CONTRACT DOCUMENTS For the construction of the

LOWER ROCKY CREEK WRF 42" & 24" GRAVITY SEWER REHABILITATION



Prepared for the

MACON WATER AUTHORITY

VOLUME 2 OF 2 DRAWINGS



GA LIC # PEF000350 (EXP 6/30/2026)

Project No. EEXK1018 AUGUST 2025

- 1. ELEVATIONS ON ALL PLAN SHEETS ARE BASED ON 2019-2020 UNITED STATES GEOLOGICAL SURVEY (USGS) LIDAR: CENTRAL GEORGIA, REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), HORIZONTAL NORTH AMERICAN DATUM OF 1983 (NAD 83), AND PROJECTED COORDINATE SYSTEM NAD 1983 (2011) STATEPLANE GEORGIA WEST (US FEET). CONTRACTOR TO VERIFY ALL ELEVATIONS. IMAGERY IS FROM THE ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE (ESRI) WORLD IMAGERY DATA SET.
- 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 3. THE ENGINEER MAY DIRECT THE CONTRACTOR TO VARY THE PROPOSED WORK DURING CONSTRUCTION TO ADDRESS EXISTING CONDITIONS
- 4. THE CONTRACTOR IS HEREBY ADVISED THAT ALL LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND UTILITY HOUSE SERVICES ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN. LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS AS REPRESENTED BY UTILITY DRAWINGS. THEREFORE, THEIR ACTUAL LOCATIONS MAY VARY. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR SHALL MAKE EXAMINATIONS IN THE FIELD BY VARIOUS AVAILABLE METHODS AND SHALL OBTAIN INFORMATION FROM UTILITY COMPANIES AND INDIVIDUALS AS TO THE LOCATION OF ALL SUB-SURFACE STRUCTURES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR EXCAVATE IN ANY AREA PRIOR TO UTILITY CLEARANCE BEING OBTAINED.
- 5. "CALL BEFORE YOU DIG": CONTRACTOR SHALL CONTACT GEORGIA 811 AT LEAST THREE (3) BUSINESS DAYS PRIOR TO BEGINNING EXCAVATION TO ENSURE THAT ALL UNDERGROUND UTILITIES ARE PROPERLY MARKED.
- 5. THE LOCATION, SIZE, AND MATERIAL OF EXISTING PIPES, DUCTS, CONDUITS AND OTHER UNDERGROUND STRUCTURES AND THE LOCATION OF PROPERTY LINES SHOWN ON THESE PLANS ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL ARE SHOWN. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR.
- 7. STORM, SANITARY, WATER, GAS, TELEPHONE, CABLE, ELECTRICAL SERVICES, FIBER OPTIC COMMUNICATIONS, OVERHEAD UTILITIES AND OTHER UTILITY SERVICES TO BUILDINGS ARE NOT ALL SHOWN. UTILITY SERVICES TO BUILDINGS THAT ARE SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL ARE SHOWN. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL ASSUME THAT EACH PROPERTY WILL HAVE SERVICE CONNECTIONS FOR THE VARIOUS UTILITIES. ALL SERVICES AND UTILITIES SHALL BE PROTECTED FROM DAMAGE AND SHALL BE RECONNECTED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO SAFETY ISSUES RELATED TO ELECTRICAL FACILITIES, BOTH OVERHEAD AND UNDERGROUND.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORT AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES, AS WELL ANY REPAIR AND/OR REPLACEMENT COSTS OF UTILITIES DAMAGED DURING CONSTRUCTION WHETHER ABOVE OR BELOW GRADE.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL UTILITY RELOCATION WORK. CLAIMS FOR EXTRAS WILL NOT BE ALLOWED FOR DELAY OF WORK DUE TO UTILITY COMPANY COORDINATION OR UTILITY RELOCATION WORK
- 10. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER OF ANY SUBSURFACE UTILITY OR OTHER PIPE NOT SHOWN ON THE DRAWINGS THAT IS ENCOUNTERED DURING CONSTRUCTION.
- 11. THIS CONTRACT REQUIRES WORKING IN SEWER INFRASTRUCTURE. CONTRACTOR AND THEIR PERSONNEL SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REQUIREMENTS FOR SAFETY WHEN IN CONFINED SPACES. ALSO REFER TO RECOMMENDATIONS IN THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH PUBLICATION NO. 80-106, "WORKING IN CONFINED SPACES".
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BYPASS PUMPING SYSTEM AND MAINTAINING EXISTING FLOWS IN EXISTING SANITARY SEWERS, SEWER SERVICE LATERALS, STORM DRAINAGE SYSTEMS, AND FOR OBTAINING ALL PERMITS.
- 13. ALL DEWATERING SHALL BE DIRECTED TO COMBINED OR SANITARY SEWERS AT LOCATIONS AS APPROVED BY THE OWNER. DO NOT DISCHARGE GROUND WATER TO STORM DRAINS. ALL DEWATERING ACTIVITIES SHALL COMPLY WITH THE TECHNICAL SPECIFICATIONS AND LOCAL REGULATIONS. THE CONTRACTOR SHALL NOT COMMENCE DEWATERING DISCHARGE WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE ENGINEER OR OWNER, AS SPECIFIED.
- 14. SILT SACKS SHALL BE PLACED AROUND ALL CATCH BASINS SUBJECT TO RUNOFF FROM CONSTRUCTION AREAS.
- 15. AT CONNECTION BETWEEN EXISTING AND NEW PIPES, SLEEVES, NIPPLES AND ACCESSORIES NECESSARY FOR MAKING CONNECTIONS MAY NOT BE SHOWN IN THE DETAILS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS AS NECESSARY FOR CONNECTING TO EXISTING PIPES AND AS INDICATED IN THE SPECIFICATIONS.
- 16. COSTS ASSOCIATED WITH REMOVAL & REPLACEMENT OF MANHOLE FRAME AND COVER, GRADE RINGS WHEN REQUIRED, INCLUDING RESTORATION, ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- 17. THE CONTRACTOR IS RESPONSIBLE FOR ALL ACCESS REQUIRED ON THE PROJECT.
- 18. ALL SPECIFICATIONS, DRAWINGS, AND DETAILS INCLUDED IN THE CONTRACT DOCUMENTS SHALL FULLY APPLY TO THE WORK WHETHER SPECIFICALLY REFERENCED OR NOT.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL STATE, LOCAL AND GDOT REQUIREMENTS FOR ALL TRAFFIC CONTROL ACTIVITIES. NO ADDITIONAL PAYMENT WILL BE MADE FOR THESE ACTIVITIES. COSTS ASSOCIATED WITH TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL TO OTHER BID ITEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL PERMITS AND ANY APPLICABLE WORK ZONE PERMIT REQUIREMENTS PER MACON WATER AUTHORITY (MWA) OR SURROUNDING AUTHORITIES.
- 20. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL MANHOLES AND SEWER LINES.
- 21. CONTRACTOR IS RESPONSIBLE TO PROVIDE AND MAINTAIN ADEQUATE DEWATERING AND GROUNDWATER CONTROL
- 22. CONTRACTOR SHALL COORDINATE WITH MWA FOR ACCESS TO HYDRANTS FOR POTABLE WATER. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS AND PAYING FOR ALL FEES AND COST OF USAGE.
- 23. CONTRACTOR SHALL COMPLY WITH OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.
- 24. PRIOR TO BEGINNING WORK, CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
- 25. CONTRACTOR IS RESPONSIBLE FOR OBTAINING WRITTEN AGREEMENTS FROM LAND OWNERS OF PROPERTY THAT WILL BE USED FOR EQUIPMENT OR MATERIAL STORAGE AND STAGING. PROVIDE THE OWNER WITH A COPY OF THESE WRITTEN AGREEMENTS.
- CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS DESCRIBED IN THE PERMITS CONTAINED IN THE SPECIFICATIONS.

GENERAL NOTES

- 27. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL TEMPORARY CONSTRUCTION EASEMENTS AS REQUIRED FOR THE PROJECT WORK.
- 28. IF AN UNDOCUMENTED STREAM OR OTHER WATER FEATURE IS ENCOUNTERED DURING PROJECT CONSTRUCTION, THE CONTRACTOR SHALL USE ANY APPLICABLE BMP.
- 29. CONTRACTOR SHALL LOCATE AND INSPECT MANHOLES PRIOR TO REHABILITATION. ENGINEER SHALL BE NOTIFIED OF ANY DROP MANHOLES PRIOR TO CONTRACTOR ORDERING MATERIALS.
- 30. CONTRACTOR IS RESPONSIBLE TO CONTROL STYRENE ODORS IN ACCORDANCE WITH NIOSH AND NOSH REGULATIONS DURING CURED-IN-PLACE PIPE INSTALLATION. SEE SPECIFICATION 33 01 30.70 FOR SPECIFIC ODOR CONTROL AND AIR QUALITY CONTROL MEASURES.
- 31. THE CONTRACTOR SHALL HOLD MWA HARMLESS FOR ANY THIRD-PARTY INCONVENIENCE CREATED BY WORK OF HIS OWN FORCES OR THAT OF HIS AGENTS. ANY DAMAGES INCURRED SHALL BE THE CONTRACTOR'S FINANCIAL RESPONSIBILITY.
- 32. ANY POINT REPAIRS SHALL BE COMPLETED PRIOR TO INSTALLATION OF CURED-IN-PLACE PIPE LINING.
- 33. ALL EXISTING SEWER SERVICE LATERALS ARE TO BE REINSTATED AFTER MAINLINE REHABILITATION UNLESS CONFIRMED BY OWNER TO BE ABANDONED.
- 34. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING LATERAL LOCATIONS PRIOR TO INSTALLATION OF CURED-IN-PLACE PIPE LINING.
- 35. LINING OF LATERALS IS NOT INCLUDED IN THIS CONTRACT. LATERALS DAMAGED BY CONTRACTOR DURING THE LATERAL RECONNECTION PROCESS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. DETERMINATION SHALL BE MADE BY ENGINEER UPON REVIEW OF POST-INSTALLATION CCTV INSPECTION IF THE LATERAL IS DAMAGED.
- 36. PRE AND POST CCTV INSPECTION IS REQUIRED FOR ALL SANITARY SEWERS RECEIVING POINT REPAIRS OR CIPP LINING.
- 37. CONTRACTOR SHALL COORDINATE WITH MWA PLANT STAFF ON FLOW DISRUPTIONS, DISCHARGES, AND ANY OTHER WORK THAT MAY AFFECT PLANT OPERATIONS.
- 38. BYPASS PUMPS SHALL BE CAPABLE OF PASSING SOLIDS AND OTHER MATERIALS TYPICALLY FOUND IN WASTEWATER FLOWS.
- 39. THE REQUIRED DISTANCE OF PUMPING AND ELEVATION HEAD IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUFFICIENT TO ALLOW THE WORK TO BE COMPLETD FOR EACH SEWER MAIN TO BE LINED.
- 40. BYPASS PUMPING HOSE SHALL BE LOCATED IN SUCH A MANNER THAT IT CAUSES THE LEAST DISRUPTION TO TRAFFIC AND DRIVEWAY ACCESS.

SURFACE RESTORATION GENERAL NOTES

- 1. STONE WALLS, FENCES, MAIL BOXES, SIGNS, CURBING, SIDEWALKS, SIDEWALK RAMPS, STAIRS, WALKWAYS, LIGHT POLES, ETC. SHALL BE SUPPORTED OR REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT, AT NO ADDITIONAL COST TO THE OWNER.
- 2. COORDINATE THE ADJUSTMENT OF ALL EXISTING UTILITIES WITH EACH RESPONSIBLE OWNER PRIOR TO RECONSTRUCTION AND/OR PAVING OPERATIONS. ALL STRUCTURES SHALL BE RAISED TO FINISH GRADES PRIOR TO THE END OF THE CONSTRUCTION SEASON AND PRIOR TO FINISHING PAVING, AS DIRECTED BY THE ENGINEER.
- 3. ALL PAVEMENT DISTURBED OR DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED MATCHING EXISTING DEPTHS AND IN ACCORDANCE WITH THE SPECIFICATIONS AND PER CT DOT GUIDELINES.
- 4. TRAFFIC LOOP DETECTORS SHALL NOT BE REMOVED OR DAMAGED WITHOUT APPROVAL OF THE OWNER. IF EXISTING MAGNETIC OR TRAFFIC LOOP DETECTORS ARE DAMAGED IN THE COURSE OF EXCAVATION, THE OWNER SHALL BE NOTIFIED. ANY DAMAGED TRAFFIC LOOP DETECTORS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- 5. CONTRACTOR WILL MAINTAIN AND/OR PROVIDE OSHA SAFE PEDESTRIAN WALKWAYS IN ALL DISTURBED AREAS DURING CONSTRUCTION. PEDESTRIAN TRAFFIC SHALL BE ACCOMMODATED WHERE A SIDEWALK IS TO BE CLOSED FOR
- 6. THE CONTRACTOR SHALL TRANSFER ALL TEMPORARY BENCHMARKS AS NECESSARY.
- 7. SIDEWALK AND RAMP RESTORATION TO INCLUDE RESTORATION BACK TO EXISTING CONDITIONS PRIOR TO CONSTRUCTION WITH RESPECT TO DEPTH, WIDTH AND MATERIALS. TRENCH BACKFILL UNDER ROADWAYS AND WALKWAYS SHALL BE BASED ON THE STANDARD SPECIFICATIONS AND PER GDOT GUIDELINES
- 8. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL WASTE MATERIALS NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK AND AS REQUIRED BY THE OWNER. CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.
- 9. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND PAYMENT LIMITS SHALL BE RESTORED TO ORIGINAL CONDITIONS AT NO COST TO THE OWNER, UNLESS OTHERWISE APPROVED BY THE OWNER.

EROSION AND SEDIMENTATION CONTROL NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION PER THE CONTRACT SPECIFICATIONS AND STANDARD DETAILS.
- 2. EROSION CONTROL DEVICES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER OR THE MWA PROJECT REPRESENTATIVE.

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SHEET NUMBER	PAGE NUMBER	SHEET TITLE
C-000	1	COVER SHEET
C-001	2	SYMBOLS, ABBREVIATIONS, AND NOTES
C-002	3	KEY MAP
C-201	4	ROCKY CREEK 0+00 TO 27+50
C-202	5	ROCKY CREEK 27+50 TO 54+50
C-203	6	ROCKY CREEK 54+50 TO 81+50
C-204	7	ROCKY CREEK 81+50 TO 108+50
C-205	8	ROCKY CREEK 108+50 TO 135+50
C-206	9	ROCKY CREEK 135+50 TO 162+50
C-207	10	ROCKY CREEK 162+50 TO 181+14
C-211	11	EDNA PLACE 200+00 TO 204+13
C-212	12	EDNA PLACE 300+00 TO 310+50
C-213	13	EDNA PLACE 310+50 TO 320+50
C-214	14	EDNA PLACE 320+50 TO 325+07
C-221	15	SHURLING DRIVE 400+00 TO 403+07
C-501	16	MANHOLE SCHEDULE
C-502	17	PIPE SCHEDULE
C-503	18	STANDARD DETAILS
C-504	19	STANDARD DETAILS

SANITARY SEWER LEGEND & ABBREVIATIONS

PROPERTY LINE
SANITARY SEWER RIGHT OF WAY
SANITARY SEWER (CIPP REHAB)
SANITARY SEWER
CREEK
MAJOR CONTOUR
MINOR CONTOUR
FP FEMA 100-YR FLOODPLAIN
MATCHLINE
MANHOLE RECEIVING WORK
MANHOLE
DIVERSION VAULT
CNL CANNOT LOCATE

CURED IN PLACE PIPE

WATER RECLAMATION FACILITY

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SYMBOLS, ABBREVIATIONS
AND NOTES

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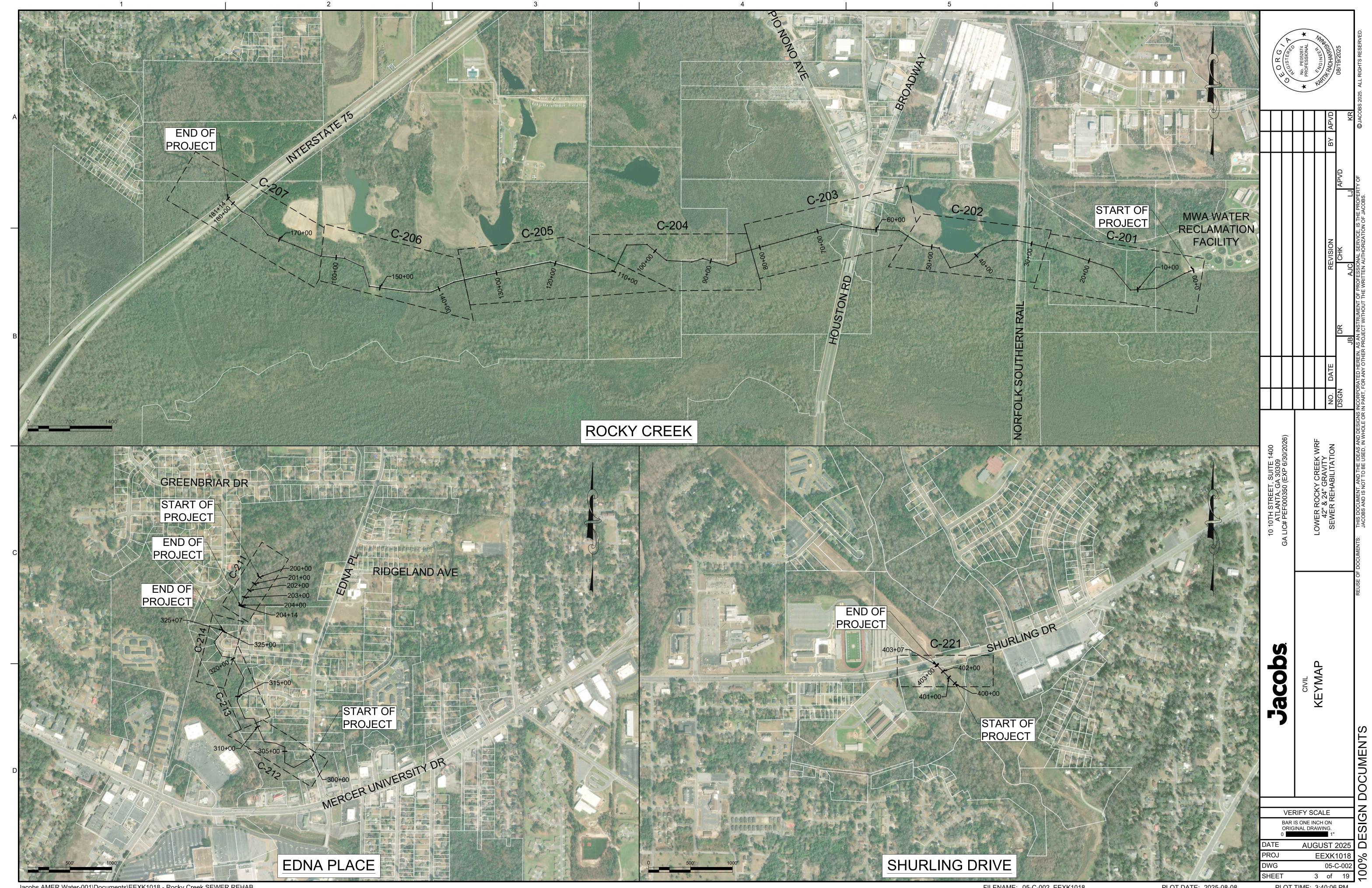
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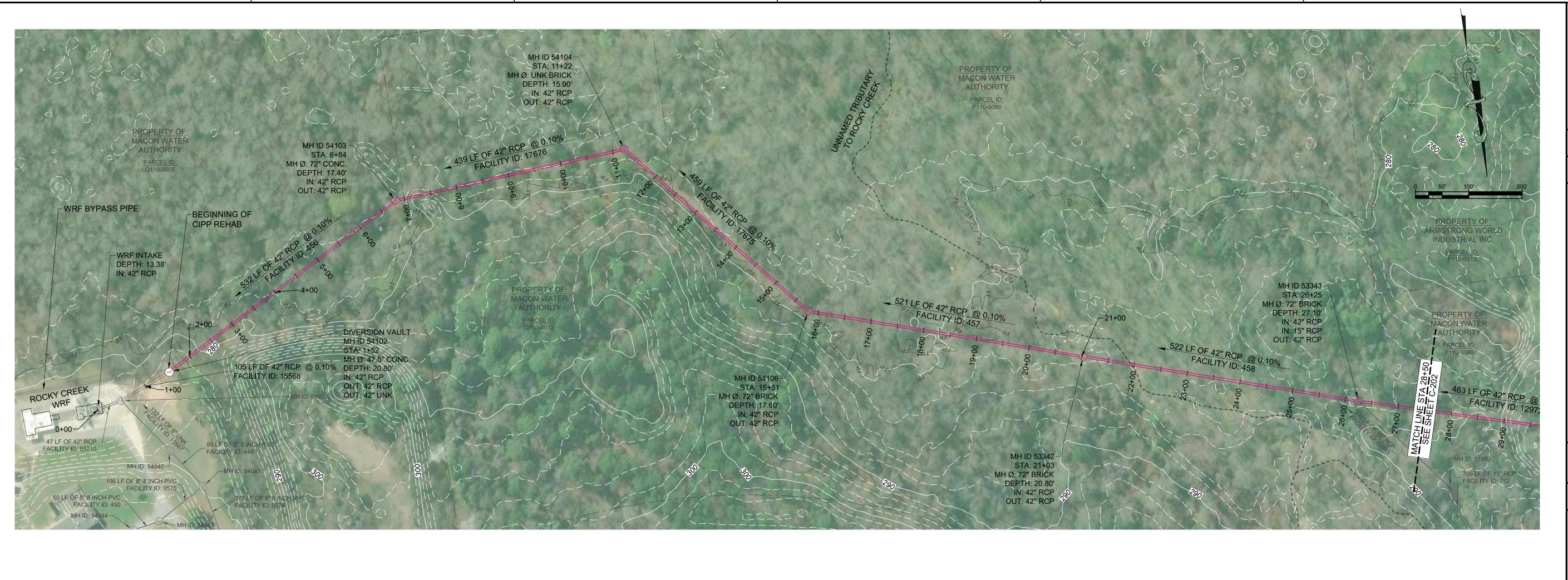
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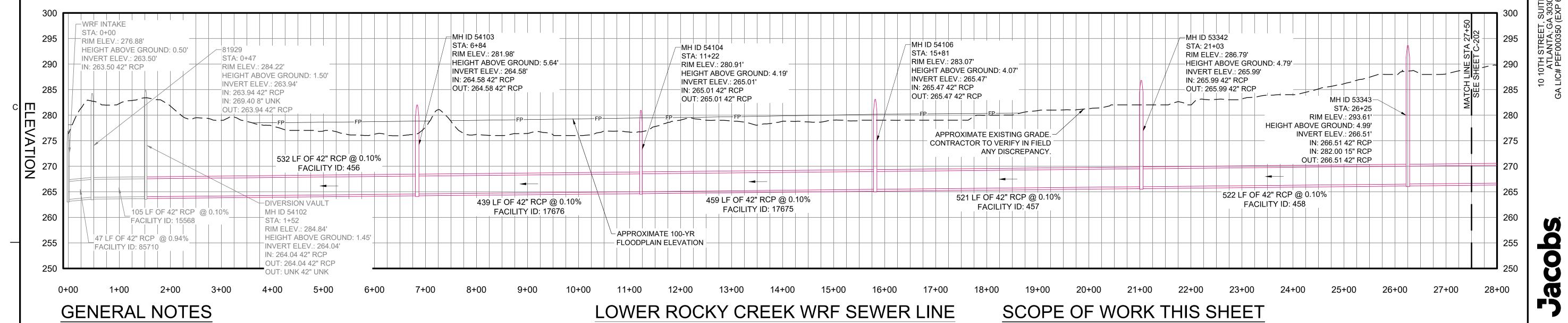
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 CONTRACTOR SHALL VERIFY ALL MANHOLE INVERTS, PIPE DIAMETERS, LATERAL CONNECTIONS, AND POINT REPAIR
- LOCATIONS PRIOR TO CONSTRUCTION.

 5. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE LOCAL EROSION CONTROL MEASURES AND ANY REQUIRED PERMIT FOR ANY ACTIVITIES. ANY MEASURE PROVIDED SHALL BE REMOVED AND RESTORED TO ANY EXISTING CONDITIONS AT
- THE CONTRACTOR'S EXPENSE.

 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

SCALE - HORZ. 1" = 100' VERT. 1" = 10'

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 1+52 AND CONTINUES TO STA 27+50. THE DIVERSION VAULT SHALL BE LINED WITH SEWPERCOAT ®.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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LOWER ROCKY CREEK WRF
42" & 24" GRAVITY
SEWER REHABILITATION

CREEK SEWER LINE TO 27+50 AND PROFILE

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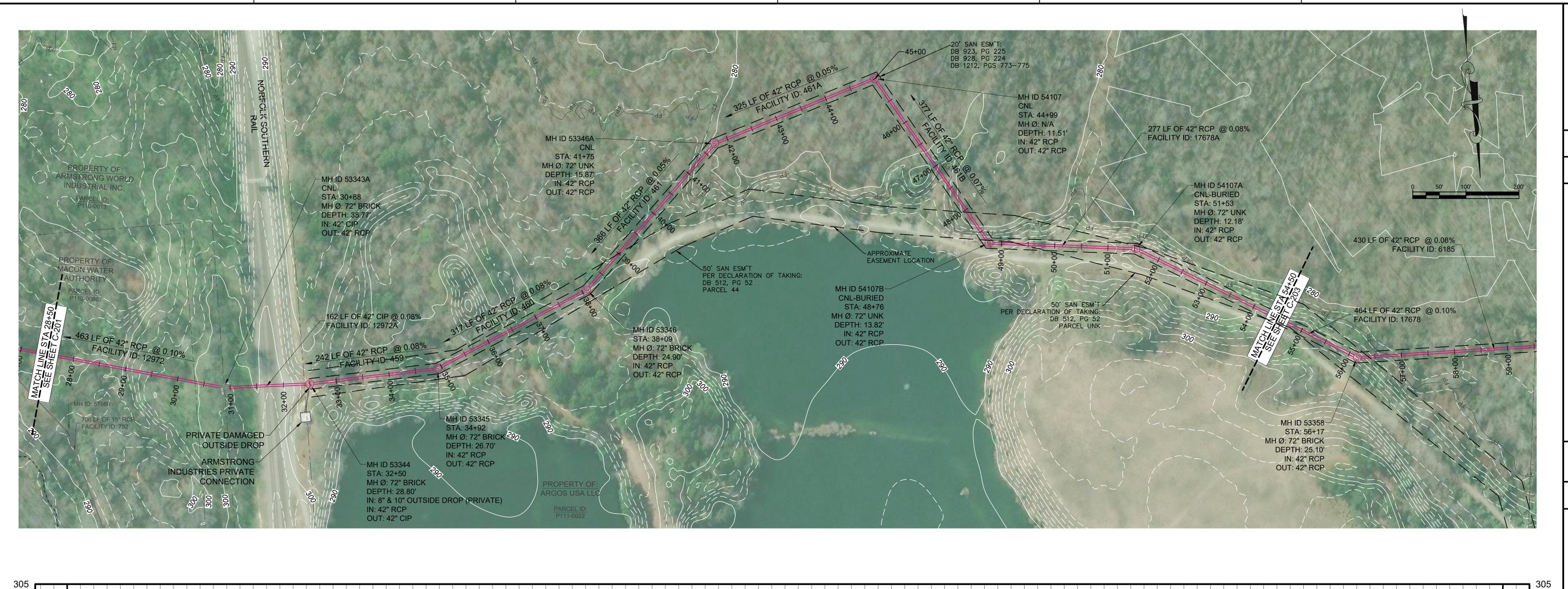
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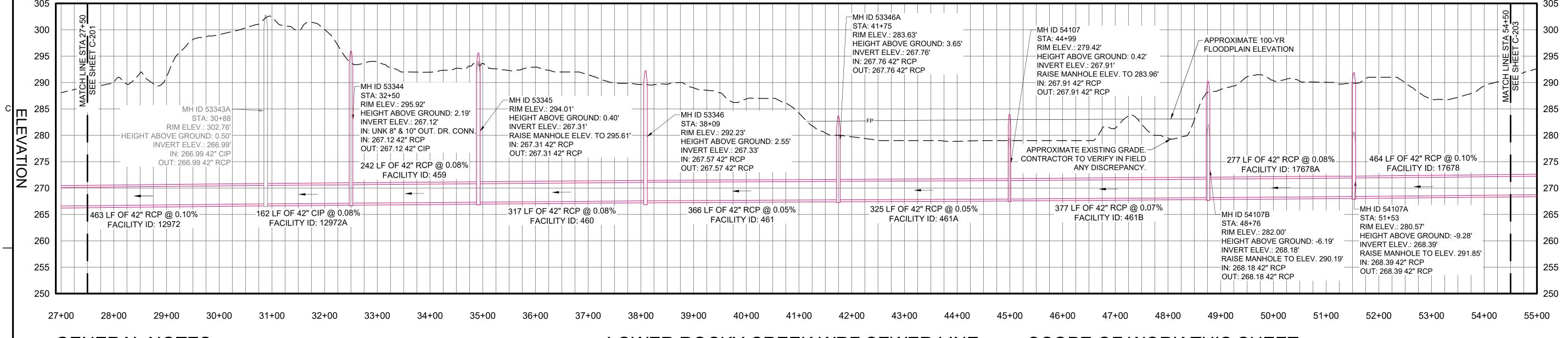
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- 4. CONTRACTOR SHALL VERIFY ALL MANHOLE INVERTS, PIPE DIAMETERS, LATERAL CONNECTIONS, AND POINT REPAIR LOCATIONS PRIOR TO CONSTRUCTION
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- 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

LOWER ROCKY CREEK WRF SEWER LINE

SCALE - HORZ. 1" = 100' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

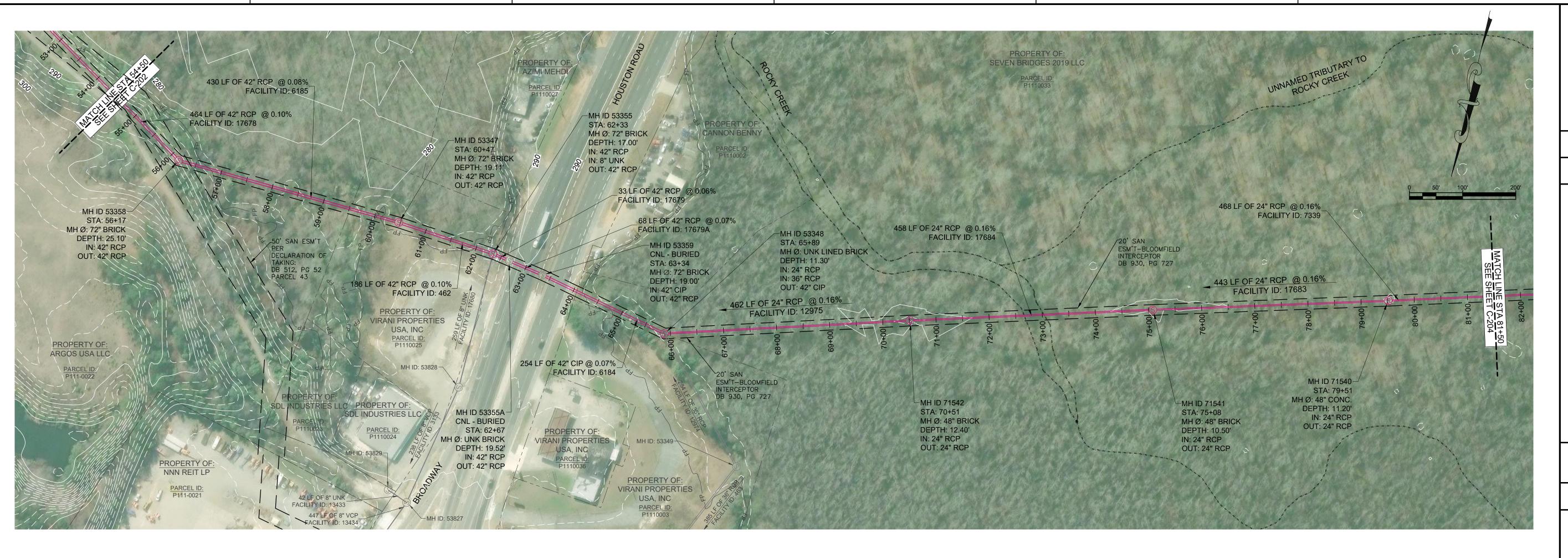
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- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

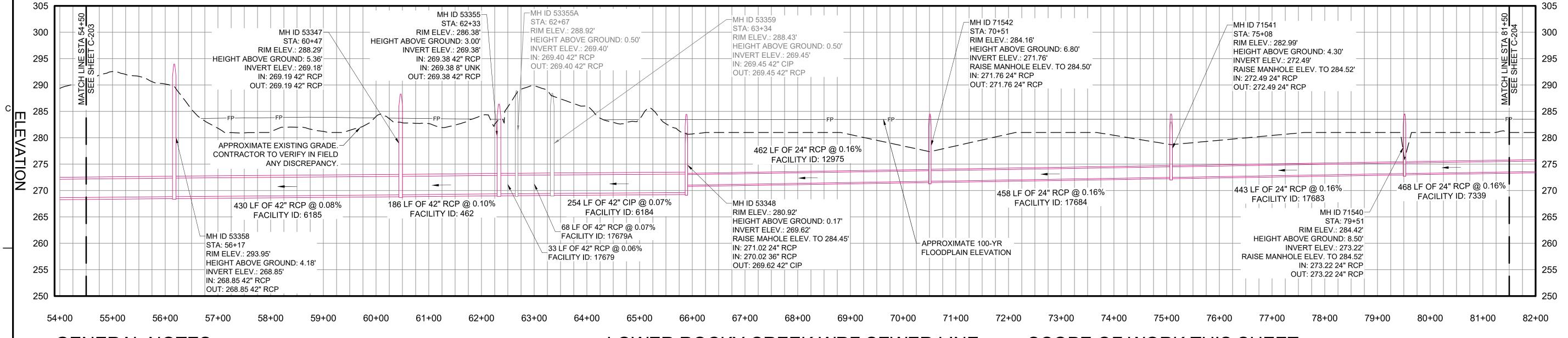
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SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 54+50 AND CONTINUES TO STA 81+50.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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ROCKY CREEK SEV 54+50 TO 81+50 PLAN AND PROFILE

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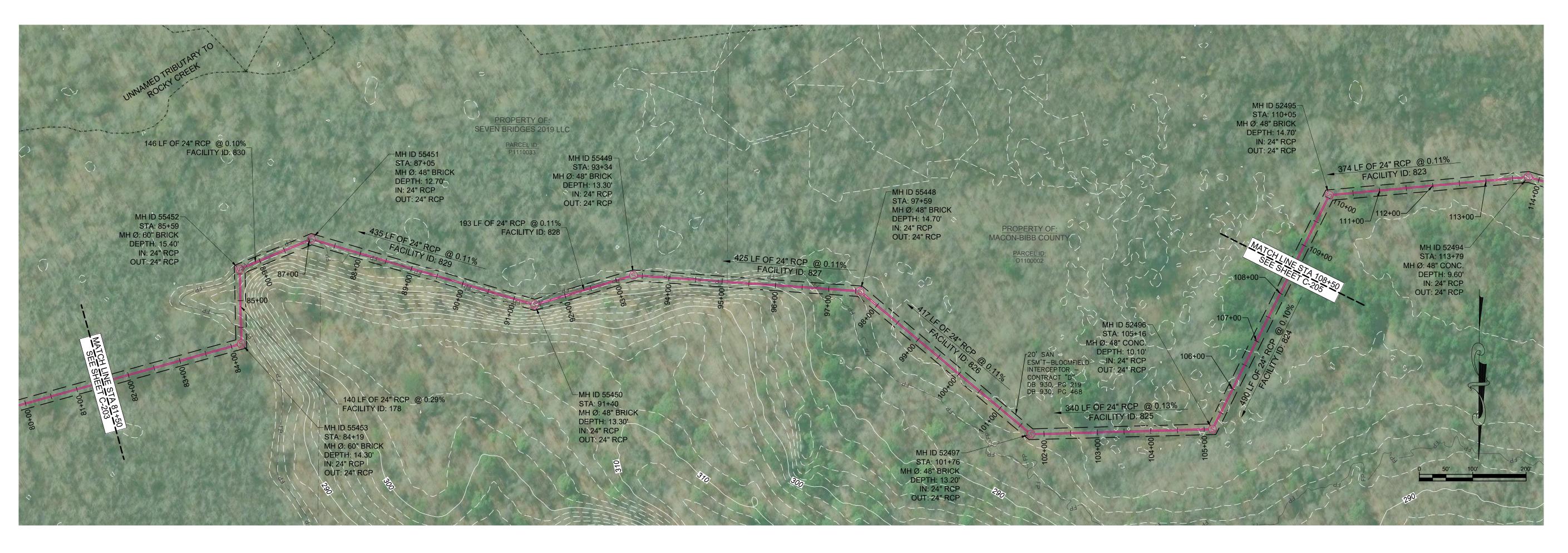
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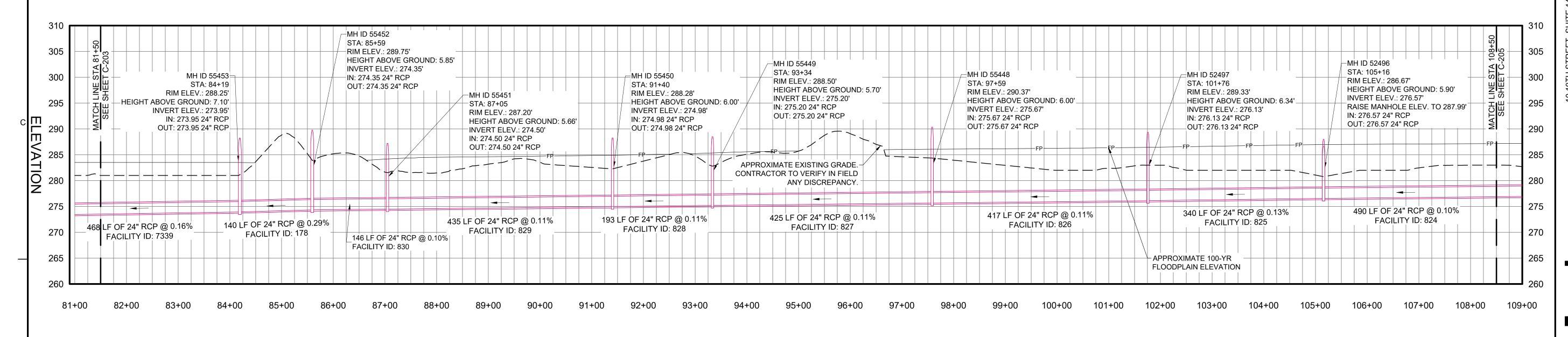
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LOWER ROCKY CREEK WRF SEWER LINE SCALE - HORZ. 1" = 100'

VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 81+50 AND CONTINUES
- TO STA 108+50. 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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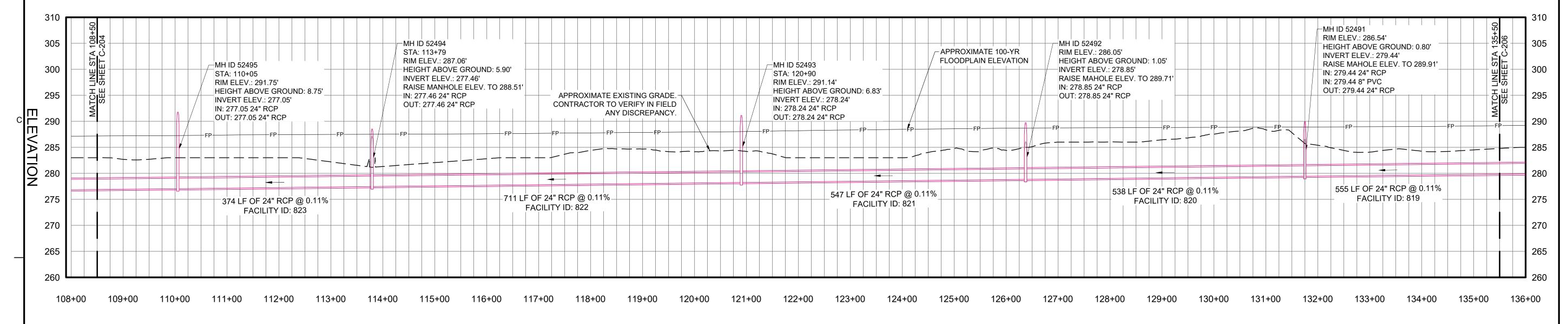
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LOWER ROCKY CREEK WRF SEWER LINE

SCALE - HORZ. 1" = 100' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 108+50 AND
- CONTINUES TO STA 135+50.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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O8/19/2025

ATLANTA; GA 30309
GA LIC# PEF000350 (EXP 6/30/2026)

LOWER ROCKY CREEK WRF
42" & 24" GRAVITY
SEWER REHABILITATION

EK SEWER LINE 135+50

Jacobs.

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CKY CREEK SEWER
8+50 TO 135+50

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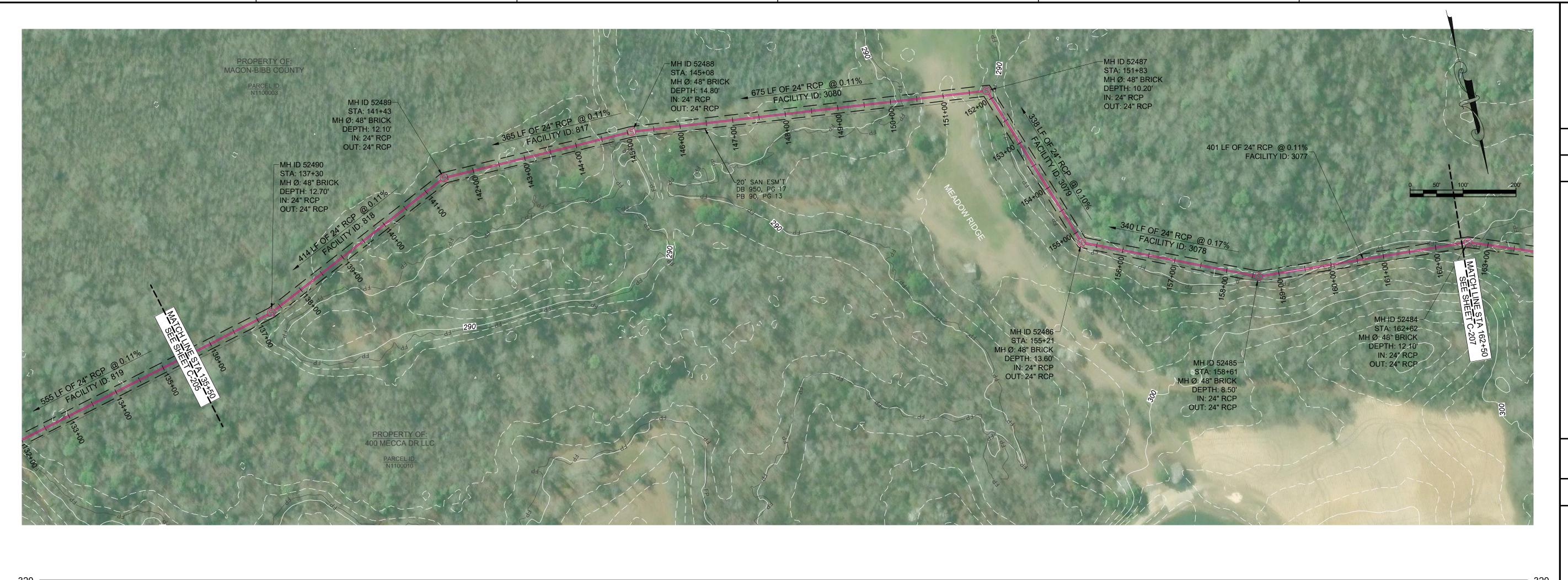
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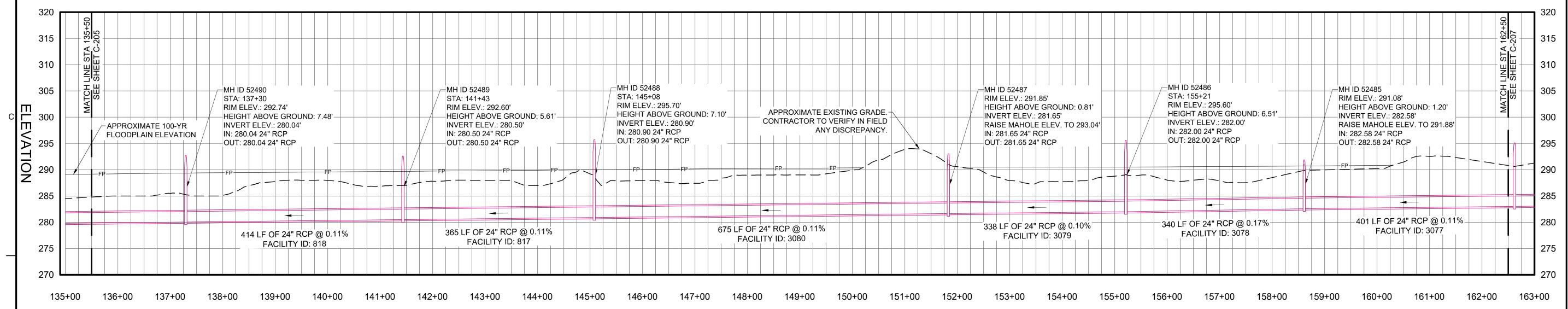
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DATE AUGUST 2025

05-C-205 8 of 19

Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB





- 1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND
- PACP INSPECTION REPORTS. 2. CONTRACTOR TO REPLACE FRAME AND COVER FOR ALL MANHOLES RECEIVING WORK.
- 3. CIPP LINING SHALL BE DESIGNED FOR FULLY DETERIORATED PIPE CONDITION ACCORDING TO ASTM F1216 APPENDIX X1.
- 4. CONTRACTOR SHALL VERIFY ALL MANHOLE INVERTS, PIPE DIAMETERS, LATERAL CONNECTIONS, AND POINT REPAIR LOCATIONS PRIOR TO CONSTRUCTION
- 5. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE LOCAL EROSION CONTROL MEASURES AND ANY REQUIRED PERMIT FOR ANY ACTIVITIES. ANY MEASURE PROVIDED SHALL BE REMOVED AND RESTORED TO ANY EXISTING CONDITIONS AT
- THE CONTRACTOR'S EXPENSE. 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

LOWER ROCKY CREEK WRF SEWER LINE

SCALE - HORZ. 1" = 100' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 135+50 AND
- CONTINUES TO STA 162+50. 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

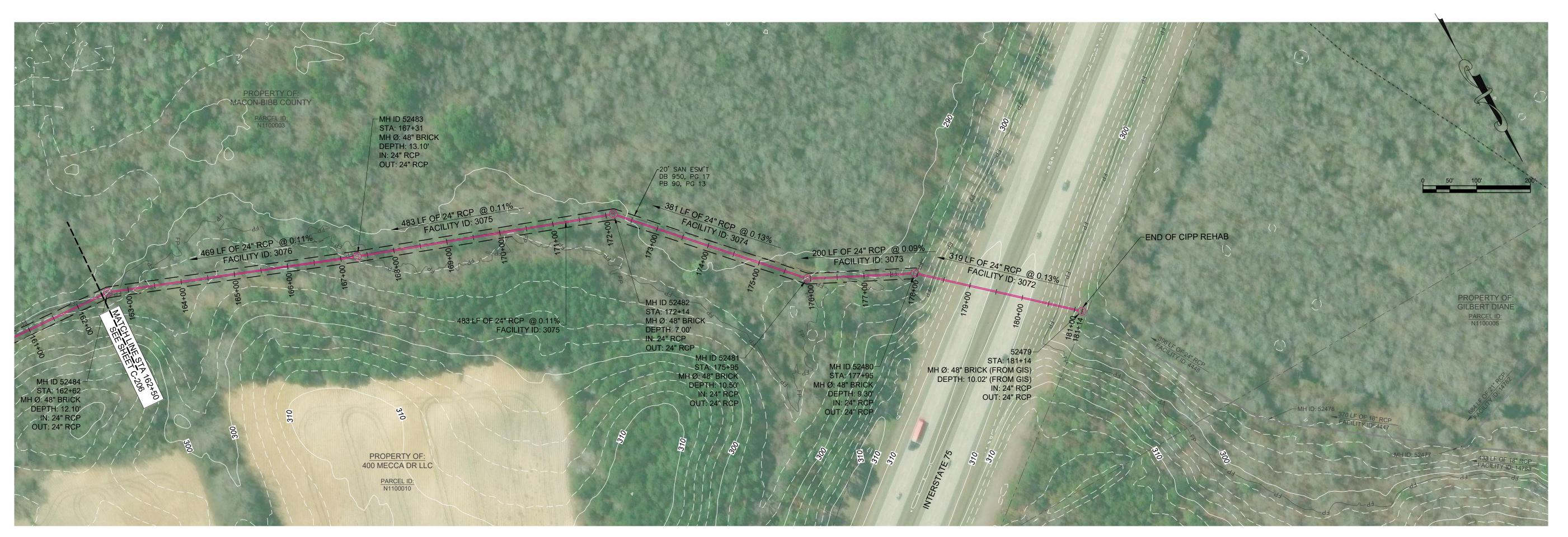
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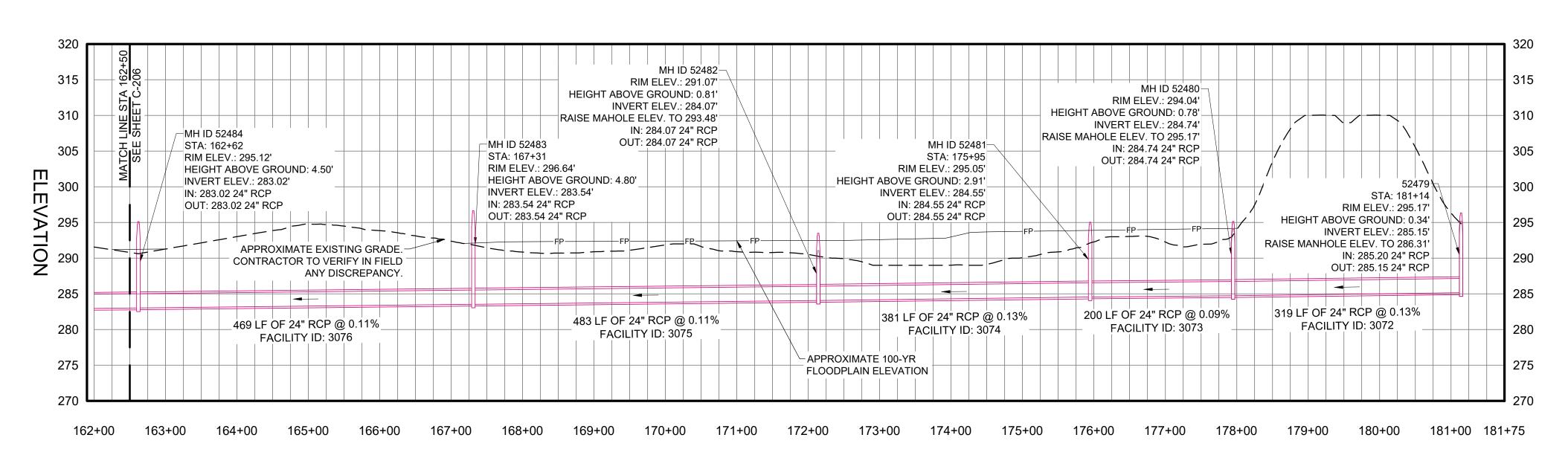
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10 10TH ATL LIC# PEF

ROCKY CREEK SEWE 135+50 TO 162+50 PLAN AND PROFILE Jacob

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. AUGUST 2025 EEXK101 05-C-206





- 1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND PACP INSPECTION REPORTS.
- 2. CONTRACTOR TO REPLACE FRAME AND COVER FOR ALL MANHOLES RECEIVING WORK.
- CIPP LINING SHALL BE DESIGNED FOR FULLY DETERIORATED PIPE CONDITION ACCORDING TO ASTM F1216 APPENDIX X1.
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- 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

LOWER ROCKY CREEK WRF SEWER LINE

SCALE - HORZ. 1" = 100' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 162+50 AND
- CONTINUES TO STA 181+14.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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ATLANTA; GA 30309
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LOWER ROCKY CREEK WRF
42" & 24" GRAVITY
SEWER REHABILITATION

Jacobs.

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VERIFY SCALE

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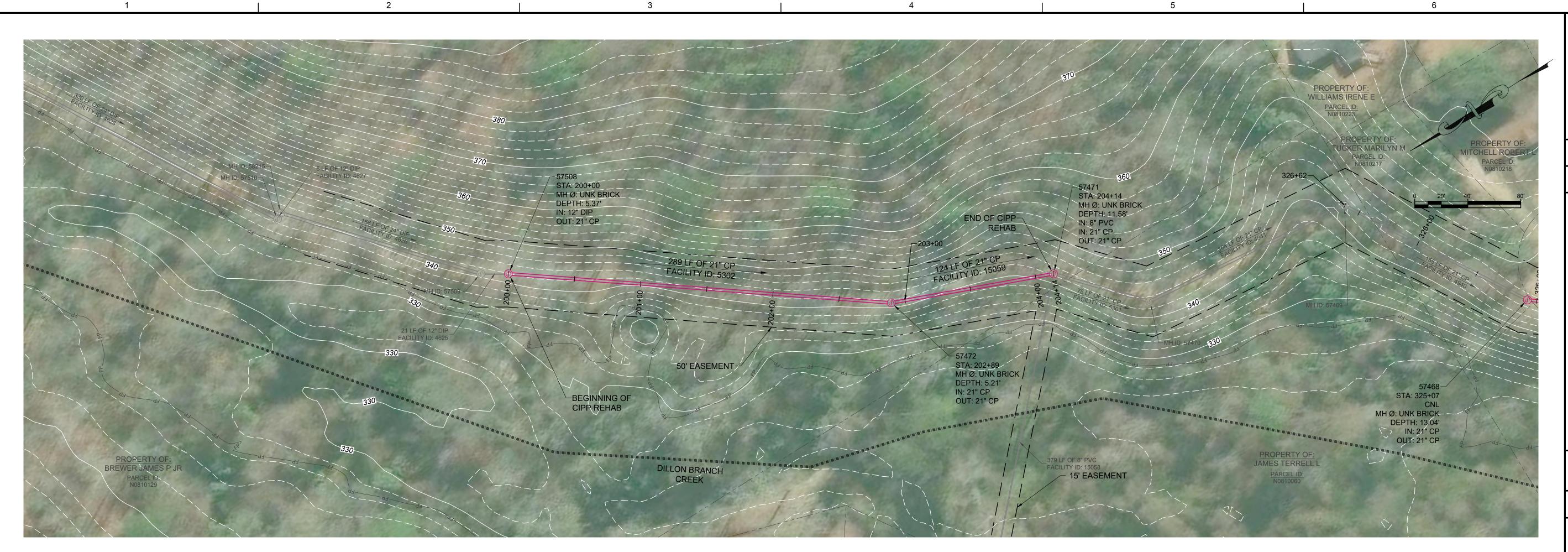
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DATE AUGUST 2025

PROJ EEXK1018

DWG 05-C-207

Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB



1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND

PACP INSPECTION REPORTS.

- CONTRACTOR TO REPLACE FRAME AND COVER FOR ALL MANHOLES RECEIVING WORK.
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EDNA PLACE SEWER LINE

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 200+00 AND
- CONTINUES TO STA 204+14.

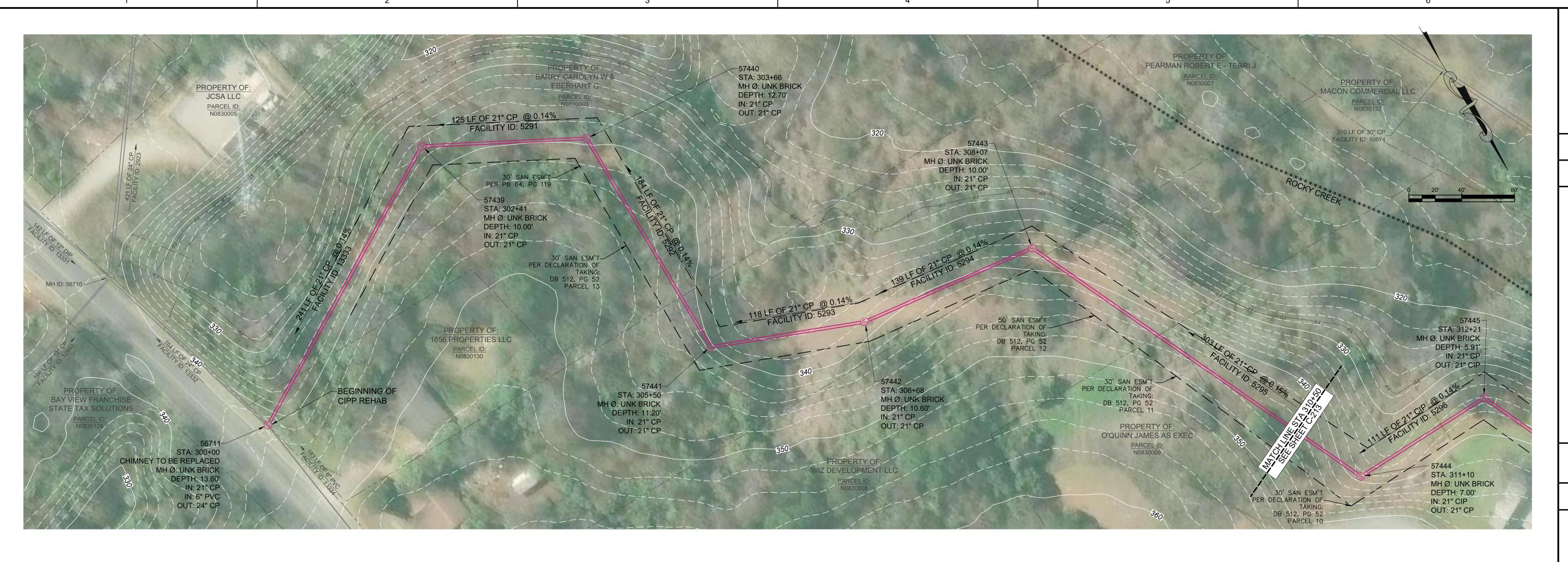
 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. CONTRACTOR TO VERIFY PIPE SIZES.

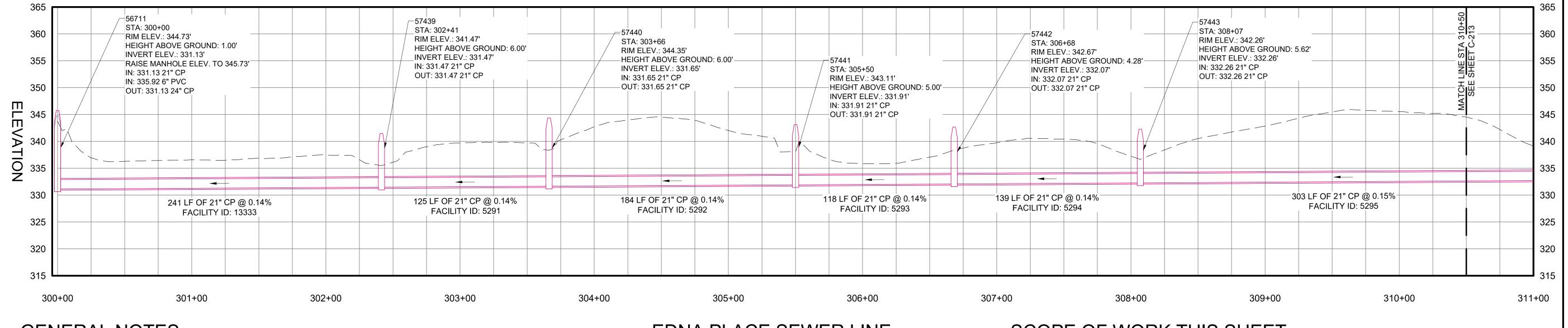
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EDNA PLACE SEWER LI 200+00 TO 204+14 PLAN Jacobs

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. AUGUST 2025 EEXK1018

05-C-211 11 of 19 Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB FILENAME: 05-C-211_EEXK1018V2 PLOT DATE: 2025-08-08 PLOT TIME: 11:53:40 AM





- 1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND PACP INSPECTION REPORTS.
- 2. CONTRACTOR TO REPLACE FRAME AND COVER FOR ALL MANHOLES RECEIVING WORK.
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EDNA PLACE SEWER LINE

SCALE - HORZ. 1" = 40' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

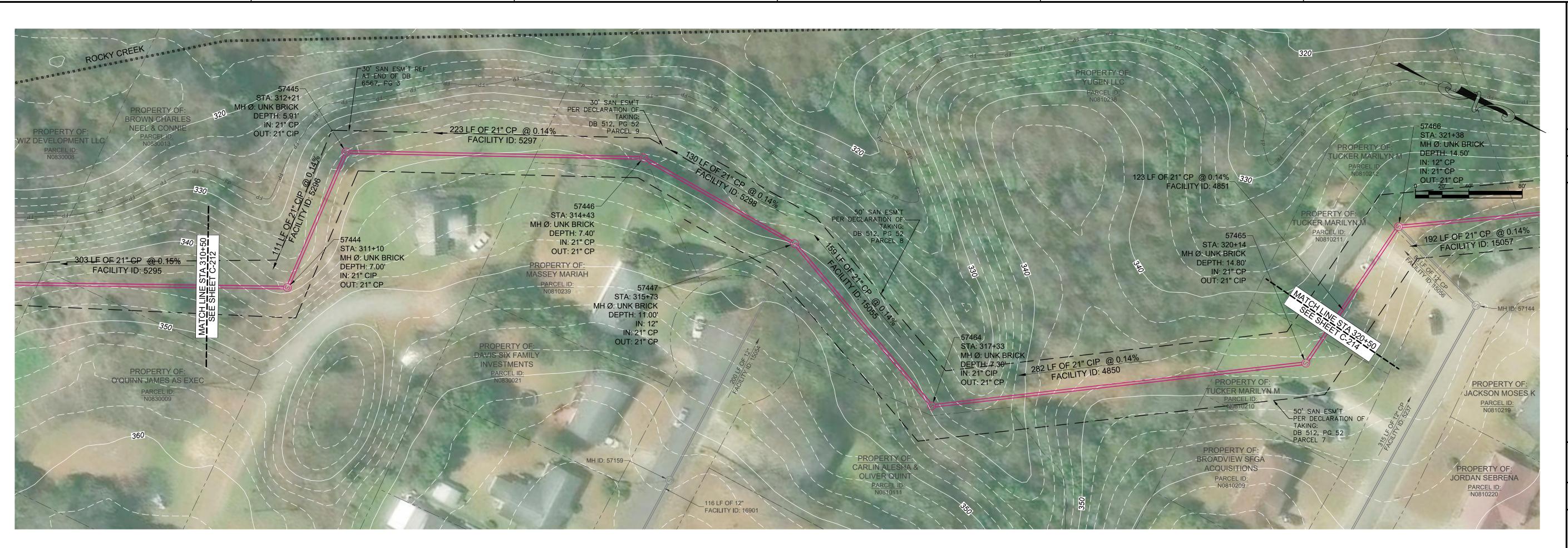
- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 300+00 AND CONTINUES TO STA 310+50.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. CONTRACTOR TO VERIFY PIPE SIZES.

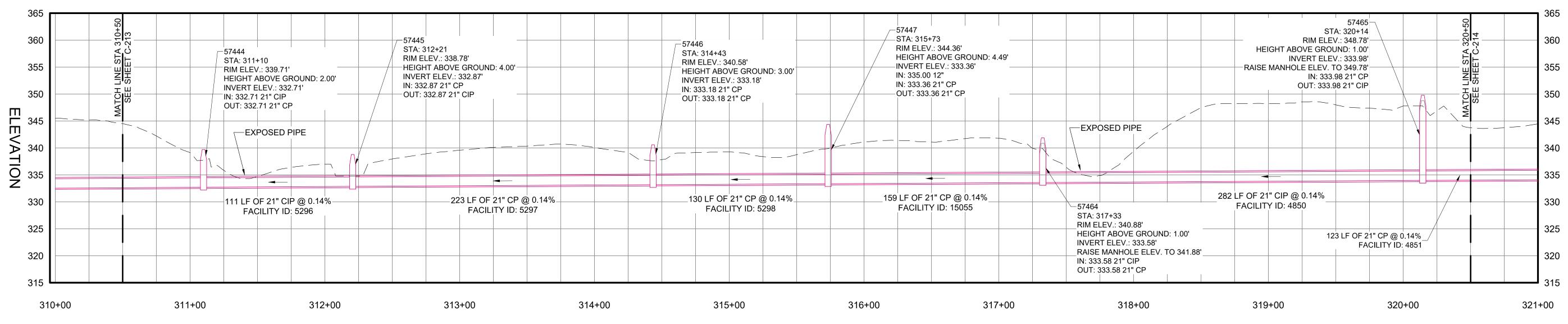
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EDNA PLACE SEWER L 300+00 TO 310+50 PLAN AND PROFILE Jacobs

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. **AUGUST 2025** EEXK101 05-C-212





- 1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND PACP INSPECTION REPORTS.
- 2. CONTRACTOR TO REPLACE FRAME AND COVER FOR ALL MANHOLES RECEIVING WORK.
- 3. CIPP LINING SHALL BE DESIGNED FOR FULLY DETERIORATED PIPE CONDITION ACCORDING TO ASTM F1216 APPENDIX X1.

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- 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

EDNA PLACE SEWER LINE

SCALE - HORZ. 1" = 40' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 310+50 AND CONTINUES TO STA 320+50.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. CONTRACTOR TO VERIFY PIPE SIZES.

©JACOBS 2025. ALL RIGHT	@JACOE		Y OF	NAL SERVICE, IS THE PROPERT AUTHORIZATION OF JACOBS.	NSTRUMENT OF PROFESSION OT WITHOUT THE WRITTEN A	EREIN, AS AN II OTHER PROJE	RATED HE FOR ANY (INCORPC N PART, I	THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF JACOBS AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF JACOBS.
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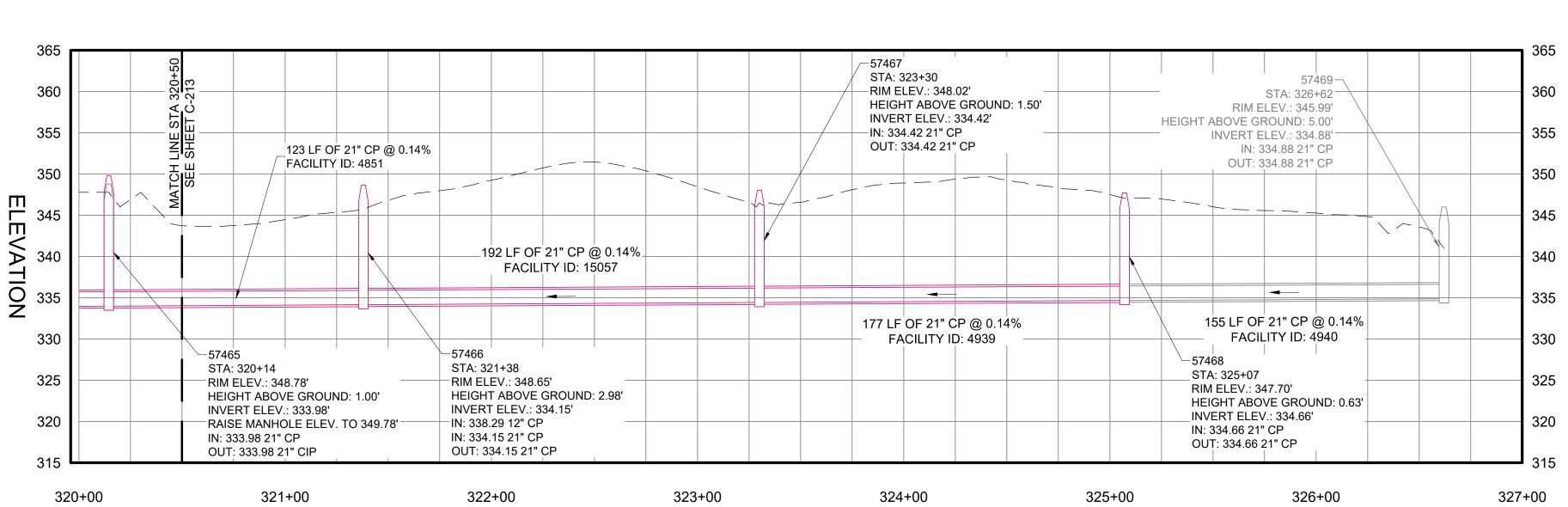
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05-C-213

13 of 19

Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB PLOT DATE: 2025-08-08 PLOT TIME: 4:22:18 PM





- 1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND PACP INSPECTION REPORTS.
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EDNA PLACE SEWER LINE

SCALE - HORZ. 1" = 40' VERT. 1" = 10'

SCOPE OF WORK THIS SHEET

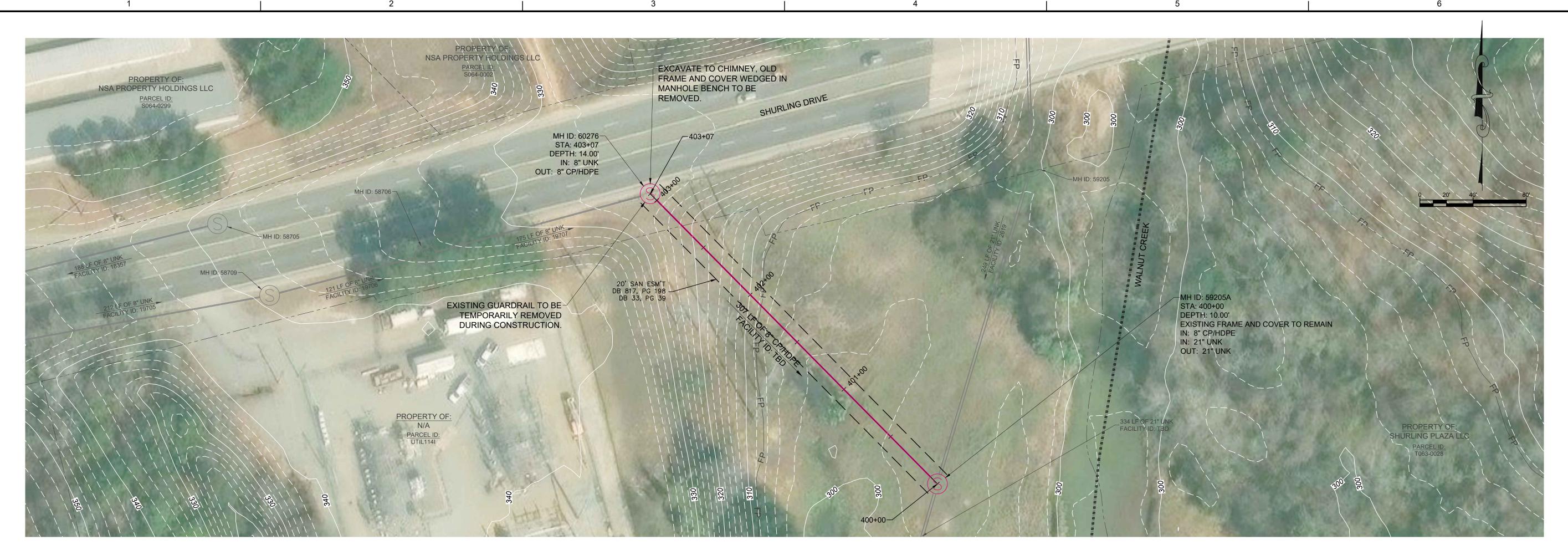
- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 320+50 AND CONTINUES TO STA 325+07.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE
- RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. CONTRACTOR TO VERIFY PIPE SIZES.

Jacobs

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. **AUGUST 2025** EEXK101

Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB

05-C-214 14 of 19



1. INFORMATION SHOWN IN PLAN AND PROFILE FROM MACON WATER AUTHORITY GIS, RECORD DRAWINGS, AND MACP AND PACP INSPECTION REPORTS.

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- 6. CONTRACTOR SHALL COMPLY WITH THE OWNER'S CURRENT GROUNDWATER SAFETY PROGRAM.

SHURLING DRIVE SEWER LINE

SCOPE OF WORK THIS SHEET

- 1. CIPP REHAB OF SEWER LINES AND CEMENTITIOUS REHAB OF SEWER MANHOLES BEGIN AT STA 400+00 AND CONTINUES TO STA 403+07.
- 2. ALL MANHOLES RECEIVING WORK AND LOCATED OUTSIDE PAVED AREAS AND FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO AT LEAST 2 FT ABOVE EXISTING GRADE IN ACCORDANCE WITH THE DRAWINGS.
- 3. ALL MANHOLES LOCATED WITHIN FEMA 100-YR FLOODPLAIN SHALL BE RAISED TO A MINIMUM OF 1.0-FT ABOVE THE BASE FLOOD ELEVATION IN ACCORDANCE WITH THE DRAWINGS.

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SHURLING DRIVE SEWER 400+00 TO 403+07 PLAN

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. AUGUST 2025 **EEXK1018** 05-C-221

15 of 19

Jacobs AMER Water-001\Documents\EEXK1018 - Rocky Creek SEWER REHAB FILENAME: 05-C-221_EEXK1018 PLOT DATE: 2025-08-08 PLOT TIME: 4:29:23 PM

Book 1994			GRAVI	ITY SEWER	R REHABILITATION I				" SEWER MAIN REHA RD DWGS AND INSPE		MED E	BY CES & ARCADIS)
7	NO.	MANHOLE ID	SHEET NO.	AREA	PIPE DIAMETER (INCHES)			DIAMETER/SIZE		ADD'L CONNECTIONS		NOTES/OBSERVATIONS
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1		+					+				<u> </u>	
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7 922-94 C. 200 Opting Section -2 Unitrident Opting -2 Design -2 Opting -2		+		 			+			15": 15"	<u> </u>	Active influration at wall
8 13344 C 200 Resp Color 2 Color Bibl 77 388 151,18 C color bibliographic contents on the color bibliographic color color bibliographica				'			+			13,13		CNL
O	8									10"; 8"	С	Active infiltration noted. Incoming flow from pipe connection of unknown source. Record drawings indicate connection as the "Armstrong Cork Connection". Contractor to veirfy and
11 3238-5 C-522 Respired from 42 MRRESON MUNICIPAN 175 C C C C C C C C C	9	53345	C-202	Rocky Creek	42	Circular	Brick	72	26.7		С	Active infiltration at wall
12 54107 C-522 Redic Ceels 42 UMRNOWN UMBNOWN 115 C CAL-UMBLU by ear and secretary 12 54107 C-522 C-524	10	53346		'		Circular					С	
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2.5	21	71542	C-203	Rocky Creek	24	Circular	Brick	48	12.4		С	Active infiltration at wall
A	22	+		'		Circular	Brick		10.5		С	
25 5545 C-204 Roop Creek 24 Credar Brick 60 15.4 C Active infliration at wal 26 26 Credar Brick 48 13.3 C Active infliration at wal 27 55450 C-206 Roop Creek 24 Credar Brick 48 13.3 C Active infliration at wal 27 25 25 25 25 25 25 25				'							C	
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27				-							<u> </u>	
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34	32	52495		Rocky Creek	24	Circular	Brick	48	14.7		С	Active infiltration at pipe connections
35 52492 C-205 Reity Creek 24 Circular Brick 48 7-2 C Active infiltration at will				- -							С	
36		+		<u> </u>			+				C	A
37 \$2490 \$C-206 Rocky Creds 24 \$Circular Brick 48 12.7 \$C \$C \$C \$C \$C \$C \$C \$										0"	<u> </u>	
38 \$2,489 \$C.206 Rodey Creek \$24 \$Circular Brick \$48 \$1.21 \$C \$Active infiltration at pipe connections \$40 \$52,487 \$C.206 Rodey Creek \$24 \$Circular Brick \$48 \$10.2 \$C \$Active infiltration at pipe connections \$41 \$52,486 \$C.208 Rodey Creek \$24 \$Circular Brick \$48 \$13.6 \$C \$C \$Active infiltration at pipe connections \$42 \$52,485 \$C.208 Rodey Creek \$24 \$Circular Brick \$48 \$13.6 \$C \$C \$Active infiltration at Multiplipe interface \$43 \$52,484 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$12.1 \$C \$Active infiltration at Multiplipe interface \$45 \$52,482 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$13.1 \$C \$Active infiltration at Multiplipe interface \$45 \$52,482 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$13.1 \$C \$Active infiltration at Multiplipe interface \$46 \$52,481 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$10.5 \$C \$Active infiltration at Multiplipe interface \$47 \$52,480 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$10.5 \$C \$Active infiltration at Multiplipe interface \$47 \$52,480 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$10.5 \$C \$Active infiltration and multiplipe interface \$47 \$52,480 \$C.207 Rodey Creek \$24 \$Circular Brick \$48 \$9.3 \$C \$Active infiltration and multiplipe interface \$47 \$C.207 Rodey Creek \$24 \$C.207 Rodey Creek										8	<u> </u>	Active influration at wall
39 \$2488 \$C.206 Rocky Creek \$24 \$Circular Brick \$48 \$14.8 \$10.2 \$C \$Active inflitration at pipe connections \$41 \$22486 \$C.206 \$Rocky Creek \$24 \$Circular Brick \$48 \$13.0 \$C \$C \$Active inflitration at pipe connections \$42 \$22485 \$C.206 \$Rocky Creek \$24 \$Circular Brick \$48 \$8.5 \$C \$C \$Active inflitration at pipe connections \$42 \$22485 \$C.206 \$Rocky Creek \$24 \$Circular Brick \$48 \$8.5 \$C \$C \$Active inflitration at MH wall/pipe interface \$45.2482 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$12.1 \$C \$Active inflitration at MH wall/pipe interface \$45.2482 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$7.0 \$C \$Active inflitration nerved \$45.2482 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$7.0 \$C \$Active inflitration nerved \$45.2482 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$7.0 \$C \$Active inflitration nerved \$45.2482 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$9.3 \$C \$Active inflitration advocation \$49 \$57508 \$C.211 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$9.3 \$C \$Active inflitration above connection \$49 \$37508 \$C.211 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$9.3 \$C \$Active inflitration above connection \$49 \$37508 \$C.211 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$9.3 \$C \$Active inflitration above connection \$49 \$37508 \$C.211 \$C.207 \$Rocky Creek \$24 \$Circular Brick \$48 \$9.3 \$C.207 \$											C	
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4-2 524.85 C-205 Rocky Creek 24 Circular Brick 48 8.5 C	40	52487	C-206	'		Circular	Brick	48	10.2		С	Active infiltration at pipe connections
4-3	41	52486	C-206	Rocky Creek	24	Circular	Brick	48	13.6		С	
A44	42	52485	C-206	Rocky Creek	24	Circular	Brick	48	8.5		С	
A5 S2AB2 C-207 Rocky Creek 24 Circular Brick A8 7.0 C Active infiltration noted Active inf				T T							С	
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65 57441 C-212 Edna Place 21 Circular Brick UNKNOWN 11.2 A A 66 57440 C-212 Edna Place 21 Circular Brick UNKNOWN 12.7 A 67 57439 C-212 Edna Place 21 Circular Brick UNKNOWN 10.0 A 68 56711 C-212 Edna Place 21 Circular Brick UNKNOWN 13.6 Line from 57834 A 69 60276 C-221 Shurling Dr 8 UNKNOWN UNKNOWN 14.0 A Old frame & cover wedged in the manhole bench							+				Α	
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67 57439 C-212 Edna Place 21 Circular Brick UNKNOWN 10.0 A A 68 56711 C-212 Edna Place 21 Circular Brick UNKNOWN 13.6 Line from 57834 A 69 60276 C-221 Shurling Dr 8 UNKNOWN UNKNOWN 14.0 A Old frame & cover wedged in the manhole bench												
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69 60276 C-221 Shurling Dr 8 UNKNOWN UNKNOWN UNKNOWN 14.0 A Old frame & cover wedged in the manhole bench		+					+			Line from 5782/	Α Λ	
Y Y							+			Line Hulli 37034	<u> </u>	Old frame & cover wedged in the manhole bench
70 59205A C-221 Shurling Dr 8, 21 IN, 21 OUT UNKNOWN UNKNOWN 10.0 A CNL; Includes 3.5' new riser which won't be lined	70	59205A	C-221	Shurling Dr		UNKNOWN	UNKNOWN	UNKNOWN	10.0		1	CNL; Includes 3.5' new riser which won't be lined

* REHAB TYPE	DESCRIPTION

A CEMENTITIOUS LINING PER SEPCIFICATION 33 01 30.80; INSTALL NEW FRAME AND COVER PER DWG SHEET 05-C-504

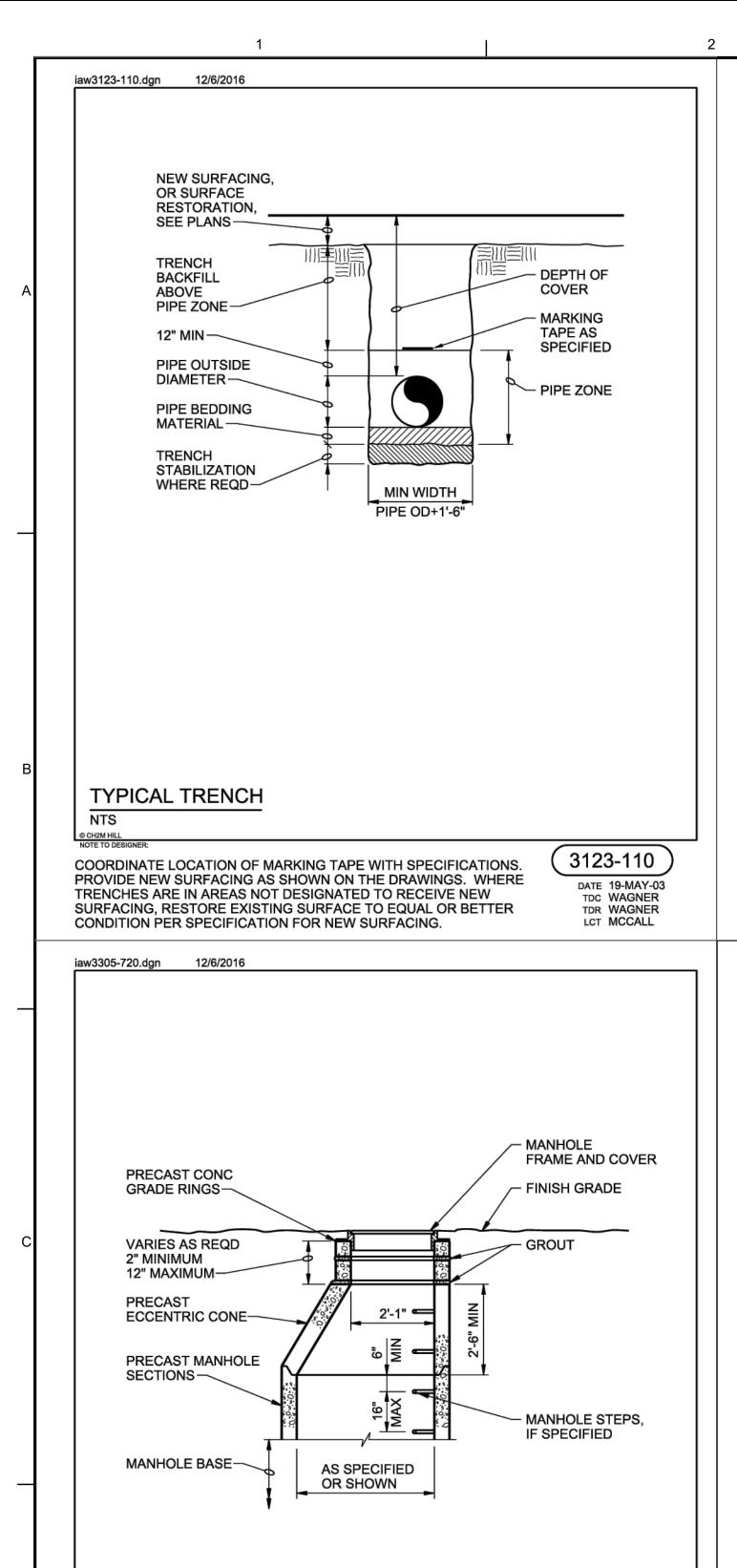
Jacobs DOCUMENTS **VERIFY SCALE** BAR IS ONE INCH ON ORIGINAL DRAWING. AUGUST 2025 EEXK1018 05-C-501 16 of 19

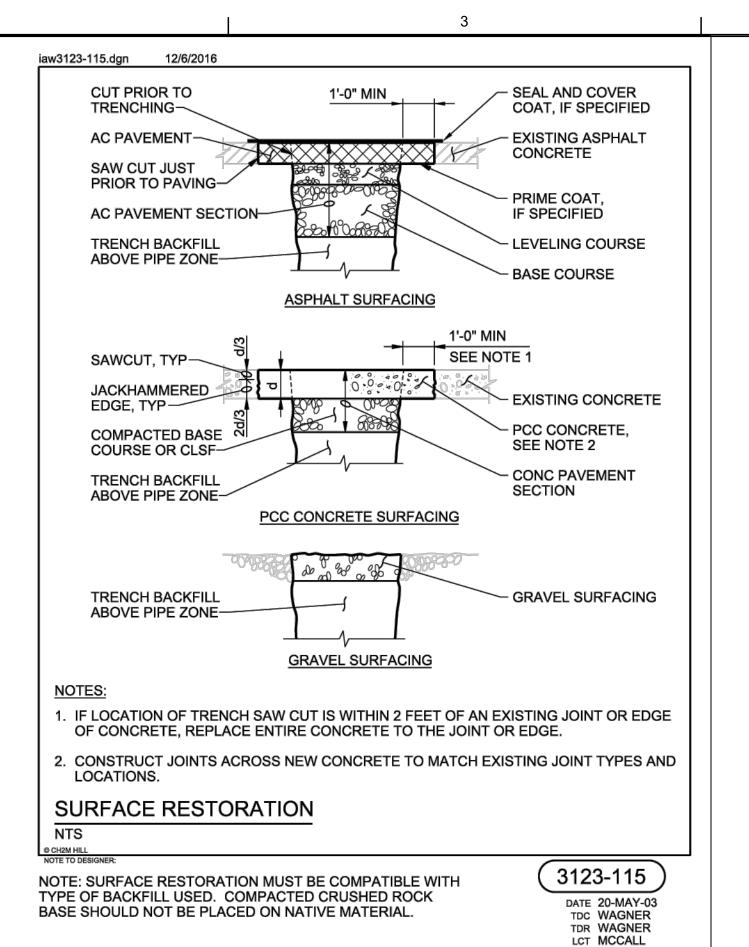
CEMENTITIOUS LINING PER SEPCIFICATION 33 01 30.80; INSTALL NEW WATERTIGHT FRAME AND COVER PER DWG SHEET 05-C-504

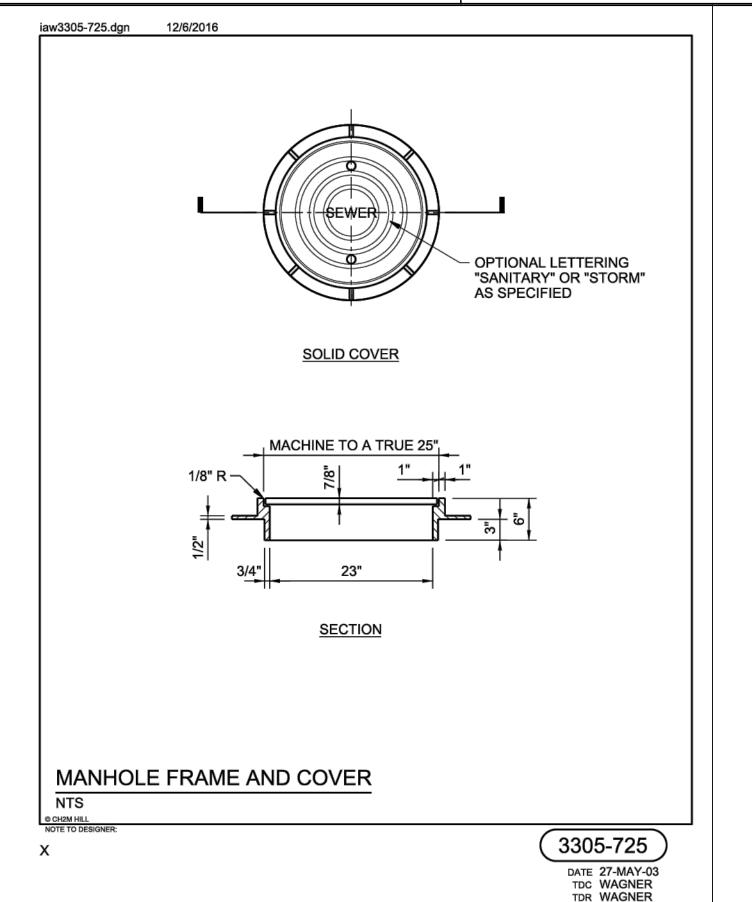
SEWPERCOAT® LINING FOR DIVERSION VAULT PER SEPCIFICATION 33 01 30.80B; INSTALL NEW FRAME AND COVER PER DWG SHEET 05-C-504

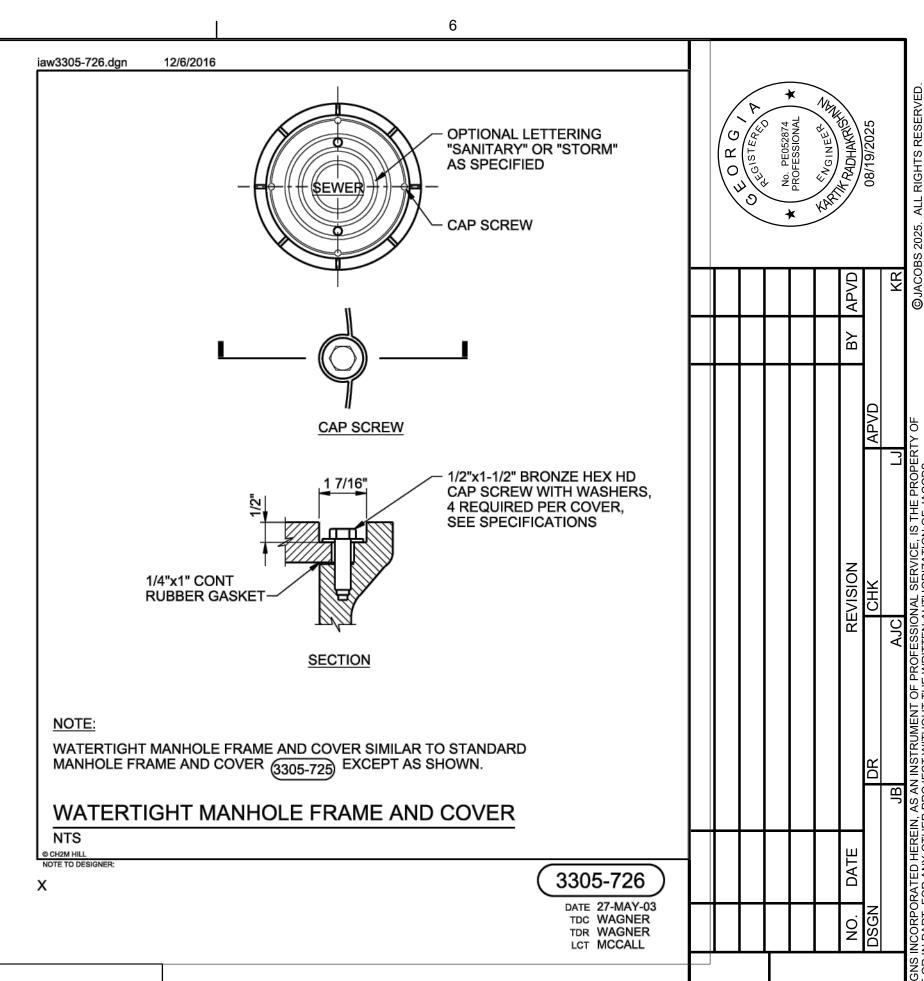
			CDA1#	T./ 65.450 D				WRF 42" & 24"		
NO.	US MANHOLE	DS MANHOLE	GRAVI SHEET NO.	AREA	PIPE DIAMETER (IN)	PIPE SCHEDUL PIPE LENGTH (FT)		REHAB METHOD		SPECTIONS PERFORMED BY CES & WINCAN) LATERAL CONNECTIONS NOTES/OBSERVATIONS
1	81929	WRF INTAKE	C-201	Rocky Creek	42	-	RCP	KEHAB MEHIOD	TILAVI CLLANING	LATERAL CONNECTIONS NOTES/OBSERVATIONS
2	54102	81929	C-201	Rocky Creek	42	105	RCP			
3	54103	54102	C-201	Rocky Creek	42	532	RCP	CIPP		Light roots
4	54104	54103	C-201	Rocky Creek	42	439	RCP	CIPP		
5	54106	54104	C-201	Rocky Creek	42	459	RCP	CIPP		A - + i i - filtro + i
6	53342 53343	54106 53342	C-201 C-201	Rocky Creek Rocky Creek	42 42	521 522	RCP RCP	CIPP CIPP		Active infiltration approx. 430 LF from USMH
8	53343A 53343A	53342	C-201/C-202	Rocky Creek	42	463	RCP RCP	CIPP		
9	53344	53343A	C-202	Rocky Creek	42	162	CIP	CIPP		Light to medium roots at multiple joints
10	53345	53344	C-202	Rocky Creek	42	242	RCP	CIPP		
11	53346	53345	C-202	Rocky Creek	42	317	RCP	CIPP		
12	533 46A	53346	C-202	Rocky Creek	42	366	RCP	CIPP		
13	54107	53346A	C-202	Rocky Creek	42	325	RCP	CIPP		
14	54107B	54107	C-202	Rocky Creek	42	377	RCP	CIPP		
15 16	54107A	54107B 54107A	C-202	Rocky Creek Rocky Creek	42 42	277 464	RCP RCP	CIPP CIPP	Yes	
17	53358 53347	53358	C-202/C-203 C-203	Rocky Creek	42	430	RCP	CIPP	162	
18	53355	53336	C-203	Rocky Creek	42	186	RCP	CIPP		4" active tap approx. 146 LF from USMH
19	53355A	53355	C-203	Rocky Creek	42	33	RCP	CIPP	Yes	
20	53359	53355A	C-203	Rocky Creek	42	68	CIP	CIPP		
21	53348	53359	C-203	Rocky Creek	42	254	RCP	CIPP		4" active tap approx. 84 LF from USMH
22	71542	53348	C-203	Rocky Creek	24	462	RCP	CIPP	Yes	
23	71541	71542	C-203	Rocky Creek	24	458	RCP	CIPP	Yes	
24	71540	71541	C-203	Rocky Creek	24	443	RCP	CIPP		
25	55453	71540	C-203/C-204	Rocky Creek	24	468	RCP	CIPP	Yes	
26 27	55452	55453	C-204	Rocky Creek	24	140	RCP RCP	CIPP CIPP	Vac	
28	55451 55450	55452 55451	C-204 C-204	Rocky Creek Rocky Creek	24 24	146 435	RCP	CIPP	Yes Yes	Deposits and active infiltration near MH 55450
29	55449	55450	C-204	Rocky Creek	24	193	RCP	CIPP	Yes	Deposits and active inititiation flear Mili 33430
30	55448	55449	C-204	Rocky Creek	24	425	RCP	CIPP	Yes	
31	52497	55448	C-204	Rocky Creek	24	417	RCP	CIPP	Yes	
32	52496	52497	C-204	Rocky Creek	24	340	RCP	CIPP		
33	52495	52496	C-204/C-205	Rocky Creek	24	490	RCP	CIPP		Light to medium roots at multiple joints
34	52494	52495	C-205	Rocky Creek	24	374	RCP	CIPP		Roots Medium Joint (RMJ) 5% at 34 ft from USMH
35	52493	52494	C-205	Rocky Creek	24	711	RCP	CIPP	Yes	Heavy roots at multiple joints
36	52492	52493	C-205	Rocky Creek	24	547	RCP	CIPP	Yes	
37	52491	52492	C-205	Rocky Creek	24	538	RCP	CIPP		
38 39	52490 52489	52491 52490	C-205/C-206 C-206	Rocky Creek Rocky Creek	24 24	555 414	RCP RCP	CIPP CIPP		
39	32407	32490	C-206	ROCKY CIEEK	24	414	RCP	CIPP		Deposits/ragging. Active infiltration approx. 84 LF from
40	52488	52489	C-206	Rocky Creek	24	365	RCP	CIPP		USMH
41	52487	52488	C-206	Rocky Creek	24	675	RCP	CIPP		
										Active infiltration approx. 150 LF from DSMH, 2-5%
42	52486	52487	C-206	Rocky Creek	24	338	RCP	CIPP		encrusted deposits
4 3	52485	52486	C-206	Rocky Creek	24	340	RCP	CIPP		Active infiltration approx. 294 LF from USMH
44	52484	52485	C-206/C-207	Rocky Creek	24	401	RCP	CIPP		Active infiltration approx. 94, 110, 126 & 216 LF from USMH
45	52483	52484	C-207	Rocky Creek	24	469	RCP	CIPP		Object in wall
46	52482	52483	C-207	Rocky Creek	24	483	RCP	CIPP		Active infiltration approx. 432 LF from USMH
47	52481	52482	C-207	Rocky Creek	24	381	RCP	CIPP		
48 49	52480 52479	52481 52480	C-207 C-207	Rocky Creek Rocky Creek	24	200 319	RCP RCP	CIPP CIPP		
50	57508	52480 57472	C-207 C-211	Edna Place	24	289	CP	CIPP	Yes	Moderate to heavy roots at multiple joints
51	57472	57471	C-211	Edna Place	21	124	CP CP	CIPP	Yes	Moderate to fleavy roots at multiple joints Moderate roots at multiple joints
52	57471	57470	C-214	Edna Place	21	75	СР	5	. 53	Moderate roots at mataple joints
53	57470	57469	C-214	Edna Place	21	164	CP			
54	57469	57468	C-214	Edna Place	21	155	СР			
55	57468	57467	C-214	Edna Place	21	177	СР	CIPP		
56	57467	57466	C-214/C-213	Edna Place	21	192	СР	CIPP		Line inspection abandoned
57	57466	57465	C-213	Edna Place	21	123	СР	CIPP		
58	57465	57464	C-213	Edna Place	21	282	CIP	CIPP		
59	57464 57447	57447 57446	C-213	Edna Place	21	159	СР	CIPP		
60 61	57447 57446	57446 57445	C-213 C-213	Edna Place Edna Place	21 21	130 223	CP CP	CIPP CIPP		
62	57445	57444	C-213	Edna Place	21	111	CIP	CIPP	Yes	
63	57444	57443	C-213/C-212	Edna Place	21	303	CP CP	CIPP	Yes	
64	57443	57442	C-212	Edna Place	21	139	CP	CIPP	Yes	
65	57442	57441	C-212	Edna Place	21	118	CP	CIPP	Yes	
66	57441	57440	C-212	Edna Place	21	184	СР	CIPP		Camera flipped over during inspection
67	57440	57439	C-212	Edna Place	21	125	СР	CIPP	Yes	Heavy roots
68	57439	56711	C-212	Edna Place	21	241	СР	CIPP		Camera flipped over during inspection
69	60276	59205	C-221	Shurling Dr	8	307	CP/HDPE	CIPP		Infiltration at 229.5

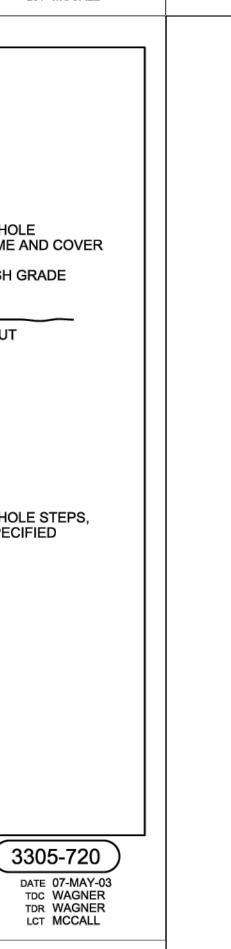
CIVIL CIVIL PIPE SCHEDULE CIVIL PIECET, SUITE 1400 ATLANTA; GA 30309 CALIC# PIECO00350 (EXP 6/30/2026) CALIC# PIECO0350 (E	O TO R G		<u>*</u>	THE WOINEE'S WAY	APVD		X	©JACOBS 2025. ALL RIGHTS RESERVED.
ATLANTA; GA 30309 GA LIC# PEF000350 (EXP 6/30/2026) CIVIL CIVIL LOWER ROCKY CREEK WRF 42" & 24" GRAVITY SEWER REHABILITATION DSGN INS. DATE DSGN AJC CHK LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC CHK AACH CHK					ВУ			
ATLANTA; GA 30309 GA LIC# PEF000350 (EXP 6/30/2026) CIVIL CIVIL LOWER ROCKY CREEK WRF 42" & 24" GRAVITY SEWER REHABILITATION DSGN INS. DATE DSGN AJC CHK LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC LOWER ROCKY CREEK WRF A2" & 24" GRAVITY SEWER REHABILITATION DSGN AJC CHK AACH CHK						4PVD		Y OF
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Jacobs. CIVIL PIPE SCHEDULE	10 10TH STREET ATLANTA, G. GA LIC# PEF000350			LOWER ROCKY	SEWER REHA			
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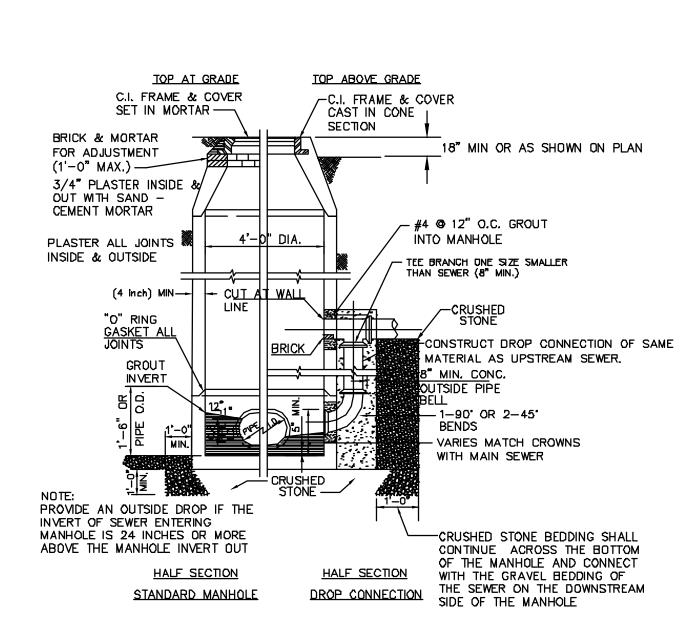




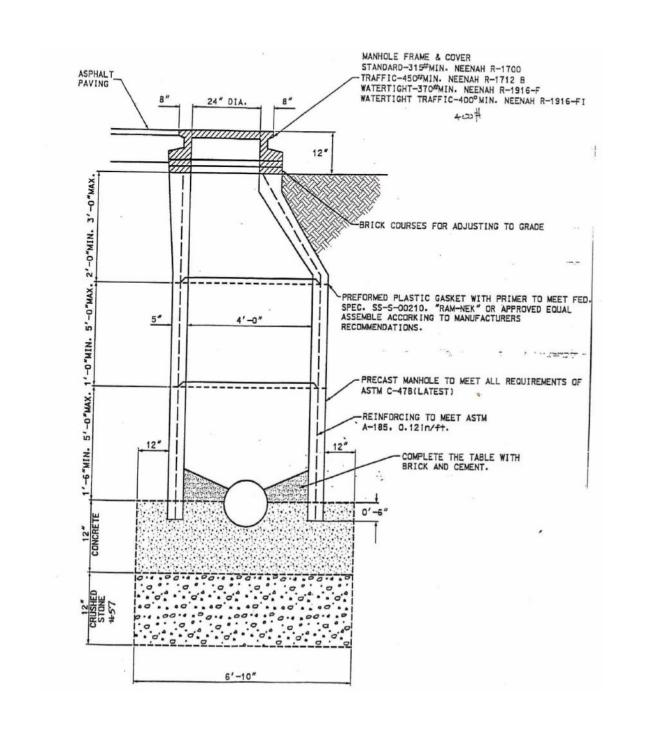








PRECAST CONCRETE MANHOLE DETAIL NTS MACON WATER AUTHORITY



LCT MCCALL

BUILT-IN-PLACE MANHOLE (DOGHOUSE MANHOLE) NTS MACON WATER AUTHORITY

Jacob	10 10TH STREET, SUITE 1400 ATLANTA; GA 30309 GA LIC# PEF000350 (EXP 6/30/2026)	
STANDARD DET	TAILS 42" & 24" GRAVITY SEWER REHABILITATION	NO DS(
	REUSE OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCOF	Š

ECCENTRIC MANHOLE TOP SECTION

ADJUSTMENT OF GRADE COULD OCCUR IN THE FUTURE.

USE IN STREETS AND OTHER LOCATIONS WHERE

NTS

AUGUST 2025

EEXK101 05-C-50

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

Ga

(Rt)

Sd1

Sd2

Sd3

Sd4

SEDIMENT BARRIER

INLET SEDIMENT TRAP

SEDIMENT BASIN

FLOATING SURFACE SKIMMER

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	SYMBOL	DESCRIPTION	CODE	PRACTICE	DETAIL	SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.	Sr	TEMPORARY STREAM CROSSING		(LABEL)	A temporary bridge or culvert—type structure protecting a stream or watercourse from damage by crossing construction equipment.
Ch	CHANNEL STABILIZATION		7	Improving, constructing or stabilizing an open channel, existing stream, or ditch.	St	STORMDRAIN OUTLET PROTECTION		St)	A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Co	CONSTRUCTION EXIT		(LABEL)	A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.	Su	SURFACE ROUGHENING		Su	A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Cr	CONSTRUCTION ROAD STABILIZATION		Cr Cr	A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on—site vehicle transportation routes.	Tc	TURBIDITY CURTAIN		Te	A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.	Тр	TOPSOILING	hand the same of t	(SHOW STRIPING AND STORAGE AREAS)	The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.	Tr	TREE PROTECTION	\odot	(DENOTE TREE CENTERS)	To protect desirable trees from injury during construction activity.
Dn1)	TEMPORARY DOWNDRAIN STRUCTURE		(LABEL)	A flexible conduit of heavy—duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.	Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE)	Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.
Dn2	PERMANENT DOWNDRAIN STRUCTURE		Dn2	A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.					

orm drain inlets and pond outlets.

into position forming soil stabilizing

Rock filter baskets which are hand-placed

channels or waterways where otherwise the slope would be sufficient for the running

water into less erosive sheet flow. This

should be constructed only on undisturbed

A permanent or temporary stone filter dam

installed across small stréams or

A wall installed to stabilize cut and fill slop

obtainable. Each situation will require special design.

A device or structure placed in front of a permanent stormwater detention pond outle

structure to serve as a temporary sediment

the construction site. It may be sandbags,

bales of straw or hay, brush, logs and pole

around a storm drain drop inlet. The

A basin created by excavation or a dam

completion of construction activities.

icross a waterway. The surface water runof

is temporarily stored allowing the bulk of the

disturbed area so that sediment can settle

sediment basin is the lack of a pipe or ris

from the surface of sediment ponds, traps,

basins at a controlled rate of flow.

Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration while creating multiple sedimentation chamb with the employment of intermediate dikes.

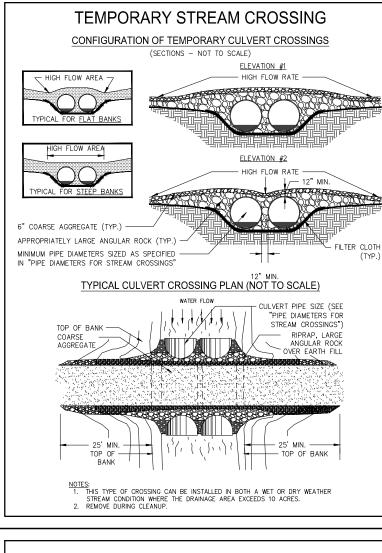
out. The principle feature distinguishing a temporary sediment trap from a temporary

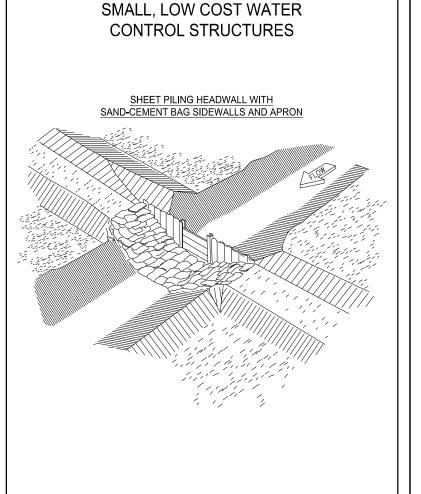
gravel, or a silt fence.

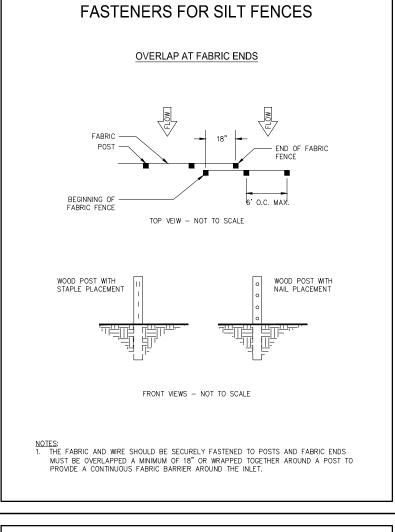
VEGETATIVE PRACTICES

	VEGET/ (TIVE I TO COTTOLO										
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION							
Bf	BUFFER ZONE		Bf (LABEL)	Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.							
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)	3 titel to the state of the	Cs	Planting vegetation on dunes that are denuded artificially constructed, or re-nourished.							
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.							
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)		Ds2	Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.							
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)	10, 10, 10 mg	Ds3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.							
Ds4	DISTURBED AREA STABILIZATION (SODDING)		Ds4	A permanent vegetative cover using sods on highly erodable or critically eroded lands.							
Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.							
FI-Co	FLOCCULANTS AND COAGULANTS		FI-Co	Substance formulated to assist in the solids/liquid separation of suspended particles in solution.							
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)		Sb	The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.							
Ss	SLOPE STABILIZATION		Ss	A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.							
Tac	TACKIFIERS AND BINDERS		Тас	Substance used to anchor straw or hay mulch by causing the organic material to bind together.							

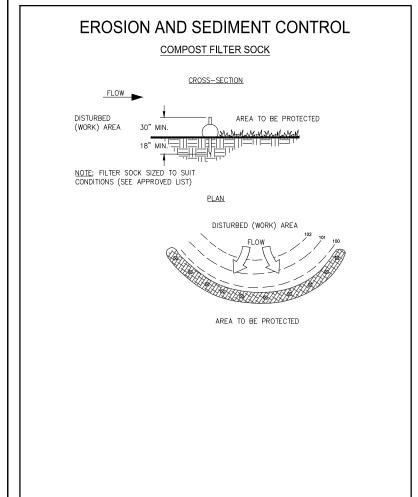
GaSWCC (Amended - 2013)



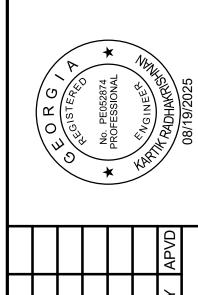




TYPICAL STRAW BALE CHECK DAM



SILT FENCE - TYPE SENSITIVE



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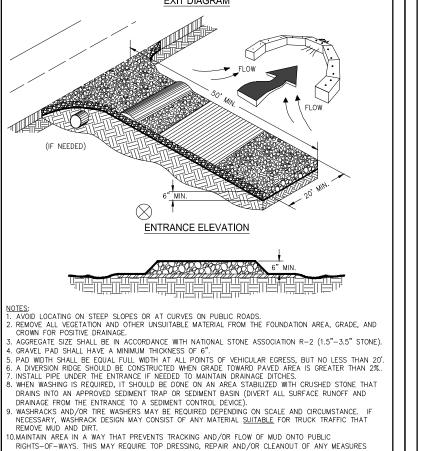
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4400	904.0	(/30/2026)		EK WRF	ATION	

DOCUMENTS **VERIFY SCALE** BAR IS ONE INCH ON ORIGINAL DRAWING. AUGUST 2025

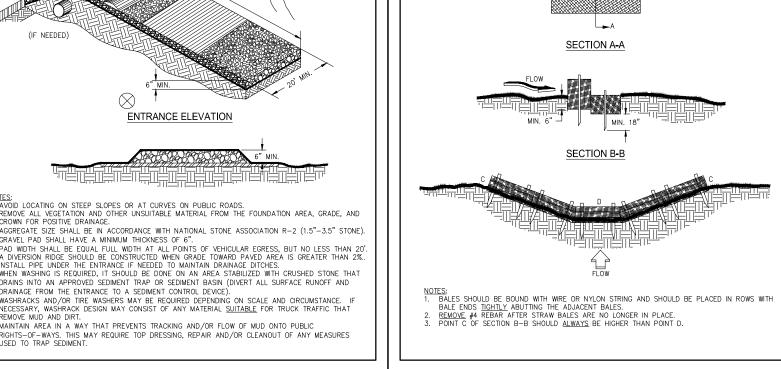
								<u>a</u>
FRONT VIEW 4' MAX. O.C. (WOVEN WIRE FENCE BACKING)	_					NO. DATE	DSGN	
NOTES: 1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.		10 10TH STREET, SUITE 1400 ATLANTA; GA 30309 GA LIC# PEF000350 (EXP 6/30/2026)			LOWER ROCKY CREEK WRF 42" & 24" GRAVITY	SEWER REHABILITATION		
protection for seedlings may not have on to produce an								
nt vegetative cover vines, grasses, or reas.		Jacobs		CIVIL	RD DETAILS			
cover using sods on ally eroded lands.		())	ı	STANDA			
las part of a								

TEMPORARY STREAM CROSSINGS	
TEMPORARY BRIDGE CROSSING	
TEMPORARY BRIDGE ABUTMENT STEEL CABLE OR CHAIN ACCEPTABLE ANCHOR SURFACE FLOW DIVERTED BY SWALE AND/OR DIKE	ৰ
	NO 1. 2. 3. 4. 5. 6. 7. 8.

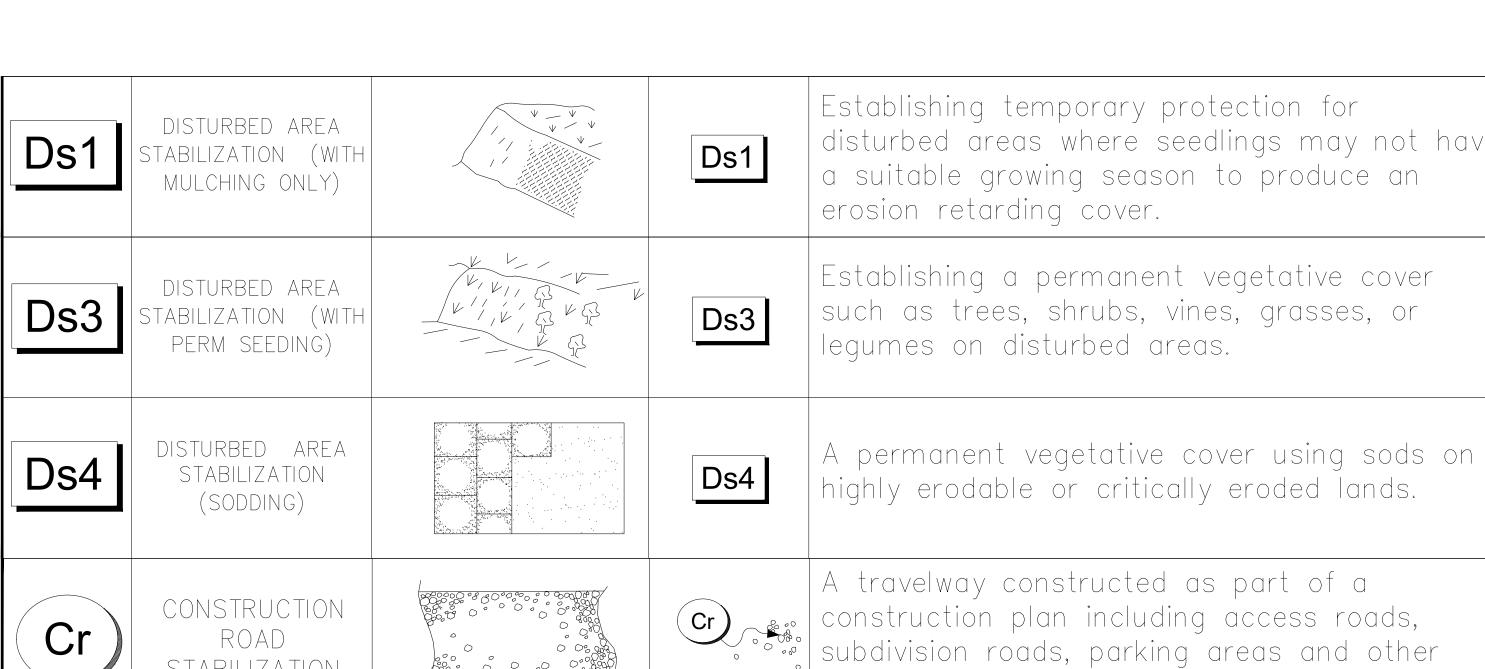
STABILIZATION



CRUSHED STONE CONSTRUCTION EXIT



SEE DETAIL FOR PLACEMENT OF BALE



on-site vehicle transportation routes.

EEXK101

05-C-50