERCENT GRADIENT)(100)=MAXIMUM DISTANCE

DIKE SPACING FORMULA

PERMEABLE HDPE DITCH CHECK
NTS



WIRE-BACKED SILT FENCE
NTS



NOTE:
1. CONTRACTOR TO VERIFY WITH AUTHORIZED JURISDICTION AS TO ACCEPTED USE OF NON WIRE-BACKED SILT FENCE.

NON WIRE-BACKED SILT FENCE
NTS

901 N. 47th St., Suite 400
Rogers, Arkansas 72756
Crafton Tull
architecture | engineering | surveying
479.636.4838 t 479.631.6224 f

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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EROSION CONTROL DETAILS

C-506

DRAWING: C:\23100300_BLOSSOM WAY\PRINTSFILE\CIVIL\DWG\EROSION DETAILS.DWG
LAYOUT: EROSION CONTROL DETAILS PLOT: 1:1, LAST SAVED: 9/25/2026 1:24:18 PM
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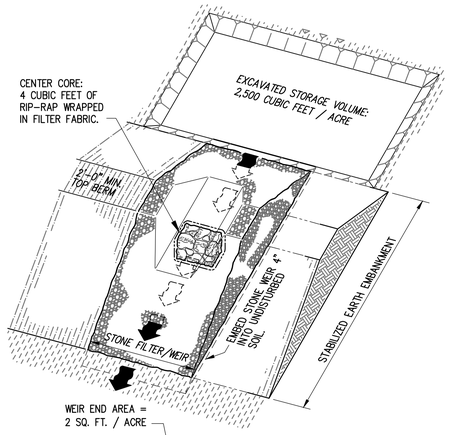
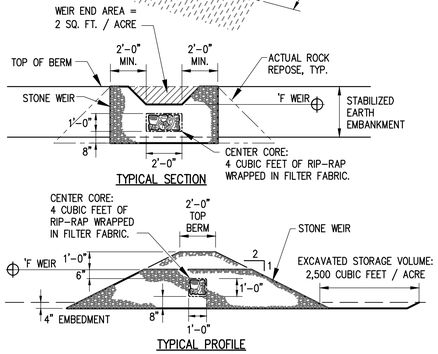
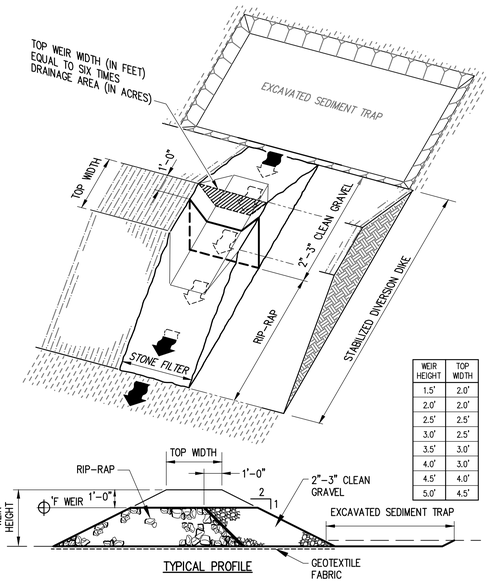




SEDIMENT BASIN WITH STONE OUTLET

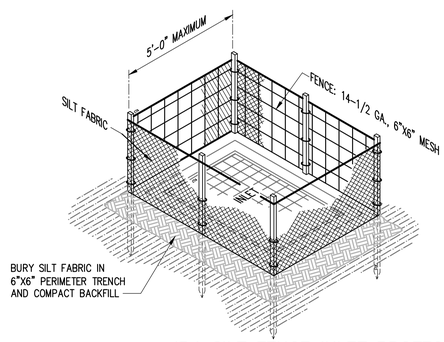
FOR DRAINAGE AREAS GREATER THAN TEN ACRES



WEIR HEIGHT	TOP WIDTH
1.5'	2.0'
2.0'	2.0'
2.5'	2.5'
3.0'	2.5'
3.5'	3.0'
4.0'	3.0'
4.5'	4.0'
5.0'	4.5'

SEDIMENT BASIN WITH STONE OUTLET

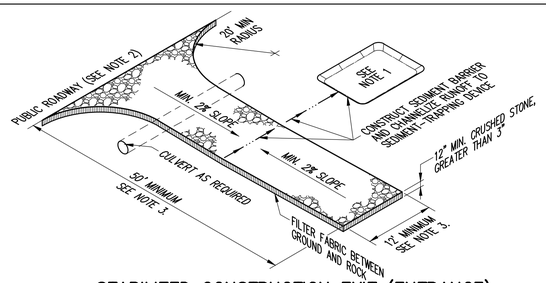
FOR DRAINAGE AREAS LESS THAN TEN ACRES



SILT FABRIC SHALL BE SECURITY FASTENED TO WIRE FENCING.

IP4 SILT FENCE INLET PROTECTION

NTS



1. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE.

2. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

3. LENGTH AND WIDTH TO SUIT SITE, CONSTRUCTION TRAFFIC AND EFFECTIVENESS.

STABILIZED CONSTRUCTION EXIT (ENTRANCE)

NTS

PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
2. PREPARE TEMPORARY PARKING AND STORAGE AREAS. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
3. CONSTRUCT THE SILT FENCES ON THE SITE.
4. CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
5. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
6. CLEAR AND GRUB THE SITE.
7. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
8. BEGIN GRADING THE SITE.

PHASE II

1. TEMPORARILY SEED DENUDED AREAS.
2. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
3. INSTALL RIP-RAP AROUND OUT STRUCTURES.
4. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
5. PREPARE SITE FOR PAVING.
6. PAVE SITE.
7. INSTALL INLET PROTECTION DEVICES.
8. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IF SITE IS STABILIZED.

GENERAL EROSION NOTES:

A. THE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF THIS DRAWING (SITE MAP), THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE SPECIFICATIONS SECTION 312800 (EROSION AND SEDIMENTATION CONTROL), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE STATE OF ARKANSAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

D. BEST MANAGEMENT PRACTICES (BMP) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AND APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.

E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

G. GENERAL CONTRACTOR SHALL DENOTE THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, AND AREA FOR PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES.

H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

I. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

J. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

K. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.

L. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN AND SWPPP SHALL BE INITIATED AS SOON AS POSSIBLE.

M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARY SEEDED.

N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.

O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

P. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

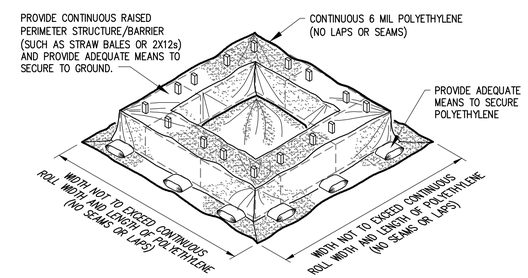
Q. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

R. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH THE GENERAL PERMIT.

S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.

U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.



CONCRETE WASH-OUT BASIN

NTS

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ROUGH GRADE / SEDIMENT CONTROL																		
TEMPORARY CONTROL MEASURES																		
STRIP & STOCKPILE TOPSOIL																		
STORM FACILITIES																		
TEMPORARY CONSTRUCTION ROADS																		
FOUNDATION / BUILDING CONSTRUCTION																		
SITE CONSTRUCTION																		
PERMANENT CONTROL STRUCTURES																		
FINISH GRADING																		
LANDSCAPING/SEED/FINAL STABILIZATION																		

ACREAGE SUMMARY	
IMPERVIOUS AREA	ENTER ACREAGE
SEEDED AREA	ENTER ACREAGE
TOTAL DISTURBED	ENTER ACREAGE

DEVELOPER/OWNER:
ENTER DEVELOPER INFORMATION

SITE OPERATOR/GENERAL CONTRACTOR:

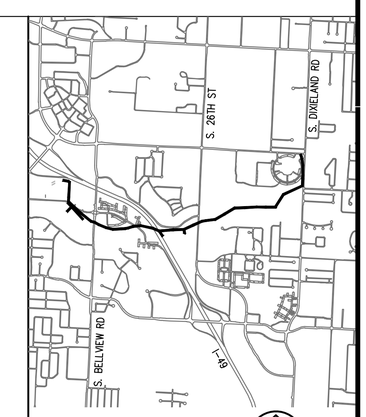
SUPERINTENDENT:

T.B.M.

ENTER BENCHMARK INFORMATION

USGS QUADRANGLE MAP

NTS



VICINITY MAP

NTS

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No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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EROSION CONTROL DETAILS

C-507

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\EROSION DETAILS.DWG
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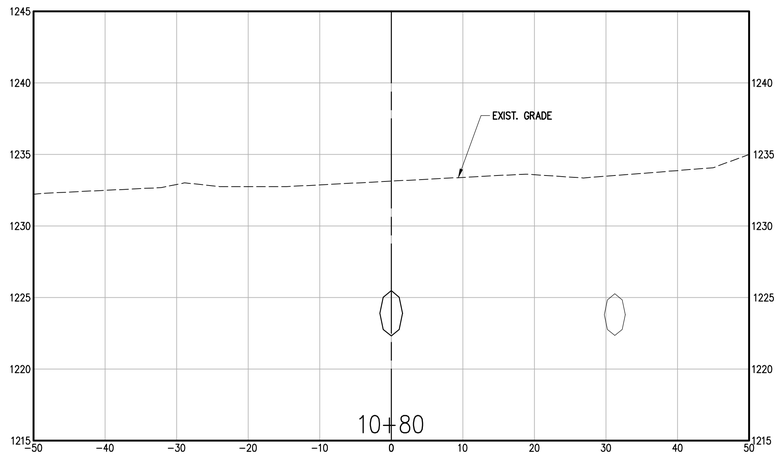

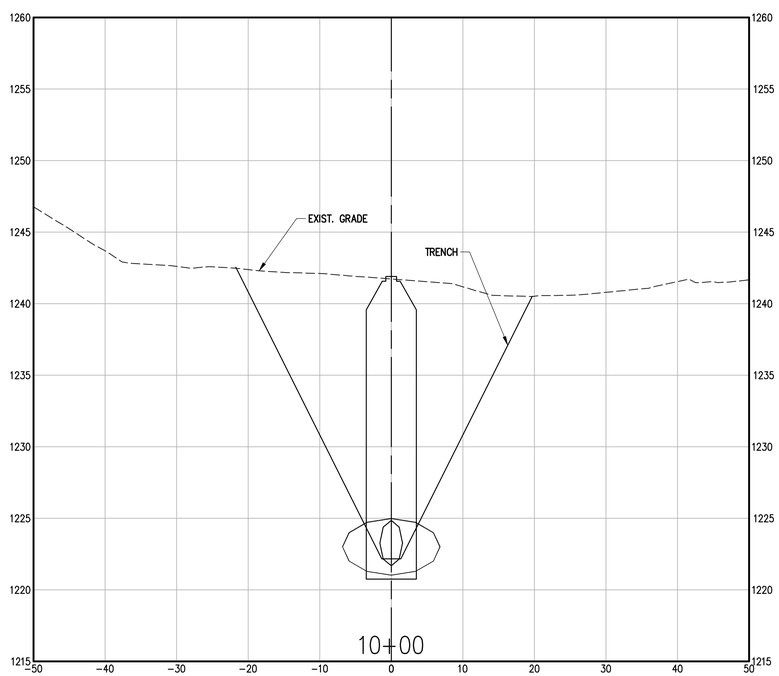

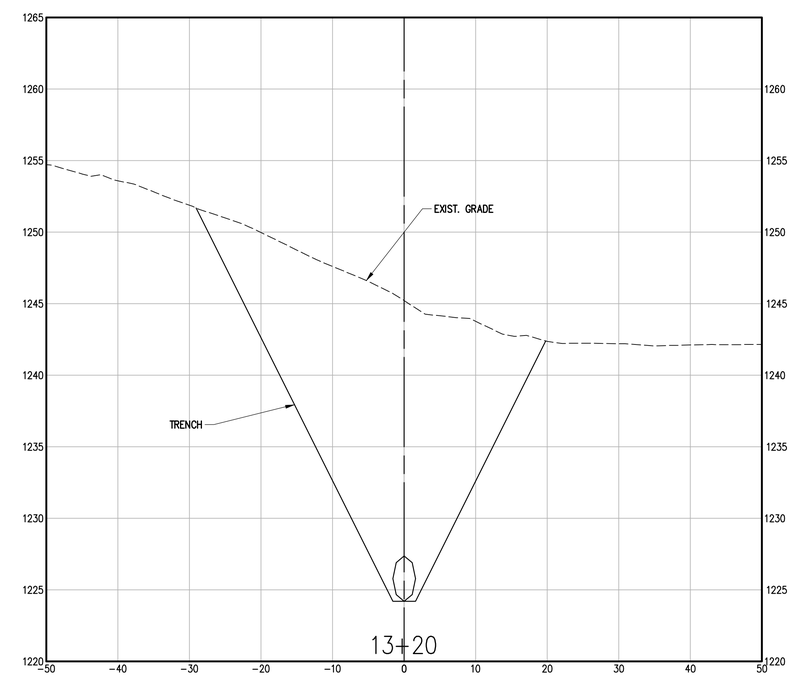

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PARALLEL MAIN CROSS SECTIONS

C-801

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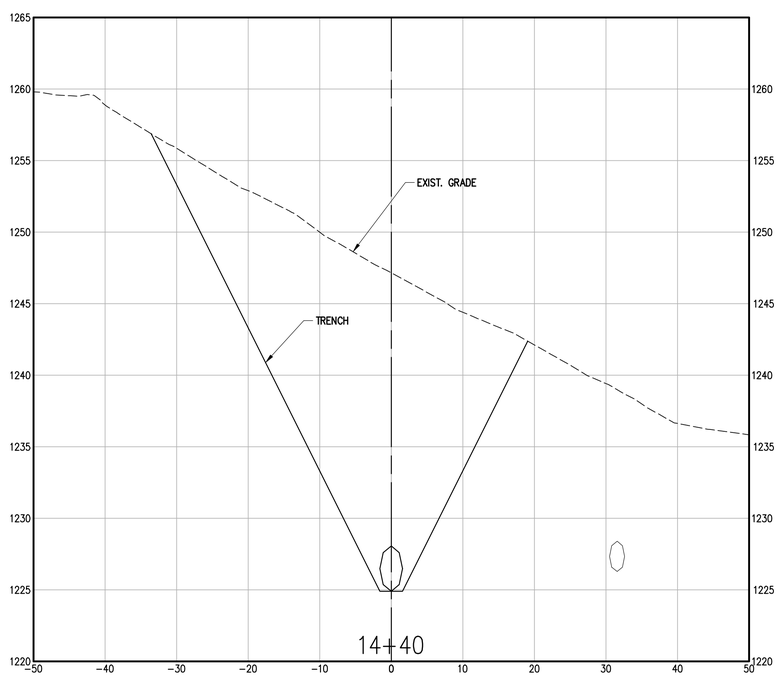

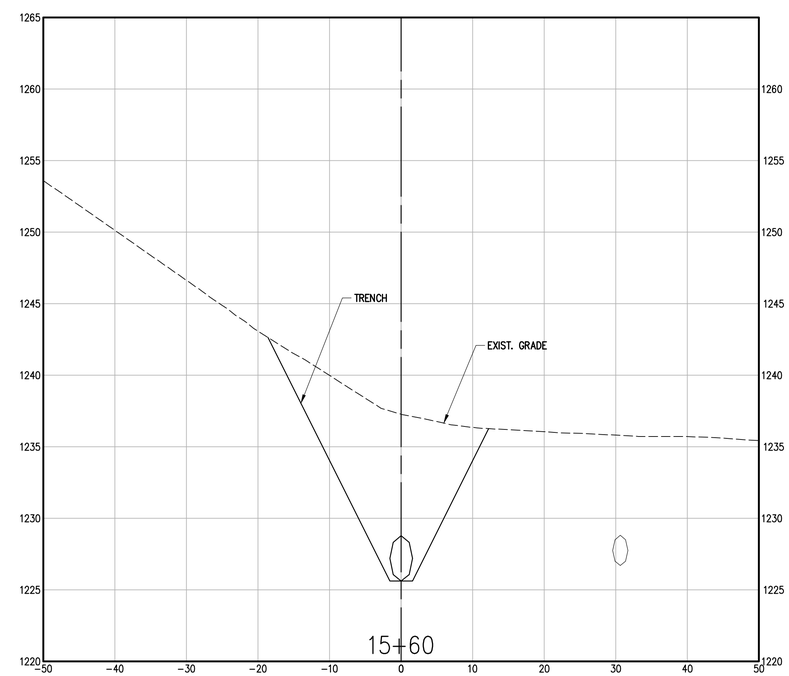

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PARALLEL MAIN CROSS SECTIONS

C-802

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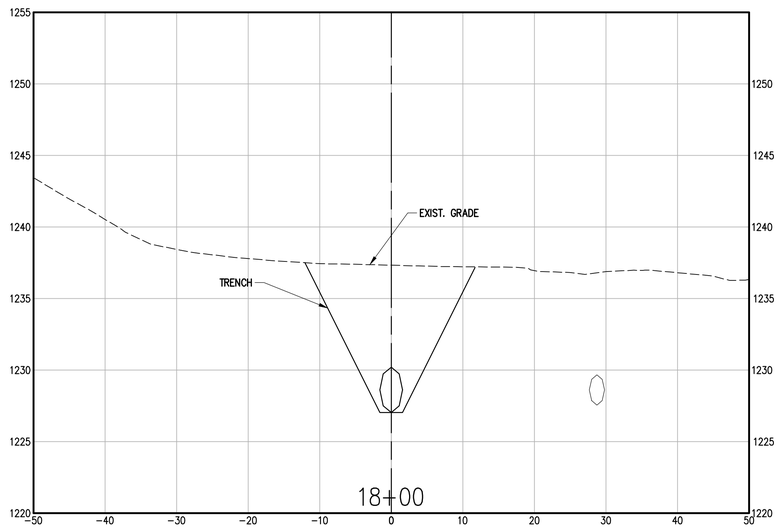

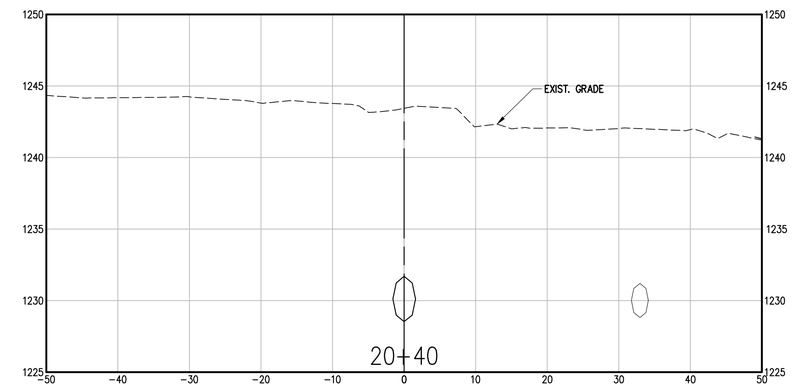

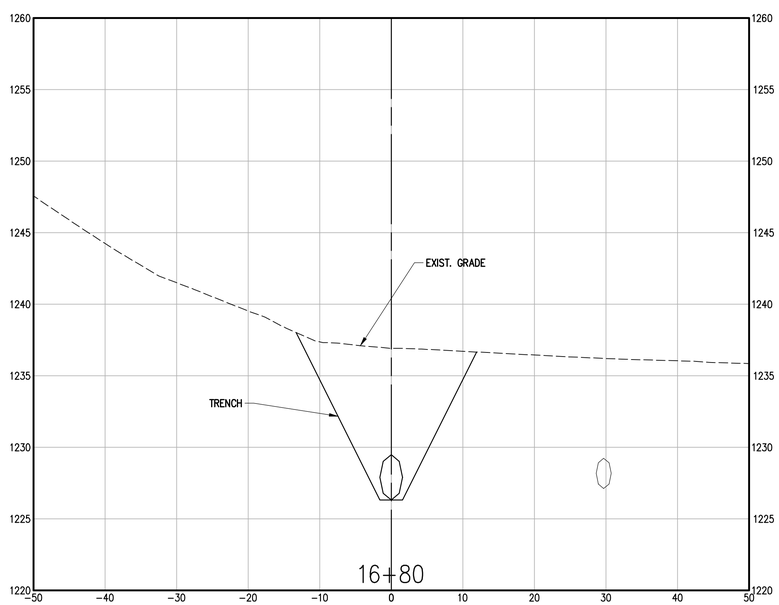

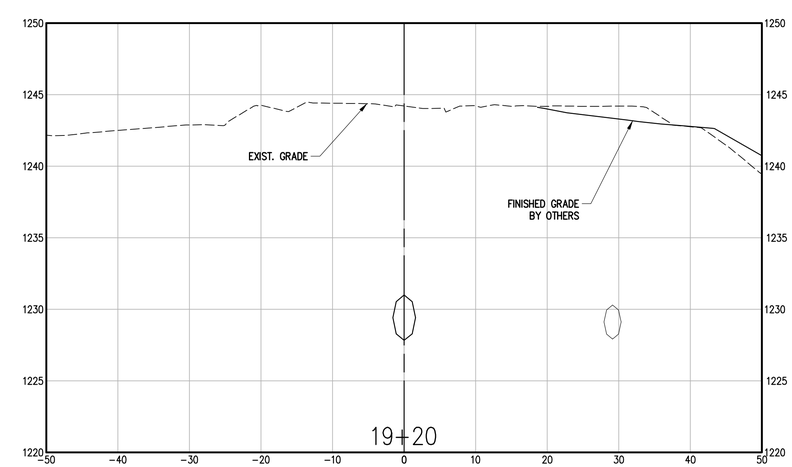

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PARALLEL MAIN CROSS SECTIONS

C-803

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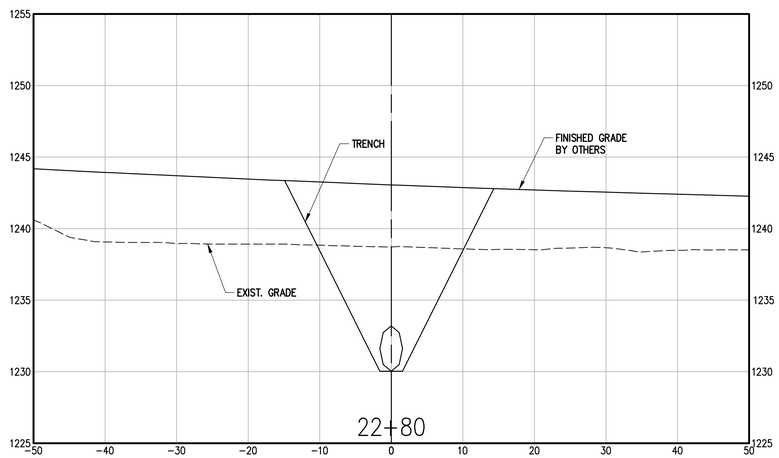

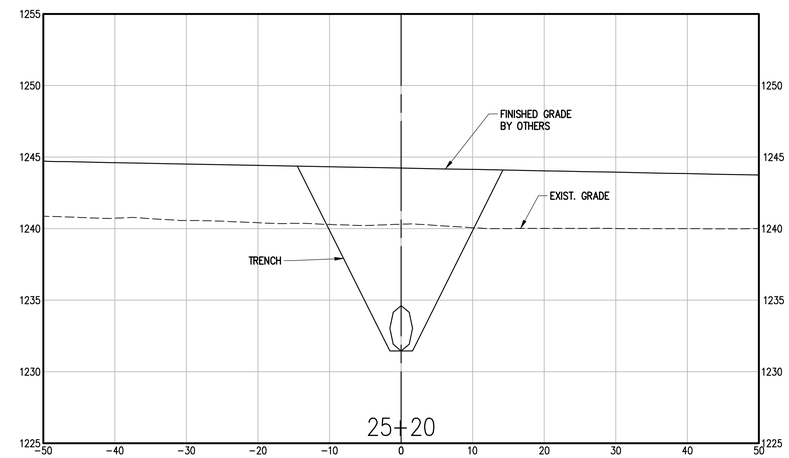

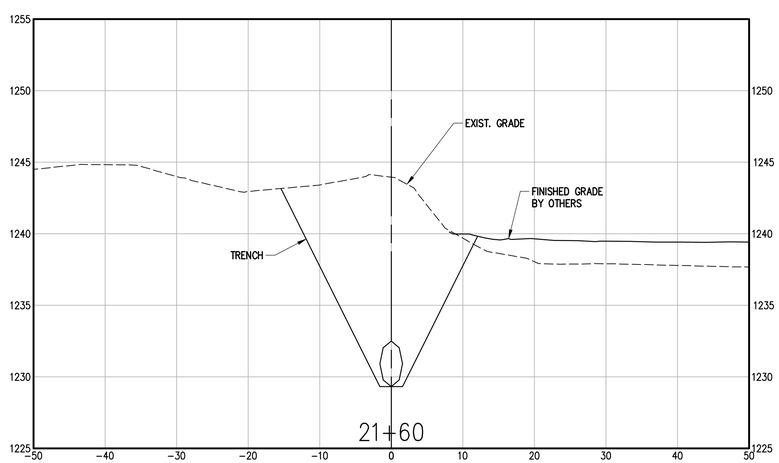

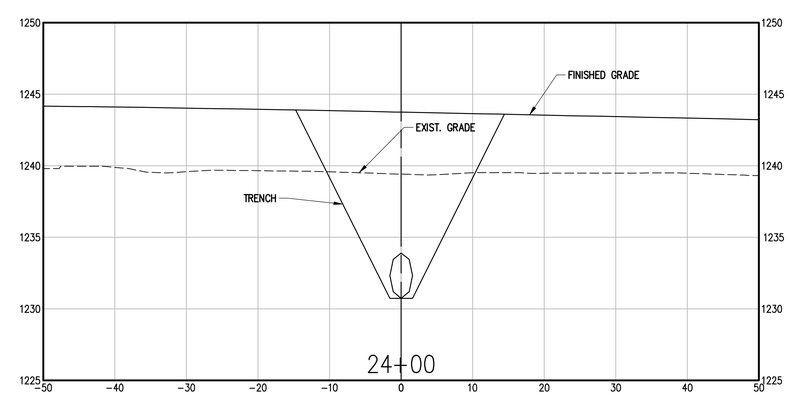

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PARALLEL MAIN CROSS SECTIONS

C-804

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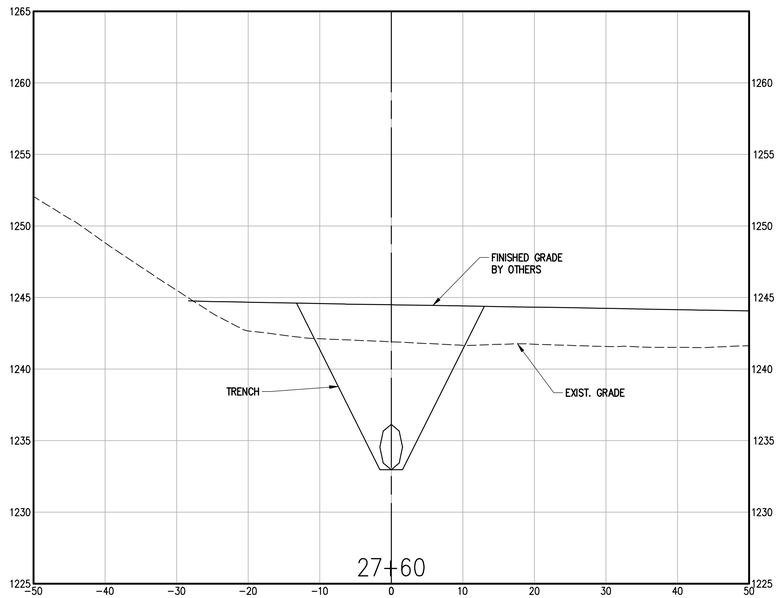

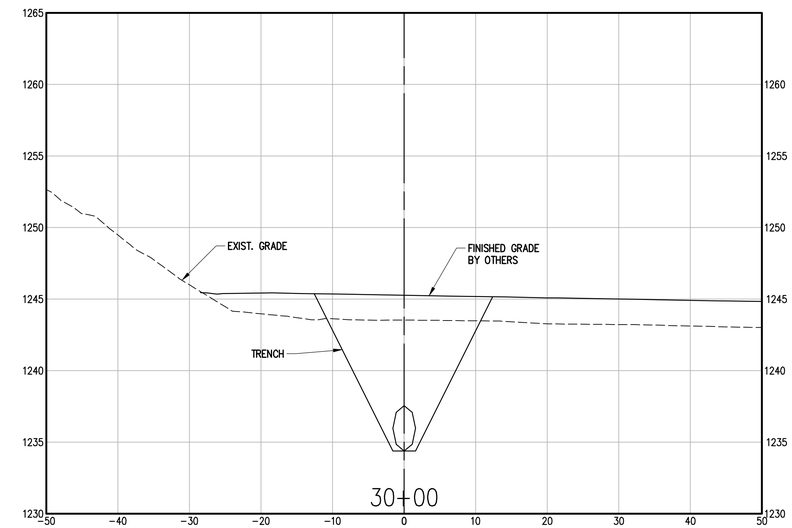

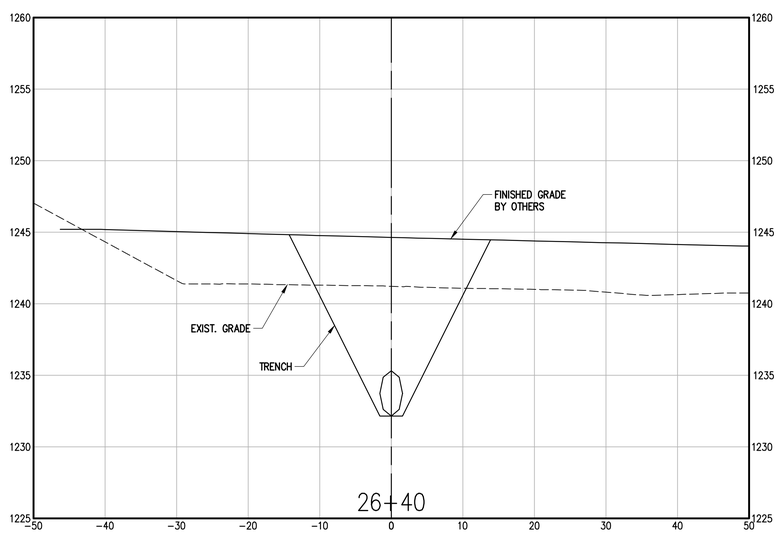

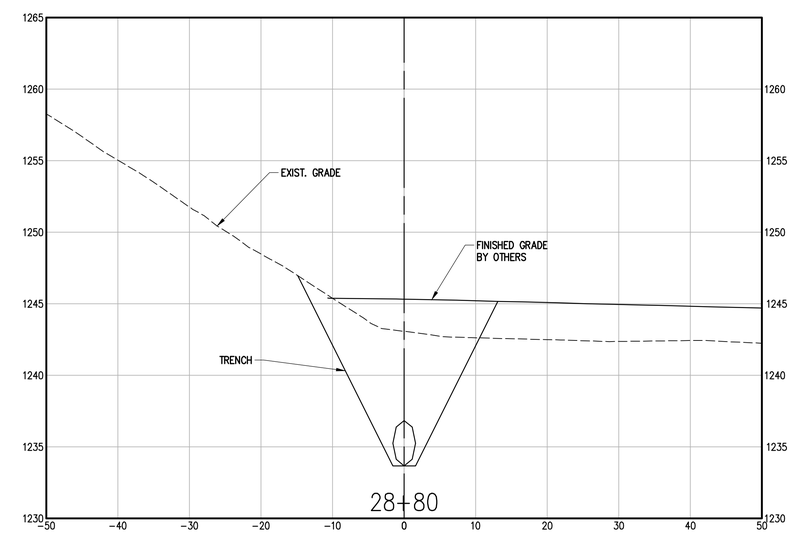

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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

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QC Date: 2/06/2024

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PARALLEL MAIN CROSS SECTIONS

C-805

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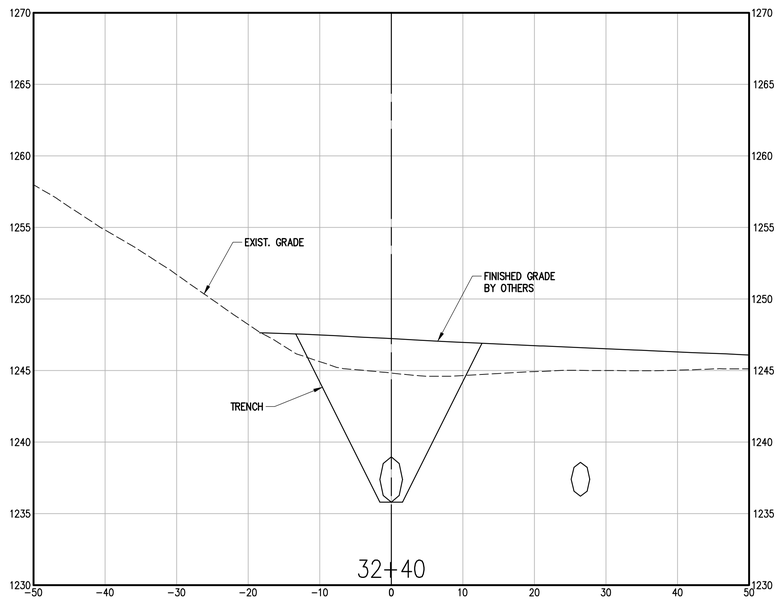

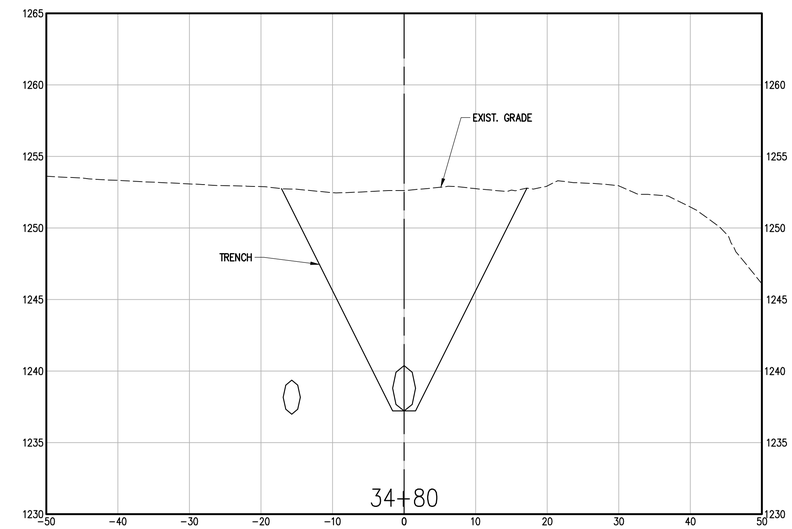

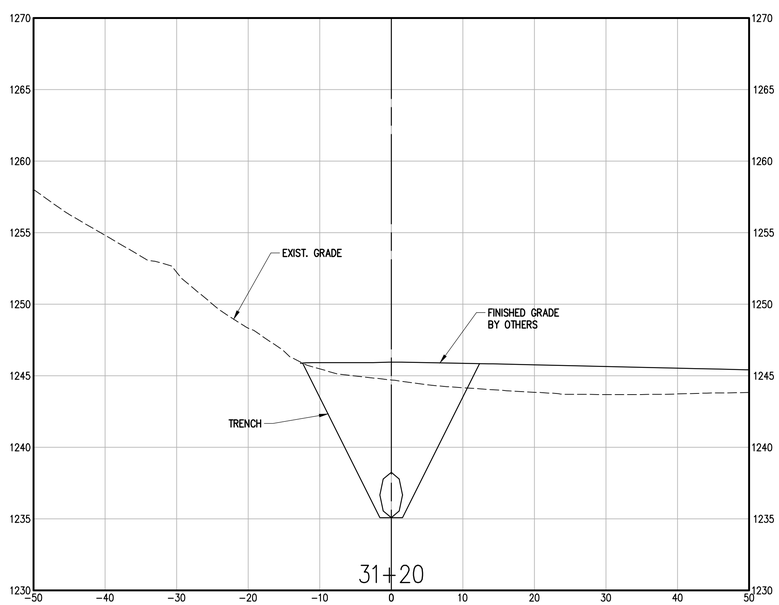

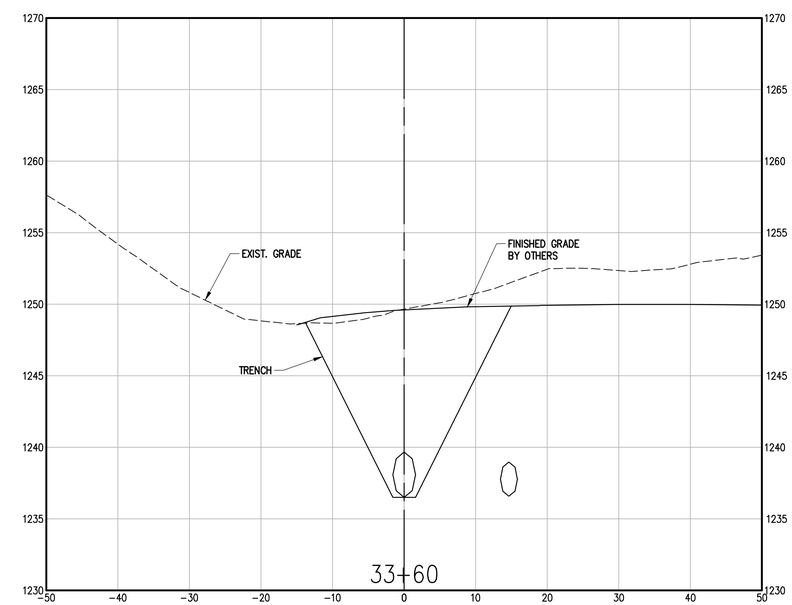

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QC Date: 2/06/2024

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9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-806

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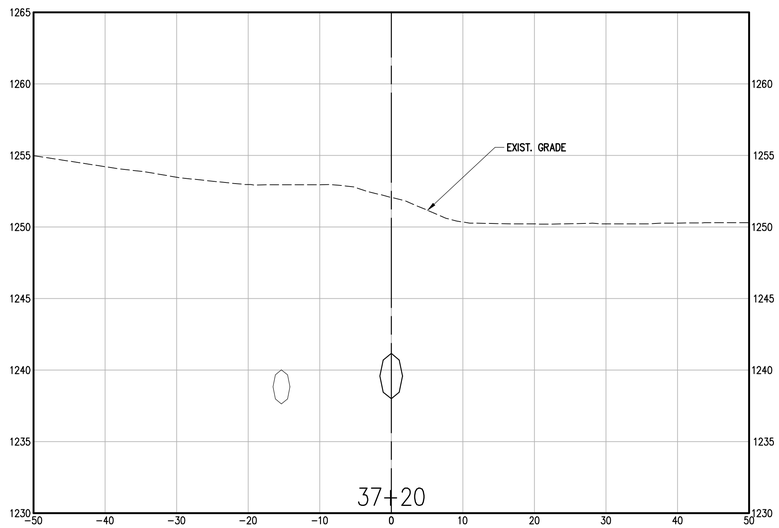

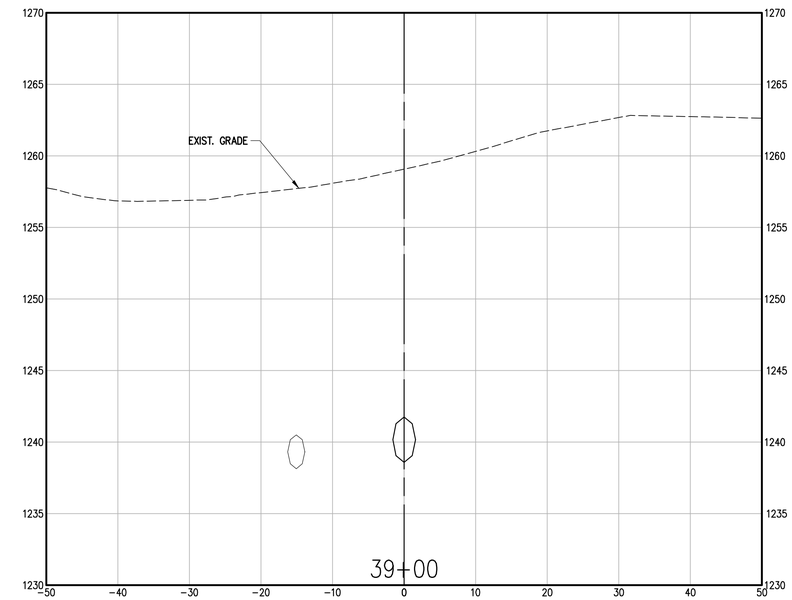

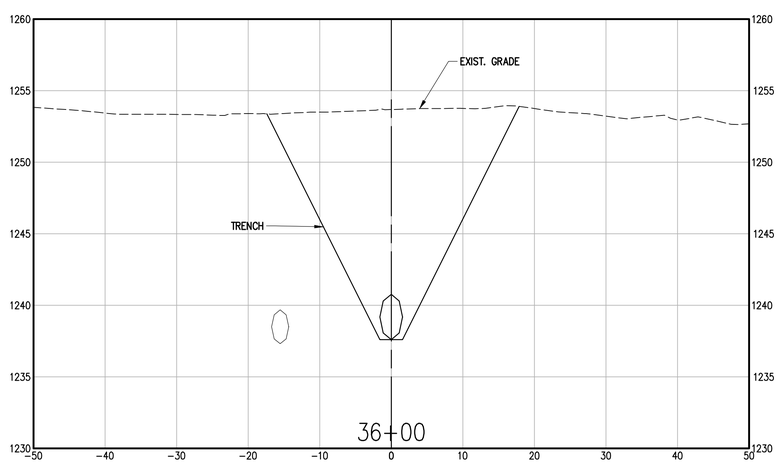

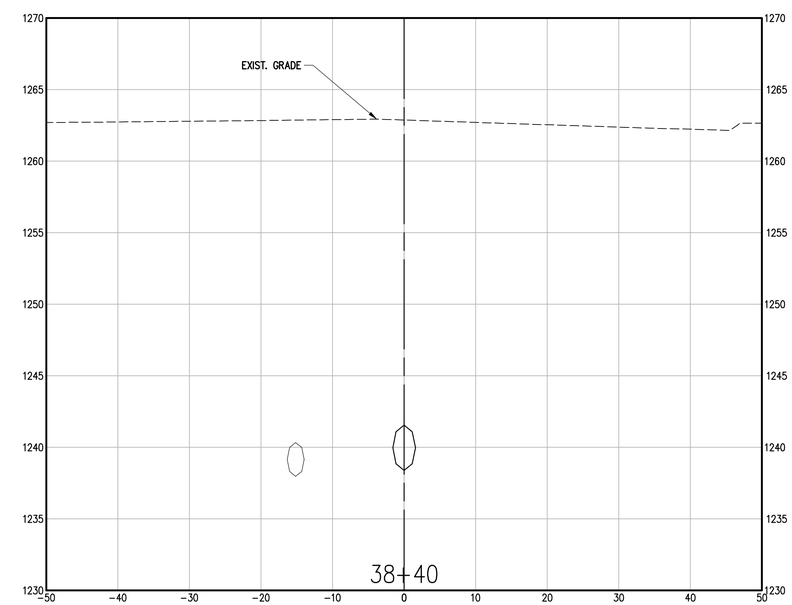

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No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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PARALLEL MAIN CROSS SECTIONS

C-807

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
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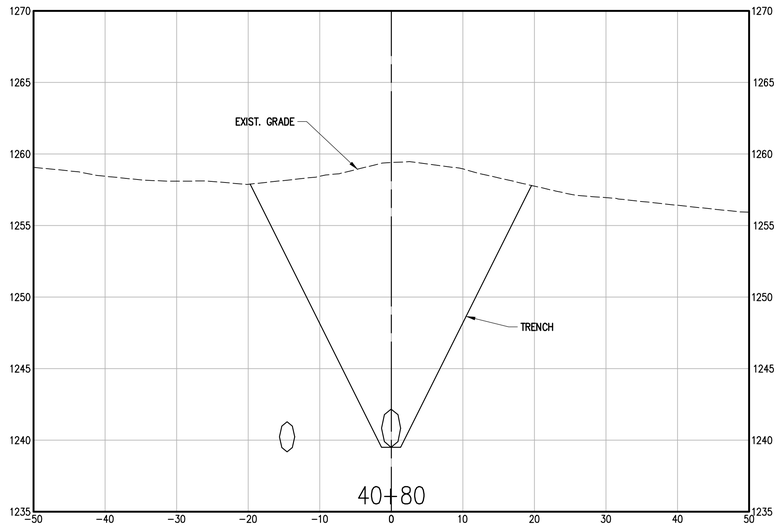

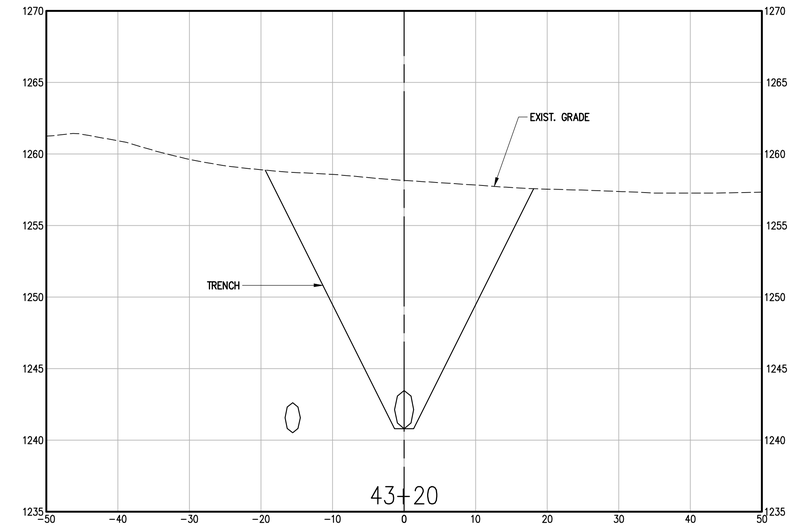

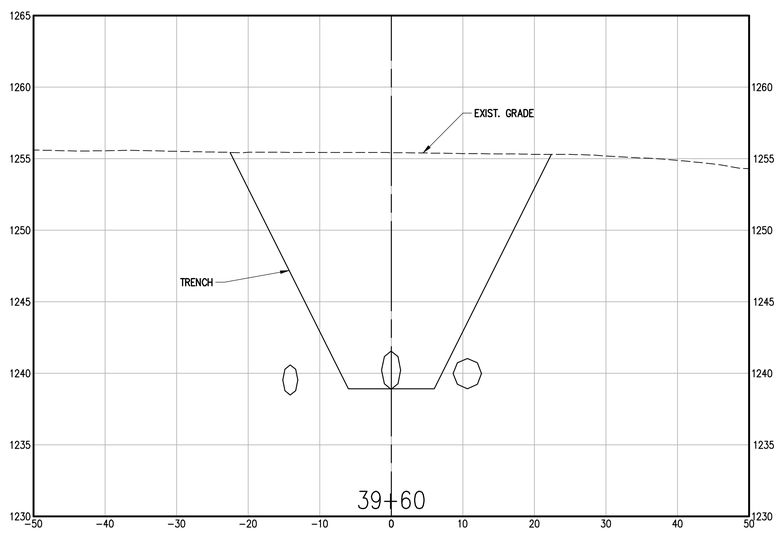

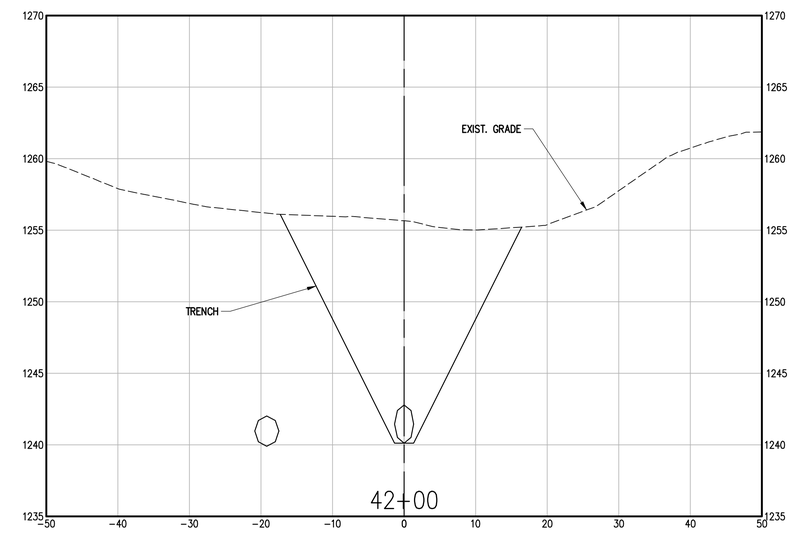

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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PARALLEL MAIN CROSS SECTIONS

C-808

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
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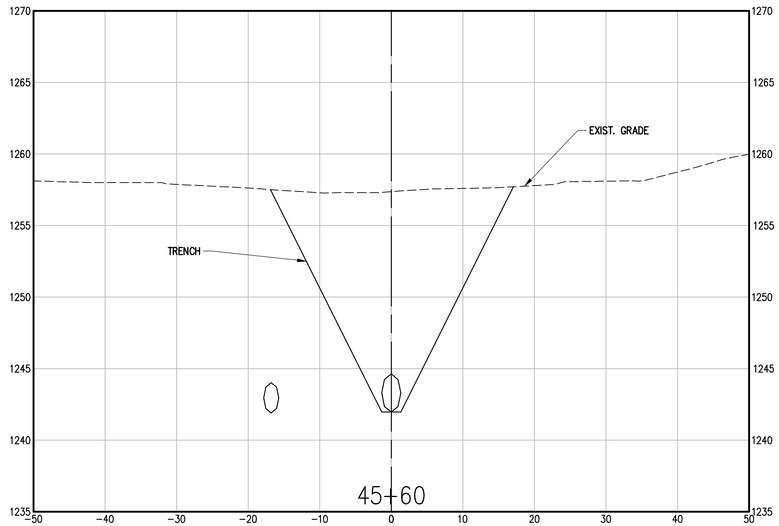

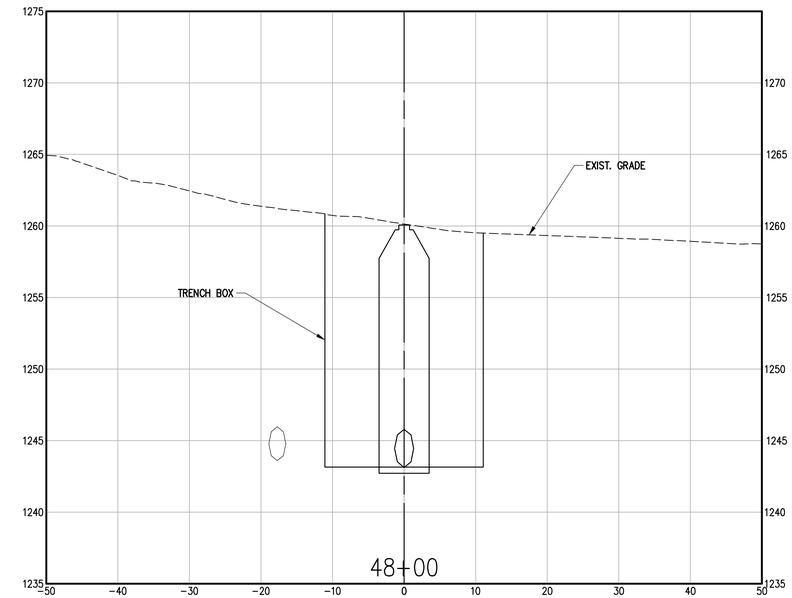

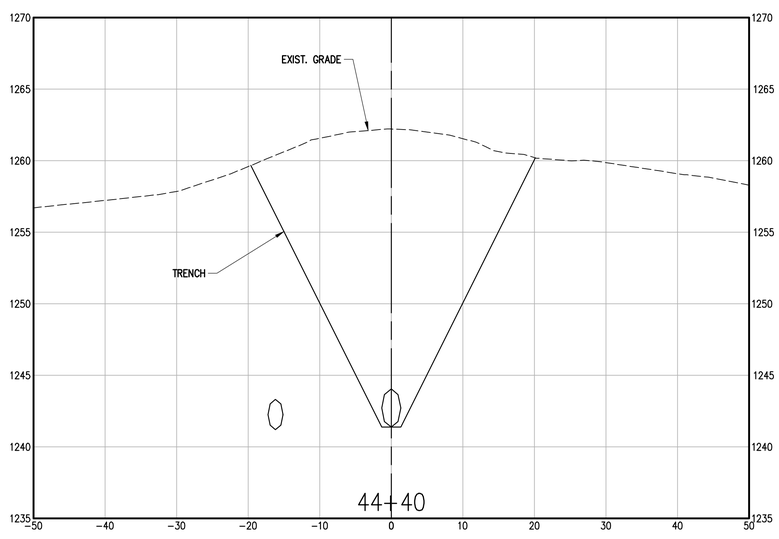

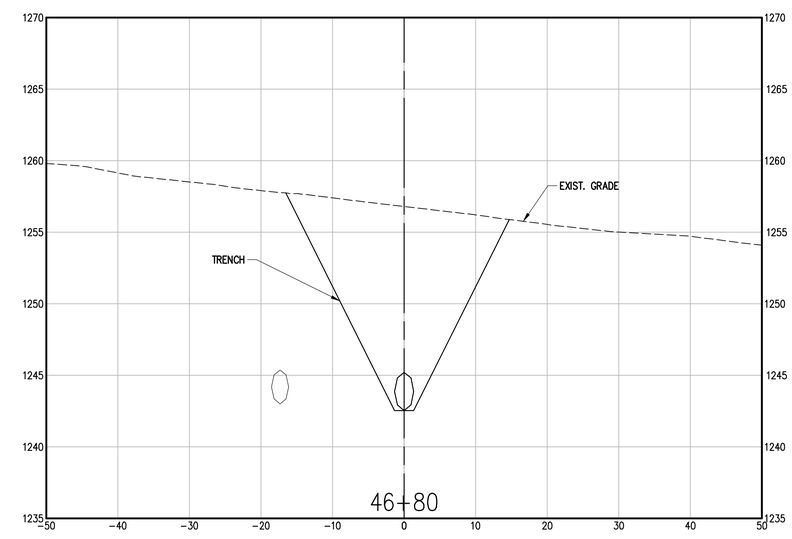

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QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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WILLIAM C. BURNETT

William C. Burnett
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PARALLEL MAIN CROSS SECTIONS

C-809

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-809 LAST SAVED: 9/25/2026 11:32:42 AM
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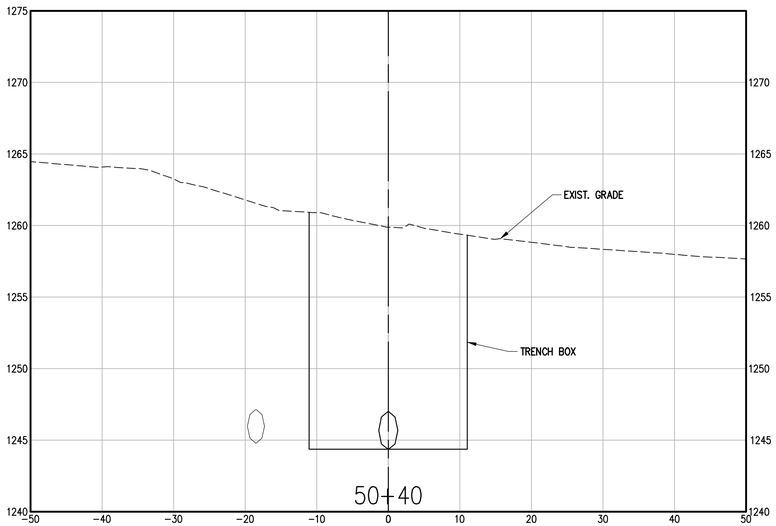

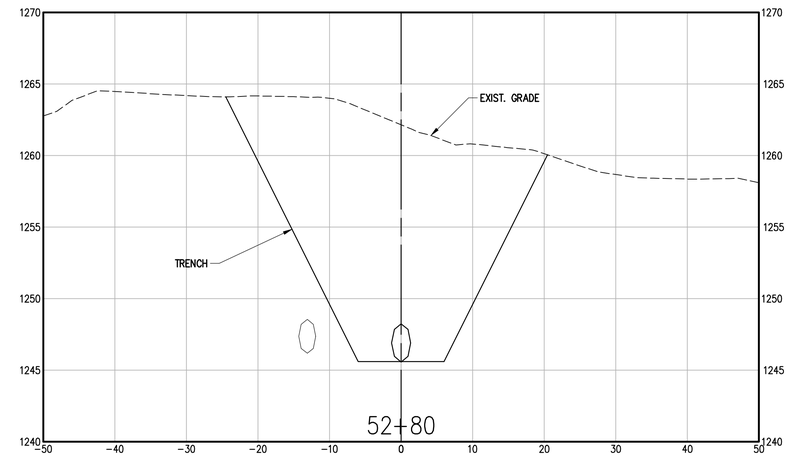

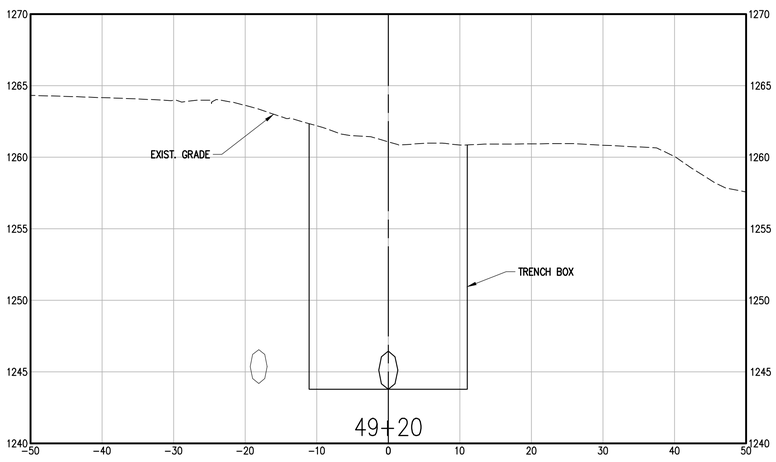

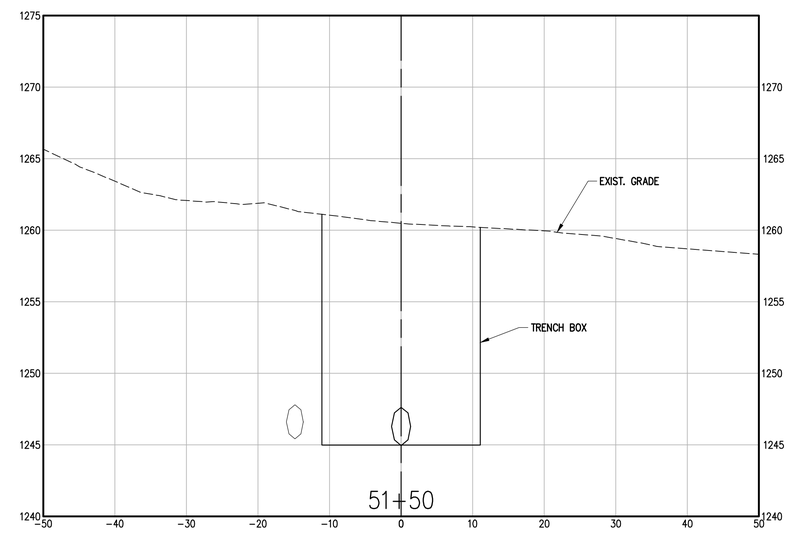

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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WILLIAM C. BURNETT

William C. Burnett
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PARALLEL MAIN CROSS SECTIONS

C-810

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-810 LAST SAVED: 9/25/2026 11:25:24 AM
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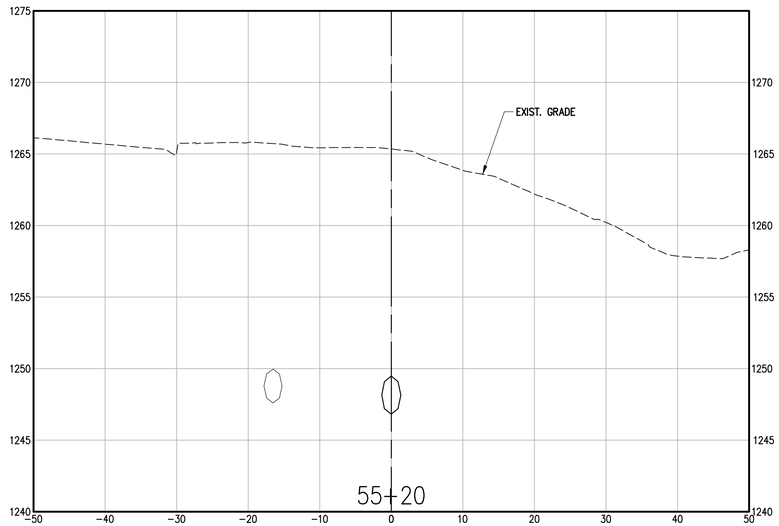

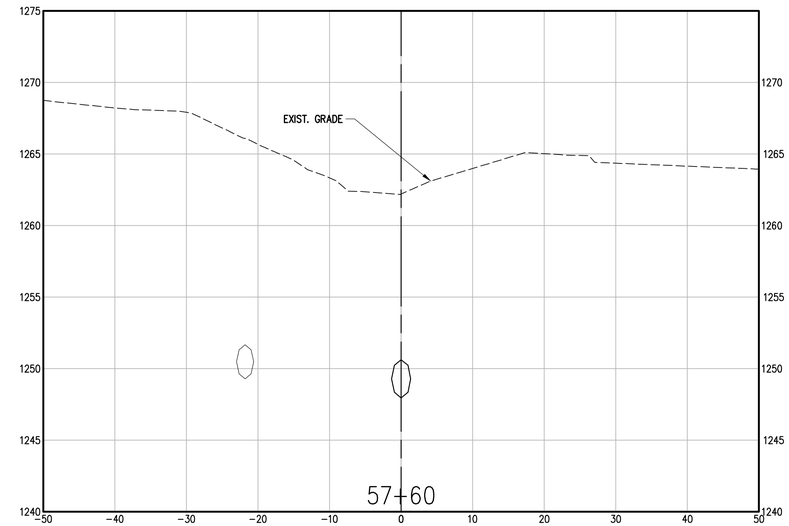

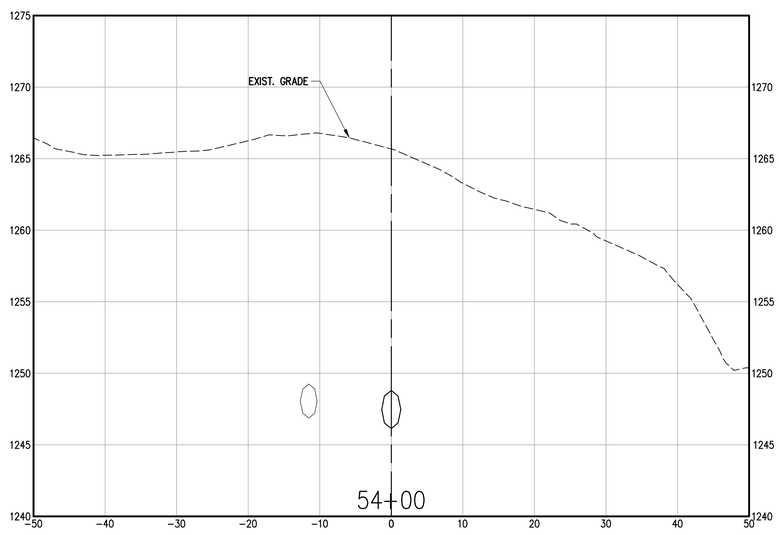

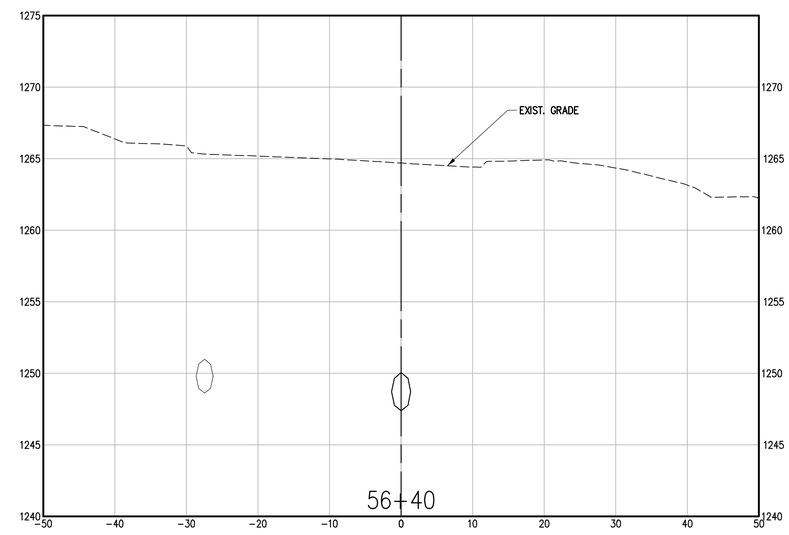

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ISSUE DATE: 09/25/2026
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QC by: M. LOVE
QC Date: 2/06/2024

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PARALLEL MAIN CROSS SECTIONS

C-811

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LAYOUT: C-811 LAST SAVED: 9/25/2026 11:25:41 AM
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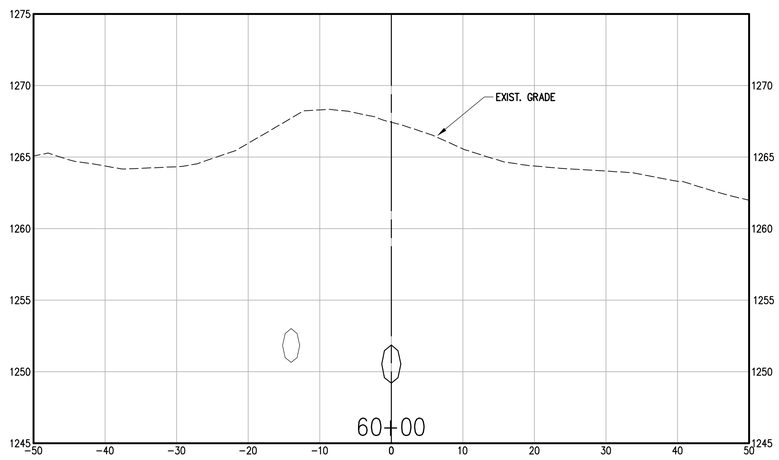

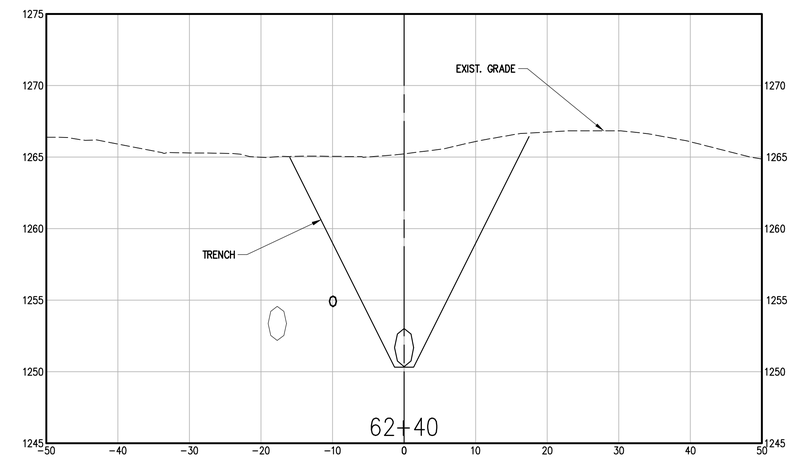

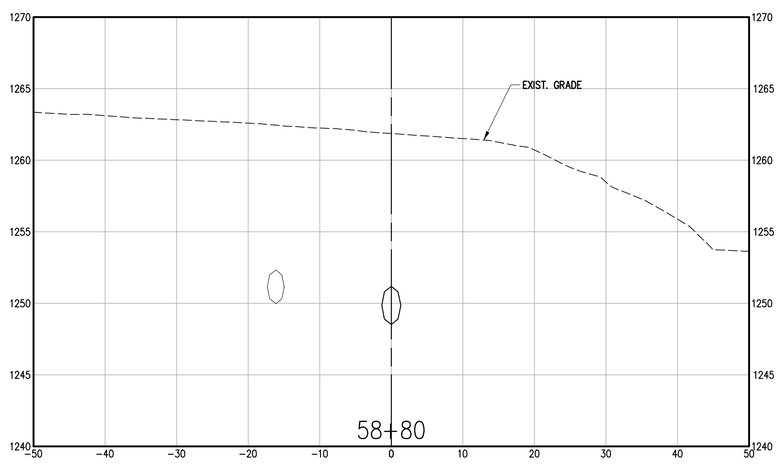

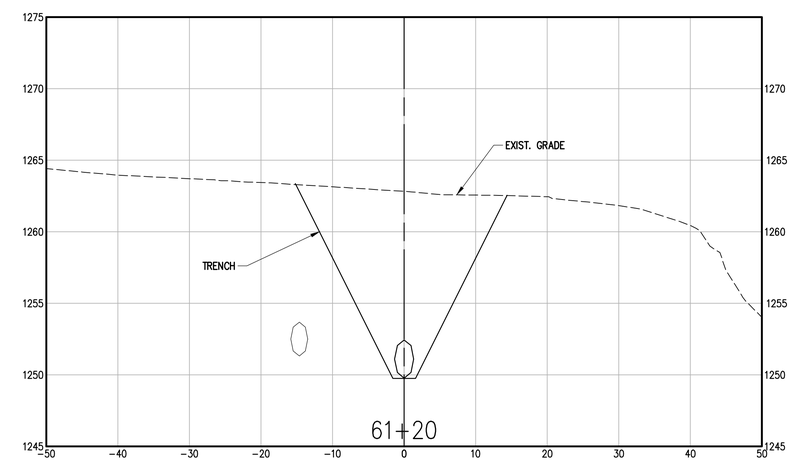

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ROGERS, ARKANSAS

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QC by: M. LOVE
QC Date: 2/06/2024

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PARALLEL MAIN CROSS SECTIONS

C-812

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LAYOUT: C-812 LAST SAVED: 9/25/2026 11:05:34 AM
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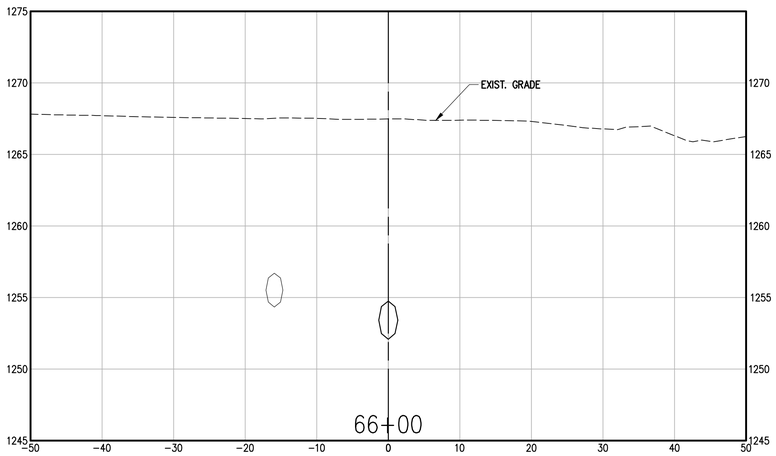

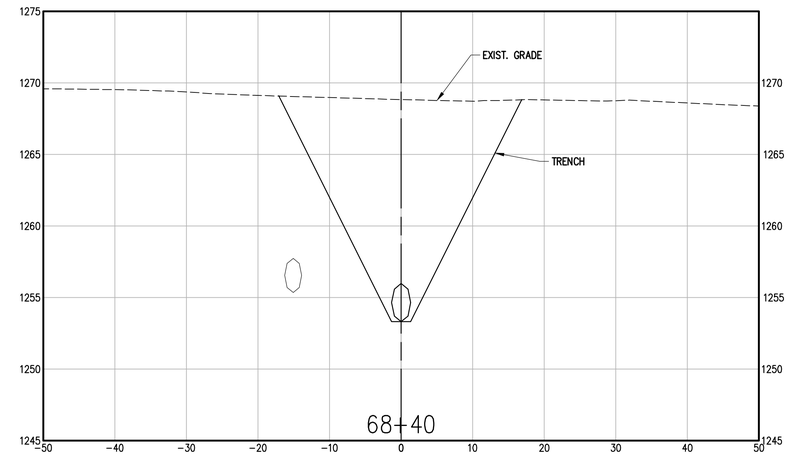

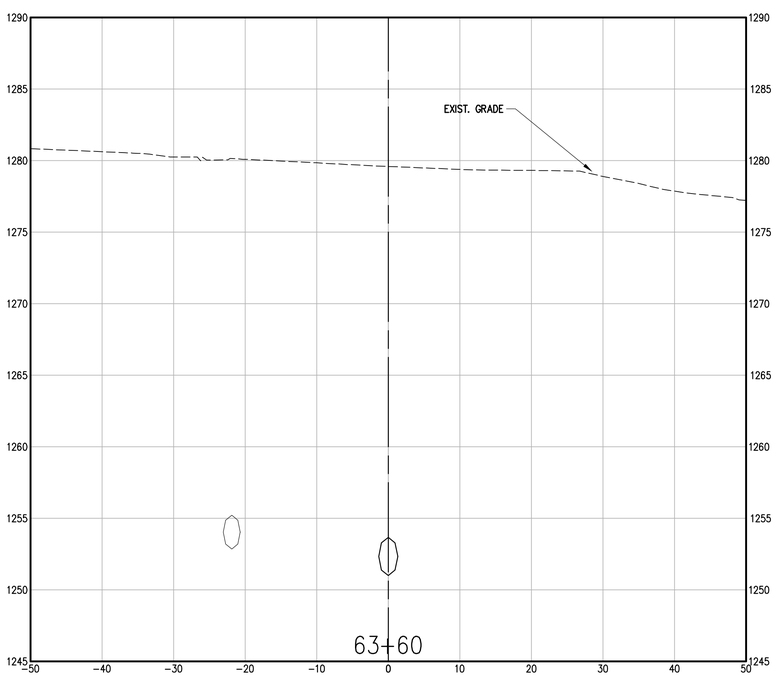

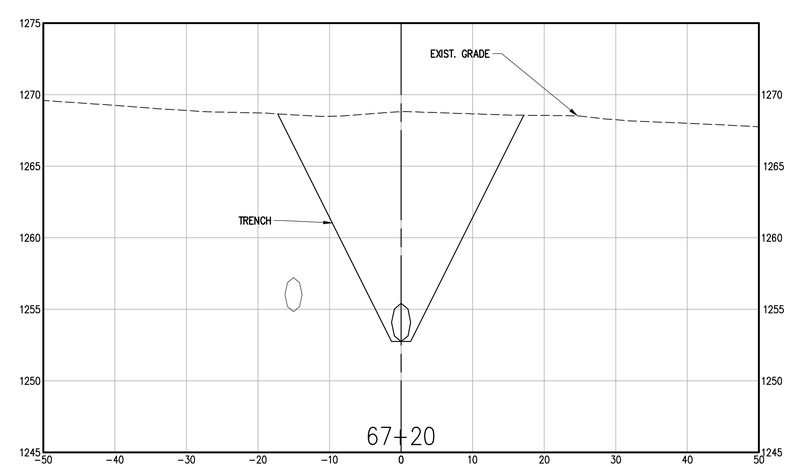

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PARALLEL MAIN CROSS SECTIONS

C-813

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: 813 LAST SAVED: 9/25/2026 11:25:43 AM
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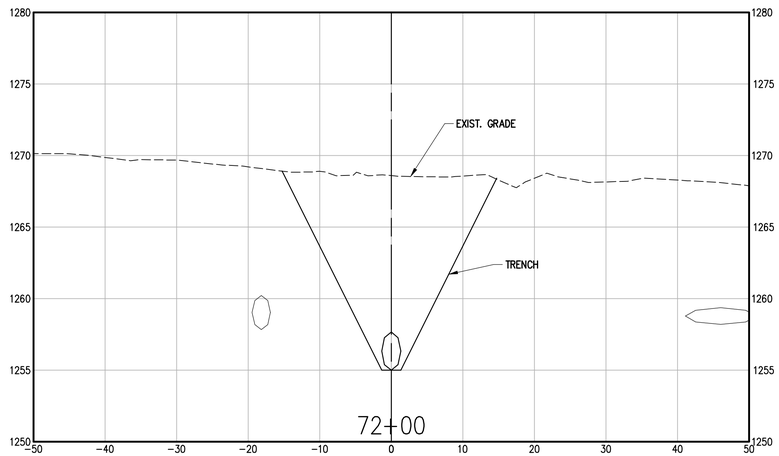

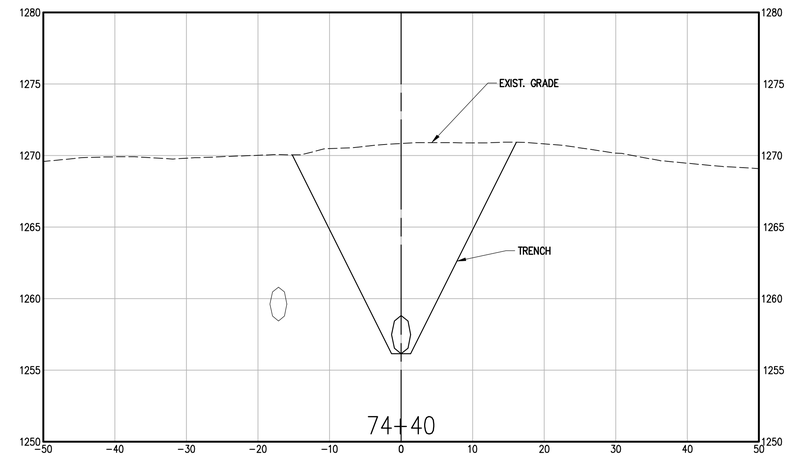

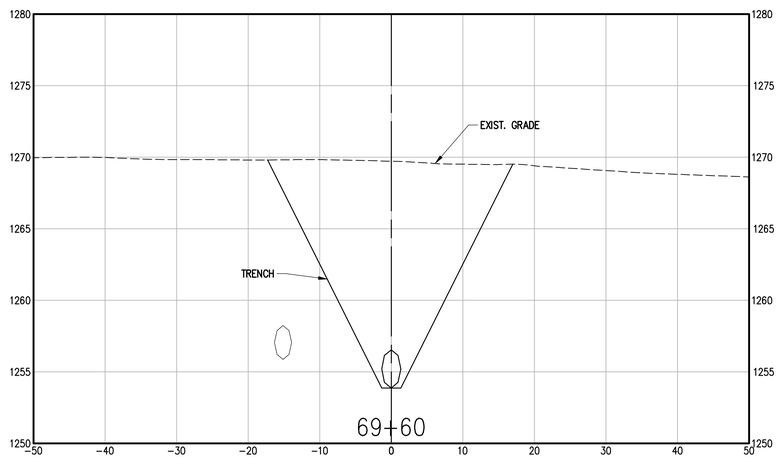

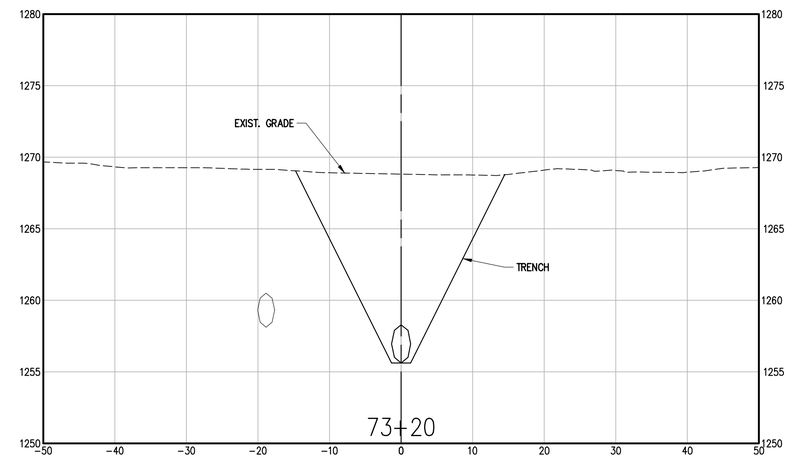

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WILLIAM C. BURNETT

William C. Burnett
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PARALLEL MAIN CROSS SECTIONS

C-814

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-814 LAST SAVED: 9/25/2026 1:28:24 AM
PLOTTED BY: BRADY BURNETT LAST PLOTTED: 9/25/2026 1:28:24 AM
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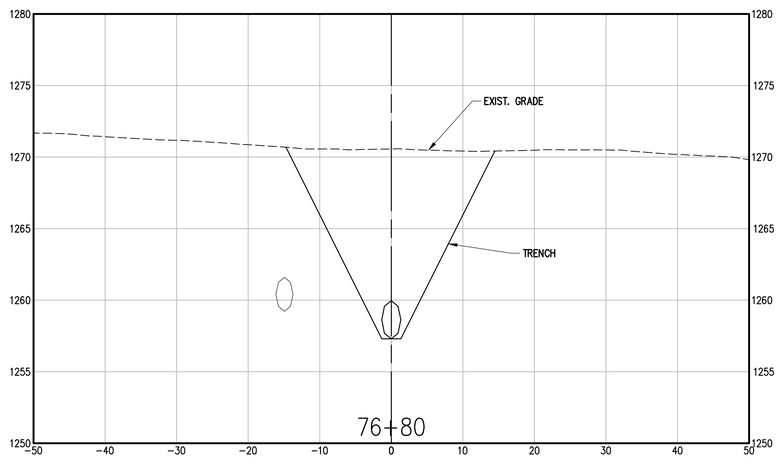

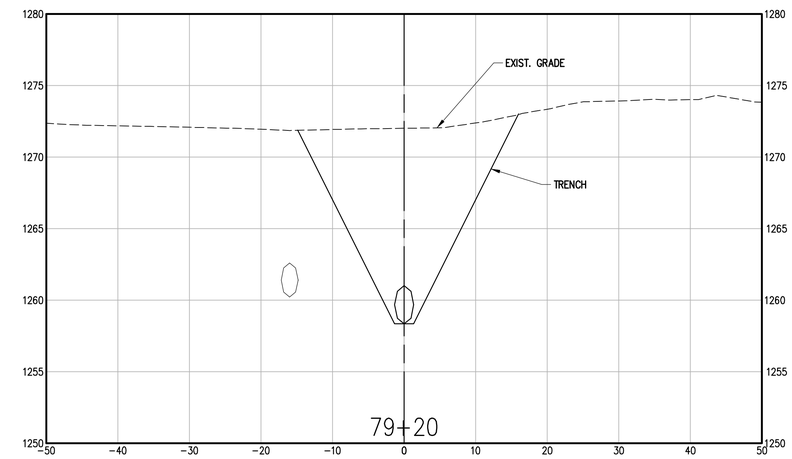

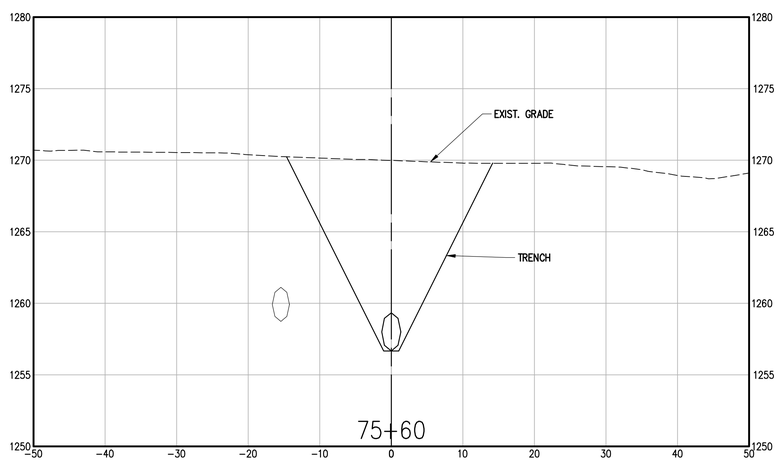

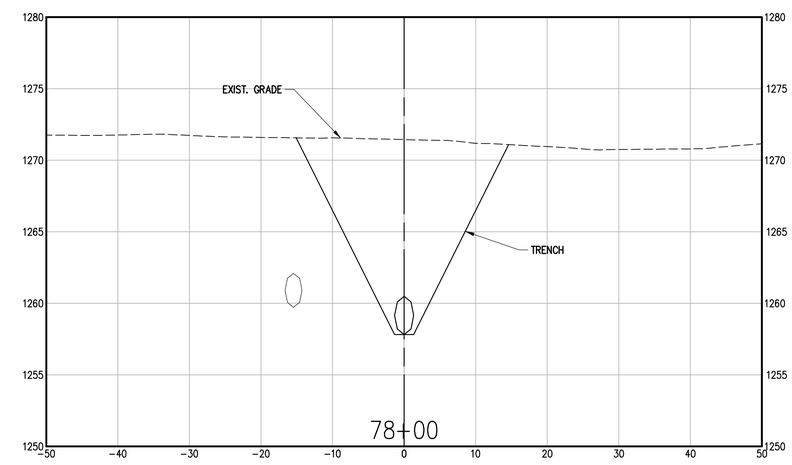

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No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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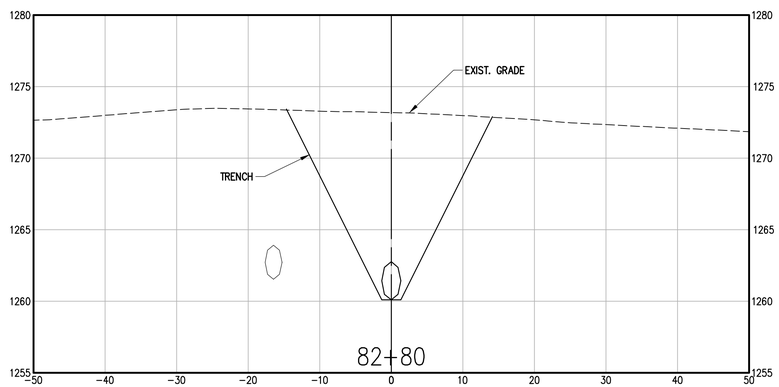
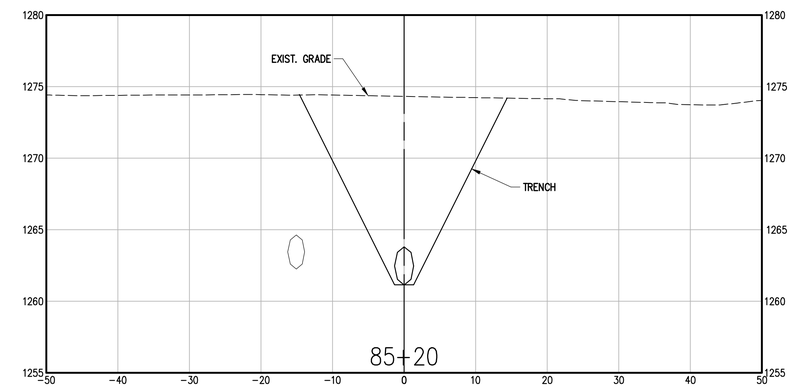
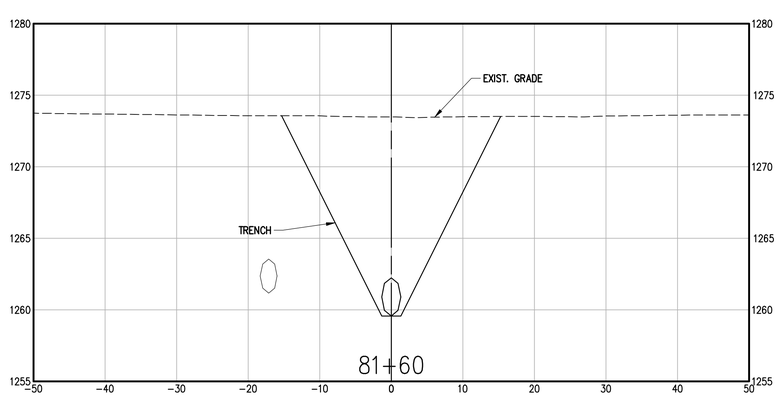
PARALLEL MAIN CROSS SECTIONS

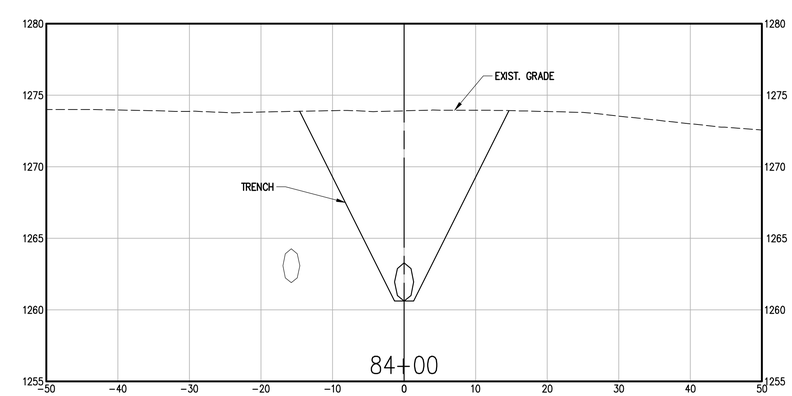
C-815

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-815 LAST SAVED: 9/25/2026 11:35:43 AM
LAST PLOTTED: 9/25/2026 11:35:43 AM PLOTTED BY: VALID (ON HARD COPY ONLY)









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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
William C. Burnett
9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-816

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: 16-LAST SAVED: BROOK, 9/25/2026 11:25:24 AM
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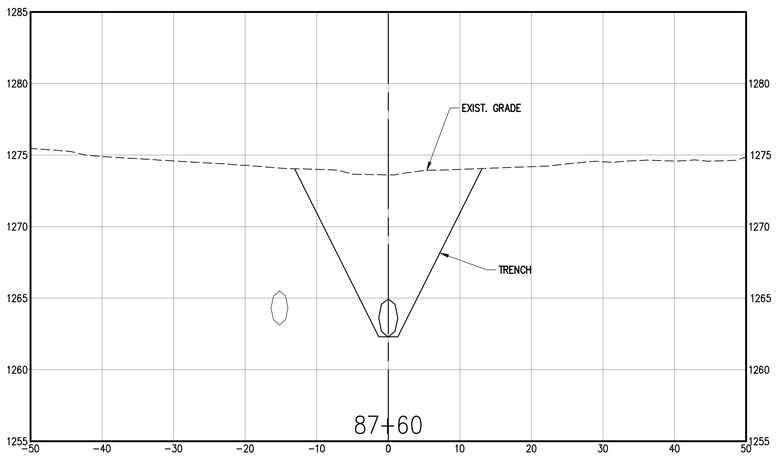

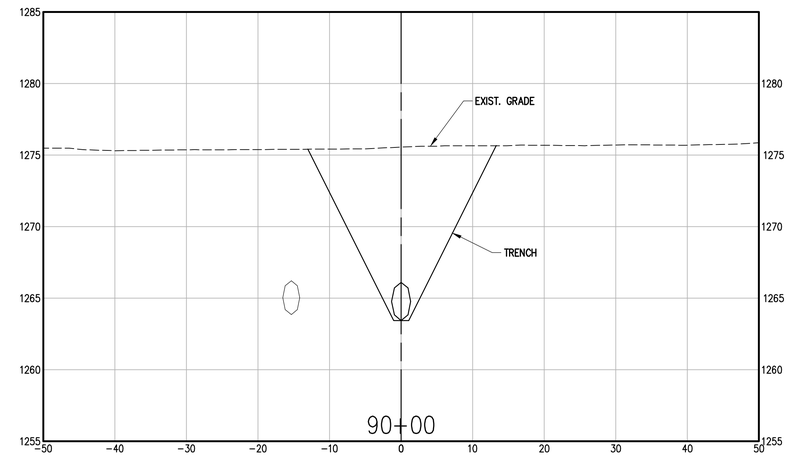

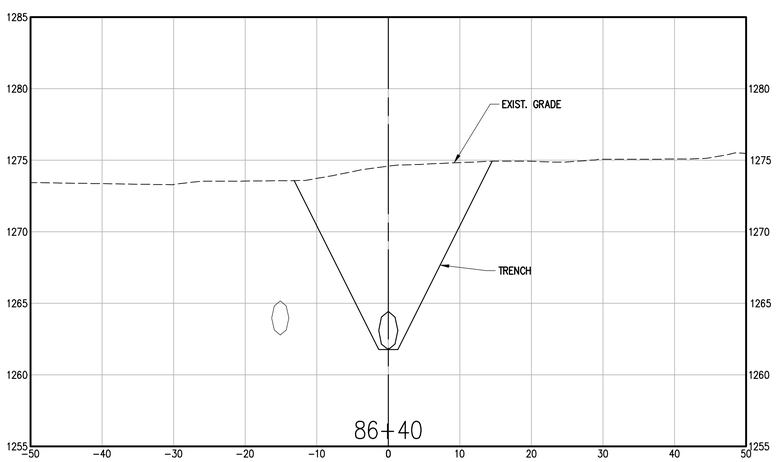

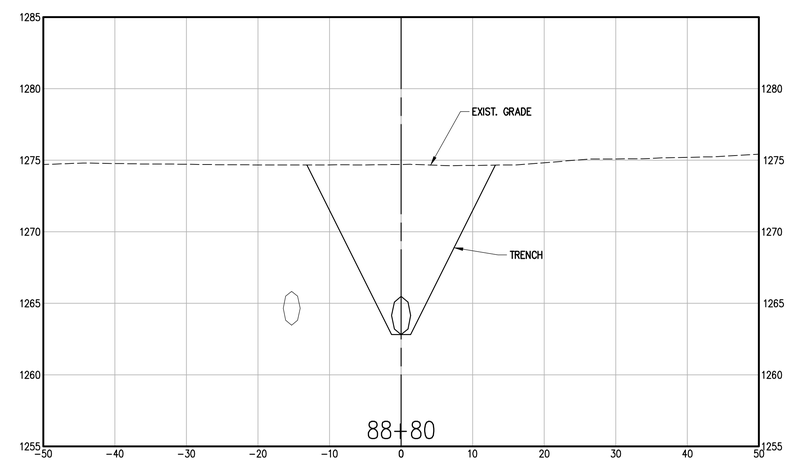

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-817

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-817 LAST SAVED: 9/25/2026 11:35:43 AM
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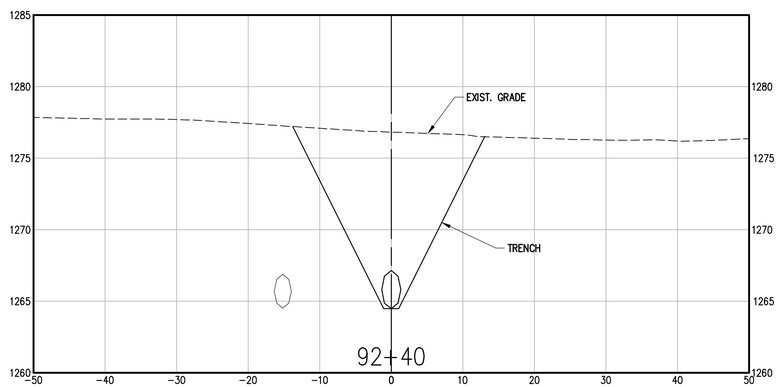

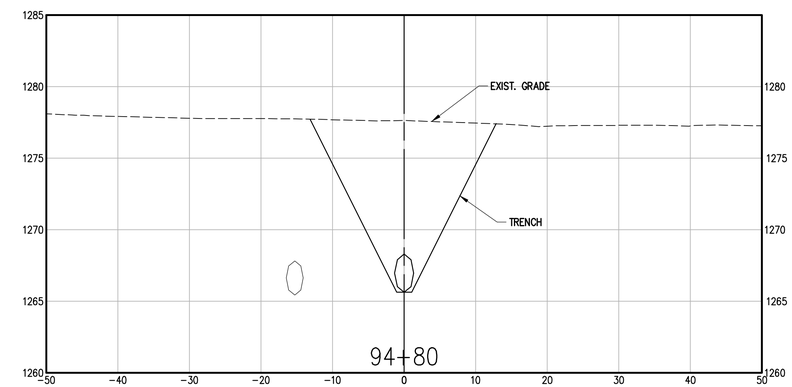

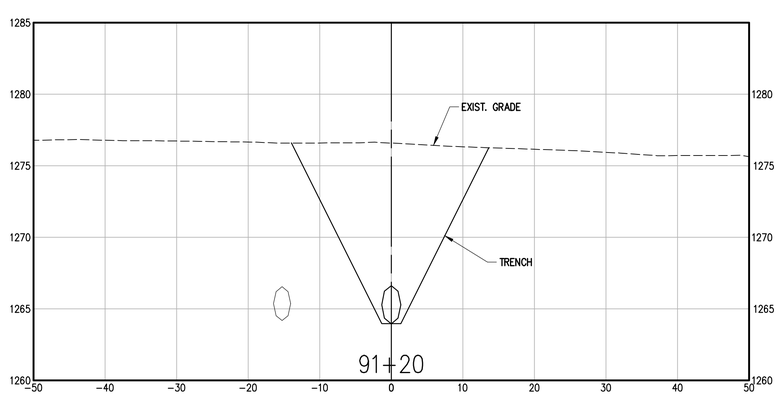

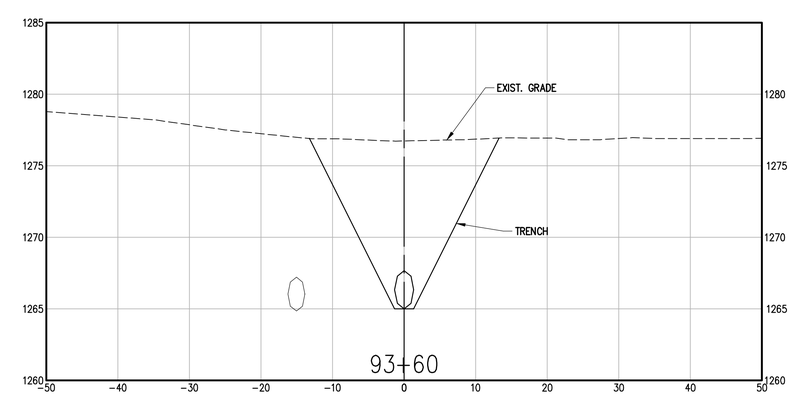

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-818

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: B-1 ARTS LAYED BROS: 9/25/2026 11:26:24 AM
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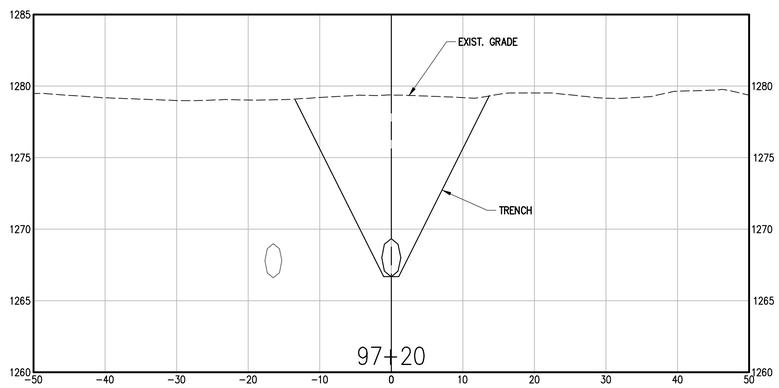

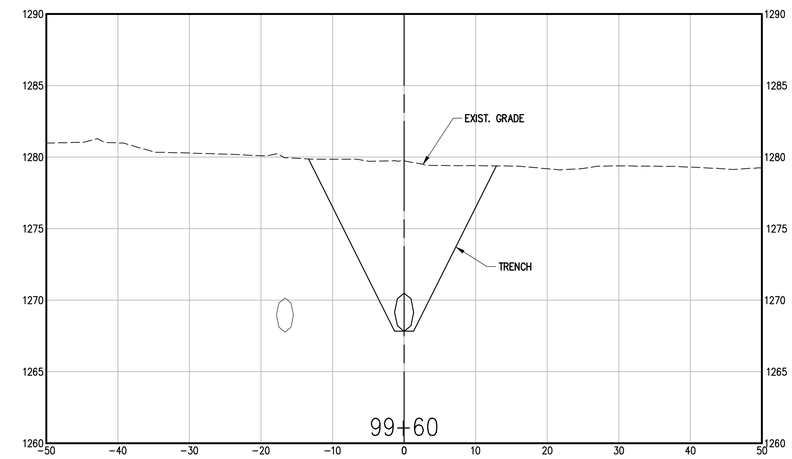

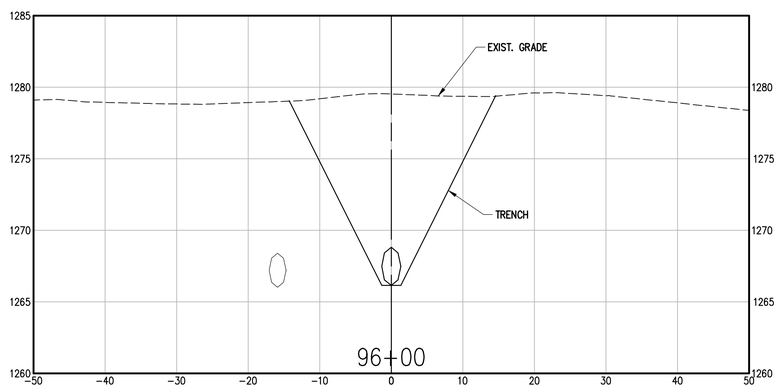

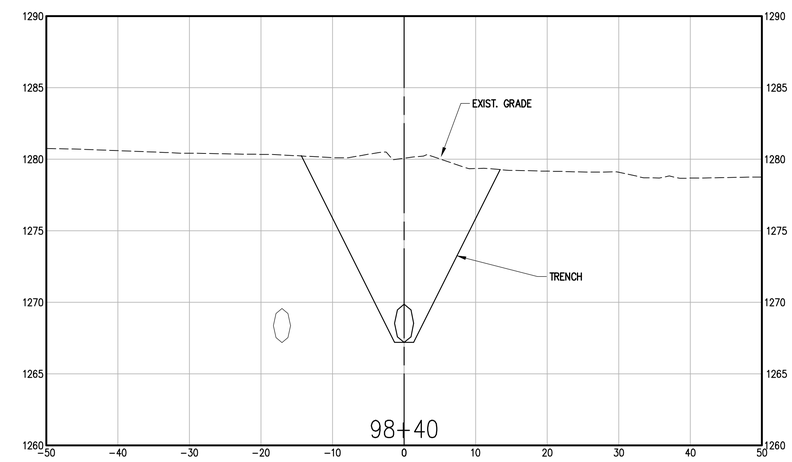

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-819

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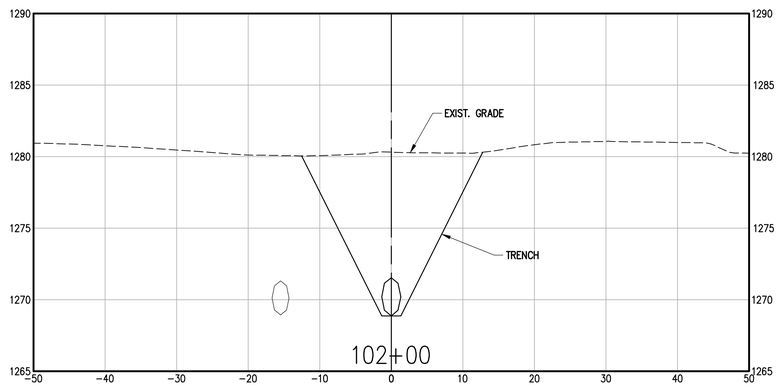

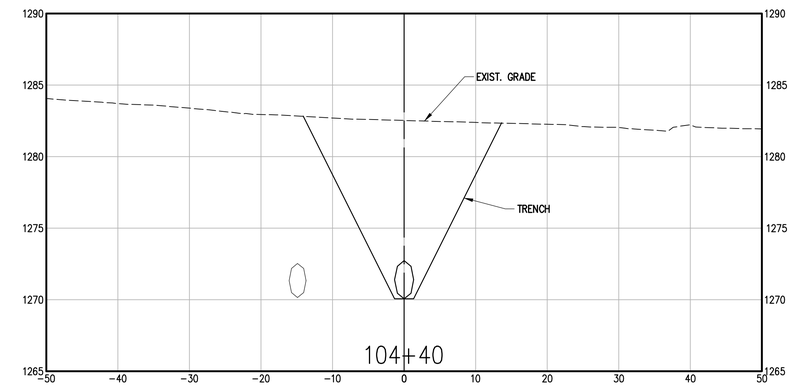

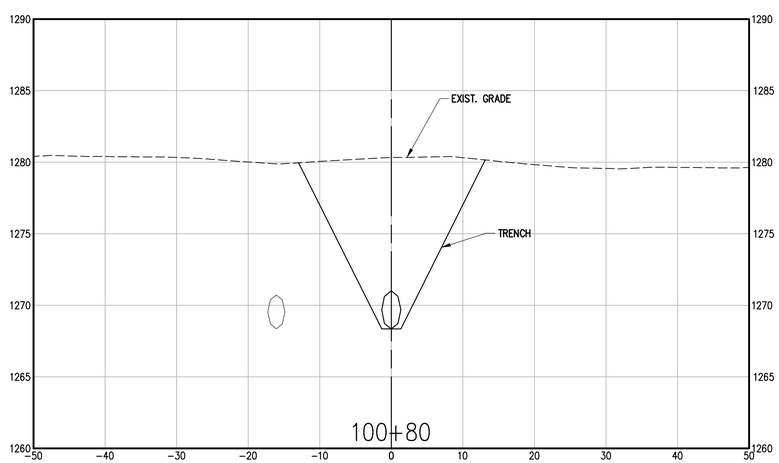

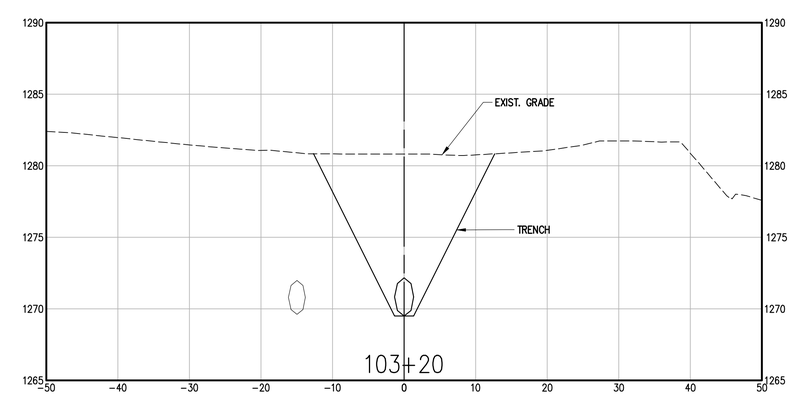

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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No. 10208
WILLIAM C. BURNETT
9/25/26

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PARALLEL MAIN CROSS SECTIONS

C-820

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-820 LAST SAVED: 9/25/2026 11:35:43 AM
PLOTTED BY: BRIAN BURNETT PLOTTED ON: 9/25/2026 11:35:44 AM
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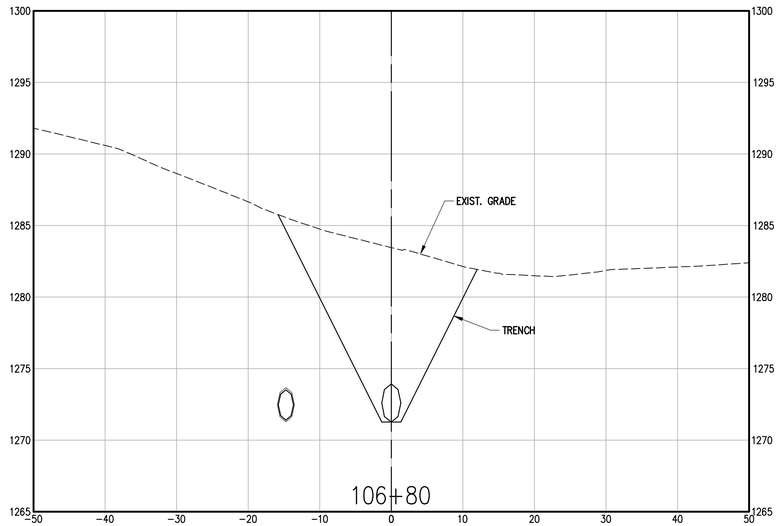

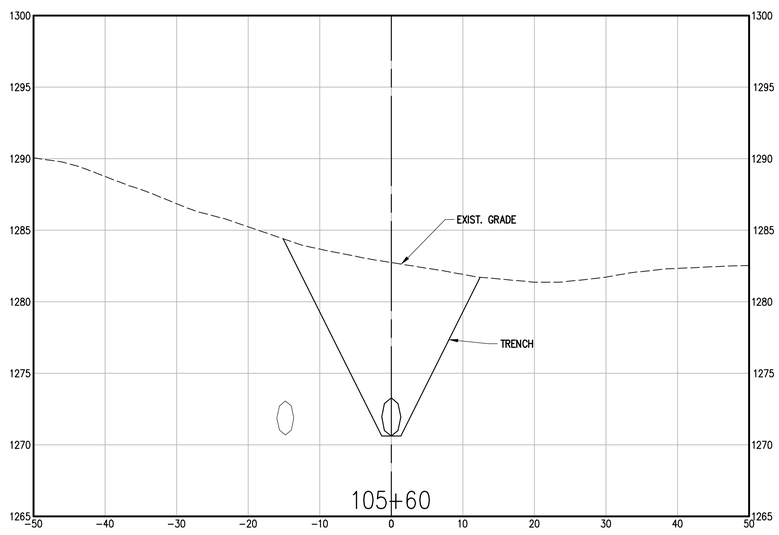

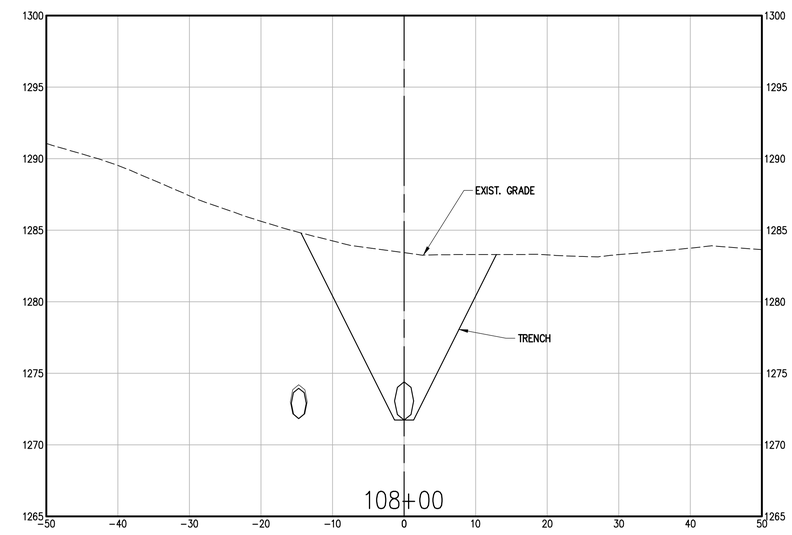

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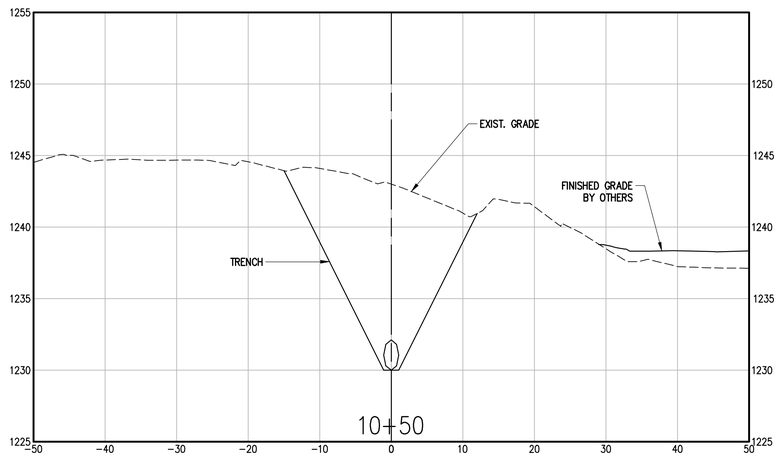
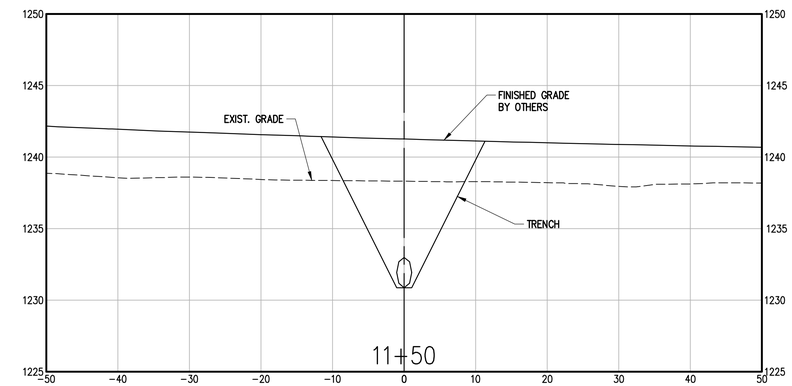
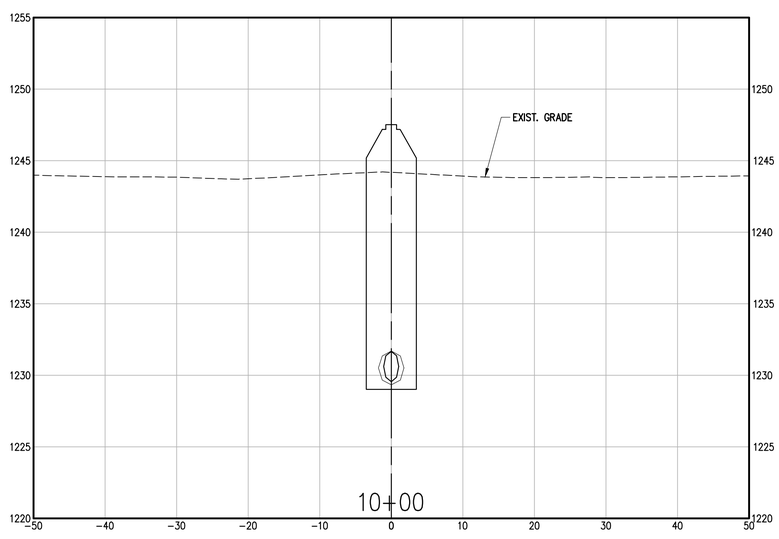
PARALLEL MAIN CROSS SECTIONS

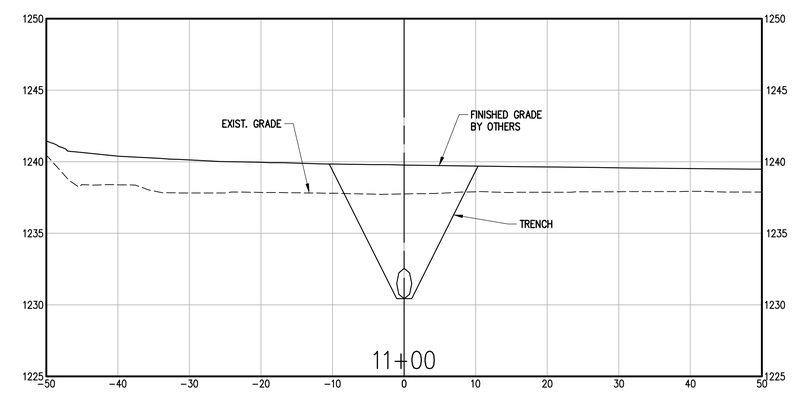
C-821

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS PARALLEL MAIN.DWG
LAYOUT: C-821 LAST SAVED: BRADY, 9/25/2026 11:25:41 AM
PLOTTED BY: BRADY, 9/25/2026 11:25:41 AM PLOTTED BY: VALID ON HARD COPY ONLY)









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QC Date: 2/06/2024

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No. 10208
WILLIAM C. BURNETT
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SANITARY RELOCATION 1 CROSS SECTIONS

C-822

DRAWING: (C-23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 1.DWG)
LAYOUT: C-822 LAYOUT: 22X36 9/25/2026 11:33:39 AM
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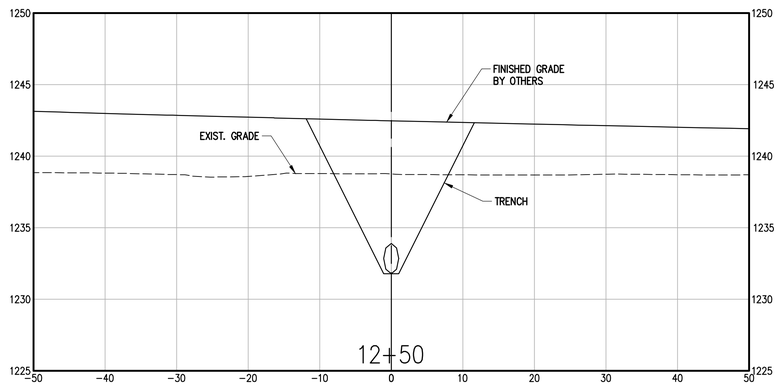

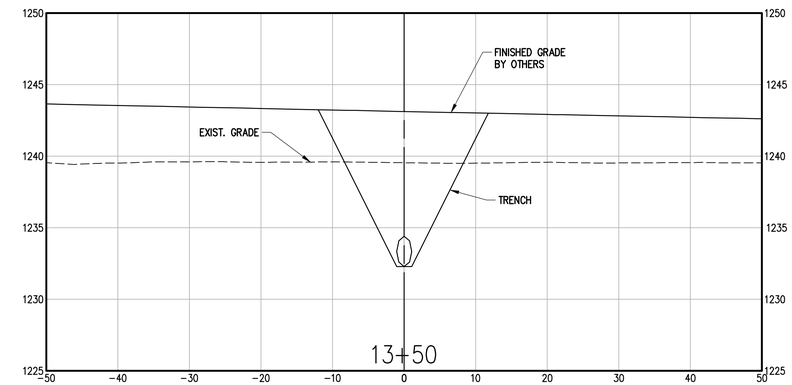

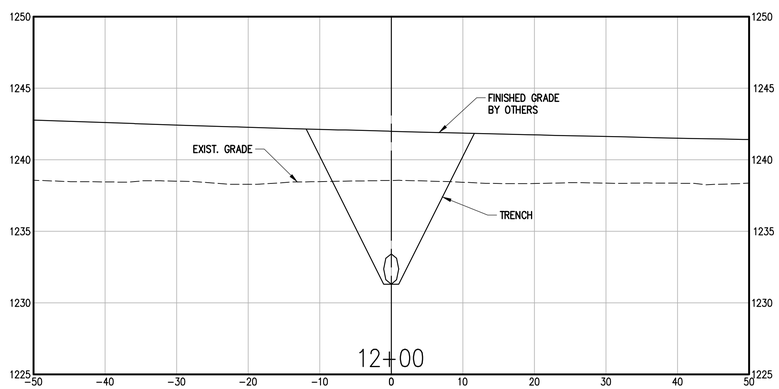

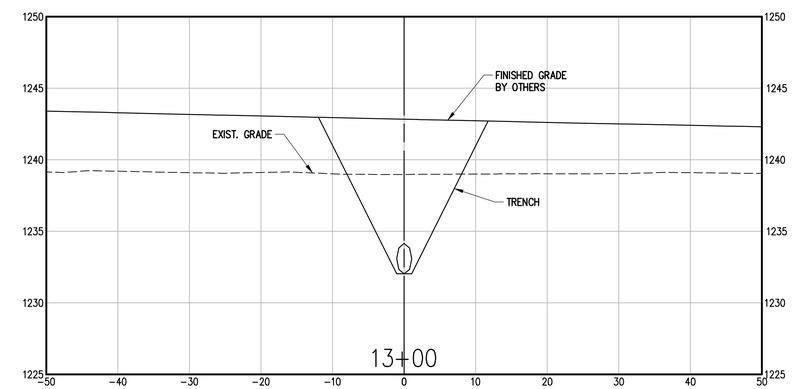

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CRAFTON, TULL & ASSOCIATES, INC.
No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/04/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
William C. Burnett
9/25/26

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SANITARY RELOCATION 1 CROSS SECTIONS

C-823

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 1.DWG
LAYOUT: C-823 LAST SAVED: 9/25/2026 11:33:38 AM
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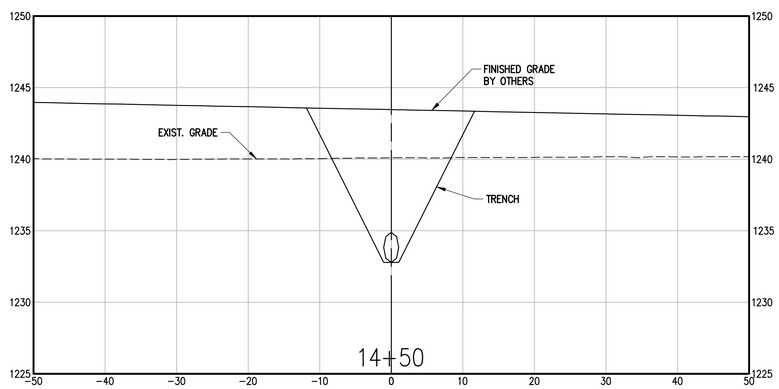

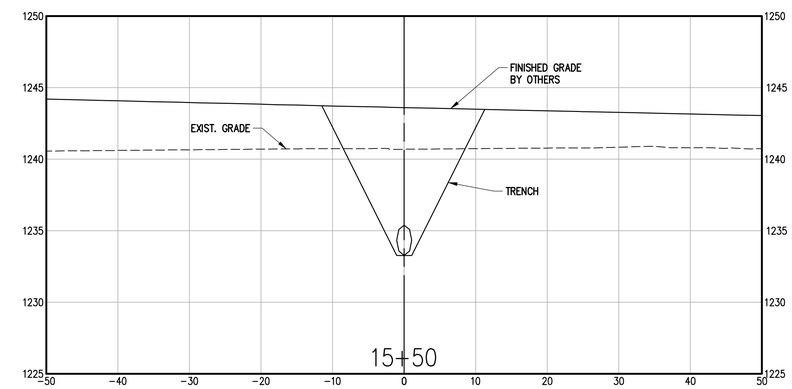

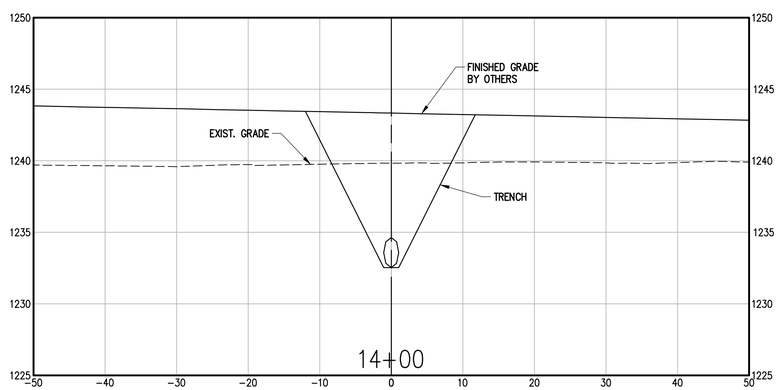

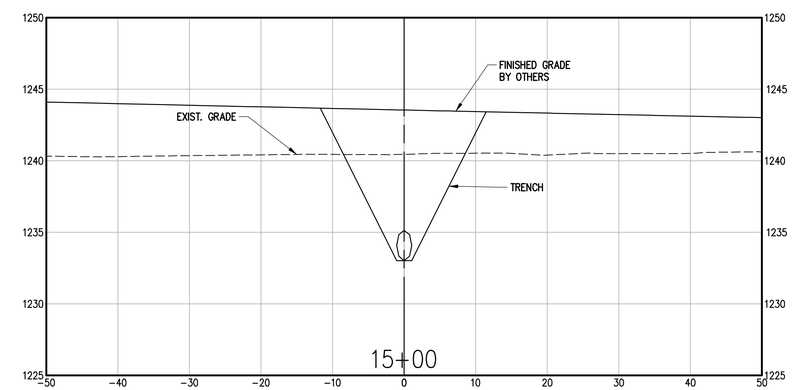

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY RELOCATION 1 CROSS SECTIONS

C-824

DRAWING: C:\231030_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 1.DWG
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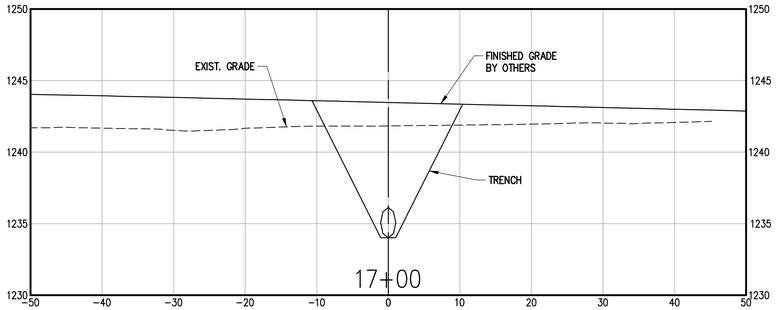

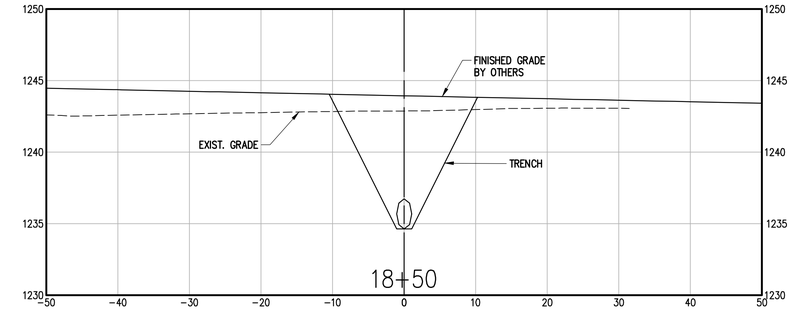

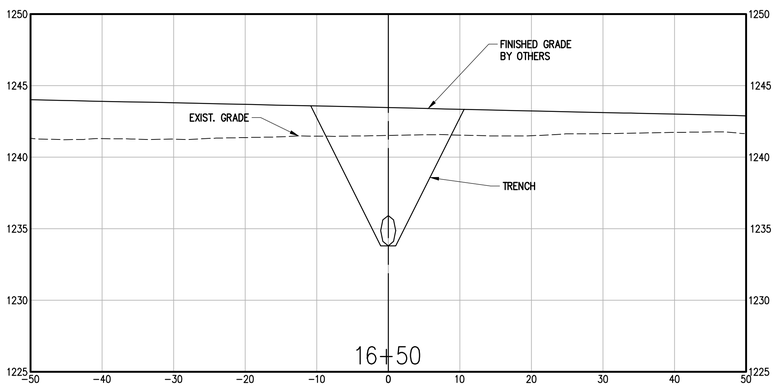

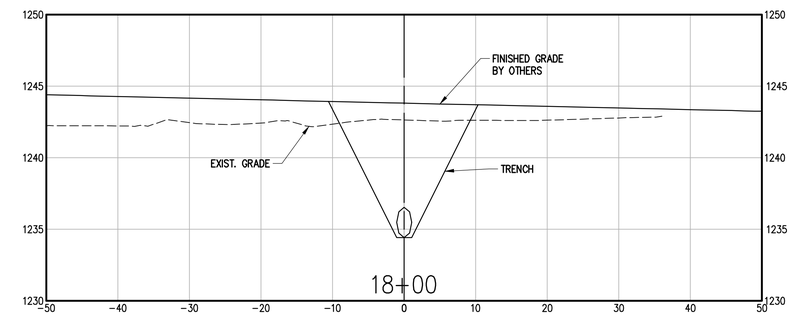

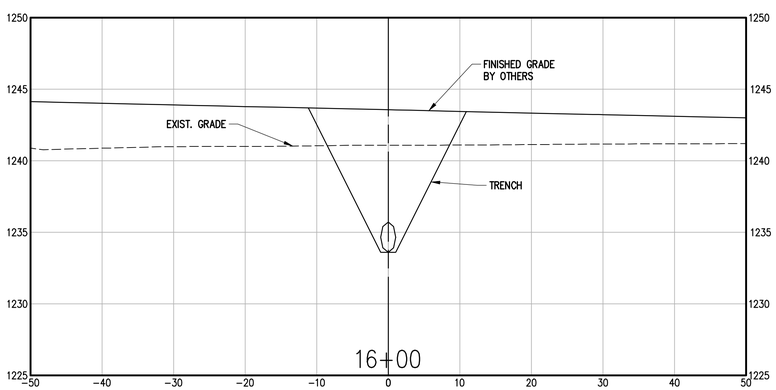

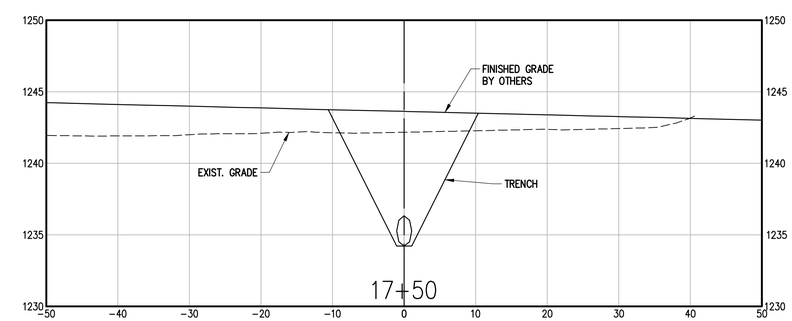

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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William C. Burnett
9/25/26

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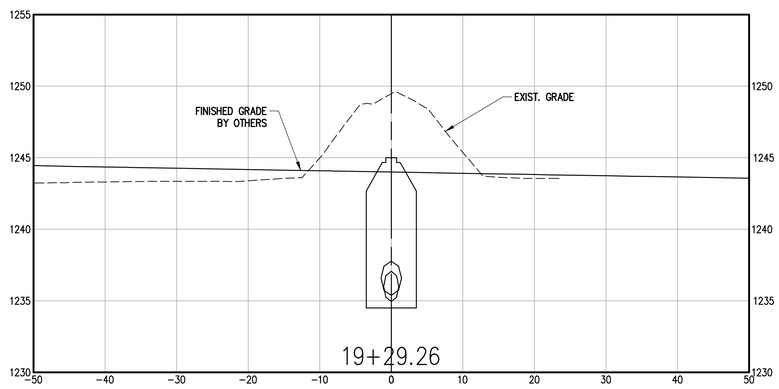
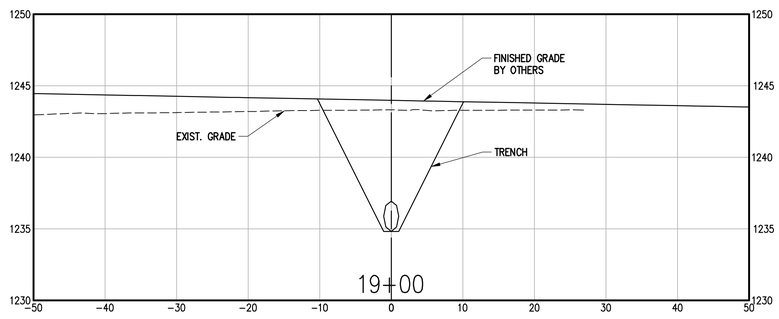
SANITARY RELOCATION 1 CROSS SECTIONS

C-825

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 1.DWG
LAYOUT: C-825 SAVED: 9/25/2026 11:33:39 AM PLOTTED BY: VALID DWG (DO NOT PLOT)





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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

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SANITARY RELOCATION 1 CROSS SECTIONS

C-826

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 1.DWG
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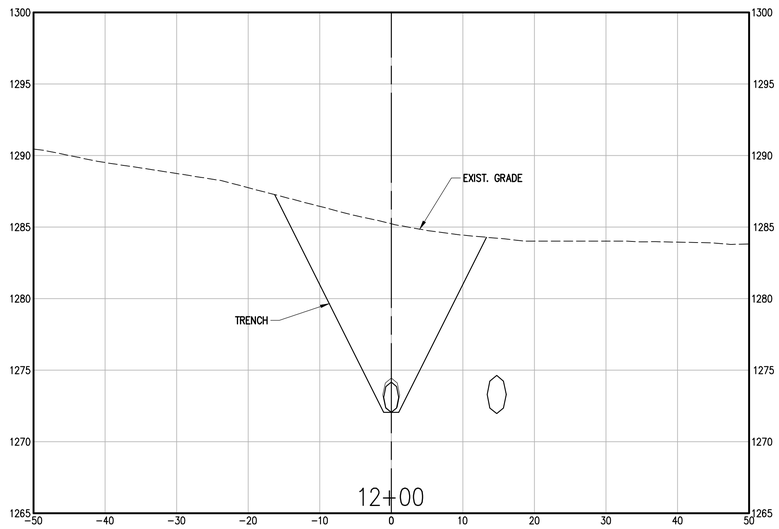

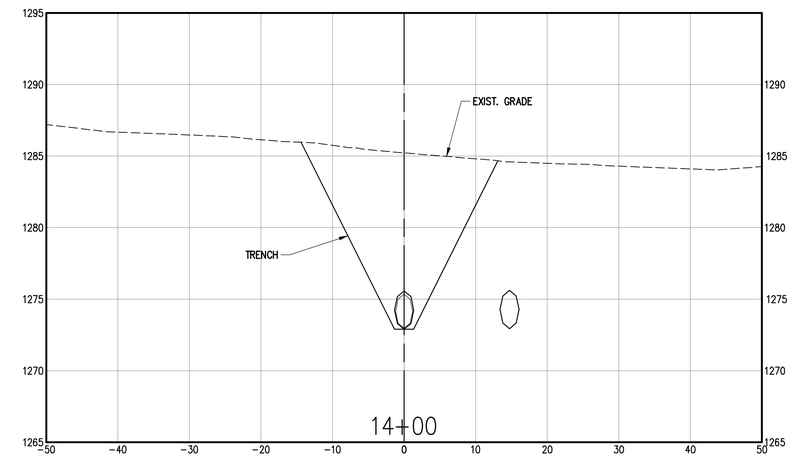

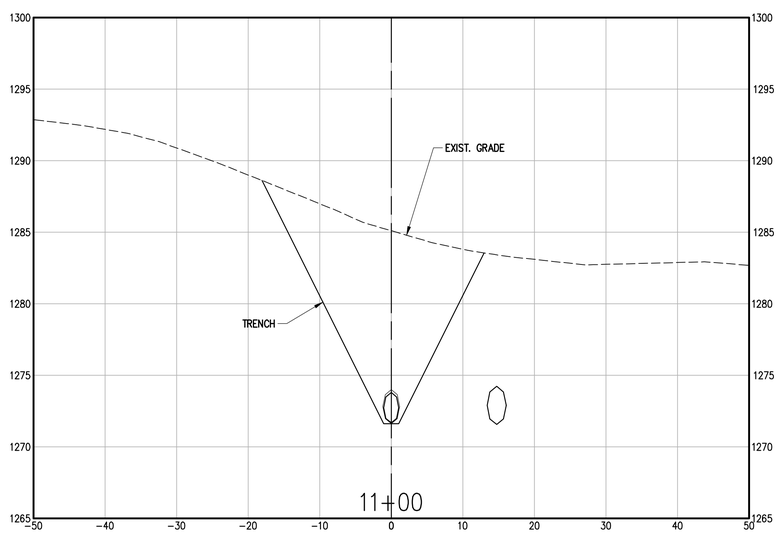

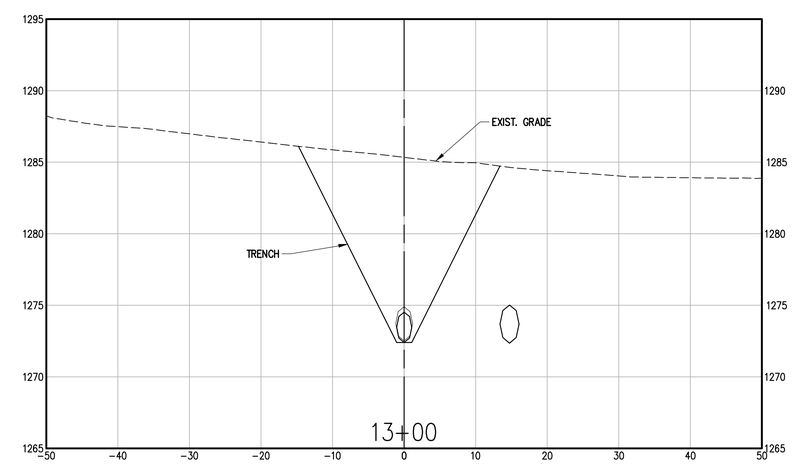

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
9/25/26

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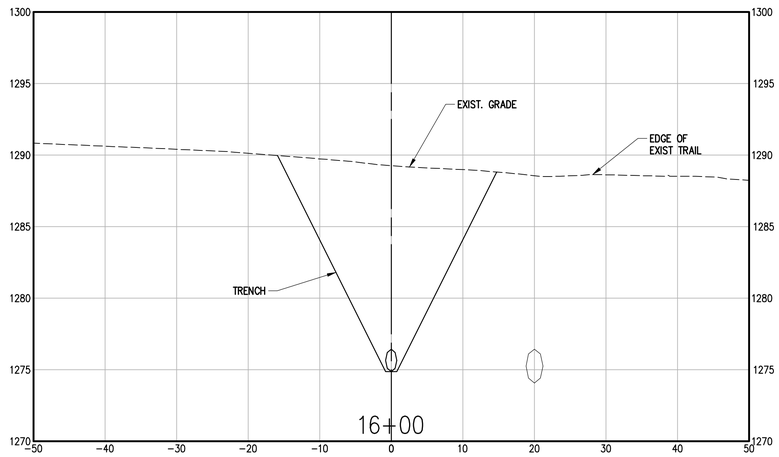
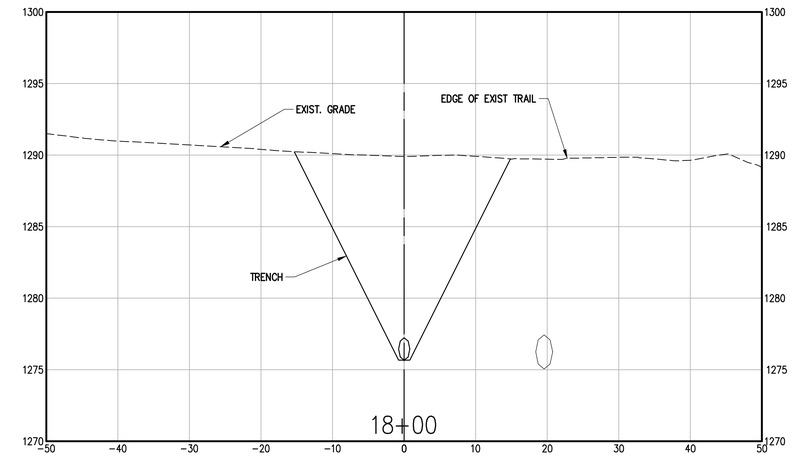
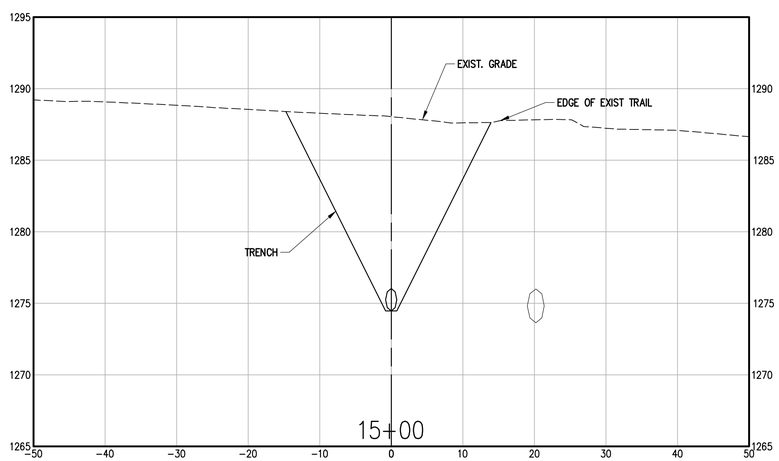
SANITARY RELOCATION 2 CROSS SECTIONS

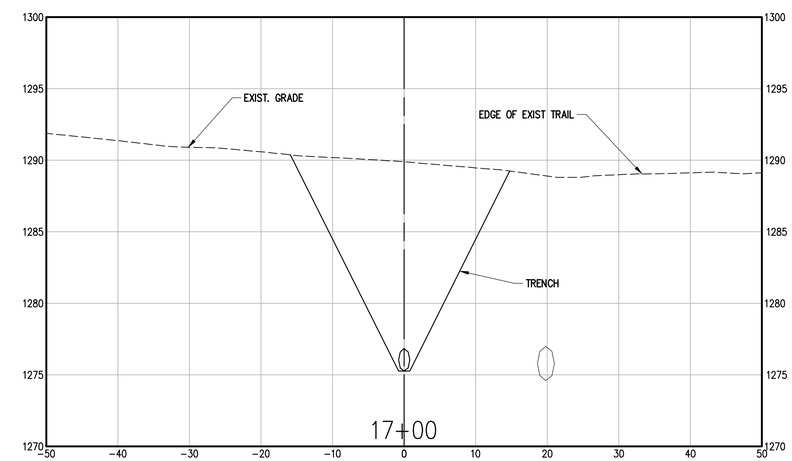
C-827

DRAWING: G:\23100300_BLOSSOMWAY\PRARTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 2.DWG
LAYOUT: C-827 LAST SAVED: 9/25/2026 11:34:25 AM
PLOTTED BY: BRIAN BURNETT LAST PLOTTED: 9/25/2026 11:34:25 AM PLOTTED BY: VALID DN HARD COPY ONLY)









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ARKANSAS ENGINEER

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BLOSSOM WAY SEWER
MAIN CONSTRUCTION

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY RELOCATION 2 CROSS SECTIONS

C-828

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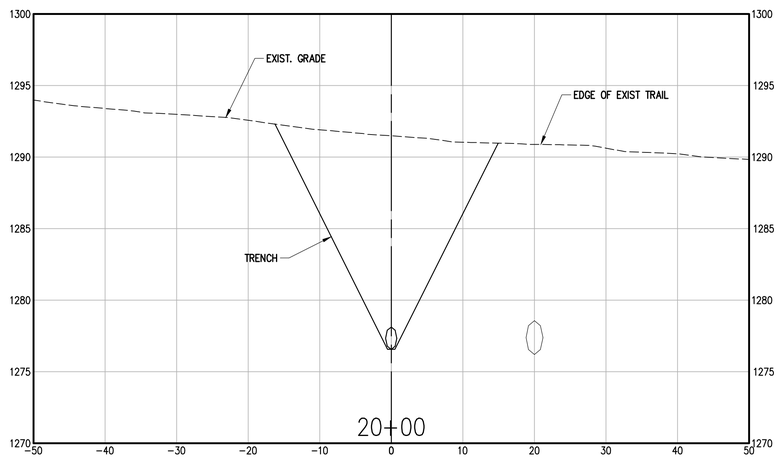
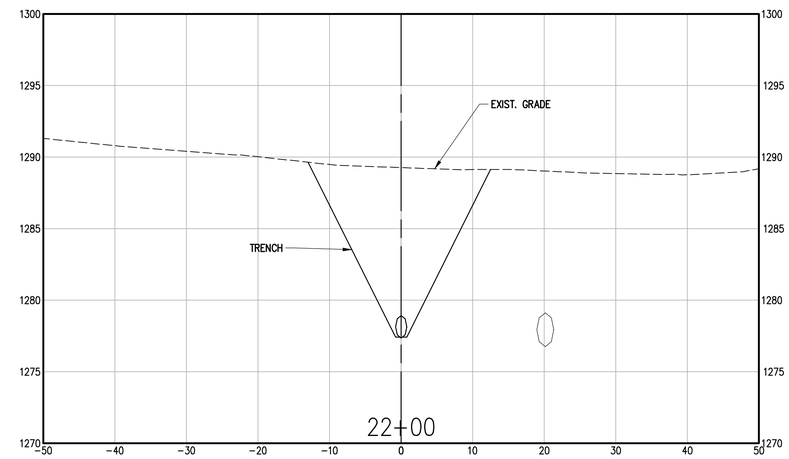
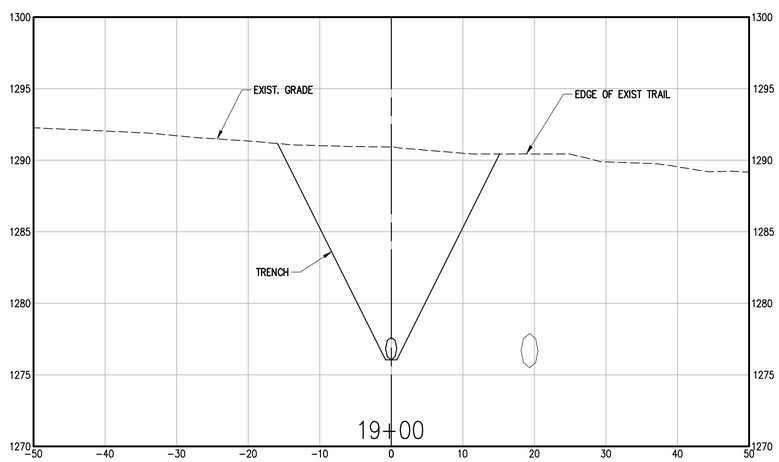
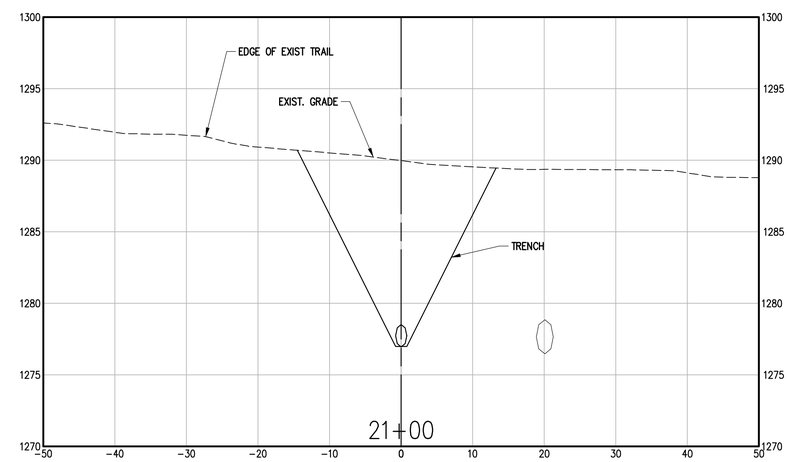
LAYOUT: C-828 | SAVED: 9/25/2026 11:34:25 AM | PLOTTED BY: * VALID OH HARD COPY ONLY!









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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC By: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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No. 10208
WILLIAM C. BURNETT
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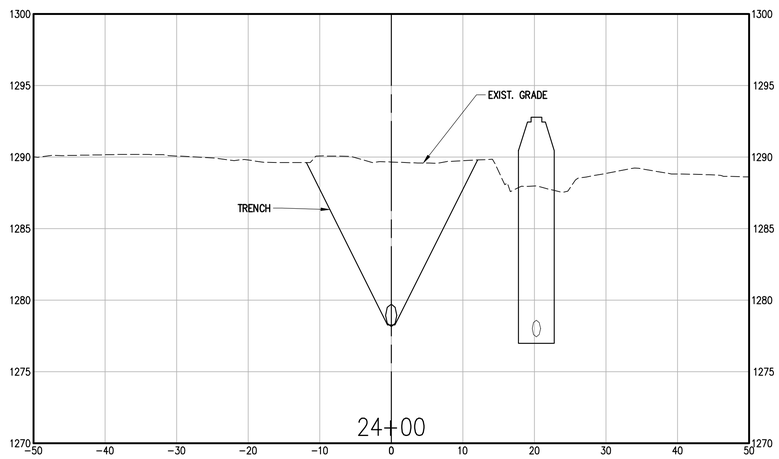
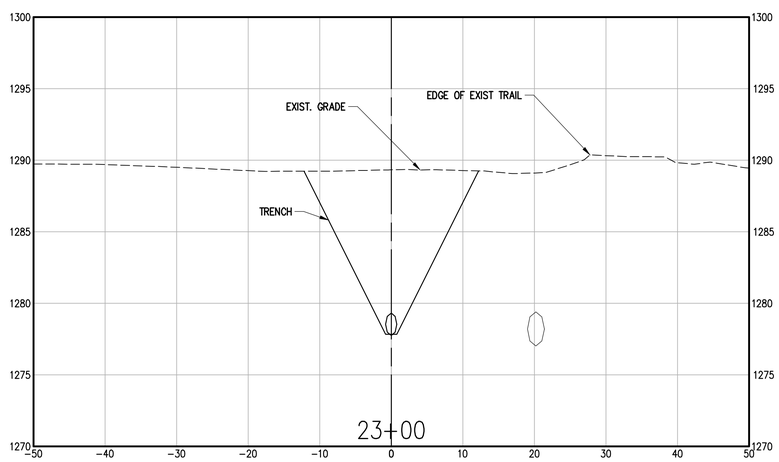
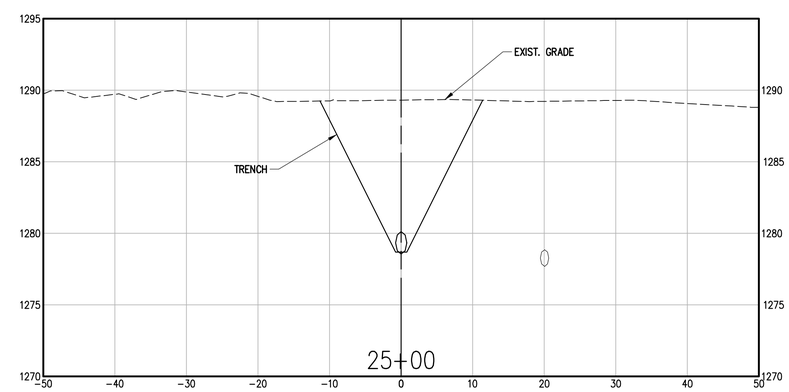
SANITARY RELOCATION 2 CROSS SECTIONS

C-829

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 2.DWG
LAYOUT: 21-LAST SAVED: 9/25/2026 11:34:25 AM
PLOTTED BY: WILLIAM BURNETT PLOTTED ON: 9/25/2026 11:34:25 AM PLOTTED BY: VALID ON HARD COPY ONLY







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QC Date: 2/06/2024

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SANITARY RELOCATION 2 CROSS SECTIONS

C-830

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 2.DWG
LAYOUT: 24 LAST SAVED: 8/22/2026 11:34:25 AM
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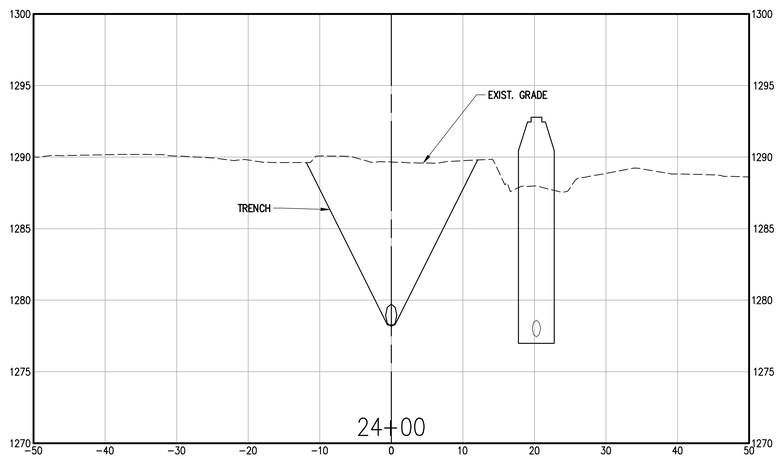

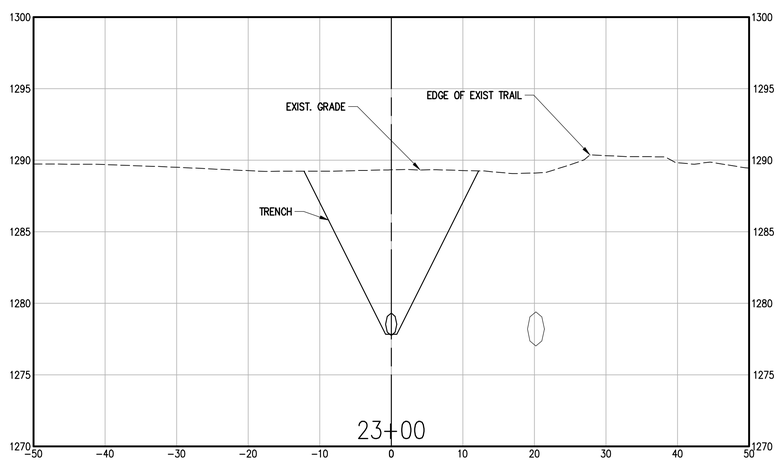

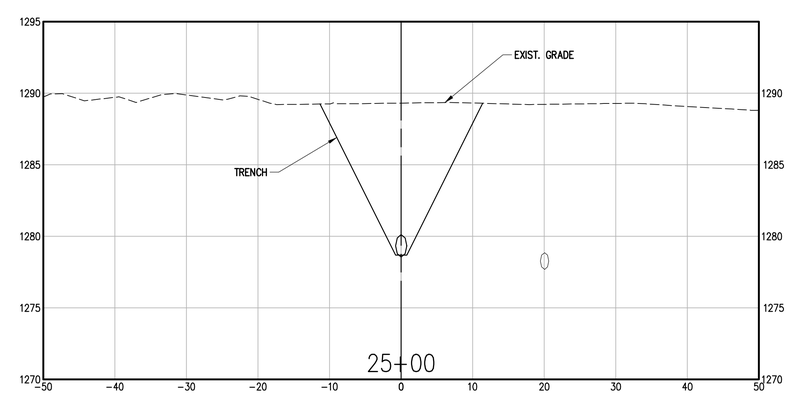

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479.636.4838 t 479.631.6224 f

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No. 109
ARKANSAS ENGINEER

ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

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No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY RELOCATION 2 CROSS SECTIONS

C-831

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS RELOCATION 2.DWG
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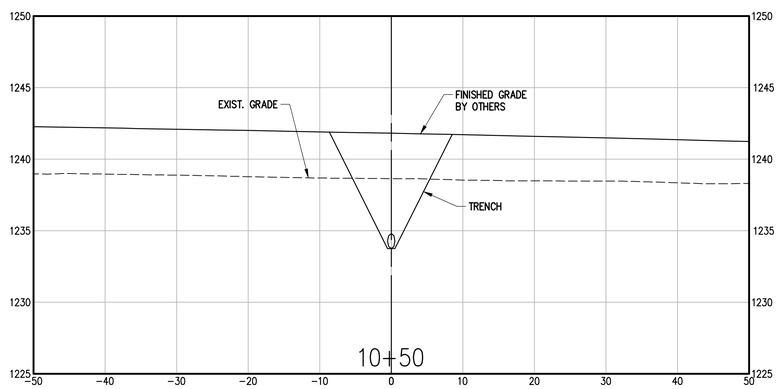

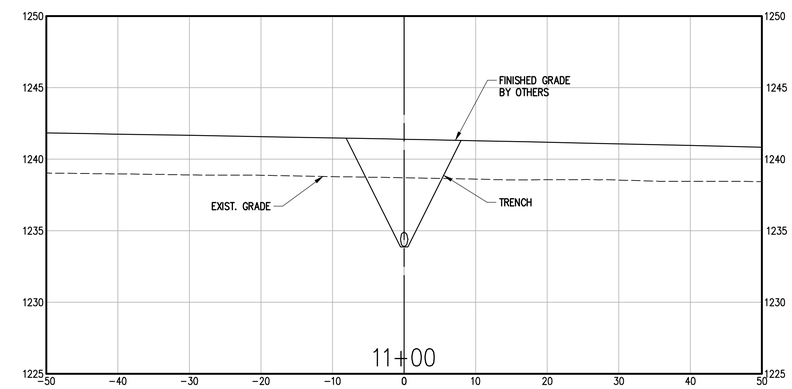

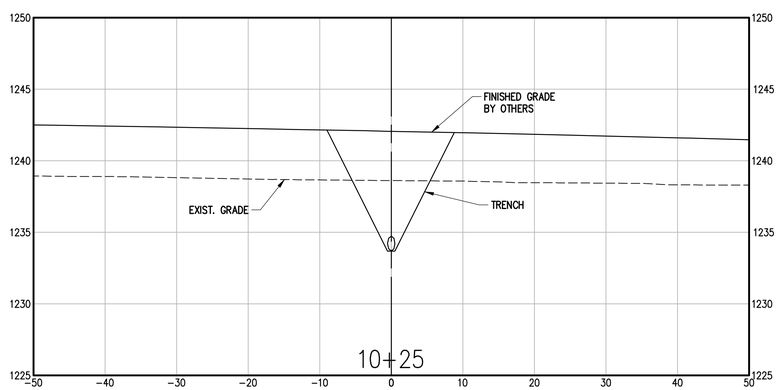

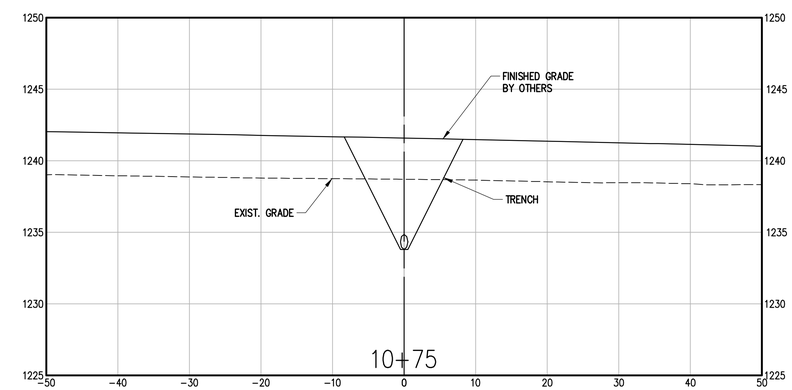

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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WILLIAM C. BURNETT
William C. Burnett
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SANITARY CONNECTION 1 CROSS SECTIONS

C-832

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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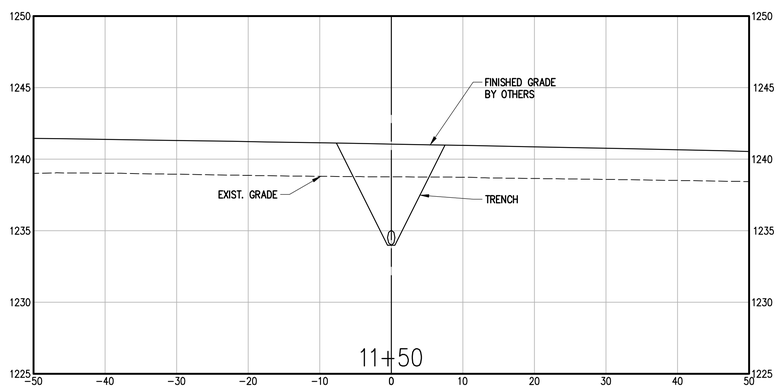

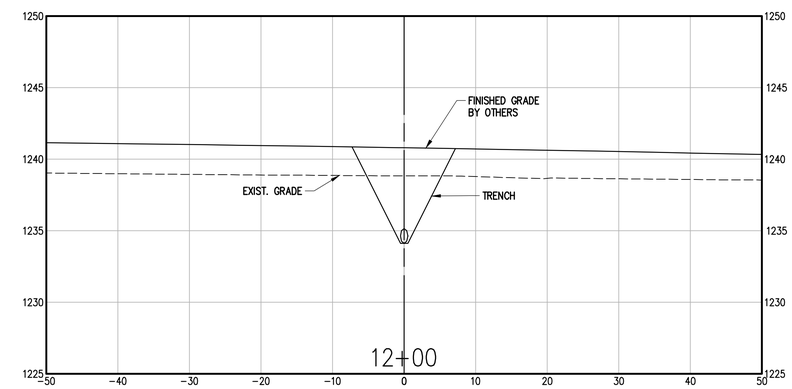

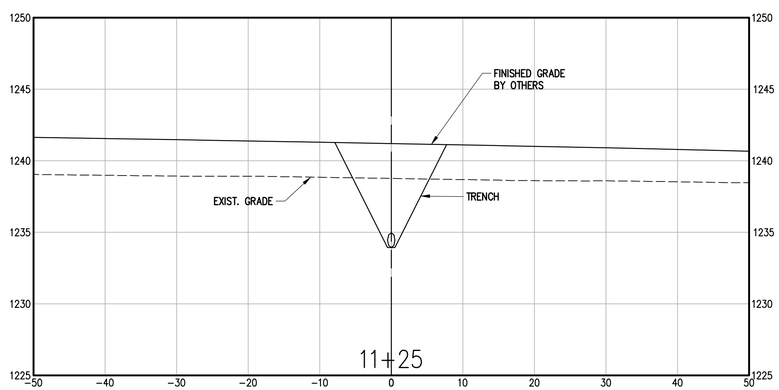

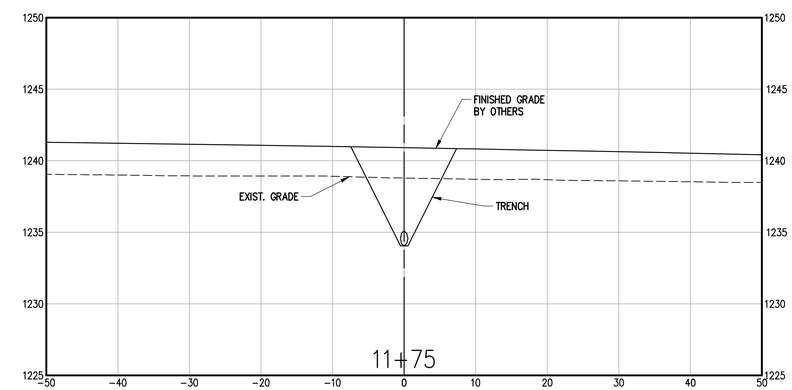

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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William C. Burnett
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SANITARY CONNECTION 1 CROSS SECTIONS

C-833

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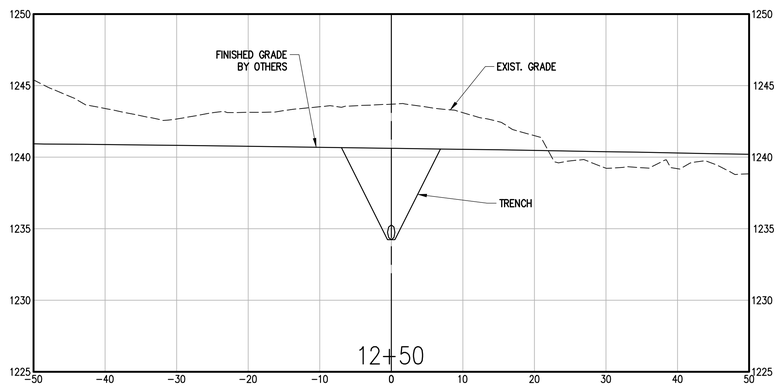

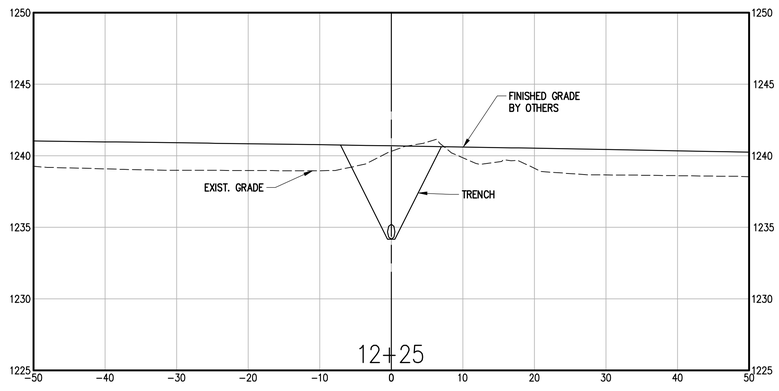

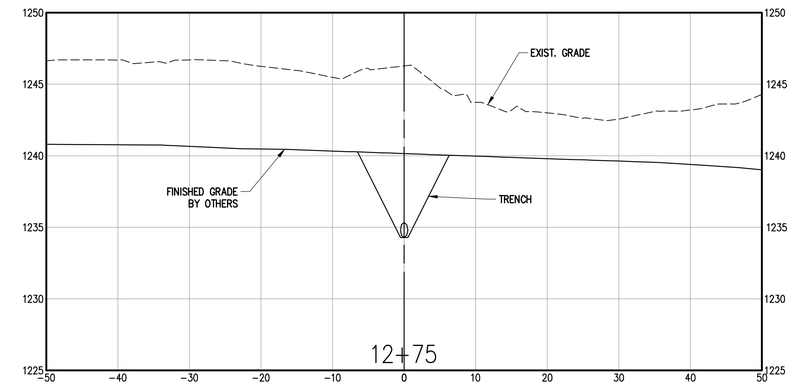

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SANITARY CONNECTION 1 CROSS SECTIONS

C-834

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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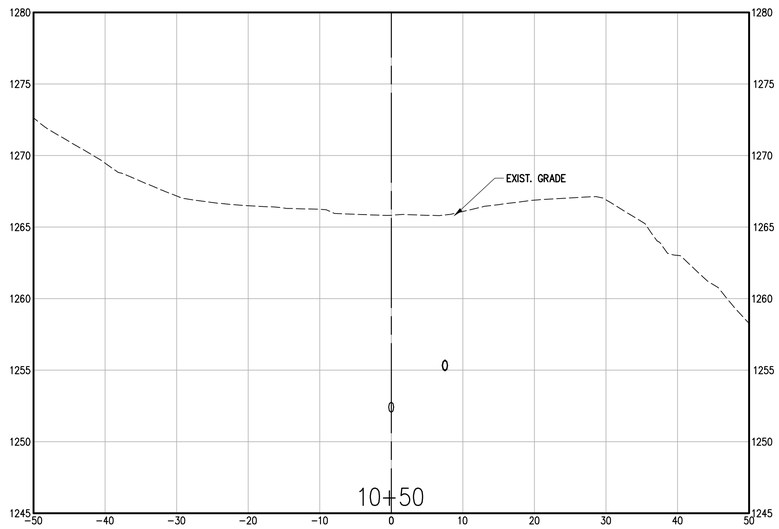

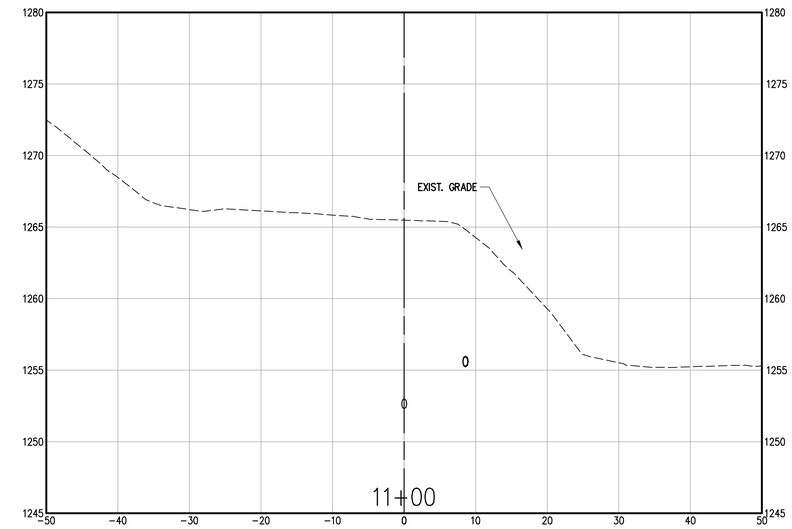

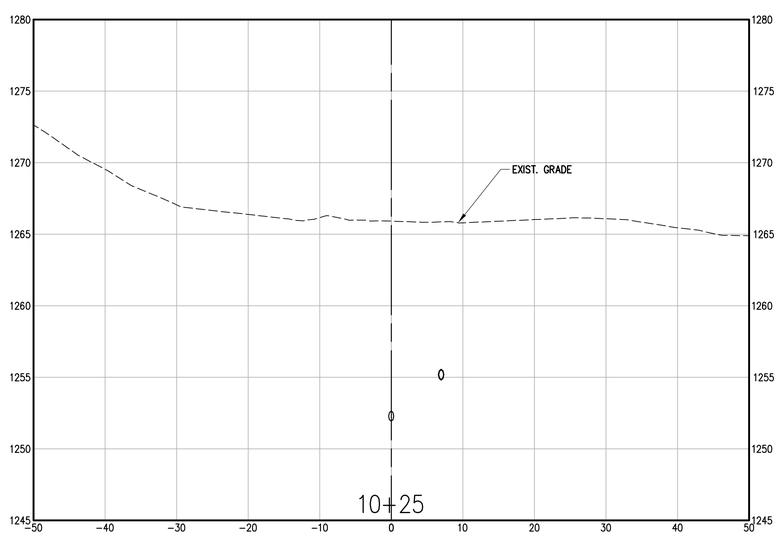

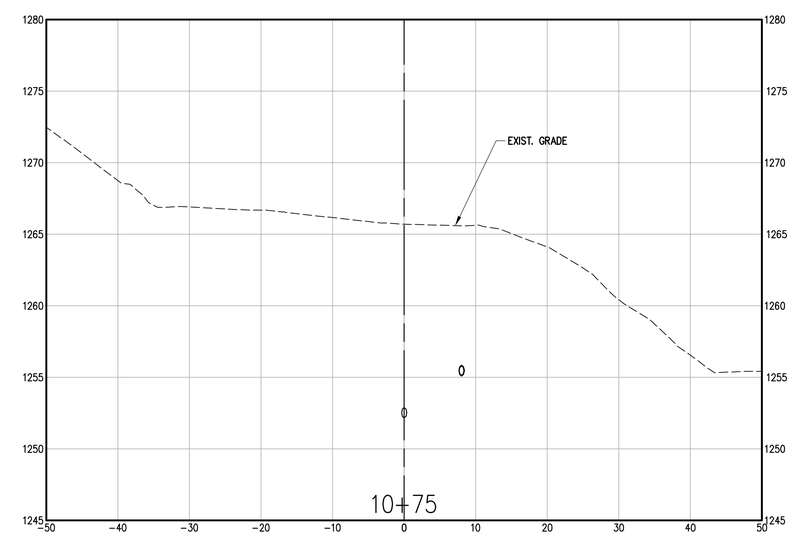

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QC by: M. LOVE
QC Date: 2/06/2024

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SANITARY CONNECTION 2 CROSS SECTIONS

C-835

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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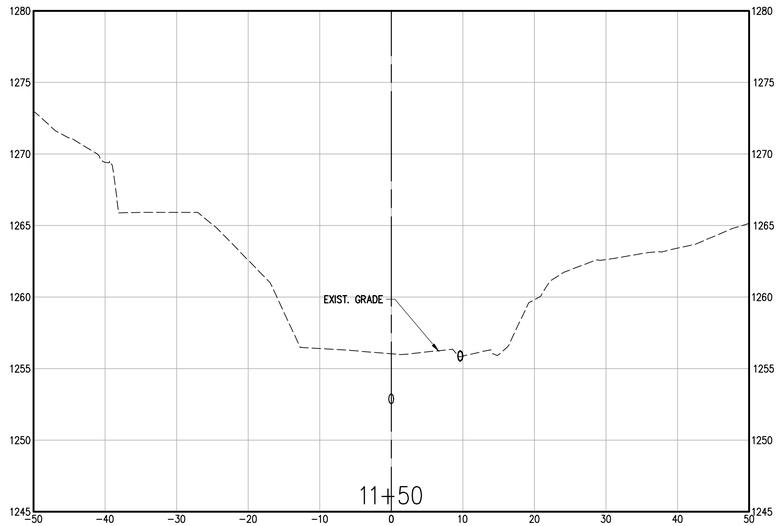

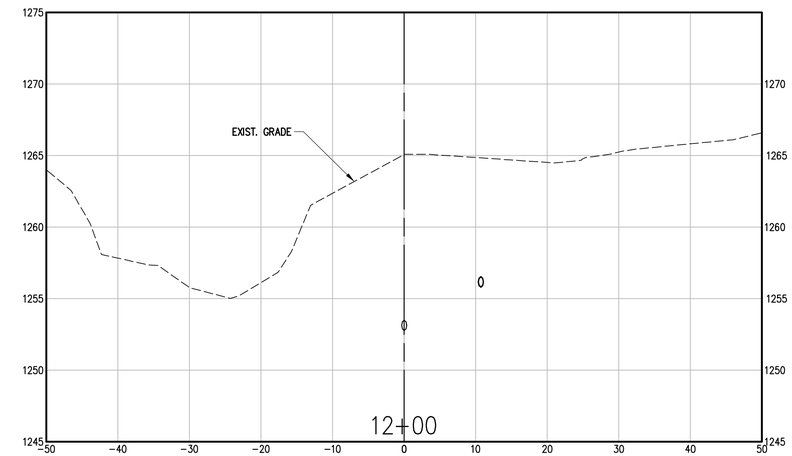

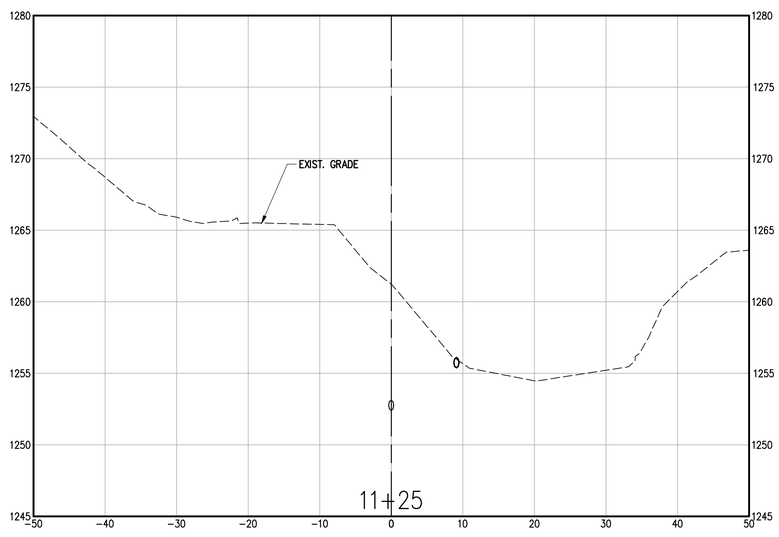

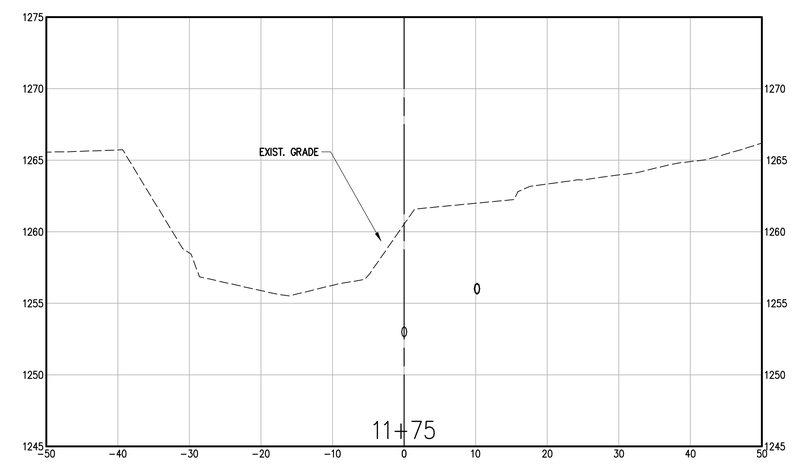

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MAIN CONSTRUCTION

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QC by: M. LOVE
QC Date: 2/06/2024

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SANITARY CONNECTION 2 CROSS SECTIONS

C-836

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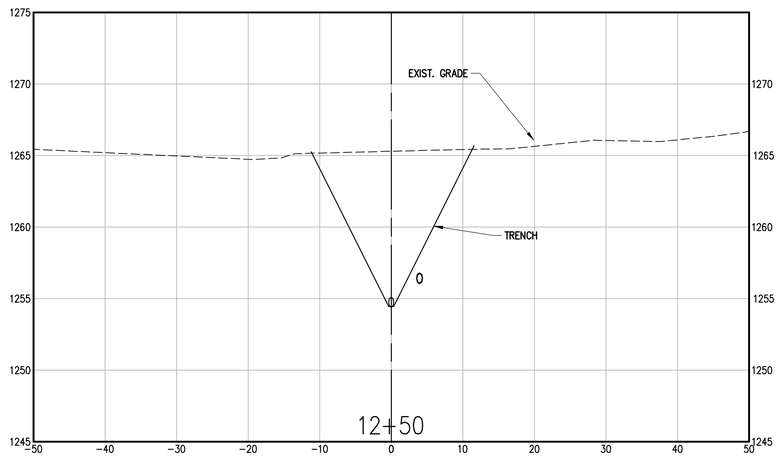

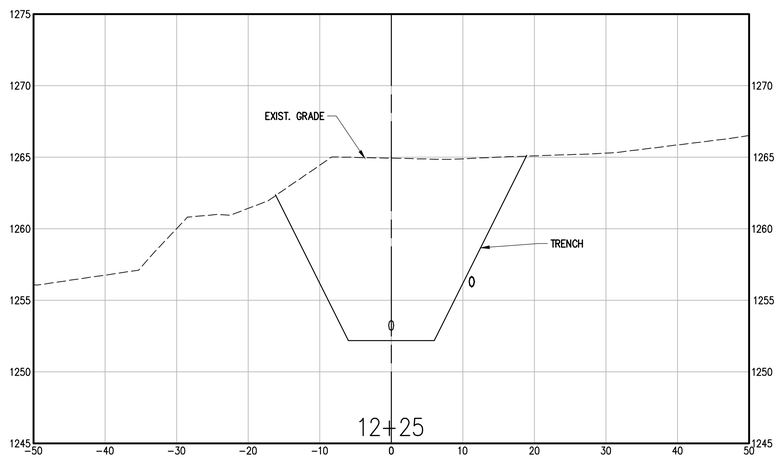

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SANITARY CONNECTION 2 CROSS SECTIONS

C-837

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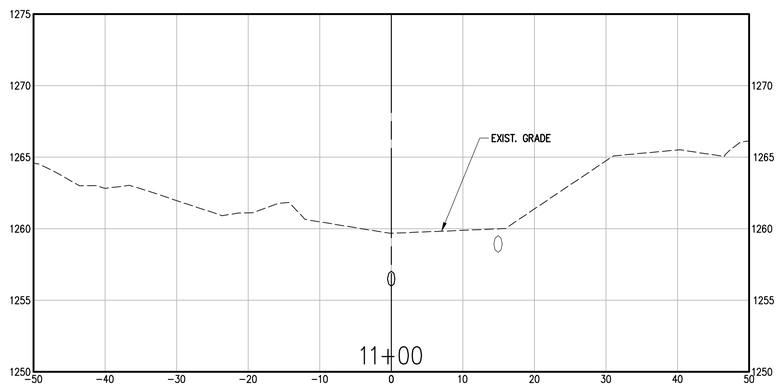

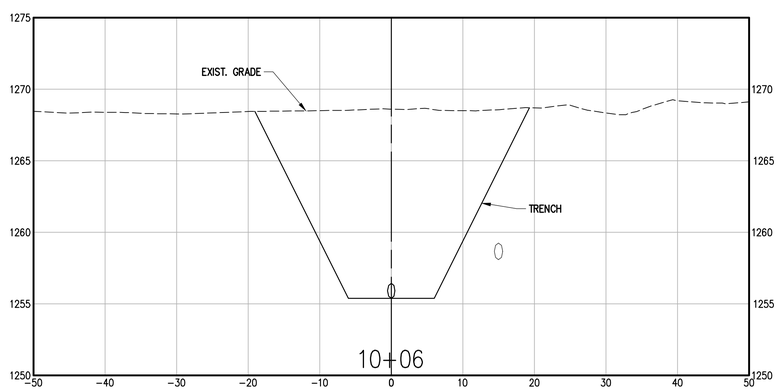

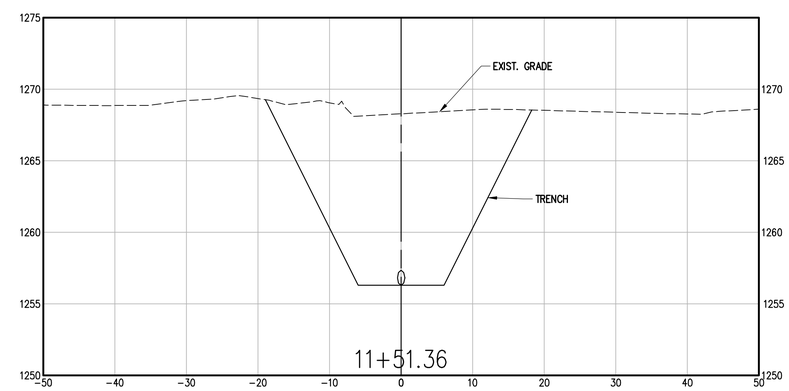

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SANITARY CONNECTION 3 CROSS SECTIONS

C-838

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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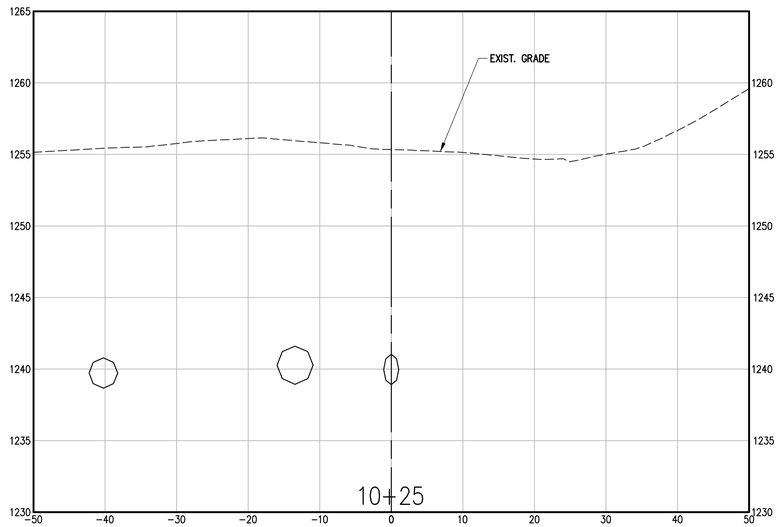

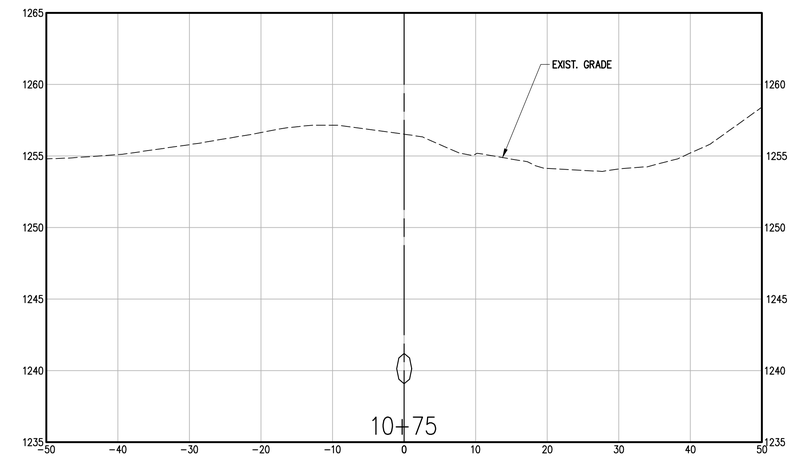

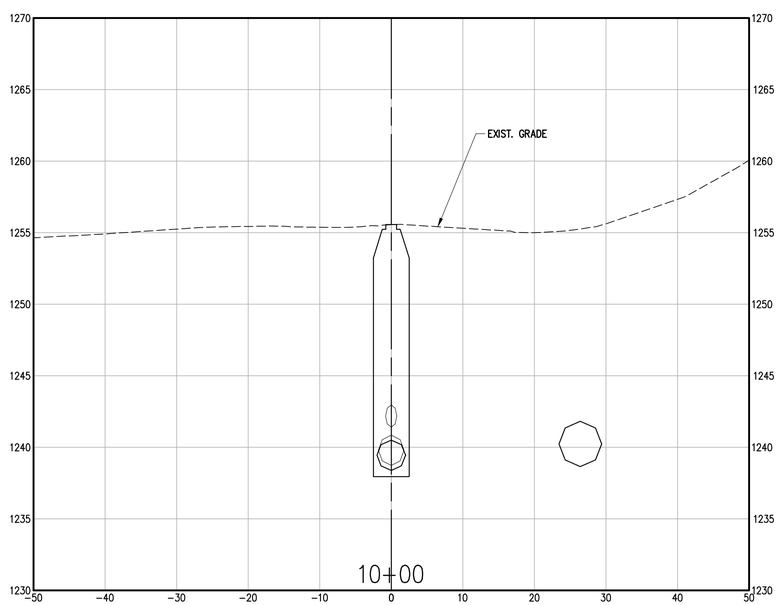

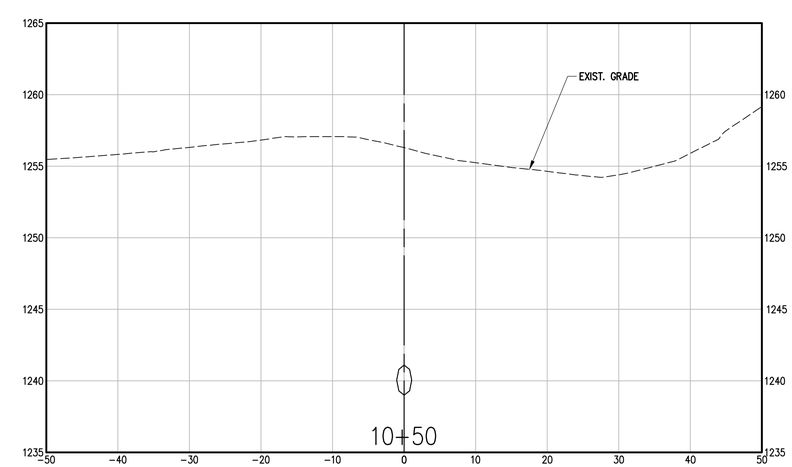

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QC Date: 2/06/2024

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SANITARY CONNECTION 4 CROSS SECTIONS

C-839

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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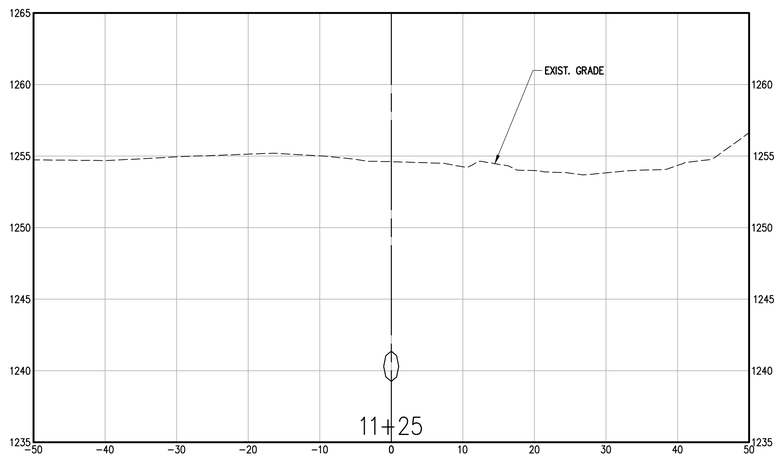

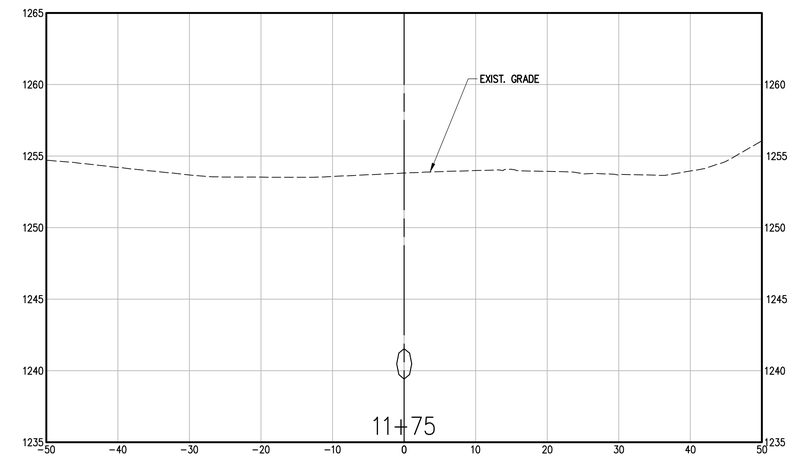

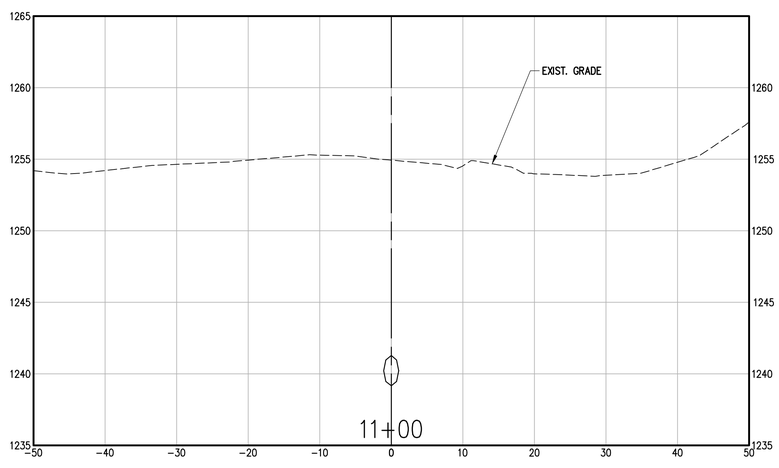

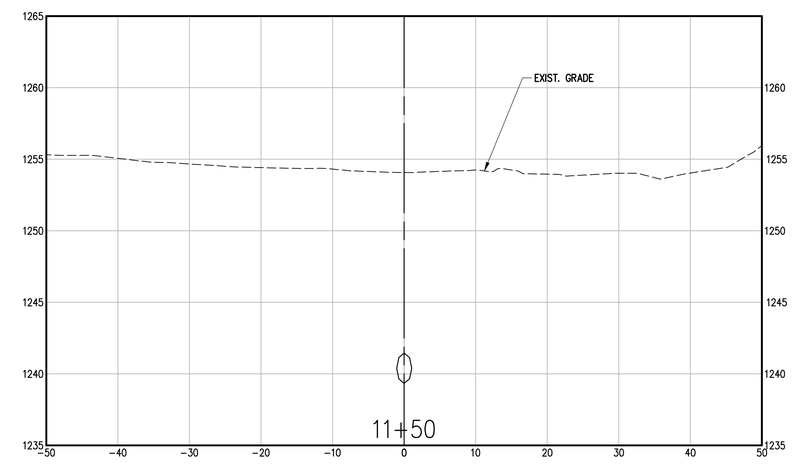

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No. 109
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ROGERS WATER UTILITIES
BLOSSOM WAY SEWER
MAIN CONSTRUCTION

ROGERS, ARKANSAS

Key Plan

No.	Description	Date

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

SANITARY CONNECTION 4 CROSS SECTIONS

C-840

DRAWING: C:\23100300_BLOSSOMWAYINFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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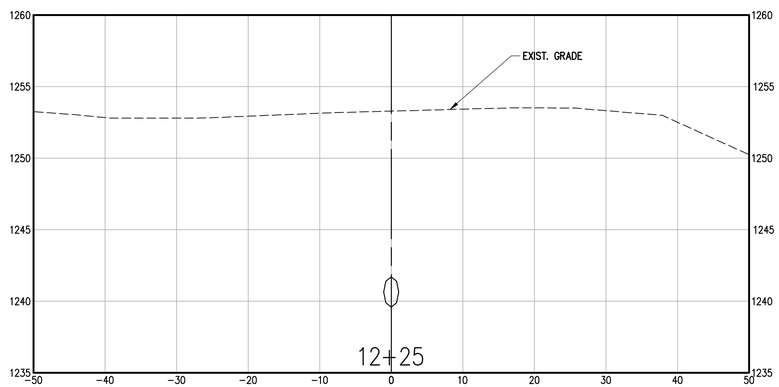

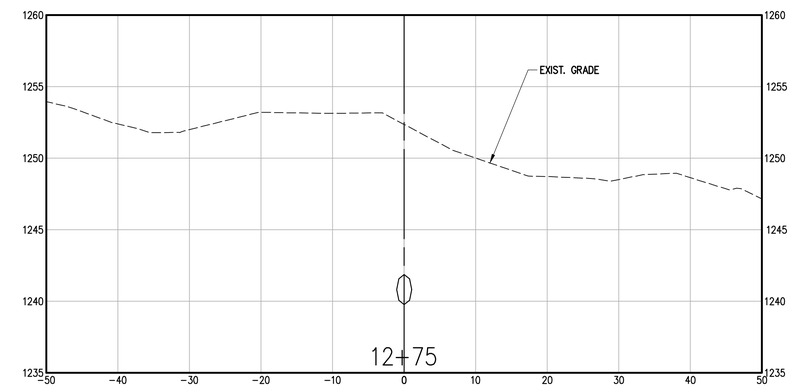

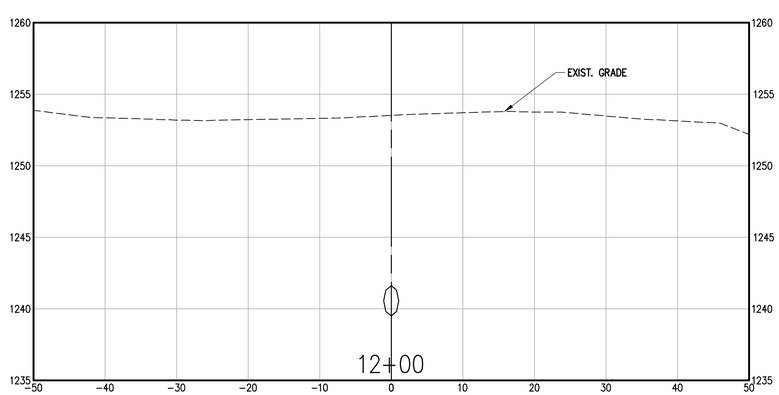

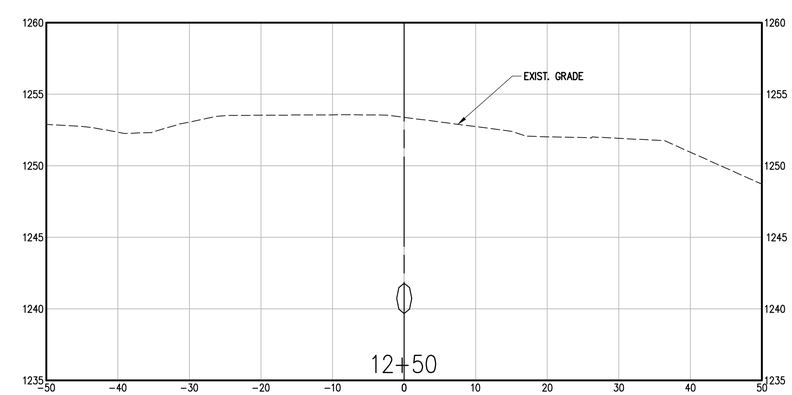

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

ISSUED FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT
9/25/26

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SANITARY CONNECTION 4 CROSS SECTIONS

C-841

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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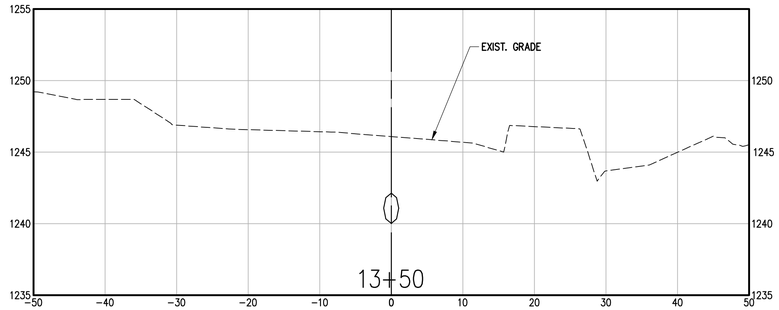

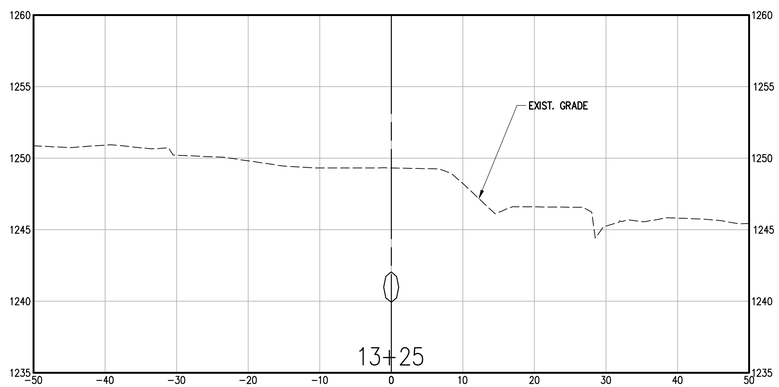

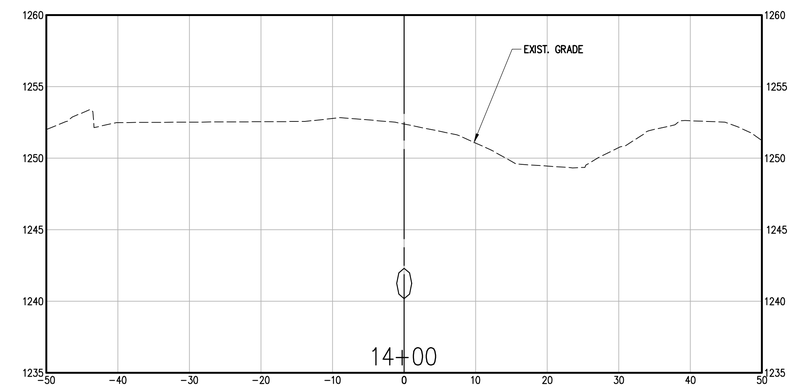

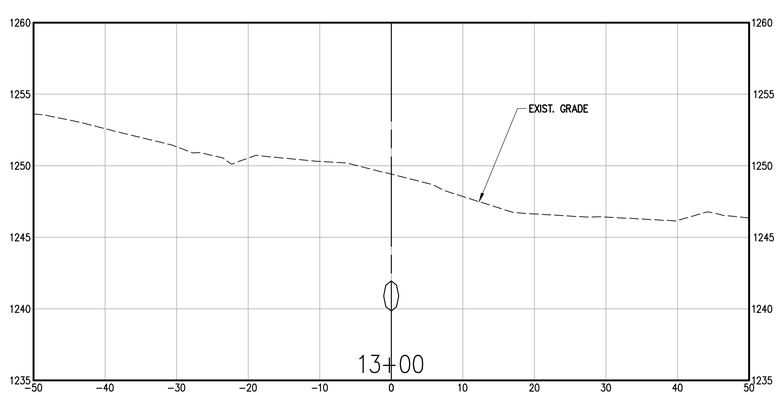

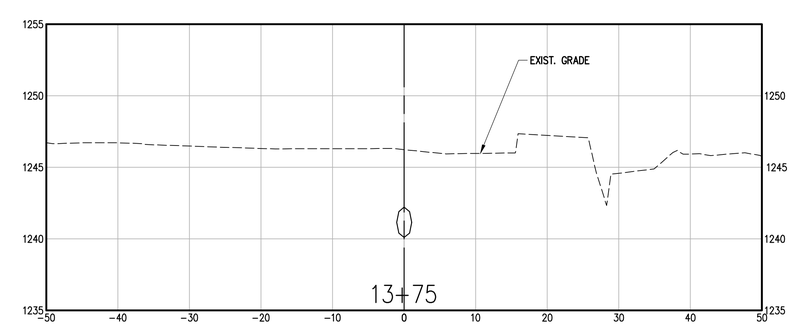

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QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
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WILLIAM C. BURNETT
William C. Burnett
9/25/26

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SANITARY CONNECTION 4 CROSS SECTIONS

C-842

DRAWING: CO-23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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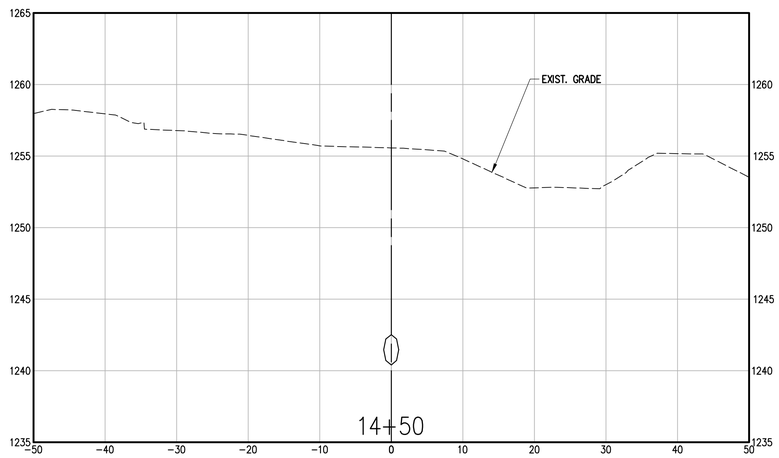

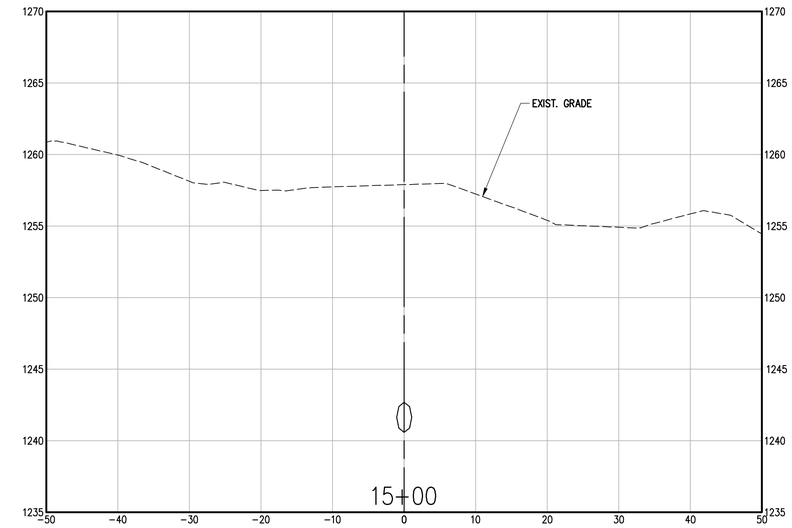

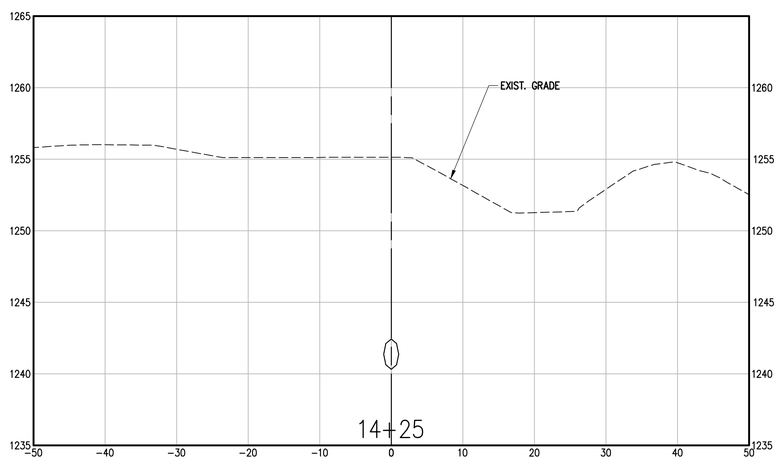

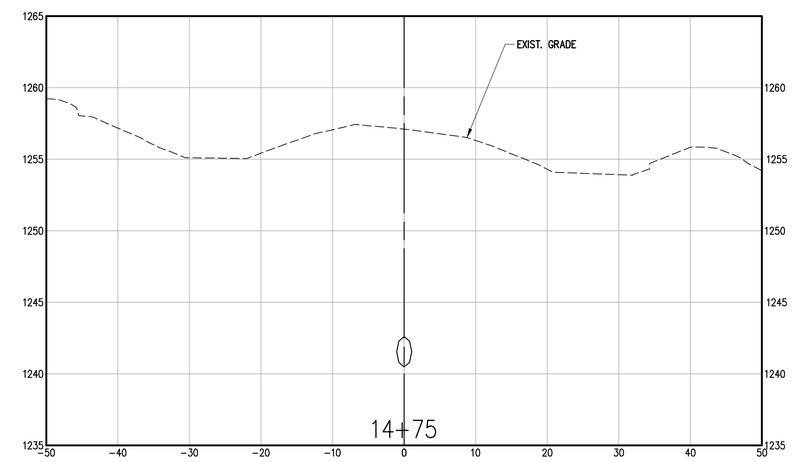

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PROJECT NO: 23100300
ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10208
WILLIAM C. BURNETT

William C. Burnett
9/25/26

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SANITARY CONNECTION 4 CROSS SECTIONS

C-843

DRAWING: G:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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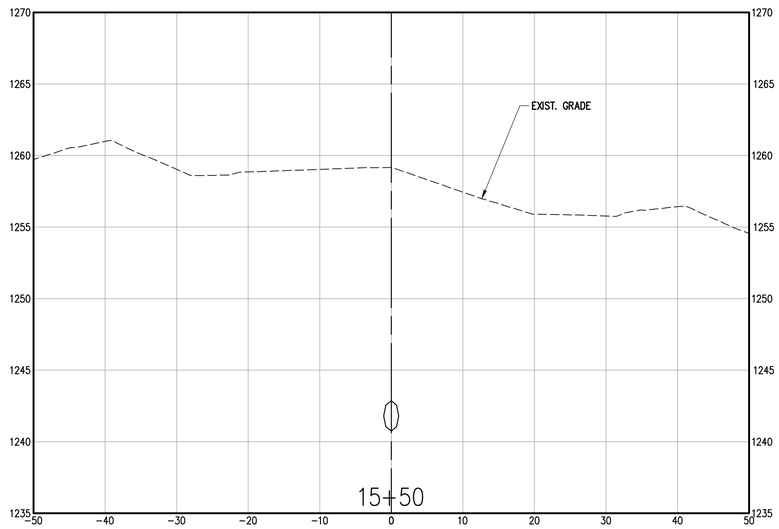

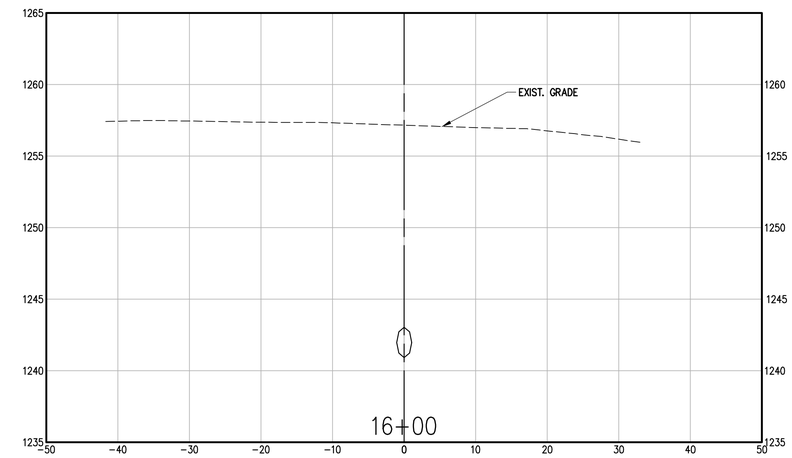

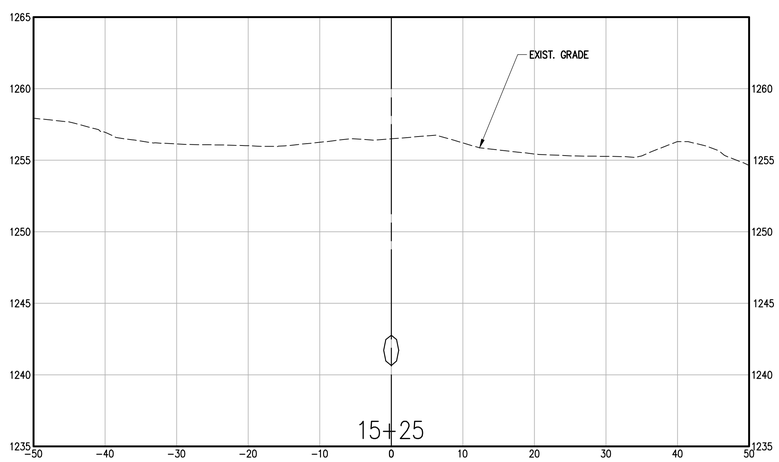

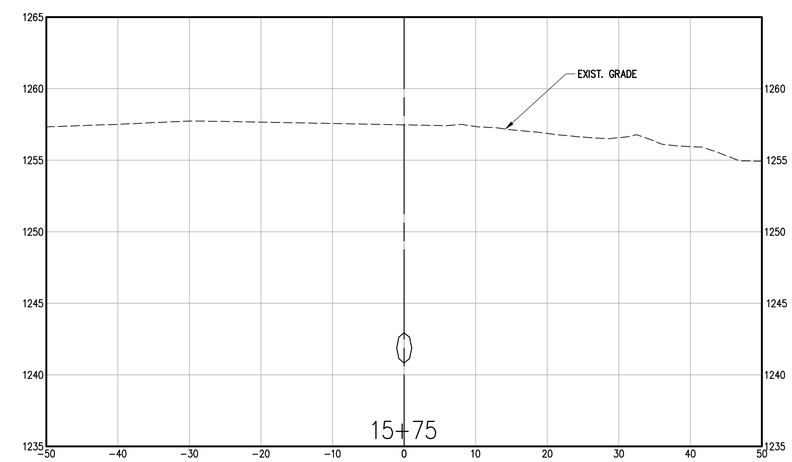

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ISSUE DATE: 09/25/2026
CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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WILLIAM C. BURNETT
9/25/26

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SANITARY CONNECTION 4 CROSS SECTIONS

C-844

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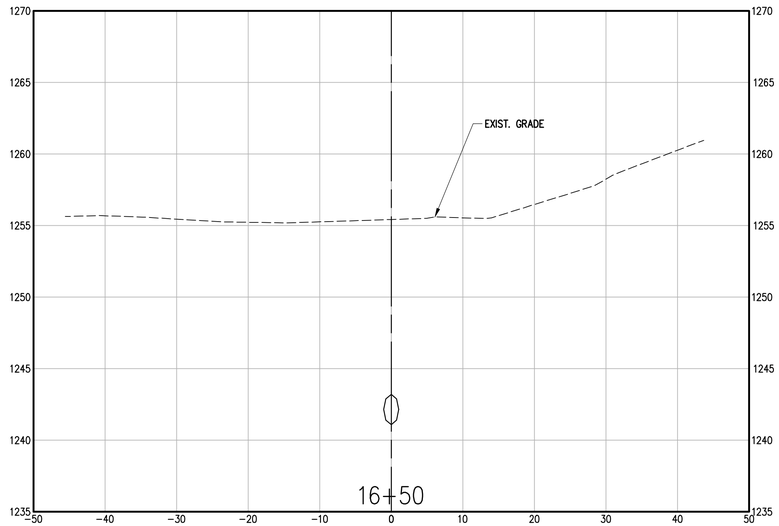

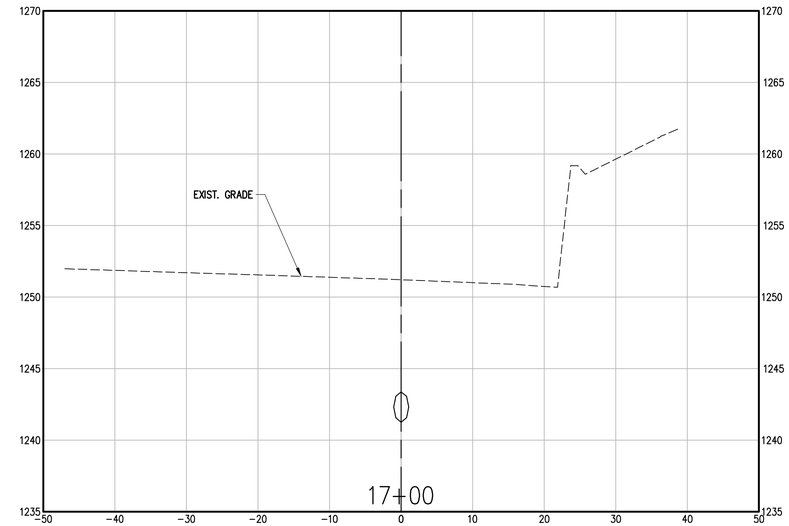

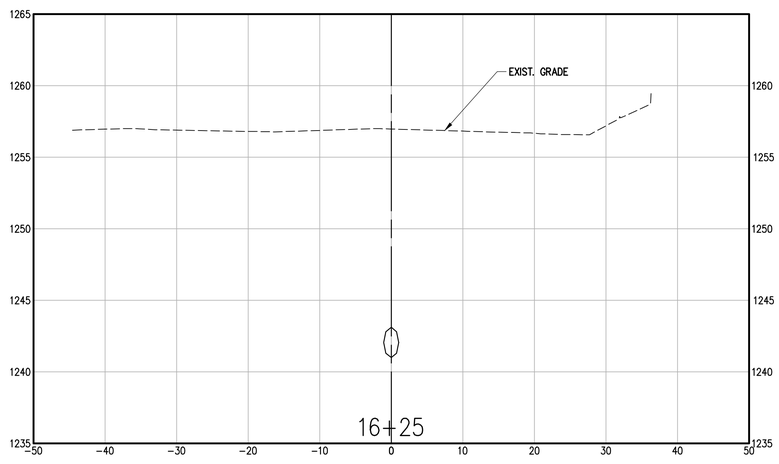

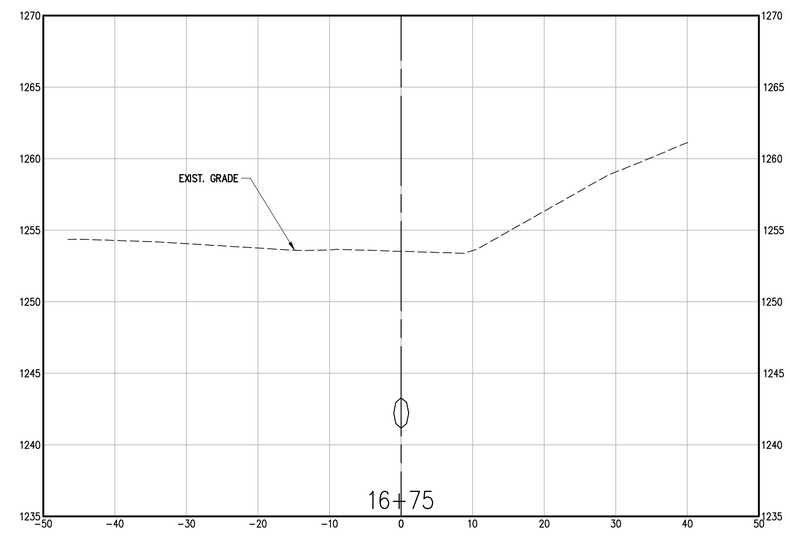

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CONTACT: B. BURNETT
QC by: M. LOVE
QC Date: 2/06/2024

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WILLIAM C. BURNETT
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SANITARY CONNECTION 4 CROSS SECTIONS

C-845

DRAWING: C:\23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
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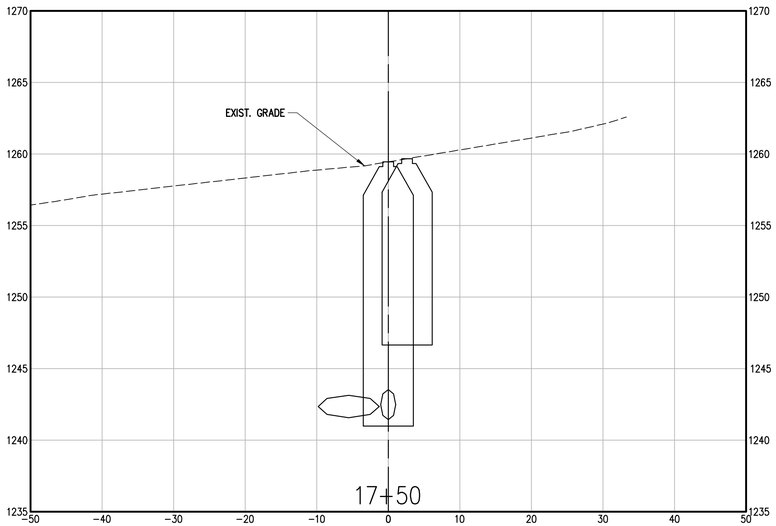

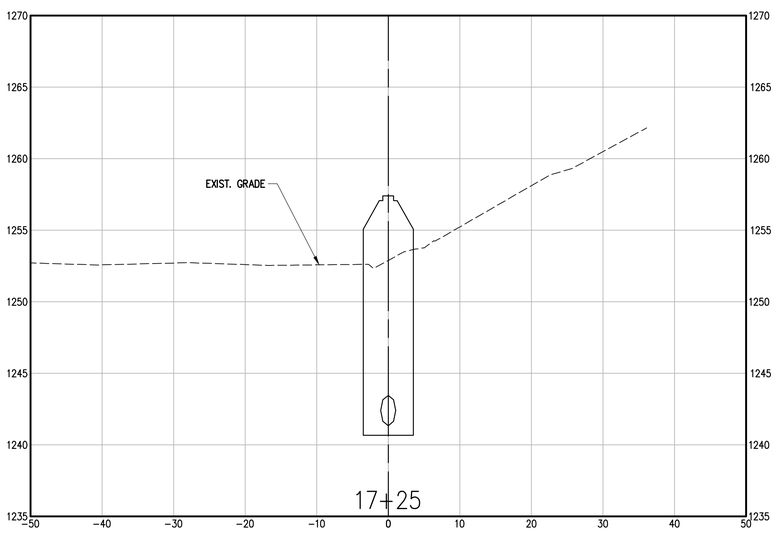

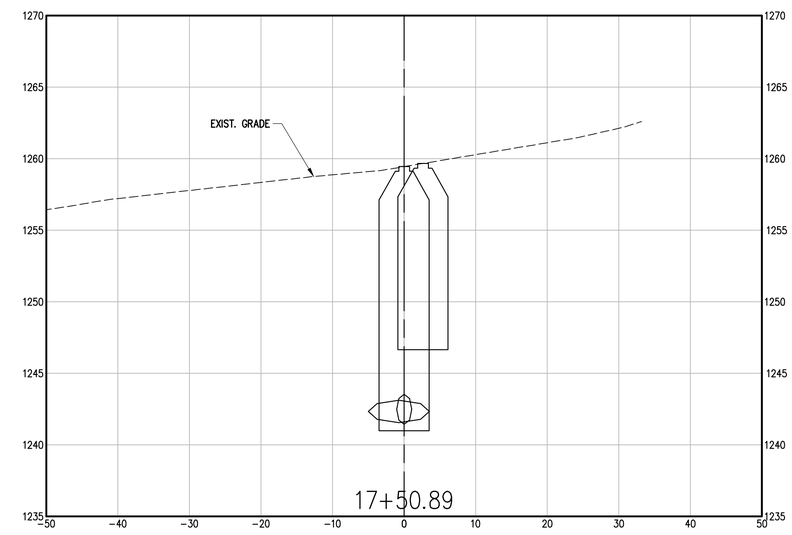

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William C. Burnett
9/25/26

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SANITARY CONNECTION 4 CROSS SECTIONS

C-846

DRAWING: (C-23100300_BLOSSOMWAY\INFRASTRUCTURE\CIVIL\DWG\SECTIONS CONNECTIONS.DWG
LAYOUT: REDCAPTION_2 [B] LAST SAVED: 9/25/2026 11:18:16 AM
PLOTTED BY: BURNETT, BILL LAST SAVED BY: BURNETT, BILL (ON HARD COPY ONLY)