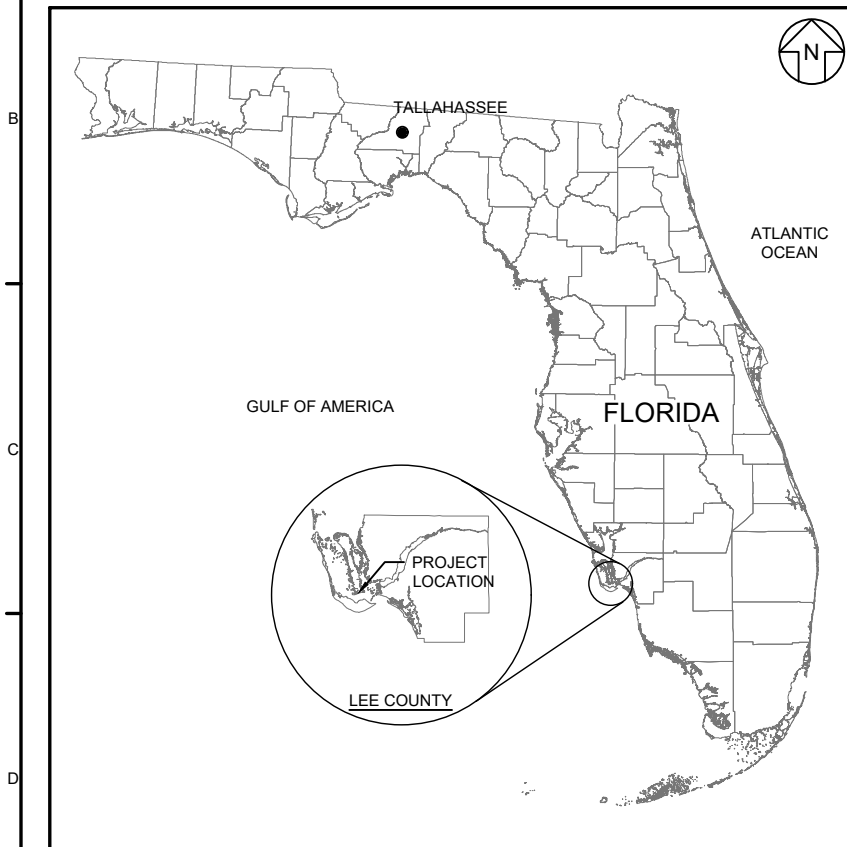
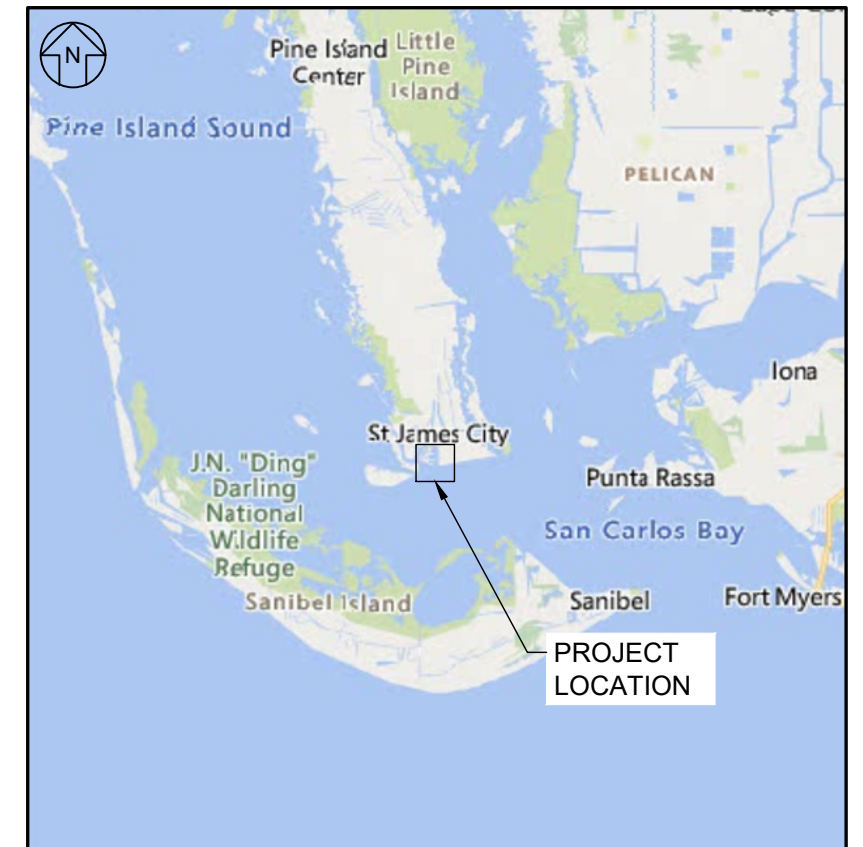


[illegible]

**VICINITY MAP**  
NOT TO SCALE

| DRAWING LIST |                                      |
|--------------|--------------------------------------|
| NUMBER       | TITLE                                |
| 1            | TITLE SHEET                          |
| 2            | NOTES                                |
| 3            | SITE LAYOUT                          |
| 4            | PLAN VIEW - HENLEY CANAL             |
| 5            | PLAN VIEW - MATERIAL PLACEMENT       |
| 6            | CROSS SECTIONS I - HENLEY CANAL      |
| 7            | CROSS SECTIONS II - HENLEY CANAL     |
| 8            | EROSION AND SEDIMENT CONTROL DETAILS |



**LOCATION MAP**  
SCALE: 1" = 4 MILES

PREPARED BY:



engineers | scientists | innovators

2056 VISTA PARKWAY, SUITE 280  
WEST PALM BEACH, FL 33411 USA  
TELEPHONE: 561.659.0041

PREPARED FOR:



200 EAST MIAMI AVENUE  
VENICE, LF 34285  
TELEPHONE: 941.485.9402

ISSUE FOR BID  
CONSTRUCTION DRAWING

|                                                                                                                                                                                                                          |  |                                                                                               |  |                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|--|--------------------------------------|--|
|  <p>2056 VISTA PARKWAY, SUITE 200<br/>WEST PALM BEACH, FL 33411 USA<br/>TEL: 561.831.5000 FAX: 561.831.5001<br/>WWW.GEOSYNTEC.COM</p> |  | <p><b>PROJECT:</b> MAINTENANCE DREDGING</p> <p><b>SITE:</b> HENLEY CANAL - LEE COUNTY, FL</p> |  | <p><b>TITLE SHEET</b></p>            |  |
| <p><b>DRAWING NO.:</b> 1 OF 8</p>                                                                                                                                                                                        |  | <p><b>FILE:</b> AT25-430.02_01</p>                                                            |  | <p><b>PROJECT NO.:</b> AT25-4300</p> |  |
| <p><b>DATE:</b> 8 JULY 2025</p>                                                                                                                                                                                          |  | <p><b>DATE:</b> 8 JULY 2025</p>                                                               |  | <p><b>DATE:</b> 8 JULY 2025</p>      |  |
| <p><b>DESIGN BY:</b> RBN</p>                                                                                                                                                                                             |  | <p><b>CHECKED BY:</b> RBN</p>                                                                 |  | <p><b>REVIEWED BY:</b> M/JG</p>      |  |
| <p><b>DRAWN BY:</b> JWO</p>                                                                                                                                                                                              |  | <p><b>SIGNATURE:</b></p>                                                                      |  | <p><b>DATE:</b></p>                  |  |
| <p><b>APPROVED BY:</b> RBN</p>                                                                                                                                                                                           |  | <p><b>DATE:</b></p>                                                                           |  | <p><b>DESCRIPTION:</b></p>           |  |
| <p><b>REV:</b></p>                                                                                                                                                                                                       |  | <p><b>DATE:</b></p>                                                                           |  | <p><b>DESCRIPTION:</b></p>           |  |

## CONSTRUCTION NOTES

1. WCIND & LEE COUNTY INTEND TO MAINTENANCE DREDGE HENLEY CANAL TO RESTORE STORM IMPACTS IN ACCORDANCE WITH THE APPROPRIATE STATE AND FEDERAL AUTHORIZATIONS. CARE SHALL BE TAKEN TO FULFILL FULL COMPLIANCE WITH THE CONDITIONS PROVIDED IN THE AUTHORIZATIONS / PERMITS.
2. NOTIFICATION OF ANY OBSERVED NON-COMPLIANT REGULATORY ISSUE SHALL BE PROVIDED TO THE WCIND, LEE COUNTY, AND GEOSYNTEC PROJECT MANAGERS AT THE EARLIEST OPPORTUNITY AND NO LATER THAN 7 DAYS FROM THE DATE OF ACKNOWLEDGMENT.
3. THE BATHYMETRY PRESENTED HEREIN REPRESENTS CONDITIONS SURVEYED IN JUNE 2024 BY AIM ENGINEERING & SURVEYING INC. AND MAY NOT REPRESENT CURRENT CONDITIONS AT THE TIME OF CONSTRUCTION.
4. THE ELEVATIONS REFERENCED HEREIN ARE BASED ON MEAN LOW WATER DATUM AT NOAA TIDE STATION 8725391 PUNTA RASSA, SAN CARLOS BAY, FL., TIDAL EPOCH 1983-2001 AND SHOWN IN FEET.
  - A. MLW = 0.00 FT
  - B. NAVD88 = +1.40 FT
  - C. MHW = +1.71 FT
5. HORIZONTAL COORDINATES SHOWN HEREIN REFERENCE FLORIDA STATE PLANE WEST (0902) NAD 83/90 US SURVEY FEET.
6. ALL DREDGING SHALL BE PERFORMED WITHIN THE LIMITS DESIGNATED, INCLUSIVE OF THE OVERDREDGE TOLERANCE. ANY EXCEEDANCE OF THE LIMITS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. DREDGING OPERATIONS SHALL ADHERE TO THE FWS MANATEE GUIDELINES FOR IN-WATER WORK. ALL WORK VESSELS SHALL STOP IF A MANATEE IS OBSERVED WITHIN 50-FT AND SHALL NOT RESUME UNTIL ALL MANATEE HAVE LEFT THE AREA ON THEIR OWN ACCORD.
8. DREDGING OPERATIONS SHALL MAINTAIN A 10-FT BUFFER FROM UPLAND STRUCTURES, INCLUDING SEAWALLS AND BULKHEADS AND A 5-FT BUFFER FROM ALL PILINGS, DOCKS, AND PIERS.
9. DREDGING OPERATIONS SHALL BE LIMITED TO DAYTIME HOURS (SUNRISE TO SUNSET), MONDAY THROUGH FRIDAY.
10. DREDGING OPERATIONS SHALL NOT PROHIBIT NAVIGATION ACTIVITIES BY OTHERS.
11. ALL VESSELS ASSOCIATED WITH THE MAINTENANCE DREDGING SHALL MAINTAIN THE PROPER USCG DAY MARKERS AND LIGHTS FOR THE WORK BEING PERFORMED. FAILURE TO MAINTAIN THE PROPER MARKINGS SHALL BE GROUNDS FOR REMOVAL FROM THE PROJECT.
12. WORK VESSELS SHALL NOT BE ALLOWED TO STAGE OVERNIGHT UNLESS PROPERLY AUTHORIZED AND SECURED TO A DOCK, PILE, OR MOORING SYSTEM.
13. THE CONTRACTOR SHALL PROVIDE A PRE- AND POST DREDGE SURVEY FOR THE PURPOSE OF CALCULATING DREDGE VOLUMES. THE SURVEY SHALL BE CONDUCTED BY AN INDEPENDENT 3rd PARTY SURVEYOR LICENSED IN THE STATE OF FLORIDA, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY STAGING AREAS, INCLUDING EQUIPMENT ACCESS TO THE SITE.
15. CONTRACTOR SHALL ADHERE TO THE PDC'S (PROJECT DESIGN CRITERIA) PROVIDED IN APPENDIX F OF THE TECHNICAL SPECIFICATIONS.
16. CONTRACTOR SHALL PROVIDE A SILT FENCE PLAN AS PART OF THE EROSION & SEDIMENT CONTROL PLAN. THE PLAN SHALL PROVIDE THE SILT FENCE INSTALLATION LOCATIONS IN ACCORDANCE WITH THE CONTRACTOR SELECTED PLACEMENT FACILITY. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE TECHNICAL DETAILS SHOWN IN THESE DRAWINGS.
17. AERIAL PHOTOGRAPHY PROVIDED BY LEE COUNTY AND DATED JANUARY - MARCH 2024.

| HENLEY CANAL |            |            |
|--------------|------------|------------|
| P.I. STATION | NORTHING   | EASTING    |
| 0+00.00      | 782,871.04 | 629,383.53 |
| 8+00.00      | 783,669.85 | 629,339.93 |
| 11+00.00     | 783,969.85 | 629,338.95 |
| 14+00.00     | 784,269.76 | 629,331.68 |
| 16+00.00     | 784,469.76 | 629,331.60 |
| 19+50.00     | 784,819.48 | 629,317.65 |
| 20+75.00     | 784,944.33 | 629,323.75 |
| 23+40.00     | 785,209.28 | 629,318.68 |

|         | Vol to Next (CY) |            |       | Cumulative Volume to Next (CY) |            |       |
|---------|------------------|------------|-------|--------------------------------|------------|-------|
| Station | Design           | Overdredge | Total | Design                         | Overdredge | Total |
| 6+50    | 20.4             | 98.8       | 119.2 | 20                             | 99         | 119   |
| 7+00    | 29.9             | 102.6      | 132.5 | 50                             | 201        | 252   |
| 7+50    | 20.8             | 96.7       | 117.4 | 71                             | 298        | 369   |
| 8+00    | 11.1             | 85.8       | 96.9  | 82                             | 384        | 466   |
| 8+50    | 32.0             | 86.3       | 118.4 | 114                            | 470        | 584   |
| 9+00    | 74.6             | 86.9       | 161.5 | 189                            | 557        | 746   |
| 9+50    | 68.6             | 77.7       | 146.3 | 257                            | 635        | 892   |
| 10+00   | 43.1             | 68.3       | 111.3 | 300                            | 703        | 1004  |
| 10+50   | 38.4             | 59.8       | 98.2  | 339                            | 763        | 1102  |
| 11+00   | 37.3             | 61.8       | 99.1  | 376                            | 825        | 1201  |
| 11+50   | 54.8             | 67.1       | 122.0 | 431                            | 892        | 1323  |
| 12+00   | 88.2             | 68.6       | 156.8 | 519                            | 960        | 1480  |
| 12+50   | 91.6             | 66.3       | 157.9 | 611                            | 1027       | 1637  |
| 13+00   | 55.9             | 58.6       | 114.5 | 667                            | 1085       | 1752  |
| 13+50   | 16.0             | 45.2       | 61.2  | 683                            | 1130       | 1813  |
| 14+00   | 2.5              | 26.4       | 28.8  | 685                            | 1157       | 1842  |
| 14+50   | —                | —          | —     | 685                            | 1157       | 1842  |

**Geosyntec**  
**consultants**  
2056 VISTA PARKWAY, SUITE 280

NOTES

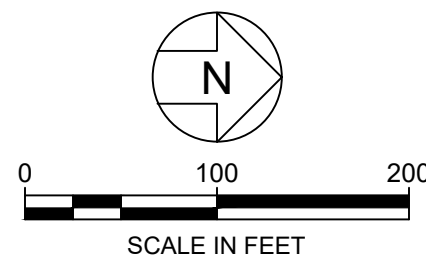
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|--------------|----------|
| PROJECT NO.: | AT25     |
| DATE:        | 8 JULY   |
| FILE:        | AT25-430 |

DRAWING NO.:  
2 OF 3

ISSUE FOR BID  
CONSTRUCTION DRAWING



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| LEGEND |                                             |
|--------|---------------------------------------------|
|        | ALIGNMENT AND POINTS OF INTERSECTION (P.I.) |
|        | TOE OF PROPOSED CHANNEL                     |
|        | CHANNEL LIMIT                               |
|        | NAVIGATION MARKERS                          |
|        | DREDGE AREA                                 |

ISSUE FOR BID  
CONSTRUCTION DRAWING

|                                     |  |                                        |     |                        |             |
|-------------------------------------|--|----------------------------------------|-----|------------------------|-------------|
| TITLE: PLAN VIEW - HENLEY CANAL     |  | DESIGN BY: RBN                         | RBN | DATE: 8 JULY 2025      | DATE        |
| PROJECT: MAINTENANCE DREDGING       |  | DRAWN BY: JVO                          | JVO | PROJECT NO.: AT25-4300 | PROJECT NO. |
| SITE: HENLEY CANAL - LEE COUNTY, FL |  | CHECKED BY: RBN                        | RBN | FILE: AT25-430.02_04   | FILE        |
|                                     |  | REVIEWED BY: MJG                       | MJG | DRAWING NO.: 4 OF 8    | DRAWING NO. |
|                                     |  | APPROVED BY: RBN                       | RBN |                        |             |
|                                     |  | SIGNATURE                              |     | DATE                   | DATE        |
|                                     |  | PROJECT'S SEAL, P.E. LICENSE NO. 58986 |     |                        |             |



**OFFLOAD / TRANSFER SITE**  
SCALE" 1" = 1,000'

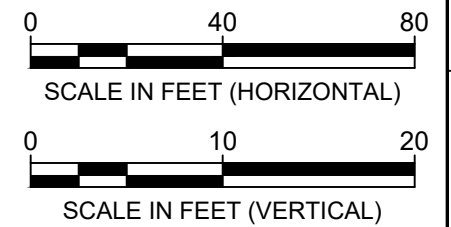
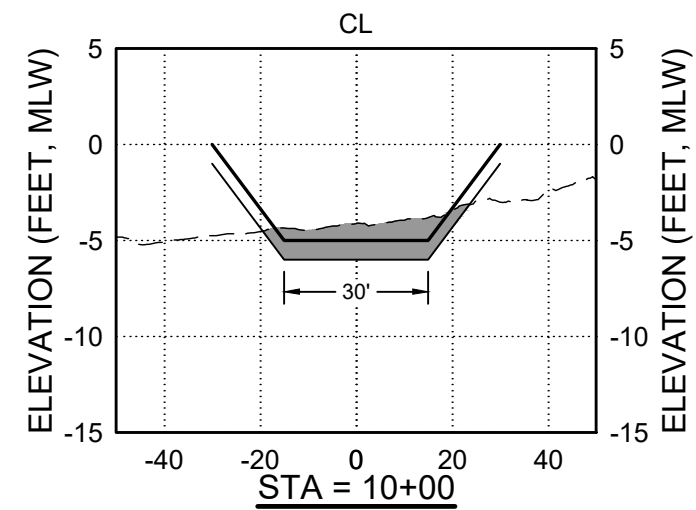
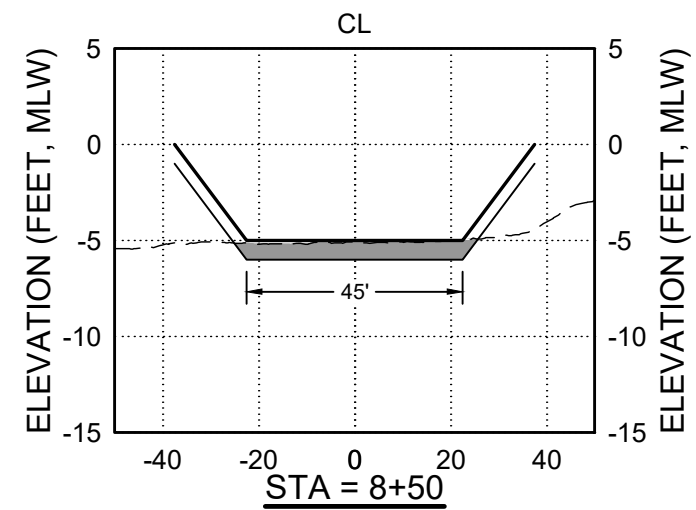
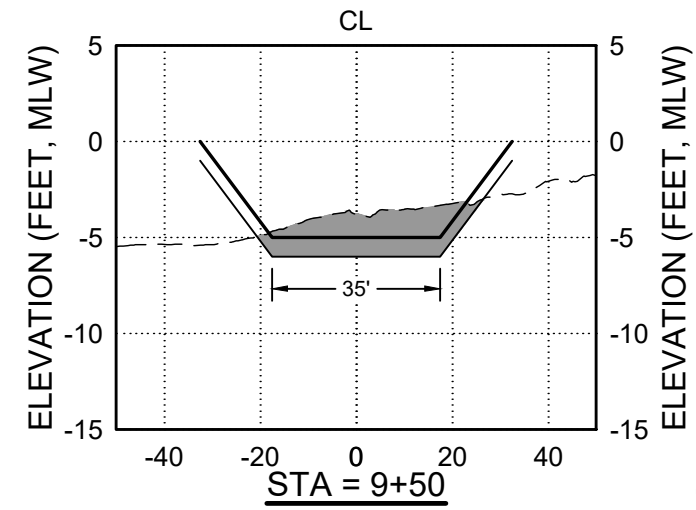
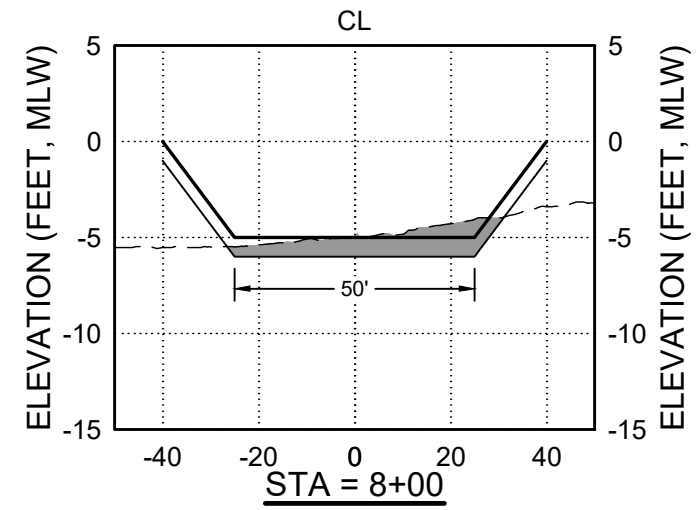
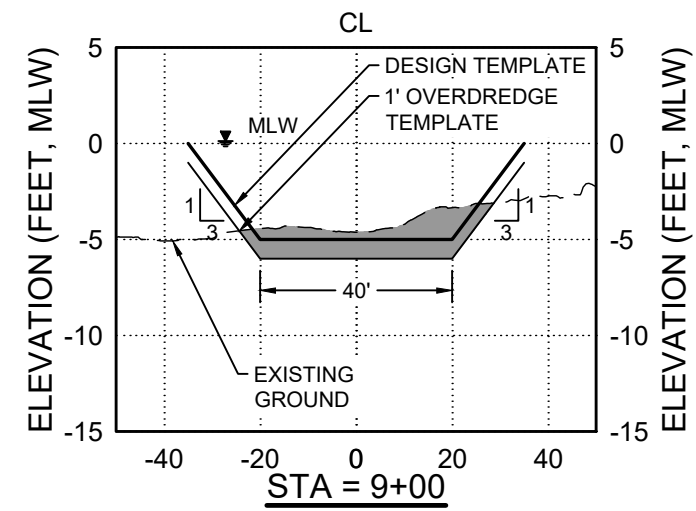


**PLACEMENT SITE**  
SCALE" 1" = 2,000'

- NOTE:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ANY AND ALL MATERIAL TRANSFER AND FINAL PLACEMENT SITES. WCIND SHALL PROVIDE CONTACT INFORMATION FOR THE ANTICIPATED SITES TO BE USED. HOWEVER, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY ARRANGEMENTS, INCLUDING SITE RESTORATION.

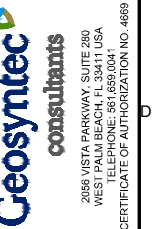
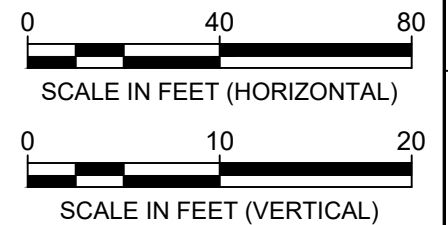
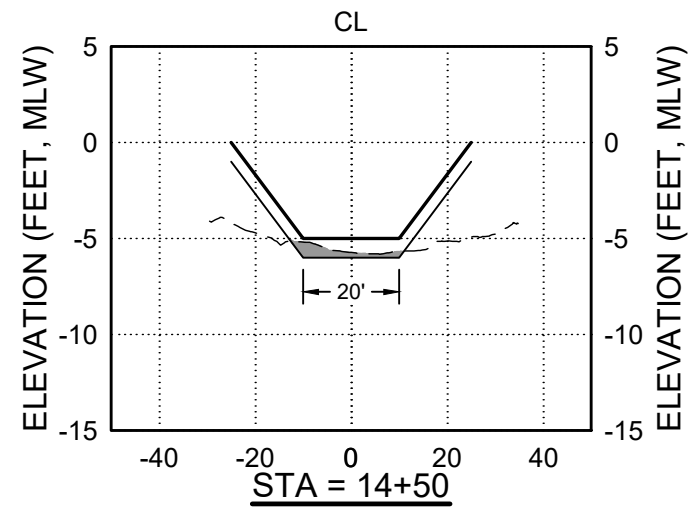
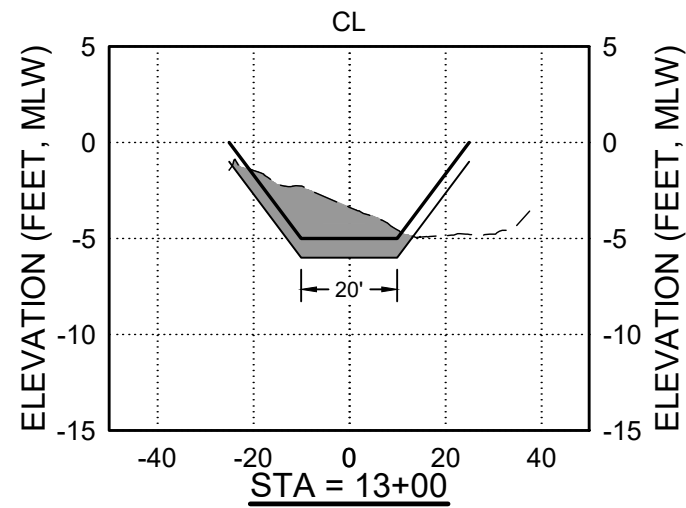
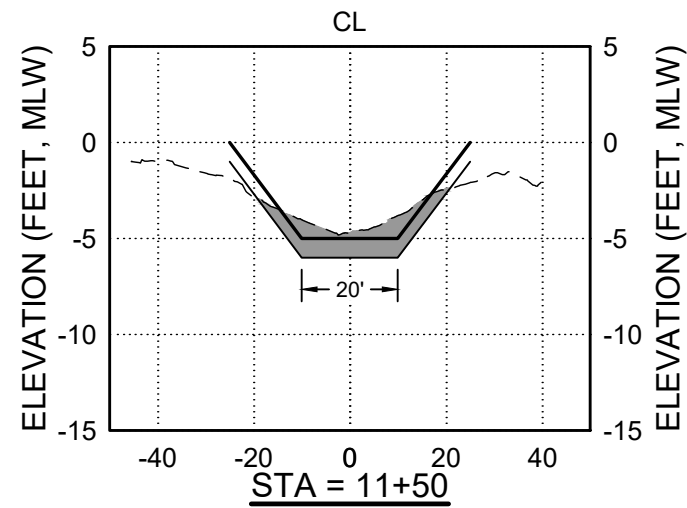
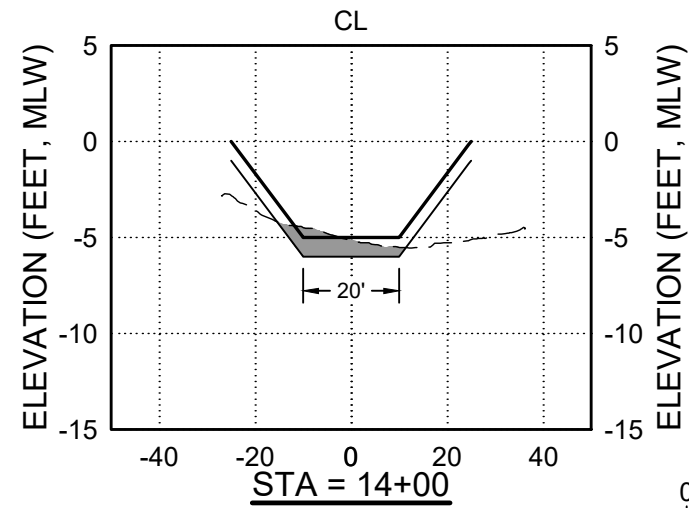
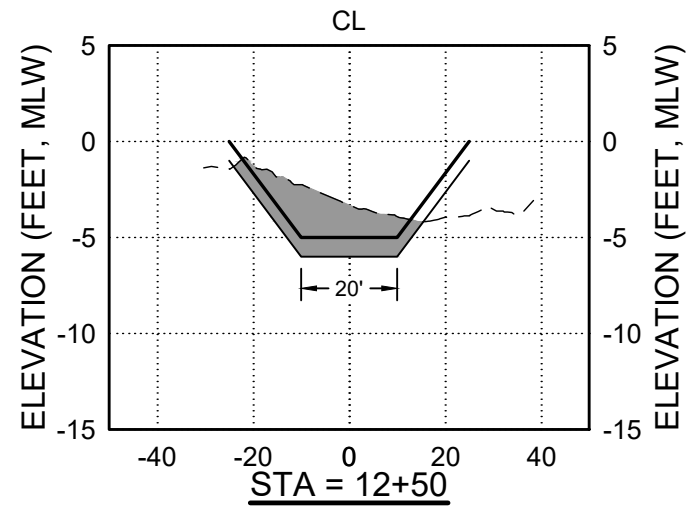
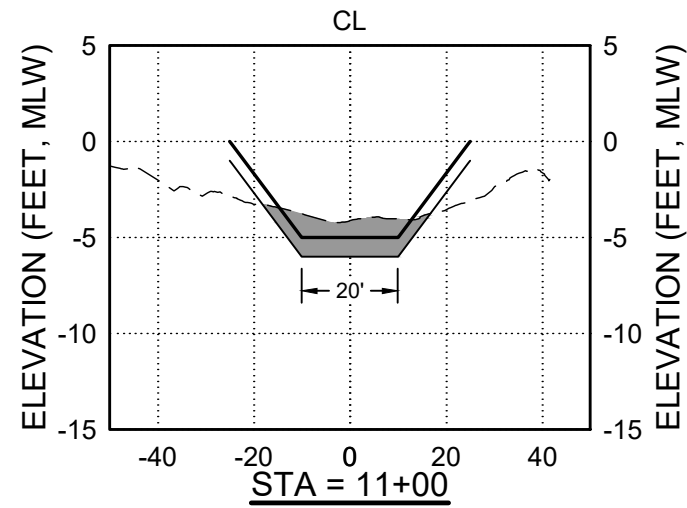
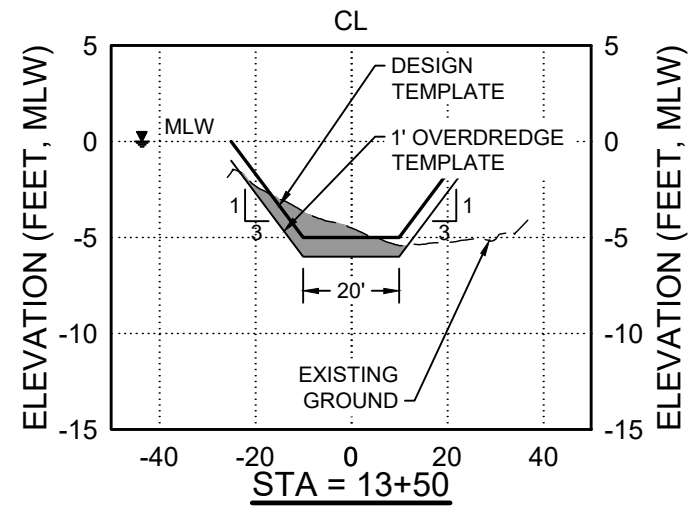
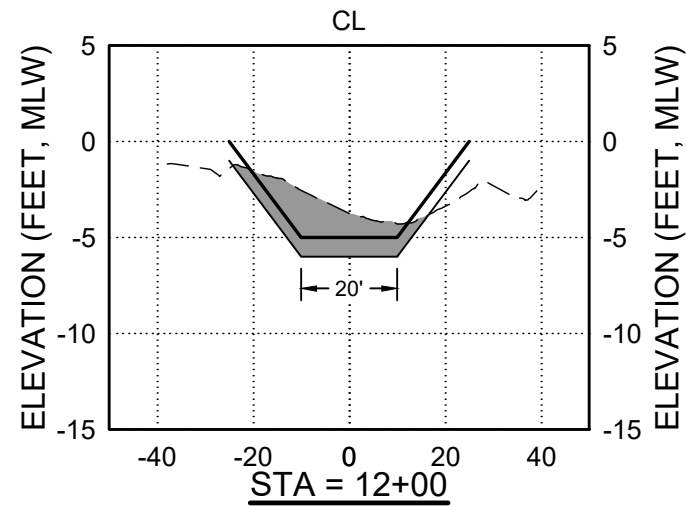
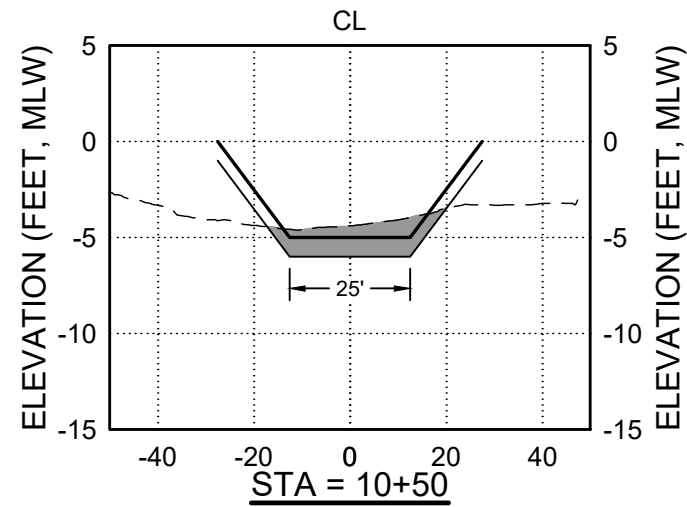
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CONSTRUCTION DRAWING

|                                |  |                                                                                                         |  |                                           |  |                       |  |                     |  |
|--------------------------------|--|---------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------|--|---------------------|--|
| TITLE:                         |  | DATE: 8 JULY 2025                                                                                       |  | PROJECT NO.: AT25-4300                    |  | FILE: AT25-4302.02_05 |  | DRAWING NO.: 5 OF 8 |  |
| PLAN VIEW - MATERIAL PLACEMENT |  | PROJECT: MAINTENANCE DREDGING                                                                           |  | SHEET: HENLEY CANAL - LEE COUNTY, FL      |  |                       |  |                     |  |
| Geosyntec consultants          |  | 2058 VISTA PARKWAY, SUITE 280<br>WEST PALM BEACH, FL 33411 USA<br>CERTIFICATE OF AUTHORIZATION NO. 4669 |  | RBN                                       |  | DESIGN BY:            |  | RBN                 |  |
|                                |  |                                                                                                         |  | JWVO                                      |  | DRAWN BY:             |  | JWVO                |  |
|                                |  |                                                                                                         |  | RBN                                       |  | CHECKED BY:           |  | RBN                 |  |
|                                |  |                                                                                                         |  | MJC                                       |  | REVIEWED BY:          |  | MJC                 |  |
|                                |  |                                                                                                         |  | RBN                                       |  | APPROVED BY:          |  | RBN                 |  |
|                                |  |                                                                                                         |  | SIGNATURE                                 |  |                       |  |                     |  |
|                                |  |                                                                                                         |  | DATE                                      |  |                       |  |                     |  |
|                                |  |                                                                                                         |  | ROBERT B. NEAL, P.E.<br>LICENSE NO. 12456 |  |                       |  |                     |  |
|                                |  |                                                                                                         |  | REV                                       |  | DATE                  |  | DRN APP             |  |
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CROSS SECTIONS II - HENLEY CANAL

PROJECT: MAINTENANCE DREDGING

SITE: HENLEY CANAL - LEE COUNTY, FL

DATE: 8 JULY 2025

PROJECT NO.: AT25-4300

FILE: AT25-430.02\_06

DRAWING NO.: 7 OF 8

ISSUE FOR BID  
CONSTRUCTION DRAWING

