



AUGUSTA REGIONAL AIRPORT

NORTHWEST DEVELOPMENT ROADWAY & UTILITY

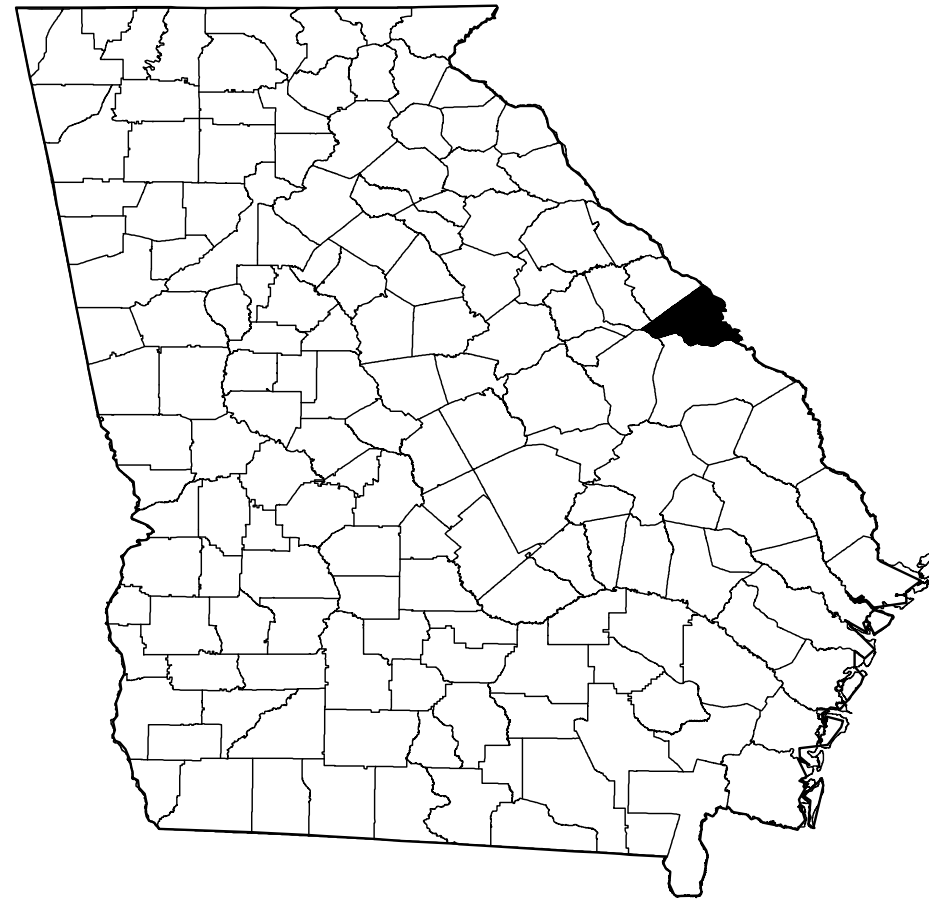
1501 AVIATION WAY

AUGUSTA, GEORGIA 30906

0119700-221068.01

ISSUED FOR BID - ADDENDUM 1

MARCH 6, 2026



RICHMOND COUNTY

WATER QUALITY BMP'S PER DRAINAGE BASIN			
DB 1	DB 2	DB 3	DB 4
-VEGETATED FILTER STRIP -GRASSED CHANNEL	-VEGETATED FILTER STRIP -GRASSED CHANNEL	-VEGETATED FILTER STRIP -STORMWATER WETLANDS	-GRASSED CHANNEL -STORMWATER WETLANDS
DB 5	DB 6	DB 7	
-GRASSED CHANNEL -STORMWATER WETLANDS	-VEGETATED FILTER STRIP -GRASSED CHANNEL -STORMWATER WETLANDS	-VEGETATED FILTER STRIP -GRASSED CHANNEL -STORMWATER WETLANDS	

NOTE:
UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS OR PLAN DETAILS, ALL MATERIALS USED SHALL BE IN ACCORDANCE WITH GEORGIA DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS, 2020 EDITION OR BY SPECIAL PROVISION.

VICINITY MAP



Sheet List Table	
Sheet Number	Sheet Title
GENERAL	
G-001	COVER SHEET
G-003	LEGEND & ABBREVIATIONS
G-021	PROJECT LAYOUT
G-031	EXISTING CONDITIONS
G-041	SURVEY CONTROL PLAN
G-061	PROJECT QUANTITY TABLE
G-071	CONSTRUCTION & SAFETY PHASING NOTES
G-072	CONSTRUCTION & SAFETY PHASING NOTES
G-081	CONSTRUCTION & SAFETY PHASING KEY PLAN
G-082	CONSTRUCTION & SAFETY PHASING PLAN MATRIX
G-083	CONSTRUCTION & SAFETY PHASING WA 1
G-084	CONSTRUCTION & SAFETY PHASING WA 2
B-051	SOIL BORING PLAN
B-052	SOIL BORING LOGS
B-053	SOIL BORING LOGS
B-054	SOIL BORING LOGS
CIVIL	
C-021	ESPC PLAN - CHECKLIST
C-022	ESPC PLAN - NOTES
C-023	ESPC PLAN - NOTES
C-024	ESPC PLAN - NOTES
C-025	ESPC PLAN - NOTES
C-026	ESPC PLAN - OVERALL LAYOUT
C-027	ESPC PLAN - INITIAL PHASE
C-028	ESPC PLAN - INITIAL PHASE
C-029	ESPC PLAN - INITIAL PHASE
C-030	ESPC PLAN - GRADING PHASE
C-031	ESPC PLAN - GRADING PHASE
C-032	ESPC PLAN - GRADING PHASE
C-033	ESPC PLAN - FINAL PHASE
C-034	ESPC PLAN - FINAL PHASE
C-035	ESPC PLAN - FINAL PHASE
C-036	ESPC PLAN - DETAILS
C-037	ESPC PLAN - DETAILS
C-038	ESPC PLAN - DETAILS
C-039	ESPC PLAN - PRE-DEVELOPMENT DRAINAGE AREA MAP
C-040	ESPC PLAN - POST-DEVELOPMENT DRAINAGE AREA MAP
C-041	ESPC PLAN- WATER QUALITY MAP
C-051	DEMOLITION PLANS

Sheet List Table	
Sheet Number	Sheet Title
C-052	DEMOLITION PLANS
C-081	PROJECT GEOMETRICS STA 0+00 - 10+25
C-082	PROJECT GEOMETRICS STA 10+25 - 16+50
C-101	GRADING PLAN
C-102	GRADING PLAN
C-201	PAVING PLAN & PROFILE
C-202	PAVING PLAN & PROFILE
C-301	TYPICAL SECTIONS
C-400	WATER AND SEWER NOTES
C-401	SANITARY SEWER PLAN & PROFILE
C-402	SANITARY SEWER PLAN & PROFILE
C-403	SANITARY SEWER PLAN & PROFILE
C-404	SANITARY SEWER PLAN & PROFILE
C-411	SANITARY SEWER DETAILS
C-412	SANITARY SEWER DETAILS
C-413	SANITARY SEWER DETAILS
C-414	SANITARY SEWER DETAILS
C-421	WATER DISTRIBUTION PLAN & PROFILE
C-422	WATER DISTRIBUTION PLAN & PROFILE
C-423	WATER DISTRIBUTION PLAN & PROFILE
C-431	WATER DETAILS
C-432	WATER DETAILS
C-441	DRAINAGE PROFILES
C-451	DRAINAGE DETAILS
C-452	DRAINAGE DETAILS
C-453	DRAINAGE DETAILS
C-631	FENCING DETAILS
C-651	MARKING & SIGNAGE PLANS
C-652	MARKING & SIGNAGE PLANS
C-671	MARKING DETAILS
C-901	CROSS SECTIONS STA 01+00 TO 03+50
C-902	CROSS SECTIONS STA 04+00 TO 06+50
C-903	CROSS SECTIONS STA 07+00 TO 09+50
C-904	CROSS SECTIONS STA 10+00 TO 12+50
C-905	CROSS SECTIONS STA 13+00 TO 15+00
ELECTRICAL	
E-201	SITE LIGHTING AND CONDUIT PLAN
E-202	SITE LIGHTING AND CONDUIT PLAN
E-601	ELECTRICAL DETAILS
E-602	ELECTRICAL DETAILS

AUGUSTA - RICHMOND COUNTY PLANNING & DEVELOPMENT NOTES:

1. **TYPE OF BUSINESS:** PUBLIC NON-HUB COMMERCIAL SERVICE AIRPORT
2. **PROJECT DESCRIPTION:** THE CONSTRUCTION OF APPROXIMATELY 1,450 LF OF NEW TWO LANE ASPHALT ROADWAY, NEW 12" WATER LINE, NEW SANITARY SEWER, FENCING DEMOLITION, AND OTHER MISC. DRAINAGE & ELECTRICAL IMPROVEMENTS
3. **OWNER NAME:** AUGUSTA-RICHMOND COUNTY; MR. HERBERT JUDON, AAE, IAP EXECUTIVE DIRECTOR
 - 3.1. ADDRESS:1501 AVIATION WAY, AUGUSTA GA, 30906
 - 3.2. PHONE #: 706-798-3236
4. **DEVELOPER NAME:** TBD
 - 4.1. ADDRESS: TBD
 - 4.2. PHONE #: TBD
5. **24-HOUR CONTACT NAME:** ELIZABETH GILES, SR. CONSTRUCTION PROJECT MANAGER
 - 5.1. ADDRESS: 1501 AVIATION WAY, AUGUSTA GA, 30906
 - 5.2. PHONE #: 706-796-4010

PRIVATE AIRPORT ROADWAY*

PROJECT DATA TABLE	
TOTAL SITE AREA	17.3 AC
TOTAL DISTURBED AREA	17.3 AC
EXISTING IMPERVIOUS AREA	0 AC
PROPOSED IMPERVIOUS AREA	1.0 AC
TAX MAP 14 DIGIT PIN	159-0-002-00-0
CURRENT ZONING	INDUSTRIAL, GEN. BUSINESS
PROPOSED LAND USE	AIRPORT
REQUIRED SETBACKS	N/A

LOCATION MAP



Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID

1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

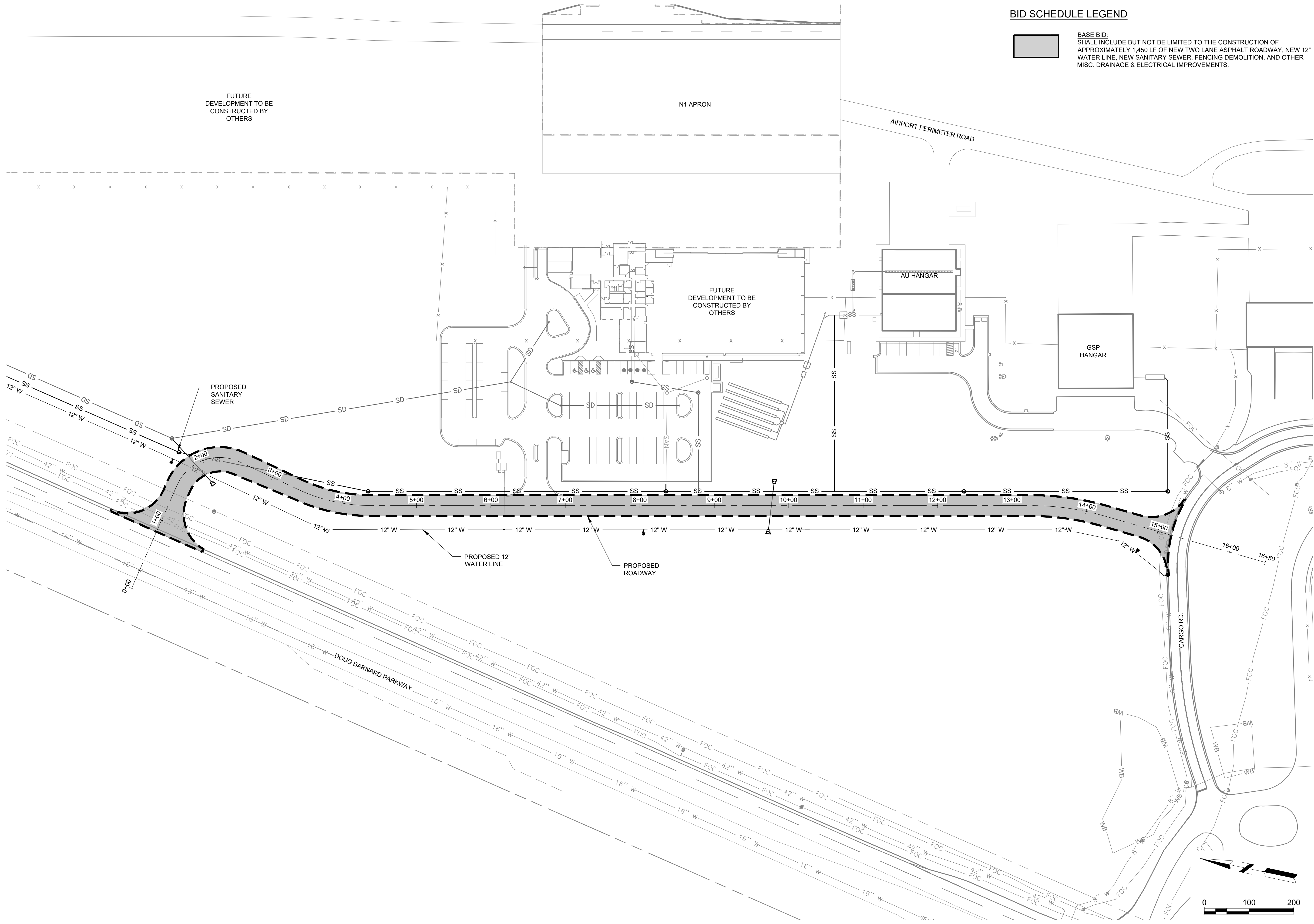
M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
COVER SHEET

SHEET NO.

G-001

X:\0119700\221068.01\TECH\DRAWINGS\G-021 PROJECT LAYOUT.DWG
3/3/2026 9:09:15 AM



Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
PROJECT LAYOUT

SHEET NO.

G-021

X:\0119700\021068.01\TECH\CADD\DRAWINGS\G-061 PROJECT QUANTITY TABLE.DWG
3/6/2026 1:21:33 PM

Summary of Quantities			
Spec	Item	Unit	Quantity
AGS NW Roadway - Base Bid			
GDOT 151-1000	Mobilization	LS	1
GDOT 163-0301	Construct & Remove Construction Exit	EA	1
GDOT 163-0542	Construct & Remove Stone Filter Rings	EA	2
GDOT 163-0550	Construct & Remove Inlet Sediment Trap	EA	1
GDOT 163-0232	Temporary Grassing	AC	4
GDOT 163-0240	Mulching	AC	4
GDOT 163-0541	Construct, Maintain, and Remove Rock Filter Dam	EA	3
GDOT 163-0527	Construct and Remove Stone Check Dams Except Fabric Dams	EA	5
GDOT 167-1500	Water Quality Inspections	MO	3
GDOT 167-1000	Water Quality Monitoring and Sampling	EA	6
GDOT 171-0010	Construct, Maintain, and Remove Temporary Silt Fence, Type A	LF	1627
GDOT 171-0030	Construct, Maintain, and Remove Temporary Silt Fence, Type C	LF	1102
GDOT 210-0100	Grading Complete	LS	1
GDOT 310-5080	Graded Aggregate Base	CY	1144
GDOT 400-3101	Hot Mix Asphaltic Concrete Construction, 12.5 mm Superpave	TON	1127
GDOT 413-1000	Bituminous Tack Coat	Gal	250
GDOT 441-0600	18" Concrete Headwall	EA	3
GDOT 550-5180	Storm Drain Pipe 18" RCP, Class III	LF	152
GDOT 610-6605	Removal of Misc. Roadway Items	EA	4
GDOT 603-2181	Rip Rap Type Class III, 18" Depth	SY	10
GDOT-636-1022	Highway Sign R1-1 30"x30" Type IX, Complete	EA	2
GDOT-636-1030	Highway Sign R2-1 24"x30" Type IX, Complete	EA	2
GDOT 636-2070	Galvanized Steel Post, TP 7	LF	45
GDOT 652-2402	Solid Traffic Stripe 4" Yellow	LF	2961
GDOT 652-2401	Solid Traffic Stripe 4" White	LF	2997
GDOT 652-5701	Solid Traffic Stripe 24" White	EA	2
GDOT 680-3600	25' Single Light Pole Installation, Complete	EA	6
GDOT 680-3600	25' Double Light Pole Installation, Complete	EA	5
GDOT-682a	Cable, 3 No. 10	LF	1494
GDOT-682b	Conduit, 1W-1" PVC	LF	1494
GDOT-682c	Conduit, 1W-4" PVC	LF	3444
GDOT 682-2130	Handhole Installation, Complete	EA	22
GDOT 682-9950	Directional Bore 2W-4"PVC	LF	124
GDOT 700-6910	Permanent Grassing	AC	3
GDOT 700-9300	Sod	SY	1700
F-162.1	Demolish Perimeter Fence and Mowstrip	LF	3090
F-162.2	Install New Airfield Perimeter Fence & Mow Strip	LF	567
WD-001	8" RJ DI Pipe (PC 350)	LF	60
WD-002	12" RJ DI Pipe (PC 350)	LF	2240
WD-003	Jack and Bore 24" Steel Casing Pipe (0.375" WT) w/ 12" RJ DIP Carrier Pipe	LF	180
WD-004	16"X12" Tapping Sleeve and Valve	EA	1
WD-005	8"X8" Tapping Sleeve and Valve	EA	1
WD-006	12"X8" RJ Reducer	EA	1
WD-007	12"X8" RJ Tee	EA	1
WD-008	12"X6" RJ Tee	EA	3
WD-009	12" RJ 11.25° Bend	EA	3
WD-010	12" RJ 22.5° Bend	EA	2
WD-011	12" RJ 45° Bend	EA	2
WD-012	12" RJ 90 Degree Bend	EA	3
WD-013	Fire Hydrant Assembly	EA	3
WD-014	12" Water Meter and Aboveground Enclosure	EA	1
WD-015	12" RPZ Backflow Preventer and Aboveground Enclosure	EA	1
WD-016	Traffic Control	LS	1
WD-017	Pavement Repair	SY	33
SS-001	8" SDR-26 PVC Sanitary Sewer Pipe (< 8' Depth)	LF	543
SS-002	8" RJ EDIP Sanitary Sewer Pipe (PC 350)	LF	25
SS-003	4" RJ EDIP Sewer Forcemain	LF	21
SS-004	Jack and Bore 16" Steel Casing Pipe (0.375" WT) w/ 8" RJ EDIP Carrier Pipe	LF	185
SS-005	4' Diameter Precast Concrete Manhole (< 8' Depth)	EA	4
SS-006	4' Diameter Precast Concrete Manhole; Additional Depth	VF	12
SS-007	Outside Drop Manhole Connection	EA	1
SS-008	Connect Gravity Sewer Main to Existing Manhole	EA	1
SS-009	Connect Forcemain to New Manhole	EA	1
SS-010	Sanitary Sewer Lift Station	LS	1
SS-011	Sanitary Sewer Lift Station - Electrical	LS	1
SS-012	8" SDR-26 PVC Sanitary Sewer Pipe (> 8' Depth)	LF	1992
SS-013	4' Diameter Precast Concrete Manhole (> 8' Depth)	EA	6
SS-014	6" SDR-26 PVC Sanitary Sewer Lateral	LF	405
SS-015	6" DIP Sanitary Sewer Lateral (PC 350)	LF	10
SS-016	8"X8"X6" Wye	EA	1
SS-017	6" Wye	EA	2
SS-018	6" SDR-26 PVC 45° Bend	EA	3
SS-019	Sewer Cleanout	EA	4



NOTE: SUMMARY OF QUANTITIES TABLE IS DESIGNED TO BE USED AS
REFERENCE IN THE FIELD. VALUES OUTLINED IN THE BID FORM TAKE
PRECEDENT OVER ANY VALUES SHOWN IN THE QUANTITY TABLE

Mead
&Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS

AUGUSTA

REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall
not be duplicated, disclosed, or used on any
other project or extension of this project
except by written agreement with Mead &
Hunt, Inc. Mead & Hunt shall not be
responsible for any unauthorized use of, or
alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

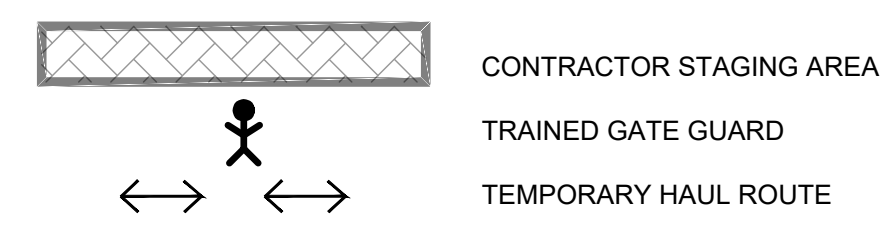
M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
PROJECT QUANTITY
TABLE

SHEET NO.

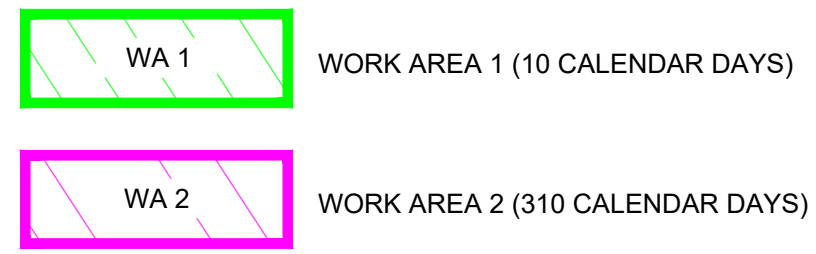
G-061

LEGEND

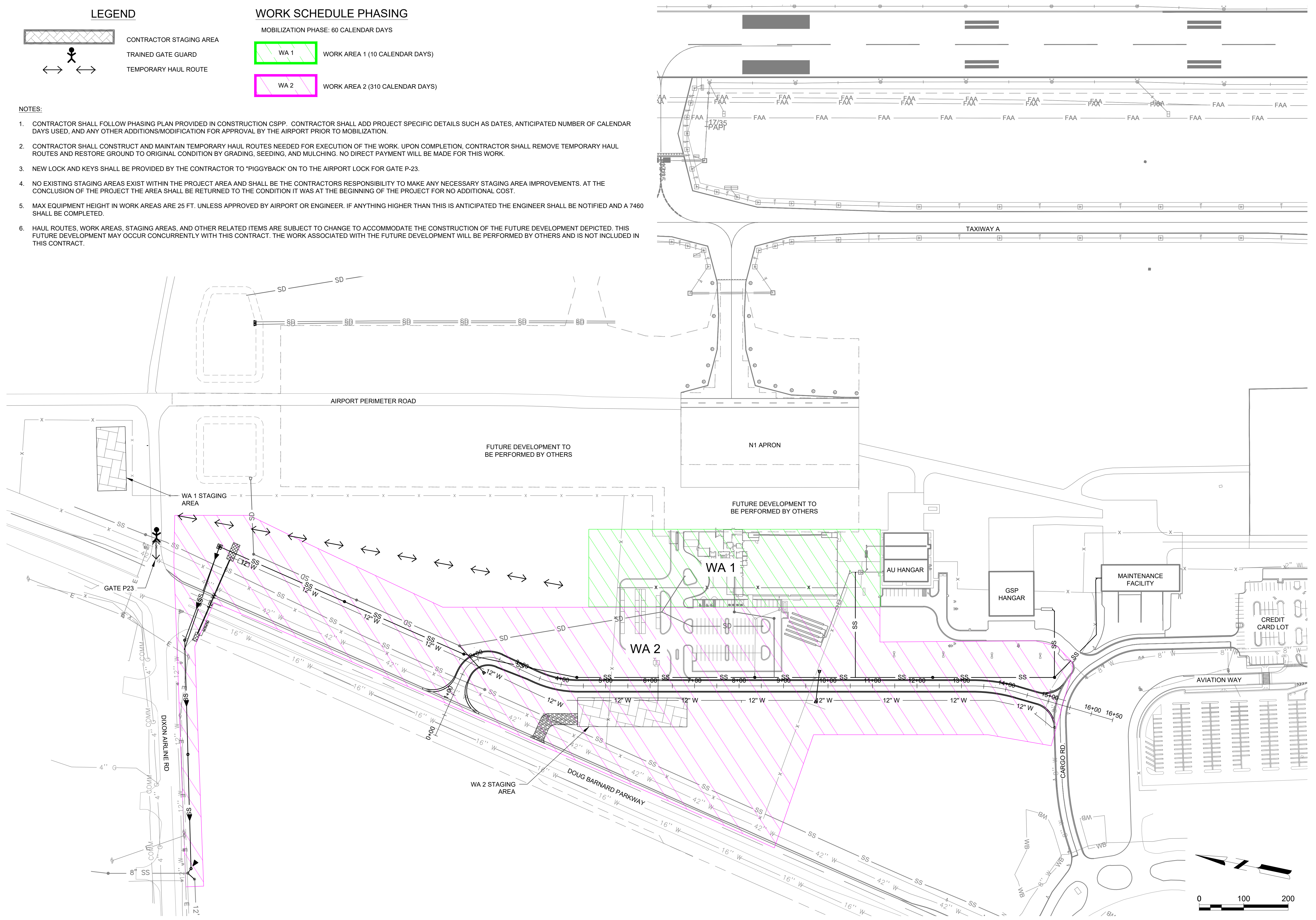


WORK SCHEDULE PHASING

MOBILIZATION PHASE: 60 CALENDAR DAYS



- NOTES:
- CONTRACTOR SHALL FOLLOW PHASING PLAN PROVIDED IN CONSTRUCTION CSPP. CONTRACTOR SHALL ADD PROJECT SPECIFIC DETAILS SUCH AS DATES, ANTICIPATED NUMBER OF CALENDAR DAYS USED, AND ANY OTHER ADDITIONS/MODIFICATION FOR APPROVAL BY THE AIRPORT PRIOR TO MOBILIZATION.
 - CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY HAUL ROUTES NEEDED FOR EXECUTION OF THE WORK. UPON COMPLETION, CONTRACTOR SHALL REMOVE TEMPORARY HAUL ROUTES AND RESTORE GROUND TO ORIGINAL CONDITION BY GRADING, SEEDING, AND MULCHING. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK.
 - NEW LOCK AND KEYS SHALL BE PROVIDED BY THE CONTRACTOR TO "PIGGYBACK" ON TO THE AIRPORT LOCK FOR GATE P-23.
 - NO EXISTING STAGING AREAS EXIST WITHIN THE PROJECT AREA AND SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAKE ANY NECESSARY STAGING AREA IMPROVEMENTS. AT THE CONCLUSION OF THE PROJECT THE AREA SHALL BE RETURNED TO THE CONDITION IT WAS AT THE BEGINNING OF THE PROJECT FOR NO ADDITIONAL COST.
 - MAX EQUIPMENT HEIGHT IN WORK AREAS ARE 25 FT. UNLESS APPROVED BY AIRPORT OR ENGINEER. IF ANYTHING HIGHER THAN THIS IS ANTICIPATED THE ENGINEER SHALL BE NOTIFIED AND A 7460 SHALL BE COMPLETED.
 - HAUL ROUTES, WORK AREAS, STAGING AREAS, AND OTHER RELATED ITEMS ARE SUBJECT TO CHANGE TO ACCOMMODATE THE CONSTRUCTION OF THE FUTURE DEVELOPMENT DEPICTED. THIS FUTURE DEVELOPMENT MAY OCCUR CONCURRENTLY WITH THIS CONTRACT. THE WORK ASSOCIATED WITH THE FUTURE DEVELOPMENT WILL BE PERFORMED BY OTHERS AND IS NOT INCLUDED IN THIS CONTRACT.



LEGEND



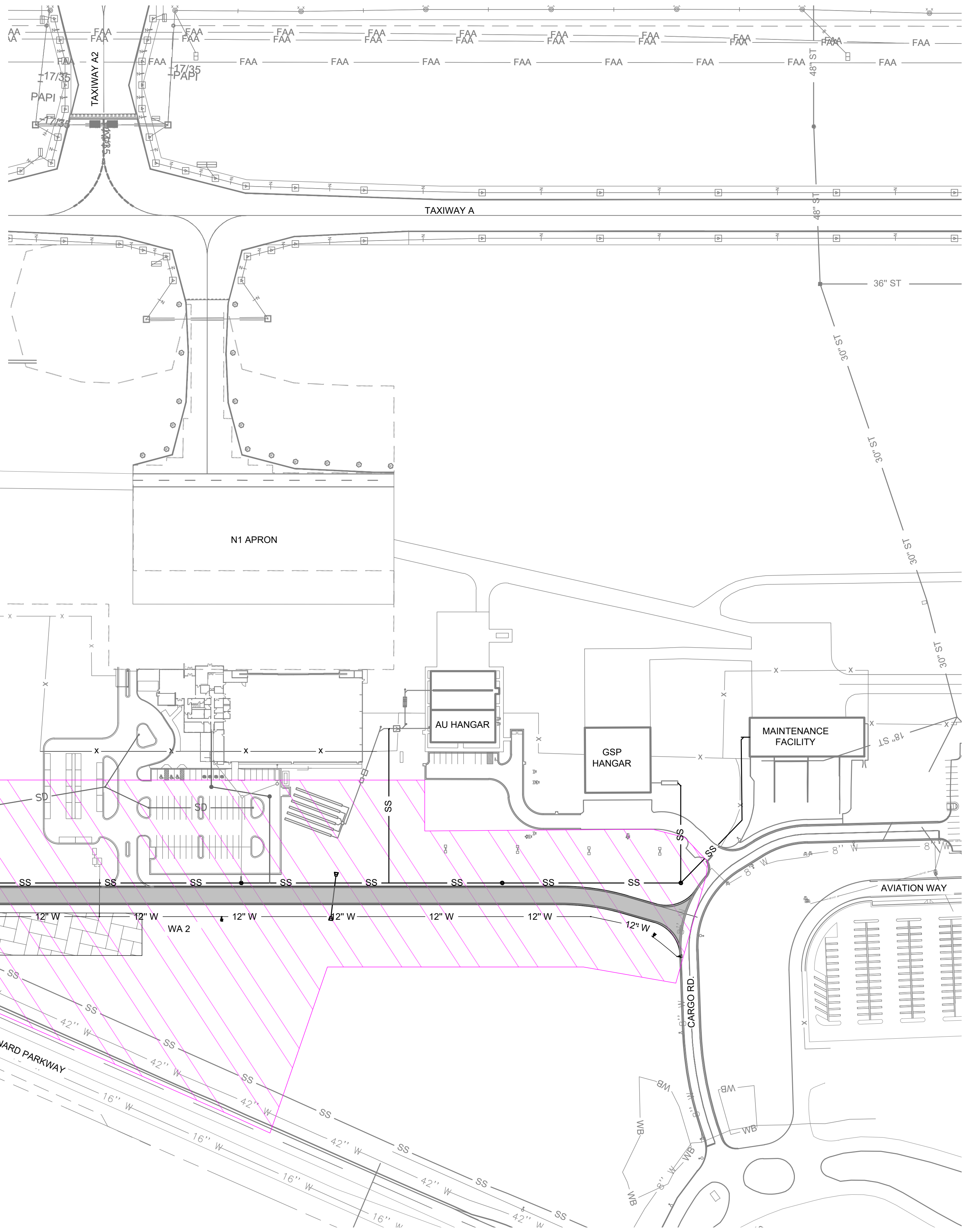
WORK SCHEDULE PHASING

MOBILIZATION PHASE: 60 CALENDAR DAYS

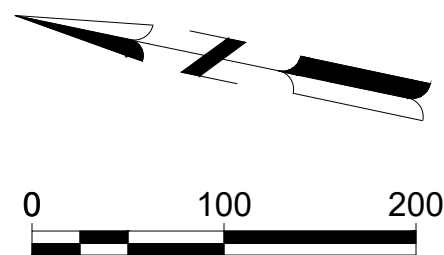


NOTES:

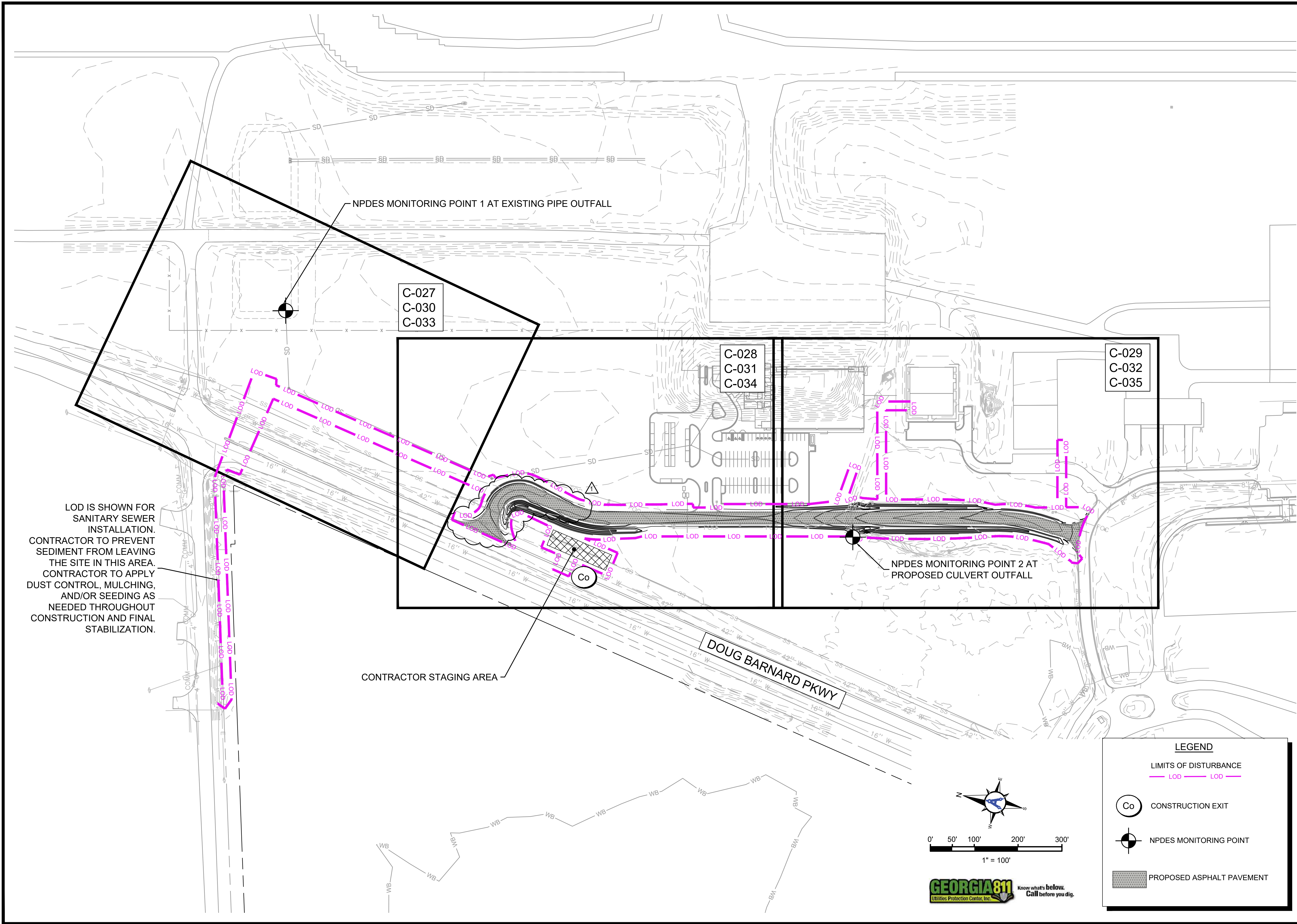
1. CONTRACTOR SHALL FOLLOW PHASING PLAN PROVIDED IN CONSTRUCTION CSPP. CONTRACTOR SHALL ADD PROJECT SPECIFIC DETAILS SUCH AS DATES, ANTICIPATED NUMBER OF CALENDAR DAYS USED, AND ANY OTHER ADDITIONS/MODIFICATION FOR APPROVAL BY THE AIRPORT PRIOR TO MOBILIZATION.
2. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY HAUL ROUTES NEEDED FOR EXECUTION OF THE WORK. UPON COMPLETION, CONTRACTOR SHALL REMOVE TEMPORARY HAUL ROUTES AND RESTORE GROUND TO ORIGINAL CONDITION BY GRADING, SEEDING, AND MULCHING. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK.
3. ACCESS TO RUNWAYS AND TAXIWAYS IS PROHIBITED WITHOUT PRIOR COORDINATION WITH THE ENGINEER AND THE AIRPORT.
4. MAX EQUIPMENT HEIGHT IN WORK AREAS ARE 25 FT. UNLESS APPROVED BY AIRPORT OR ENGINEER. IF ANYTHING HIGHER THAN THIS IS ANTICIPATED THE ENGINEER SHALL BE NOTIFIED AND A 7460 SHALL BE COMPLETED.
5. WORK WITHIN WORK AREA 2 SHALL NOT BEGIN UNTIL WORK WITHIN WA 1 IS COMPLETE AND ACCEPTED BY THE OWNER AND RPR.
6. CONTRACTOR SHALL COMPLY WITH ALL GDOT, COUNTY, AND CITY REQUIREMENTS NECESSARY FOR ROADWAY/TRAFFIC SAFETY FOR DIXON AIRLINE RD, CARGO RD, AND DOUG BARNARD PARKWAY.
7. VEHICLES AND EQUIPMENT SHALL NOT BE PARKED WITHIN 10' OF THE AIRPORT PERIMETER FENCE.



WORK AREA	GENERAL WORK SCOPE	AFFECTED AOA	WORK HOURS	CALENDAR DAYS	SAFETY AND SECURITY
WA 2	THE DEMOLITION, APPROXIMATELY 3,000 LF OF EXISTING PERIMETER FENCE AND MOWSTRIP. THE CONSTRUCTION OF APPROXIMATELY 1,450 LF OF NEW ASPHALT ROADWAY, APPROXIMATELY 2,700 LF OF 12" PVC SANITARY SEWER PIPE, APPROXIMATELY 1,450 LF OF 12" DIP WATER PIPE, AND MISC. DRAINAGE AND ELECTRICAL IMPROVEMENTS.	N/A	24 HOURS	310	1. THE CONTRACTOR SHALL NOT PARK VEHICLES OR EQUIPMENT CLOSER THAN 10' TO ACTIVE AIRPORT PERIMETER FENCE 2. CONTRACTOR SHALL COMPLY WITH STATE AND LOCAL ROADWAY CONSTRUCTION REQUIREMENTS.



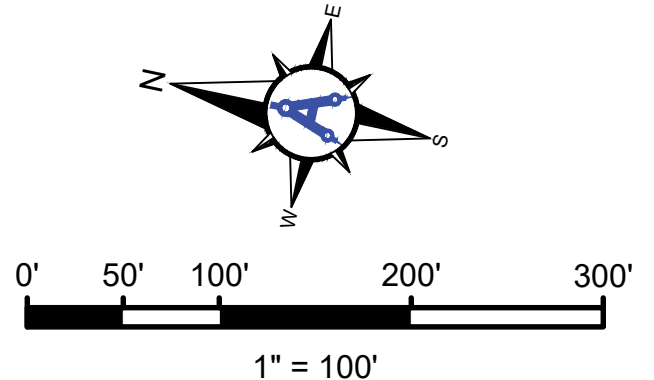
C:\AULICK\AULICK ENGINEERING\10_M&H - PROJECTS\1001_AGS N ROADWAY\2 DESIGN\2E DWG\2E 4 SHEETS\C-026 KEY MAPS.DWG
3/3/2026 1:39:19 PM



LOD IS SHOWN FOR
SANITARY SEWER
INSTALLATION.
CONTRACTOR TO PREVENT
SEDIMENT FROM LEAVING
THE SITE IN THIS AREA.
CONTRACTOR TO APPLY
DUST CONTROL, MULCHING,
AND/OR SEEDING AS
NEEDED THROUGHOUT
CONSTRUCTION AND FINAL
STABILIZATION.

CONTRACTOR STAGING AREA

DOUG BARNARD PKWY



LEGEND

LIMITS OF DISTURBANCE
— LOD — LOD —

Co CONSTRUCTION EXIT

NPDES MONITORING POINT

PROPOSED ASPHALT PAVEMENT

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall
not be duplicated, disclosed, or used on any
other project or extension of this project
except by written agreement with Mead &
Hunt, Inc. Mead & Hunt shall not be
responsible for any unauthorized use of, or
alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT**

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
11/21/2025 ISSUED FOR
1 3/6/2026 ADDENDUM 1
PERMITTING

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: HCA
DRAWN BY: HCA
CHECKED BY: WMM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
EROSION, SEDIMENT,
& POLLUTION
CONTROL PLAN-
OVERALL LAYOUT

SHEET NO.

C-026

ES&PCP SEQUENCE - GRADING PHASE

1. MAINTAIN CONSTRUCTION EXIT AND PERIMETER CONTROLS.
2. BEGIN EARTHMOVING OPERATIONS.
3. ADD Cd-S IN NEW CHANNELS.
4. INSTALL INLET SEDIMENT TRAPS (Sd2-F) AND ROCK DAMS (Rd).
5. AT THE END OF EACH DAY, STABILIZE ANY AREAS THAT WILL NOT BE RE-DISTURBED WITHIN 14 DAYS WITH TEMPORARY MULCHING OR TEMPORARY VEGETATION (Ds1, Ds2). ANY SLOPES GREATER THAN 5FT SHALL RECEIVE MATTING AND GRASSING.
6. APPLY DUST CONTROL (Du) WHEN WARRANTED.
7. MAINTAIN AND CLEAN UP ALL EROSION CONTROL STRUCTURES DURING THE PROJECT DURATION.
8. PROVIDE ADDITIONAL MEASURES AS NECESSARY TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.
9. NOTIFY DESIGN ENGINEER IF ANY SEDIMENT EXITS THE PROJECT LIMITS.
10. CONSTRUCTION SEQUENCE IS RECOMMENDED BUT DOES NOT RELIEVE THE CONTRACTOR OF THE LIABILITY TO MEET PERMIT REQUIREMENTS.

GENERAL EROSION CONTROL NOTES

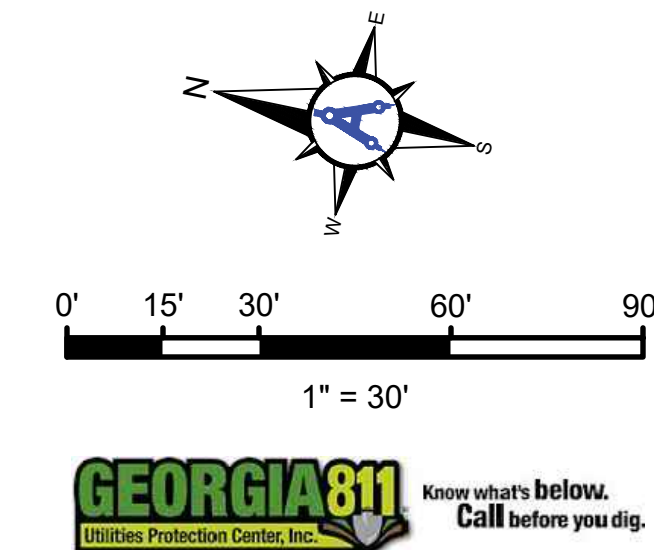
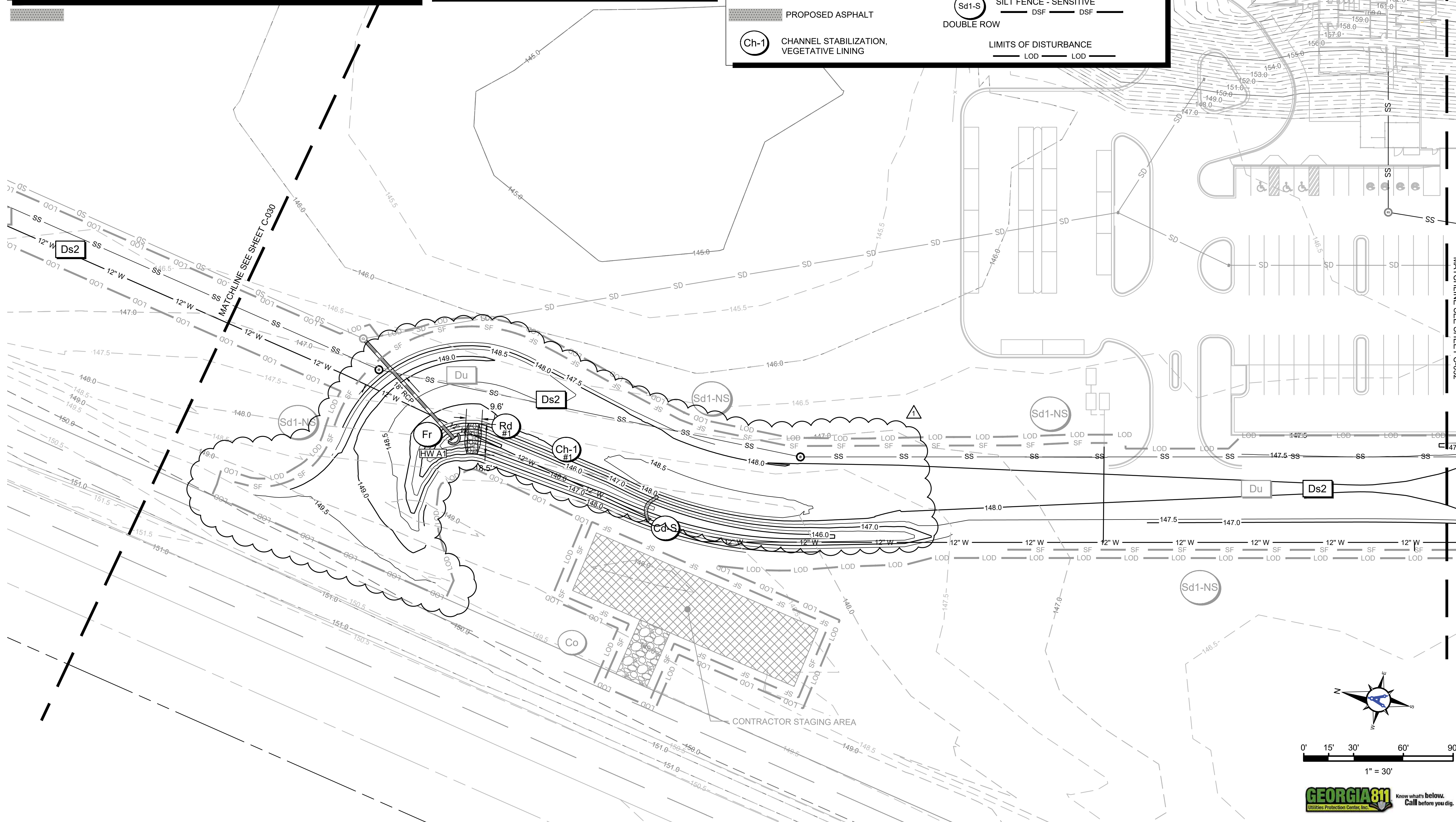
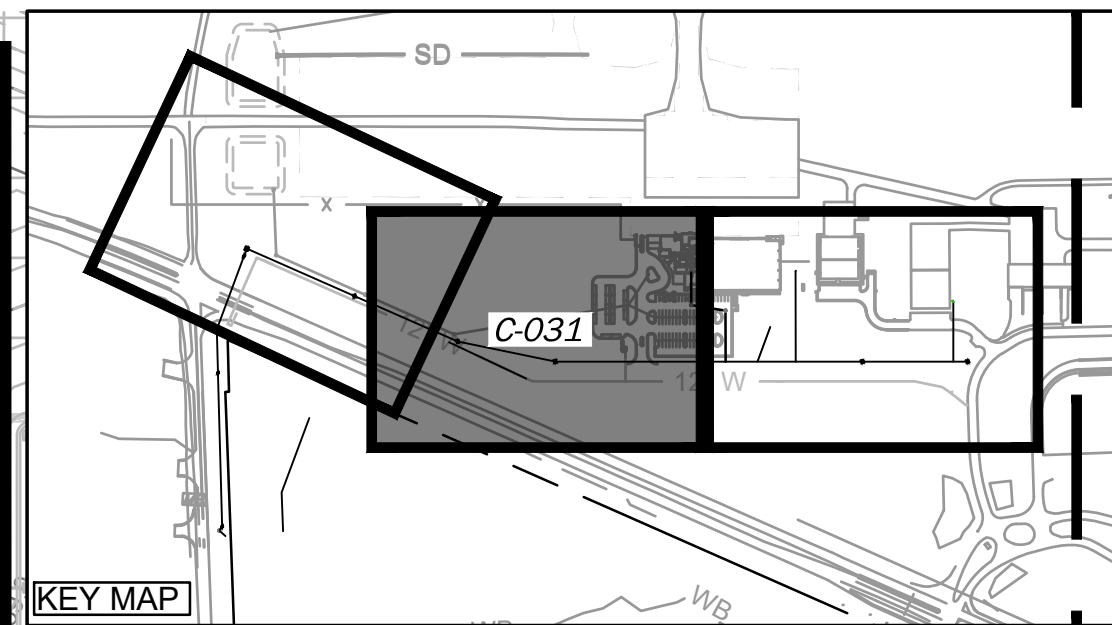
"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES."

"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

EROSION CONTROL LEGEND

Du	DUST CONTROL	Co	CONSTRUCTION EXIT
Ds1	DISTURBED AREA STABILIZE WITH MULCHING	Sd2-F	FILTER FABRIC INLET PROTECTION
Ds2	DISTURBED AREA STABILIZE WITH TEMP. SEEDING	Rd	ROCK DAM
Ds3	DISTURBED AREA STABILIZE WITH PERM. VEGETATION	St	STORM DRAIN OUTLET PROTECTION
Ds4	DISTURBED AREA STABILIZE WITH PERM. SODDING	Fr	STONE FILTER RING
	EXISTING CONTOURS	Sd1-NS	SILT FENCE - NON-SENSITIVE
	PROPOSED CONTOURS	Sd1-S	SILT FENCE - SENSITIVE
	PROPOSED ASPHALT		DOUBLE ROW
Ch-1	CHANNEL STABILIZATION, VEGETATIVE LINING		LIMITS OF DISTURBANCE
			LOD LOD



Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS AUGUSTA REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED 11/21/2025 ISSUED FOR PERMITTING ADDENDUM 1

WILLIAM M. MCNAMEARA
ENGINEER

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: HCA
DRAWN BY: HCA
CHECKED BY: WMM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
EROSION, SEDIMENT,
& POLLUTION
CONTROL PLAN -
GRADING PHASE

SHEET NO.

C-031

ES&PCP SEQUENCE - FINAL PHASE

1. MAINTAIN ALL BMPs FROM PREVIOUS PHASES AS SHOWN ON PLANS.
2. NOTIFY DESIGN ENGINEER IF ANY SEDIMENT EXITS THE PROJECT LIMITS.
3. PRIOR TO REMOVING ANY BMPs, MAINTAIN BMPs AND REMOVE SEDIMENT TO HAUL OFFSITE SO THAT WHEN BMPs ARE REMOVED, NO ADDITIONAL SEDIMENT WILL ESCAPE DOWNSTREAM.
4. REMOVE ALL BMPs THAT ARE IN AREAS THAT HAVE UNDERGONE FINAL STABILIZATION. KEEP BMPs IN PLACE WHERE UPSTREAM AREAS DO NOT HAVE 70% COVERAGE IN 100% OF THE AREA. REMOVE THESE BMPs ONLY AFTER THE AREAS HAVE REACHED FINAL STABILIZATION.
5. MAINTAIN AND CLEAN UP ALL EROSION CONTROL STRUCTURES UNTIL FINAL STABILIZATION. INSTALL ADDITIONAL MEASURES AS NEEDED.
8. STABILIZE AREAS WITH PERMANENT VEGETATION (Ds3).
9. INSTALL SOD (Ds4) ALONG NEW PAVEMENT INSTALLATION.
10. ONCE SITE HAS REACHED FINAL STABILIZATION, NOTIFY ENGINEER AND AIRPORT FOR INSPECTION PRIOR TO FILING THE NOT.
11. CONSTRUCTION SEQUENCE IS RECOMMENDED BUT DOES NOT RELIEVE THE CONTRACTOR OF THE LIABILITY TO MEET PERMIT REQUIREMENTS.

GENERAL EROSION CONTROL NOTES

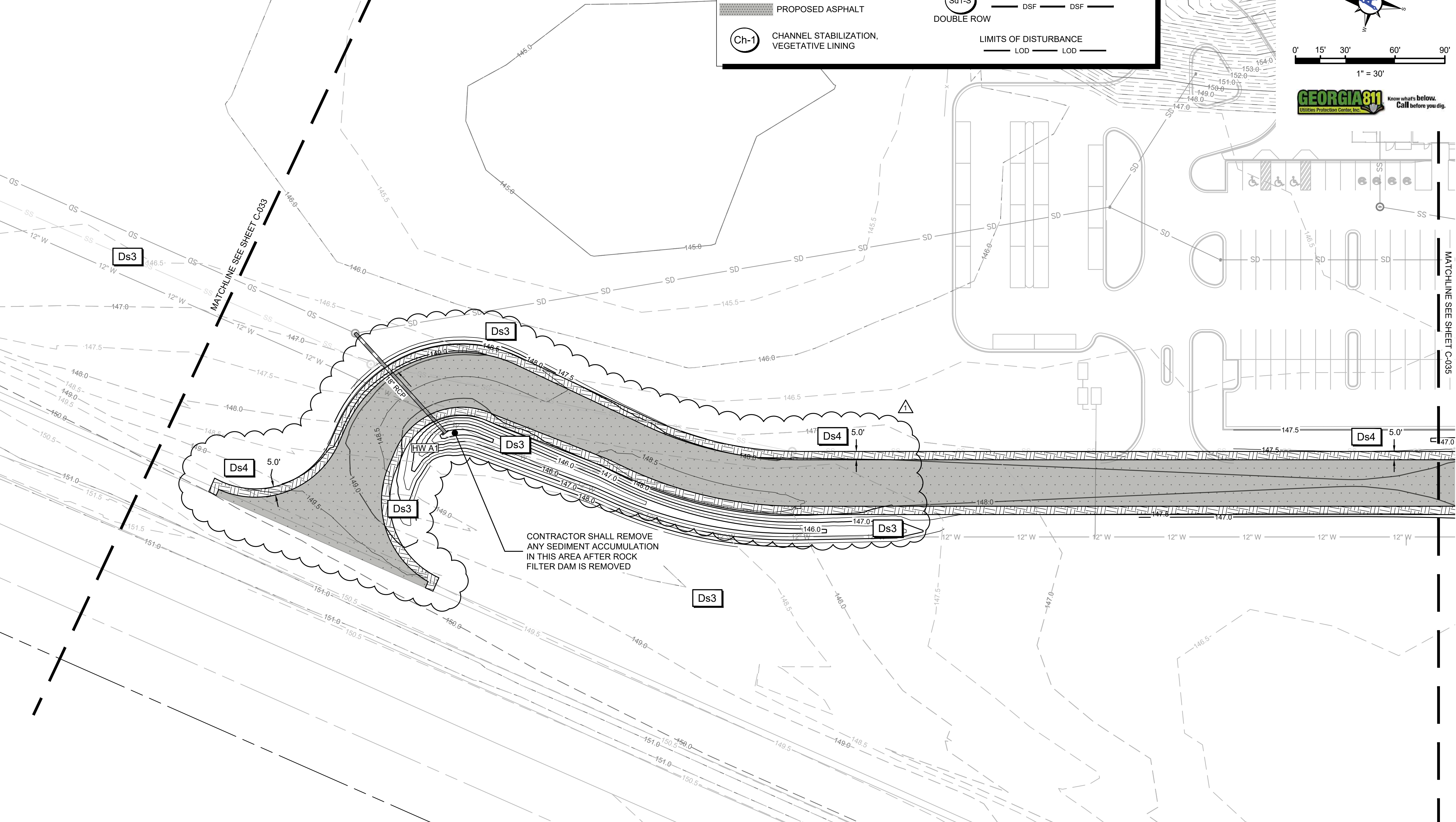
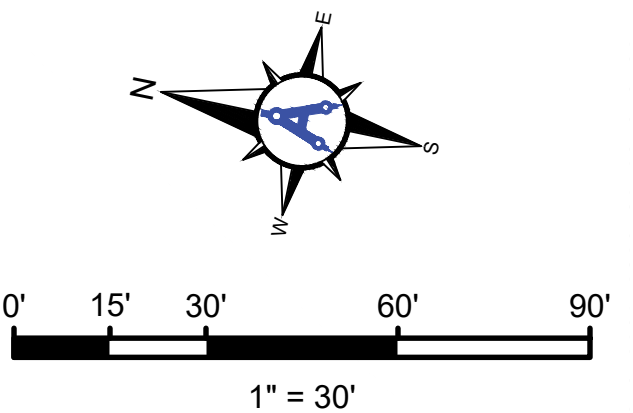
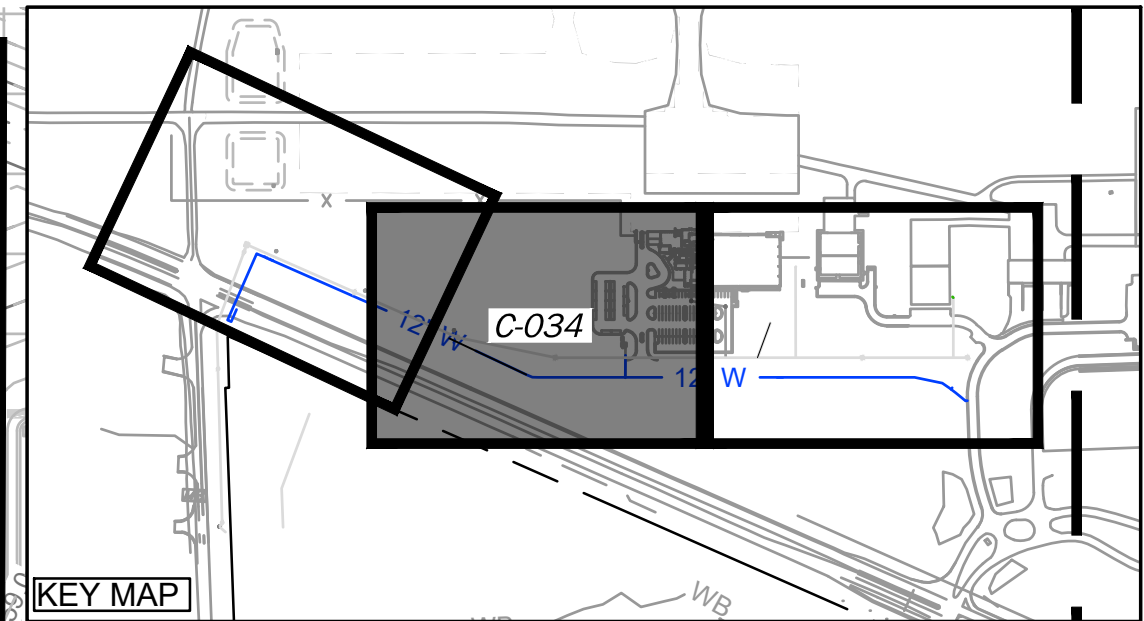
"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES."

"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

EROSION CONTROL LEGEND

Du	DUST CONTROL	Co	CONSTRUCTION EXIT
Ds1	DISTURBED AREA STABILIZE WITH MULCHING	Sd2-F	FILTER FABRIC INLET PROTECTION
Ds2	DISTURBED AREA STABILIZE WITH TEMP. SEEDING	Rd	ROCK DAM
Ds3	DISTURBED AREA STABILIZE WITH PERM. VEGETATION	St	STORM DRAIN OUTLET PROTECTION
Ds4	DISTURBED AREA STABILIZE WITH PERM. SODDING	Fr	STONE FILTER RING
XXXXX	EXISTING CONTOURS	Sd1-NS	SILT FENCE - NON-SENSITIVE
XXXXX	PROPOSED CONTOURS	Sd1-S	SILT FENCE - SENSITIVE
	PROPOSED ASPHALT		DOUBLE ROW
Ch-1	CHANNEL STABILIZATION, VEGETATIVE LINING		LIMITS OF DISTURBANCE
			LOD LOD



Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED 11/21/2025 ISSUED FOR PERMITTING ADDENDUM 1
3/6/2026

GEORGIA
REGISTERED
William M. McNamee
No. FE048285
PROFESSIONAL
3/3/26
ENGINEER
WILLIAM M. MCNAMEE

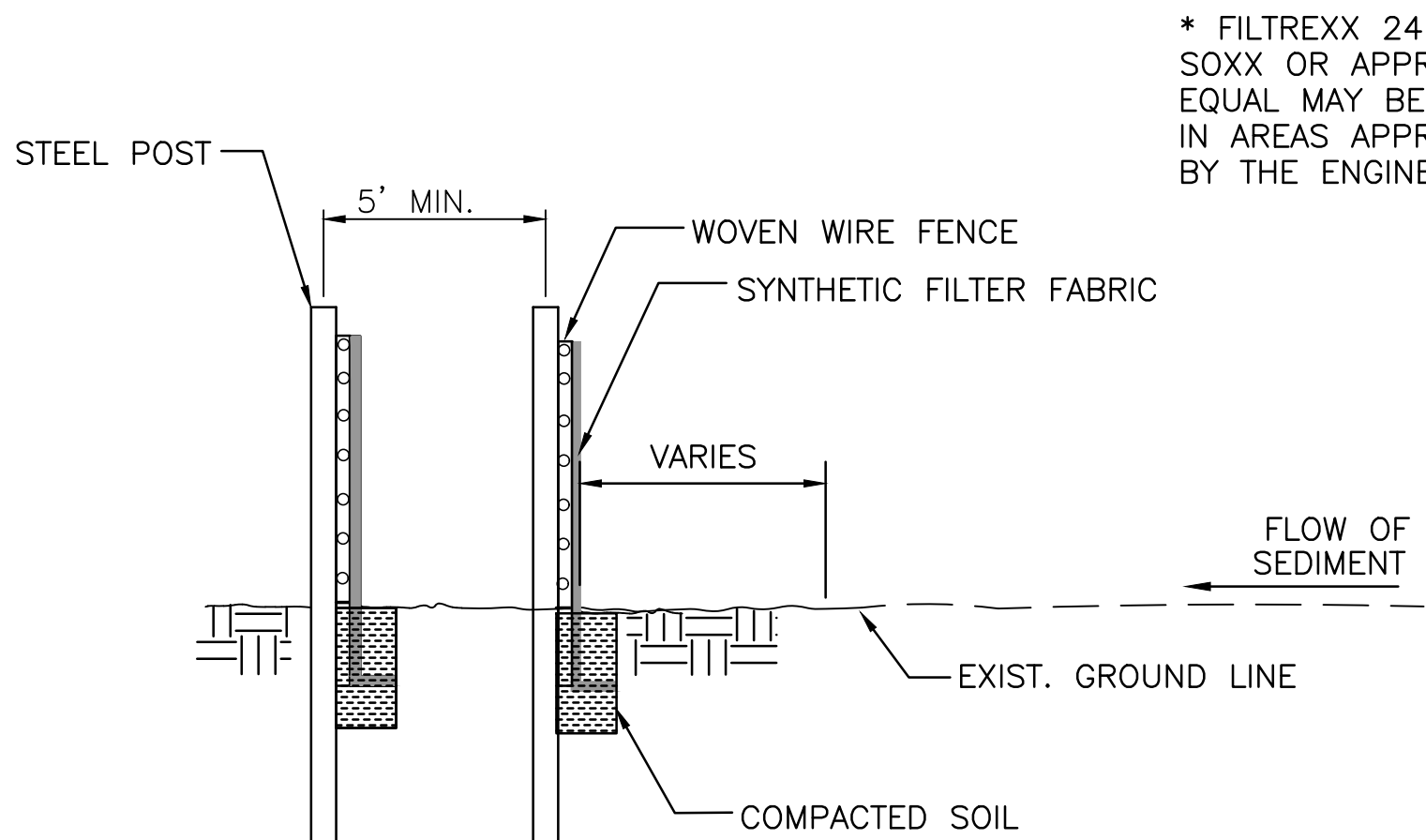
NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: HCA
DRAWN BY: HCA
CHECKED BY: WMM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
EROSION, SEDIMENT,
& POLLUTION
CONTROL PLAN -
FINAL PHASE

SHEET NO.

C-034



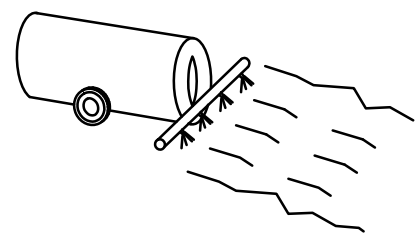
* FILTREXX 24" SOXX OR APPROVED EQUAL MAY BE USED IN AREAS APPROVED BY THE ENGINEER.

SECTION VIEW

NOTE:

1. MAINTAIN THROUGHOUT THE LIFE OF THE PROJECT.
2. THE COST OF DOUBLE ROW SILT FENCE, FILTER FABRIC, WIRE FENCE, AND STEEL POST SHALL BE INCLUDED IN THE COST OF TEMPORARY FENCE.
2. REFER TO Sd1-S OR Sd1-NS SILT FENCE DETAIL FOR HEIGHTS AND EMBEDDING DIMENSIONS.

DOUBLE ROW SILT FENCE
N.T.S.



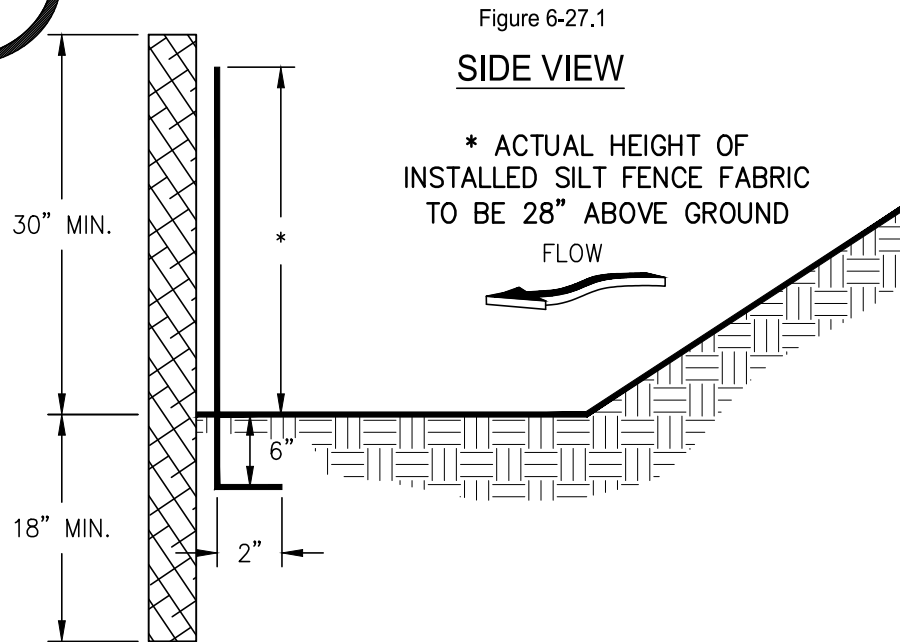
DEFINITION:
CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.

PURPOSE:
TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE, OR SAFETY, OR TO ANIMALS OR PLANT LIFE.

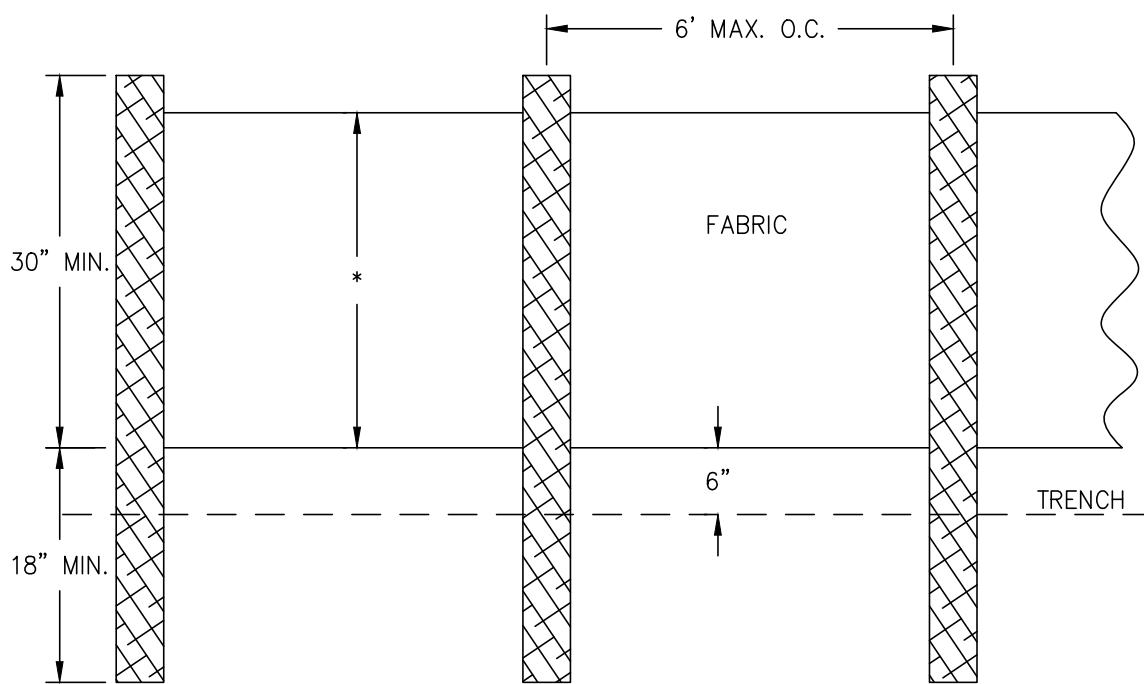
METHODS AND MATERIALS:
A.) TEMPORARY METHODS—MAY INCLUDE MULCHES (Ds1), (Ds2), SPRAY ON ADHESIVES, TACKIFIERS, IRRIGATION, BARRIERS, CALCIUM CHLORIDE.
B.) PERMANENT METHODS—MAY INCLUDE PERMANENT VEGETATION(Ds3), TOP SOILING, STONE, CONSTRUCTION ROAD STABILIZATION.

Du DUST CONTROL ON DISTURBED AREAS

Sd1-NS SILT FENCE - TYPE NON-SENSITIVE



FRONT VIEW

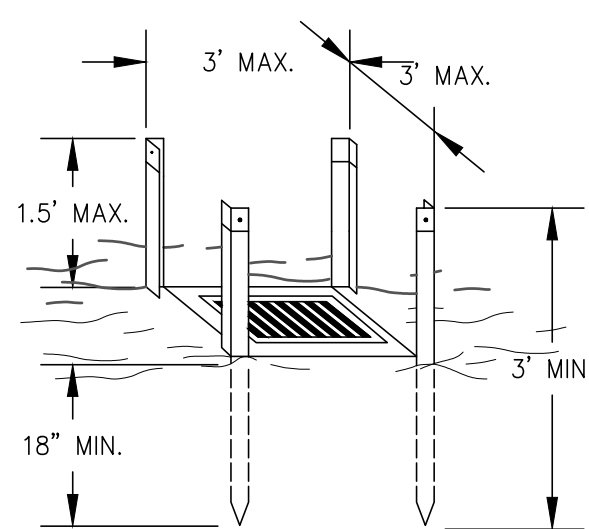


- NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE ES&PCP.
 2. HEIGHT (*) IS TO BE 28"

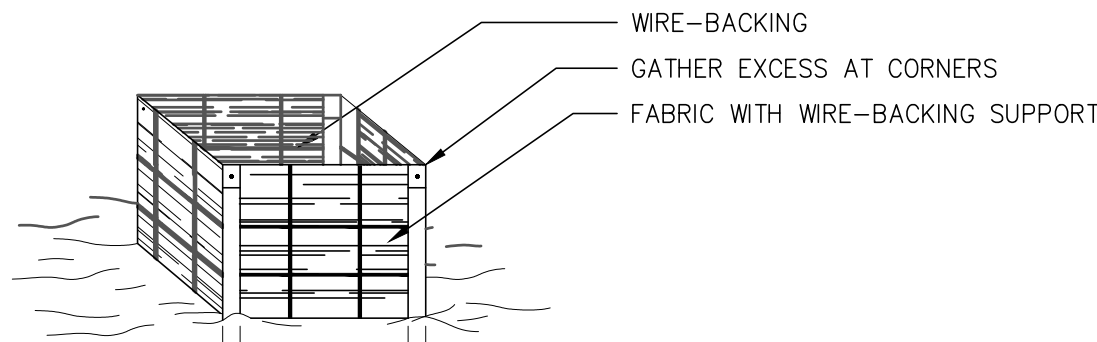
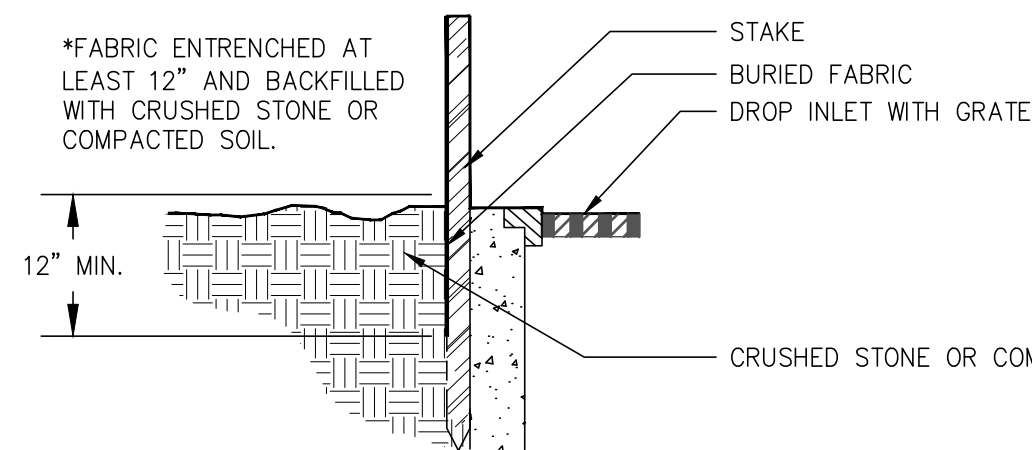
Sd2-F FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

Figure 6-28.1

STEEL FRAME AND SILT FENCE INSTALLATION



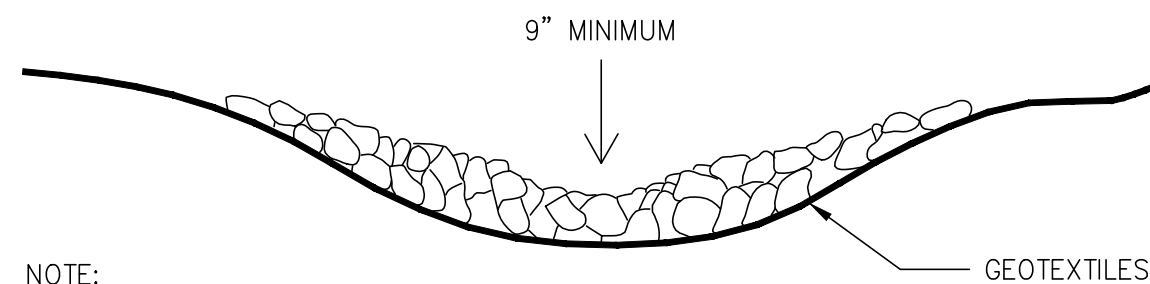
- NOTES:
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.



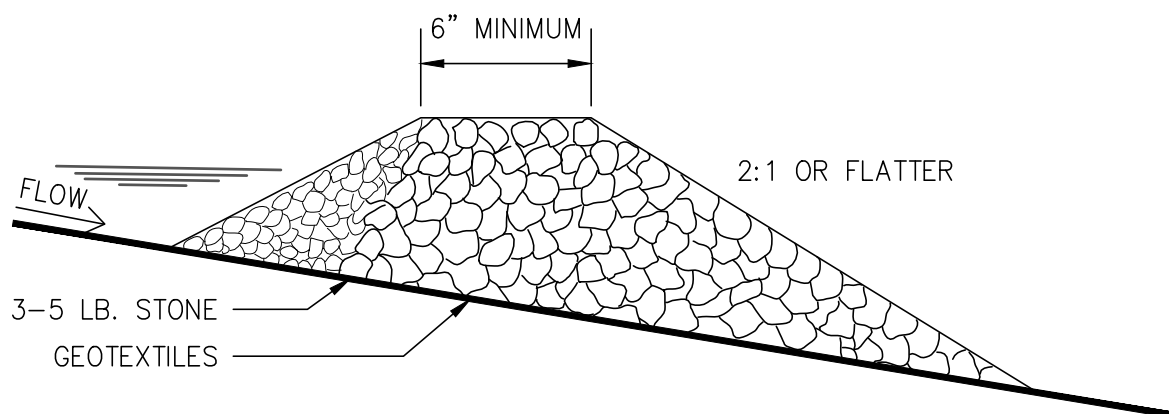
Rd

ROCK FILTER DAM

Figure 6-24.1



NOTE:
ROCK FILTER DAM IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.



NOTE:
ROCK SIZE DETERMINED ACCORDING TO SPECIFICATIONS SET FORTH IN APPENDIX C.

Rd #	BOTTOM ELEV.	TOP ELEV.	DRAINAGE AREA (ac)	SEDIMENT STORAGE REQUIRED (cf)	SEDIMENT STORAGE PROVIDED (cf)
1	145.0	147.0	0.98	1,777	2,958
2	148.0	149.5	0.48	861	1,314
3	148.0	149.5	0.46	839	485

*Note: Rock dam (Rd) to back up water into channel and provide sediment storage. Sediment Storage Provided is the volume of the channel between the provided elevations.

Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
11/21/2025 ISSUED FOR
1 3/6/2026 PERMITTING
ADDENDUM 1



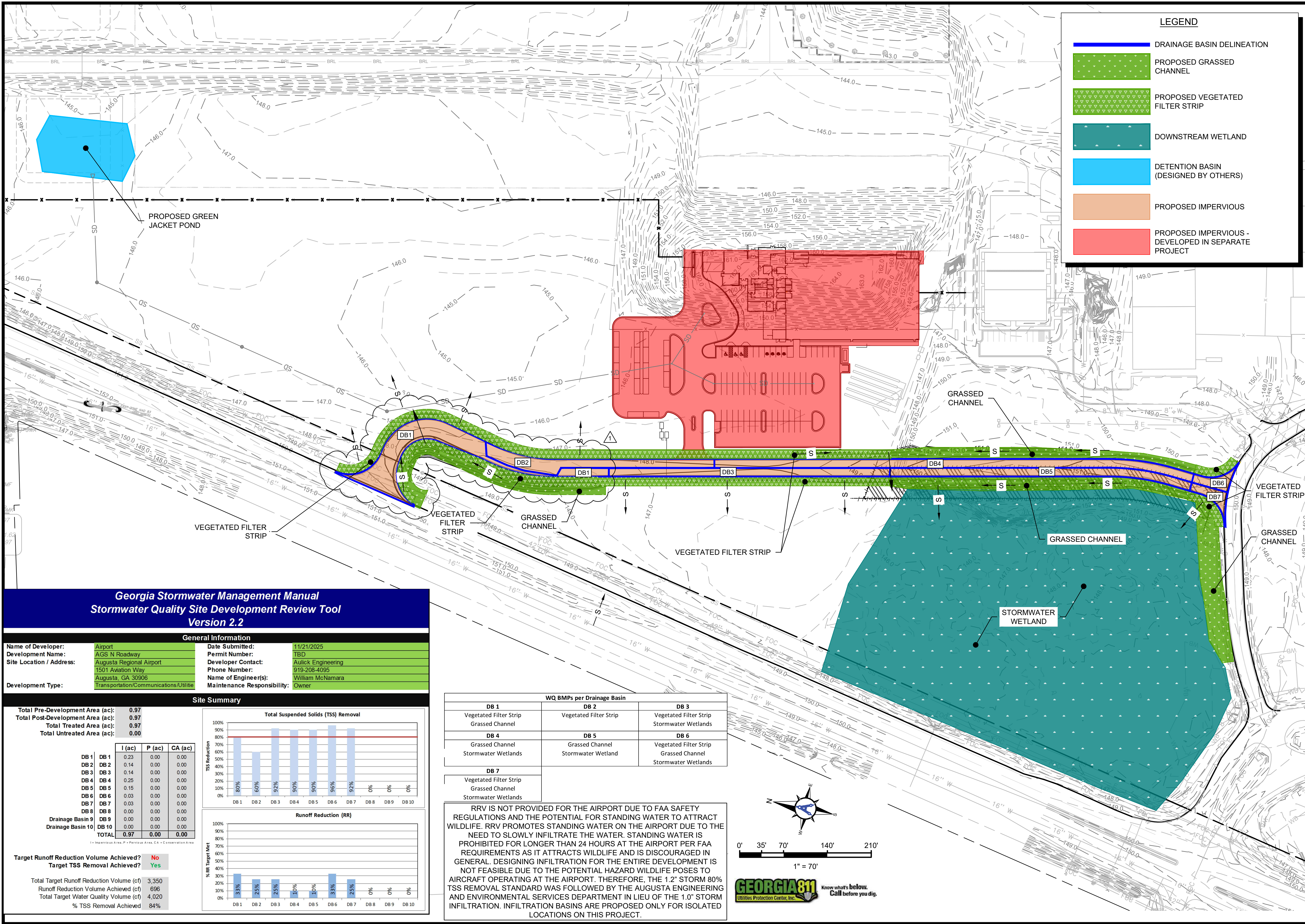
NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: HCA
DRAWN BY: HCA
CHECKED BY: WMM
DO NOT SCALE DRAWINGS

SHEET CONTENTS
EROSION, SEDIMENT, &
POLLUTION CONTROL
PLAN - DETAILS
(SHEET 2 OF 3)

SHEET NO.

C-036



Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS AUGUSTA REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT NORTHWEST DEVELOPMENT

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED 11/21/2025 ISSUED FOR PERMITTING ADDENDUM 1

1 3/6/2026

REGISTERED PROFESSIONAL ENGINEER

WILLIAM M. MCNAMARA

No. FE048285

3/3/26

M&H NO.: NOVEMBER 21, 2025
DATE: NOVEMBER 21, 2025
DESIGNED BY: HCA
DRAWN BY: HCA
CHECKED BY: WMM
DO NOT SCALE DRAWINGS

SHEET CONTENTS: EROSION, SEDIMENT, & POLLUTION CONTROL PLAN-WATER QUALITY MAP

SHEET NO. C-041

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM

1 3/6/2026 ADDENDUM

NOT FOR CONSTRUCTION

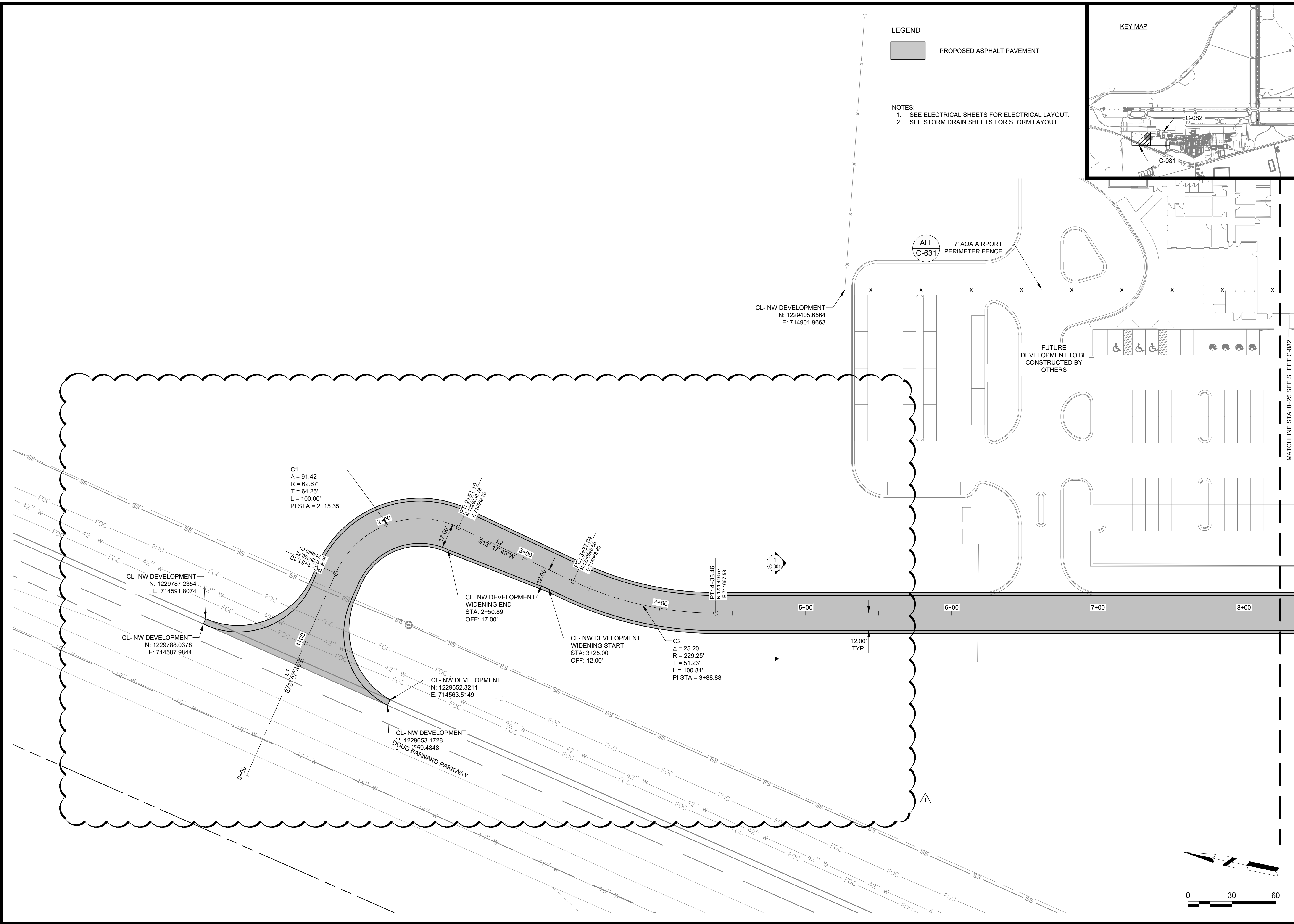
M&H NO.: 0119700-221068.0
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

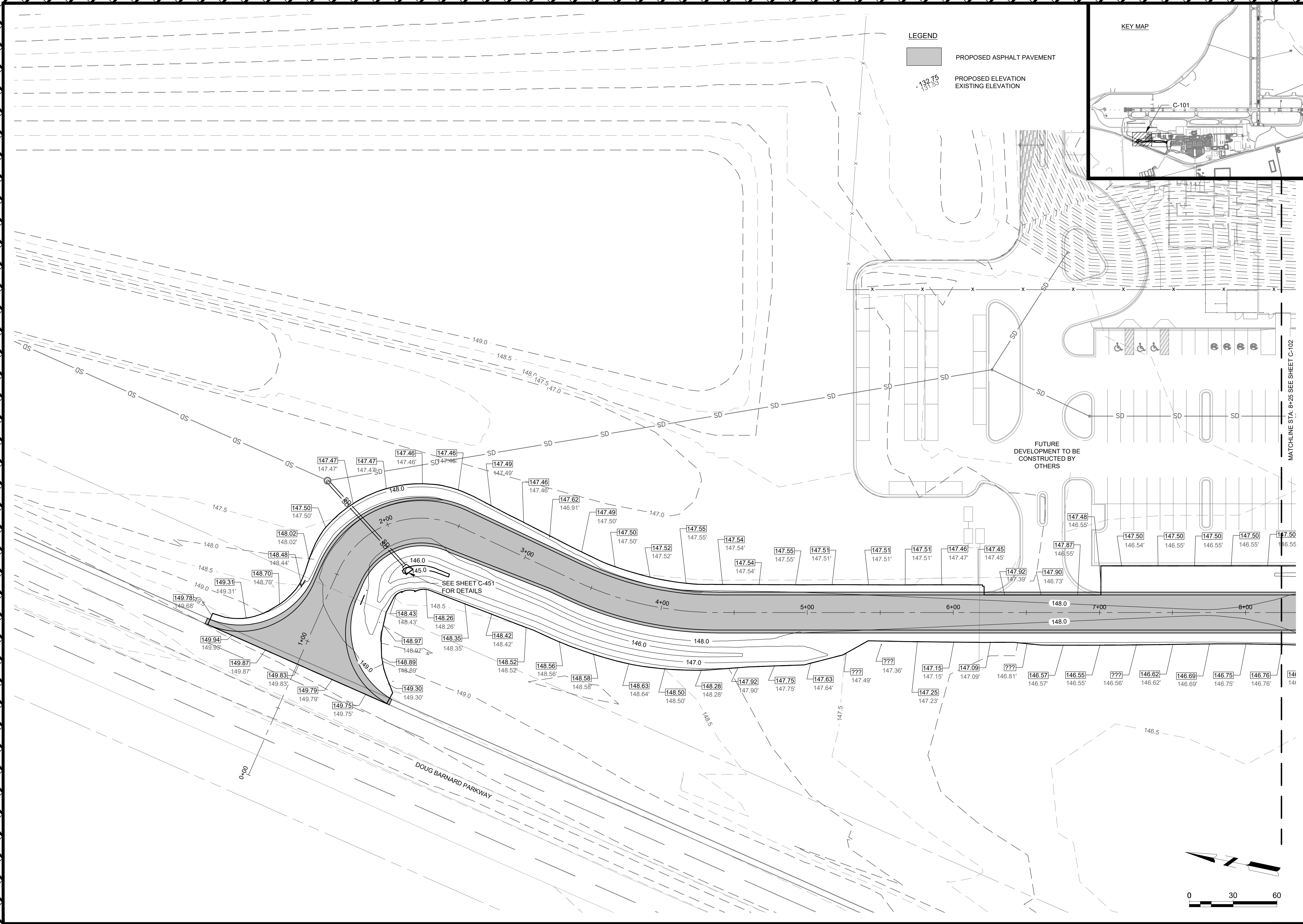
SHEET CONTENTS

PROJECT
GEOMETRICS STA
0+00 - 10+25

SHEET NO.

C-081





**Mead
& Hunt**
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

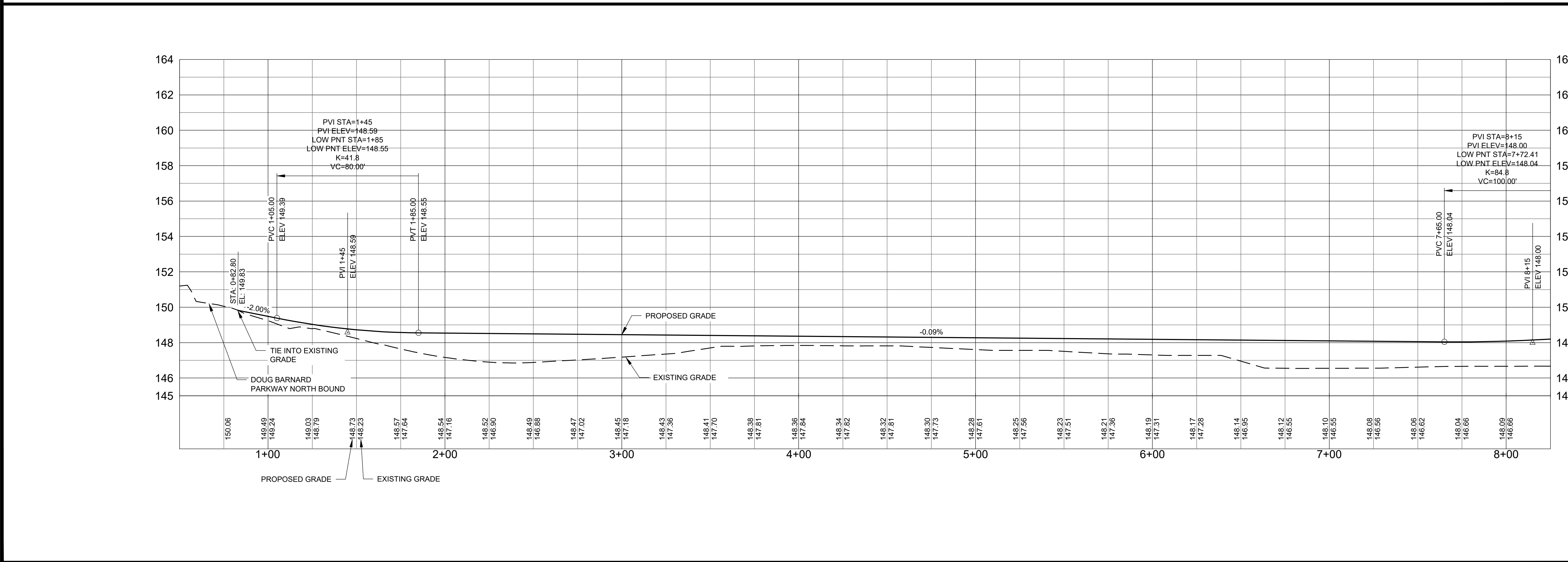
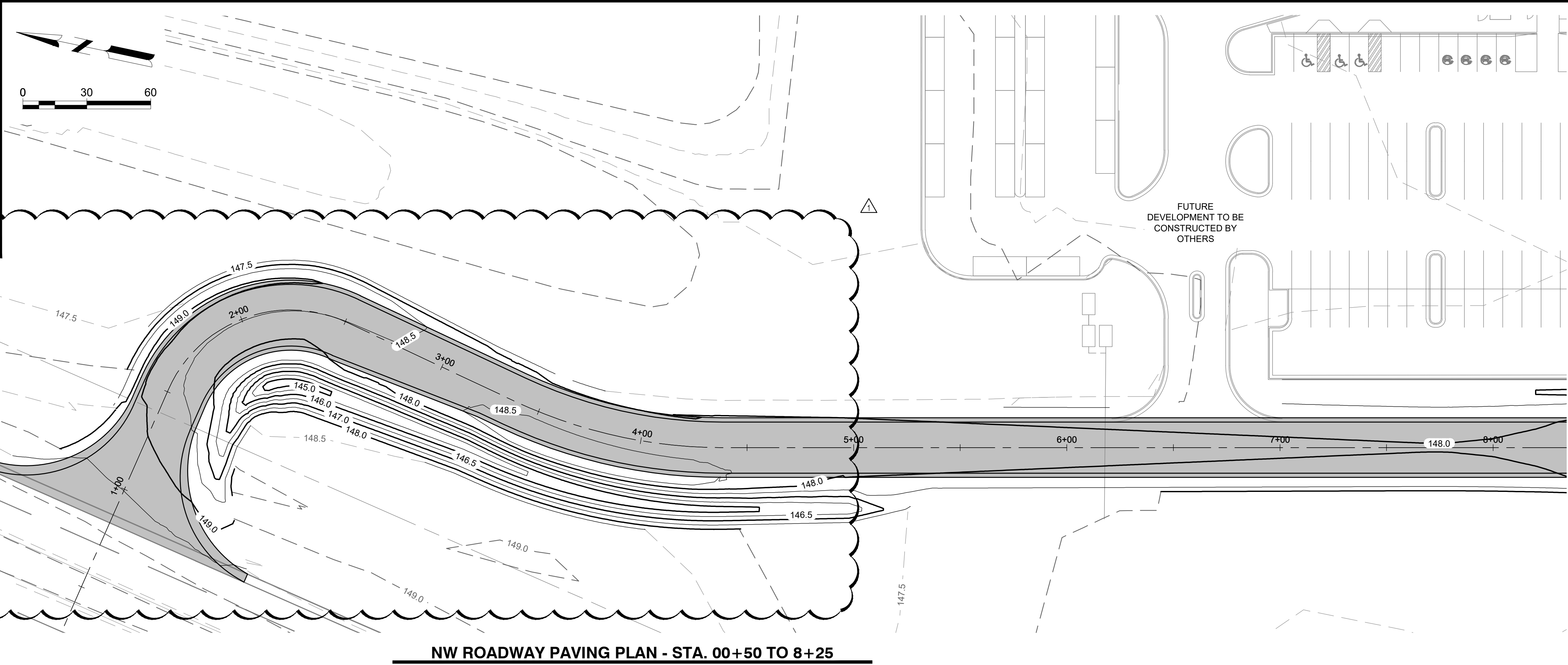
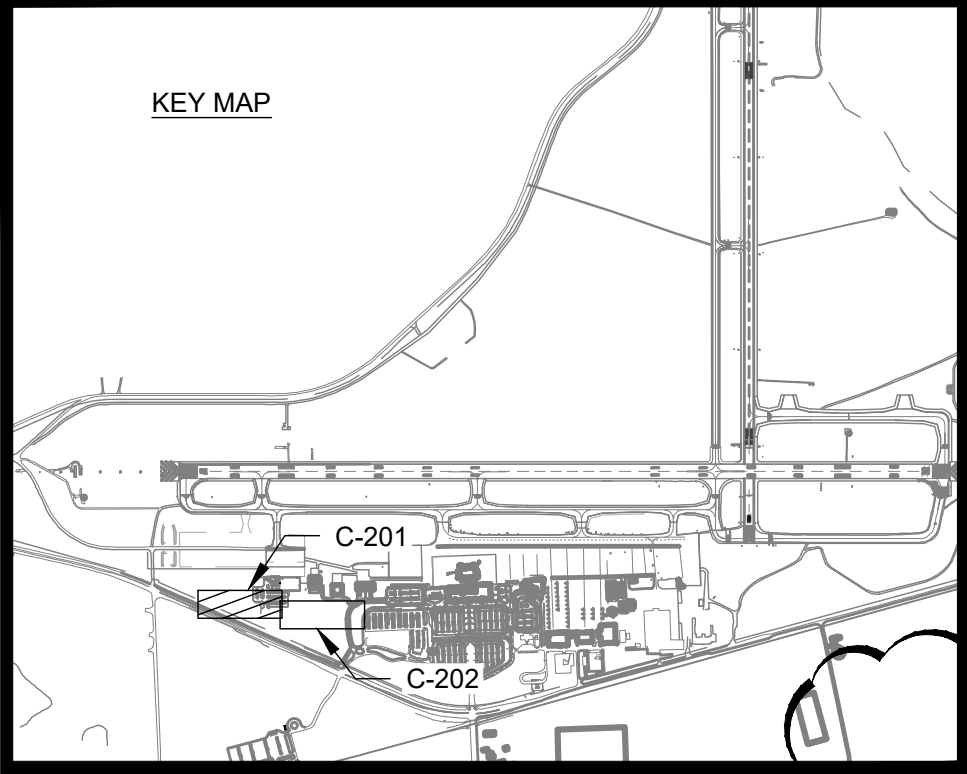
© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

M&H NO.: 0119700-221068.01
DATE: JANUARY 9, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET NO. _____

X:\0119700\221068.01\TECH\CAD\DRAWINGS\C-102 GRADING PLAN.DWG
3/3/2026 9:16:29 AM



© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
PAVING PLAN &
PROFILE

SHEET NO.

C-201

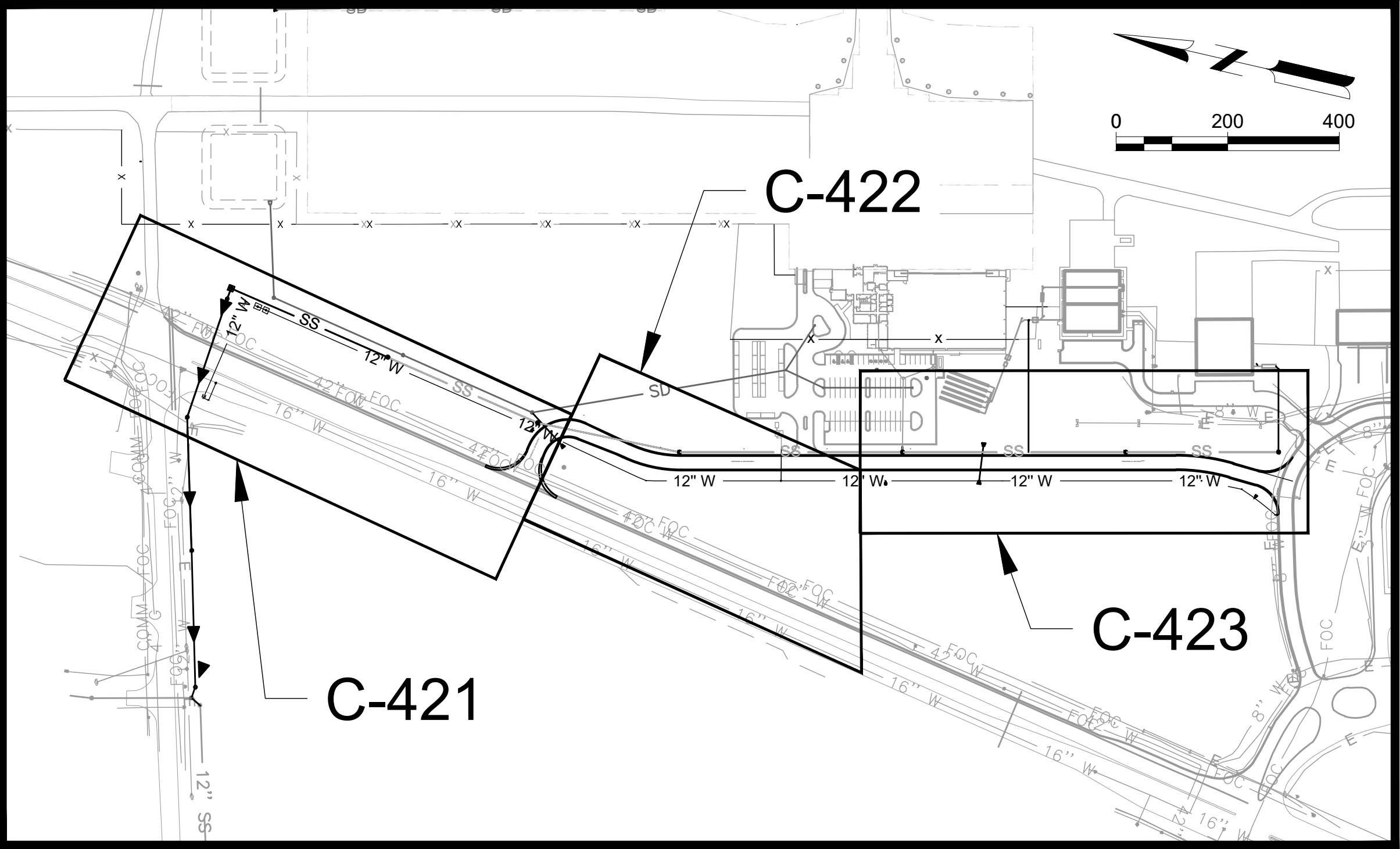
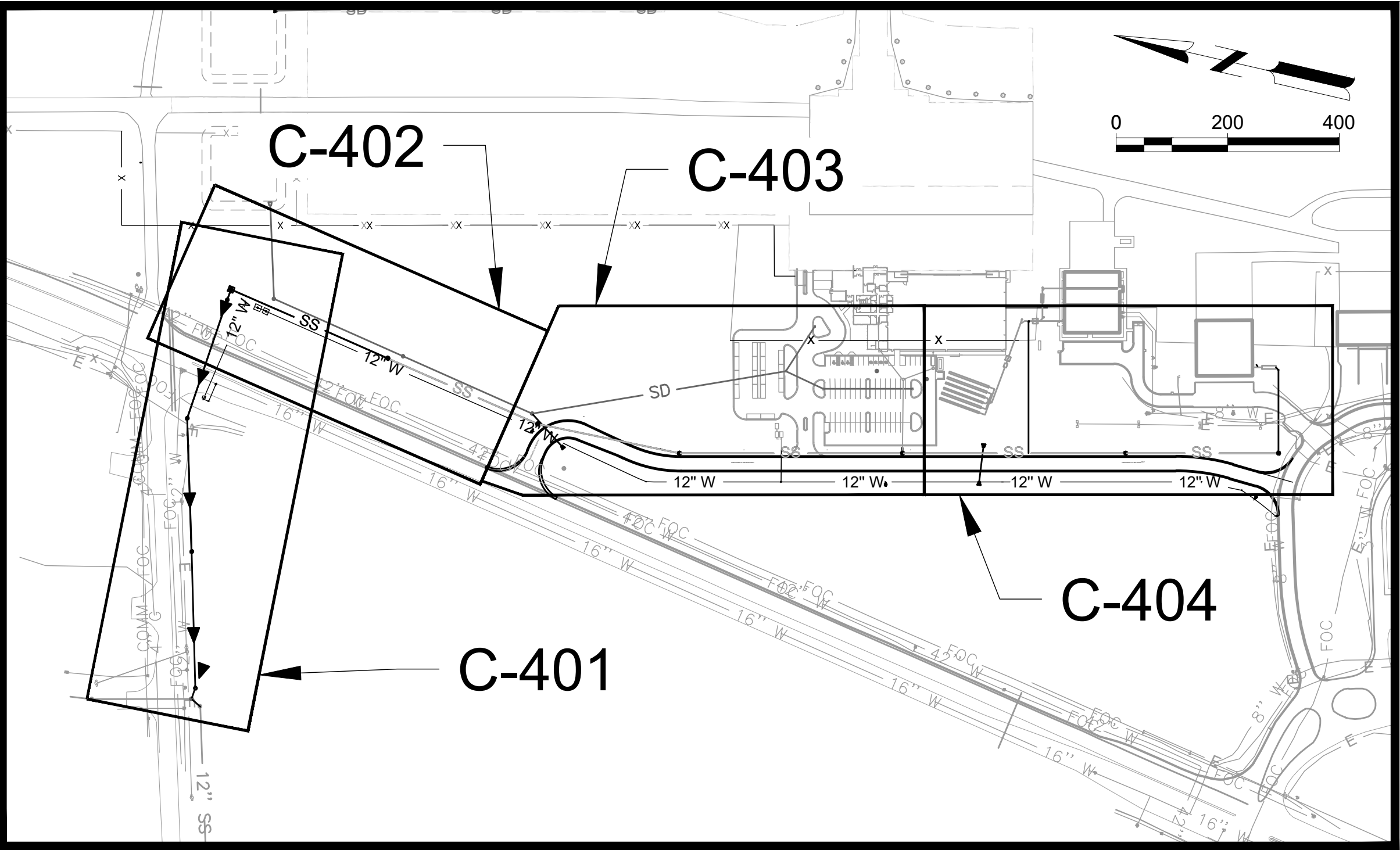
- AUD GENERAL NOTES:
1. ALL CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS AND WASTEWATER COLLECTION SYSTEM LINES SHALL BE IN ACCORDANCE WITH AUGUSTA UTILITIES DEPARTMENT (AUD) WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS (LATEST PUBLICATION).
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SANITARY SEWER UTILITY PROPOSED FOR CONNECTION OR USE BY THE PROJECT.
 3. CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION INC. "CALL BEFORE YOU DIG" SERVICE (811) IN ORDER TO LOCATE UTILITIES PRIOR TO STARTING ANY EXCAVATION OR CONSTRUCTION. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE AS DETERMINED FROM EXISTING RECORDS.
 4. THE CONTRACTOR SHALL COORDINATE THE WORK OF THE UTILITY COMPANIES.
 5. THE AUGUSTA ENGINEERING DEPARTMENT (AED) SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30AM TO 5:00PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN AUGUSTA, GEORGIA RIGHT-OF-WAY. CONTACT AED AT (706-821-1706).
 6. THE AUD ENGINEERING DIVISION SHALL BE NOTIFIED AT LEAST 48 HOURS (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY EXCLUDING AUGUSTA, GEORGIA HOLIDAYS) PRIOR TO ANY CONSTRUCTION, TIE-INS, OR TESTING OF WATER OR WASTEWATER UTILITIES. NO WORK SHALL COMMENCE UNTIL CONTACT IS MADE WITH THE PROJECT'S AUD INSPECTIONS REPRESENTATIVE.
 7. DISTURBANCE OF ANY SURVEY MARKERS OR MONUMENTS REQUIRES RE-ESTABLISHMENT BY A PROFESSIONAL LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. DOCUMENTATION OF THE WORK MUST BE PRESENTED TO THE AUD ENGINEERING DIVISION BEFORE THE PROJECT IS COMPLETED.
 8. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED ON PLANS OR IN THE SPECIFICATIONS SHOULD BE NOTED ON THE CONTRACT PROPOSAL AND DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO CORRECT THE SAME.
 9. ALL CONCRETE SHALL AND HAVE MINIMUM 28-DAY STRENGTH OF 3,000 PSI.
 10. IF A CONFLICT ARISES BETWEEN THE NEW WORK AND THE EXISTING WATER AND SEWER UTILITIES DURING THE COURSE OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER/CONTRACTOR, AT THEIR EXPENSE AND NOT AUD'S, TO CORRECT THE DISCREPANCY AS DIRECTED BY A REPRESENTATIVE OF AUD.
 11. ALL EXISTING AUGUSTA ROAD STRUCTURES SUCH AS STORM MANHOLES, INLET BOXES, ETC., SHALL BE MAINTAINED AND OR ADJUSTED AS IS APPROPRIATE TO ENSURE PROPER USE.
 12. ALL MATERIALS DEEMED SALVAGEABLE BY AUD ARE THE PROPERTY OF AUGUSTA, GEORGIA AND WILL BE REMOVED AND STORED ON SITE IN A SECURED AREA DETERMINED DURING CONSTRUCTION BY THE CONTRACTOR, AND AUGUSTA UTILITIES DEPARTMENT.
 13. FOR PRIVATE DEVELOPMENTS, AUD SHALL NOT BE RESPONSIBLE FOR PAVEMENT PATCHING AND/OR REPLACEMENT AND THE SITE RESTORATION WHENEVER AUD PERFORMS REPAIR, REPLACEMENT OR INSTALLATION WORK.
 14. IF AUD MUST REPAIR OR REPLACE UTILITIES ON THE WORK SITE, THEN THE RESPONSIBLE PARTY SHALL ARRANGE FOR ACCESS BY AUD AS REQUIRED TO REPAIR OR REPLACE THE UTILITY.
 15. A MINIMUM (20') UTILITY EASEMENT CENTERED OVER ALL WATER LINES AND A MINIMUM 20' UTILITY EASEMENT CENTERED OVER ALL WASTEWATER LINES SHALL BE DEEDED TO AUGUSTA, GEORGIA AT COMPLETION AND ACCEPTANCE OF SAID LINES. EASEMENTS CONTAINING BOTH WATER AND SEWER SHALL BE 10' FROM THE CENTER OF THE UTILITY TO OUTSIDE OF THE EASEMENT, WHILE MAINTAINING MINIMUM SEPARATION REQUIREMENTS AS LISTED IN AUD'S WATER AND SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS, AND DETAILS.
 16. A RIGHT-OF-WAY ENCROACHMENT PERMIT SHALL BE OBTAINED FROM AED PRIOR TO COMMENCING ANY WORK WITHIN AN AUGUSTA, GEORGIA RIGHT-OF-WAY. THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD.
 17. "A GEORGIA DOT RIGHT-OF-WAY ENCROACHMENT PERMIT MAY BE REQUIRED FOR WORK ON TEMPORARY OR PERMANENT STATE ROUTES. CONTACT AUD ENGINEERING DIVISION TO DETERMINE IF A PERMIT IS REQUIRED. THE UTILITIES ENCROACHMENT PERMIT MUST BE APPLIED FOR THROUGH AUD. CONDITIONS OF THE PERMIT MUST BE COMPLIED WITH FULLY. THE PERMIT MUST BE IN HAND A MINIMUM 24 HOURS NOTICE GIVEN TO GDOT PRIOR TO BEGINNING ANY WORK IN THE GDOT RIGHT-OF-WAY."
 18. TRAFFIC CONTROL DEVICES SHALL MEET AND BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALSO, A TRAFFIC CONTROL/DETOUR PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL AS NOTED IN THE AUGUSTA-RICHMOND COUNTY, GEORGIA-RIGHTS OF WAY ENCROACHMENT GUIDELINES.
 19. THE CONTRACTOR AND THE AUD REPRESENTATIVE SHALL HAVE A COPY OF THE AUGUSTA-RICHMONDCOUNTY, GEORGIA-RIGHTS OF WAY ENCROACHMENT GUIDELINES DEVELOPMENT DOCUMENT #16, ADOPTED JUNE 1999, AMENDED AUGUST 2000, AMENDED JUNE 2021. THE REQUIREMENTS SET FORTH IN THIS DOCUMENT SHALL BE ADHERED TO AT ALL TIMES.
 20. CLEARING AND GRUBBING SHALL BE AT THE CONTRACTOR'S DISCRETION, SUBJECT TO AUD APPROVAL, TO FACILITATE CONSTRUCTION.
 21. THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMP'S) FOR EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA SHALL BE INSTALLED AND MAINTAINED AT ALL TIMES.

AUD WATER NOTES:

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A TAP, TIE-IN OCCURS, RESTRAINED JOINTS ARE INSTALLED, BENDS, FITTINGS, FIRE HYDRANTS, VALVES AND PRESSURE TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
2. ALL PVC WATER LINES SHALL BE A MINIMUM DR-18 PVC MEETING AWWA C-900 AND/OR C-905, UNLESS OTHERWISE SHOWN OR SPECIFIED.
3. ALL DIP WATER LINES SHALL BE CLASS 350 FOR LINES 16" DIAMETER AND SMALLER, AND CLASS 300 FOR LINES 18" DIAMETER THROUGH 24" DIAMETER, UNLESS OTHERWISE SPECIFIED OR SHOWN.
4. ALL NEW WATER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER RECOMMENDATIONS.
5. ALL WATER LINES SHALL BE TESTED, CHLORINATED, AND CHECKED FOR BACTERIA PER AUD'S WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS.
6. COPPER WIRE (12-GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED WATER LINES, WRAPPED AROUND SERVICE CORPORATIONS AND BROUGHT UP ON THE OUTSIDE OF ALL VALVE BOXES, STUBBING OUT AT THE TOP TO FACILITATE TRACEABILITY. THIS WIRE SHALL BE PROPERLY SPLICED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AUD DETAILS WHEN APPLICABLE).
7. DETECTOR TAPE SHALL BE 4 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE. ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 3.6.
8. ALL WATER VALVES ON THE MAIN LINES, INCLUDING HYDRANT LATERALS, SHALL BE OPEN-LEFT IF INSTALLED SOUTH OF GORDON HIGHWAY (S.R. 10), OR OPEN-RIGHT IF INSTALLED NORTH OF GORDON HIGHWAY.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN A METER BOX AT THE TERMINATION POINT OF ALL WATER SERVICES. METER BOXES WILL IN NO WAY BE PLACED UNDER DRIVEWAYS. METER BOXES WILL PREFERABLY BE LOCATED IN THE CENTER OF THE LOT AND WITHIN 1' INSIDE OF THE RW, AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME THE METER IS INSTALLED.
10. WATER SERVICES SHALL HAVE MINIMUM DIAMETER OF 1" INCH (REFERENCE AUD DETAIL S WHEN APPLICABLE).
11. ANY EXISTING WATER SERVICE LINES WHICH ARE EXTENSIONS OFF AN EXISTING WATER MAIN TO BE ABANDONED DISCOVERED DURING CONSTRUCTION SHALL BE REPLACED. THESE NEW SERVICE LINES ARE TO TIE INTO THE NEW WATER MAIN AND BE RECONNECTED TO THE EXISTING WATER METER.
12. ALL EXISTING WATER SERVICES SHALL BE EXTENDED AND METER BOXES RELOCATED AS REQUIRED BEYOND THE LIMITS OF CONSTRUCTION. THE SERVICES SHALL BE CONNECTED TO THE NEW WATER MAIN AFTER SAID MAIN HAS BEEN STERILIZED, PRESSURE TESTED AND PUT INTO SERVICE. IN THE EVENT THAT THE SERVICE LINE IS NOT ACTIVE, A NEW WATER SERVICE WILL BE REQUIRED TO BE CONSTRUCTED.
13. ALL WATER METERS SHALL BE PURCHASED FROM AUD CONSTRUCTION AND MAINTENANCE DIVISION.
14. THE DEVELOPER/CONTRACTOR SHALL LOCATE WATER SERVICES AND VALVES BY ETCHING A "W" FOR THE WATER SERVICE AND A "V" FOR A VALVE IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH BLUE PAINT PER THE APWA UNIFORM COLOR CODE. IN THE EVENT THAT THE VALVE IS LOCATED BEHIND THE CURB OR PAVEMENT, INVERT THE "V" MARKING SO THAT IT POINTS TO THE VALVE OUTSIDE THE ROADWAY.
15. FIRE HYDRANTS ARE TO BE LOCATED A MINIMUM OF ONE FOOT INSIDE EXISTING RIGHT-OF-WAY WITH A 3 FOOT RADIUS CLEARANCE.
16. EXISTING FIRE HYDRANTS AND METERS THAT ARE REMOVED SHALL BE TURNED OVER TO AUD.
17. PER AUD'S WATER & SANITARY SEWER SYSTEMS-DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND DETAILS:
 - A. FOR BACKFLOW INSTALLATIONS FOR NON-RESIDENTIAL DEVELOPMENT, A MINIMUM "DOUBLE-CHECK" BACKFLOW-PREVENTION DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF ALL SERVICES.
 - B. FIRE LINES REQUIRE A MINIMUM "DOUBLE DETECTOR" BACKFLOW DEVICE.
 - C. FOR BACKFLOW INSTALLATIONS FOR RESIDENTIAL DEVELOPMENTS, A "DUAL CHECK" BACKFLOW DEVICE SHALL BE INSTALLED ON THE CUSTOMER'S SIDE OF THE SERVICE LINE AT THE POINT OF TIE-IN TO THE WATER METER.
 - D. FOR SOME MEDIUM HAZARD TO HIGH HAZARD LOCATIONS, A REDUCED PRESSURE ZONE (RPZ) BACKFLOW DEVICE WILL BE REQUIRED.
18. BACKFLOW DEVICES SHALL BE TESTED BY A CERTIFIED PERSON WITHIN FIVE (5) WORKING DAYS OF INSTALLATION AND THE RESULTS FURNISHED TO THE AUD BACK FLOW INSPECTOR WITHIN 10 WORKING DAYS OF INSTALLATION PRIOR TO ANY WATER USE. AUD SHALL BE NOTIFIED PRIOR TO TESTING CONTACT THE AUGUSTA UTILITIES BACK FLOW INSPECTOR AT 706-722-1639.

AUD SEWER NOTES:

1. AN AUD INSPECTOR SHALL BE PRESENT OR SECTION LEFT UNCOVERED UNTIL INSPECTED BY THE INSPECTOR WHEN A CORE, TAP, TIE-IN OCCURS, MANHOLE INSTALLED, AND ALL REQUIRED TESTING. CONTRACTOR IS TO PROVIDE AT LEAST 48 HOUR NOTICE (TWO WORKING DAYS) IN ADVANCE DURING REGULAR WORKING HOURS (8:30 AM TO 5:00 PM, MONDAY-FRIDAY, EXCLUDING AUGUSTA, GEORGIA HOLIDAYS).
2. THE CONTRACTOR IS TO VERIFY THE INVERT ELEVATIONS (I.E.) OF EXISTING PIPES PRIOR TO BEGINNING CONSTRUCTION.
3. SEWER FORCE MAIN SHALL BE PVC DR-18 C-900 OR C-905 AS APPLICABLE OR DIP CLASS 350, EPOXY LINED.
4. ALL NEW SEWER LINES SHALL BE INSTALLED PER PIPELINE MANUFACTURER REQUIREMENTS.
5. COPPER WIRE (12-GAUGE, INSULATED, SINGLE STRAND) SHALL BE ATTACHED ALONG TOP OF ALL BURIED SEWER LINES TO FACILITATE TRACEABILITY. THE WIRE SHALL RUN ALONG THE TOP OF THE MAIN AND ALONG INDIVIDUAL SERVICE LINES AND BROUGHT UP ON THE OUTSIDE OF ALL MANHOLES, CLEANOUTS, OR OTHER ABOVE GROUND FEATURES STUBBING OUT AT THE TOP FOR LOCATING PURPOSES. THIS WIRE SHALL BE PROPERLY SPLICED WITH A WATER PROOF CONNECTOR FOR ELECTRICAL CONNECTIVITY, AND THEN INSULATED TO PROTECT AGAINST CORROSION. (REFERENCE AUD DETAILS WHEN APPLICABLE).
6. DETECTOR TAPE SHALL BE 4 INCHES WIDE AND PLACED 2 FEET ABOVE PIPE ADD SIMILAR DEVICE TO CONDUIT PER AUD DETAIL 3.6.
7. ALL TIE-INS TO EXISTING MANHOLES SHALL BE CORED UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
8. ALL MANHOLES REQUIRE "K OR N SEAL" OR EQUAL RUBBER BOOTS, UNLESS OTHERWISE APPROVED BY AUD INSPECTOR.
9. NO CONNECTION SHALL BE MADE TO EXISTING WASTEWATER LINES UNTIL THE PROPOSED LINE IS INSPECTED AND APPROVED BY AUD'S ENGINEERING DIVISION.
10. ALL WASTEWATER MANHOLES SHALL HAVE AN ELEVATION DROP OF 0.2 FOOT ACROSS THE INLET AND OUTLET INVERTS.
11. WASTEWATER CLEAN-OUTS SHALL BE INSTALLED AT ALL INDIVIDUAL SERVICES AS SHOWN IN AUD-DETAILS, AND SHALL NOT BE INSTALLED UNDER DRIVEWAYS OR ANY PAVED AREAS WITHOUT PRIOR APPROVAL FROM AUD.
12. SERVICE LINES TO SANITARY SEWER MAIN SHALL BE BEDDED PER THESE AUD SPECIFICATIONS AND AUD DETAILS.
13. MAXIMUM SANITARY SEWER INFILTRATION SHALL NOT EXCEED 100 GPD/INCH OF PIPE DIAMETER PER MILE.
14. THE CONTRACTOR SHALL LOCATE SANITARY SEWER SERVICES BY ETCHING AN "S" IN THE CURB OR IN THE PAVEMENT IF NO CURB IS AVAILABLE, AND HIGHLIGHT THE ETCHING WITH GREEN PAINT PER THE APWA UNIFORM COLOR CODE.
15. FINISHED FLOOR ELEVATIONS OF ALL PROPOSED BUILDINGS SHALL BE A MINIMUM OF FIVE (5) FEET ABOVE THE INVERT ELEVATION OF THE WASTEWATER MAIN OR MANHOLE AT THE POINT OF TIE-IN. IN INSTANCES WHERE THIS IS NOT POSSIBLE, A BACKWATER VALVE SHALL BE INSTALLED IN THE SEWER SERVICE.



Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: KJB
DO NOT SCALE DRAWINGS

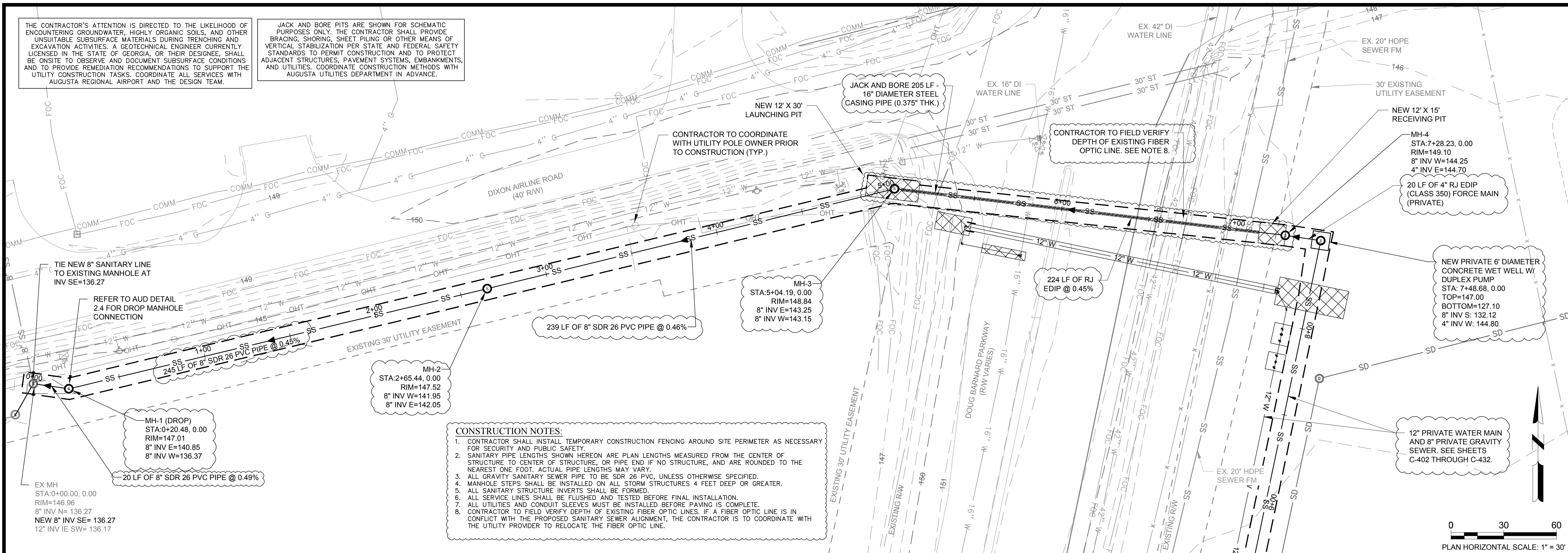
SHEET CONTENTS
WATER AND
SEWER NOTES

SHEET NO.

C-400

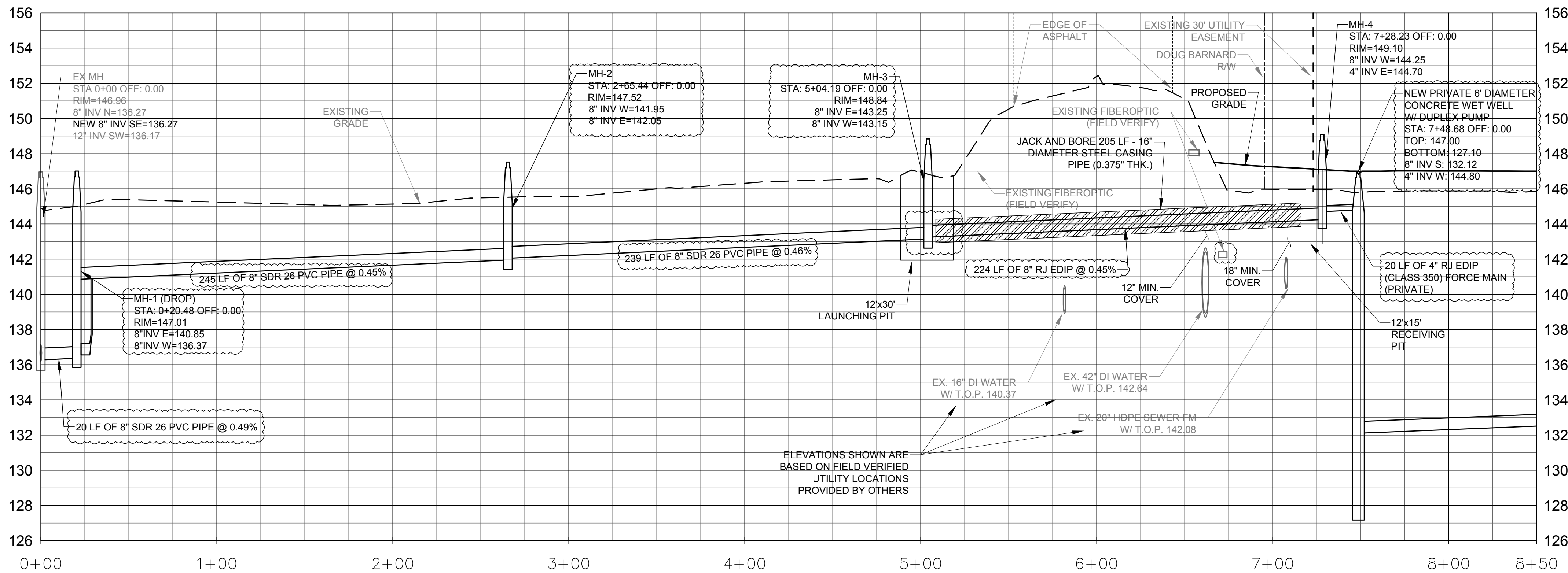
THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE LIKELIHOOD OF ENCOUNTERING GROUNDWATER, HIGHLY ORGANIC SOILS, AND OTHER UNSUITABLE SUBSURFACE MATERIALS DURING TRENCHING AND EXCAVATION ACTIVITIES. A GEOTECHNICAL ENGINEER CURRENTLY LICENSED IN THE STATE OF GEORGIA, OR THEIR DESIGNEE, SHALL BE ONSITE TO OBSERVE AND DOCUMENT SUBSURFACE CONDITIONS AND TO PROVIDE REMEDIATION RECOMMENDATIONS TO SUPPORT THE UTILITY CONSTRUCTION TASKS. COORDINATE ALL SERVICES WITH AUGUSTA REGIONAL AIRPORT AND THE DESIGN TEAM.

JACK AND BORE PITS ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. THE CONTRACTOR SHALL PROVIDE BRACING, SHORING, SHEET PILING OR OTHER MEANS OF VERTICAL STABILIZATION PER STATE AND FEDERAL SAFETY STANDARDS TO PERMIT CONSTRUCTION AND TO PROTECT ADJACENT STRUCTURES, PAVEMENT SYSTEMS, EMBANKMENTS, AND UTILITIES. COORDINATE CONSTRUCTION METHODS WITH AUGUSTA UTILITIES DEPARTMENT IN ADVANCE.



CONSTRUCTION NOTES:

1. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND SITE PERIMETER AS NECESSARY FOR SECURITY AND PUBLIC SAFETY.
2. SANITARY PIPE LENGTHS SHOWN HEREON ARE PLAN LENGTHS MEASURED FROM THE CENTER OF STRUCTURE TO CENTER OF STRUCTURE, OR PIPE END IF NO STRUCTURE, AND ARE ROUNDED TO THE NEAREST ONE FOOT. ACTUAL PIPE LENGTHS MAY VARY.
3. ALL GRAVITY SANITARY SEWER PIPE TO BE SDR 26 PVC, UNLESS OTHERWISE SPECIFIED.
4. MANHOLE STEPS SHALL BE INSTALLED ON ALL STORM STRUCTURES 4 FEET DEEP OR GREATER.
5. ALL SANITARY STRUCTURE INVERTS SHALL BE FORMED.
6. ALL SERVICE LINES SHALL BE FLUSHED AND TESTED BEFORE FINAL INSTALLATION.
7. ALL UTILITIES AND CONDUIT SLEEVES MUST BE INSTALLED BEFORE PAVING IS COMPLETE.
8. CONTRACTOR TO FIELD VERIFY DEPTH OF EXISTING FIBER OPTIC LINES. IF A FIBER OPTIC LINE IS IN CONFLICT WITH THE PROPOSED SANITARY SEWER ALIGNMENT, THE CONTRACTOR IS TO COORDINATE WITH THE UTILITY PROVIDER TO RELOCATE THE FIBER OPTIC LINE.



SANITARY SEWER PROFILE - STA. 0+00 TO 7+50

PROFILE HORIZONTAL SCALE: 1" = 40'
PROFILE VERTICAL SCALE: 1" = 4'

Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY
1501 AVIATION WAY
AUGUSTA, GA 30906

ISSUED
11/21/2025 PERMIT SET
1 03/06/2026 ADDENDUM 1



NOT FOR CONSTRUCTION

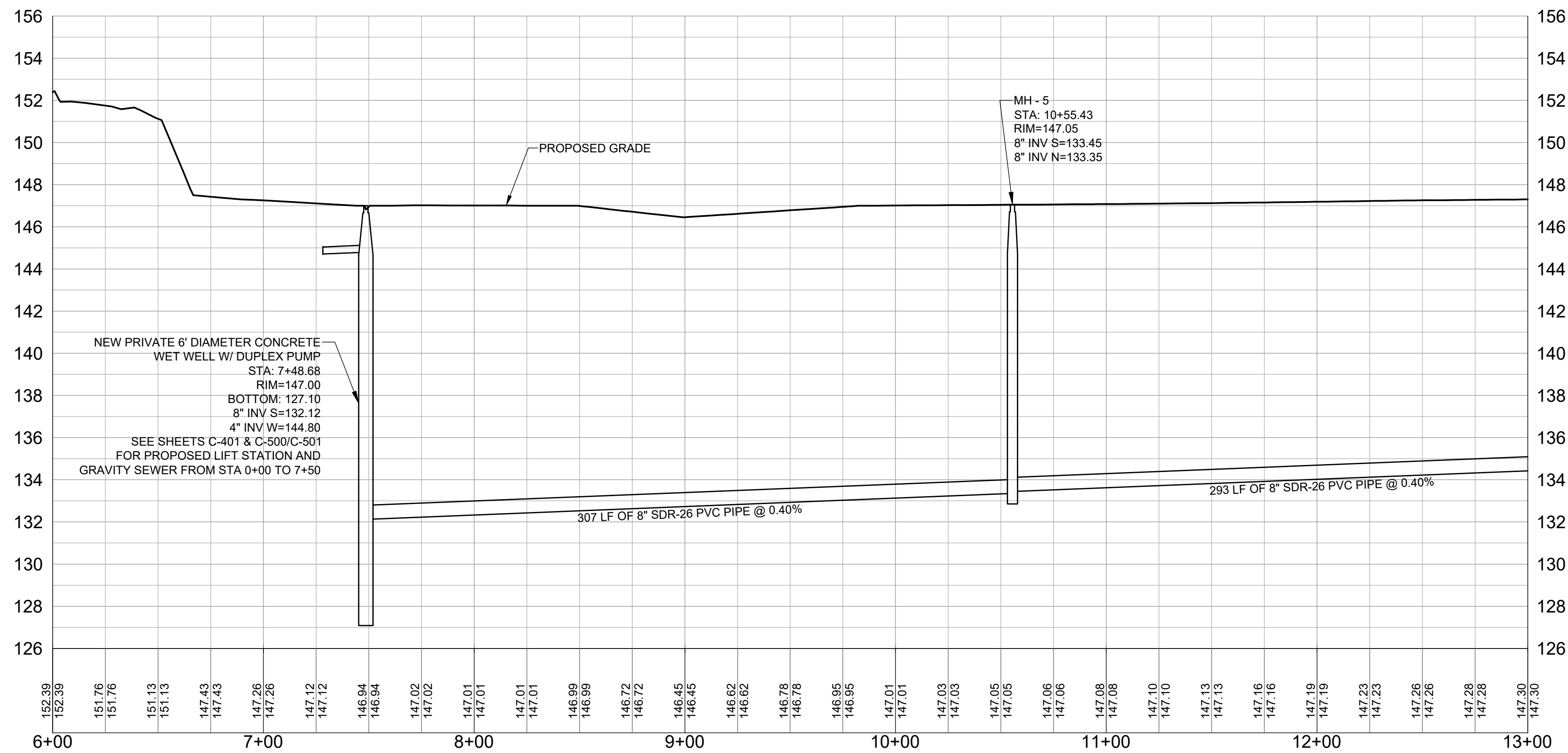
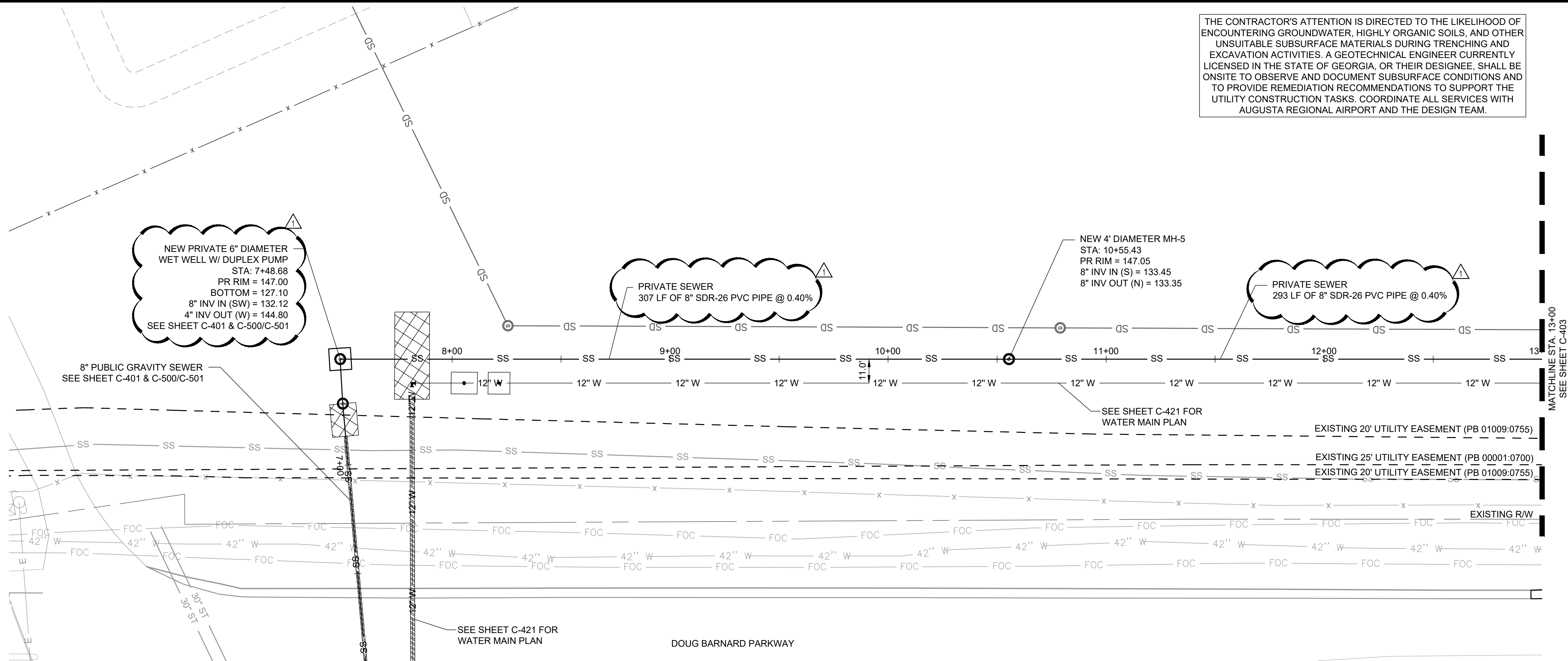
M&H NO.: 0119700-221068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: WPM
DRAWN BY: BMR
CHECKED BY: WTD
DO NOT SCALE DRAWINGS

SHEET CONTENTS
SANITARY SEWER
PLAN & PROFILE

SHEET NO.

C-401

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE LIKELIHOOD OF ENCOUNTERING GROUNDWATER, HIGHLY ORGANIC SOILS, AND OTHER UNSUITABLE SUBSURFACE MATERIALS DURING TRENCHING AND EXCAVATION ACTIVITIES. A GEOTECHNICAL ENGINEER CURRENTLY LICENSED IN THE STATE OF GEORGIA, OR THEIR DESIGNEE, SHALL BE ONSITE TO OBSERVE AND DOCUMENT SUBSURFACE CONDITIONS AND TO PROVIDE REMEDIATION RECOMMENDATIONS TO SUPPORT THE UTILITY CONSTRUCTION TASKS. COORDINATE ALL SERVICES WITH AUGUSTA REGIONAL AIRPORT AND THE DESIGN TEAM.

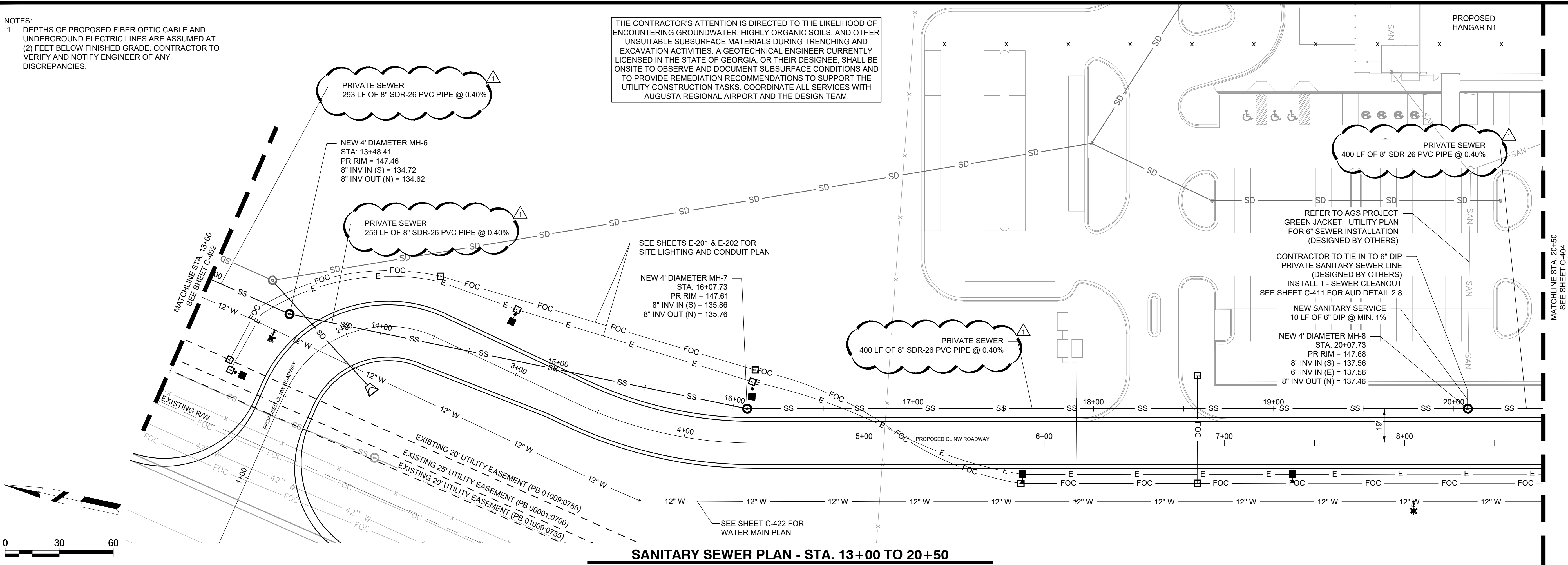


SANITARY SEWER PROFILE - STA. 7+50 TO 13+00

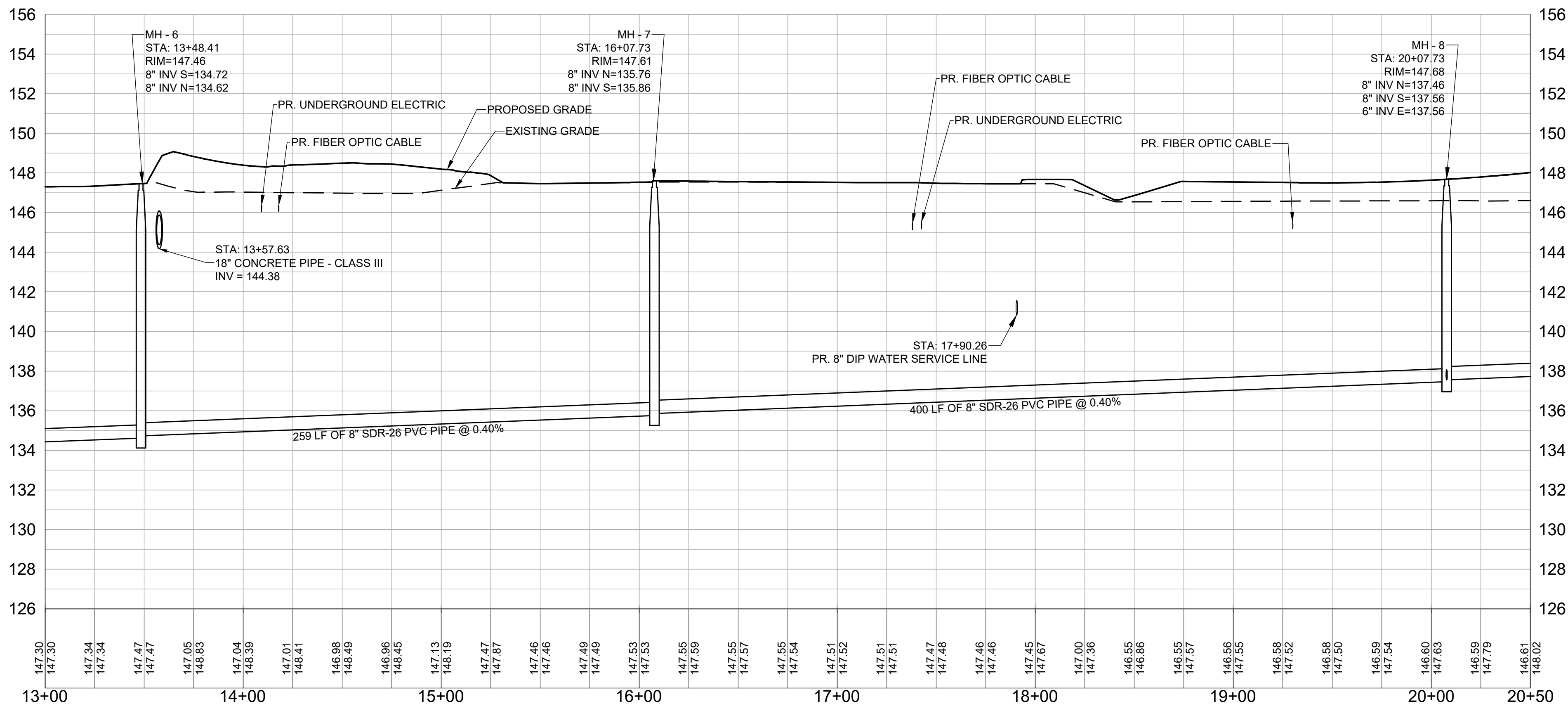
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

NOTES:
1. DEPTHS OF PROPOSED FIBER OPTIC CABLE AND UNDERGROUND ELECTRIC LINES ARE ASSUMED AT (2) FEET BELOW FINISHED GRADE. CONTRACTOR TO VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE LIKELIHOOD OF ENCOUNTERING GROUNDWATER, HIGHLY ORGANIC SOILS, AND OTHER UNSUITABLE SUBSURFACE MATERIALS DURING TRENCHING AND EXCAVATION ACTIVITIES. A GEOTECHNICAL ENGINEER CURRENTLY LICENSED IN THE STATE OF GEORGIA, OR THEIR DESIGNEE, SHALL BE ONSITE TO OBSERVE AND DOCUMENT SUBSURFACE CONDITIONS AND TO PROVIDE REMEDIATION RECOMMENDATIONS TO SUPPORT THE UTILITY CONSTRUCTION TASKS. COORDINATE ALL SERVICES WITH AUGUSTA REGIONAL AIRPORT AND THE DESIGN TEAM.



SANITARY SEWER PLAN - STA. 13+00 TO 20+50



SANITARY SEWER PROFILE - STA. 13+00 TO 20+50

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID

1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: KJB
DO NOT SCALE DRAWINGS

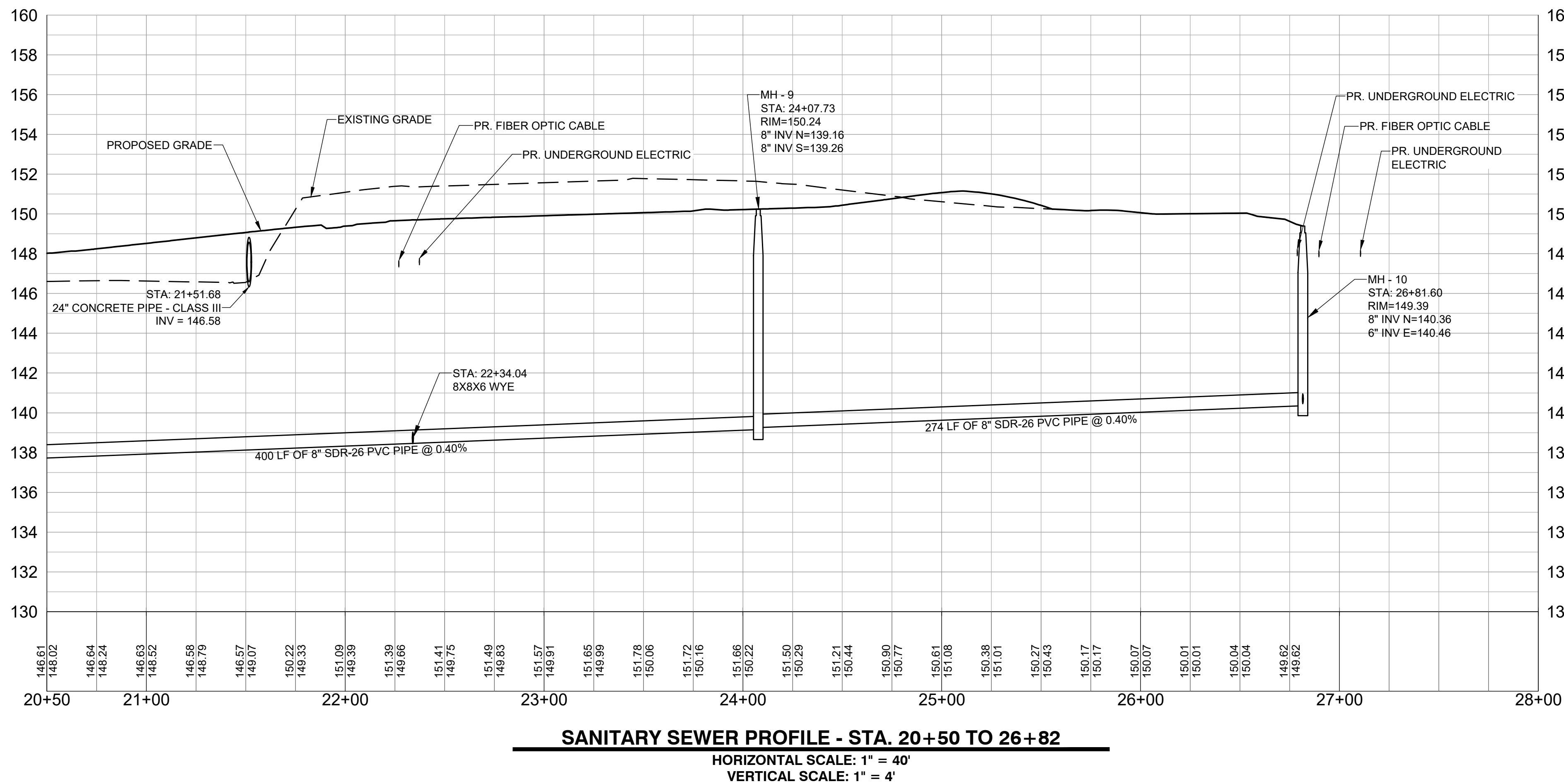
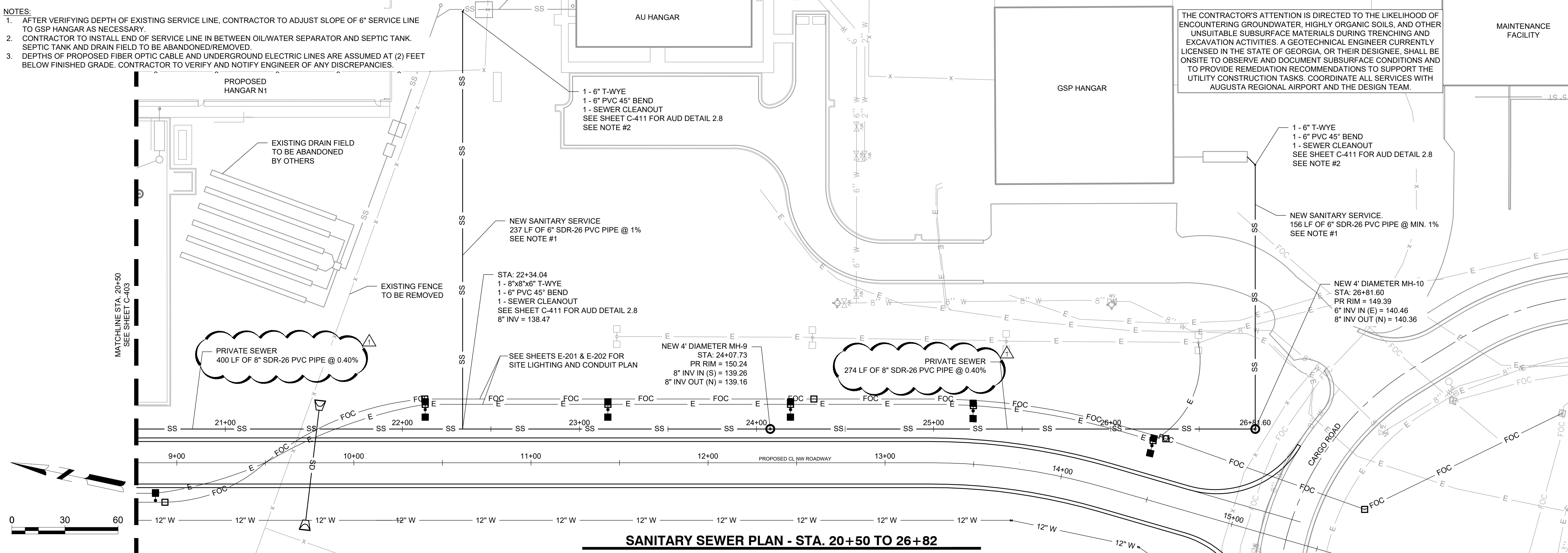
SHEET CONTENTS
SANITARY SEWER
PLAN & PROFILE

SHEET NO.

C-403

NOTES:

1. AFTER VERIFYING DEPTH OF EXISTING SERVICE LINE, CONTRACTOR TO ADJUST SLOPE OF 6" SERVICE LINE TO GSP HANGAR AS NECESSARY.
2. CONTRACTOR TO INSTALL END OF SERVICE LINE IN BETWEEN OIL/WATER SEPARATOR AND SEPTIC TANK. SEPTIC TANK AND DRAIN FIELD TO BE ABANDONED/REMOVED.
3. DEPTHS OF PROPOSED FIBER OPTIC CABLE AND UNDERGROUND ELECTRIC LINES ARE ASSUMED AT (2) FEET BELOW FINISHED GRADE. CONTRACTOR TO VERIFY AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE LIKELIHOOD OF ENCOUNTERING GROUNDWATER, HIGHLY ORGANIC SOILS, AND OTHER UNSUITABLE SUBSURFACE MATERIALS DURING TRENCHING AND EXCAVATION ACTIVITIES. A GEOTECHNICAL ENGINEER CURRENTLY LICENSED IN THE STATE OF GEORGIA, OR THEIR DESIGNEE, SHALL BE ONSITE TO OBSERVE AND DOCUMENT SUBSURFACE CONDITIONS AND TO PROVIDE REMEDIATION RECOMMENDATIONS TO SUPPORT THE UTILITY CONSTRUCTION TASKS. COORDINATE ALL SERVICES WITH AUGUSTA REGIONAL AIRPORT AND THE DESIGN TEAM.

Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: KJB
DO NOT SCALE DRAWINGS

SHEET CONTENTS
SANITARY SEWER
PLAN & PROFILE

SHEET NO.

C-404

TECHNICAL DESCRIPTION/ SPECIFICATION

SUBMERSIBLE WET PIT SEWAGE PUMPS SLV

PART 1 - GENERAL SYSTEM DESCRIPTION

PERFORMANCE REQUIREMENTS:

Operating Conditions - Design: 10-185 GPM @ 17-37 FT TDH @ 62-97%
Secondary: 10-185 GPM @ 17-37 FT TDH @ 62-97%
Minimum Shutoff Head: 17 FT
Maximum Motor HP: 4 HP
Minimum Hydraulic Efficiency (at design): 62%
Maximum Motor RPM: 1750 RPM

QUALITY ASSURANCE - REFERENCED STANDARDS:

American Iron & Steel Institute (AISI)
American Society for Testing and Materials (ASTM)
Factory Mutual (FM)
Hydraulic Institute Standards for Centrifugal, Rotary, and Recip Pumps (HI)
National Fire Protection Agency (NFPA)
National Electric Code (NEC)
National Electrical Manufacturers Association (NEMA)
Anti-Friction Bearing Manufacturers Association (AFBMA)
International Standards Organization (ISO) - ISO9001

WARRANTY

The pump manufacturer shall warrant the pump and motor to the Owner against defects in workmanship and materials for a period of five (5) years under normal use and service. The pump manufacturer warranty shall be in published form, and shall apply to all similar units. A copy of the warranty shall be provided to the Owner at startup.

PART 2 - PRODUCTS

ACCEPTABLE MANUFACTURERS

Subject to compliance with the Contract Documents, the following are acceptable:
Grundfos
Equal alternates as approved by the engineer prior to bid

All products, whether named as "acceptable" or proposed as "equal" must fully comply with these specifications. Standard product must be modified, if required, for compliance.

Standard FM SLV Specification - Page 1

MATERIALS

SUBMERSIBLE SEWAGE PUMPS:

Pump Case: Cast Iron, ASTM A48, Class 35B
Motor Housing: Cast Iron, ASTM A48, Class 35B
Impeller: Cast Iron, ASTM A48, Class 35B
Impeller Wear Ring: Stainless Steel Type 316
Casing Wear Ring: Nitrile Rubber / Stainless Steel
Intermediate Housing (Backplate): Cast Iron, ASTM A48, Class 35B
Discharge Base Elbow: Cast Iron, ASTM A48, Class 35B
Pump/Motor Shaft: Stainless Steel, ASTM A276 Type 316
O-Rings: Nitrile Rubber (NBR)
Fasteners (including impeller fastener): Stainless Steel, ASTM A276 Type 316
Nameplate: Stainless Steel Type 316
Lower Seal Faces: Silicon Carbide/Silicon Carbide
Upper Seal Faces: Ceramic /Carbon
Guide rails and guide support brackets: Stainless steel schedule pipe guides
Lifting Chain: Stainless Steel, ASTM A276 Type 316
Lifting Ball: ASTM A276 Type 316
Power/Control Cable Jacket: Neoprene with non-wicking fillers

ACCESSORIES

POWER CABLE

The pump shall be provided with 49.2 ft of power/control cable with each pump, suitable for submersible wastewater application, sized in accordance with NEC requirements. Provide cable terminal box on side of motor housing, with the cable entry triple sealed to insure that no entry of moisture is possible into the high-voltage motor/ terminal area even if the cable is damaged or severed below water level. The cable shall be a plug-in design with male / female connectors so that it is easily removed from the pump and replaced in the field without the need for electrical connections or special tools. A castle nut shall be provided on the female cable side plug for tightening to the matching male receptacle on the pump.

FABRICATION

GENERAL

Provide pumps capable of successful operation in the application as described. If handling raw unscreened wastewater, the pump shall be capable of passing at minimum a 3" spherical non-compressible solid. The pumps design shall allow for removal and reinstallation without the need to enter the wet well and without removal of bolts, nuts, or other fasteners. The pump shall connect to a permanently mounted discharge elbow by simple downward motion, without rotation, guided by at least two non-load-bearing SS guides. The pump guide pipes shall be held by stainless steel upper brackets and by cast hubs on the discharge elbow. A flexible gasket o-ring shall be furnished in the face of the pump discharge flange so that the final connection shall insure zero leakage between the pump and discharge elbow. No part of the pump shall bear directly on the floor of the wet well. Provide Type 316 stainless steel chain of sufficient length to properly and safely lift the pumps from the wet well. All exposed cast iron and ferrous surfaces shall be cleaned of dirt and grease, sandblasted to near white finish, and coated with a powder coat two part epoxy resin to insure that the exterior of the pump shall be smooth to eliminate the adherence of debris, fecal matter, or other solids normally found in the application. A separate and extra data plate shall be provided with each pump for installation in the pumps control panel so that data plate information can be reviewed without the need for pulling the pump.

Standard FM SLV Specification - Page 2

MAJOR COMPONENTS

Major components (pump case, impeller, intermediate housing, and motor housing) shall be of at minimum ASTM A48 Class 35 cast iron material as specified with smooth surfaces devoid of blow holes and other irregularities. The pump casing design shall incorporate a centerline discharge for stability when mounted on the base elbow. The entire rotating assembly (motor and impeller) shall be easily removed from the volute casing for the volute and cleaning. The motor and volute shall be securely held together by a Type 316 stainless steel clamp and removal shall require only the release of a single clamp. The volute shall have a pin to insure that the alignment between volute and rotating assembly is secure and proper.

IMPELLER

The impeller shall be vortex type, "non-clog" in design capable of passing at minimum a three inch spherical solid. No passage of pumped materials through the impeller shall be required.

SHAFT

The pump shall be supplied with a common pump/motor shaft of sufficient size to transmit full driver output with a maximum deflection of 0.002 inches measured at the lower mechanical seal. Machine the shaft of at minimum Type 316 stainless steel and isolate the shaft from the pumped media. The shaft end shall be tapered to facilitate impeller removal and also keyed to insure non-slippage of the impeller on the shaft.

SHAFT SEAL

Two mechanical seals shall be installed in tandem, totally enclosed within a common Duplex Stainless Steel cylinder. The cylinder, with the entirety of both seals, shall be located entirely within an oil-filled chamber with drain and inspection plug (with positive anti-leak seal) for easy access from external to the pump. All seals and seal springs shall be located completely inside of the seal oil chamber where they are completely isolated from the pump media and cannot be fouled by rags or other stringy material as can happen with common dual seal designs. Seal faces shall be silicon carbide both faces on the lower seal and at minimum carbon on ceramic on the upper seal. The seals shall require neither routine maintenance nor adjustment, but capable of being easily inspected and replaced.

BEARINGS

The pumps shall be furnished with upper and lower bearings as needed to provide a B10 life of at minimum, 50,000 hours at all anticipated axial and radial loadings. The bearings shall be sealed/shielded (permanently lubricated) type. The lower (primary thrust) bearing shall be double row angular contact type. The upper (support) bearing shall be single row ball design.

MOTOR

The motor shall be squirrel cage, induction in design, housed in a completely watertight and air filled chamber, having at minimum a 1.15 service factor. The motor shall be adequately sized and rated for continuous operation at a maximum fluid temperature of 104° F (40° C). The motor shall have at minimum Class H insulation rated for 180 Degrees C, and shall allow for at minimum 20 starts per hour. The motor shall be FM listed for use in Class I Division 1 Groups C&D hazardous locations as defined by the National Electric Code. The same motor shall also be CSA Approved. Motor insulation shall fulfill NEMA MG1 part 31 requirements for inverter duty. The motor and pump set complete shall be designed and manufactured by the same company.

The motor shall also be furnished with three temperature monitoring devices, one in each winding, for use in conjunction with and supplemental to external motor overload protection. Arrange controls to shut down pump should any of the monitors detect high temperature and automatically reset once motor temperature returns to normal. Set temperature monitors at levels recommended by pump

Standard FM SLV Specification - Page 3

manufacturer.

SEAL LEAK DETECTION

Provide a fault free detector in the motor's stator cavity sump to detect either cable entry or seal leakage. The leak detector shall provide a positive indication of fluid presence without generating false indications.

SOURCE QUALITY CONTROL

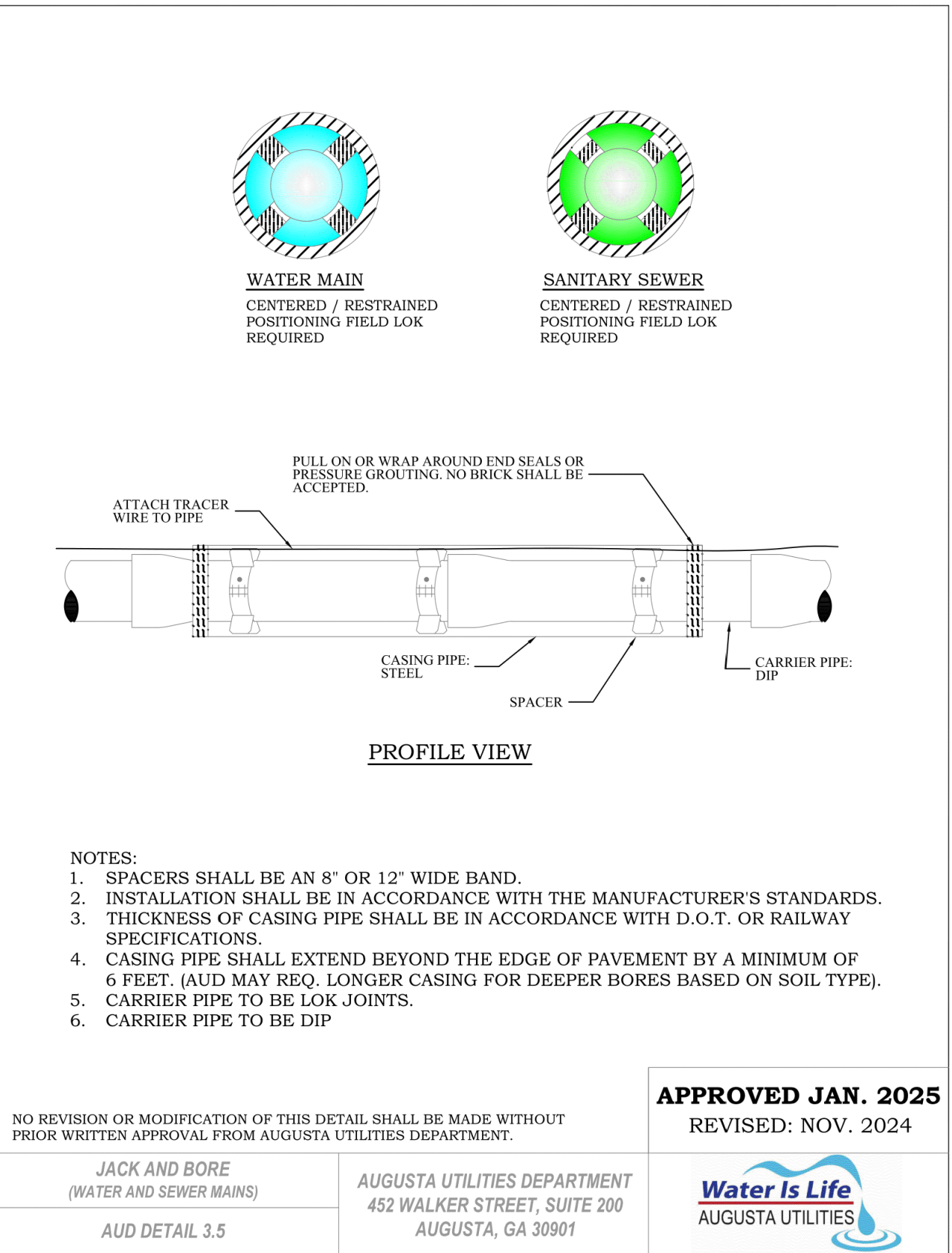
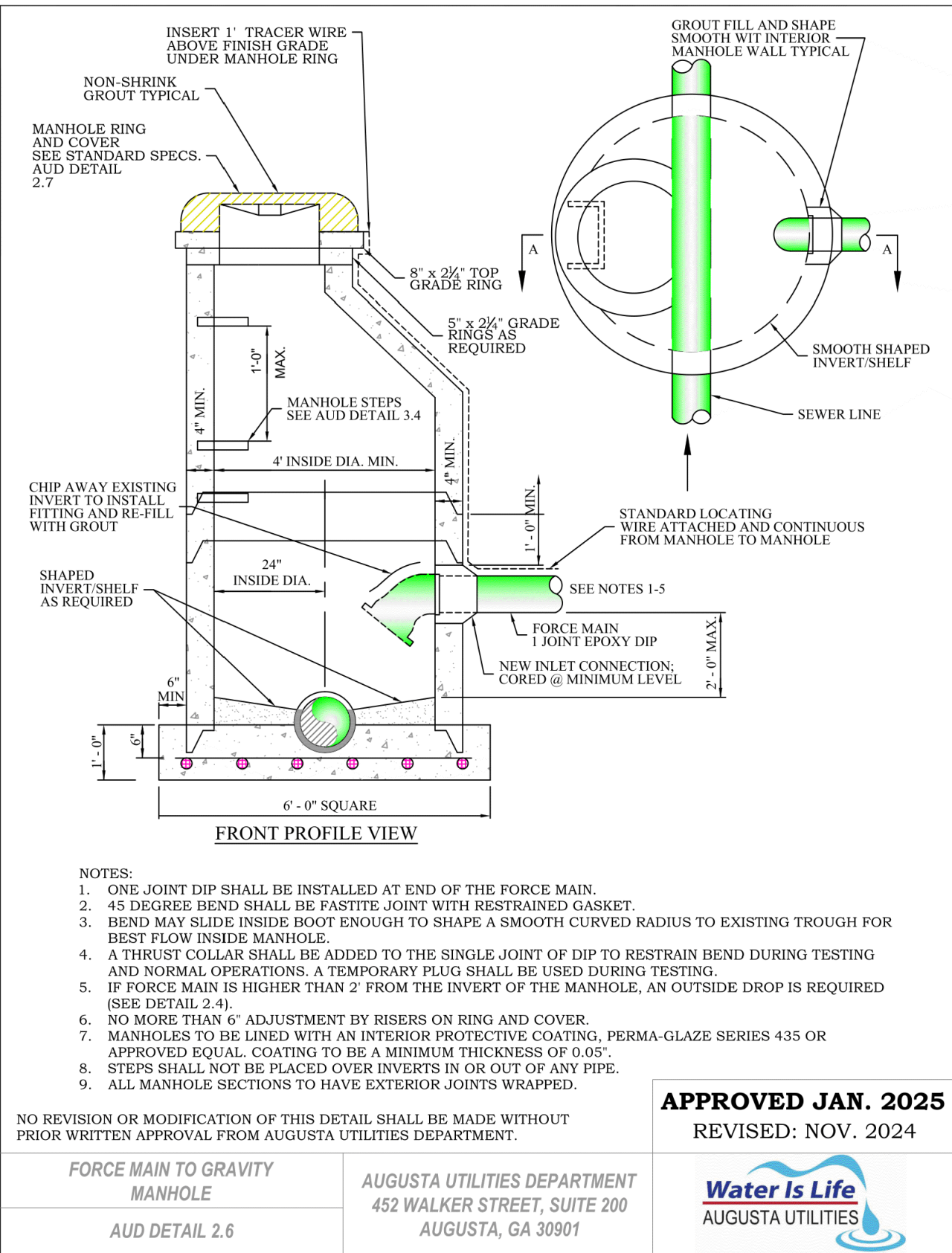
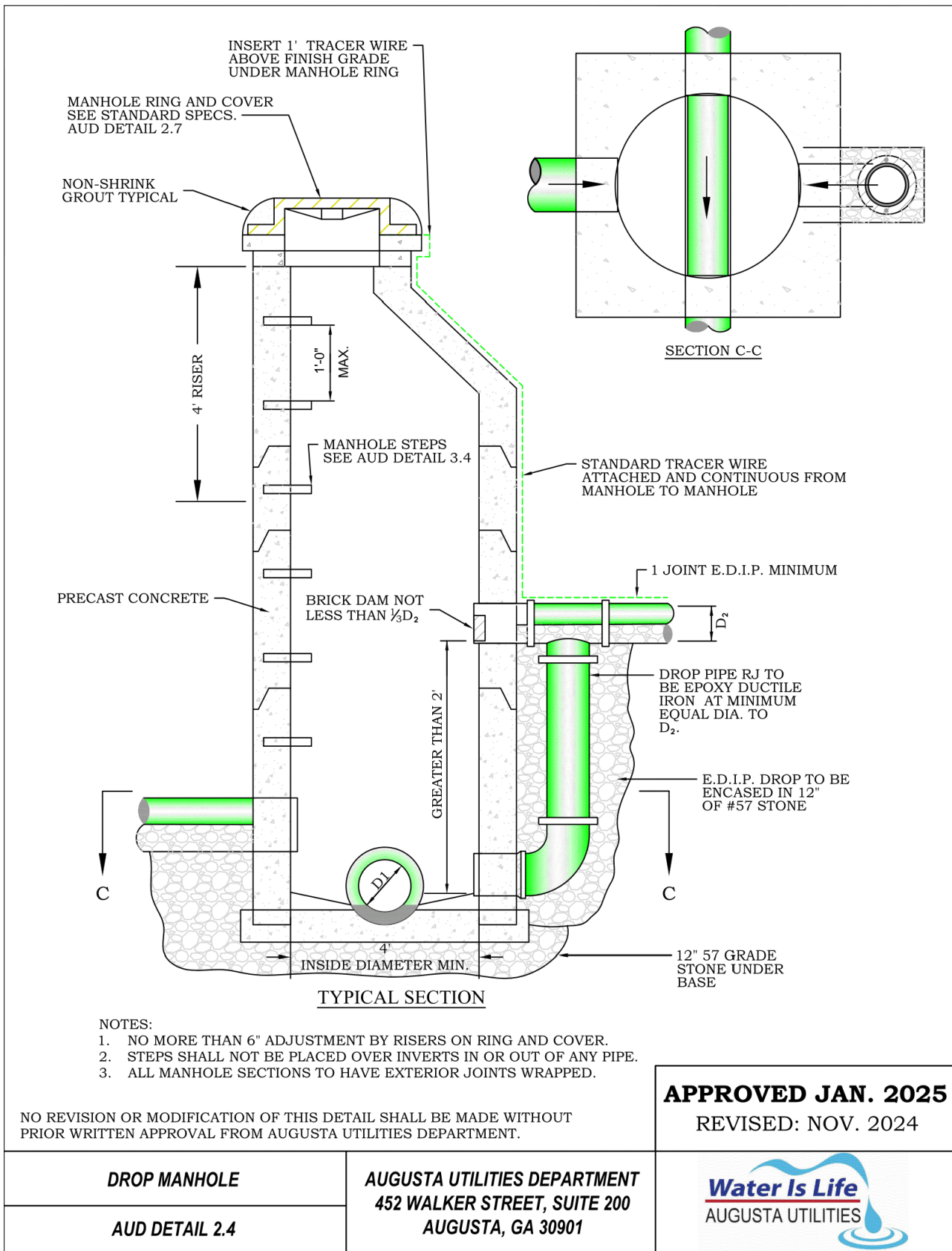
EQUIPMENT TESTS

All supplied pumps will be tested at the factory before shipment. These tests shall include: Pump performance - Head and Flow; Measurement of supplied voltage U1, U2, U3; Line Amperages; Input Power; and Wire-to-water efficiencies. All test data shall be recorded and supplied to the end user at no cost and become a permanent part of their records. A copy of this test shall accompany the pump in shipment. These tests shall be standard to all pumps of the type supplied. These test reports shall be given to the end user for incorporation into their permanent job files to insure later repairs, replacements, etc. return the pump station to original specifications.

TRAINING & STARTUP

At time of commissioning, the end user shall be supplied with access to a movie that completely describes the "tear-down" and building of the pump supplied. This movie shall become part of the end users permanent job record for access after the pump station is formally accepted.

Standard FM SLV Specification - Page 4



Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com



**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GA 30906

ISSUED
11/21/2025 PERMIT SET
1 03/06/2026 ADDENDUM 1

GEORGIA REGISTERED ENGINEER
WILLIAM PENLAND MAYSON
NO. 054248
PROFESSIONAL

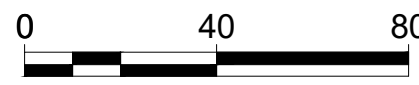
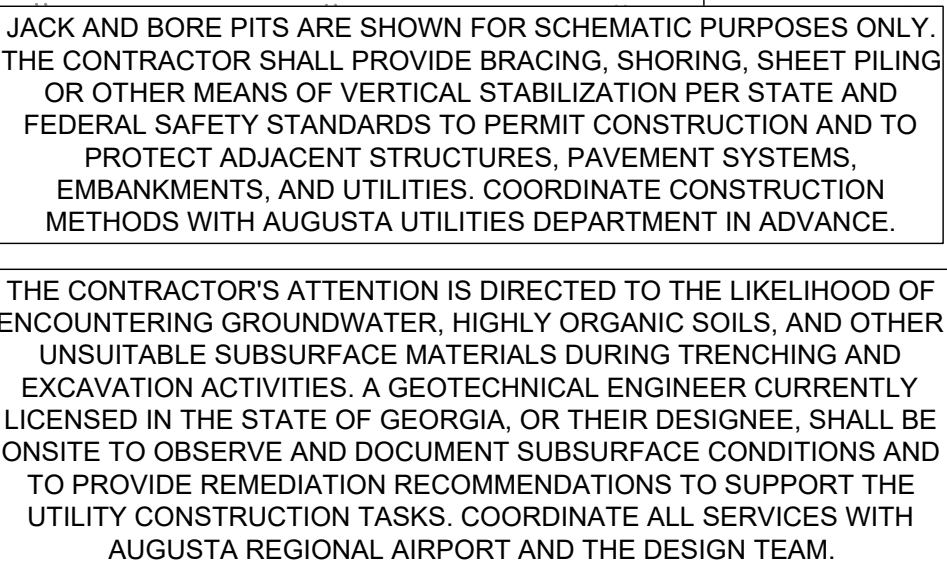
NOT FOR CONSTRUCTION

M&H NO.: 0119700-2021068.01
DATE: NOVEMBER 21, 2025
DESIGNED BY: WPM
DRAWN BY: BMR
CHECKED BY: WTD
DO NOT SCALE DRAWINGS

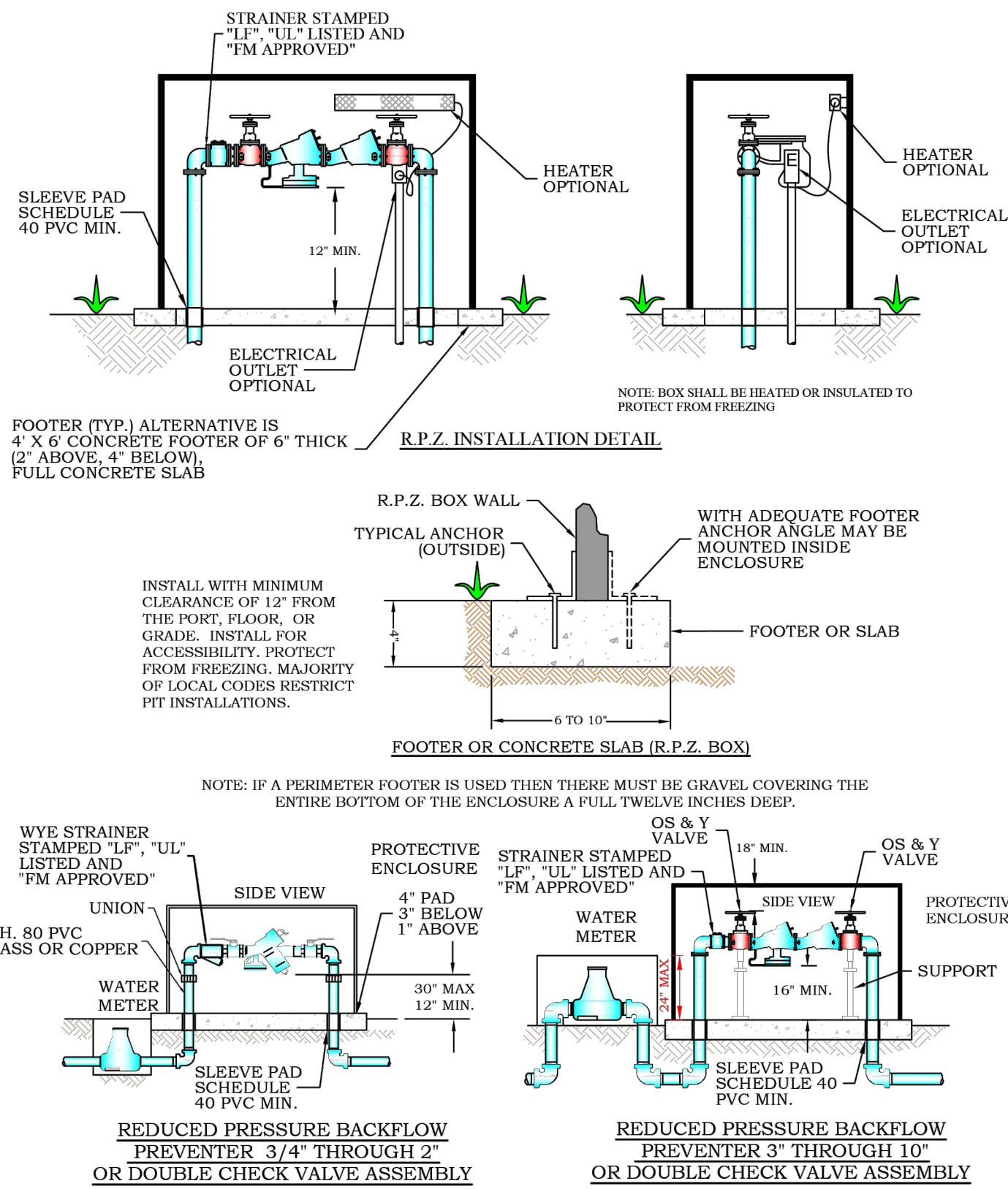
SHEET CONTENTS
SANITARY SEWER DETAILS

SHEET NO.

C-414

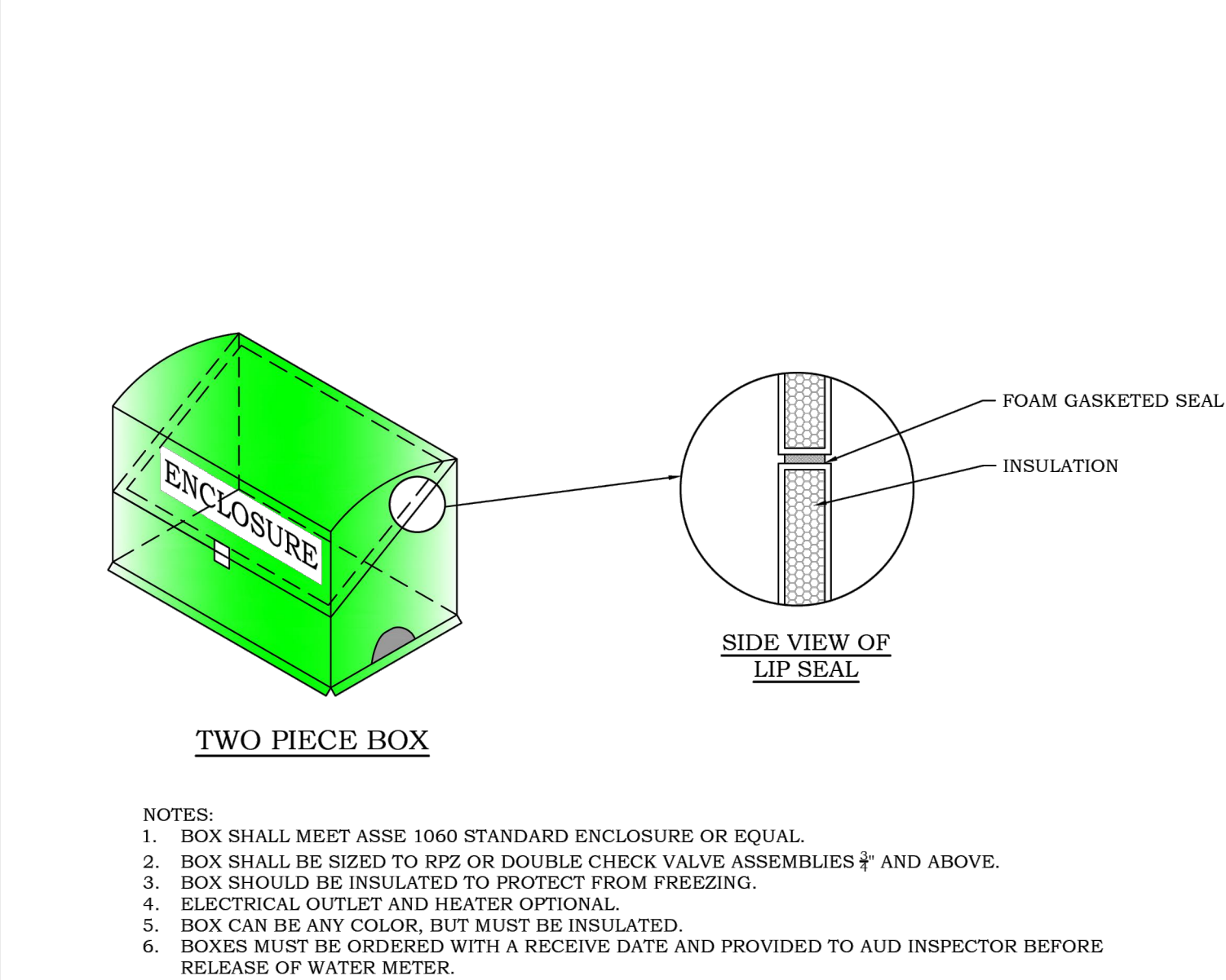


X:\0119700\221068.01\TECH\CADD\DRAWINGS\C-431 WATER DETAILS.DWG
3/3/2026 9:22:17 AM



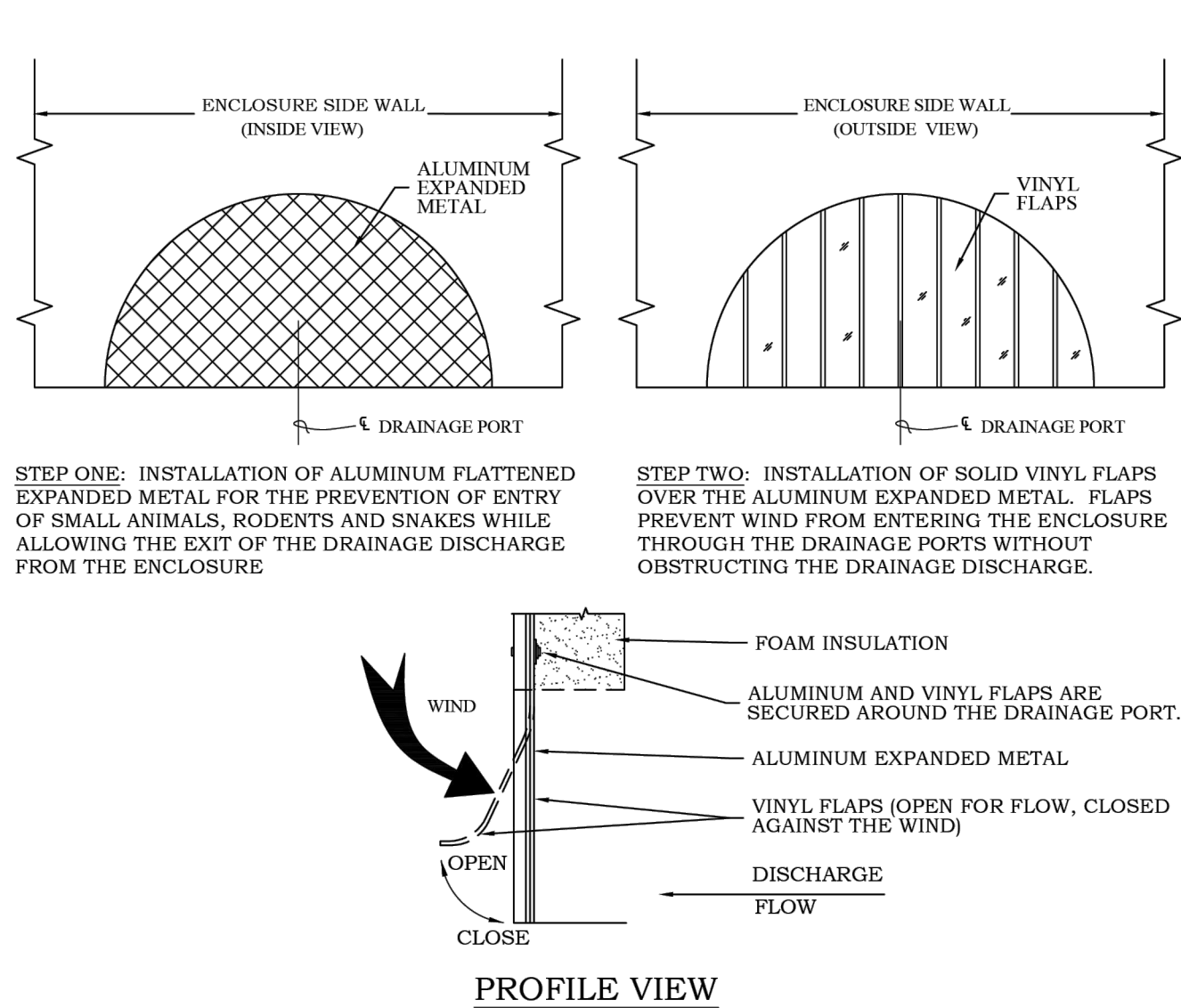
NOTE: ENSURE MINIMUM 18" DISTANCE FROM VALVE WHEEL TO TOP OF THE BOX.

NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.		
APPROVED JAN. 2025 REVISED: NOV. 2024		
REDUCED PRESSURE ZONE (RPZ) ASSEMBLY	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 1.22		



NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

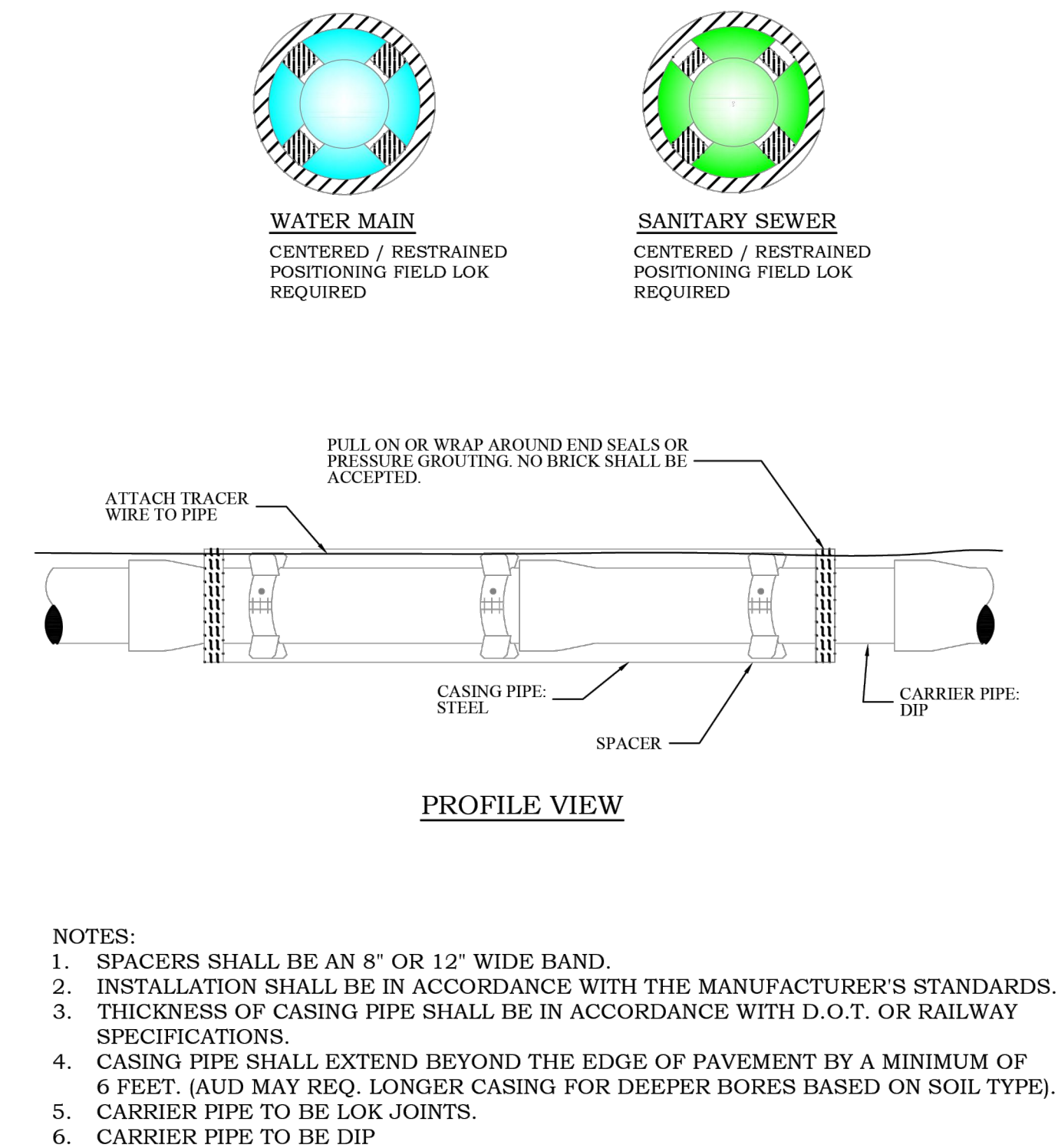
APPROVED JAN. 2025 REVISED: NOV. 2024		
RPZ OR DOUBLE CHECK ABOVE GROUND ENCLOSURE ASSEMBLY PROPERTIES	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 1.23		



- NOTES:
- ALL REDUCED PRESSURE ZONE (RPZ) ASSEMBLIES ARE TO BE INSTALLED ABOVE GROUND OR INSIDE THE FACILITY TO PROTECT FROM FREEZING. EXPOSURE TO FREEZING WILL RESULT IN IMPROPER FUNCTIONING OF THE RPZ AND MAY CAUSE UN-REPAIRABLE DAMAGE TO THE ASSEMBLY.
 - SOUTHERN BUILDING CODE SECTION 304.4 - FREEZING (1994): A WATER, SOIL OR WASTE PIPE SHALL NOT BE INSTALLED OR PERMITTED OUTSIDE OF A BUILDING OR CONCEALED IN OUTSIDE WALLS OR ANY PLACE WHERE THEY MAY BE SUBJECT TO FREEZING TEMPERATURES, UNLESS ADEQUATE PROVISION IS MADE TO PROTECT THEM FROM FREEZING.
 - FACILITIES REQUIRING AN RPZ MAY BE ALLOWED TO INSTALL THEM INSIDE THE BUILDING PROVIDED THAT EITHER: THERE IS NO OTHER CONNECTION BETWEEN THE METER AND BUILDING AND IT IS UNLIKELY ANOTHER RPZ WOULD BE INSTALLED IN THE FUTURE, OR A DOUBLE CHECK VALVE IS INSTALLED AT THE METER.
 - ALL ABOVE GROUND ENCLOSURES FOR RPZ ASSEMBLIES ARE TO BE SIZED TO THE RPZ OR LARGER PER MANUFACTURER'S SPECIFICATIONS.
 - IF A PERIMETER FOOTER IS USED GRAVEL COVERING THE ENTIRE BOTTOM OF THE ENCLOSURE MUST BE CLEANED 12" DEEP.
 - ALL ENCLOSURES ARE TO BE DESIGNED WITH DRAIN OPENINGS LARGE ENOUGH TO ACCOMMODATE A FULL DISCHARGE OF THE ASSEMBLY.

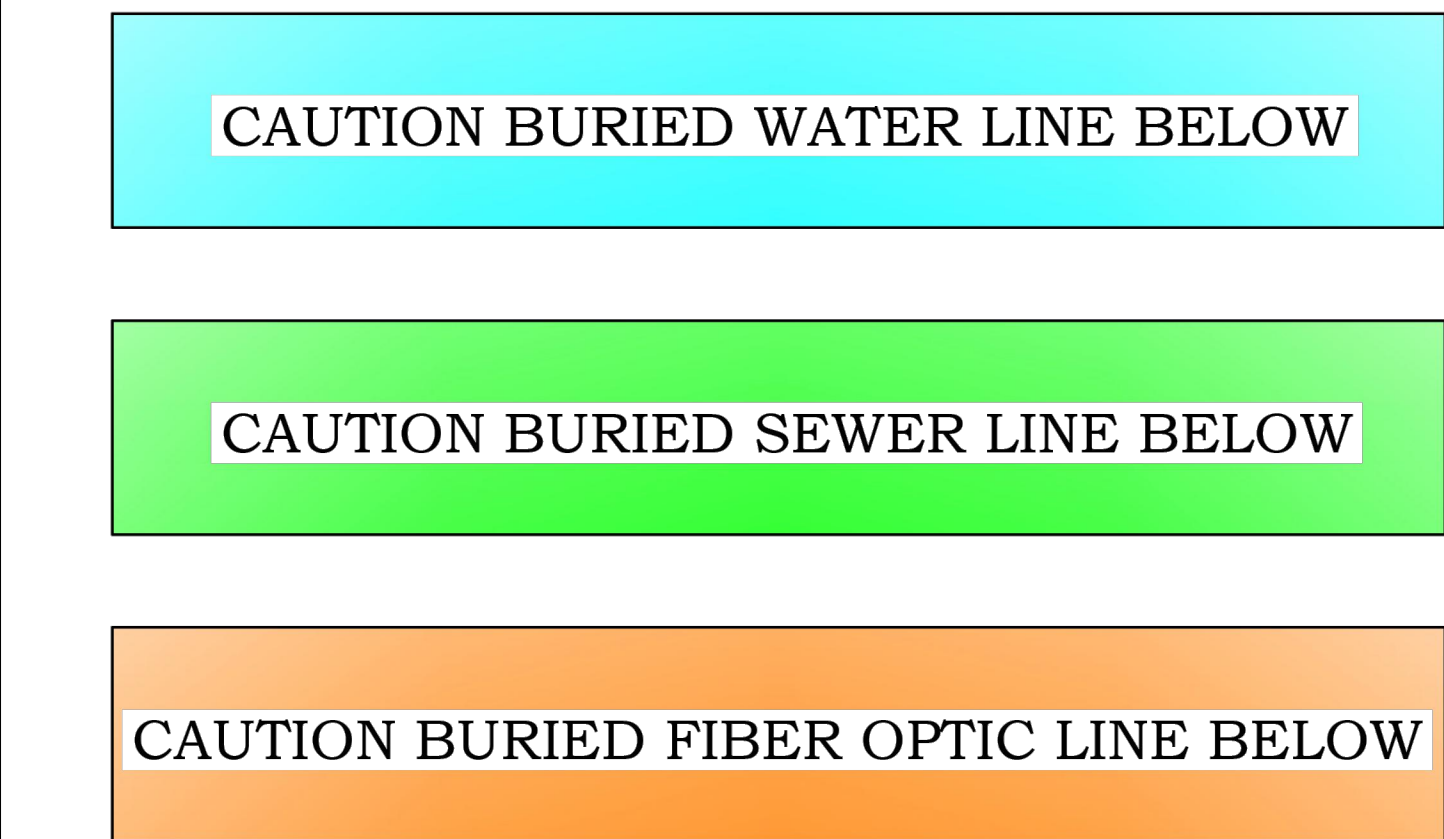
NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

APPROVED JAN. 2025 REVISED: NOV. 2024		
ABOVE GROUND ENCLOSURE DRAIN DETAIL	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 1.24		



NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

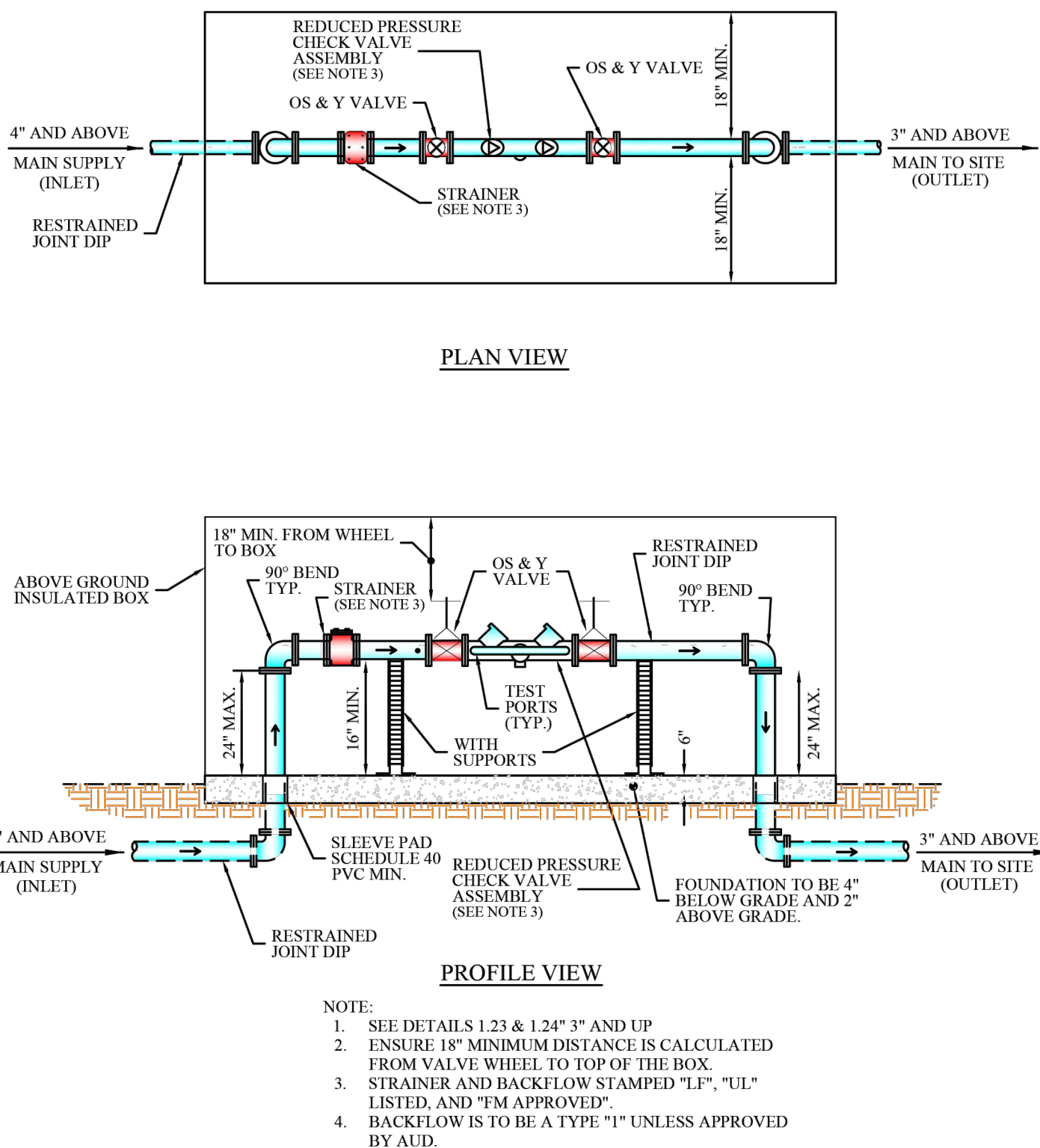
APPROVED JAN. 2025 REVISED: NOV. 2024		
JACK AND BORE (WATER AND SEWER MAINS)	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 3.5		



- NOTES:
- UNDERGROUND MARKING TAPE SHALL BE (4" WIDTH), MARKING TAPE, WITH A MINIMUM 4.0 MIL OVER-ALL THICKNESS.
 - TAPE MUST MEET THE APWA COLOR-CODE STANDARD FOR IDENTIFICATION OF BURIED UTILITIES (WATER - BLUE, SEWER - GREEN, FIBER OPTIC - ORANGE).
 - TAPE TO BE INSTALLED 2' ABOVE THE WATER LINE.

NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

APPROVED JAN. 2025 REVISED: NOV. 2024		
DETECTOR TAPE	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 3.6		



NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

APPROVED JAN. 2025 REVISED: NOV. 2024		
REDUCED PRESSURE CHECK VALVE ASSEMBLY ABOVE GROUND ENCLOSURE	AUGUSTA UTILITIES DEPARTMENT 452 WALKER STREET, SUITE 200 AUGUSTA, GA 30901	Water Is Life AUGUSTA UTILITIES
AUD DETAIL 1.27		

Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026
ISSUED FOR
BID

1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

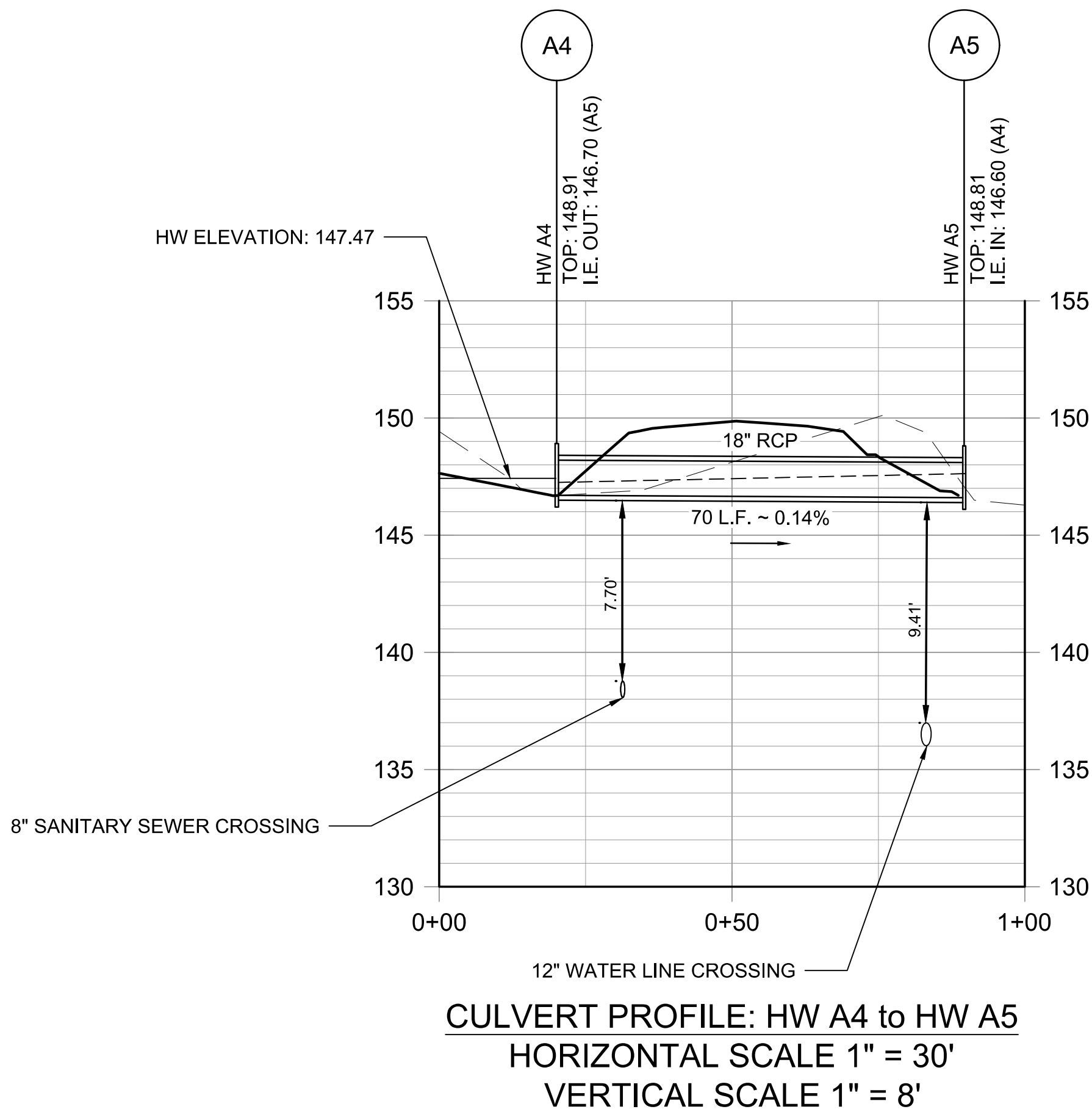
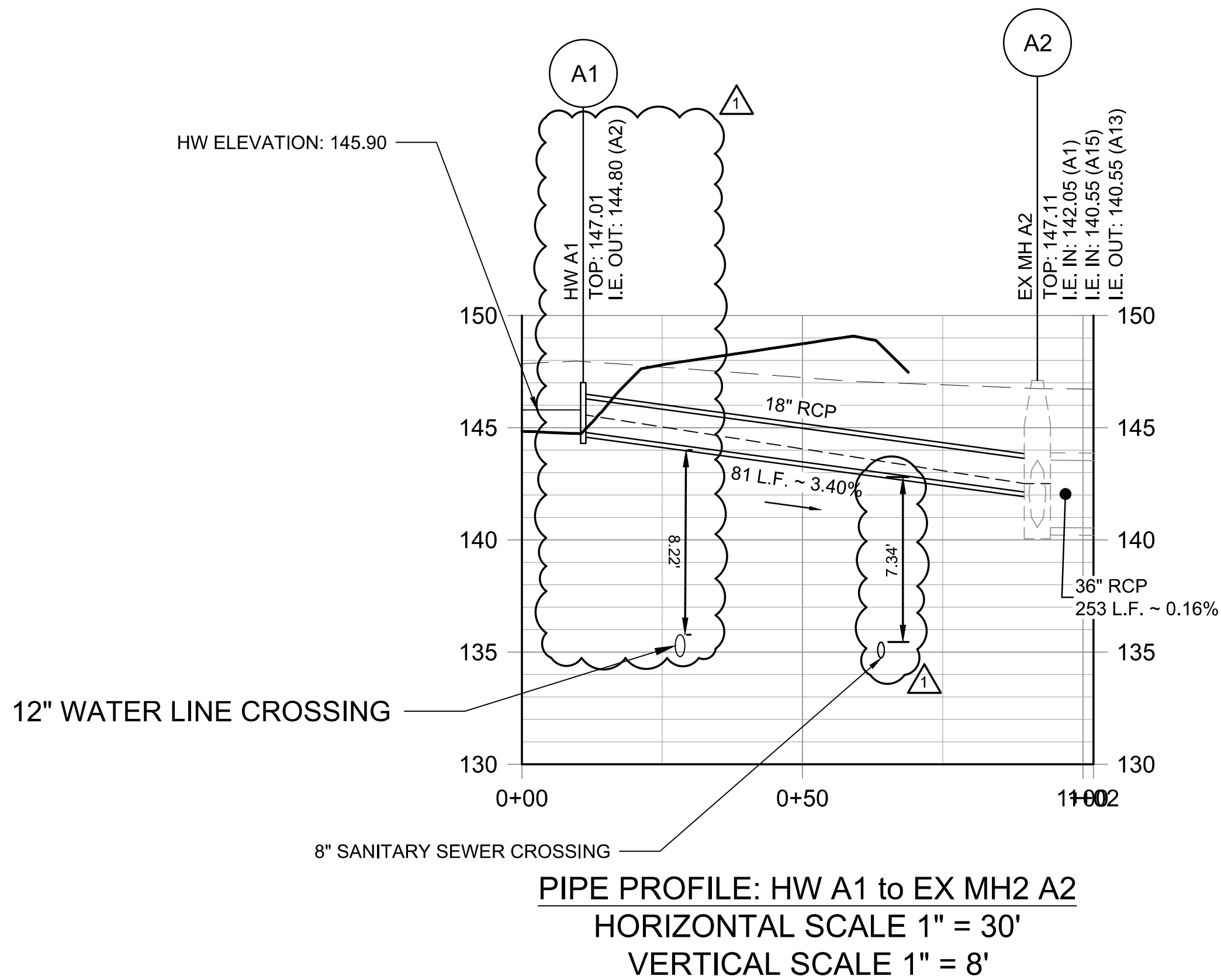
M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: CJM
DRAWN BY: CJM
CHECKED BY: KJB
DO NOT SCALE DRAWINGS

SHEET CONTENTS
WATER DETAILS

SHEET NO.

C-432

C:\AULICK\AULICK ENGINEERING\10_M&H - PROJECTS\1001_AGS\100130_AGS N ROADWAY\2 DESIGN\2E DWG\2E.4 SHEETS\C-401 DRAINAGE PLAN.DWG
3/3/2026 7:29:52 PM



ID	DESCRIPTION	DETAIL	SHEET
HW	HEADWALL	GDOT 1125 HEADWALL	C-451

---	EXISTING GROUND
---	PROPOSED GROUND
---	25-YEAR HGL

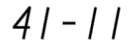


TABLE NO.1 ROUND PIPE - CONCRETE - CORRUGATED STEEL - CORRUGATED ALUMINUM															
MINIMUM CLASS OF CONCRETE OR MINIMUM THICKNESS OF STEEL AND ALUMINUM															
PIPE		HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE										PIPE			
DIAMETER (INCHES)	TYPE	MINIMUM COVER (INCHES)	1 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 50	50 - 60	60 - 70	70 - 80	80 - 90	DIAMETER (INCHES)
12	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	12
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	12	.060	.060	.060	.060	.075	.075	.075	.075	.075	.075	.075	.075	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
15	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	15
	ALUM 1	12	.060	.060	.060	.060	.075	.075	.075	.075	.075	.075	.075	.075	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
18	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	18
	ALUM 1	12	.060	.060	.060	.060	.075	.075	.075	.075	.075	.075	.075	.075	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
24	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	24
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	12	.060	.060	.060	.075	.075	.075	.075	.105	.105	.105	.105	.105	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
30	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	30
	ALUM 1	12	.075	.075	.075	.075	.075	.105	.105	.105	.135	.135	.135	.135	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
36	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	36
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	12	.075	.105	.105	.105	.105	.105	.135	.135	.135	.135	.135	.135	
	ALUM 2	12	.060	.060	.060	.060	.075	.075	.105	.105	.105	.135	.135	.135	
42	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	42
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	12	.105	.105	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	
48	ALUM 2	12	.060	.060	.060	.075	.075	.105	.105	.105	.135	.135	.135	.135	48
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
54	STEEL 1	12	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	54
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	15	.105	.105	.135	.164	.164	.164	.164	.164	.164	.164	.164	.164	
	ALUM 2	15	.060	.060	.060	.075	.075	.105	.135	.135	.164	.164	.164	.164	
60	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	60
	STEEL 1	12	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 1	15	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	
66	ALUM 2	15	.060	.060	.060	.075	.105	.135	.135	.164	.164	.164	.164	.164	66
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	
	STEEL 2	12	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
72	ALUM 1	18	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	72
	ALUM 2	18	.075	.075	.105	.105	.135	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	12	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	.138	
78	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	78
	STEEL 2	15	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 2	21	.075	.075	.105	.105	.135	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
84	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	84
	STEEL 2	15	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	
	ALUM 2	21	.105	.105	.105	.135	.135	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
90	STEEL 2	18	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	.064	90
	ALUM 2	24	.105	.105	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	
96	STEEL 2	18	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	96
	ALUM 2	24	.105	.105	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	
102	STEEL 2	24	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	.079	102
	ALUM 2	24	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 2	24	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	
108	STEEL 2	24	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	108
	ALUM 2	24	.135	.135	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	
114	STEEL 2	24	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	114
	ALUM 2	24	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 2	24	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	
120	STEEL 2	24	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	.109	120
	ALUM 2	24	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	.164	
	CONCRETE	12	III	III	IV	V	V	V	V	V	V	V	V	V	
	STEEL 1	15	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	.168	
IMPERFECT BACKFILL IS NOT REQUIRED FOR CONDITIONS SHOWN ON THE LEFT SIDE OF THE HEAVY LINE. USE NORMAL BACKFILL.			FOR CONDITIONS TO THE RIGHT OF THE HEAVY LINE, CLASS V CONCRETE PIPE REQUIRES IMPERFECT BACKFILL ACCORDING TO DETAIL "A" OR "B" ON SHEET 1 OF 3.										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
CIP BY			DES. (SUBMITTED) <i>James A. Kennel</i> STATE OF GEORGIA AIRPORT DESIGN ENGR. TRA. (APPROVED) <i>James A. Kennel</i> CHIEF ENGINEER CHK.										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
GEN. REV. NOTES			9-26-01										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
ADDED SEAM CONST. NOTE			3-9-99										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
REVISION			DATE										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
NO SCALE			OCTOBER 21, 1998										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA			STANDARD CONCRETE & METAL PIPE CULVERTS SHEET 2 OF 3 (FILL HEIGHTS FOR CONCRETE & CORRUGATED METAL PIPE)										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		
NUMBER 1030D			CHIEF ENGINEER										TABLE NO.3-INFORMATION ONLY COR. METAL THICKNESS EQUIVALENT GAGE		

STATE

PROJECT

NUMBER

G.A.

SHEET NO.

1030D

TOTAL SHEETS

10

NO SCALE

OCTOBER 21, 1998

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

STANDARD

CONCRETE & METAL PIPE CULVERTS

SHEET 2 OF 3

(FILL HEIGHTS FOR CONCRETE & CORRUGATED METAL PIPE)

DES. (SUBMITTED)

TRA. (APPROVED)

CHK.

CHIEF ENGINEER

James A. Kennel

James A. Kennel

STATE OF GEORGIA AIRPORT DESIGN ENGR.

NUMBER

1030D

STATE

PROJECT

NUMBER

G.A.

SHEET NO.

1030D

TOTAL SHEETS

10

NO SCALE

OCTOBER 21, 1998

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

STANDARD

CONCRETE & METAL PIPE CULVERTS

SHEET 2 OF 3

(FILL HEIGHTS FOR CONCRETE & CORRUGATED METAL PIPE)

DES. (SUBMITTED)

TRA. (APPROVED)

CHK.

CHIEF ENGINEER

James A. Kennel

James A. Kennel

STATE OF GEORGIA AIRPORT DESIGN ENGR.

NUMBER

1030D

STATE

PROJECT

NUMBER

G.A.

SHEET NO.

1030D

TOTAL SHEETS

10

NO SCALE

OCTOBER 21, 1998

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

STANDARD

CONCRETE & METAL PIPE CULVERTS

SHEET 2 OF 3

(FILL HEIGHTS FOR CONCRETE & CORRUGATED METAL PIPE)

DES. (SUBMITTED)

TRA. (APPROVED)

CHK.

CHIEF ENGINEER

James A. Kennel

James A. Kennel

STATE OF GEORGIA AIRPORT DESIGN ENGR.

NUMBER

1030D

STATE

PROJECT

NUMBER

G.A.

SHEET NO.

1030D

TOTAL SHEETS

10

NO SCALE</

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID

1 3/6/2026 ADDENDUM

NOT FOR CONSTRUCTION

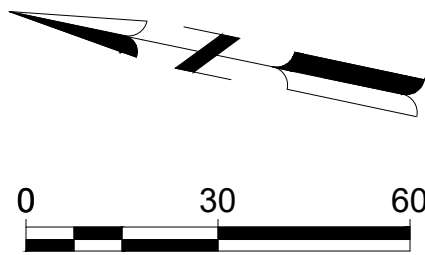
M&H NO.: 0119700-221068.0
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS

MARKING & SIGNAGE PLANS

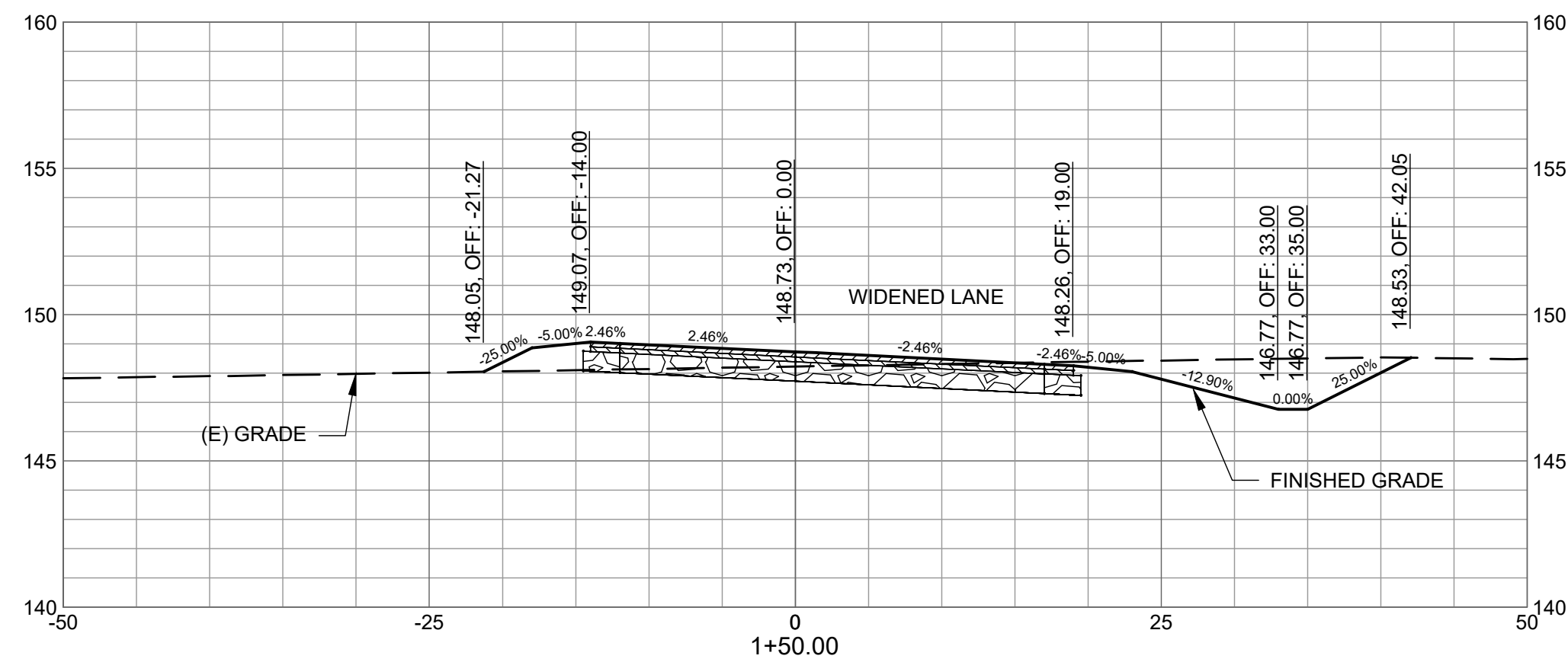
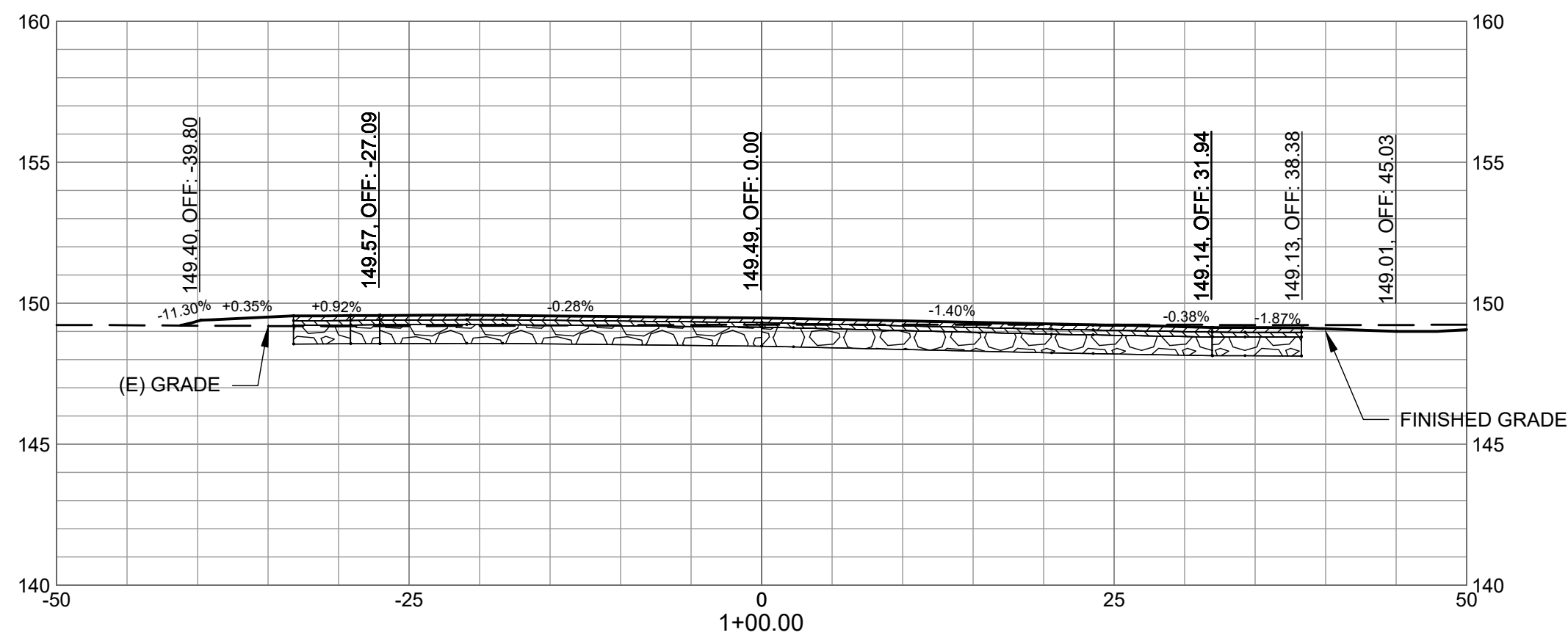
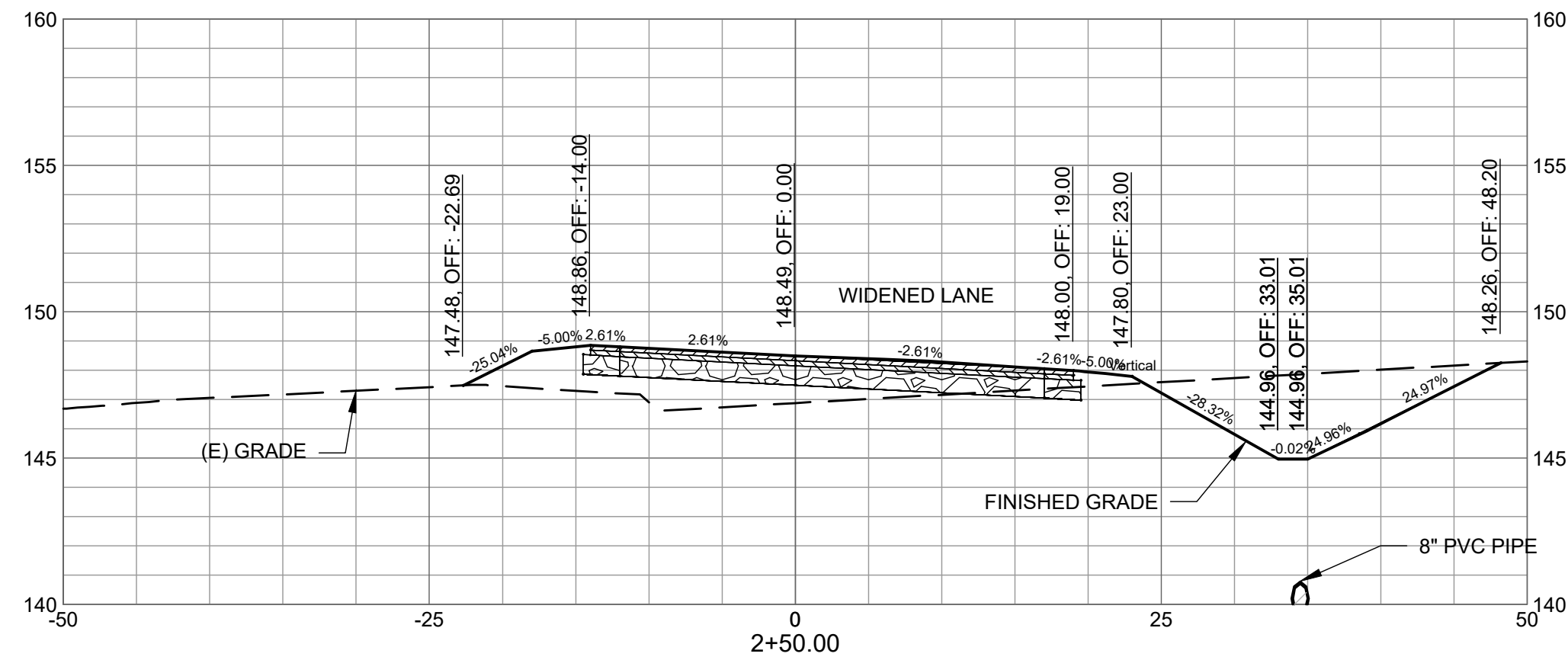
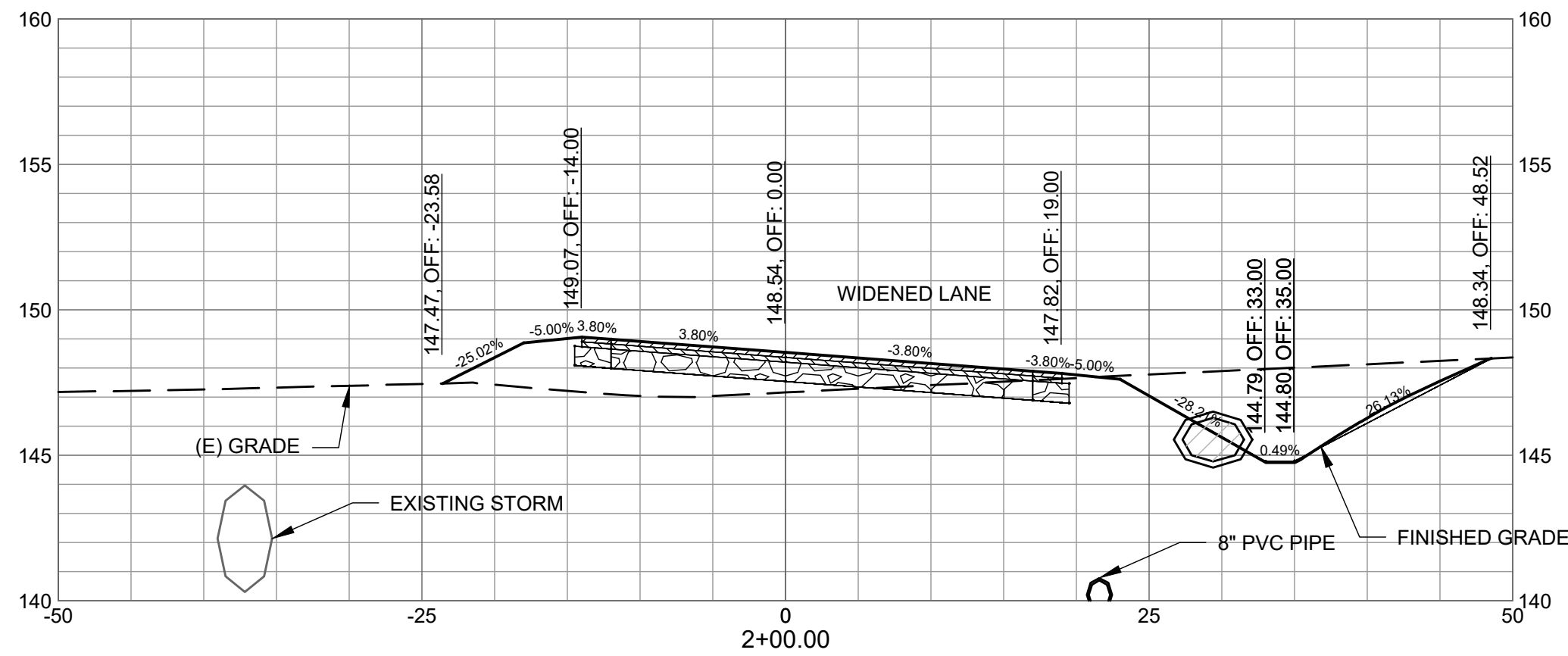
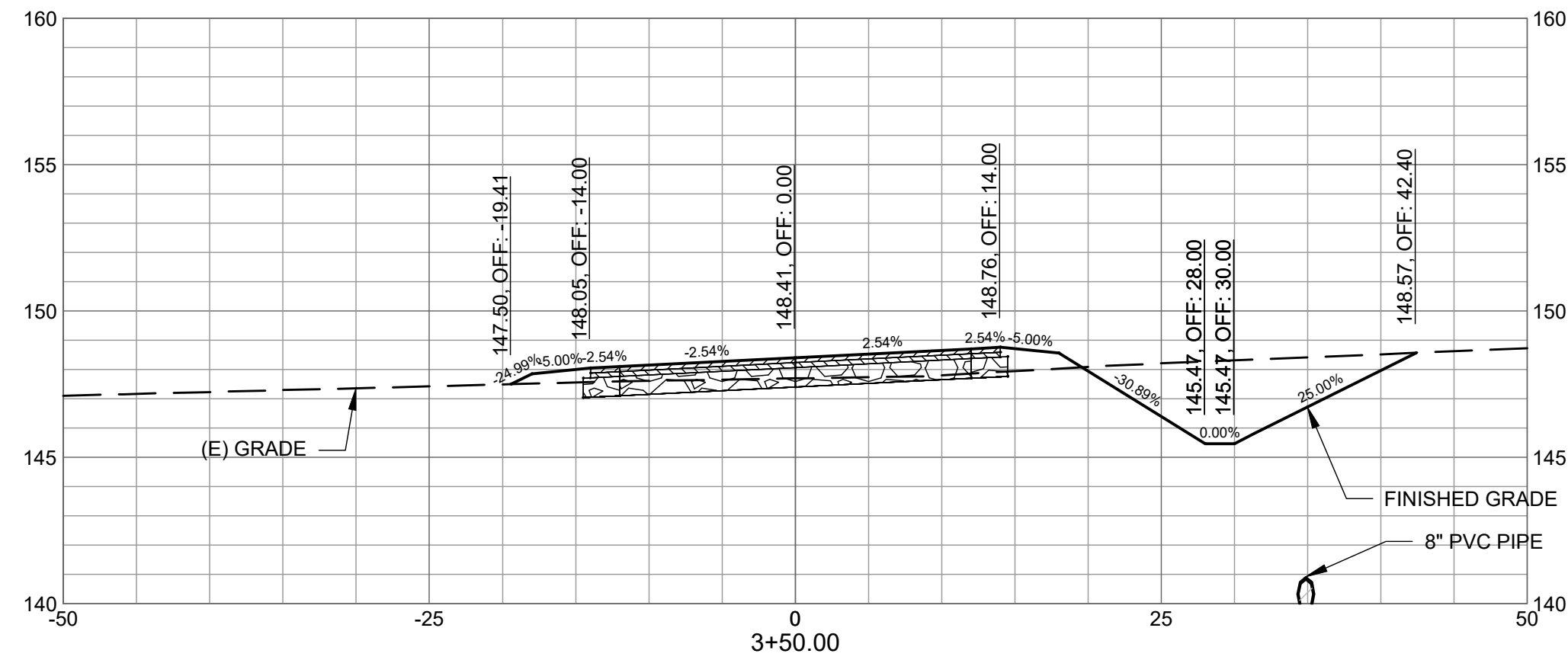
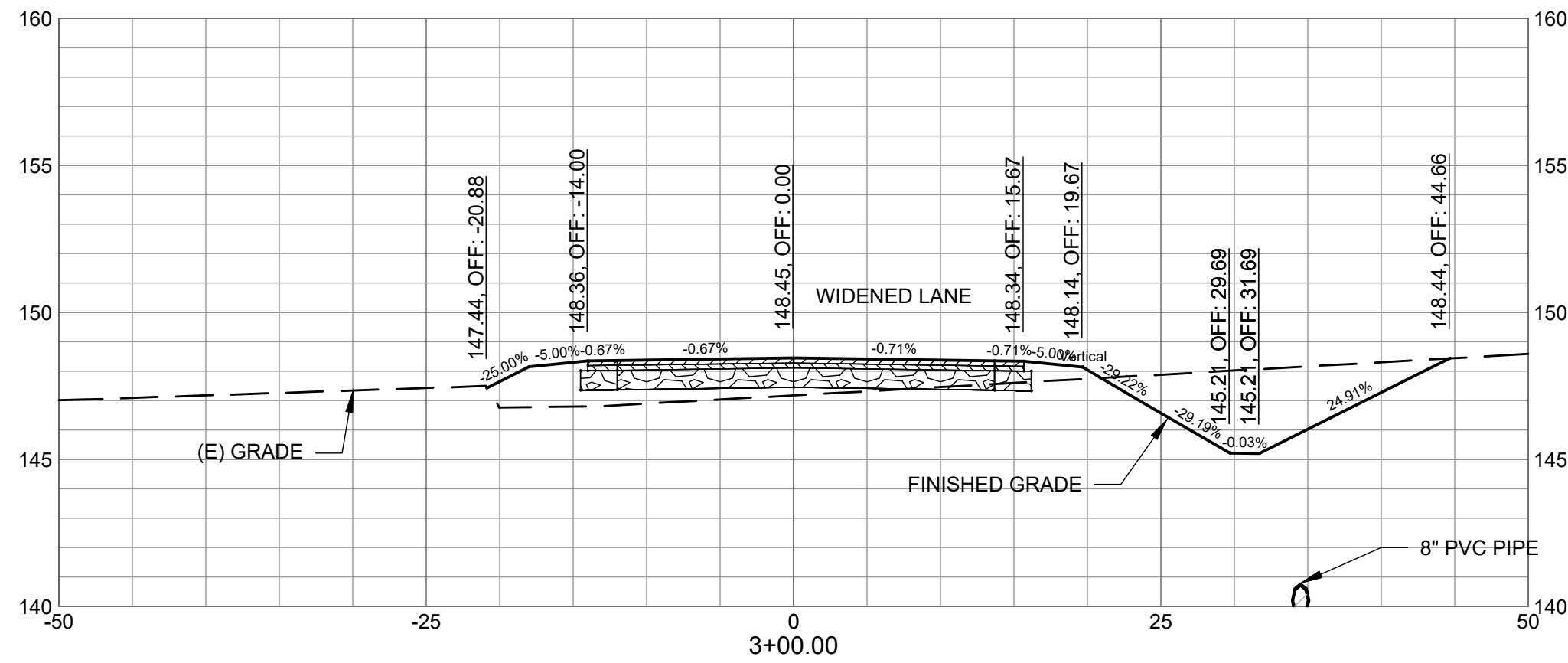
SHEET NO.

C-651



X:\0119700\221068.01\TECH\CAD\DRAWINGS\C-651 MARKING PLANS.DWG
3/3/2026 9:23:26 AM

X:\0119700\0221068.01\TECH\CAD\DRAWINGS\C-901 CROSS SECTIONS.DWG
3/3/2026 9:24:04 AM



Mead
& Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall
not be duplicated, disclosed, or used on any
other project or extension of this project
except by written agreement with Mead &
Hunt, Inc. Mead & Hunt shall not be
responsible for any unauthorized use of, or
alteration to these documents.

AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
CROSS SECTIONS
STA 01+00 TO 03+50

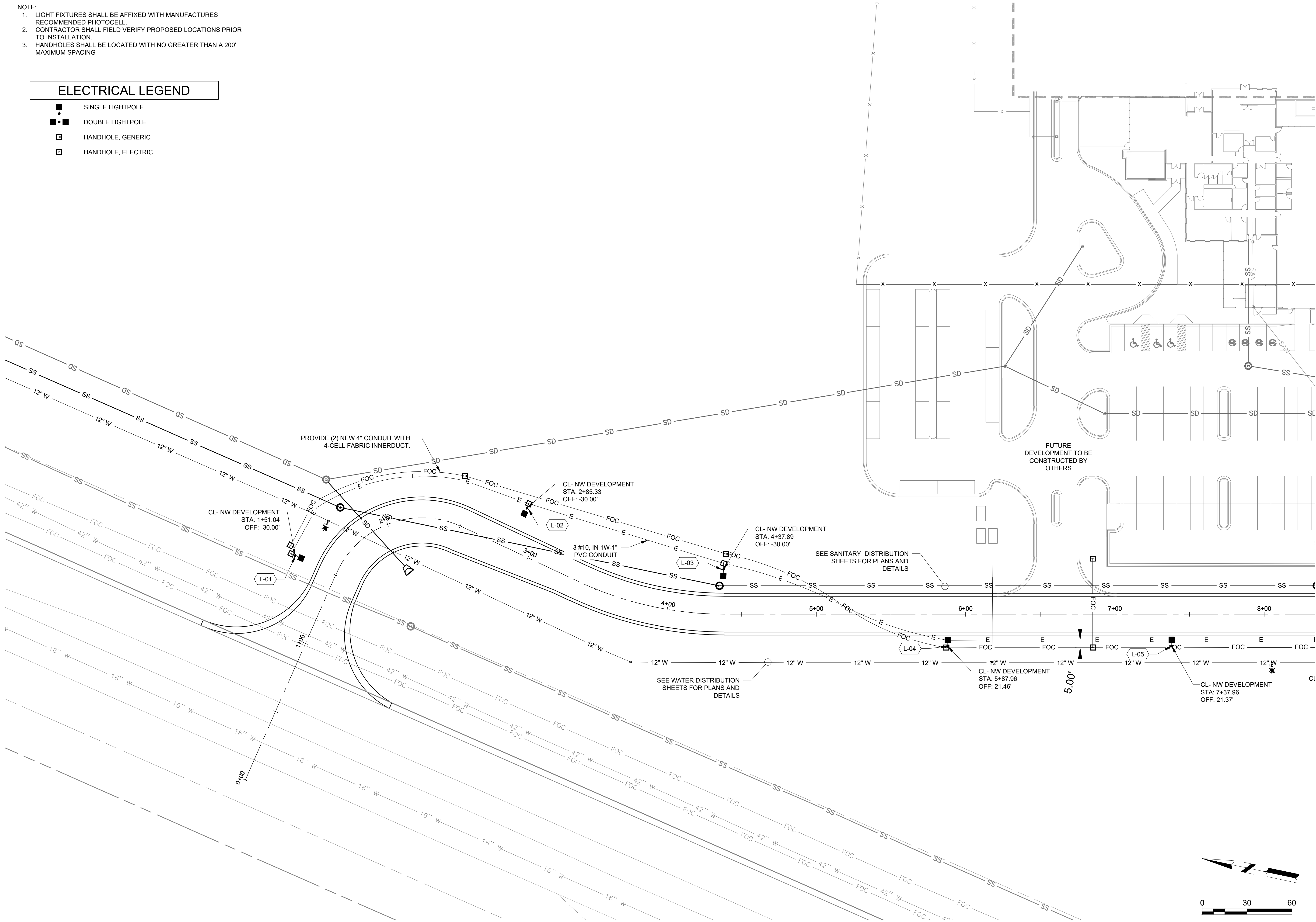
SHEET NO.

C-901

- NOTE:
1. LIGHT FIXTURES SHALL BE AFFIXED WITH MANUFACTURES RECOMMENDED PHOTOCELL
 2. CONTRACTOR SHALL FIELD VERIFY PROPOSED LOCATIONS PRIOR TO INSTALLATION.
 3. HANDHOLES SHALL BE LOCATED WITH NO GREATER THAN A 200' MAXIMUM SPACING

ELECTRICAL LEGEND

- SINGLE LIGHTPOLE
- +■ DOUBLE LIGHTPOLE
- HANDHOLE, GENERIC
- HANDHOLE, ELECTRIC



Mead & Hunt
Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com



© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

**AUGUSTA REGIONAL AIRPORT
NORTHWEST DEVELOPMENT
ROADWAY & UTILITY**
1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026 ISSUED FOR
BID
1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

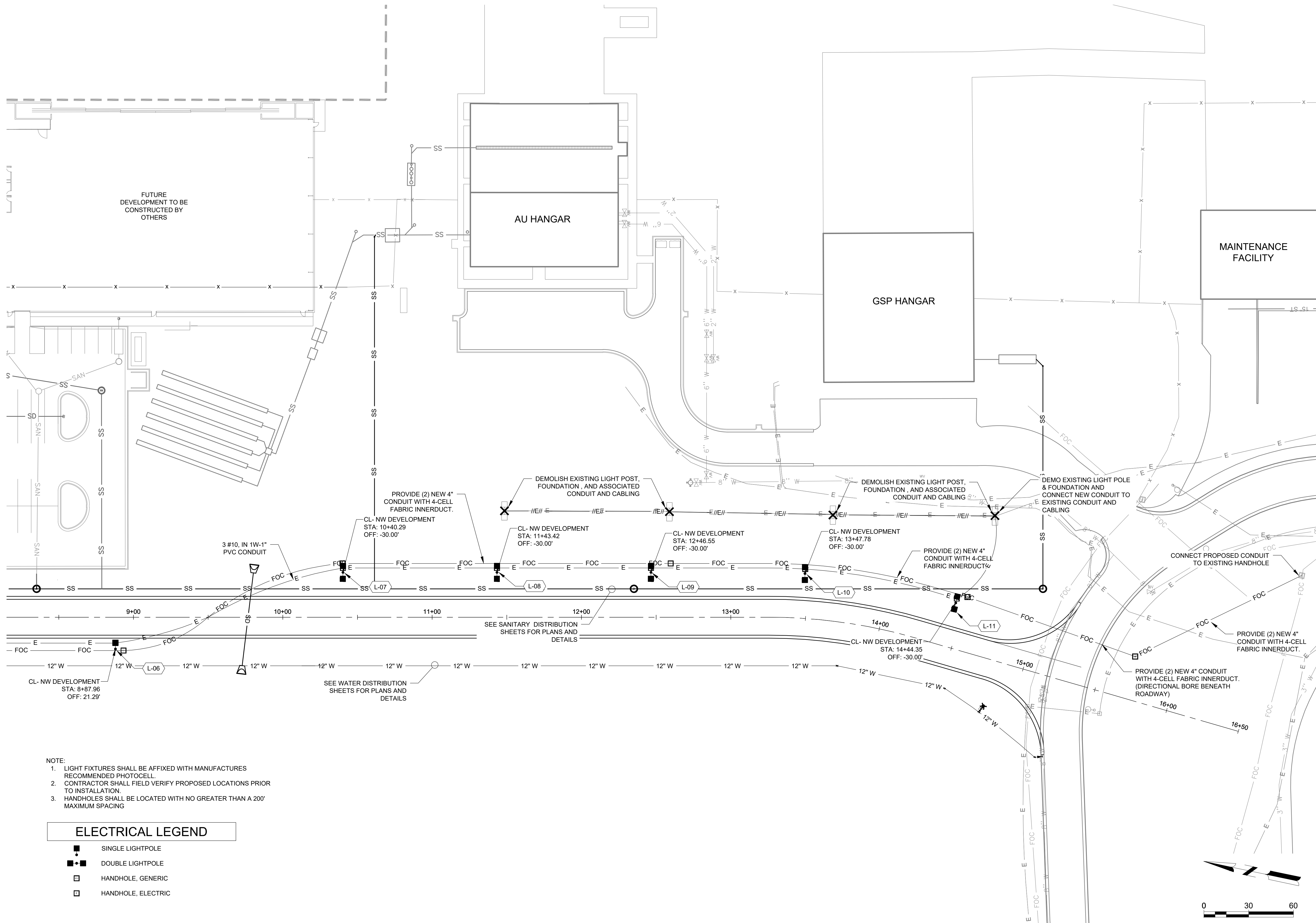
SHEET CONTENTS
SITE LIGHTING AND
CONDUIT PLAN

SHEET NO.

E-201

X:\0119700\221068.01\TECH\DRAWINGS\E-201 SITE LIGHTING AND CONDUIT PLAN.DWG
3/6/2026 11:36:24 AM

X:\0119700\221068.01\TECH\DRAWINGS\E-201 SITE LIGHTING AND CONDUIT PLAN.DWG
3/6/2026 11:39:24 AM



- NOTE:
1. LIGHT FIXTURES SHALL BE AFFIXED WITH MANUFACTURES RECOMMENDED PHOTOCELL.
 2. CONTRACTOR SHALL FIELD VERIFY PROPOSED LOCATIONS PRIOR TO INSTALLATION.
 3. HANDHOLES SHALL BE LOCATED WITH NO GREATER THAN A 200' MAXIMUM SPACING

ELECTRICAL LEGEND

- SINGLE LIGHTPOLE
- ■ DOUBLE LIGHTPOLE
- HANDHOLE, GENERIC
- HANDHOLE, ELECTRIC

Mead & Hunt

Mead and Hunt, Inc.
5955 Core Road, Suite 515
North Charleston, SC 29406
phone: 843-486-8330
meadhunt.com

AGS
AUGUSTA
REGIONAL AIRPORT

© Copyright 2024 Mead & Hunt, Inc.
This document, or any portion thereof, shall not be duplicated, disclosed, or used on any other project or extension of this project except by written agreement with Mead & Hunt, Inc. Mead & Hunt shall not be responsible for any unauthorized use of, or alteration to these documents.

AUGUSTA REGIONAL AIRPORT NORTHWEST DEVELOPMENT ROADWAY & UTILITY

1501 AVIATION WAY
AUGUSTA, GEORGIA 30906

ISSUED
02/27/2026
ISSUED FOR
BID

1 3/6/2026 ADDENDUM 1

NOT FOR CONSTRUCTION

M&H NO.: 0119700-221068.01
DATE: MARCH 6, 2026
DESIGNED BY: NJH
DRAWN BY: KEE
CHECKED BY: EJS
DO NOT SCALE DRAWINGS

SHEET CONTENTS
SITE LIGHTING AND
CONDUIT PLAN

SHEET NO.

E-202