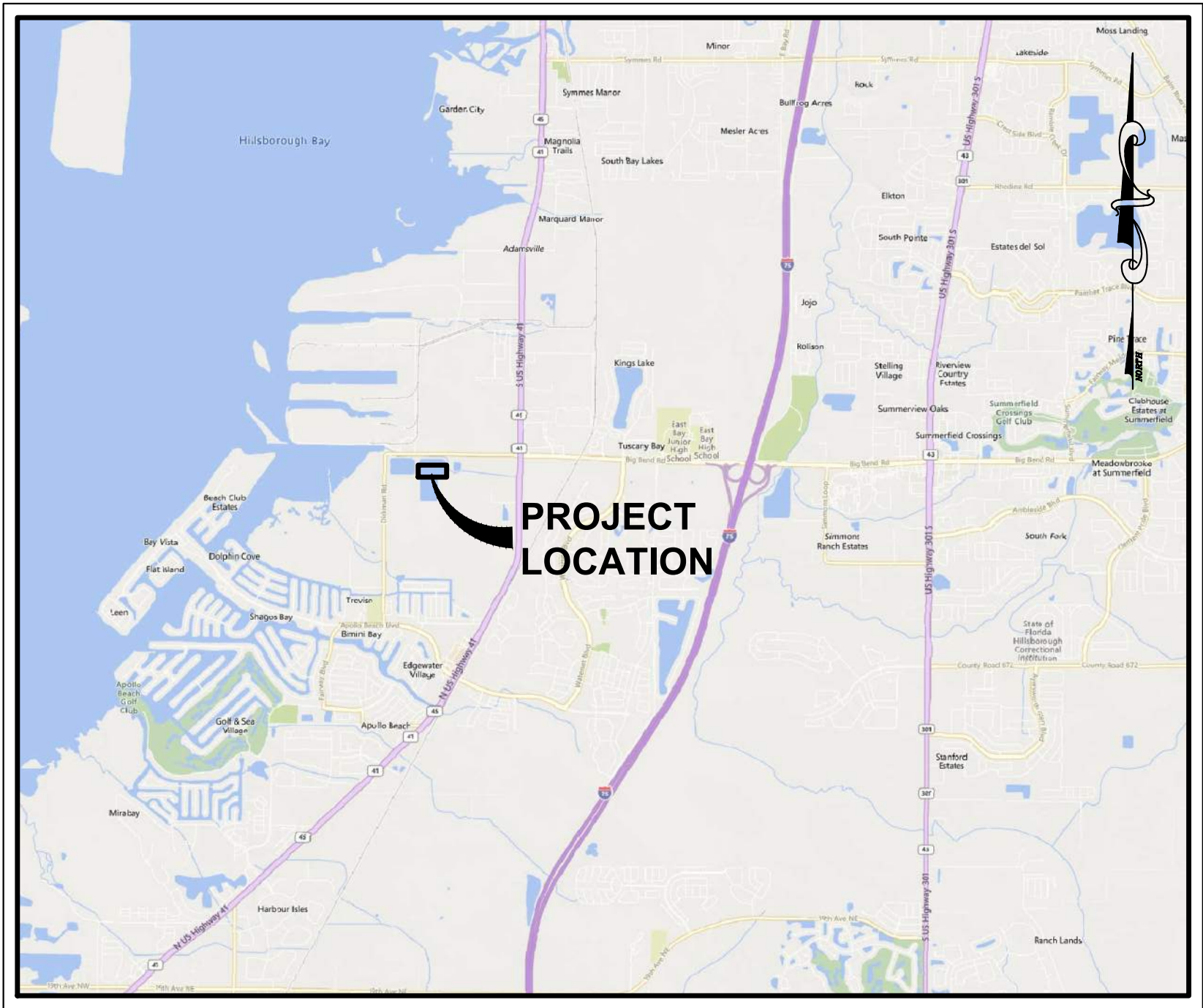
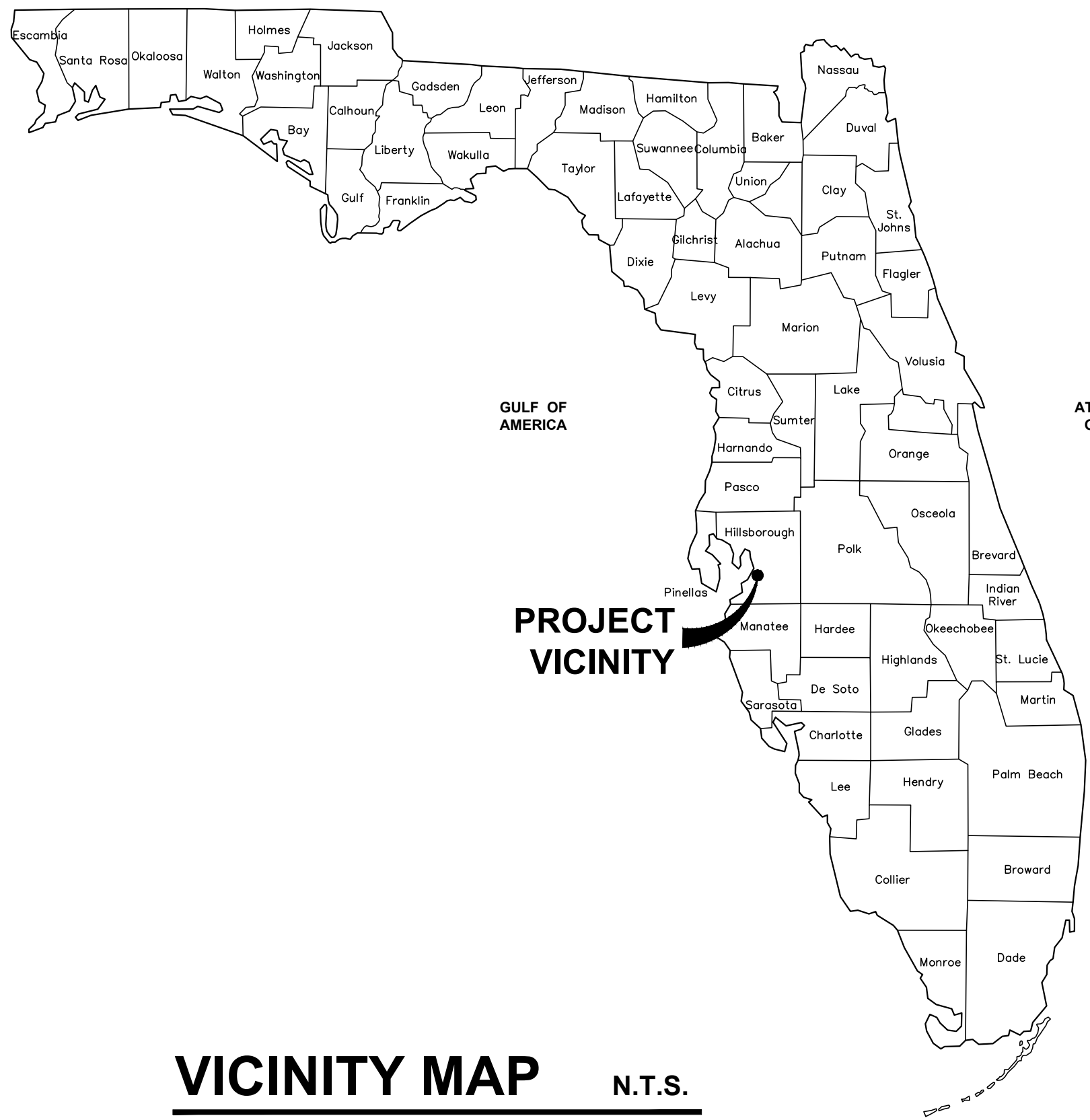


PERMIT PLANS
FOR
BIG BEND III BATTERY ENERGY STORAGE SYSTEM
IN
SECTION 15, TOWNSHIP 31 SOUTH, RANGE 19 EAST
HILLSBOROUGH COUNTY, FLORIDA
PREPARED FOR
TAMPA ELECTRIC COMPANY



LOCATION MAP N.T.S.



VICINITY MAP N.T.S.

MOVE	
Sheet Number	Sheet Title
1	COVER
2	GENERAL NOTES
3	GRADING & DRAINAGE PLAN
4	EROSION & SEDIMENT CONTROL PLAN
5	EROSION & SEDIMENT CONTROL DETAILS
6	DETAILS & TYPICAL SECTIONS
7	DETAILS & TYPICAL SECTIONS

GENERAL NOTES
DRAWING PREPARED IN 24X36 FORMAT. THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PERMIT SET
SUBMITTED: 12/23/25



Know what's below.
Call before you dig.



**CULPEPPER &
TERPENING INC**

WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

This item has been digitally signed and sealed by
James P. Terpening, PE, on 12/23/2025 2:42:40 PM.
Printed copies of this document are not considered signed and
sealed and the signature must be verified on any electronic copies

JAMES P. TERPENING JR, P.E. FL. REG. NO. 24276

GENERAL

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

2. SURVEY - LAYOUT AND RECORD/AS-BUILT INFORMATION SHALL BE PERFORMED BY A FLORIDA PROFESSIONAL LAND SURVEYOR AND BE IN ACCORDANCE WITH APPLICABLE STATE STATUTES.

3. RECORD INFORMATION: UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL OBTAIN AND SUBMIT RECORD INFORMATION TO THE OWNER. THIS INFORMATION SHALL INCLUDE THE FOLLOWING:

A. DRAINAGE SYSTEM: HIGH POINTS AND LOW POINTS OF SITE.

B. PATHWAYS AND GRADING: THE RECORD INFORMATION SHALL BE CERTIFIED BY A FLORIDA PROFESSIONAL LAND SURVEYOR. LOCATIONS SHALL BE MADE BY REFERENCE TO CENTERLINE STATIONING AND OFFSET OR BY OTHER MEANS ACCEPTABLE TO THE OWNER. ELEVATIONS SHALL BE ACCORDING TO THE NORTH AMERICAN VERTICAL DATUM (NAVD).

4. GEOTECHNICAL/SOIL TESTING - SOIL TESTING SHALL BE PERFORMED BY A TESTING FIRM AND LABORATORY CERTIFIED FOR THE TESTS BEING PERFORMED. TESTING FOR WORK ON FDOT RIGHT-OF-WAY SHALL BE PERFORMED BY A CERTIFIED TESTING LABORATORY AND FIRM QUALIFIED BY FDOT. TESTING SHALL INCLUDE ALL PROCTORS, DENSITY TESTS LBRS AND OTHER SPECIFIED OR REQUESTED TESTS.

5. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL COUNTY OR STATE SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS, WHICHEVER IS MOST RESTRICTIVE.

5. MAINTENANCE OF TRAFFIC - MAINTENANCE OF TRAFFIC SHALL BE COORDINATED CLOSELY WITH **HILLSBOROUGH COUNTY** AS THE CONSTRUCTION ACCESS THAT SERVES THE PROJECT LIES WITHIN THE DISTRICT BOUNDARIES.

6. PROPERTY MONUMENTS - WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, OWNER MUST BE NOTIFIED AND PERMISSION MUST BE OBTAINED TO REMOVE. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

7. CONSTRUCTION DRAINAGE - THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN DRAINAGE DURING CONSTRUCTION. CONSTRUCTION SHALL NOT BLOCK NATURAL FLOW UNLESS ALTERNATE PROVISIONS ARE MADE BY THE CONTRACTOR THAT ARE ACCEPTABLE. ALTERNATE DRAINAGE PROVISIONS NEED TO BE REVIEWED AND ACCEPTED BY THE ENGINEER.

8. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED OR TO THE DESIGN'S INTENT TO PROVIDE PROPER FALL AND DRAINAGE. CONTRACTOR SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.

9. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE STABILIZED UNLESS INDICATED OTHERWISE ON THE ENGINEERING PLANS. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

10. RESTORATION OF DAMAGED STRUCTURES OR UTILITIES - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, REBUILD OR RESTORE TO ITS FORMER CONDITION, ANY AND ALL PORTIONS OF EXISTING DRAINAGE STRUCTURES OR UTILITIES WHICH MAY BE DISTURBED OR DAMAGED DUE TO THIS CONSTRUCTION OPERATION.

11. ALL DISTURBED AREAS TO BE SEEDED, UNLESS OTHERWISE NOTED IN THE PLAN.

12. ALL SLOPES GREATER THAN 4:1 SHALL BE SODDED. ALL SOD ON SLOPES STEEPER THAN 3:1 SHALL BE PINNED.

13. THE CONTRACTOR IS RESPONSIBLE FOR WATERING, WEED CONTROL AND MINIMUM MONTHLY MOWING UNTIL ALL TURF IS FULLY ESTABLISHED IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 570.

14. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION UNLESS THEY ARE MARKED "APPROVED FOR CONSTRUCTION" IN THE TITLE BLOCK.

15. OWNER TO OBTAIN ENVIRONMENTAL PERMITS. CONTRACTOR TO OBTAIN CONSTRUCTION LEVEL PERMITS, INCLUDING CONSTRUCTION GENERAL PERMIT (CGP). CONTRACTOR TO REVIEW AND COMPLY WITH ALL PERMITS PRIOR TO STARTING CONSTRUCTION.

16. DRAWING SCALE MAY CHANGE DUE TO REPRODUCTION.

17. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND OWNER WITHIN 24 HOURS AFTER DISCOVERY IS MADE. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL TO REMAIN SHALL BE ADJUSTED TO GRADE BY THE CONTRACTOR.

18. IF ASBESTOS MATERIAL OR PIPE IS DISCOVERED DURING CONSTRUCTION, FPL SHALL BE NOTIFIED.

19. TOPOGRAPHIC SURVEY DATA TAKEN FROM LIDAR BY CULPEPPER & TERPENING, INC. , FILE DATE OCTOBER 21, 2025.

UTILITIES (CONTINUED)

4. UTILITY ADJUSTMENTS ARE TO BE PERFORMED BY THE UTILITY OWNERS UNLESS OTHERWISE NOTED. CONTRACTOR MUST COORDINATE THE WORK APPROPRIATELY TO STAY ON SCHEDULE.

5. EXISTING UTILITIES AND STRUCTURES - EXISTING UTILITIES, STRUCTURES AND FACILITIES SHOWN ON THE DRAWINGS WERE LOCATED AS ACCURATELY AS POSSIBLE FROM THE RECORDS EXAMINED. NO GUARANTEE IS MADE THAT ALL EXISTING FACILITIES ARE SHOWN OR THAT THOSE SHOWN ARE ENTIRELY ACCURATE. THE CONTRACTOR SHALL ASSURE HIMSELF OF THE ACTUAL LOCATION OF THE UTILITIES, STRUCTURES, OR FACILITIES PRIOR TO PERFORMANCE OF ANY WORK IN THE VICINITY. THE UTILITY COMPANIES OR UTILITY AGENCIES WILL CO-OPERATE WITH THE CONTRACTOR'S OPERATIONS. PRIOR TO START OF THE WORK, THE CONTRACTOR SHALL REQUEST EACH UTILITY AGENCY TO ADVISE HIM OF THE LOCATION OF THEIR FACILITIES IN THE VICINITY. THE OWNER WILL ASSUME NO LIABILITY FOR DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE CONTRACTOR'S OPERATION IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, OR TO THE TEMPORARY BRACING AND SHORING OF SAME. IN THE EVENT THAT IT IS NECESSARY TO SHORE, BRACE, OR SWING A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHOULD BE CONTACTED AND THEIR PERMISSION SECURED AS TO THE METHOD USED FOR ANY SUCH WORK.

6. RESTORATION OF DAMAGED STRUCTURES OR UTILITIES: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR, REBUILD OR RESTORE TO ITS FORMER CONDITION, ANY AND ALL PORTIONS OF EXISTING UTILITIES, STRUCTURES, EQUIPMENT, APPURTENANCES OR FACILITIES, WHICH MAY BE DISTURBED OR DAMAGED DUE TO THIS CONSTRUCTION OPERATION.

7. ABANDONMENT OF SEPTIC TANKS: ABANDONMENT OF SEPTIC TANKS SHALL BE IN ACCORDANCE WITH THE HEALTH DEPARTMENT POLICY UNDER FLORIDA ADMINISTRATIVE CODE 64E-6.001.

8. FINAL CLEANUP: UPON COMPLETION OF THE WORK, BUT BEFORE FINAL PAYMENT WILL BE MADE, THE CONTRACTOR SHALL CLEAR AND REMOVE FROM THE PROJECT AREA, ALL FALSEWORK, EQUIPMENT, SURPLUS AND DISCARDED MATERIALS, RUBBISH AND TEMPORARY STRUCTURES WHICH RESULT FROM THE WORK UNDER THIS AGREEMENT, AND SHALL RESTORE IN AN ACCEPTABLE MANNER, ALL PROPERTY WHICH HAS BEEN DAMAGED DURING THE PROSECUTION OF THE WORK.

EARTHWORK, GRADING AND RELATED ITEMS

1. MATERIALS AND CONSTRUCTION METHODS FOR EARTHWORK, EXCAVATION, EMBANKMENT AND GRADING SHALL MEET THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTION 120 AND SHALL BE PERFORMED TO ACHIEVE FINAL GRADES, ELEVATIONS AND TYPICAL SECTIONS AS SHOWN ON THE PLANS FOR PROPOSED WORK. ALL WORK SHALL ALSO MEET REQUIREMENTS OF THE GEOTECHNICAL REPORT. EMBANKMENT SHALL BE TESTED FOR EACH 12" MAXIMUM LIFT. DENSITY MUST MEET 95% OF T-180. TEST FREQUENCY TO BE 1 PER EVERY 10,000 SF PER LIFT.

2. FILL UTILIZED FOR THIS PROJECT WILL BE CLEAN FILL, FREE OF DEBRIS AND DELETERIOUS SUBSTANCES.

3. CLEARING AND GRUBBING: CLEARING AND GRUBBING SHALL MEET THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTION 110 AND SHALL BE PERFORMED WITHIN THE LIMITS OF THE PROJECT WORK. ALL MATERIAL SHALL BE REMOVED FROM THE SITE OF THE PROJECT AND SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, REGIONAL, STATE AND FEDERAL LAWS, REGULATIONS AND ORDINANCES OR DISPOSED THROUGH OTHER ONSITE METHODS SUCH AS BURNING IN ACCORDANCE WITH LOCAL, REGIONAL, STATE AND FEDERAL LAWS, REGULATIONS AND ORDINANCES.

4. ROUGH GRADE: THE CONTRACTOR SHALL GRADE THE SITE TO MEET THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTIONS 110 AND 120 AND SHALL CONFORM TO THE LINES, GRADES, AND TYPICAL SECTIONS AS SHOWN ON THE PLANS.

5. SODDING, SEED AND MULCH: SODDING, SEED AND MULCH SHALL MEET THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTIONS 570 AND 981 AND SHALL BE PLACED IN ALL DISTURBED AREAS NOT OTHERWISE ADDRESSED IN PLANS.

6. ACCESS ROADWAYS: CONSTRUCT AS INDICATED IN THE PLANS. STABILIZED SUBGRADE AND BASE ROCK TO BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 160, 200 AND 285.

7. REVETMENT SYSTEMS/RIP-RAP: REVETMENT SYSTEMS, INCLUDING RIP-RAP, SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 530 AND THE RELATED SPECIFICATION SECTIONS REFERENCED UNDER SECTION 530.

ADDITIONAL EARTHWORK/DEMUCKING PROCEDURES

1. CONTRACTOR TO FOLLOW THE GUIDANCE OF THE REFERENCED GEOTECHNICAL ENGINEERING INVESTIGATION REPORT TO DETERMINE DEPTH OF DEMUCKING AND/OR REMOVAL OF UNSUITABLE FILL. CONTRACTOR MUST NOTIFY THE ENGINEER IN ADVANCE OF PERFORMING THIS WORK.

2. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. PROPOSED SPOT ELEVATIONS REPRESENT GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.

3. ALL DELETERIOUS SUBSURFACE MATERIAL, IN AREAS RECEIVING STRUCTURAL FILL OR UNDERNEATH SHALLOW FOUNDATIONS (I.E. MUCK, PEAT, BURIED DEBRIS), IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE GEOTECHNICAL REPORT. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE. CONTRACTOR MUST NOTIFY THE ENGINEER IN ADVANCE OF PERFORMING THIS WORK.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED.

5. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE GEOTECHNICAL REPORT AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.

6. THE CONTRACTOR SHALL ENSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS.

DRAINAGE IMPROVEMENTS

1. MATERIALS, TRENCH EXCAVATION, PIPE LAYING AND BACKFILLING OPERATIONS FOR DRAINAGE IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF FDOT SECTIONS 125 AND 430. PIPE SHALL BE LAID IN TRUE ALIGNMENT IN A PIPE TRENCH WITH AN ADEQUATE SUPPORTING VALUE AND "BEDDED" TO THE DETAIL SHOWN IN THE PLANS AND FDOT SECTION 430. ALL BACKFILL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180, UNLESS OTHERWISE SHOWN ON THE PLANS. BACKFILL TO BE PLACED IN 6" LIFTS TO THE SPRING LINE AND 12" LIFTS ABOVE THE SPRING LINE.

DITCH CROSSING INSTALLATION -

THE FOLLOWING OUTLINES THE INSTALLATION PROCEDURES FOR THE CONSTRUCTION OF CROSSINGS OVER AN EXISTING LATERAL DITCH:

1. THE LATERAL DITCH SHALL BE ISOLATED FROM THE IRRIGATION SOURCE BY CLOSING OF THE IRRIGATION CONTROL STRUCTURE.

2. THE FLOATING TURBIDITY BARRIER UPSTREAM OF THE LATERAL DITCH OUTFALL CONNECTION TO THE DRAINAGE DISCHARGE CANAL SHALL BE INSTALLED AND INSPECTED TO BE SURE IT IS IN GOOD WORKING ORDER.

3. THE CONTRACTOR SHALL INSTALL A FLOATING TURBIDITY BARRIER UPSTREAM AND DOWNSTREAM FROM THE PROPOSED DITCH CROSSING LOCATION.

4. THE CONTRACTOR SHALL INSTALL AN EARTHEN (OR OTHER APPROVED MATERIAL) DITCH BLOCK BOTH UPSTREAM AND DOWNSTREAM FROM THE PROPOSED DITCH CROSSING LOCATION TO PREVENT SEEPAGE INTO THE WORK AREA.

5. THE WORK AREAS SHALL BE DEWATERED WITH THE DISCHARGE WATER APPLIED ONTO THE EXISTING LANDS; NO OFFSITE DISCHARGE IS ALLOWED.

6. THE EXISTING DITCH BOTTOM AND SIDE SLOPES AT THE CROSSING SHALL BE CLEANED AND ALL ORGANIC VEGETATION REMOVED PRIOR TO COMMENCING OF FILLING OPERATIONS.

7. THE BEDDING MATERIAL FOR THE CULVERT INSTALLATION SHALL BE PLACED AND COMPACTED PRIOR TO THE INSTALLATION OF THE CULVERT.

8. THE BACKFILL OF THE CULVERT ABOVE THE SPRING LINE SHALL BE PERFORMED IN 12" COMPACTED LIFTS, UP TO THE PROPOSED FINISHED GRADE.

9. ALL DISTURBED BANK SLOPES WITHIN THE WORK AREA AND THE NEW DITCH CROSSING SHALL BE SODDED AND STAKED TO AN ELEVATION 2 FOOT BELOW CONTROL WATER ELEVATION.

10. THE EARTHEN BERMS CAN THEN BE REMOVED AND THE SIDE SLOPES SODDED TO THE CONTROL WATER LINE.

11. THE FLOATING TURBIDITY BARRIERS SHALL BE REMOVED UPON COMPLETION OF THE PROJECT AND SUCCESSFUL PASSING OF WATER QUALITY TESTING (29 NTU ABOVE BACKGROUND WATER QUALITY).

PROJECT CLOSE OUT

1. CLEANING UP

A. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER AND THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN. UPON FINAL CLEANUP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH, AND THE PAVED AREAS SHALL BE BROOMED AND PRESSURE CLEANED.

B. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS/HER WORK, EQUIPMENT AND/OR EMPLOYEES TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.

C. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, MAILBOXES, SIGNS AND ANY OTHER IMPROVEMENTS REMOVED DURING CONSTRUCTION WITH THE SAME TYPE OF MATERIAL AND TO THE CONDITION WHICH EXISTED PRIOR TO THE BEGINNING OF OPERATIONS.

D. WHERE MATERIAL OR DEBRIS HAVE WASHED OR FLOWED INTO, OR HAVE BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

E. ALL DISPOSAL OF EXCESS AND UNSUITABLE EXCAVATED MATERIAL, DEMOLITION, VEGETATION, RUBBISH AND DEBRIS SHALL BE MADE OUTSIDE THE LIMITS OF CONSTRUCTION AT A LEGAL DISPOSAL SITE PROVIDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, WITH THE PRIOR APPROVAL OF THE TECO ENVIRONMENTAL SERVICES DEPARTMENT. MATERIAL CLEARED FROM THE SITE SHALL NOT BE DEPOSITED ON ADJACENT AND/OR NEARBY PROPERTY.

2. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

3. PROJECT RECORD DOCUMENTS

A. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR. THE RECORD SURVEY SHALL DEPICT ACTUAL FIELD LOCATIONS OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. THE ASBUILT SURVEY SHALL ALSO INCLUDE AS-BUILT GRADES AND LOCATIONS OF FINISHED PAVEMENT, SIDEWALKS, CURBS, AND ALL PHYSICAL IMPROVEMENTS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITIES.

4. CONTRACTOR TO REPLACE ALL DAMAGED SURVEY MONUMENTS.

SAFETY

1. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL ENSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

2. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" AND THE FDOT STANDARD PLANS SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE FOR THE SAFETY AND CONTROL OF LOCAL TRAFFIC DURING CONSTRUCTION. ADDITIONAL INFORMATION MAY BE REQUIRED IF LANE CLOSURE DURATIONS ARE LONGER THAN DAYTIME OPERATIONS.

OBSERVATION AND TESTING

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE FOLLOWING EVENTS:

A. PRIOR TO PLACING BALLAST ROCK WITHIN EXFILTRATION TRENCH AND PIPE RUNS TO MEASURE DEPTH AND WIDTH, AS WELL AS DIRECTIONS RESPECTIVELY.

B. AFTER COMPACTION OF LIMEROCK BASE AND PRIOR TO PLACEMENT OF FIRST LIFT OF ASPHALT.

C. AFTER 2ND LIFT OF ASPHALT.

D. AT SUBSTANTIAL COMPLETION.

E. FINAL INSPECTION.

2. SHOULD THE CONTRACTOR FAIL TO NOTIFY THE ENGINEER OF RECORD ADVANCE NOTICE OF TESTING AND TEST RESULTS, AND NOTICE OF INSPECTIONS AS SPECIFIED ABOVE, THEN ENGINEER RESERVE THE RIGHT TO REFUSE ISSUANCE OF ANY CERTIFICATION OF COMPLETION AND FINAL INSPECTIONS.

3. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE INSPECTOR OR THE GEOTECHNICAL ENGINEER.

4. TESTING SHALL BE AS SHOWN BELOW IN TABLE NO. 1.

TABLE 1: TESTING SCHEDULE SUMMARY

LOCATION	TEST	FREQUENCY
GENERAL FILL	PROOF-ROLL	ENTIRE AREA
	MOISTURE DENSITY TEST (NUCLEAR DENSITY)	1 PER 10,000 SF PER LIFT
COMPACTED SUBGRADE TO RECEIVE FILL	PROOF-ROLL	ENTIRE LENGTH
	MOISTURE DENSITY TEST (NUCLEAR DENSITY)	1 EVERY 10,000 SF PER LIFT
COMPACTED ACCESS PATHS SUBGRADE	PROOF-ROLL	ENTIRE LENGTH
	MOISTURE DENSITY TEST (NUCLEAR DENSITY)	1 EVERY 500 FEET
AGGREGATE BASE	PROOF-ROLL	ENTIRE LENGTH
	MOISTURE DENSITY TEST (NUCLEAR DENSITY)	1 PER 500 FEET
CULVERT FILL	PROOF-ROLL	ENTIRE AREA
	1 DENSITY TEST PER FT OF FILL	PER CROSSING

BIG BEND III BATTERY ENERGY STORAGE SYSTEM

VOLUME SUMMARY

Description	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd)
Existing Vs. Proposed	6400	6400	0

VOLUME SUMMARY NOTES:

1. TOPOGRAPHIC SURVEY BY CULPEPPER & TERPENING, INC.

2. THE EARTHWORK QUANTITIES ARE BASED ON A COMPARISON OF THE EXISTING SURFACE TO PROPOSED GRADES WHICH INCLUDES THE TOP ORGANIC SOIL LAYER.

3. THE EARTHWORK QUANTITIES DOES NOT INCLUDE ANY FACTORS OF COMPACTION OF FILL OR EXPANSION OF CUT.

4. A MAXIMUM MATERIAL HAUL DISTANCE OF 2,000 FEET WAS CONSIDERED IN THE ANALYSIS

COMPUTER FILE REF.

FIELD BK./PG.

CULPEPPER & TERPENING INC

WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

DESIGNED

CALCS.

DRAWN

DETAILED

CHECKED

APPROVED

RN

AND

RN

RN

JPT/RC

JPT

11/3/25

11/3/25

11/3/25

11/3/25

11/3/25

12/23/25

BIG BEND III BESS

GENERAL NOTES

DATE: 12/23/25

HORIZ. SCALE: NA

VERT. SCALE: NA

JOB No: 20-215.005

SHEET 2 of 7

NOTES:

1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

811

Know what's below.
Call before you dig.

JAMES PARKER TERPENING, JR.

LICENSE No 24276

STATE OF FLORIDA

PROFESSIONAL ENGINEER

JAMES P. TERPENING JR., P.E. FL. REG. NO. 24276

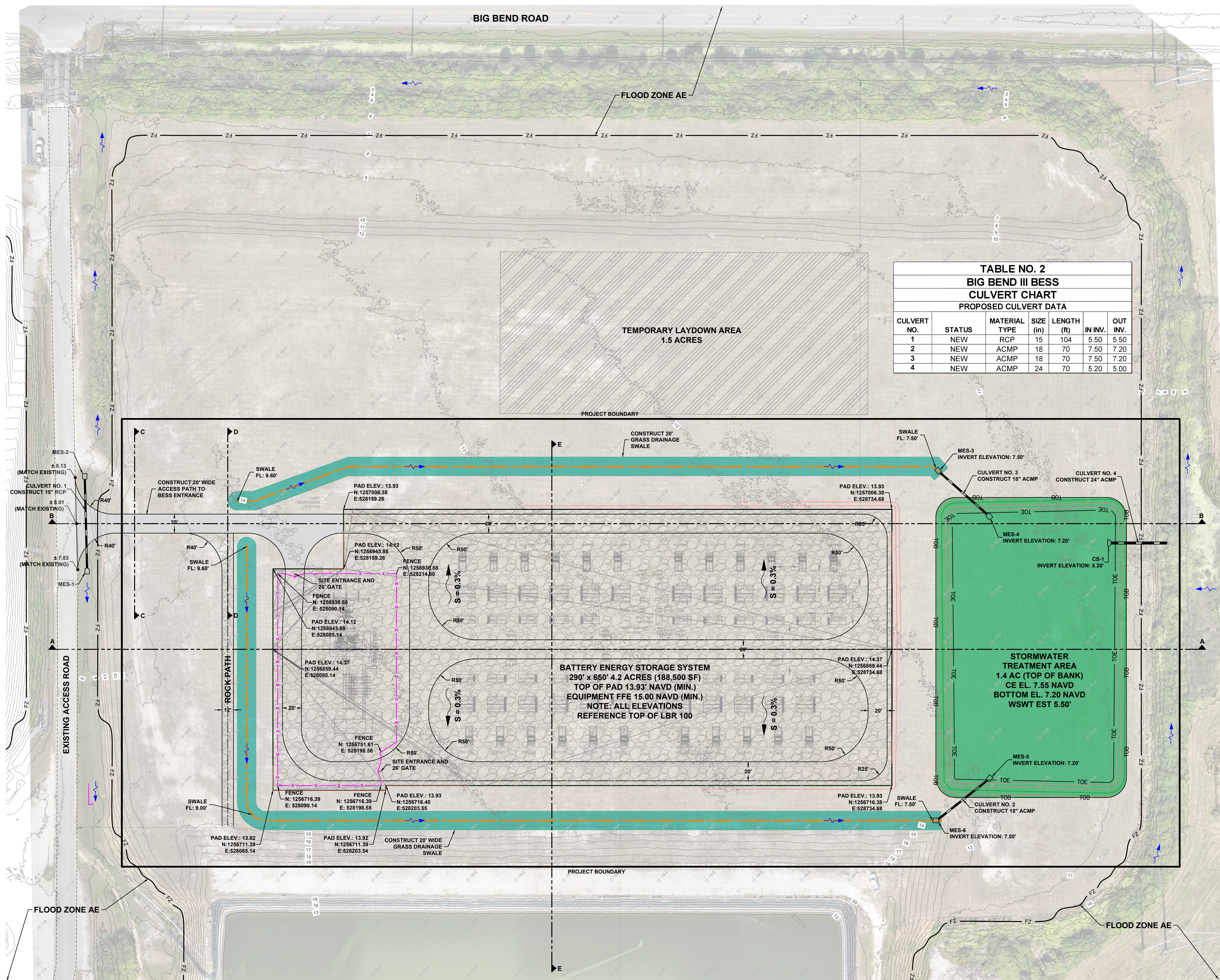
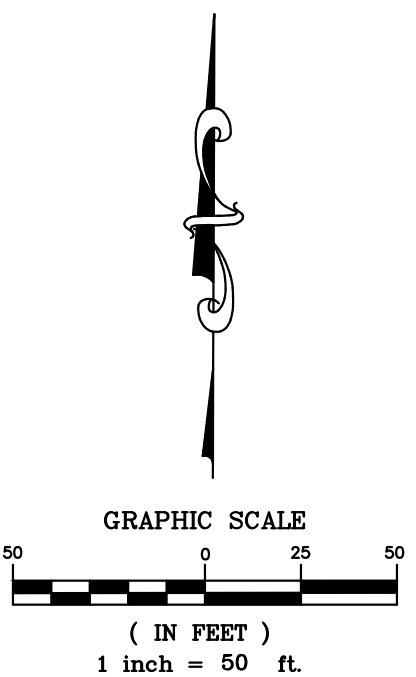


TABLE NO. 2 BIG BEND III BESS CULVERT CHART PROPOSED CULVERT DATA						
CULVERT NO.	STATUS	MATERIAL TYPE	SIZE (in)	LENGTH (ft)	IN INV.	OUT INV.
1	NEW	RCP	15	104	5.50	5.50
2	NEW	ACMP	18	70	7.50	7.20
3	NEW	ACMP	18	70	7.50	7.20
4	NEW	ACMP	24	70	5.20	5.00

- LEGEND**
- PROJECT BOUNDARY
 - RIGHT-OF-WAY
 - LOT LINE
 - SETBACK
 - DITCH FLOW ARROW
 - SHEET FLOW ARROW
 - BASIN OUTFALL
 - EXISTING CONCRETE
 - EXISTING CULVERT
 - PROPOSED CULVERT
 - PROPOSED WATER QUALITY SWALE
 - PROPOSED CONVEYANCE SWALE
 - EXISTING CONTROL STRUCTURE
 - PROPOSED INVERTER
 - PROPOSED FENCE
 - EXISTING FENCE
 - EXISTING EASEMENT
 - EXISTING CONTOURS
 - EXISTING ELEVATION
 - PROPOSED MAJOR CONTOURS
 - PROPOSED MINOR CONTOURS
 - PROPOSED SPOT ELEVATION
 - EXISTING PATHWAYS
 - BASIN IDENTIFICATION
 - EXISTING TOP OF BANK
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING UTILITY POLE
 - AGGREGATE SURFACE TO BE INSTALLED AT CONTRACTORS DISCRETION FOR CONSTRUCTION PURPOSES ONLY AND SHALL REMAIN POST-CONSTRUCTION UNLESS OTHERWISE NOTED.
 - SILT FENCE
 - TURBIDITY BARRIER
 - SOIL TRACKING DEVICE
 - PROPOSED LAYDOWN AREA
 - STORMWATER TREATMENT AREA
 - TOB - PROPOSED TOP OF BANK
 - TOE - PROPOSED TOE OF SLOPE
 - FZ - FLOOD ZONE LIMITS



NOTES:
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.



CULPEPPER & TERPENING INC
WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

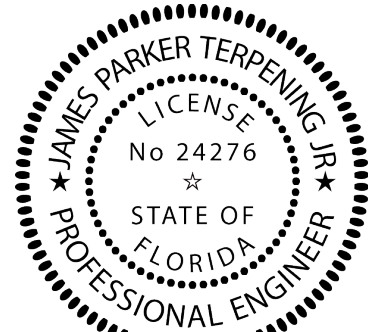
- REVISIONS -

	BY	DATE

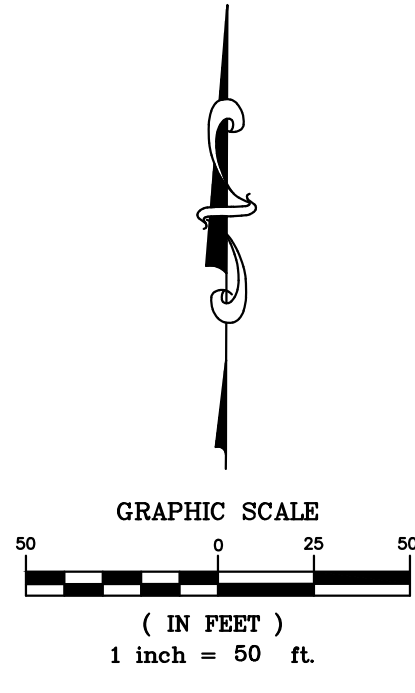
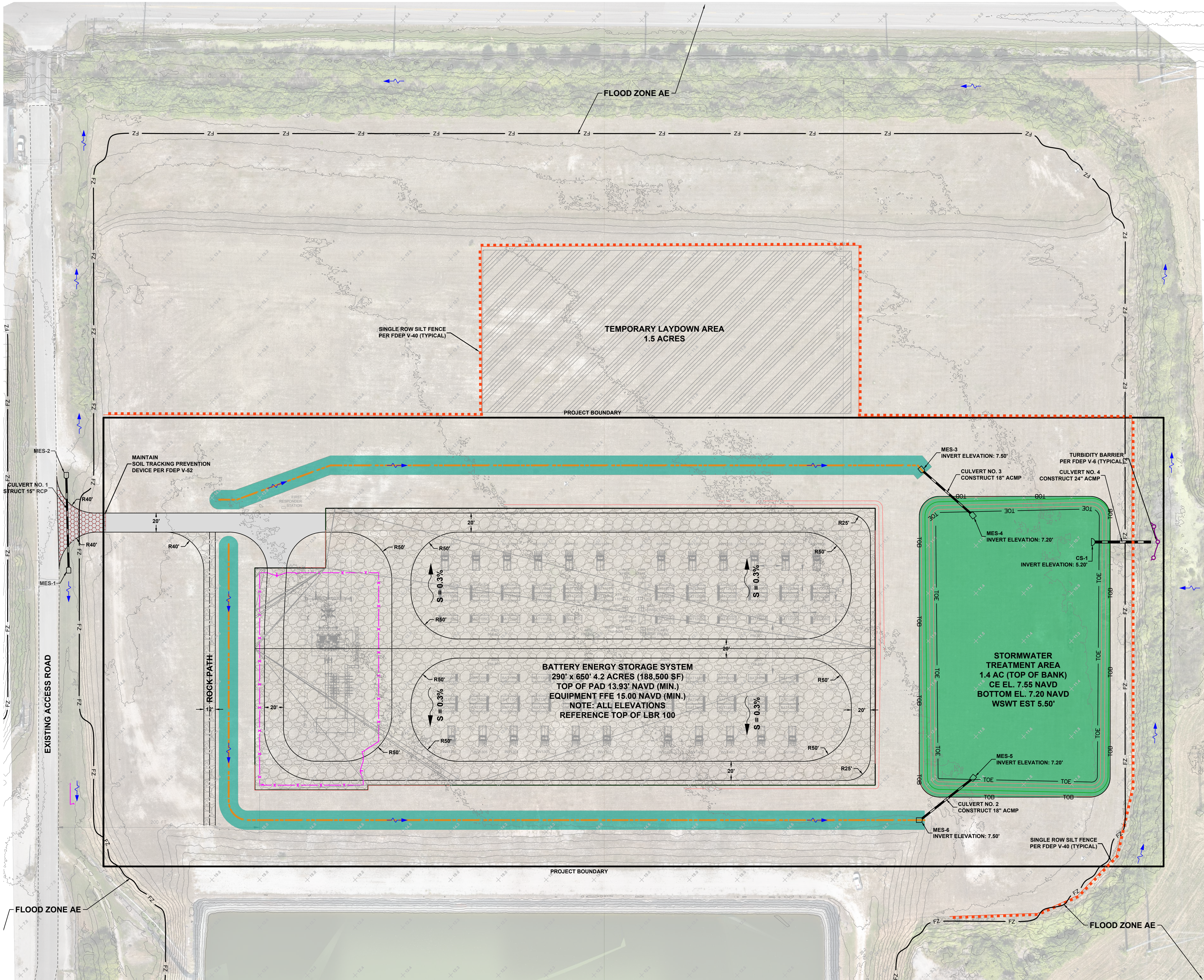
	BY	DATE
DESIGNED	RN	11/3/25
CALCS. AND	AND	11/3/25
DRAWN	RN	11/3/25
DETAILED	RN	11/3/25
CHECKED	JPT/RC	11/3/25
APPROVED	JPT	12/23/25

BIG BEND III BESS
GRADING & DRAINAGE PLAN

DATE: 12/23/25
HORIZ. SCALE: 1"=50'
VERT. SCALE: NA
JOB No: 20-215.005
SHEET 3 of 7



JAMES P. TERPENING JR., P.E., FL. REG. NO. 24276



- LEGEND**
- PROJECT BOUNDARY
 - RIGHT-OF-WAY
 - LOT LINE
 - SETBACK
 - DITCH FLOW ARROW
 - SHEET FLOW ARROW
 - BASIN OUTFALL
 - EXISTING CONCRETE
 - EXISTING CULVERT
 - PROPOSED CULVERT
 - PROPOSED WATER QUALITY SWALE
 - PROPOSED CONVEYANCE SWALE
 - EXISTING CONTROL STRUCTURE
 - PROPOSED INVERTER
 - PROPOSED FENCE
 - EXISTING FENCE
 - EXISTING EASEMENT
 - EXISTING CONTOURS
 - EXISTING ELEVATION
 - PROPOSED MAJOR CONTOURS
 - PROPOSED MINOR CONTOURS
 - PROPOSED SPOT ELEVATION
 - EXISTING PATHWAYS
 - BASIN IDENTIFICATION
 - EXISTING TOP OF BANK
 - EXISTING OVERHEAD UTILITY LINE
 - EXISTING UTILITY POLE
 - AGGREGATE SURFACE TO BE INSTALLED AT CONTRACTORS DISCRETION FOR CONSTRUCTION PURPOSES ONLY AND SHALL REMAIN POST-CONSTRUCTION UNLESS OTHERWISE NOTED.
 - SILT FENCE
 - TURBIDITY BARRIER
 - SOIL TRACKING DEVICE
 - PROPOSED LAYDOWN AREA
 - STORMWATER TREATMENT AREA
 - PROPOSED TOP OF BANK
 - PROPOSED TOE OF SLOPE
 - FLOOD ZONE LIMITS



JAMES P. TERPENING JR., P.E., FL. REG. NO. 24276

NOTES:
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.



CULPEPPER & TERPENING INC
WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

- REVISIONS -		BY	DATE

	BY	DATE
DESIGNED	RN	11/3/25
CALCS. AND	AND	11/3/25
DRAWN	RN	11/3/25
DETAILED	RN	11/3/25
CHECKED	JPT/RC	11/3/25
APPROVED	JPT	12/23/25

BIG BEND III BESS

EROSION & SEDIMENT CONTROL PLAN

DATE: 12/23/25
HORIZ. SCALE: 1"=50'
VERT. SCALE: NA
JOB No: 20-215.005
SHEET 4 of 7

P:\P09-2020\2025\15.005 BESS\BESS-215.005 BESS.dwg Date: 12/23/2025 2:30 PM By: ALEXANDER WILLIAMS

Section 1	Project Name and location information:	Big Bend III BESS
Section 2	Describe the nature of the construction activity:	Battery Energy Storage System
Section 3	Describe the intended sequence of major soil disturbing activities:	0-2 days; install perimeter sediment and erosion controls 3-10 days; clearing and site prep 11-40 days; earthwork - filling & grading 41-120 days; roadway and underground construction
Section 4	Total area of the site:	12.3 Acres
Section 5	Total area of the site to be disturbed:	12.3 Acres
Section 6	Existing data describing the soil or quality of any stormwater discharge from the site:	Soil Types: Basinger, Holopaw, and Samsula soils, depressional; Wabasso fine sand, 0 to 2 percent slopes
Section 7	Estimate the drainage area size for each discharge point:	Outfall = 12.3 Acres
Section 8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	Receiving Water Body: Jackson Branch LAT: N 27°47'28.53" LONG: W 82°23'35.54"
Section 9	Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, FDOT, FDEP, and any subsequent amendments.	
		• Prior to clearing, a silt fence (trenched 6 inches deep and backfilled on the uphill side), may be installed as required. Floating turbidity barrier will be installed to the limits of soil disturbance along the shoreline. • Disturbed portions of the site where construction activities have permanently ceased shall be stabilized with sod or other permanent stabilization methods no later than 60 days after the last construction activity. • All installation shall be commenced as depicted on the attached site map and installation "typicals".
Section 10	Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.	
		• Grassing or mulch shall be used to stabilize all disturbed areas.
Section 11	Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.	
		• Floating turbidity barriers shall be installed within the existing drainage ditch as shown on the plans and in accordance with the Florida Erosion and Sediment Control Manual. • Inlet(s)/Outfalls shall be protected with filter fabric and properly installed geohay inlet filters(with the same installation as indicated under the Best Management Practices heading).
Section 12	Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.	
		No temporary sedimentation basins are proposed as runoff will be directed to permanent surface water management system.
Section 13	Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.	
		• The Project stormwater system that will accept any runoff from the disturbed areas is completed and operational.
Section 14	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.
Section 15	Offsite vehicle tracking from construction entrances/exits:	Off site vehicle tracking of sediments and dust generation will be minimized via a rock construction entrance, street sweeping and the use of water to keep dust down.
Section 16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	Florida-friendly fertilizers and pesticides will be used at a minimum and in accordance with the manufacturer's suggested application rates.
Section 17	The storage, application, generation and migration of all toxic substances:	All paints and other chemicals will be stored in a locked covered shed.
Section 18	Other:	Port-o-lets will be placed away from storm sewer systems, storm inlet(s), surface waters and wetlands. No vehicle maintenance shall be conducted on-site. A washdown area shall be designated at all times and will not be located in any area that will allow for the discharge of polluted runoff.

Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.

Contractor shall provide routine maintenance of permanent and temporary sediment and erosion control features in accordance with the technical specifications or as follows, whichever is more stringent:

- Silt fence shall be inspected at least weekly. Any required repairs shall be made immediately. Sediment deposits shall be removed when they reach approximately one-half the height of the barrier.
- Maintenance shall be performed on the rock entrance when any void spaces are full of sediment.
- Inlet(s)/outfalls shall be inspected immediately after each rain event and any required repairs to the filter inlets, silt fence, or filter fabric shall be performed immediately.
- Bare areas of the site that were previously seeded shall be reseeded per manufactures' instructions
- Mulch and sod that has been washed out shall be replaced immediately.
- Maintain all other areas of the site with proper controls as necessary.

Inspections: Describe the inspection and inspection documentation procedures, as required by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.

Qualified personnel will inspect all points of discharges, all disturbed areas of construction that have not been stabilized, constructed areas and locations where vehicles enter and exit the site, and all BMPs at least once every 7 calendar days and within 24 hours of the end of a rainfall event that is 0.5 inches or greater. Where sites have been finally stabilized, said inspections shall be conducted at least once every month until the Notice of Termination is filed.

Identify and describe all sources of non-stormwater discharges as allowed by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.

It is expected that no non-stormwater discharges will occur from the site during construction period:

All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:

"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."

Name	Title	Company Name, Address and Phone Number	Date

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL; LATEST EDITION: JULY 2013

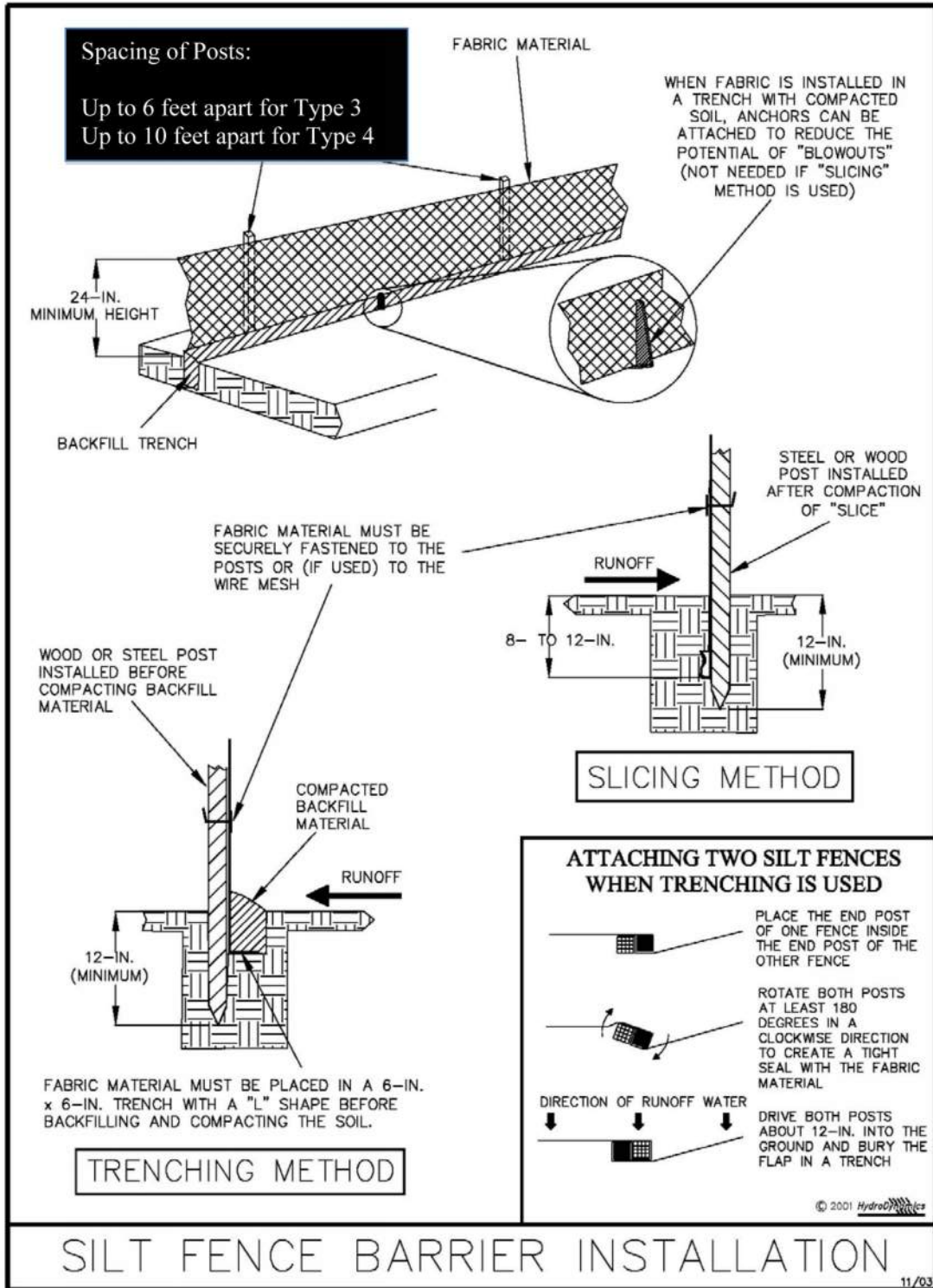


Figure V-2: Illustration of a Silt Fence Barrier

SILT FENCE BARRIER INSTALLATION V-2 NOT TO SCALE

STATE OF FLORIDA EROSION & SEDIMENT CONTROL - DESIGNER & REVIEWER MANUAL

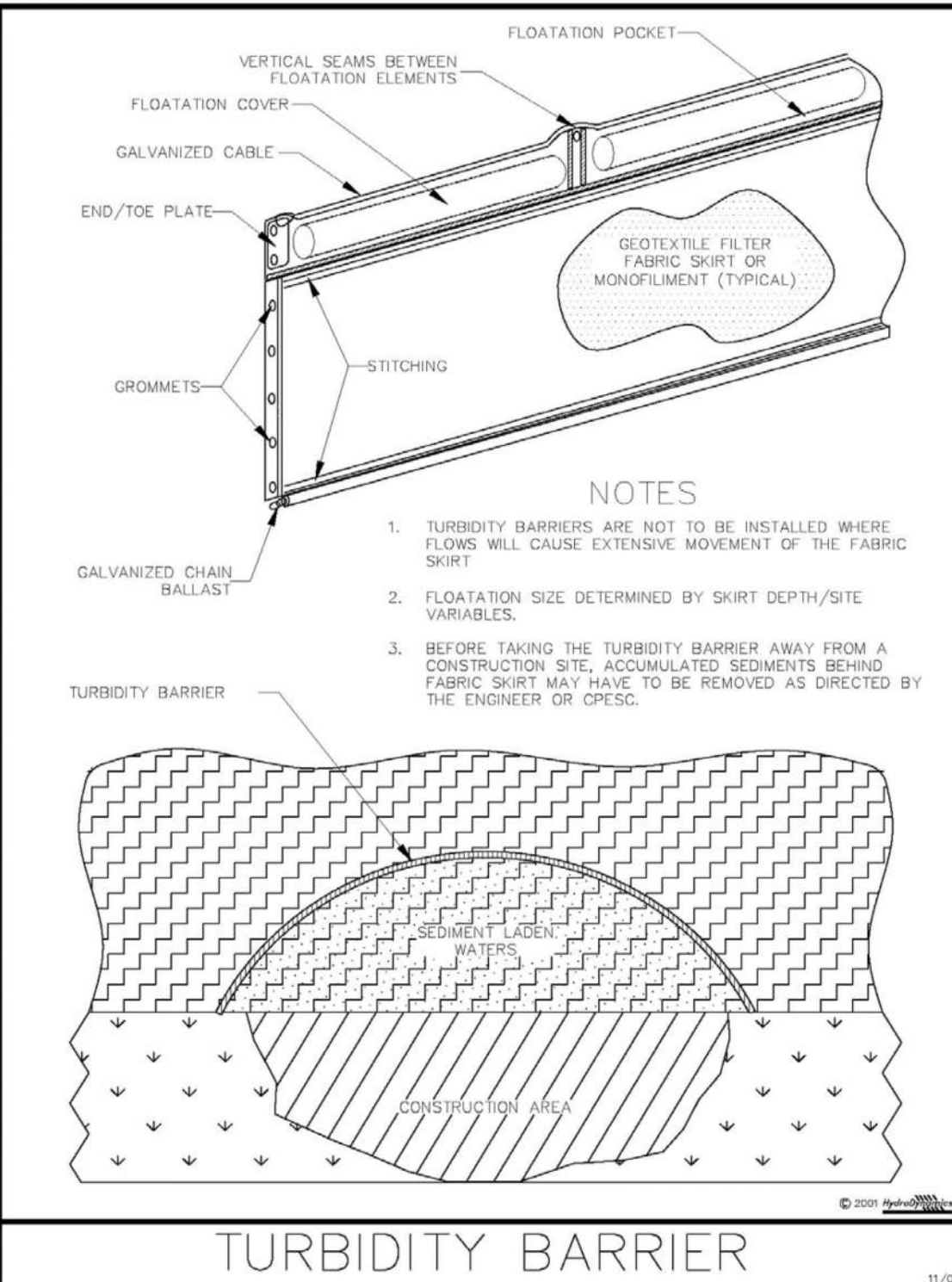
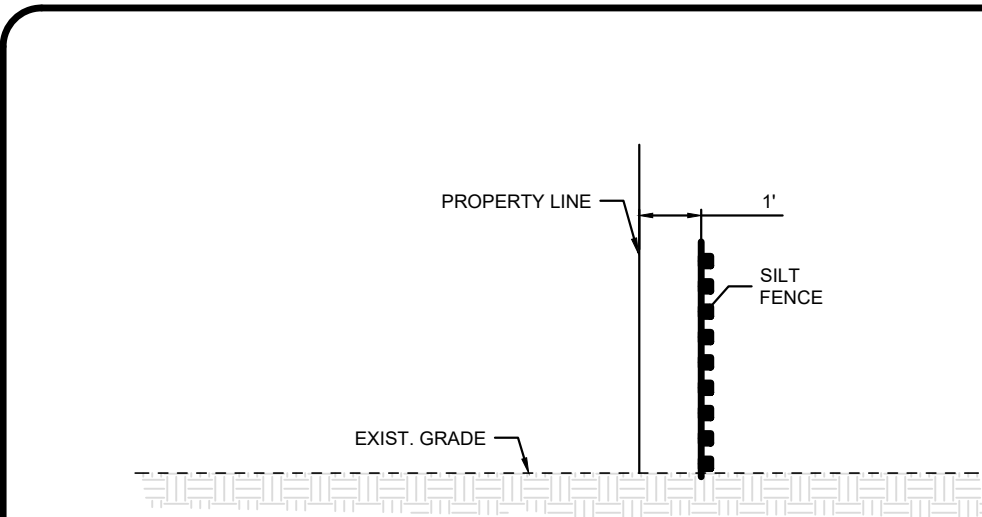


Figure V-6: Illustration of a Turbidity Barrier Curtain

TURBIDITY BARRIER V-6 NOT TO SCALE



PROPERTY LINE DETAIL NOT TO SCALE

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL; LATEST EDITION: JULY 2013

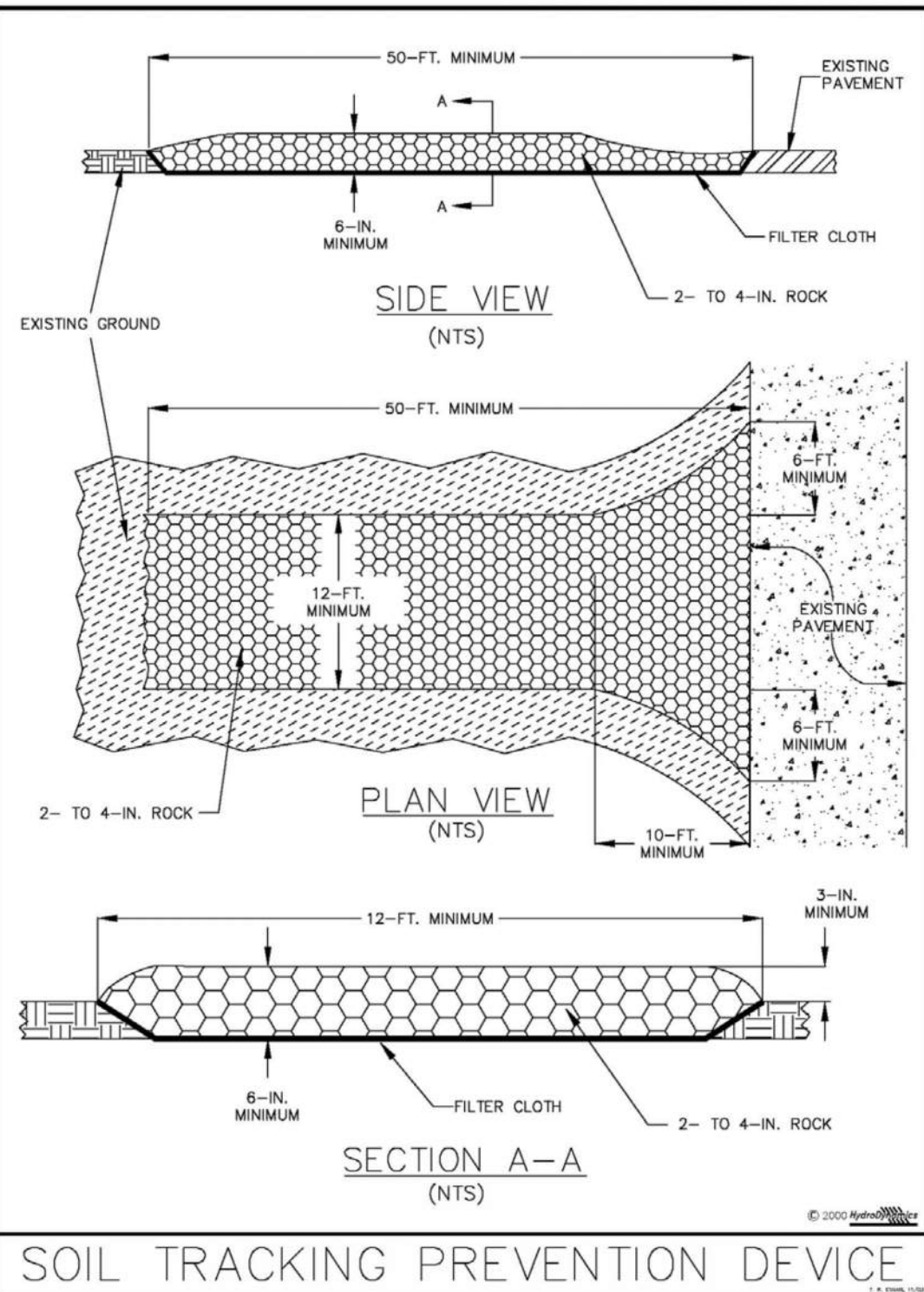
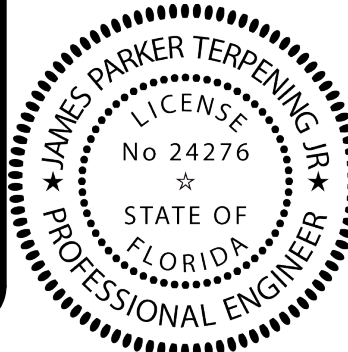


Figure V-19: Illustration of a Soil Tracking Prevention Device

SOIL TRACKING PREVENTION DEVICE V-19 NOT TO SCALE



JAMES P. TERPENING JR., P.E., FL. REG. NO. 24276

NOTES:
1) ALL ELEVATIONS AND
BENCHMARKS SHOWN
HEREON ARE RELATIVE
TO THE NORTH
AMERICAN VERTICAL
DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.



**CULPEPPER &
TERPENING INC**

WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

- REVISIONS -	BY	DATE
..	-	-
..	-	-
..	-	-
..	-	-
..	-	-
..	-	-
..	-	-

	BY	DATE
DESIGNED	RN	11/3/25
CALCS.	AND	11/3/25
DRAWN	RN	11/3/25
DETAILED	RN	11/3/25
CHECKED	JPT/RC	11/3/25
APPROVED	JPT	12/23/25

BIG BEND III BESS EROSION & SEDIMENT CONTROL DETAILS

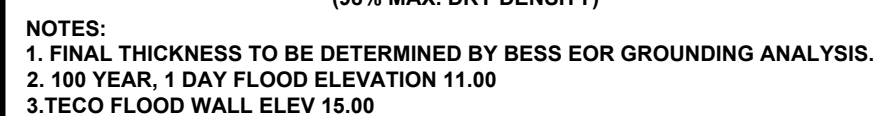
DATE: 12/23/25
HORIZ. SCALE: NA
VERT. SCALE: NA
JOB No: 20-215.005
SHEET 5 of 7



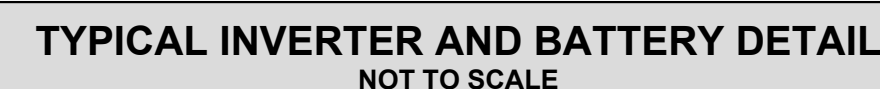
ACCESS PATH - 20 FOOT
NOT TO SCALE



INTERIOR ACCESS PATH - 20 FOOT
NOT TO SCALE



BATTERY ENERGY STORAGE SYSTEM PAD
NOT TO SCALE



The image contains two technical drawings of pipe sections, labeled 'VIEW-SINGLE PIPE' and 'VIEW-MULTIPLE PIPE'. Both drawings show a cross-section of a pipe with a concrete seal. The 'VIEW-SINGLE PIPE' drawing shows a single pipe with a concrete seal of 3" or 5-1/2" thick, reinforced with #4 E-W steel. The 'VIEW-MULTIPLE PIPE' drawing shows multiple pipes with a concrete seal of 3" or 5-1/2" thick, reinforced with #4 E-W steel. Both drawings include dimensions for the pipe diameter (D), the seal thickness (T), and the reinforcement spacing (S). The drawings also include notes about the reinforcement being welded in round corners and the use of standard pipe flanges.

VIEW-SINGLE PIPE

CONCRETE SEAL 3" OR 5-1/2" THICK
REINFORCED WITH #4 E-W STEEL

VIEW-MULTIPLE PIPE

CONCRETE SEAL 3" OR 5-1/2" THICK
REINFORCED WITH #4 E-W STEEL

SECTION

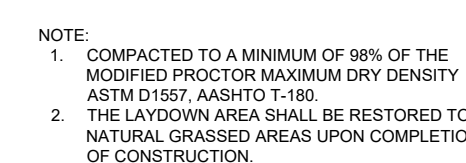
NOTES: SEE STANDARD PIPING SIZES 42-20" AND 42-30" FOR ADDITIONAL INFORMATION AND SADDL. SEE ADDITIONAL NOTES.

MITERED END DETAIL
NOT TO SCALE

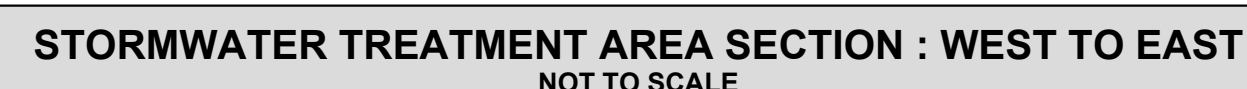


1. ALL ALUMINUM SURFACES OF THE FLASHBOARD RISERS AND ASSOCIATED CULVERTS THAT WILL BE IN CONTACT WITH AGGREGATE SHALL BE COATED TO PREVENT DIRECT CONTACT BETWEEN ALUMINUM AND CEMENTATION MATERIALS.
2. CONTRACTOR SHALL PROVIDE FLASHBOARD RISER SHOP DRAWINGS TO FPL AND ENGINEER FOR REVIEW AND APPROVAL.
3. CONTRACTOR'S RISER FABRICATOR IS RESPONSIBLE FOR DESIGN OF RISER REINFORCEMENT.
4. THEIR DIMENSIONS AND ELEVATIONS ARE SUBJECT TO CHANGE TO MATCH FIELD CONDITIONS.

FLASHBOARD RISER DETAIL (CS-1)
NOT TO SCALE



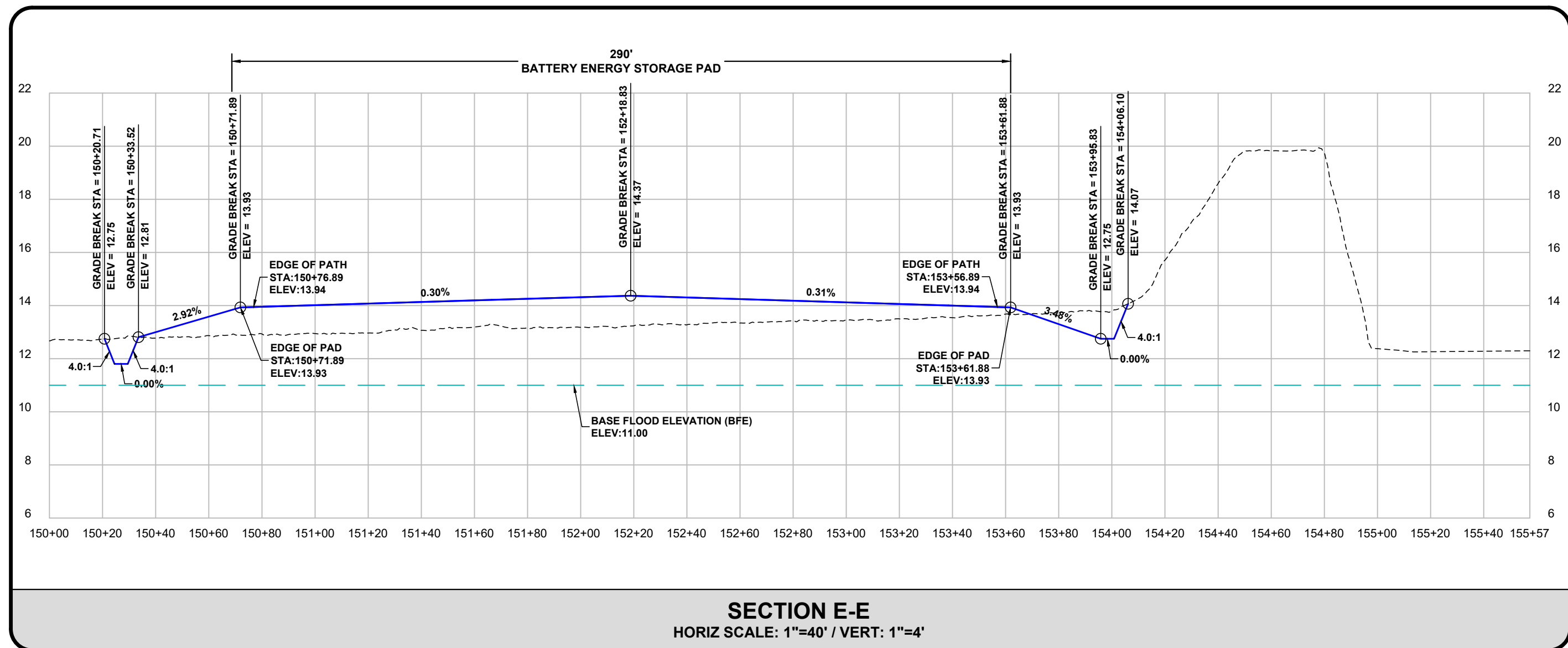
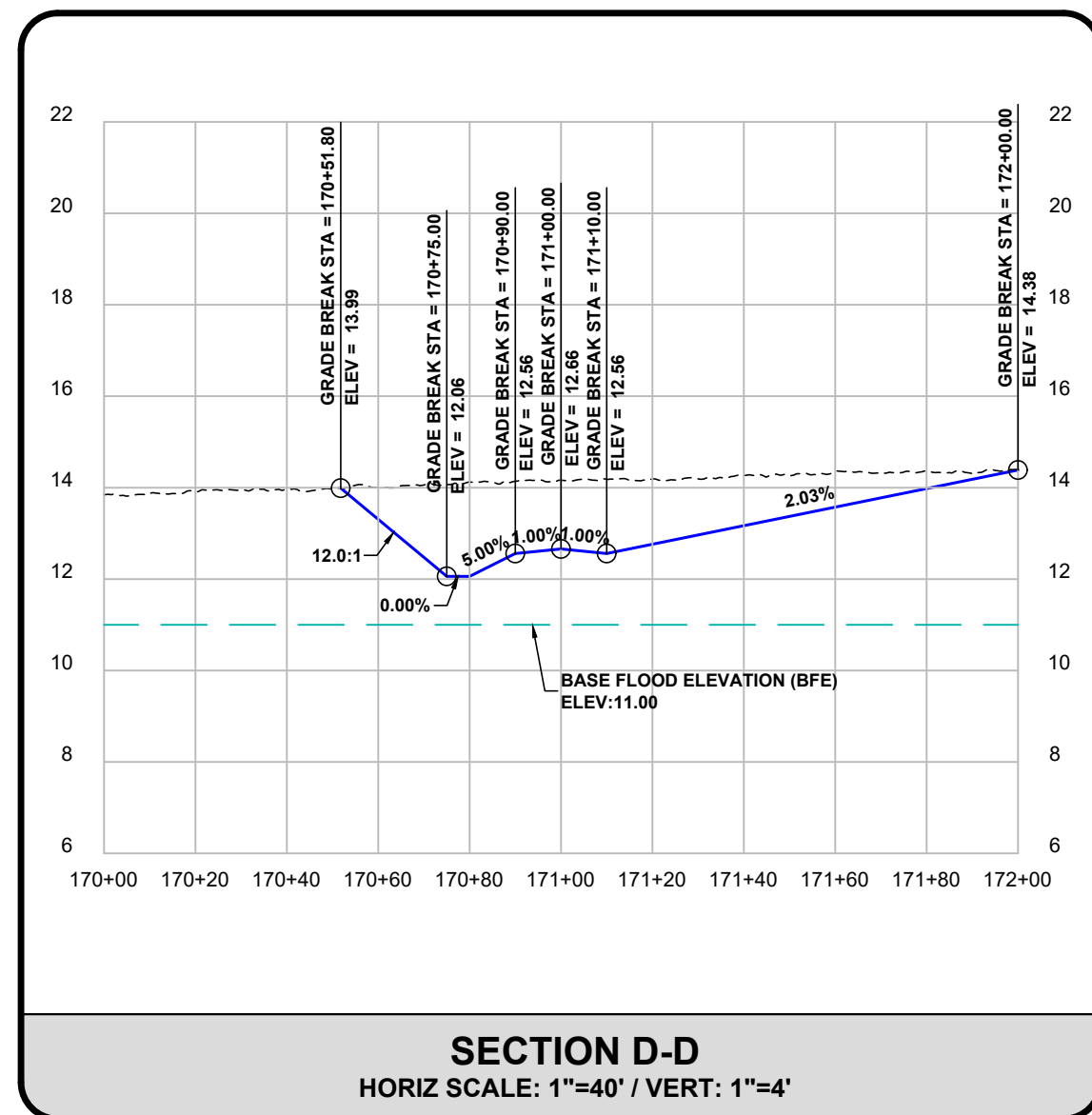
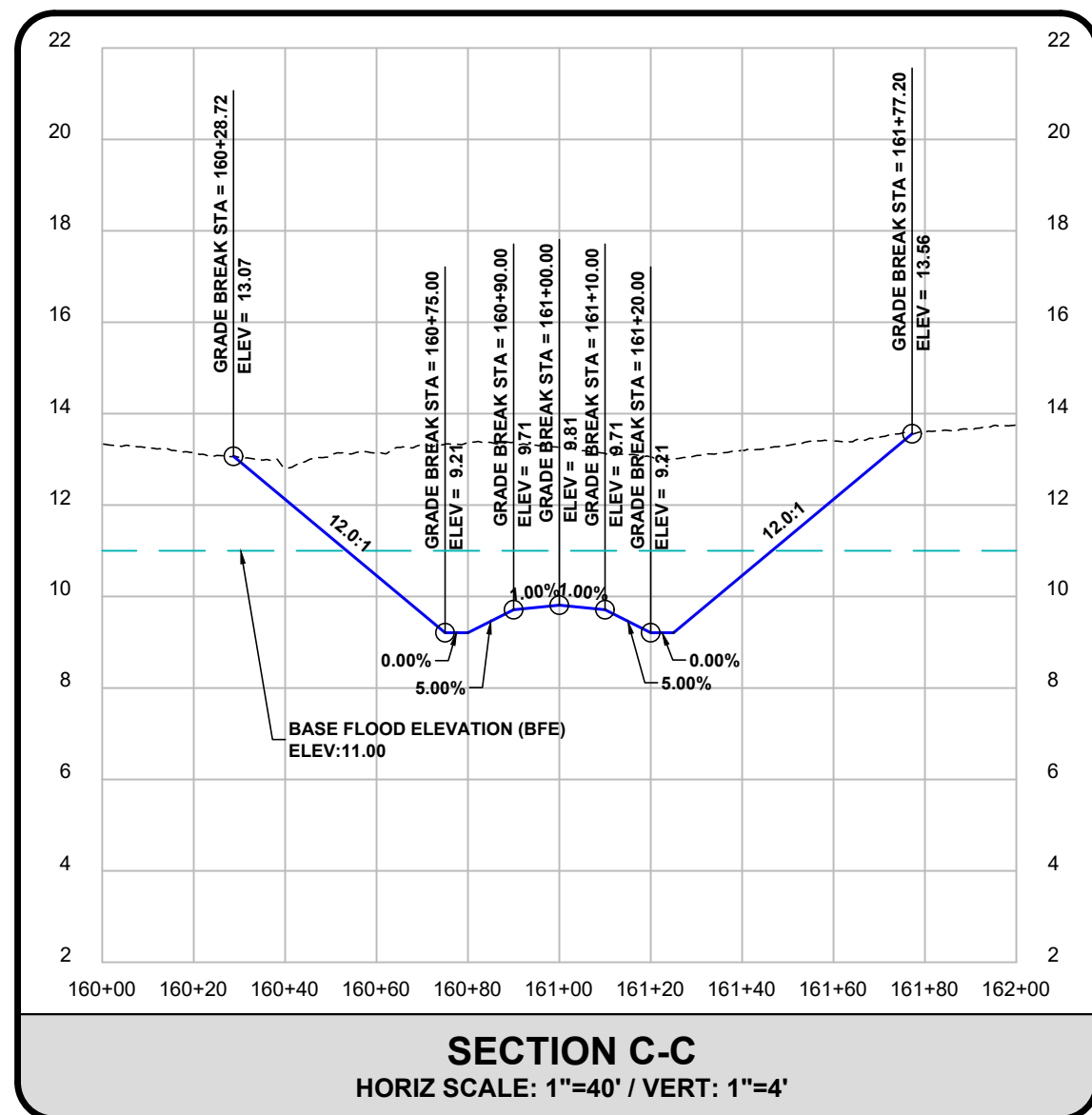
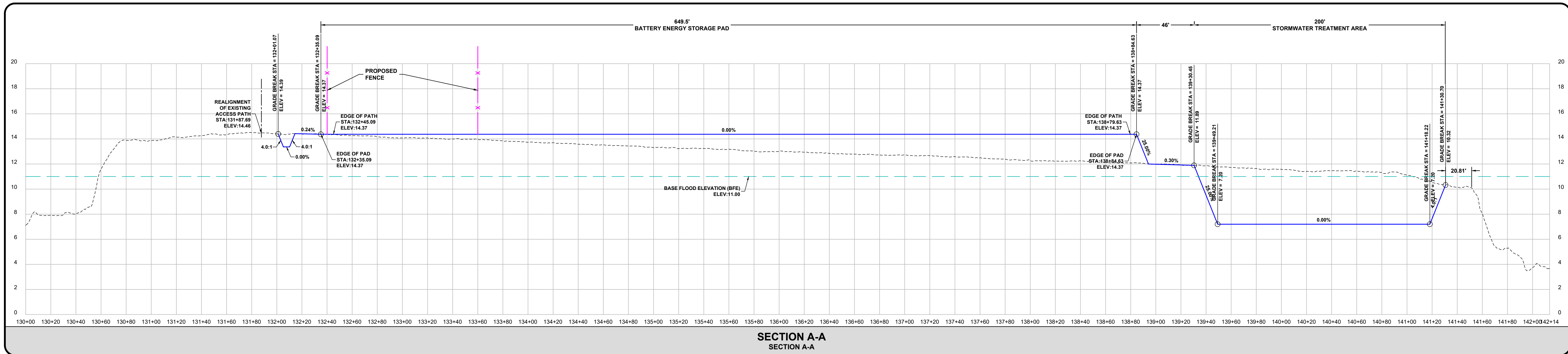
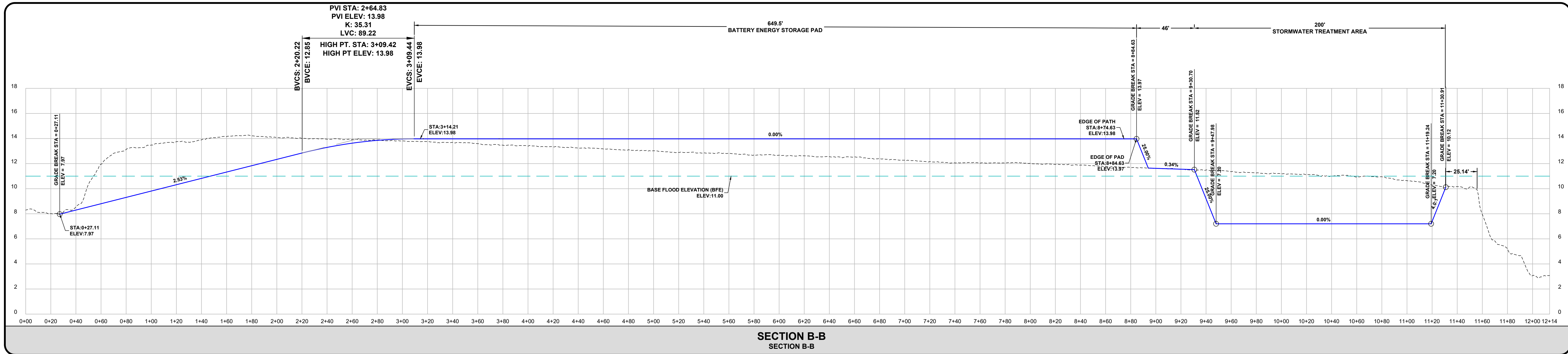
TYPICAL LAYDOWN AREA
NOT TO SCALE



DATE: 12/23/25
HORIZ. SCALE: NA
VERT. SCALE: NA
JOB No. 20-215.005
SHEET 6 of 7

JAMES P. TERPENING JR., P.E. FL. REG. NO. 2427

P:\Proj\2020\2021\1005_TECO - Big Bend III BESS\Fig\BESS\Stormwater\20-215.005 Proposed Surface.dwg Date: 12/23/2025 2:31 PM By: ALEXANDER WILLIAMS



JAMES P. TERPENING JR., P.E., FL. REG. NO. 24276

NOTES:
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.



CULPEPPER & TERPENING INC
WWW.CT-ENG.COM
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS
AUTHORIZATION NO. 4286

- REVISIONS -		BY	DATE
..	..	..	..
..	..	..	..
..	..	..	..
..	..	..	..
..	..	..	..
..	..	..	..

	BY	DATE
DESIGNED	RN	11/3/25
CALCS. AND	11/3/25	
DRAWN	RN	11/3/25
DETAILED	RN	11/3/25
CHECKED	JPT/RC	11/3/25
APPROVED	JPT	12/23/25

BIG BEND III BESS	
DETAILS & TYPICAL SECTIONS	
DATE: 12/23/25	
HORIZ. SCALE: 1"=40'	
VERT. SCALE: 1"=4'	
JOB No: 20-215.005	
SHEET 7 of 7	