US Army Corps
of Engineers ®
MOBILE DISTRICT

FORT RUCKER, ALABAMA
CAIRNS REHABILITATE HELIPADS AND LIGHTS

PHASE 2 SEED PROJECT

MOBILE DISTRICT PROJECT CODE : MHY25004
SOLICITATION NUMBER: W9127824R0131/W9127826RA026
ISSUE DATE: OCTOBER 2026

AMENDMENT NO. 0003

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MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED TITLE BLOCK BID OPTION NUMBER	

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U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FT RUCKER, ALABAMA CAIRNS
REHABILITATE HELIPADS AND LIGHTS

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SHEET ID

G-002

AMENDMENT NO. 0003

GENERAL NOTES:

1. THIS PROJECT IS LOCATED WITHIN A RESTRICTED AIRFIELD. ACCESS ON AND OFF AIRFIELD SHALL BE COORDINATED THROUGH THE COR, THE AIRFIELD MANAGER AND THE AIR TRAFFIC CONTROL TOWER.
2. THE AIRFIELD WILL REMAIN ACTIVE DURING CONSTRUCTION OPERATIONS.
3. CONTRACTOR SHALL YIELD TO AIRCRAFT AT ALL TIMES.
4. COORDINATE WITH AIRFIELD OPERATIONS AND G3 AIRSPACE, THROUGH THE COR, REGARDING ANY REQUIRED NOTAM'S FOR AIRFIELD.
5. ALL WORK SHALL BE PERFORMED IN ACORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.
6. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.
7. WEEKLY BRIEFINGS SHALL BE CONDUCTED BY THE CONTRACTOR WITH THE COR, FOR THE PURPOSE OF COORDINATING CONSTRUCTION ACTIVITIES AND ACTIVITIES SCHEDULED NEARBY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INTERVAL (WEEKLY, BIWEEKLY, ETC.) FOR THE REQUIRED BRIEFINGS PRIOR TO COMMENCEMENT OF SITE CONSTRUCTION ACTIVITY. THE AIRFIELD OPERATIONS OFFICER AND/OR THE COR SHALL HAVE THE AUTHORITY TO IMMEDIATELY SUSPEND AUTHORIZATION TO WORK FOR SAFETY, SECURITY, SCHEDULE OR OTHER REASONS.
8. CONTRACTOR LAYDOWN AND STAGING AREA SHALL BE LOCATED AS SHOWN ON THE PLANS.
9. ACCESS TO THE AIRFIELD SHALL BE THROUGH THE MAIN GATE. CONSTRUCTION ACCESS CAN BE GRANTED BY AIRFIELD OPERATIONS TO THE ACCESS GATES AS SHOWN ON THE PLANS. THE CONTRACTOR MUST COORDINATE ACCESS TO EXTERIOR GATES WITH WITH THE COR AND AIRFIELD OPERATIONS. THE BASE MAIN GATE IS OPERATIONAL 24 HOURS A DAY.
10. ALL WORK SHALL BE SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF STATE, LOCAL, AND GOVERNMENT REGULATORY AGENCIES AND THE COR.
11. THE GENERAL CONTRACTORS WORKING HOURS ARE TO BE 0700 TO 1700. ANY DEVIATION FROM STANDARD WORKING HOURS SHALL BE COORDINATED WITH AIRFIELD OPERATIONS THROUGH THE COR PRIOR TO COMMENCING WORK.
12. NIGHT WORK SHALL BE COORDINATED WITH THE COR AND AIRFIELD MANAGER. LIGHTING SHALL NOT INTERFERE WITH AIRFIELD OPERATIONS.
13. THE CONTRACTOR SHALL INSPECT THE WORK AREA FOR FOD DAILY. SWEEPING OF THE AIRFIELD TO OCCUR DAILY AT THE END OF CONSTRUCTION OPERATIONS ALONG THE WORK AREA AND HAUL ROUTE WITHIN THE AIRFIELD.
14. INSTALL TEMPORARY CONSTRUCTION FENCE TO DEFINE THE LIMITS OF WORK. CONTRACTORS TO MAINTAIN EMERGENCY VEHICLE ACCESS THROUGH CONSTRUCTION SITE AT ALL TIMES.
15. ACCESS ROUTES MAY BE SUBJECT TO CHANGE BASED ON OPERATIONAL REQUIREMENTS ON BASE. POTENTIAL SCHEDULE IMPACTS SHALL BE COORDINATED WITH THE COR.
16. THE EXISTING BASE ROAD SPEED LIMITS AND LOAD LIMITS ARE STRICTLY ENFORCED, COORDINATE WITH COR FOR LIMITS.
17. EXISTING BASE ROADS USED AS HAUL ROADS SHALL BE MAINTAINED SUCH THAT UNOBSTRUCTED ACCESS WILL BE PROVIDED AT ALL TIMES FROM THE ROAD TO THE STAGING AREA AND FROM THE STAGING AREA TO THE WORK SITE AND FACILITATE GOVERNMENT ACCESS TO THE BASE AT ALL TIMES. THE MAINTENANCE OF HAUL ROADS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE GOVERNMENT. THE HAUL ROUTE LOCATIONS SHALL BE AS INDICATED ON THE DRAWINGS AND APPROVED BY THE COR. THE CONTRACTOR IS REQUIRED TO IMMEDIATELY CLEAN ANY DEBRIS DEPOSITED ONTO THE SITE, ROADS, ETC FROM CONTRACTOR'S EQUIPMENT OR OPERATIONS. MATERIAL DROPPED/SPILLED WITHIN THESE AREAS SHALL BE CONTINUOUSLY REMOVED BY APPROVED METHODS DURING WORKING HOURS.
18. EXISTING UTILITIES TO REMAIN. RAISE MANHOLE TOPS TO FINISHED GRADE AS REQUIRED. CONTRACTOR SHALL HAVE A SIGNED DIG PERMIT ON SITE PRIOR TO START OF CONSTRUCTION. DIG PERMIT SHALL BE LOCATED ON SITE AT ALL TIMES AND BE UPDATED AS REQUIRED THROUGHOUT THE PROJECT.
19. CONTRACTOR SHALL PROVIDE A MINIMUM 21 DAY NOTICE TO THE BASE, THROUGH THE COR, PRIOR TO ANY REQUESTED CLOSURES. THE 21 DAY ADVANCE NOTICE DOES NOT MEAN THE REQUEST WILL BE AUTOMATICALLY APPROVED. THE CONTRACTOR IS TO COORDINATE WITH THE BASE AND COR TO FINALIZE DATES OF CLOSURE. IF ANY EMERGENCY ROUTES REQUIRE CLOSURE DUE TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE COR, POLICE, FIRE AUTHORITY, AND ALL OTHER EMERGENCY SERVICES OF THE CLOSURE 21 DAYS IN ADVANCE FOR APPROVAL.
20. CONTRACTOR SHALL COORDINATE ACTIVES THROUGHOUT THE PROJECT IN A MANNER THAT ALLOWS EMERGENCY ACCESS TO ALL EXISTING ROADWAYS AT ALL TIMES WITHOUT DELAY TO EMERGENCY VEHICLES RESPONSE TIMES.
21. CONTRACTOR SHALL PROVIDE AND INSTALL A PROFESSIONALLY PAINTED SIGN, MEETING COR APPROVAL, AT THE CONSTRUCTION ENTRANCE TO DIRECT MATERIAL SUPPLIERS AND EMPLOYEES TO THE CONSTRUCTION SITE. CONTRACTOR SHALL PROVIDE A MINIMUM NOTICE OF 48 HOURS TO THE COR REGARDING OVERSIZED OR CONSTRUCTION DELIVERIES. CONTRACTOR SHALL COORDINATE DELIVERS WITH BASE SECURITY FORCES BY SUBMISSION OF THE CORRECT ENTRY PASS PAPERWORK VIA THE COR.
22. ALL CONTRACTOR VEHICLES AND PERSONNEL MAY BE SEARCHED BY BASE SECURITY POLICE WHEN ENTERING THE BASE AND MAY EXPERIENCE DELAYS. ALL PERSONNEL ENTERING CAIRNS FIELD, FT RUCKER, MUST HAVE A VALID PHOTO ID PER BASE SECURITY REQUIREMENTS. ALL VEHICLES ENTERING THE BASE MUST HAVE CURRENT/VALID REGISTRATION, CURRENT/VALID INSURANCE, AND CURRENT/VALID DRIVER'S LICENSE FOR THE OPERATOR. ALL CONTRACTOR VEHICLES AND PERSONNEL SHALL BE RESPONSIBLE FOR COORDINATING WITH THE BASE SECURITY OFFICER IN OBTAINING PROPER SECURITY CLEARANCE AND BADGING PRIOR TO ENTERING SECURE AREAS.
23. ALL CONSTRUCTION EQUIPMENT AND CONTRACTOR CONSTRUCTION VEHICLES SHALL BE MARKED WITH COMPANY PAINTED DESIGNS, INSIGNIAS OR OTHER COMPANY MARKINGS, WHICH ARE CLEARLY VISIBLE.
24. CONSTRUCTION EQUIPMENT SHALL HAVE AUTOMATIC SIGNALING DEVICES TO SOUND AN ALARM WHEN MOVING IN REVERSE.
25. ONLY RUBBER-TIRED VEHICLES SHALL BE ALLOWED ON EXISTING PAVEMENT THAT IS TO REMAIN.
26. WHEN NOT ENGAGED IN CONSTRUCTION ACTIVITIES, THE CONTRACTOR'S CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE PARKED WITHIN THE STAGING AREA OR FENCED CONSTRUCTION AREA.
27. THE CONTRACTOR SHALL COORDINATE WITH COR CONCERNING ANY GOVERNMENT OWNED EQUIPMENT REQUIRING RELOCATION TO COMPLETE PROJECT WORK.
28. THE CONTRACTOR SHALL MAINTAIN SAFETY PRACTICES THAT CONFORM TO OSHA REGULATIONS AND USACE SAFETY MANUAL. 1
29. THE CONTRACTOR SHALL PROVIDE PERSONNEL TO MONITOR ACCESS GATES DURING CONSTRUCTION. PORTABLE SHELTERS AND LATRINES SHALL BE INSTALLED AT THE CONTRACTORS DISCRETION.
30. NO SMOKING IS PERMITTED ON THE AIRFIELD. CONTRACTOR IS TO COMPLY WITH ALL AIRFIELD SAFETY REQUIREMENTS.
31. THE CONTRACTOR SHALL PERFORM ON-SITE INSPECTIONS DAILY AND REMEDY ANY SAFETY CONCERNS IMMEDIATELY PRIOR TO LEAVING THE SITE FOR THE DAY. IT SHALL BE CONTRACTORS RESPONSIBILITY TO ENSUE NO UNSAFE CONDITIONS ARE LEFT UN-ADDRESSED PRIOR TO DEPARTING AT THE END OF THE WORK DAY
32. ANY SOIL DISTURBANCE REQUIRES A STORM WATER BEST MANAGEMENT PRACTICES TO BE INSTALLED IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING OPERATIONS. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF AT ANY TIME AN EROSION CONTROL MEASURE FAILS, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IMPLEMENTED TO CONTROL SEDIMENT AT THE SITE.

PAVING OPERATION NOTES

1. NO BASE/SUBBASE SHALL BE LEFT OPEN OVERNIGHT WITHOUT PROPER EROSION CONTROL MEASURES IN PLACE.
2. THE CONTRACTOR SHALL ENSURE THAT PONDING DOES NOT OCCUR DUE TO CONSTRUCTION ACTIVITIES.
3. CONTRACTOR TO LIMIT CONSTRUCTION TRAFFIC ON EXISTING PAVEMENT TO REMAIN.

UTILITY NOTES

1. CONTRACTOR SHALL MARK ALL ACTUAL LOCATIONS OF ALL UNDERGROUND CABLE AND UTILITIES (COMM, WATER, ETC.) BEFORE THE START OF CONSTRUCTION. CAUTION SHALL BE TAKEN BY THE CONTRACTOR AROUND ANY UNDERGROUND CABLE OR UTILITY. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE COR AT NO ADDITIONAL COST TO THE GOVERNMENT.
2. CONSTRUCTION DOCUMENTS RELATED TO THE LOCATION OF THESE EXISTING UNDERGROUND WATER, SEWER, ELECTRICAL AND COMMUNICATION UTILITIES MAY NOT REPRESENT ACTUAL INSTALLED CONDITIONS. THE CONSTRUCTION CONTRACTOR SHALL COORDINATE WITH THE COR TO VERIFY ALL ACTUAL LOCATIONS OF ALL PLACED UTILITIES BEFORE BEGINNING ANY REMOVAL WORK.

DEMOLITION NOTES

1. ALL RECYCLABLE MATERIALS SUCH AS CARDBOARD, PAPER, METAL, UNPAINTED WOOD, CLEAN CONCRETE AND ASPHALT MUST BE SEPARATED BY MATERIAL TYPE AND TRANSPORTED TO AN ADEM REGISTERED RECYCLING FACILITY IN ACCORDANCE WITH CHAPTER 335-13-3 OF ALABAMA ADMINISTRATIVE CODE.
2. CONSTRUCTION AND DEMOLITION DEBRIS TO BE DISCARDED AND NOT RECYCLED MUST BE DISPOSED OF IN AN ADEM PERMITTED CONSTRUCTION AND DEMOLITION LANDFILL (EITHER COFFEE COUNTY LANDFILL OR ROSE HILL LANDFILL).
3. THE CONTRACTOR MUST PREPARE A USACE FORM 2720 PRE-CONSTRUCTION/DEMO WITH THE PROPOSED RECYCLERS AND/OR LANDFILLS AND SUBMIT TO DPW-ENRD FOR APPROVAL PRIOR TO WASTE LEAVING THE INSTALLATION. 1
4. ALL FILL MATERIAL NEEDED FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM AN OFF-POST SOURCE. THE OFF-POST BORROW PIT MUST BE PERMITTED THROUGH ADEM AND APPROVED BY THE DPW-ENRD PRIOR TO DELIVERY.
5. CONCRETE WASHOUT WILL NOT BE DONE DIRECTLY ON THE GROUND. IF WASHING OF ANY PART OF A CONCRETE TRUCK MUST BE DONE, IT WILL BE IN A PIT LINED WITH PLASTIC OR A MOBILE DEVICE TO BE USED FOR THIS PURPOSE. ONCE WATER HAS EVAPORATED, THE SOLIDS WILL BE DISPOSED OF IN AN ADEM APPROVED LANDFILL OR SENT FOR RECYCLING.
6. REMOVE EXISTING AIRFIELD PAVEMENT MARKINGS PER SPECIFICATION 32 01 11.51 RUBBER AND PAINT REMOVAL FROM AIRFIELD PAVEMENTS.
7. CONTRACTOR SHALL STOP WORK IMMEDIATELY AND CONTACT THE COR IF A UTILITY LINE IS DISTURBED.
8. ALL BULBS/LAMPS TO BE REMOVED FROM THE AIRFIELD LIGHTING MUST BE MANAGED AS UNIVERSAL WASTE ACCORDING TO 40 CFR 273. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PURCHASE THE CORRECT SHIPPING CONTAINERS FOR COLLECTING THE LAMPS. LAMPS MUST BE SEGREGATED BY TYPE AND BY SIZE. ONCE THE LAMPS ARE REMOVED FROM SERVICE THE CONTRACTOR MUST PROPERLY CONTAINERIZE AND LABEL THE LAMPS ACCORDING TO 40 CFR 273 FOR UNIVERSAL WASTE. ONCE THE CONTAINER IS FULL THE CONTRACTOR MUST ARRANGE FOR TURN IN OF THE LAMPS THROUGH THE 90-DAY HWCAA, BLDG. 1207. PARTIALLY FILLED CONTAINERS MAY BE TURNED IN TO THE HMCC, BLDG. 1315 (334-598-1311), FOR CONSOLIDATION. SHOULD A MERCURY CONTAINING LAMP BE BROKEN, THE LAMP(S) ARE TO BE MANAGED AS HAZARDOUS WASTE.
9. COMPLETE REMOVAL REQUIRED: THE CONTRACTOR SHALL COMPLETELY REMOVE AND DISPOSE OF ALL EXISTING AIRCRAFT MOORINGS (TIE-DOWNS), STATIC GROUNDING RECEPTACLES, AND ASSOCIATED SUBSURFACE CONCRETE ANCHORS/FOUNDATIONS LOCATED WITHIN THE DESIGNATED LIMITS OF PAVEMENT REMOVAL.
10. UNMAPPED APPURTENANCES: THIS REMOVAL REQUIREMENT APPLIES TO ALL SUCH APPURTENANCES WITHIN THE DEMOLITION LIMITS, REGARDLESS OF WHETHER THEY ARE EXPLICITLY SHOWN ON THESE PLANS OR DISCOVERED DURING THE COURSE OF CONSTRUCTION OPERATIONS.
11. SUBGRADE RESTORATION: ANY VOIDS OR DEPRESSIONS CREATED BY THE EXCAVATION OF DEEP FOUNDATIONS OR MOORING BLOCKS THAT EXTEND BELOW THE REQUIRED NEW SUBGRADE ELEVATION SHALL BE BACKFILLED WITH APPROVED STRUCTURAL FILL MATERIAL AND COMPACTED TO MEET THE DENSITY REQUIREMENTS OF THE SURROUNDING SUBGRADE PRIOR TO NEW PAVEMENT INSTALLATION.

LANDSCAPING NOTES

1. HYDROSEED ALL DISTURBED AREAS AS INDICATED.
2. HYDROSEED AREAS SHALL BE APPROVED BY THE COR.
3. ANY DISTURBED AREAS MUST RESTORED TO PRE-CONSTRUCITON CONDITION, BE RE-VEGETATED, AND MEET ADEM'S DEFINITION OF FINAL STABILIZATION FOUND IN PART V OF THE CONTRITION GENERAL PERMIT, ALR 100000.

EROSION CONTROL NOTES

1. CONTRACTOR IS TO SUBMIT A BMP PLAN TO THE COR IN CONFORMANCE WITH SPECIFICATION 01 57 19 TEMPORARY ENVIRONMENTAL CONTROLS - FORT RUCKER STANDARD.
2. ADEM GENERAL PERMIT FOR CONSTRUCTION SHALL BE REQUIRED AND THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, APPLICATIONS, TESTING AND SIGNATURES.
3. CONTRACTOR SHALL PROVIDE ALL BMPS AS NECESSARY FOR EACH PHASE OF CONSTRUCTION IN ACCORDANCE WITH THE ADEM GENERAL PERMIT.
4. BMP PLAN SHALL BE DESIGNED BY THE CONTRACTOR IN ACCORDANCE WITH THE ADEM GENERAL PERMIT AND THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES.
5. BMP PLANS PRESENTED SHALL BE A MINIMUM LEVEL OF BMPS AND THE CONTRACTOR SHALL PROVIDE ADDITION BMPS AS NECESSARY TO INSURE NO SEDIMENT FROM CONSTRUCTION ARE DISCHARGED FROM THE CONSTRUCTION AREAS DURING ANY PHASE OF CONSTRUCTION.

CONSTRUCTION AND PHASING NOTES

1. THE CONTRACTOR SHALL PROVIDE A WORK SCHEDULE AND DETAILED PHASING CLOSURE PLAN TO THE COR 45 DAYS PRIOR TO THE SCHEDULED CLOSURE DATE. AND SHALL BE APPROVED BY THE COR, AND AIRFIELD OPERATIONS.
2. CONTRACTOR SHALL YIELD TO AIRCRAFT AT ALL TIMES.
3. COORDINATE WITH THE COR AND AIRFIELD OPERATIONS ON THE CLOSURE OF PAVEMENT.
4. CONTRACTOR SHALL COORDINATE WITH COR AND AIRFIELD OPERATIONS REGARDING CONCURRENT WORK ON PHASES.
5. ALL WORK SHALL BE INSPECTED BY COR, COORDINATED WITH AIRFIELD OPERATION THROUGH THE COR, AND APPROVED FOR OPERATIONAL USE PRIOR TO THE CONTRACTOR TURNING THE PAVEMENT OVER TO THE GOVERNMENT.
6. SEE ELECTRICAL PLANS FOR ADDITIONAL PHASING DETAILS REGARDING AIRFIELD LIGHTING.

GRADING AND STORMWATER NOTES

1. ALL STORMWATER PIPE SHALL BE CLASS III RCP UNLESS SPECIFIED OTHERWISE ON THE PLANS OR WITHIN THE CONTRACT SPECIFICATIONS.
2. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE CONTRACTING OFFICER REP PRIOR TO REQUESTING FINAL INSPECTION.
4. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT APPROVAL FROM THE CONTRACTING OFFICER.

SURVEY NOTES

1. THE HORIZONTAL DATUM UTILIZED FOR THIS PROJECT IS NAD 1983 ALABAMA EAST ZONE, 1990 ADJUSTMENT, U.S. SURVEY FEET.
2. THE VERTICAL DATUM UTILIZED FOR THIS PROJECT IS NAVD 1988, U.S. SURVEY FEET.

SURVEY CONTROL POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	279423.55	692441.89	290.5545	BT2369_NGS_23-7
3	284716.79	693577.27	295.197	OZR-C2010
25	281716.76	694347.66	295.5373	CAIRNS-2

PHASING NOTES

1. AIRFIELD TO REMAIN ACTIVE DURING CONSTRUCTION OPERATIONS. CONTRACTOR TO YIELD TO AIRCRAFT AT ALL TIMES.
2. COORDINATE WITH AIRFIELD OPERATIONS AND G3 AIRSPACE, THROUGH THE COR ON NOTAM'S FOR THE AIRFIELD.
3. PHASES ARE ALLOWED TO BE CONSTRUCTED CONCURRENTLY WITH APPROVAL FROM THE COR.
4. A PHASE SHALL BE COMPLETE AND USABLE, AS APPROVED BY THE COR, BEFORE IT IS TO BE TURNED OVER TO THE GOVERNMENT.
5. SPECIFIC PHASING FOR HELIPAD CONSTRUCTION IS DETAILED ON SHEET C-006. COORDINATION WITH AIRFIELD OPERATIONS AND G3 AIRSPACE IS REQUIRED FOR EACH HELIPAD CONSTRUCTION PHASE.

HELIPAD PERIMETER LIGHTING INSTALLATION NOTES (ASPHALT SHOULDER)

1. INSTALLATION METHOD: THE CONTRACTOR SHALL UTILIZE THE "BLOCK-OUT" (CORE AND GROUT) METHOD FOR ALL IN-PAVEMENT HELIPAD EDGE LIGHTS (L-868 BASES) LOCATED IN THE ASPHALT SHOULDER. INSTALLATION OF LIGHT BASES PRIOR TO FINAL ASPHALT PAVING AND COMPACTION IS STRICTLY PROHIBITED TO PREVENT ROLLER DAMAGE AND ENSURE UNIFORM ASPHALT DENSITY.
2. PAVING AND COMPACTION: TEMPORARY COVER PLATES OR WOODEN/FOAM BLOCK-OUTS SHALL BE USED TO PROTECT SUB-BASE CONDUIT STUBS DURING PAVING. ASPHALT SHALL BE LAID AND COMPACTED CONTINUOUSLY OVER AND AROUND THE FIXTURE LOCATIONS USING STANDARD AIRFIELD COMPACTION EQUIPMENT.
3. CORING OPERATIONS: AFTER THE ASPHALT MAT HAS FULLY COOLED AND ACHIEVED SPECIFIED DENSITY, THE CONTRACTOR SHALL CORE-DRILL THE ASPHALT AT EXACT LIGHT FIXTURE LOCATIONS. THE CORE DIAMETER SHALL PROVIDE A MINIMUM OF 1.5 TO 2 INCHES OF ANNULAR CLEARANCE BETWEEN THE OUTER WALL OF THE L-868 BASE CAN AND THE CORING EDGE.
4. FIXTURE ELEVATION & TOLERANCES: L-868 BASE CANS SHALL BE RIGIDLY SUPPORTED, PLUMBED, AND LEVELED PRIOR TO GROUTING. THE TOP FLANGE OF THE COMPLETED FIXTURE ASSEMBLY SHALL BE SET BETWEEN 1/16-INCH AND 1/8-INCH BELOW THE ADJACENT FINAL COMPACTED ASPHALT SURFACE. AT NO POINT SHALL ANY PART OF THE FIXTURE PROTRUDE ABOVE THE PAVEMENT.
5. GROUTING: THE ANNULAR SPACE AROUND THE L-868 BASE CAN SHALL BE BACKFILLED USING AN APPROVED HIGH-EARLY-STRENGTH, NON-SHRINK EPOXY OR POLYMER-MODIFIED AIRFIELD PAVEMENT GROUT. GROUT SHALL BE PLACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND FULLY CONSOLIDATED TO ELIMINATE VOIDS.
6. JOINT SEALING: FOLLOWING GROUT CURE, A RESERVOIR SHALL BE ROUTED OR FORMED AT THE INTERFACE BETWEEN THE GROUT PLUG AND THE SURROUNDING ASPHALT PAVEMENT. THIS JOINT SHALL BE CLEANED AND SEALED WITH A HOT-APPLIED ELASTOMERIC JOINT SEALANT (ASTM D6690 TYPE II OR APPROVED EQUIVALENT) TO PREVENT MOISTURE INTRUSION.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - REVISED NOTES #29 AND #4	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: S. TURNER
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JUNE 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004
SIZE: MHY25004 C-004

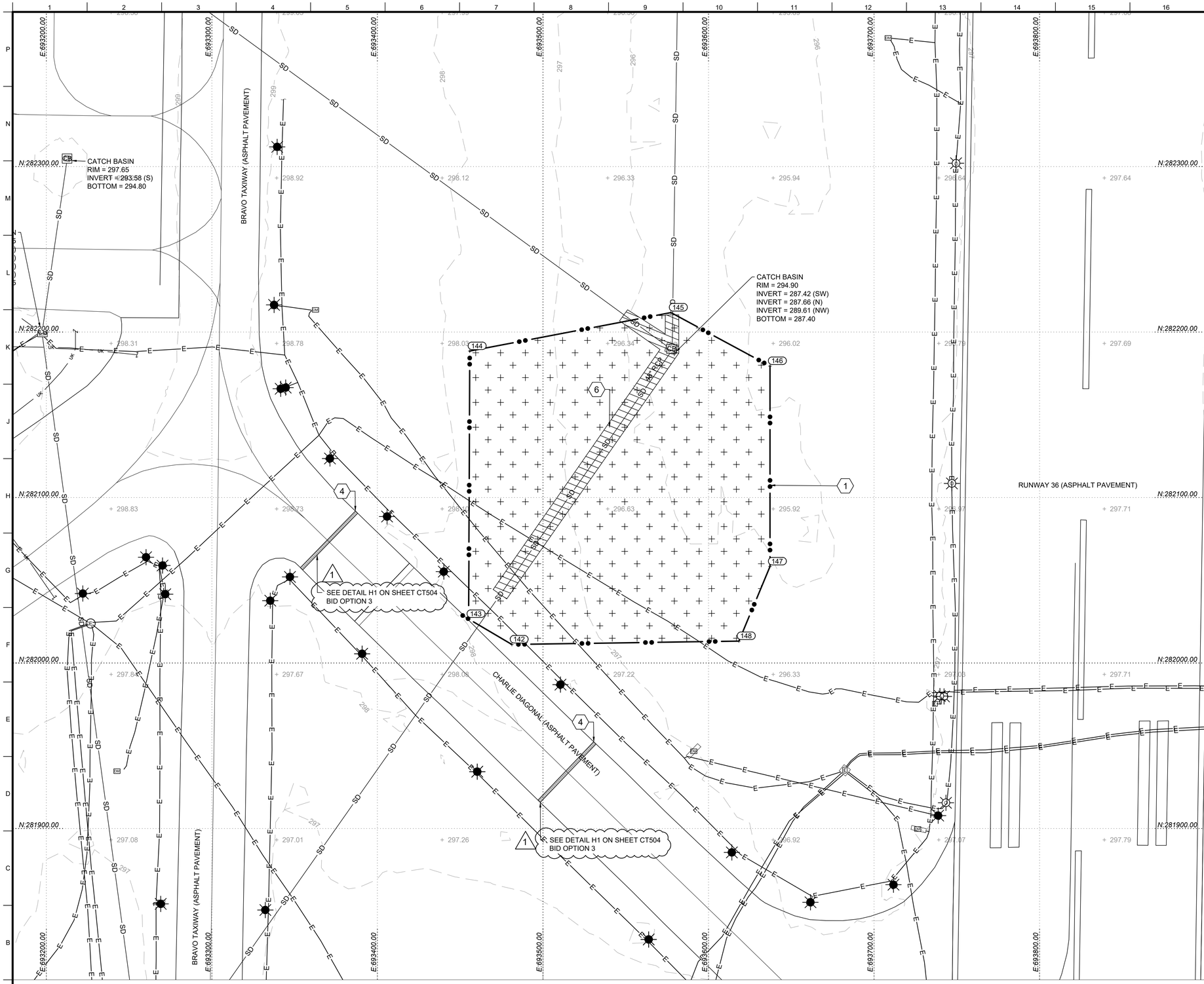
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

PROJECT NOTES

SHEET ID
C-004

AMENDMENT NO. 0003



A1 EXISTING CONDITIONS AND DEMOLITION PLAN - BRAVO (BID OPTION 3)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR DEMOLITION NOTES.
5. SEE C-004 FOR SURVEY NOTES AND CONTROL DATA.
6. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
7. COORDINATE ALL AIRFIELD CLOSURES WITH CONTRACTING OFFICER, G3 AIRSPACE, AND SECURITY FORCES PRIOR TO CONSTRUCTION.
8. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.

SHEET KEYNOTES

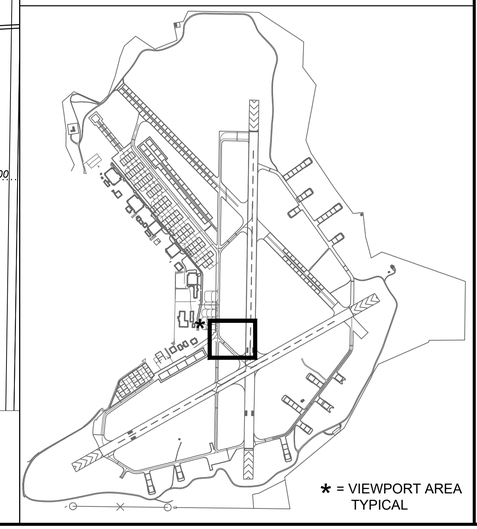
1. LIMITS OF CLEARING & GRUBBING / CONSTRUCTION
2. EXISTING PCC PAVEMENT TO BE REMOVED
3. EXISTING HEADWALL TO BE REMOVED
4. EXISTING HMA PAVEMENT TO BE REMOVED
5. SAWCUT FULL DEPTH
6. STORM DRAIN REMOVAL
7. ASPHALT MILLING
8. EXISTING GRAVEL ROAD TO BE REMOVED

* IF A KEY NOTE DOES NOT APPEAR IN THE DRAWING AREA, IT DOES NOT APPLY TO THAT DRAWING.

LIMITS OF CLEARING & GRUBBING / CONSTRUCTION

POINT #	NORTHING	EASTING	DESCRIPTION
142	282011.23	693481.21	LOD
143	282026.62	693455.11	LOD
144	282188.55	693455.76	LOD
145	282211.80	693577.30	LOD
146	282179.49	693637.16	LOD
147	282058.39	693637.16	LOD
148	282013.29	693618.37	LOD

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED BID OPTION NUMBER	NOV 2026

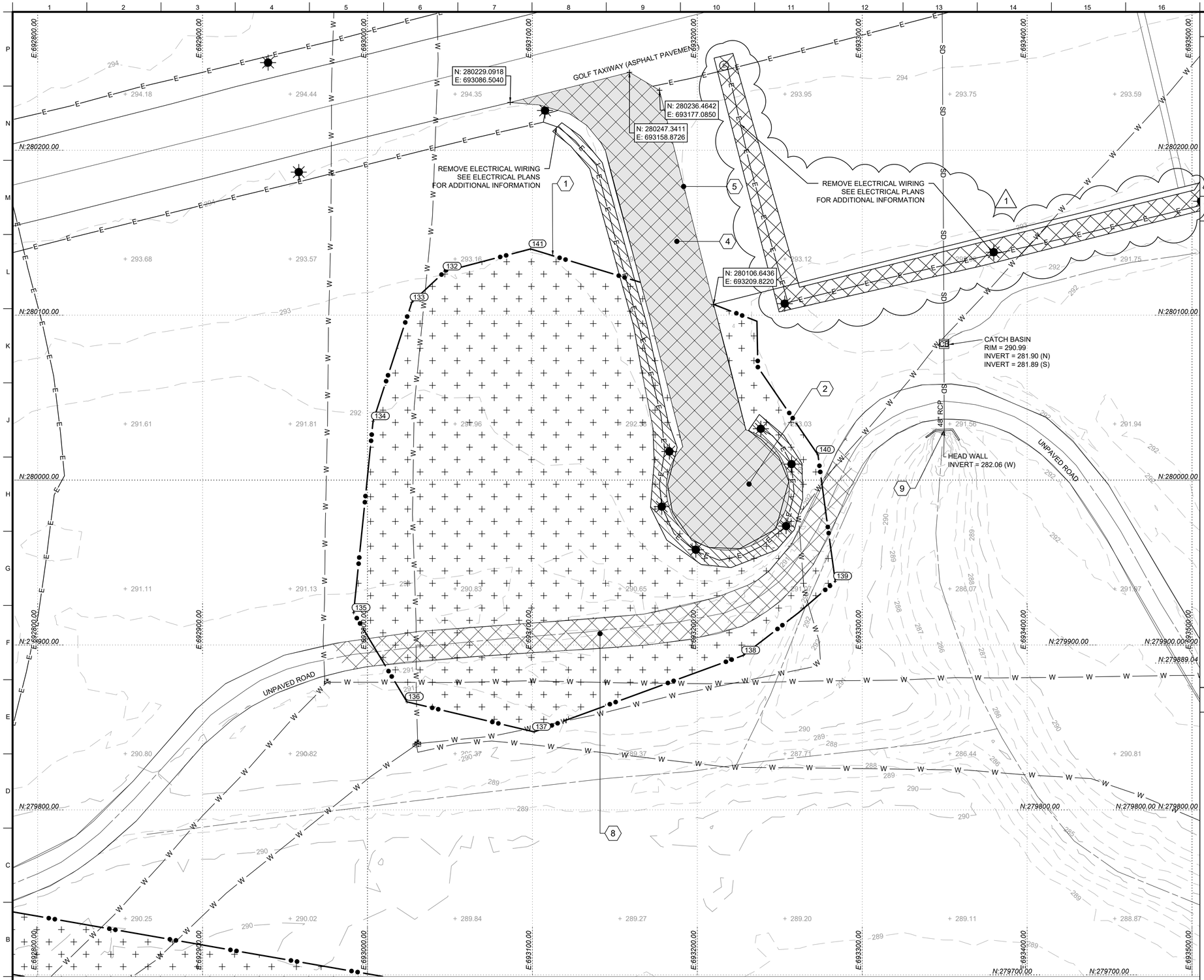
DESIGNED BY: W.CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. DONNELL
ISSUE DATE: JUNE 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004
SIZE: MHY25004_VF104

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 3
EXISTING CONDITIONS AND DEMOLITION PLAN

SHEET ID
VF104



A1 EXISTING CONDITIONS/DEMOLITION - GOLF (BID OPTION 5)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR DEMOLITION NOTES.
5. SEE C-004 FOR SURVEY NOTES AND CONTROL DATA.
6. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
7. COORDINATE ALL AIRFIELD CLOSURES WITH CONTRACTING OFFICER, G3 AIRSPACE, AND SECURITY FORCES PRIOR TO CONSTRUCTION.
8. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.

SHEET KEYNOTES

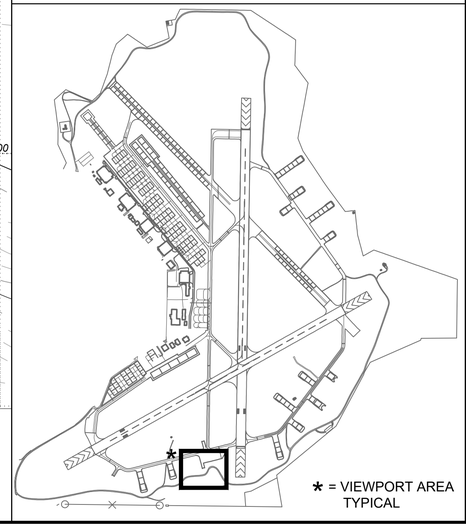
1. LIMITS OF CLEARING & GRUBBING / CONSTRUCTION
2. EXISTING PCC PAVEMENT TO BE REMOVED
3. EXISTING HEADWALL TO BE REMOVED
4. EXISTING HMA PAVEMENT TO BE REMOVED
5. SAWCUT FULL DEPTH
6. STORM DRAIN REMOVAL
7. ASPHALT MILLING
8. EXISTING GRAVEL ROAD TO BE REMOVED

* IF A KEY NOTE DOES NOT APPEAR IN THE DRAWING AREA, IT DOES NOT APPLY TO THAT DRAWING.

LIMITS OF CLEARING & GRUBBING / CONSTRUCTION

POINT #	NORTHING	EASTING	DESCRIPTION
132	280126.60	693046.88	LOD
133	280107.87	693026.85	LOD
134	280035.76	693003.37	LOD
135	279919.59	692991.59	LOD
136	279865.61	693023.91	LOD
137	279847.42	693101.07	LOD
138	279893.79	693227.87	LOD
139	279938.72	693283.64	LOD
140	280015.41	693273.13	LOD
141	280140.24	693098.91	LOD

KEY MAP CAIRNS AAF



★ = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - ADDED ELECTRICAL DEMOLITION HATCH	NOV 2026

DESIGNED BY: W.CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
SIZE: MHY25004_VF109
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004

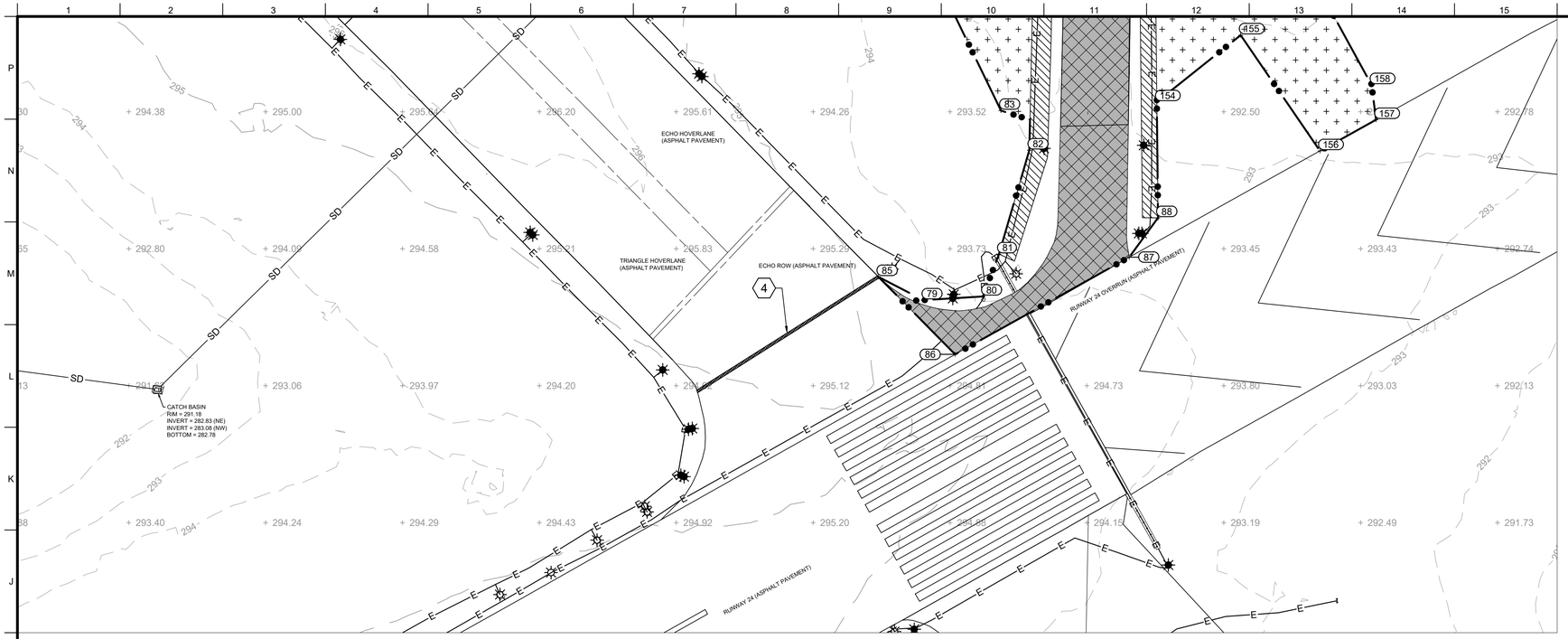
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 5
EXISTING CONDITIONS AND
DEMOLITION PLAN

SHEET ID
VF109

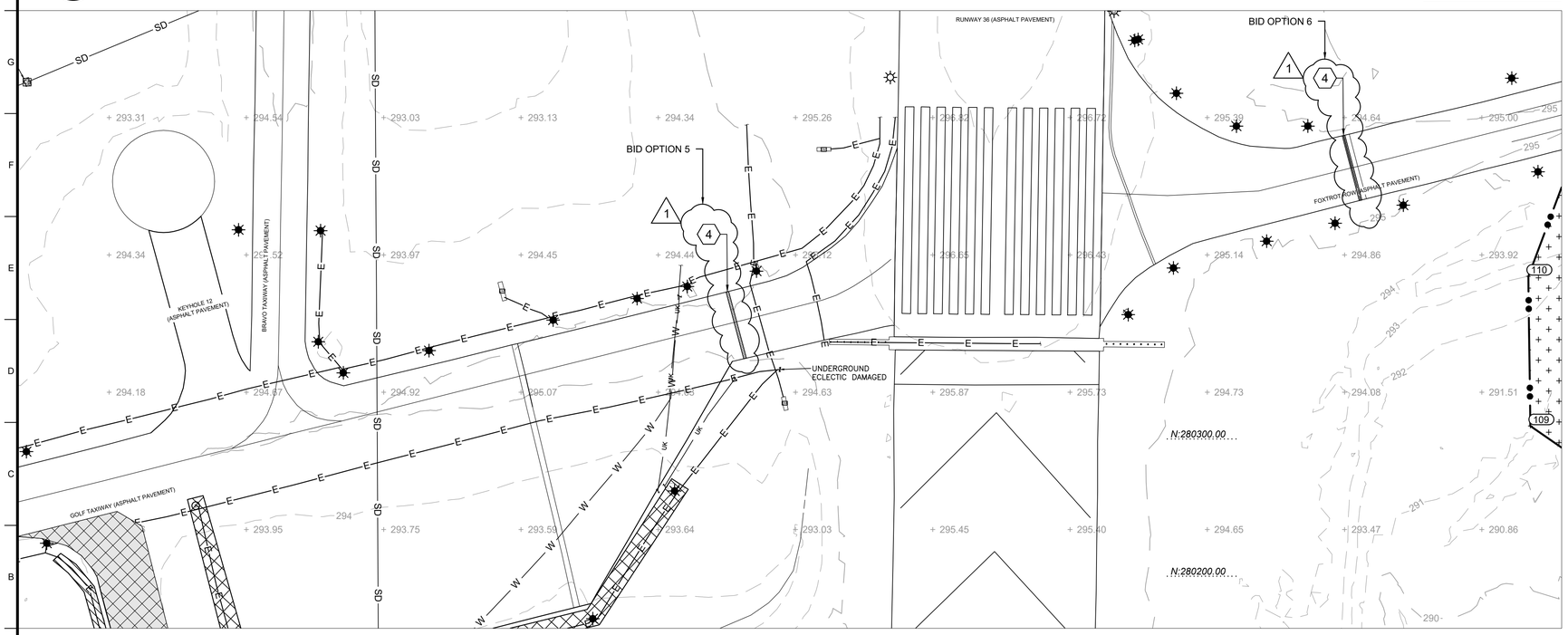
AMENDMENT NO. 0003



H1 EXISTING CONDITIONS AND DEMOLITION PLAN - ELECTRICAL PAVEMENT TRENCHING ECHO (BID OPTION 4)

SCALE: 1"=50'

0 50' 100'



A1 EXISTING CONDITIONS AND DEMOLITION PLAN - ELECTRICAL PAVEMENT TRENCHING (BID OPTION 5 AND BID OPTION 6)

SCALE: 1"=50'

0 50' 100'

PLAN NORTH

GENERAL SHEET NOTES

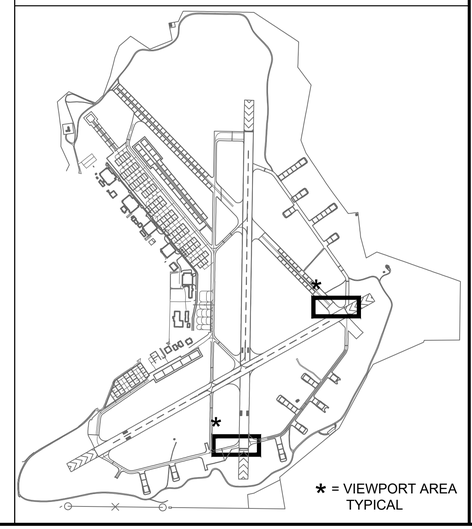
1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. SEE C-004 FOR SURVEY NOTES AND CONTROL DATA.
6. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
7. COORDINATE ALL AIRFIELD CLOSURES WITH CONTRACTING OFFICER, G3 AIRSPACE, AND SECURITY FORCES PRIOR TO CONSTRUCTION.
8. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SODDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 23.

SHEET KEYNOTES

1. LIMITS OF CLEARING & GRUBBING / CONSTRUCTION
2. EXISTING PCC PAVEMENT TO BE REMOVED
3. EXISTING HEADWALL TO BE REMOVED
4. EXISTING HMA PAVEMENT TO BE REMOVED
5. SAWCUT FULL DEPTH
6. STORM DRAIN REMOVAL
7. ASPHALT MILLING
8. EXISTING GRAVEL ROAD TO BE REMOVED

* IF A KEY NOTE DOES NOT APPEAR IN THE DRAWING AREA, IT DOES NOT APPLY TO THAT DRAWING.

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED BID OPTIONS	NOV 2026

ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004

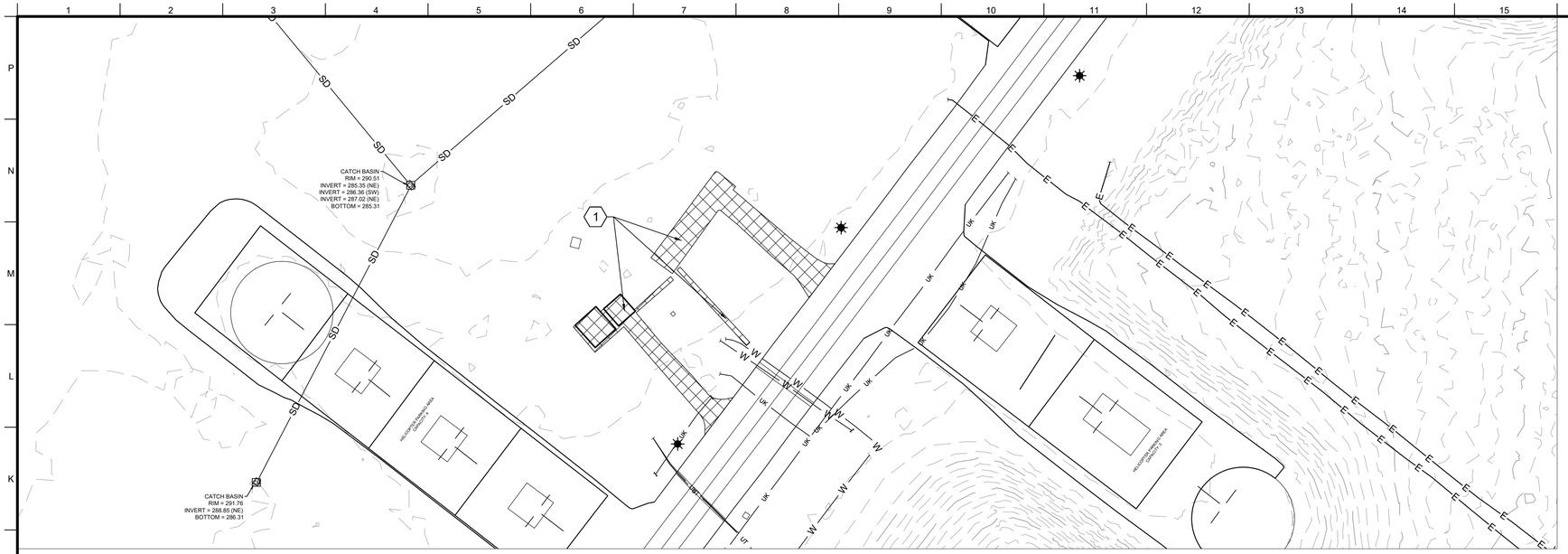
DESIGNED BY: W.CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
SIZE: | MHY25004 VF113

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 4 AND BID OPTION 6
EXISTING CONDITIONS AND
DEMOLITION PLAN

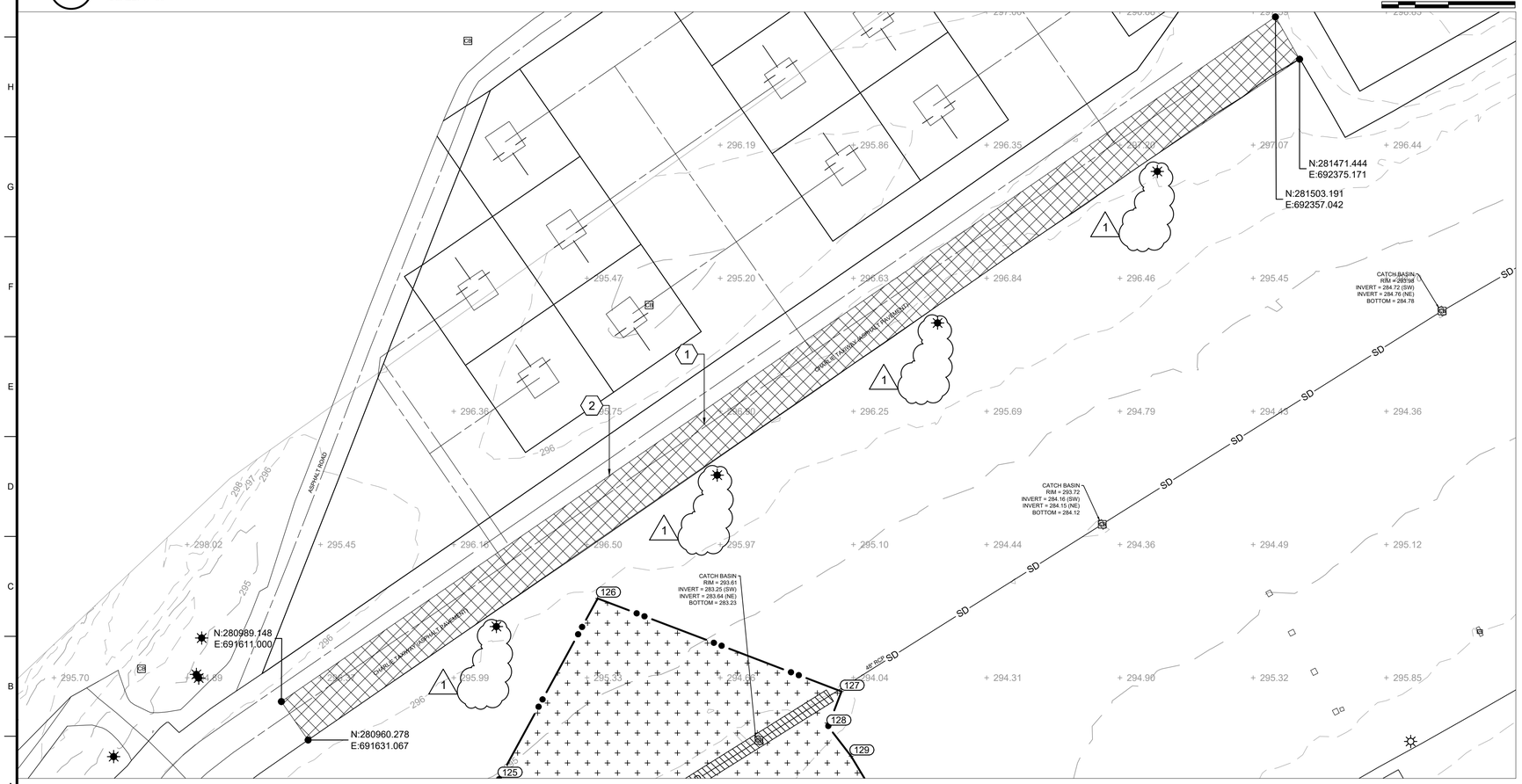
SHEET ID
VF113



H1 EXISTING CONDITIONS AND DEMOLITION PLAN - PAVEMENT REMOVALS (BASE BID)

SCALE: 1"=50'

0 50' 100'



A1 EXISTING CONDITIONS AND DEMOLITION PLAN - PAVEMENT REMOVALS (BASE BID)

SCALE: 1"=50'

0 50' 100'

PLAN NORTH

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. SEE C-004 FOR SURVEY NOTES AND CONTROL DATA.
6. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
7. COORDINATE ALL AIRFIELD CLOSURES WITH CONTRACTING OFFICER, G3 AIRSPACE, AND SECURITY FORCES PRIOR TO CONSTRUCTION.
8. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SODDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 23.

SHEET KEYNOTES

1. REMOVE EXISTING HMA PAVEMENT FULL DEPTH
2. SAWCUT FULL DEPTH



* IF A KEY NOTE DOES NOT APPEAR IN THE DRAWING AREA, IT DOES NOT APPLY TO THAT DRAWING.

KEY MAP CAIRNS AAF

* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - REMOVED KEYNOTE 3	NOV 2026

DESIGNED BY: W.CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. CAPE
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH172004
SIZE: MHX25004_VF114

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BASE BID
EXISTING CONDITIONS AND DEMOLITION PLAN

SHEET ID
VF114

DRAINAGE STRUCTURE TABLE: PNET CHINOOK HILL					
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-100	CLEAN-OUT	309.11	306.60	285475.58	691408.36
CO-101	CLEAN-OUT	308.73	305.90	285545.15	691493.56

DRAINAGE PIPE TABLE: PNET CHINOOK HILL					
PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)
PIPE (100)	6"	110.00'	306.60	306.00	0.54%
PIPE (101)	6"	164.19'	305.90	299.46	3.92%

CATCH BASIN
RIM = 300.81
INVERT = 295.06 (NW)
INVERT = 294.95 (SE)
BOTTOM = 295.04

CATCH BASIN
RIM = 301.91
INVERT = 296.60 (NW)
INVERT = 296.57 (SE)
BOTTOM = 296.64

MATCH EX EL AT SAWCUT

MATCH EX EL AT SAWCUT

PIPE (100) 6" PERFORATED PIPE

PIPE (101) 6" SOLID PIPE

TAXIWAY CHINOOK (ASPHALT TAXIWAY)

ASPHALT SHOULDER

CONCRETE PAD

UNPAVED ROAD

CONCRETE SIDEWALK

UTILITY BUILDING

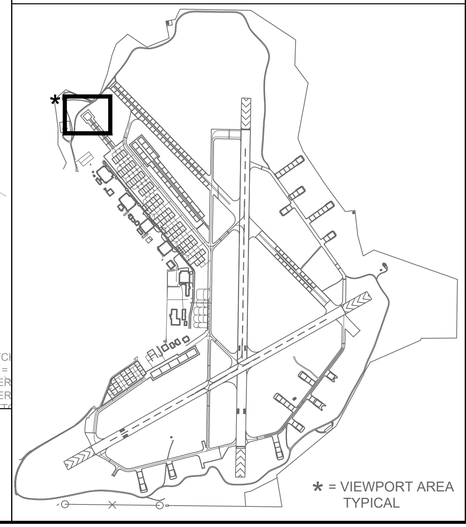
GRASS

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
6. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.
7. PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE VF, CD, AND CP SHEETS.
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE				
No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	285546.706	691414.828	309.78	CNTR HPAD
101	285539.602	691485.181	309.15	PCC HPAD
102	285617.059	691421.932	310.40	PCC HPAD
103	285553.810	691344.475	310.40	PCC HPAD
104	285476.353	691407.724	309.15	PCC HPAD
105	285519.959	691500.651	308.15	HMA SHLD
106	285536.050	691520.357	307.74	HMA SHLD
107	285555.414	691504.545	308.15	HMA SHLD
108	285632.871	691441.296	309.40	HMA SHLD
109	285652.236	691425.484	309.00	HMA SHLD
110	285636.423	691406.120	309.40	HMA SHLD
111	285573.175	691328.663	309.40	HMA SHLD
112	285557.362	691309.298	309.00	HMA SHLD
113	285537.998	691325.111	309.40	HMA SHLD
114	285460.541	691388.359	308.15	HMA SHLD
115	285441.177	691404.171	307.74	HMA SHLD
116	285451.641	691416.986	308.01	HMA SHLD
117	285512.208	691506.970	307.53	HMA SHLD
118	285443.899	691423.316	307.26	HMA SHLD
119	285471.486	691457.099	307.92	HMA SHLD
120	285490.213	691480.034	307.93	HMA SHLD
121	285498.481	691434.822	309.15	PCC HPAD
122	285517.456	691458.059	309.15	PCC HPAD

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

A1 GRADING AND STORM DRAINAGE PLAN - CHINOOK HILL (BID OPTION 7)
SCALE: 1"=30'

0 30' 60'

PLAN NORTH

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
SIZE:
ISSUE DATE: JUNE 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
MHX25004_CG101

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 7
GRADING AND STORM DRAINAGE PLAN

SHEET ID
CG101

100% DESIGN SUBMITTAL - NOT FOR CONSTRUCTION

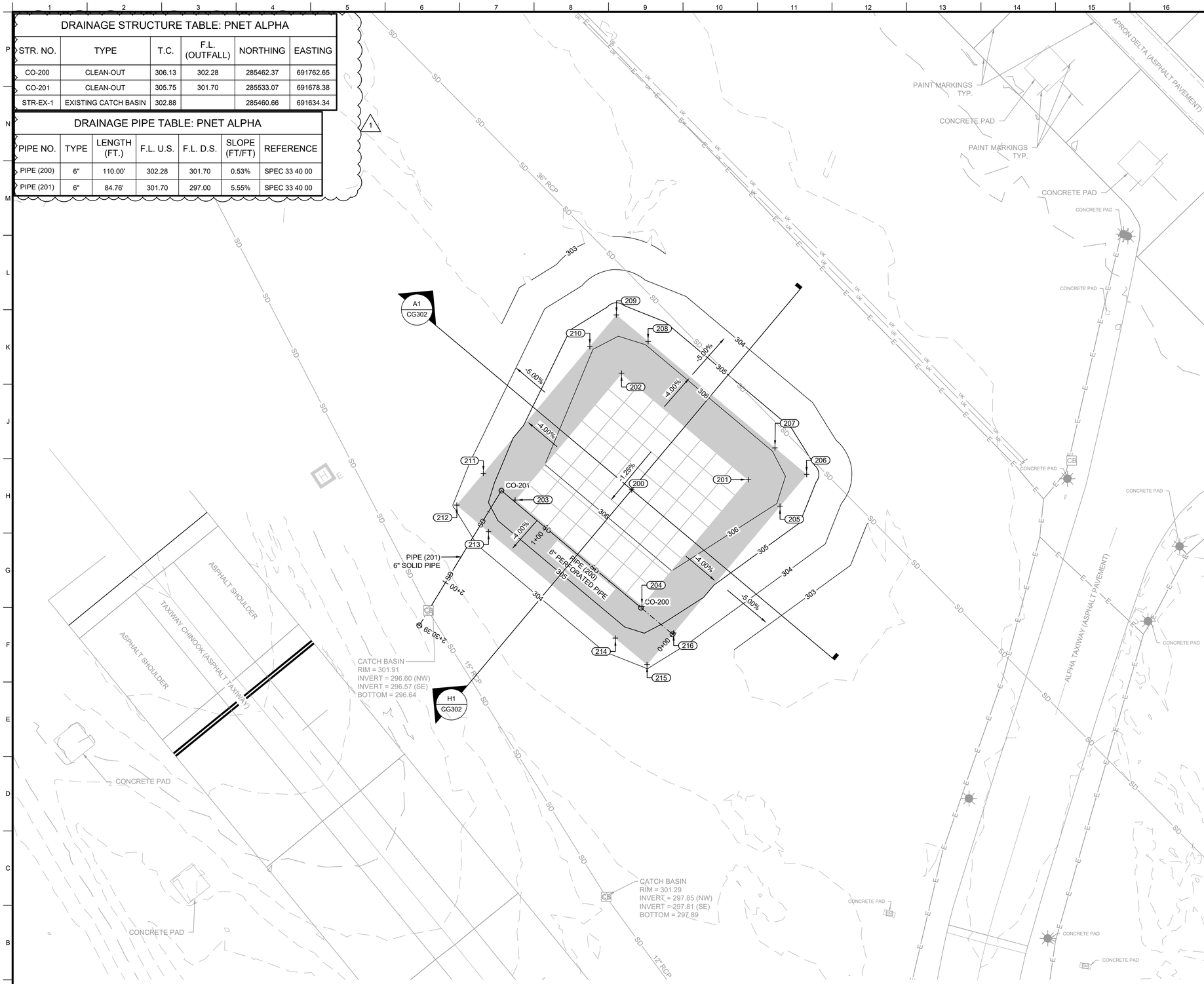
AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET ALPHA

STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-200	CLEAN-OUT	306.13	302.28	285462.37	691762.65
CO-201	CLEAN-OUT	305.75	301.70	285533.07	691678.38
STR-EX-1	EXISTING CATCH BASIN	302.88		285460.66	691634.34

DRAINAGE PIPE TABLE: PNET ALPHA

PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (200)	6"	110.00'	302.28	301.70	0.53%	SPEC 33 40 00
PIPE (201)	6"	84.76'	301.70	297.00	5.55%	SPEC 33 40 00



A1 GRADING AND STORM DRAINAGE PLAN - ALPHA (BID OPTION 1)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

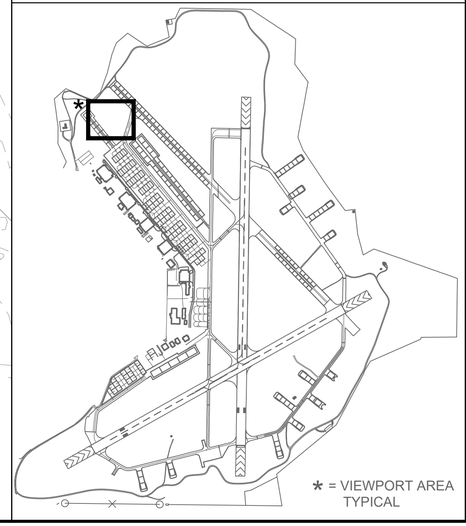
GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
6. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.
7. PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE VF, CD, AND CP SHEETS.
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE

No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
200	285533.576	691757.129	305.77	CNTR HPAD ALPHA
201	285539.741	691827.571	306.40	HPAD ALPHA
202	285604.018	691750.965	306.40	HPAD ALPHA
203	285527.412	691686.688	305.15	HPAD ALPHA
204	285463.135	691763.294	305.15	HPAD ALPHA
205	285523.671	691846.722	305.40	SHLD ALPHA
206	285542.823	691862.792	304.99	SHLD ALPHA
207	285558.892	691843.640	305.40	SHLD ALPHA
208	285623.169	691767.034	305.40	SHLD ALPHA
209	285639.238	691747.883	304.99	SHLD ALPHA
210	285620.087	691731.814	305.40	SHLD ALPHA
211	285543.481	691667.536	304.15	SHLD ALPHA
212	285524.330	691651.467	303.74	SHLD ALPHA
213	285508.260	691670.619	304.15	SHLD ALPHA
214	285443.983	691747.224	304.15	SHLD ALPHA
215	285427.914	691766.376	303.74	SHLD ALPHA
216	285447.065	691782.445	304.15	SHLD ALPHA
217	285337.477	692020.318	303.98	HMA SEALANT
218	285392.939	692037.295	304.21	HMA SEALANT
219	285407.387	691990.943	304.12	HMA SEALANT
220	285352.128	691973.320	304.02	HMA SEALANT

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
SIZE: MHY25004 CG102
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 1
GRADING AND STORM DRAINAGE PLAN

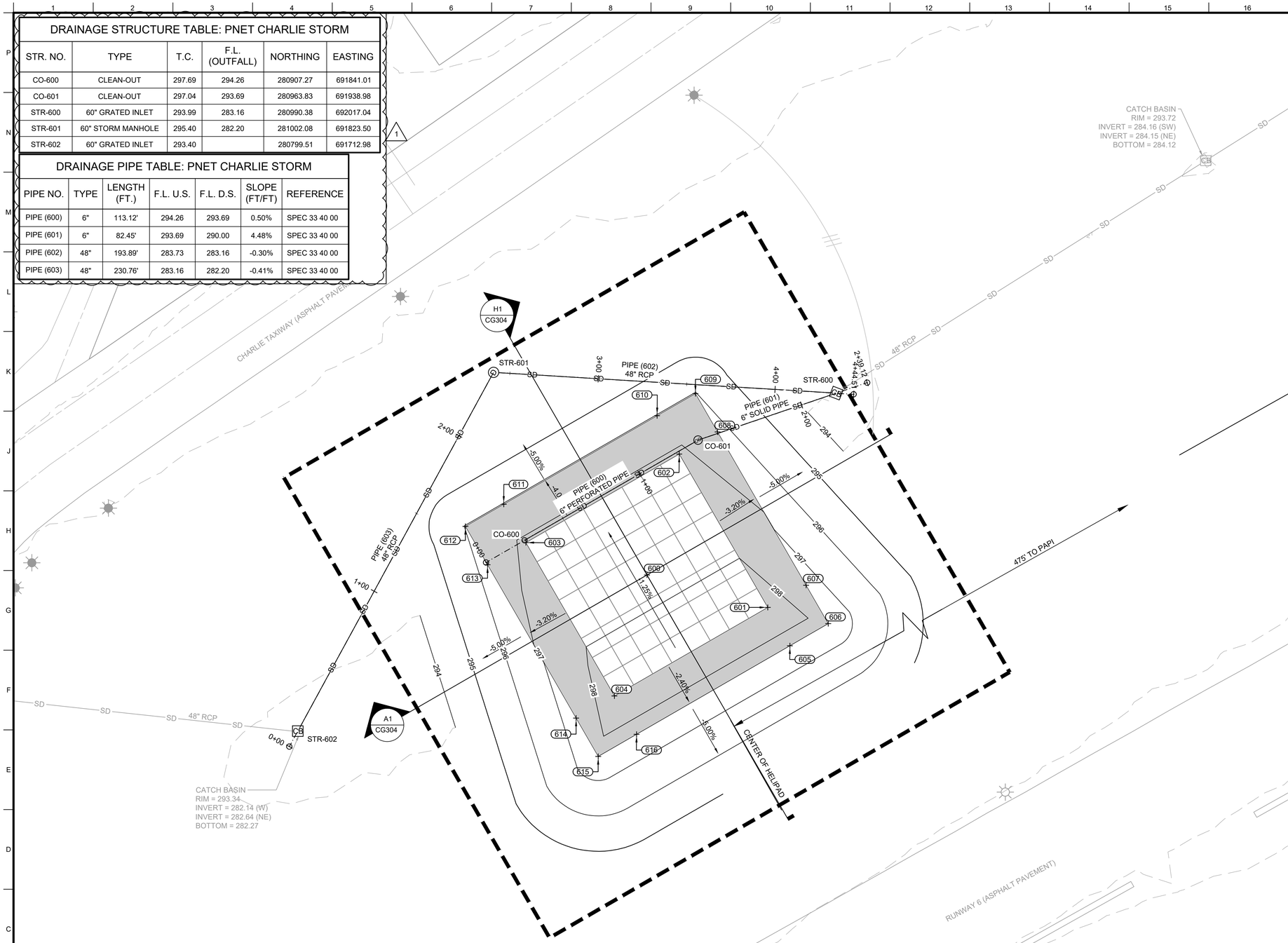
SHEET ID

CG102

AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET CHARLIE STORM					
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-600	CLEAN-OUT	297.69	294.26	280907.27	691841.01
CO-601	CLEAN-OUT	297.04	293.69	280963.83	691938.98
STR-600	60" GRATED INLET	293.99	283.16	280990.38	692017.04
STR-601	60" STORM MANHOLE	295.40	282.20	281002.08	691823.50
STR-602	60" GRATED INLET	293.40		280799.51	691712.98

DRAINAGE PIPE TABLE: PNET CHARLIE STORM						
PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (600)	6"	113.12'	294.26	293.69	0.50%	SPEC 33 40 00
PIPE (601)	6"	82.45'	293.69	290.00	4.48%	SPEC 33 40 00
PIPE (602)	48"	193.89'	283.73	283.16	-0.30%	SPEC 33 40 00
PIPE (603)	48"	230.76'	283.16	282.20	-0.41%	SPEC 33 40 00

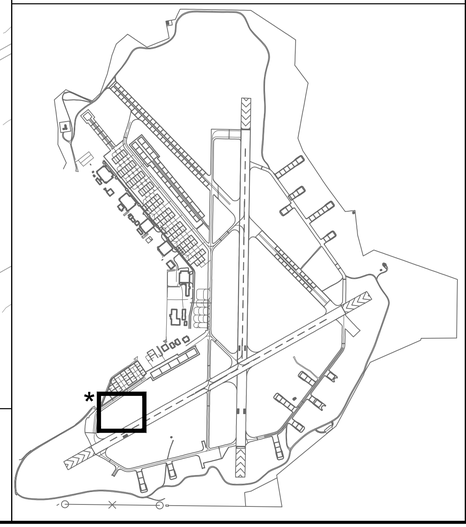


GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
6. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.
7. PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE VF, CD, AND CP SHEETS.
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE				
No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
600	280887.647	691910.145	297.78	CNTR HPAD
601	280869.367	691978.367	298.40	PCC HPAD
602	280955.970	691928.367	297.15	PCC HPAD
603	280905.970	691841.764	297.15	PCC HPAD
604	280819.367	691891.764	298.40	PCC HPAD
605	280847.716	691990.867	297.80	PCC HPAD
606	280860.216	692012.517	297.80	PCC HPAD
607	280881.867	692000.017	297.52	PCC HPAD
608	280968.470	691950.017	296.42	PCC HPAD
609	280990.120	691937.517	296.15	PCC HPAD
610	280977.620	691915.867	296.15	PCC HPAD
611	280927.620	691829.264	296.15	PCC HPAD
612	280915.120	691807.614	296.15	PCC HPAD
613	280893.470	691820.114	296.42	PCC HPAD
614	280806.867	691870.114	297.52	PCC HPAD
615	280785.216	691882.614	297.80	PCC HPAD
616	280797.716	691904.264	297.80	PCC HPAD

KEY MAP CAIRNS AAF



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: ##HY25004
SIZE: MHY25004_CG103

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 2
GRADING AND STORM DRAINAGE PLAN

SHEET ID
CG103

A1 GRADING AND DRAINAGE PLAN - CHARLIE (BID OPTION 2)
SCALE: 1"=30'

0 30' 60'

PLAN NORTH

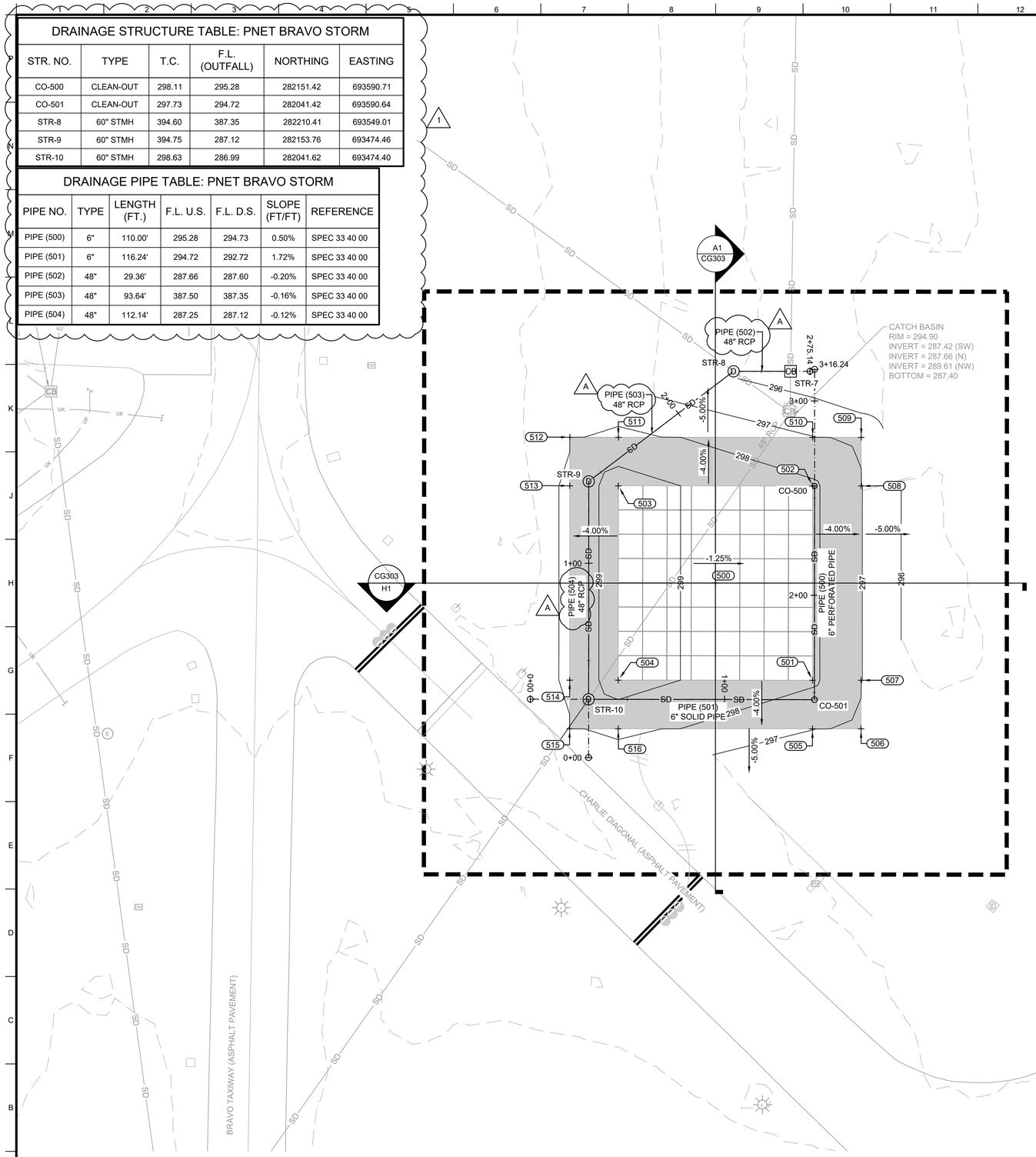
AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET BRAVO STORM

STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-500	CLEAN-OUT	298.11	295.28	282151.42	693590.71
CO-501	CLEAN-OUT	297.73	294.72	282041.42	693590.64
STR-8	60" STMH	394.60	387.35	282210.41	693549.01
STR-9	60" STMH	394.75	287.12	282153.76	693474.46
STR-10	60" STMH	298.63	286.99	282041.62	693474.40

DRAINAGE PIPE TABLE: PNET BRAVO STORM

PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (500)	6"	110.00'	295.28	294.73	0.50%	SPEC 33 40 00
PIPE (501)	6"	116.24'	294.72	292.72	1.72%	SPEC 33 40 00
PIPE (502)	48"	29.36'	287.66	287.60	-0.20%	SPEC 33 40 00
PIPE (503)	48"	93.64'	387.50	387.35	-0.16%	SPEC 33 40 00
PIPE (504)	48"	112.14'	287.25	287.12	-0.12%	SPEC 33 40 00



A1 GRADING AND STORM DRAINAGE PLAN - BRAVO (BID OPTION 3)
SCALE: 1"=30'

0 30' 60'

PLAN NORTH

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
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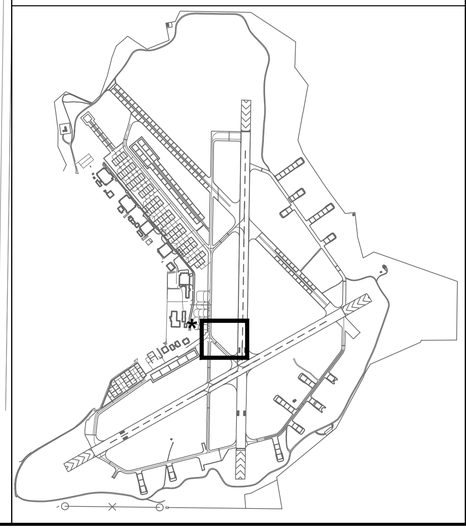
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE

No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
500	282101.505	693539.737	298.77	CNTR HPAD
501	282051.420	693589.652	298.15	HPAD
502	282151.420	693589.706	298.15	HPAD
503	282151.474	693489.706	299.40	HPAD
504	282051.474	693489.652	299.40	HPAD
505	282026.420	693589.639	297.15	SHLD
506	282026.407	693614.639	296.74	SHLD
507	282051.407	693614.652	297.15	SHLD
508	282151.407	693614.706	297.15	SHLD
509	282176.407	693614.720	296.74	SHLD
510	282176.420	693589.720	297.15	SHLD
511	282176.474	693489.720	298.40	SHLD
512	282176.488	693464.720	298.00	SHLD
513	282151.488	693464.706	298.40	SHLD
514	282051.488	693464.652	298.40	SHLD
515	282026.488	693464.639	298.00	SHLD
516	282026.474	693489.639	298.40	SHLD

KEY MAP CAIRNS AAF



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: ###172004
SIZE: MHY25004_CG104

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 3
GRADING AND STORM DRAINAGE PLAN

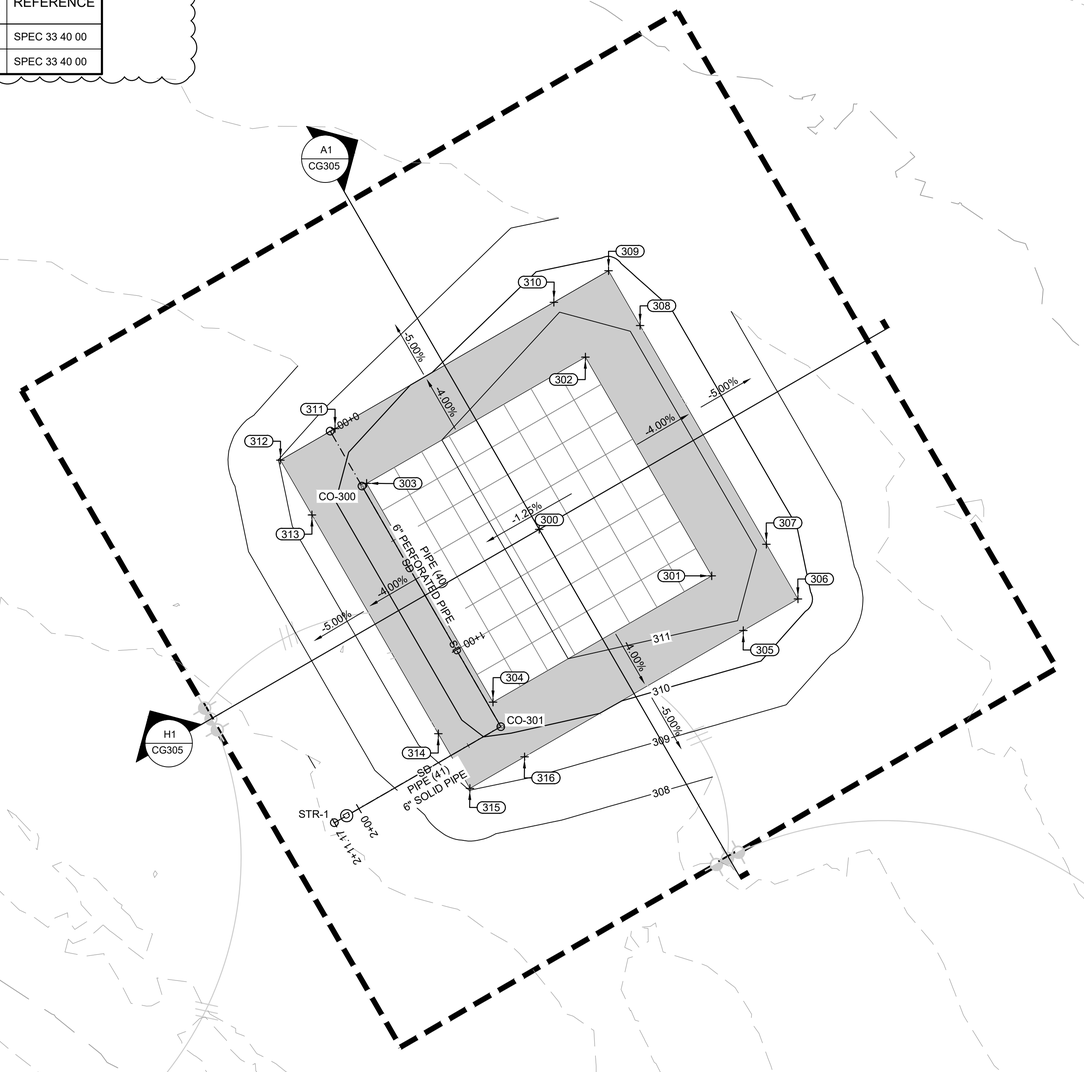
SHEET ID
CG104

AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET DELTA 1 STORM					
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-300	CLEAN-OUT	310.48	306.65	286139.46	692472.97
CO-301	CLEAN-OUT	310.13	306.10	286044.20	692527.97
STR-1	48" STORM MANHOLE (NO BOTTOM)	307.10		286008.96	692466.94

DRAINAGE PIPE TABLE: PNET DELTA 1 STORM						
PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (40)	6"	110.00'	306.65	306.10	0.50%	SPEC 33 40 00
PIPE (41)	6"	70.47'	306.10	303.60	3.54%	SPEC 33 40 00

1



GENERAL SHEET NOTES

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2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
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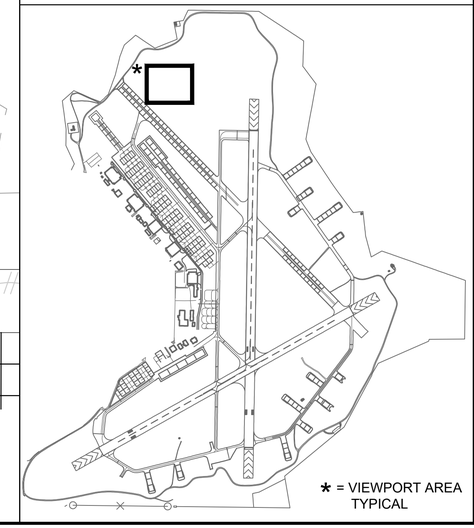
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE				
No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
300	286122.321	692543.174	310.20	CNTR HPAD
301	286103.941	692611.454	310.82	HPAD
302	286190.544	692561.454	310.82	HPAD
303	286140.544	692474.852	309.57	HPAD
304	286053.941	692524.852	309.57	HPAD
305	286082.291	692623.954	309.82	SHLD
306	286094.791	692645.605	309.41	SHLD
307	286116.441	692633.105	309.82	SHLD
308	286203.044	692583.105	309.82	SHLD
309	286224.694	692570.605	309.41	SHLD
310	286212.194	692548.954	309.82	SHLD
311	286162.194	692462.352	308.57	SHLD
312	286149.694	692440.701	308.16	SHLD
313	286128.044	692453.201	308.57	SHLD
314	286041.441	692503.201	308.57	SHLD
315	286019.791	692515.701	308.16	SHLD
316	286032.291	692537.352	308.57	SHLD

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

PLAN NORTH

0 30' 60'

A1 GRADING AND STORM DRAINAGE PLAN - DELTA 1 (BASE BID)
SCALE: 1"=30'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
SIZE: MHX25004 CG105

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

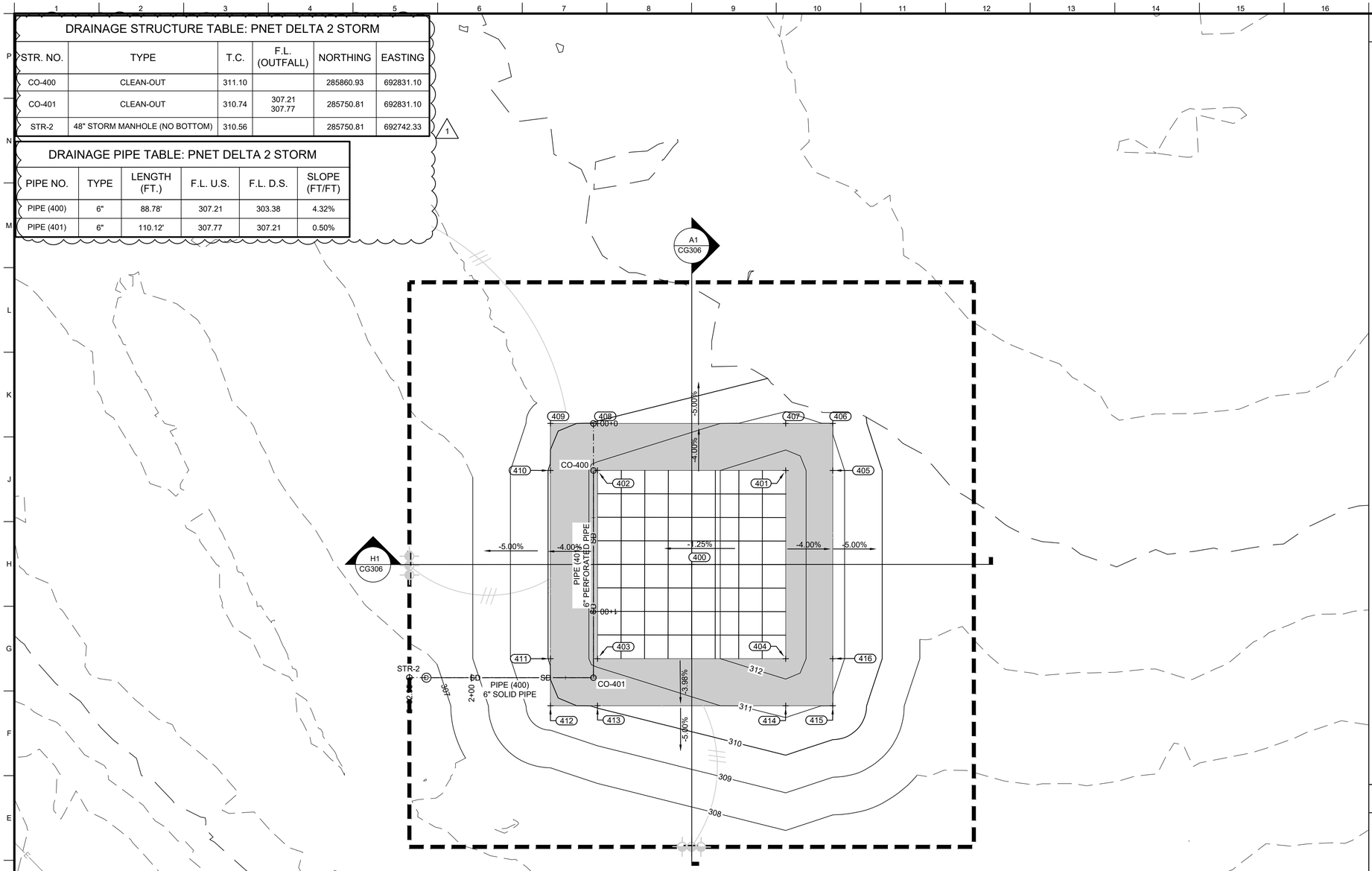
BASE BID
GRADING AND STORM DRAINAGE PLAN

SHEET ID
CG105

AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET DELTA 2 STORM					
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-400	CLEAN-OUT	311.10		285860.93	692831.10
CO-401	CLEAN-OUT	310.74	307.21 307.77	285750.81	692831.10
STR-2	48" STORM MANHOLE (NO BOTTOM)	310.56		285750.81	692742.33

DRAINAGE PIPE TABLE: PNET DELTA 2 STORM					
PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)
PIPE (400)	6"	88.78'	307.21	303.38	4.32%
PIPE (401)	6"	110.12'	307.77	307.21	0.50%



GENERAL SHEET NOTES

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2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
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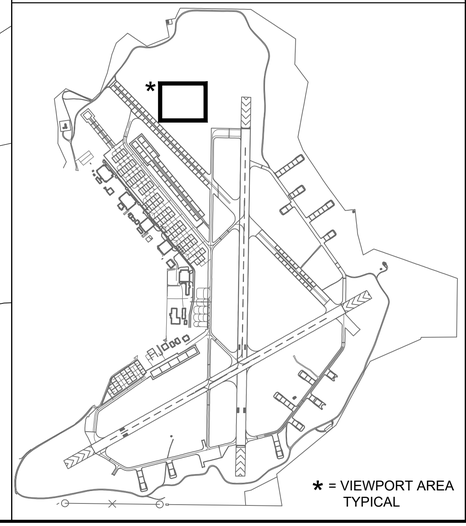
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE				
No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
400	285810.986	692883.332	311.81	CNTR HPAD
401	285860.928	692933.274	312.44	HPAD
402	285860.928	692833.274	311.19	HPAD
403	285760.928	692833.274	311.19	HPAD
404	285760.928	692933.274	312.44	HPAD
405	285860.928	692958.274	311.44	SHLD
406	285885.928	692958.274	311.03	SHLD
407	285885.928	692933.274	311.44	SHLD
408	285885.928	692833.274	310.19	SHLD
409	285885.928	692808.274	309.77	SHLD
410	285860.928	692808.274	310.18	SHLD
411	285760.928	692808.274	310.18	SHLD
412	285735.928	692808.274	309.77	SHLD
413	285735.928	692833.274	310.18	SHLD
414	285735.928	692933.274	311.43	SHLD
415	285735.928	692958.274	311.02	SHLD
416	285760.928	692958.274	311.44	SHLD

KEY MAP CAIRNS AAF



A1 GRADING AND STORM DRAINAGE PLAN - DELTA 2 (BASE BID)
SCALE: 1"=30'

0 30' 60'

PLAN NORTH

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
SIZE: MHX25004_CG106

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BASE BID
GRADING AND STORM DRAINAGE PLAN

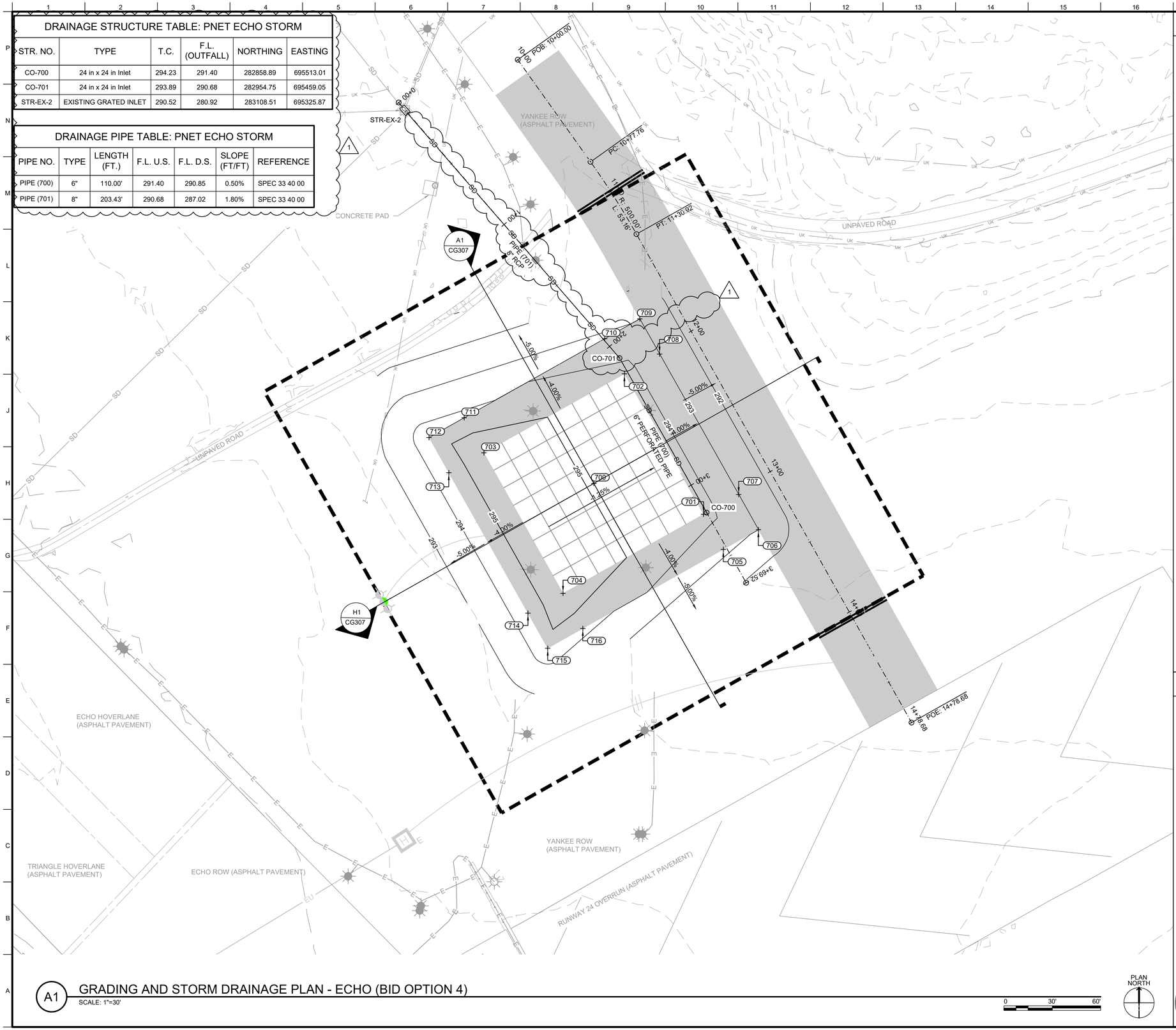
SHEET ID
CG106

DRAINAGE STRUCTURE TABLE: PNET ECHO STORM

STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-700	24 in x 24 in Inlet	294.23	291.40	282858.89	695513.01
CO-701	24 in x 24 in Inlet	293.89	290.68	282954.75	695459.05
STR-EX-2	EXISTING GRATED INLET	290.52	280.92	283108.51	695325.87

DRAINAGE PIPE TABLE: PNET ECHO STORM

PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (700)	6"	110.00'	291.40	290.85	0.50%	SPEC 33 40 00
PIPE (701)	8"	203.43'	290.68	287.02	1.80%	SPEC 33 40 00



GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
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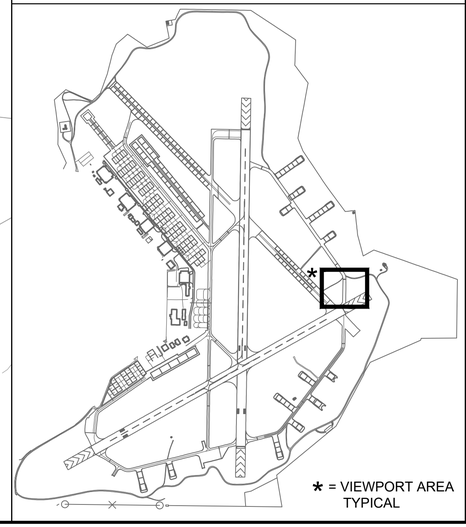
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.
10. SEE CG SHEETS FOR STAKING COORDINATES AND ELEVATIONS

POINT TABLE

No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
700	282876.948	695443.048	294.94	CNTR HPAD
701	282857.826	695511.124	294.32	PCC HPAD
702	282944.968	695462.069	294.32	PCC HPAD
703	282895.913	695374.928	295.56	PCC HPAD
704	282808.771	695423.982	295.56	PCC HPAD
705	282836.041	695523.388	293.31	HMA SHLD
706	282848.304	695545.173	293.06	HMA SHLD
707	282870.090	695532.909	293.06	HMA SHLD
708	282957.231	695483.855	293.06	HMA SHLD
709	282979.017	695471.591	293.05	HMA SHLD
710	282966.753	695449.806	293.32	HMA SHLD
711	282917.698	695362.664	294.57	HMA SHLD
712	282905.435	695340.879	294.60	HMA SHLD
713	282883.649	695353.142	294.57	HMA SHLD
714	282796.508	695402.197	294.57	HMA SHLD
715	282774.722	695414.461	294.71	HMA SHLD
716	282786.986	695436.246	294.56	HMA SHLD

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

A1 GRADING AND STORM DRAINAGE PLAN - ECHO (BID OPTION 4)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE AND TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH725004
SIZE: MH725004 CG107

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 4
GRADING AND STORM DRAINAGE PLAN

SHEET ID

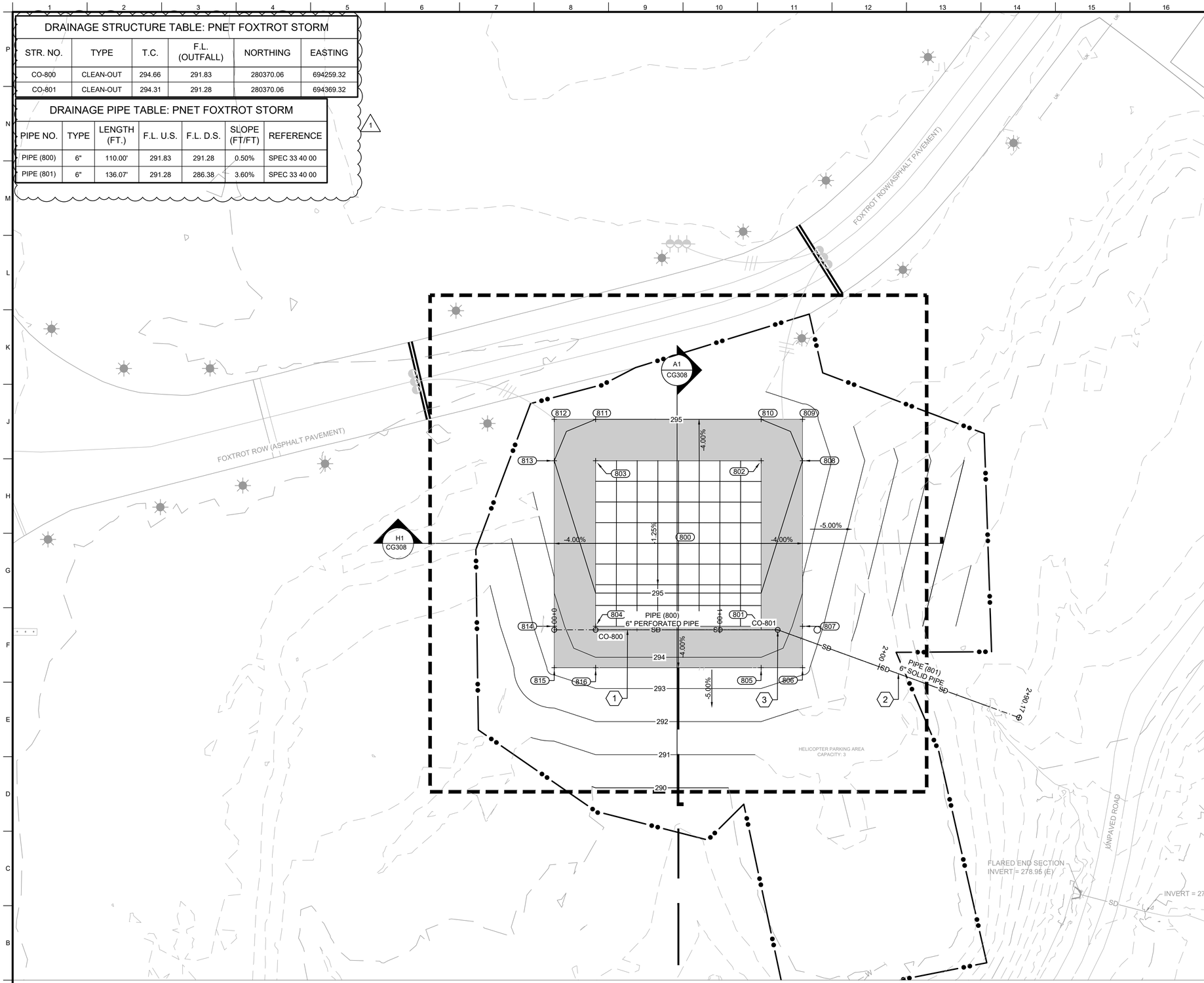
CG107

AMENDMENT NO. 0003

DRAINAGE STRUCTURE TABLE: PNET FOXTROT STORM					
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-800	CLEAN-OUT	294.66	291.83	280370.06	694259.32
CO-801	CLEAN-OUT	294.31	291.28	280370.06	694369.32

DRAINAGE PIPE TABLE: PNET FOXTROT STORM						
PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (800)	6"	110.00'	291.83	291.28	0.50%	SPEC 33 40 00
PIPE (801)	6"	136.07'	291.28	286.38	3.60%	SPEC 33 40 00

1



A1 GRADING AND STORM DRAINAGE PLAN - FOXTROT (BID OPTION 6)

SCALE: 1"=30'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
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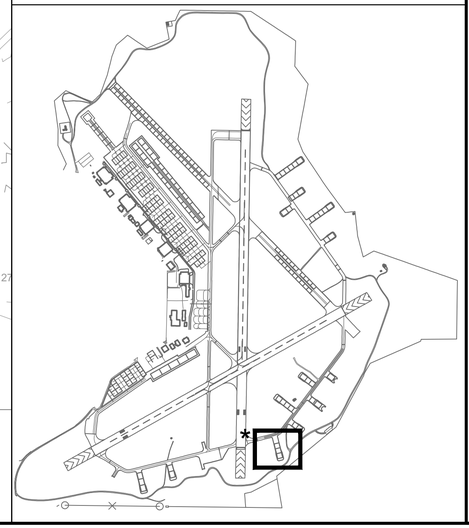
POINT TABLE				
No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
800	280422.288	694309.374	295.38	CNTR HPAD
801	280372.230	694359.317	294.75	PCC HPAD
802	280472.230	694359.317	296.00	PCC HPAD
803	280472.230	694259.317	296.00	PCC HPAD
804	280372.230	694259.317	294.75	PCC HPAD
805	280347.230	694359.317	293.75	HMA SHLD
806	280347.230	694384.317	293.34	HMA SHLD
807	280372.230	694384.317	293.75	HMA SHLD
808	280472.230	694384.317	295.00	HMA SHLD
809	280497.230	694384.317	294.59	HMA SHLD
810	280497.230	694359.317	295.00	HMA SHLD
811	280497.230	694259.317	295.00	HMA SHLD
812	280497.230	694234.317	294.59	HMA SHLD
813	280472.230	694234.317	295.00	HMA SHLD
814	280372.230	694234.317	293.75	HMA SHLD
815	280347.230	694234.317	293.34	HMA SHLD
816	280347.230	694259.317	293.75	HMA SHLD

KEY MAP CAIRNS AAF



US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: ###125004
SIZE: MHY25004_CG108

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

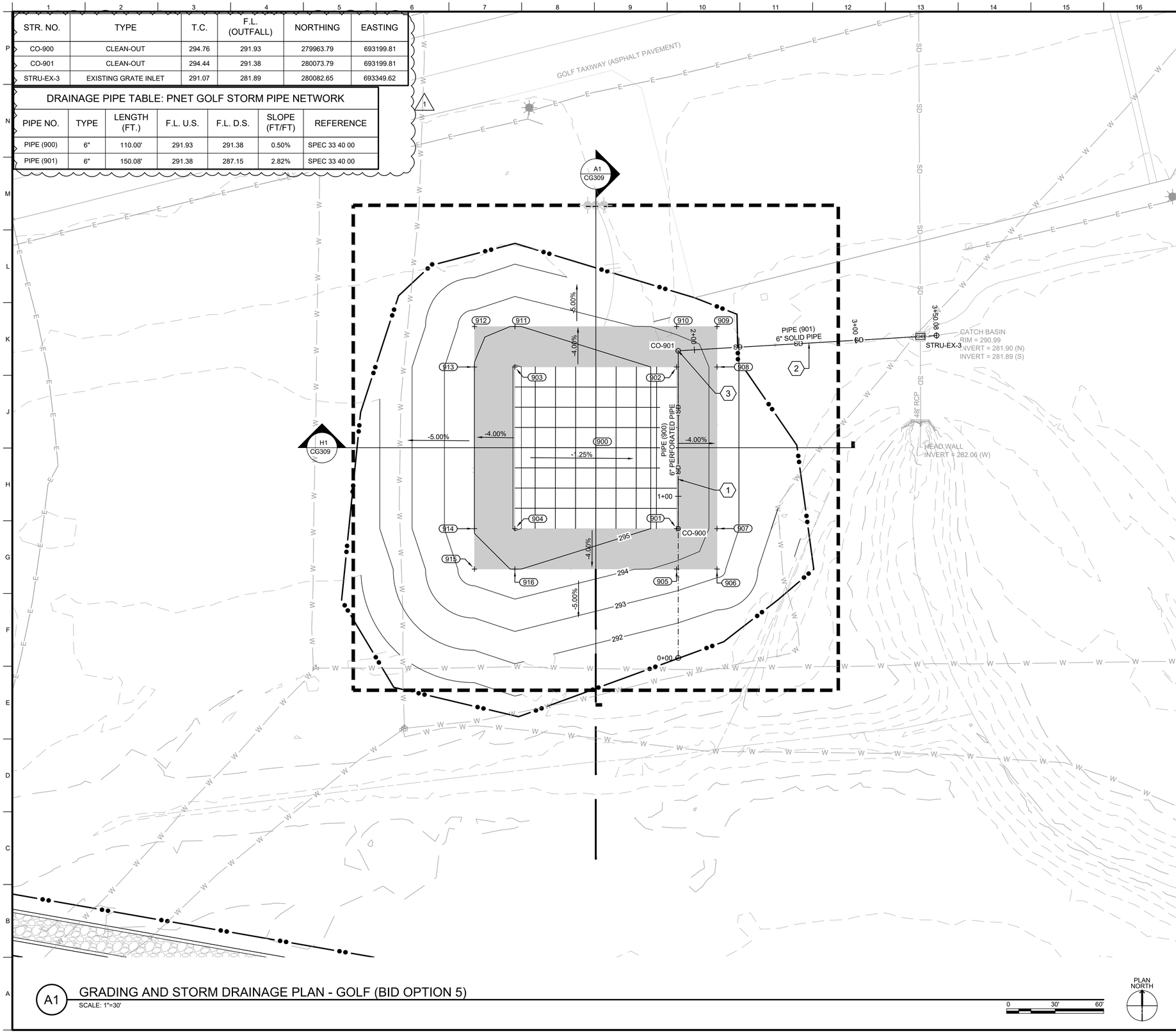
BID OPTION 6
GRADING AND STORM DRAINAGE PLAN

SHEET ID
CG108

STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
CO-900	CLEAN-OUT	294.76	291.93	279963.79	693199.81
CO-901	CLEAN-OUT	294.44	291.38	280073.79	693199.81
STRU-EX-3	EXISTING GRATE INLET	291.07	281.89	280082.65	693349.62

DRAINAGE PIPE TABLE: PNET GOLF STORM PIPE NETWORK

PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	REFERENCE
PIPE (900)	6"	110.00'	291.93	291.38	0.50%	SPEC 33 40 00
PIPE (901)	6"	150.08'	291.38	287.15	2.82%	SPEC 33 40 00



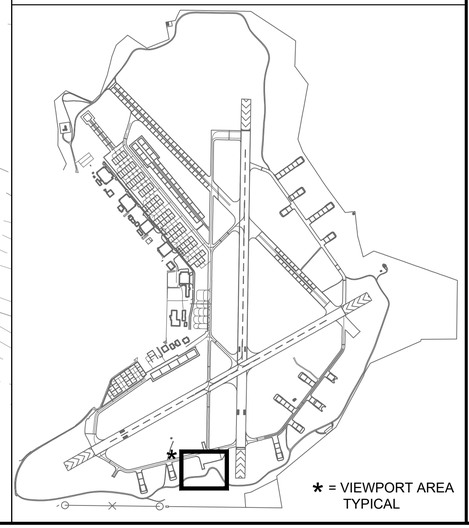
GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
6. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.
7. PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE VF, CD, AND CP SHEETS.
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.

POINT TABLE

No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
900	280013.846	693148.865	295.42	CNTR HPAD
901	279963.788	693198.807	294.80	PCC HPAD
902	280063.788	693198.807	294.80	PCC HPAD
903	280063.788	693098.807	296.05	PCC HPAD
904	279963.788	693098.807	296.05	PCC HPAD
905	279938.788	693198.807	293.80	HMA SHLD
906	279938.788	693223.807	293.39	HMA SHLD
907	279963.788	693223.807	293.80	HMA SHLD
908	280063.788	693223.807	293.80	HMA SHLD
909	280088.788	693223.807	293.39	HMA SHLD
910	280088.788	693198.807	293.80	HMA SHLD
911	280088.788	693098.807	295.05	HMA SHLD
912	280088.788	693073.807	294.64	HMA SHLD
913	280063.788	693073.807	295.05	HMA SHLD
914	279963.788	693073.807	295.05	HMA SHLD
915	279938.788	693073.807	294.64	HMA SHLD
916	279938.788	693098.807	295.05	HMA SHLD

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

PLAN NORTH

0 30' 60'

A1 GRADING AND STORM DRAINAGE PLAN - GOLF (BID OPTION 5)
SCALE: 1"=30'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED DRAINAGE TABLE	NOV 2026

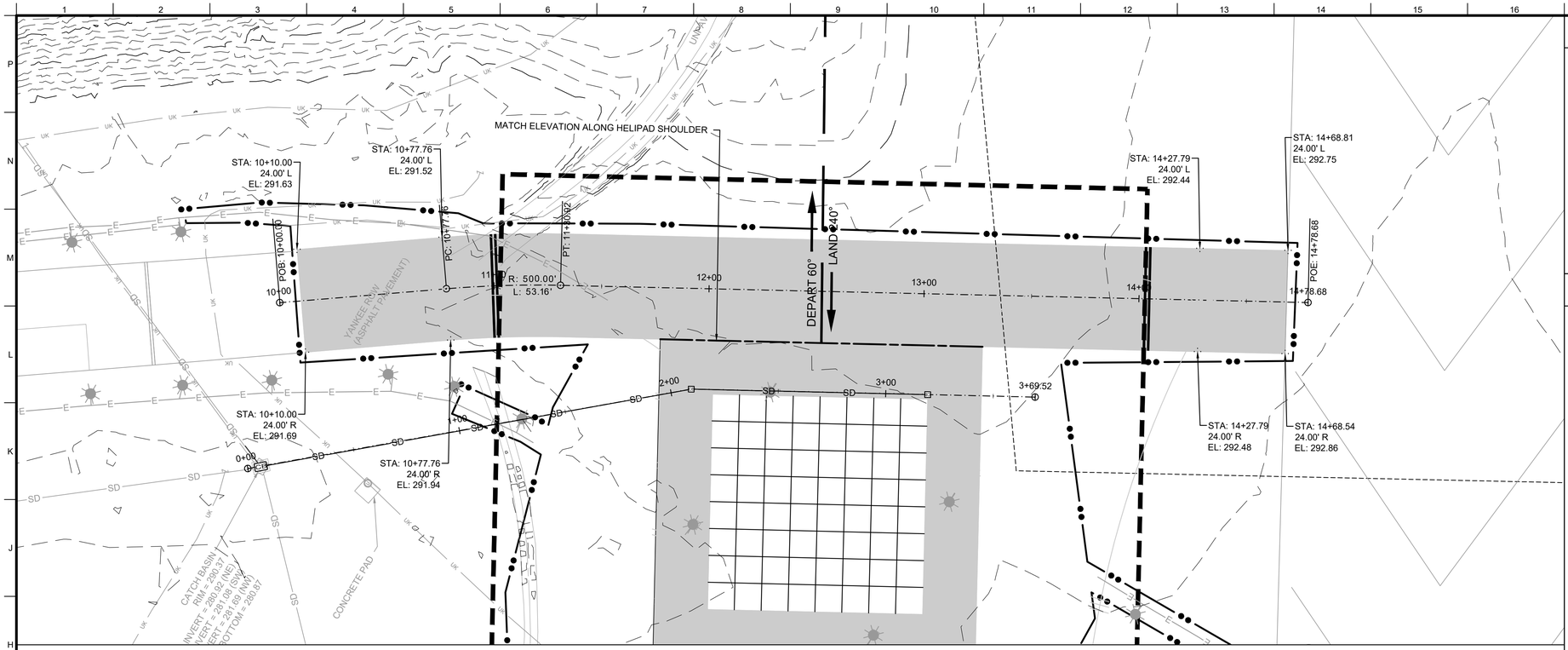
DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
SIZE:
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004
MHY25004 CG109

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

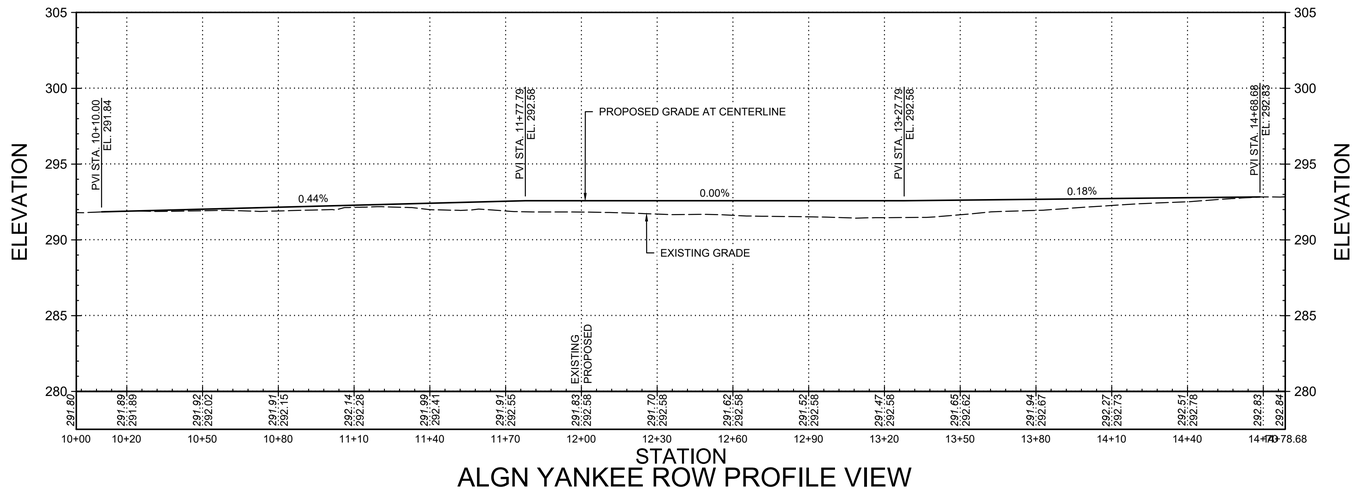
BID OPTION 5
GRADING AND STORM DRAINAGE PLAN

SHEET ID
CG109



G1 PLAN - YANKEE ROW (BID OPTION 4)

SCALE: 1"=50'



A1 PROFILE - YANKEE ROW (BID OPTION 4)

SCALE: H 1"=50' V 1"=5'

V 0 5' 10' H 0 50' 100'

GENERAL SHEET NOTES

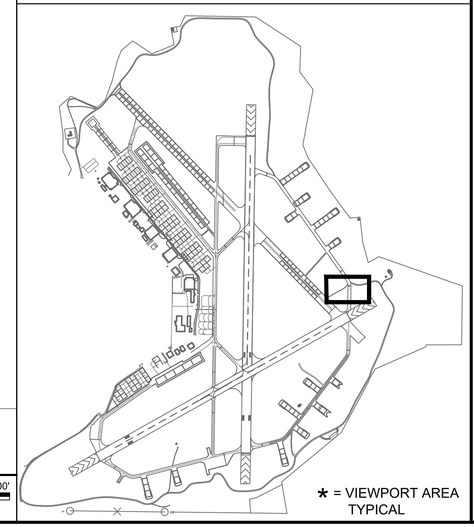
1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.
5. ALL UTILITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. ACTUAL LOCATION OF UTILITIES SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.
6. ALL EXISTING GRASSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE HYDROSEEDED IN ACCORDANCE WITH SPECIFICATIONS 32 92 19.
7. PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE VF, CD, AND CP SHEETS.
8. SEE SHEETS CG201 TO CG206 FOR PROPOSED STORM DRAIN PROFILES.
9. SEE SHEETS CG301 TO CG309 FOR HELIPAD CROSS SECTIONS.

SHEET KEYNOTES

1. PROPOSED GRAVEL ACCESS ROAD. SEE A16 ON SHEET CT503 FOR DETAIL.
2. EXISTING CROSSING

** IF A KEYNOTE DOES NOT APPEAR ON THE DRAWING AREA OF THIS SHEET, THEN IT DOES NOT APPLY.

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED BID OPTION NUMBER	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: K. KIRBY
CHECKED BY: J. LONG
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH172004
SIZE: MHY25004 CG112

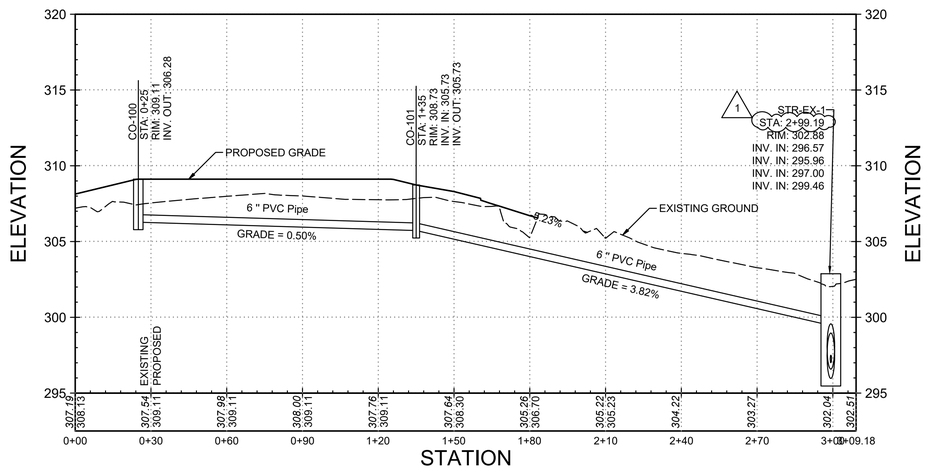
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

1 BID OPTION 4
YANKEE ROW
PLAN AND PROFILE

SHEET ID
CG111

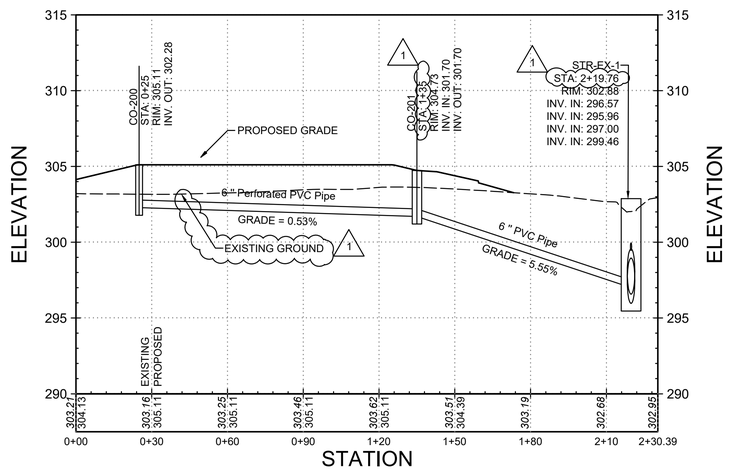
AMENDMENT NO. 0003



H1 PROFILE - CHINOOK HILL STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 7)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'



A1 PROFILE - ALPHA STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 1)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED STRUCTURE STATIONING, FIXED LEADER	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: S. TURNER
CHECKED BY: W. CHAFFIN
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
SIZE: MHX25004 CG201

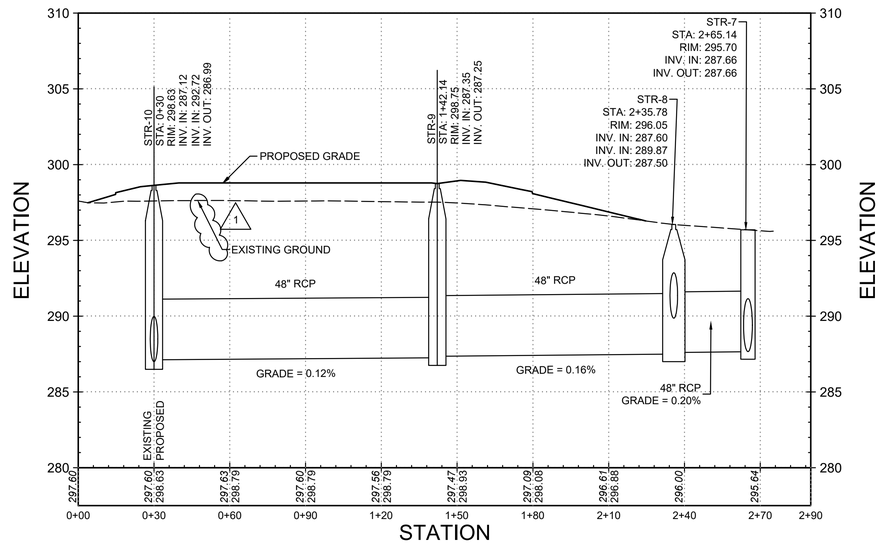
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 1 AND BID OPTION 7
STORM DRAIN PROFILES
ALPHA AND CHINOOK HILL

SHEET ID

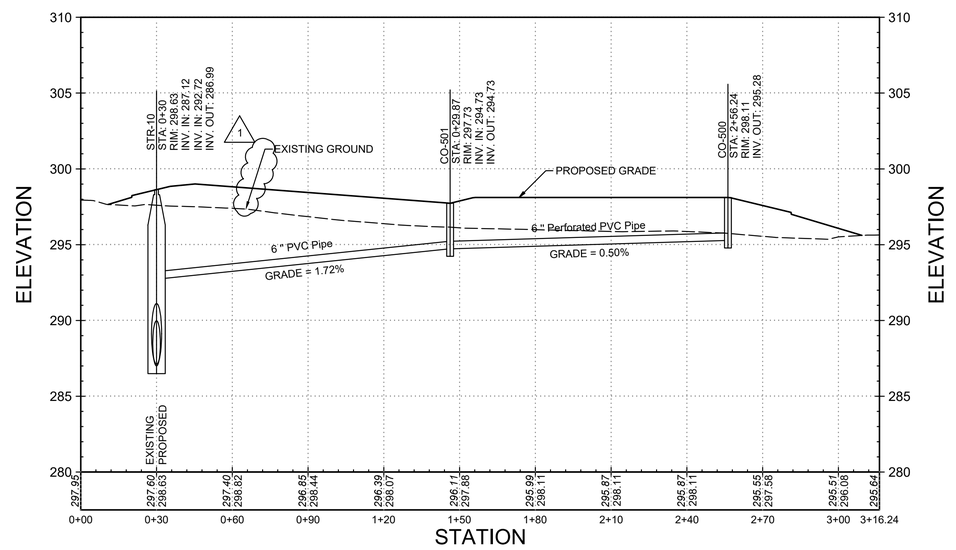
CG201



H1 PROFILE - BRAVO STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 3)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'



A1 PROFILE - BRAVO HELIPAD STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 3)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - FIXED LEADER LINE	NOV 2026

DESIGNED BY: W. CHAFFIN	ISSUE DATE: JULY 2026
DRAWN BY: S. TURNER	SOLICITATION NO.: -
CHECKED BY: W. CHAFFIN	CONTRACT NO.: -
SUBMITTED BY: J. O'DONNELL	PROJECT NUMBER: MH125004
	SIZE: MHY25004 CG202

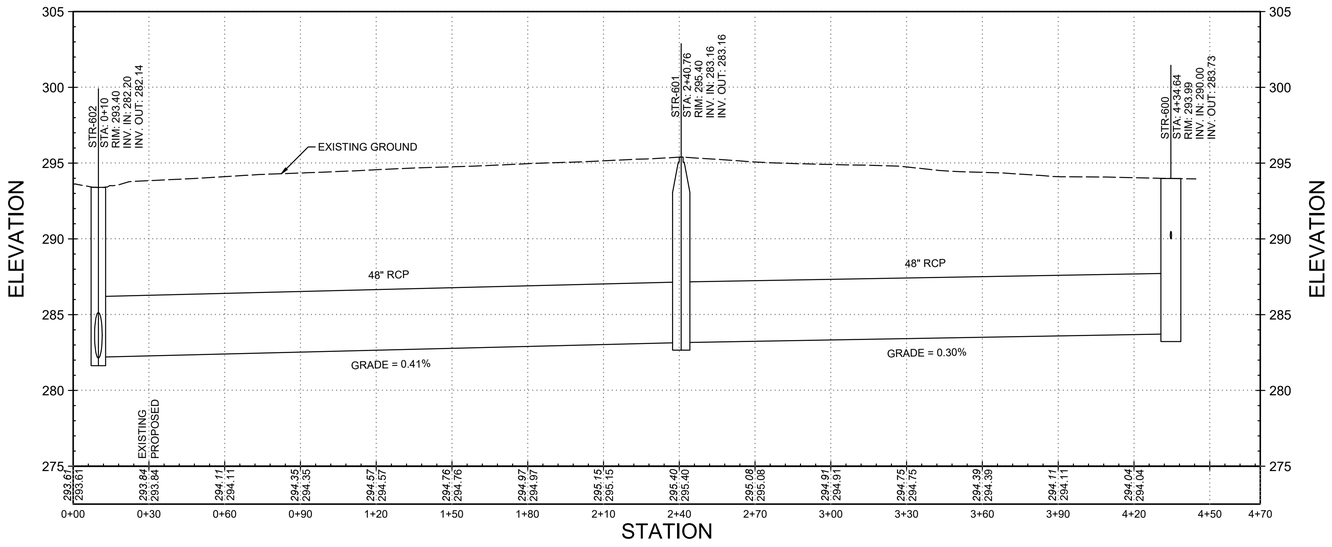
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 3
STORM DRAIN PROFILES
BRAVO

SHEET ID

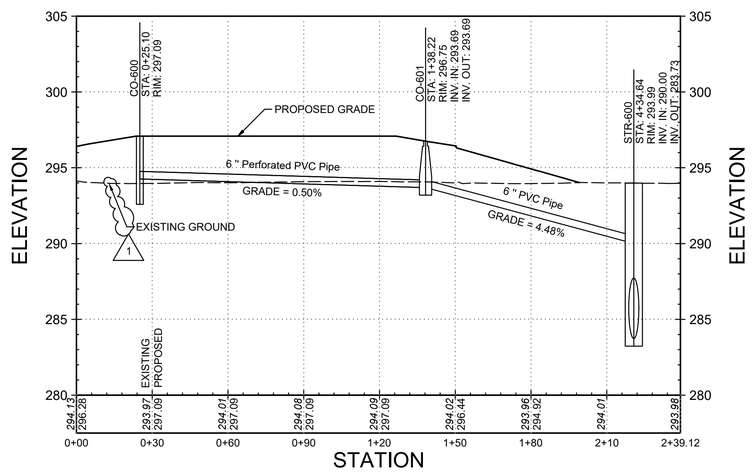
CG202



H1 PROFILE - CHARLIE STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 2)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'



A1 PROFILE - CHARLIE HELIPAD STORM DRAINAGE W/ EXAGGERATION 6 (BID OPTION 2)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - FIXED LEADER LINE	NOV 2026

DESIGNED BY: W. CHAFFIN	ISSUE DATE: JULY 2026
DRAWN BY: S. TURNER	SOLICITATION NO.: -
CHECKED BY: W. CHAFFIN	CONTRACT NO.: -
SUBMITTED BY: J. O'DONNELL	PROJECT NUMBER: MHY25004
SIZE:	MHY25004 CG203

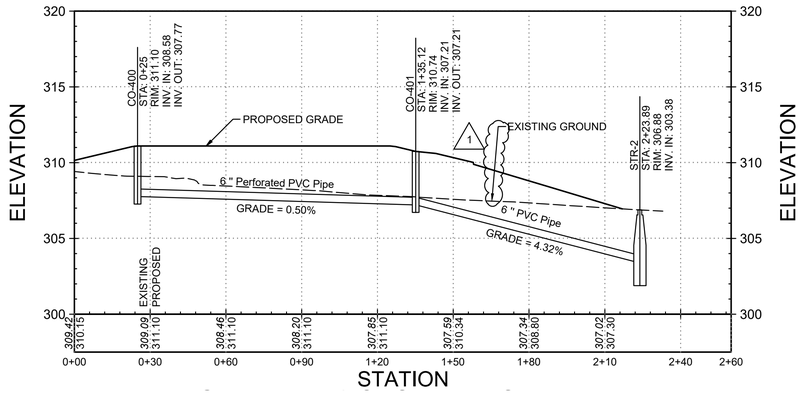
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 2
STORM DRAIN PROFILES
CHARLIE

SHEET ID

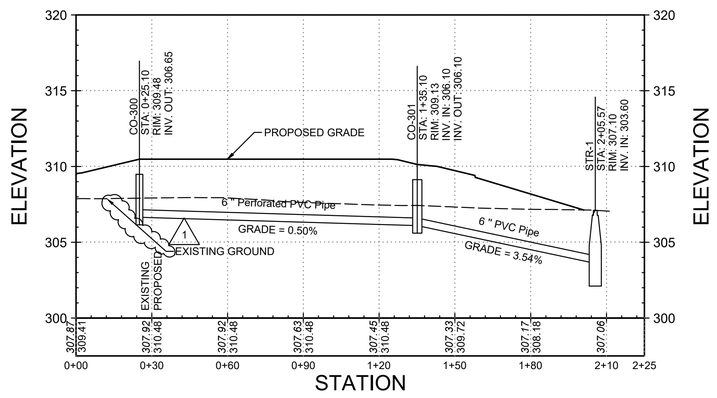
CG203



H1 PROFILE - DELTA 2 STORM DRAIN W/ EXAGGERATION 6 (BASE BID)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'



A1 PROFILE - DELTA 1 STORM DRAIN W/ EXAGGERATION 6 (BASE BID)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - FIXED LEADER LINE	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: S. TURNER
CHECKED BY: W. CHAFFIN
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
SIZE: MHX25004 CG204

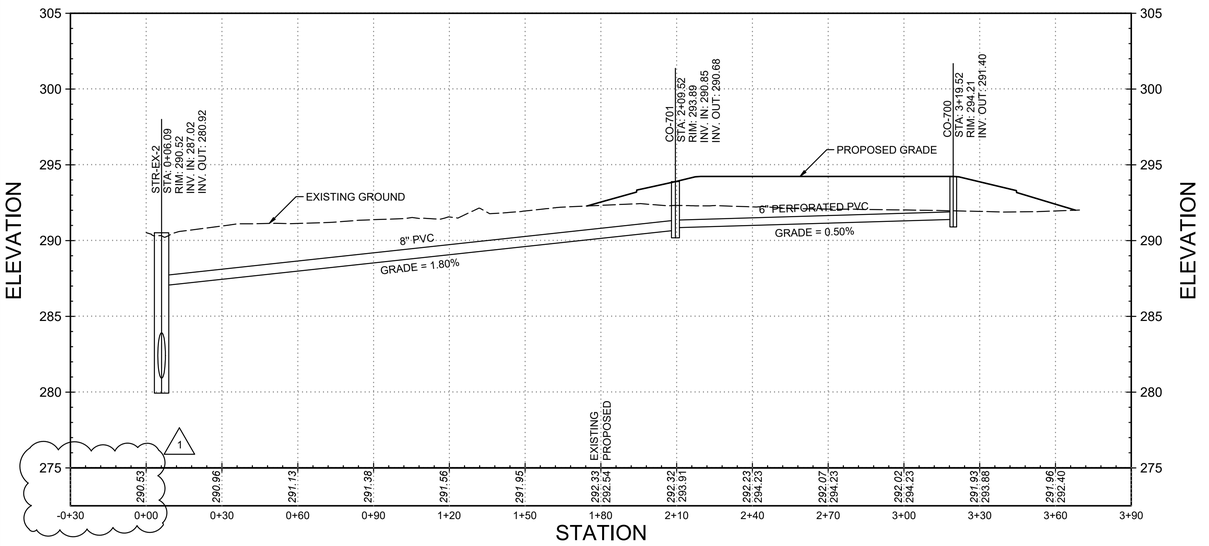
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BASE BID
STORM DRAIN PROFILES
DELTA 1 AND DELTA 2

SHEET ID

CG204



A1 PROFILE - ECHO STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 4)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED GRID LINES AND STATIONING	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: S. TURNER
CHECKED BY: W. CHAFFIN
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH125004
SIZE: MHX25004 CG205

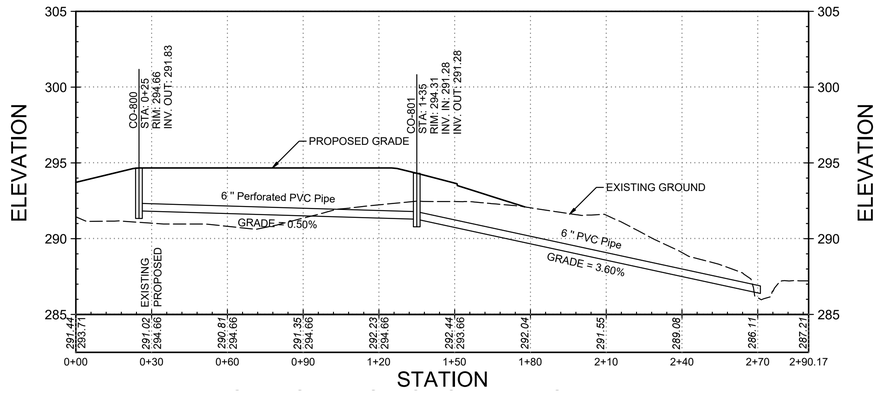
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 4
STORM DRAIN PROFILES
ECHO

SHEET ID

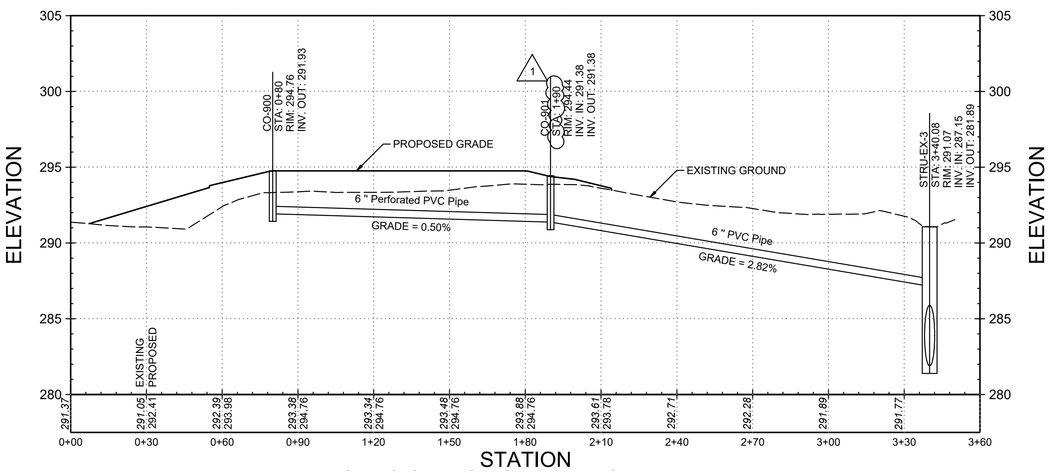
CG205



H1 PROFILE - FOXTROT STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 6)

SCALE: H 1"=30' V 1"=5'

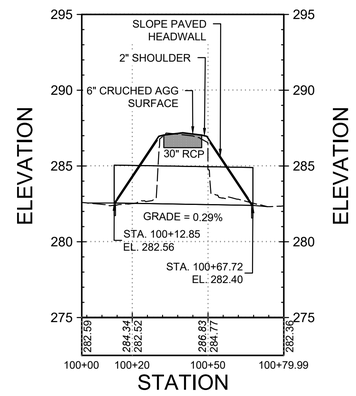
V 0 5' 10' H 0 30' 60'



A1 PROFILE - GOLF STORM DRAIN W/ EXAGGERATION 6 (BID OPTION 5)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'



A11 PROFILE - GOLF PERIMETER ROAD STORM DRAIN CROSSING (BID OPTION 5)

SCALE: H 1"=30' V 1"=5'

V 0 5' 10' H 0 30' 60'

GENERAL SHEET NOTES

1. SEE C-001 FOR LOCATION AND VICINITY MAP.
2. SEE C-002 FOR ABBREVIATIONS.
3. SEE C-003 FOR PROJECT LEGEND.
4. SEE C-004 FOR PROJECT NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - UPDATED STRUCTURE STATIONING	NOV 2026

DESIGNED BY: W. CHAFFIN
DRAWN BY: S. TURNER
CHECKED BY: W. CHAFFIN
SUBMITTED BY: J. O'DONNELL
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH172004
SIZE: MHY25004 CG206

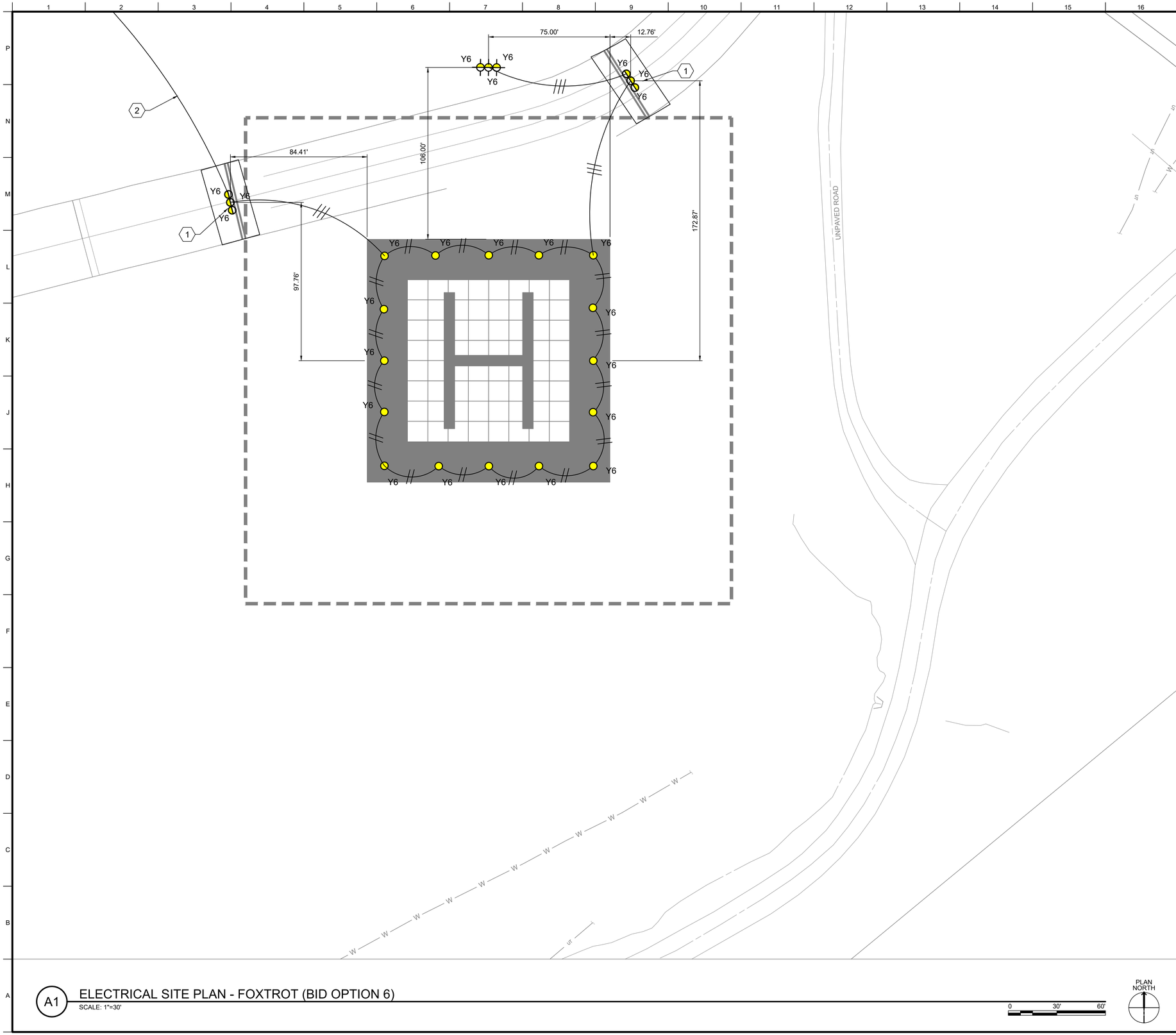
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 5 AND BID OPTION 6
STORM DRAIN PROFILES
FOXTROT AND GOLF

SHEET ID

CG206



GENERAL SHEET NOTES

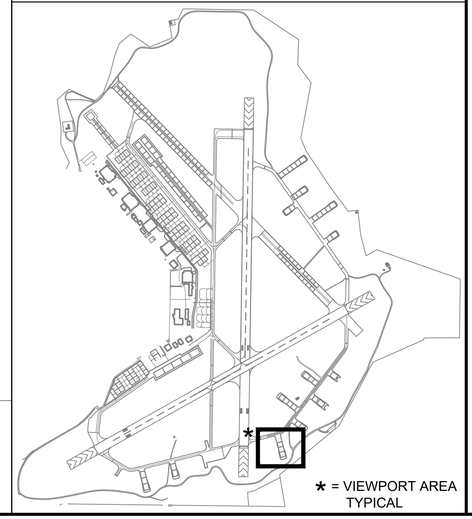
1

1. NEW HELIPAD LIGHTING WILL BE CONNECTED TO AND CONTROLLED BY THE CORRESPONDING TAXIWAY OR HOVER LANE CIRCUIT, UNLESS NOTED OTHERWISE.
2. SEE SHEET ES501 DETAIL H14 FOR HELIPAD PERIMETER LIGHT SPACING AND REQUIREMENTS.

SHEET KEYNOTES

1. CUT AND PATCH EXISTING ASPHALT PAVEMENT TO INSTALL NEW LIGHT BASES.
2. TO RUNWAY 18-36 LIGHTING CIRCUIT. SEE SHEET ES110 FOR CONTINUATION.

KEY MAP CAIRNS AAF



A1 ELECTRICAL SITE PLAN - FOXTROT (BID OPTION 6)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - REVISED NOTE 1	NOV 2026

DESIGNED BY: J.W. DUNSFORD	ISSUE DATE: JULY 2026
DRAWN BY: N.J.T. DODSON	SOLICITATION NO.: -
CHECKED BY: C.P. GUNN	CONTRACT NO.: -
SUBMITTED BY: J.L. SCARBROUGH	PROJECT NUMBER: MH172004
SIZE:	MHY25004 ES109

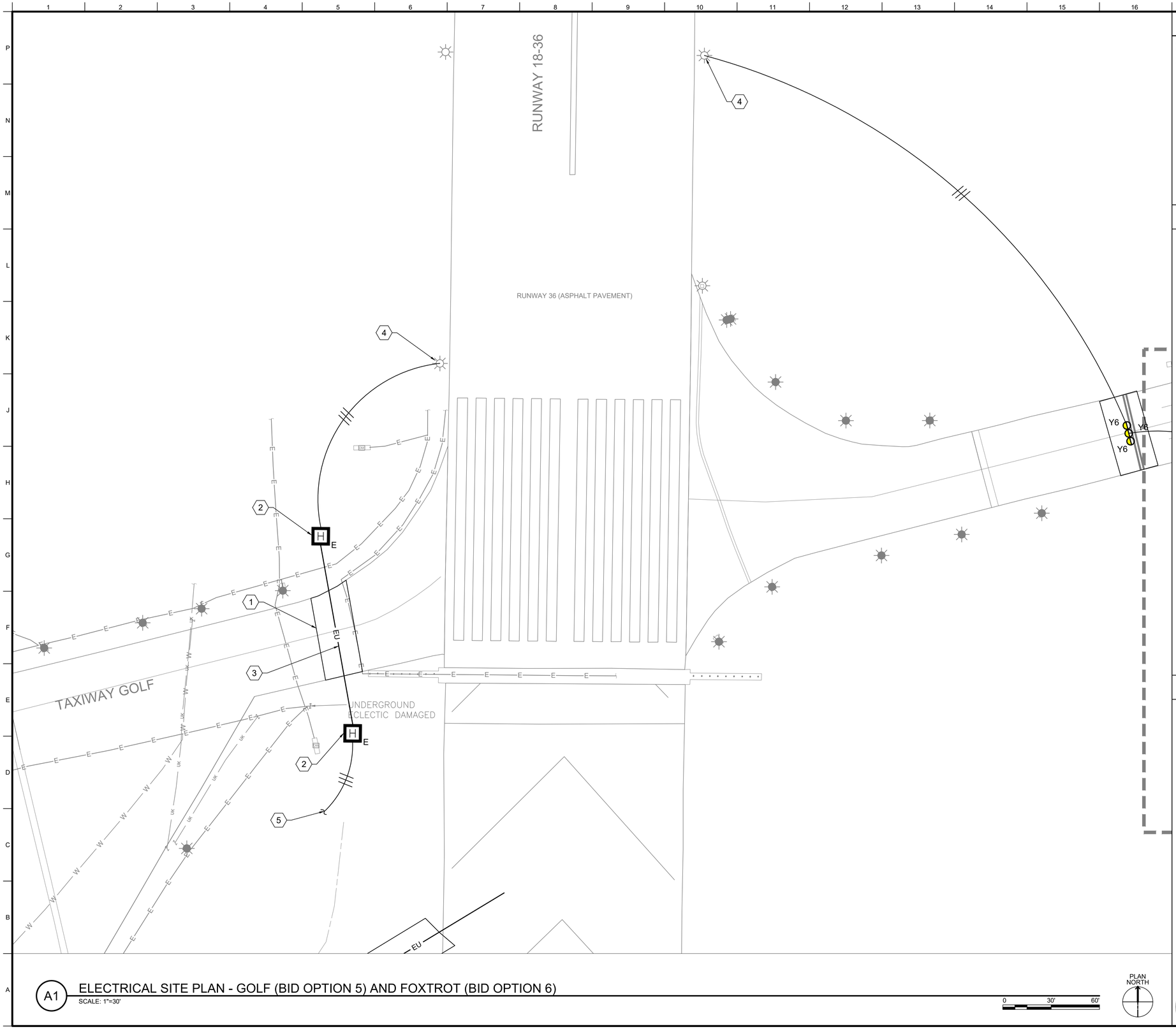
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 6
ELECTRICAL
SITE PLAN

SHEET ID

ES109



A1 ELECTRICAL SITE PLAN - GOLF (BID OPTION 5) AND FOXTROT (BID OPTION 6)

SCALE: 1"=30'

0 30' 60'

PLAN NORTH

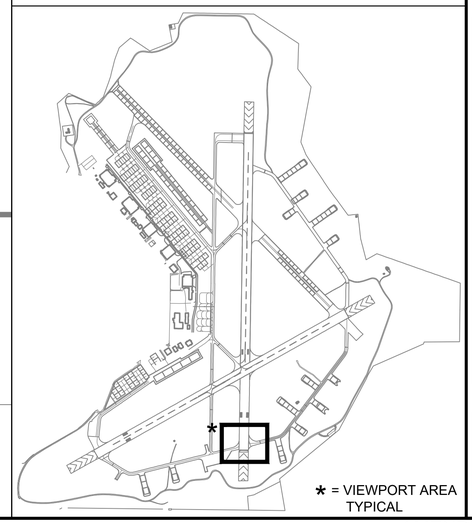
GENERAL SHEET NOTES

1. NEW HELIPAD LIGHTING WILL BE CONNECTED TO AND CONTROLLED BY THE CORRESPONDING TAXIWAY OR HOVER LANE CIRCUIT, UNLESS NOTED OTHERWISE.
2. SEE SHEET ES501 DETAIL H14 FOR HELIPAD PERIMETER LIGHT SPACING AND REQUIREMENTS.
3. CONTRACTOR SHALL ALLOCATE THE ELECTRICAL SCOPE OF WORK AS FOLLOWS FOR BIDDING PURPOSES: ELECTRICAL WORK WEST OF RUNWAY 18-36 (HELIPAD GOLF) IS ALLOCATED TO BID OPTION 5. ELECTRICAL WORK EAST OF RUNWAY 18-36 (HELIPAD FOXTROT) IS ALLOCATED TO BID OPTION 6.

SHEET KEYNOTES

1. CUT AND PATCH EXISTING ASPHALT PAVEMENT TO INSTALL NEW UNDERGROUND DUCTBANK.
2. NEW HANDHOLE.
3. NEW 2-WAY UNDERGROUND DUCTBANK.
4. SPLICE INTO RUNWAY LIGHTING CIRCUIT IN THIS LIGHT BASE.
5. TO HELIPAD GOLF; SEE SHEET ES111 FOR CONTINUATION.

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - REVISED NOTE 1	NOV 2026

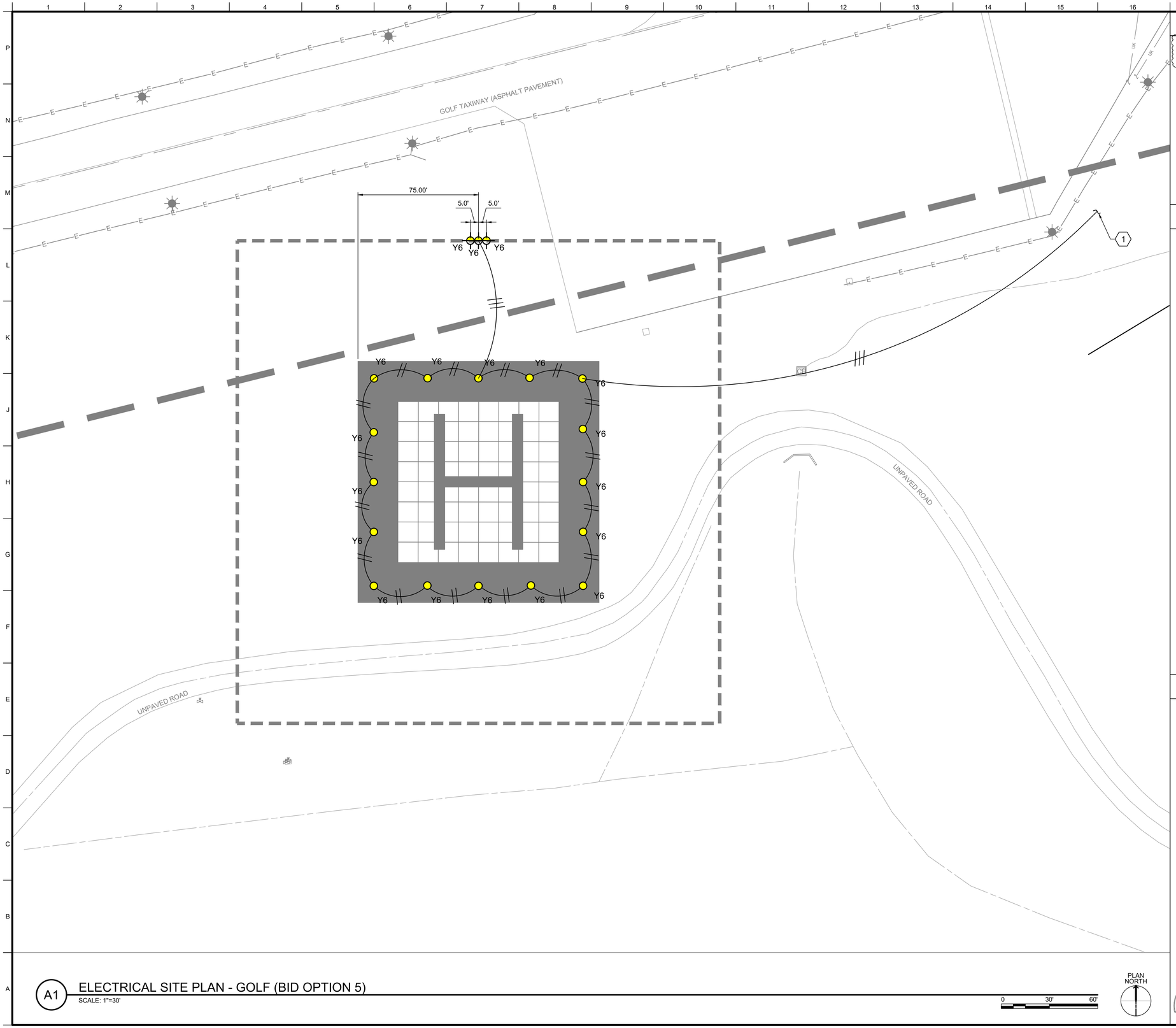
DESIGNED BY: J.W. DUNSFORD
DRAWN BY: N.J.T. DODSON
CHECKED BY: C.P. GUNN
SUBMITTED BY: J.L. SCARBROUGH
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MHY25004
SIZE: MHY25004 ES110

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 6
ELECTRICAL
SITE PLAN

SHEET ID
ES110



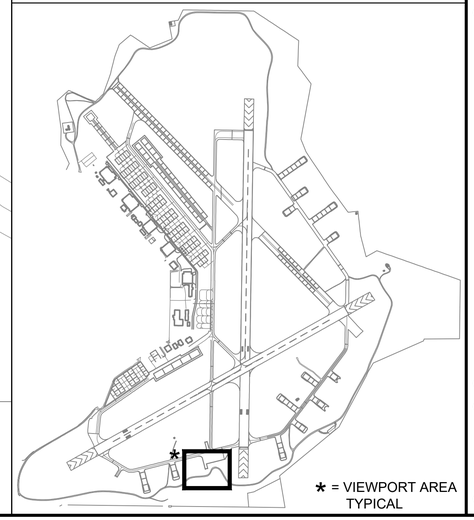
GENERAL SHEET NOTES

1. NEW HELIPAD LIGHTING WILL BE CONNECTED TO AND CONTROLLED BY THE CORRESPONDING TAXIWAY OR HOVER LANE CIRCUIT, UNLESS NOTED OTHERWISE.
2. SEE SHEET ES501 DETAIL H14 FOR HELIPAD PERIMETER LIGHT SPACING AND REQUIREMENTS.

SHEET KEYNOTES

1. TO RUNWAY 18-36 LIGHTING CIRCUIT. SEE SHEET ES110 FOR CONTINUATION.

KEY MAP CAIRNS AAF



* = VIEWPORT AREA TYPICAL

A1 ELECTRICAL SITE PLAN - GOLF (BID OPTION 5)
SCALE: 1"=30'

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMD 0003 - REVISED NOTE 1	NOV 2026

DESIGNED BY: J.W. DUNSFORD
DRAWN BY: N.J.T. DODSON
CHECKED BY: C.P. GUNN
SUBMITTED BY: J.L. SCARBROUGH
ISSUE DATE: JULY 2026
SOLICITATION NO.: -
CONTRACT NO.: -
PROJECT NUMBER: MH172004
SIZE: MHY25004 ES111

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
100 CANAL STREET
MOBILE, ALABAMA

FORT RUCKER
REHABILITATE HELIPADS
AT CAIRNS FIELD

BID OPTION 5
ELECTRICAL
SITE PLAN

SHEET ID
ES111