



Figure 1: USGS Project Location Map
East Beach Water Impoundment Project
Glynn County, Georgia



Legend

Project Area



Figure 2: Wetlands and Waters Delineation Map
East Beach Water Impoundment Project
Glynn County, Georgia

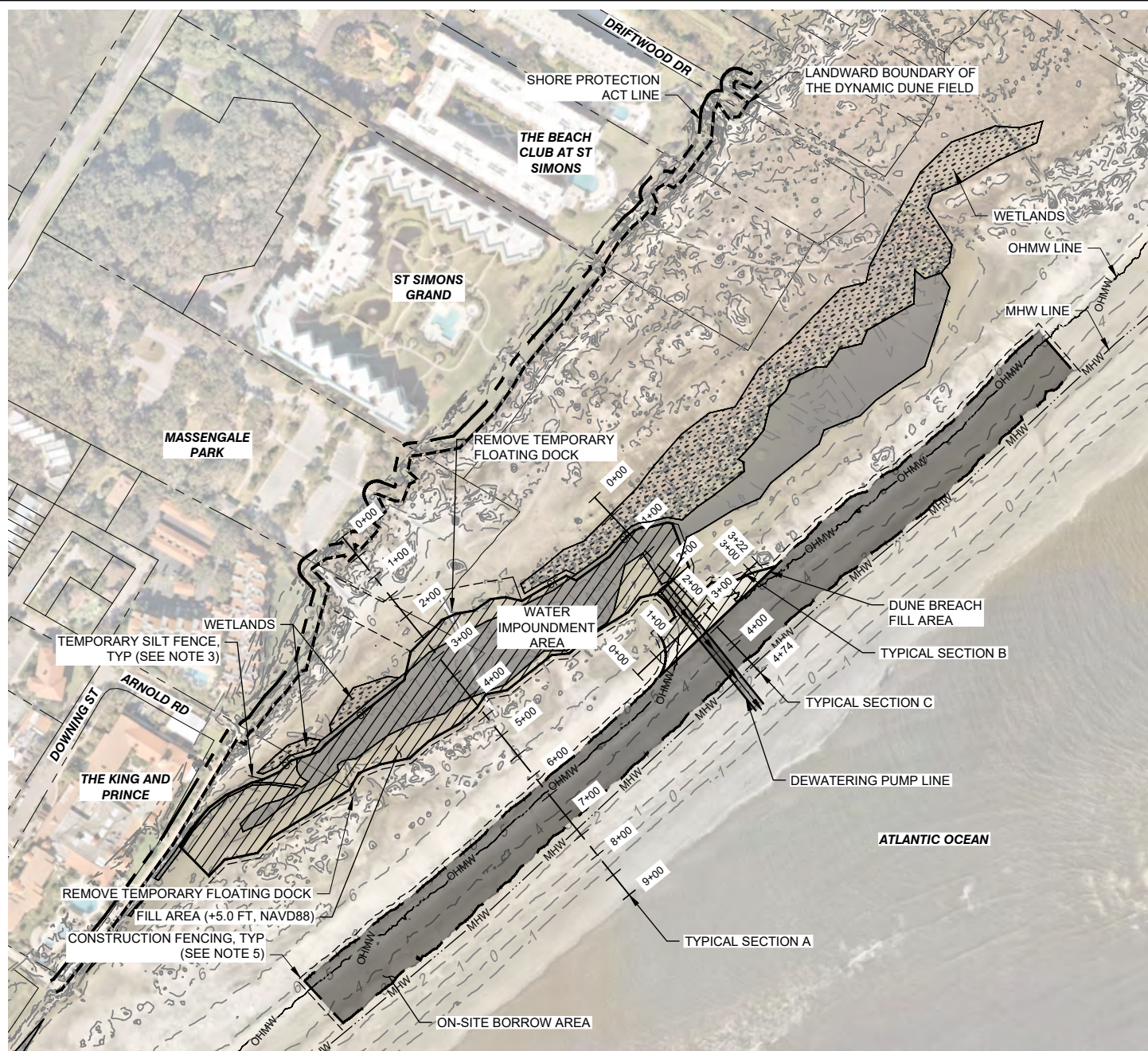


Legend

- | | |
|---|--|
|  Water Impoundment |  Project Area |
|  Wetlands |  Data Points |

Attachment B: Project Plans

Q:\SV\240281-06\20 CADD_Active\Alternative Analysis Set\240281-06CS102; Plotted: 9/26/2025 12:57 PM by CCORVACCHIA



LEGEND

| | | |
|-------|------|---|
| --- | 2 | CONTOURS |
| - - - | MHW | MEAN HIGH WATER |
| --- | | LANDWARD BOUNDARY OF THE DYNAMIC DUNE FIELD |
| --- | | SPA LINE |
| --- | OHWM | ORDINARY HIGH WATER MARK |
| --- | | PARCEL LINES |
| --- | SF | SILT FENCE |
| --- | | CONSTRUCTION FENCE |
| --- | | DEWATERING PUMP LINE |
| --- | | WETLANDS |
| --- | | EXISTING WATER IMPOUNDMENT AREA |
| --- | | ON-SITE BORROW AREA |
| --- | | FILL AREA |

NOTES

1. AERIAL IMAGERY OBTAINED FROM NEARMAP DATED OCTOBER 2024.
2. CONTRACTOR TO PROVIDE MIN, 10' OFFSET BETWEEN WETLAND AREA AND FILL AREA.
3. TEMPORARY SILT FENCE POSITIONING TO BE DETERMINED IN FIELD. AT A MINIMUM, TEMPORARY SILT FENCES SHALL DELINEATE THE 10' OFFSET AND EXTEND BEYOND THE FILL AREA TO PREVENT FILL MATERIAL FROM SPREADING INTO ADJACENT WETLAND AREA. SILT FENCE TO BE ERRECTED PRIOR TO CONSTRUCTION AND REMOVED PROMPTLY AFTER CONSTRUCTION.
4. ON-SITE BORROW AREA LOCATED IMMEDIATELY SEAWARD OF FILL AREA. ALL ON-SITE BORROW SHALL OCCUR LANDWARD OF MHW LINE.
5. CONSTRUCTION FENCE POSITIONING TO BE DETERMINED IN FIELD. AT A MINIMUM, CONSTRUCTION FENCE SHALL DELINEATE DUNE VEGETATION OR OTHER SENSITIVE HABITATS THAT ARE TO BE AVOIDED DURING CONSTRUCTION. CONSTRUCTION FENCE TO BE ERRECTED PRIOR TO CONSTRUCTION AND REMOVED PROMPTLY AFTER CONSTRUCTION.
6. SHORE PROTECTION ACT LINE IS 25 FT, AS MEASURED AT RIGHT ANGLES, FROM THE LANDWARD BOUNDARY OF THE DYNAMIC DUNE FIELD.

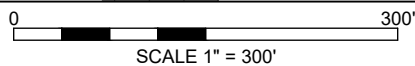


FIGURE 5 ALTERNATIVE 2 SCHEMATIC DESIGN PLAN

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

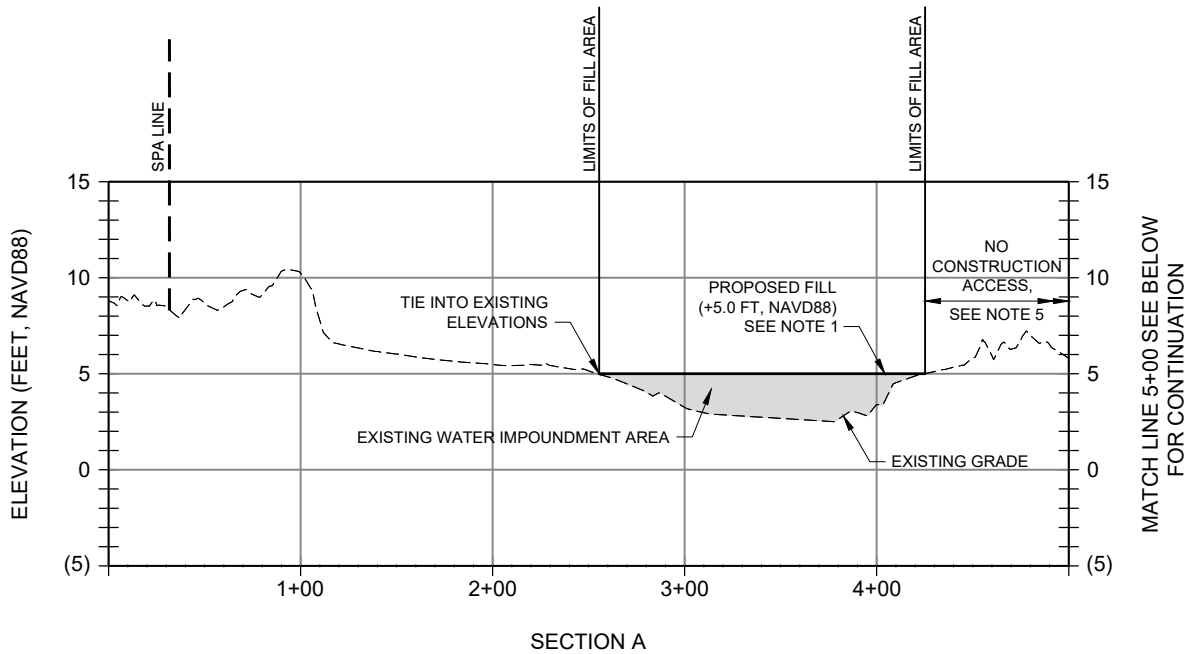
DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025



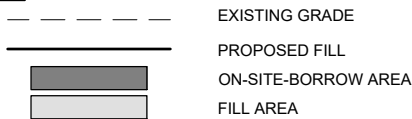
INDEX 5 OF 8

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



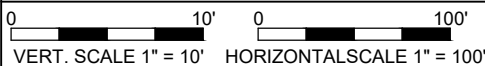
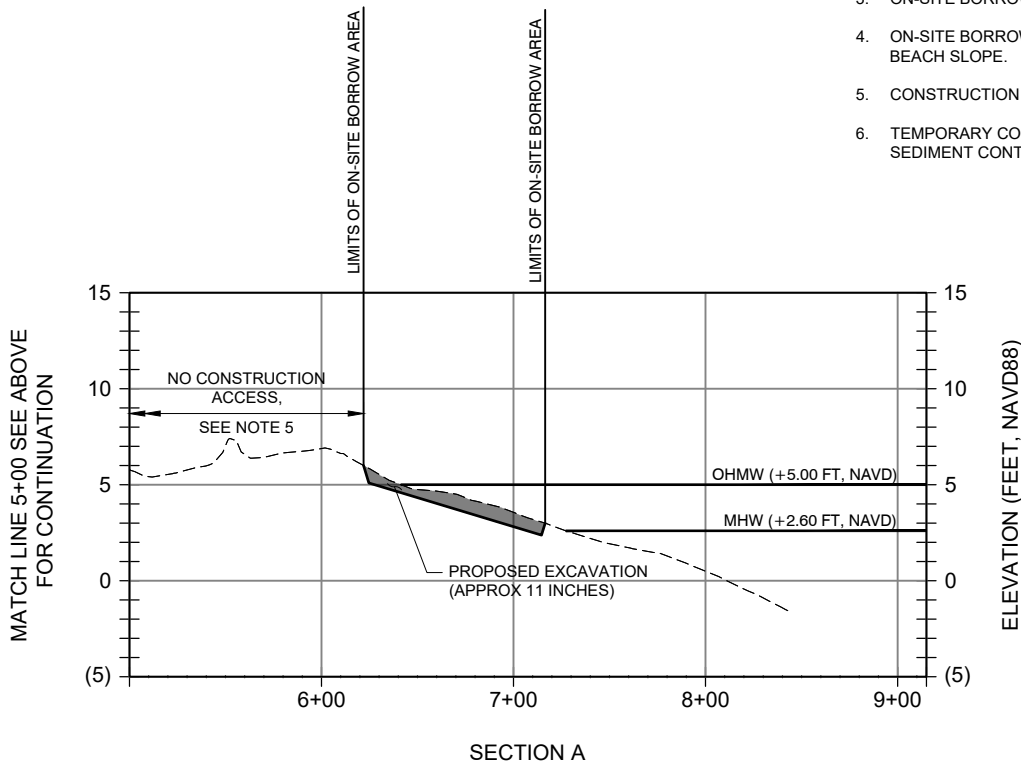


LEGEND



NOTES

1. FILL MATERIAL TO BE EXCAVATED MATERIAL FROM THE ON-SITE BORROW AREA.
2. PROPOSED EXCAVATION SHALL BE LIMITED TO THE MINIMUM PRACTICABLE TO FILL IN EXISTING WATER IMPOUNDMENT AREA AND DUNE BREACH AREA.
3. ON-SITE BORROW TO OCCUR LANDWARD OF +3.00 FT NAVD.
4. ON-SITE BORROW AREA TO BE GRADED TO MATCH EXISTING BEACH SLOPE.
5. CONSTRUCTION ACCESS TO BE THROUGH ACCESS CORRIDOR.
6. TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES NOT SHOWN FOR CLARITY.



300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM

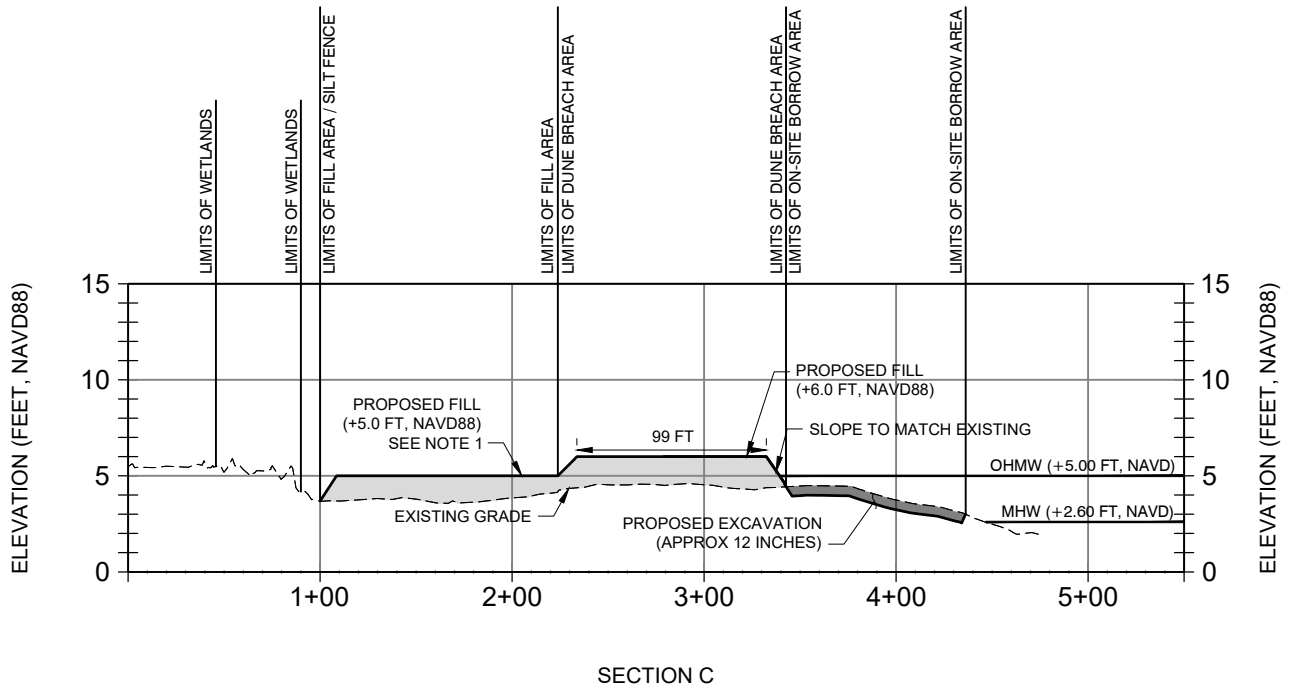
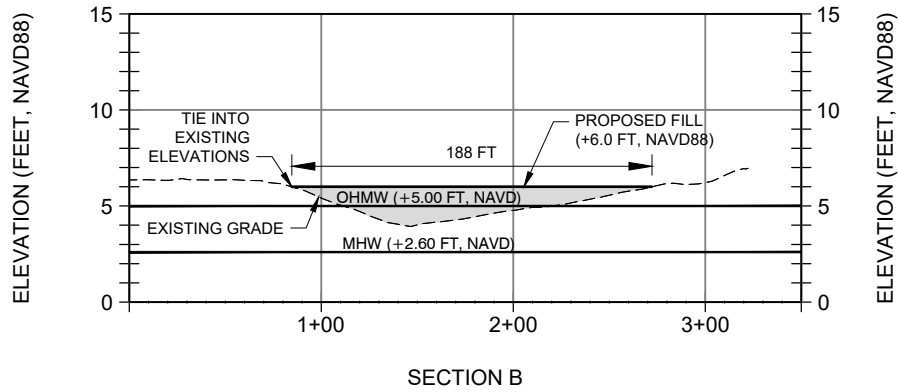


FIGURE 6 ALTERNATIVE 2 CROSS SECTIONS & DETAILS

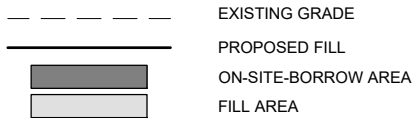
GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025



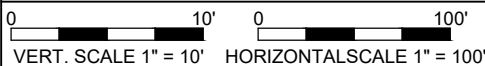


LEGEND



ANTICIPATED CONSTRUCTION SEQUENCE

1. CONTACT GEORGIA 811 AT LEAST 3 BUSINESS DAYS PRIOR TO PERFORMING ANY EXCAVATION/DIGGING.
2. INSTALL TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES.
3. DEWATER PROPOSED FILL AREA. CONSTRUCTION EQUIPMENT TO TRAVERSE SITE ONLY WHEN SUFFICIENTLY DEWATERED.
4. EXCAVATE AND GRADE EXISTING SAND FROM THE ON-SITE BORROW AREA INTO THE FILL AREA.
5. PERFORM FINAL GRADING, ENSURING FINISHED GRADE SLOPES SEAWARD AND MATCHES EXISTING BEACH SLOPE.
6. REMOVE TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES.



300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



FIGURE 7 ALTERNATIVE 2 CROSS SECTIONS & DETAILS

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025



| QUANTITIES | |
|--|---|
| Area of Property | N/A - This project site is located on the open beach on public land |
| Proposed Project Footprint | 9.74 Acres 424,285 SQ. FT. |
| Jurisdictional Footprint | 9.74 Acres 424,285 SQ. FT. |
| Proposed Project Footprint within Jurisdiction | 9.74 Acres 424,285 SQ. FT. |
| Open Water | 2.07 Acres 90,049 SQ. FT. |
| Upper Beach Fill | 1.91 Acres 83,696 SQ. FT. |
| Upper Beach Borrow | 4.87 Acres 212,265 SQ. ST |
| Fill Volume | 8,940 CU Yards |

Q:\SV\240281-06\20 CADD\Active\Alternative Analysis Set\240281-06C-602; Plotted: 9/26/2025 12:20 PM by CCORNACCHIA

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



FIGURE 8 ALTERNATIVE 2 QUANTITIES

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025



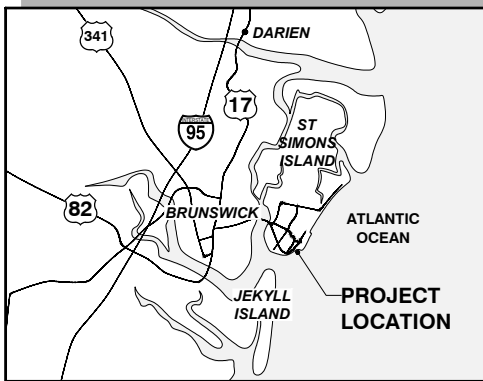
INDEX 8 OF 8

GLYNN COUNTY

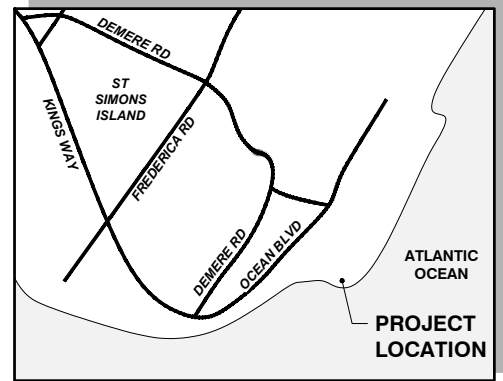
EAST BEACH WATER IMPOUNDMENT

ST. SIMONS ISLAND, GEORGIA

M&N JOB #: 240281-06



VICINITY MAP
SCALE: NTS



LOCATION MAP
SCALE: NTS

DRAWING INDEX

| SHEET NUMBER | SHEET TITLE |
|--------------|---|
| G-001 | COVER SHEET |
| G-002 | NOTES, ABBREVIATIONS & LEGENDS |
| G-003 | NOTES, ABBREVIATIONS & LEGENDS |
| V-101 | EXISTING CONDITIONS / CONSTRUCTION ACCESS |
| CS101 | SCHEMATIC DESIGN PLAN |
| CS301 | CROSS-SECTIONS & DETAILS |
| CS302 | CROSS-SECTIONS & DETAILS |
| C-601 | QUANTITIES |

GOVERNING STANDARDS AND SPECIFICATIONS:
DESIGN STANDARDS AND APPLICABLE CODES USE
GA DNR, GEORGIA CODE, OCCUPATIONAL SAFETY
AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.



COVER SHEET

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. G-001



INDEX 1 OF 8

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



GENERAL NOTES

1. ALL CONSTRUCTION ASSOCIATED WITH THIS PROJECT MUST BE IN ACCORDANCE WITH APPLICABLE CODES & AUTHORITIES HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO OWNER, LOCAL, AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. ANY DISCREPANCY MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER & ENGINEER OF RECORD.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HIMSELF/HERSELF WITH THE PROJECT SITE & TO DETERMINE TOPOGRAPHIC OR UNDERGROUND FEATURES THAT WILL BE IMPACTED DUE TO HIS/HER PROPOSED METHOD OF CONSTRUCTION. THE CONTRACTOR MUST INCLUDE IN HIS BID PRICE, THE COST OF RELOCATING OR REPLACING IN KIND ANY FEATURES THAT WILL BE IMPACTED DUE TO HIS/HER PROPOSED METHOD OF CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE CONSIDERED BY THE OWNER IN THE EVENT THE CONTRACTOR NEGLECTS TO ACCOUNT FOR THIS WORK IN HIS BID PRICE.
3. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, & UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING UTILITIES NOT SPECIFIED FOR REMOVAL WHICH ARE DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF/HERSELF WITH CURRENT SITE CONDITIONS & SHALL REPORT ANY DISCREPANCIES TO THE OWNER & EOR PRIOR TO STARTING WORK.
5. THE CONTRACTOR SHALL KEEP THE SITE REASONABLY FREE FROM DEBRIS, TRASH, & CONSTRUCTION WASTE. BUILDING MATERIAL AND/OR CONSTRUCTION DEBRIS STORED ADJACENT TO OR UPON THE ROADWAY SHALL BE ADEQUATELY MARKED AT ALL TIMES FOR PEDESTRIAN & TRAFFIC SAFETY.
6. CONTRACTOR SHALL CONTACT GEORGIA 811 AT LEAST 3 BUSINESS DAYS PRIOR TO PERFORMING ANY EXCAVATION/DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
7. CONTRACTOR TO ADHERE TO APPLICABLE NOISE ORDINANCES THAT PROHIBIT ANY PLAIN AUDIBLE SOUND IN CONNECTION WITH CONSTRUCTION ACTIVITIES OUTSIDE OF PERMITTED HOURS.
8. ALL ENVIRONMENTAL REGULATORY PERMITS MUST BE OBTAINED. CONTRACTOR IS REQUIRED TO OBTAIN ALL OTHER NECESSARY PERMITS AND/OR APPROVALS PRIOR TO THE START OF CONSTRUCTION. COST OF ALL OTHER NECESSARY PERMITS IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL LANDSCAPED/OPEN AREAS, SIDEWALKS, PAVEMENTS & OTHER IMPROVEMENTS IMPACTED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE OWNER.
10. THE TRAFFIC CONTROL PLAN FOR THE PROJECT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST PRODUCE HIS/HER OWN TRAFFIC CONTROL PLAN & MUST HAVE SAID PLAN APPROVED BY THE OWNER AND CITY PRIOR TO CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE GRANTED BY THE OWNER FOR TRAFFIC CONTROL COSTS ASSOCIATED WITH THIS PROJECT AFTER PROJECT AWARD. TRAFFIC CONTROL PLAN SHALL INCLUDE BUT NOT LIMITED TO MESSAGE BOARDS TO INFORM EMERGENCY SERVICES WITHIN THE VICINITY OF THE PROJECT LIMITS ABOUT THE CONSTRUCTION SCHEDULE.
11. SURVEY MONUMENTS WITHIN THE LIMITS OF THE PROJECT ARE TO BE PROTECTED.
12. NO DEVIATIONS FROM APPROVED PLANS SHALL BE PERMITTED WITHOUT THE WRITTEN CONSENT THE OWNER AND GA DNR.
13. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL THE NECESSARY DOCUMENTS ARE RECEIVED BY THE OWNER.
14. ALL DEFECTIVE WORK NOT ACCEPTED BY THE OWNER, EOR OR BY ANY GOVERNMENT PERMITTING AGENCY SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
15. ALL EXISTING GRASSED OR LANDSCAPED AREAS, ALL DECORATIVE FEATURES (INCLUDING PAVERS) AND PAVED GROUND CONDITIONS DAMAGED AS RESULT OF CONSTRUCTION ACTIVITIES SHALL BE RESTORED COMPLETELY AS DIRECTED BY THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
16. DAMAGED ITEMS SHALL BE RESTORED TO THEIR ORIGINAL DESIGN AND FUNCTION AT THE CONTRACTOR'S EXPENSE.
17. A PRE-CONSTRUCTION MEETING WILL BE HELD ON SITE TO VERIFY DETAILS AND METHODS OF CONSTRUCTION.
18. THESE PLANS ARE INCOMPLETE WITHOUT THE TECHNICAL SPECIFICATIONS.
19. CONTRACTOR SHALL NOT BLOCK OR OBSTRUCT PUBLIC BEACH ACCESS PARKING WITHOUT WRITTEN APPROVAL FROM THE OWNER.
20. CONTRACTOR WILL COORDINATE DAILY WITH THE OWNER'S ENVIRONMENTAL MONITOR AND WILL FOLLOW ALL REQUIRED ENVIRONMENTAL PERMIT CONDITIONS AND MANAGEMENT PRACTICES.
21. CONTRACTOR SHALL DESIGN, INSTALL, AND MAINTAIN EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES (BMPs) IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
22. CONTRACTOR SHALL AVOID IMPACTS TO EXISTING DUNES AND DUNE HABITAT. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY DUNE HABITAT LOCATIONS AND ERECT AND MAINTAIN CONSTRUCTION FENCING OR SIMILAR TO PREVENT IMPACTS.

SURVEY NOTES

1. THE ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). THE CONVERSION BETWEEN NATIONAL GEODETIC VERTICAL DATUM (NGVD 29) AND THE NAVD 88 FOR THE PROJECT SITE IS APPROXIMATELY 0.97 FEET (EXAMPLE: 0.0 FEET NGVD = -0.97 FEET NAVD).
2. WETLAND SURVEY DATA PERFORMED BY LONGLEAF ENVIRONMENTAL CONSULTING DATED FEBRUARY 2025.
3. TOPOGRAPHIC AND BATHYMETRIC SURVEY DATA PERFORMED BY ARC SURVEYING & MAPPING DATED FEBRUARY 2025.

NOTES, ABBREVIATIONS & LEGENDS

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. G-002



INDEX 2 OF 8

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



4. THE FOLLOWING TIDAL DATUM RELATIONSHIP IS BASED ON NOAA TIDE STATION 8677344 - ST. SIMONS, GA.
TIDAL DATA

| | |
|-------------------------------|-------------|
| MEAN HIGHER HIGH WATER (MHHW) | 2.97' NAVD |
| MEAN HIGH WATER (MHW) | 2.60' NAVD |
| NORTH AMERICAN VERTICAL DATUM | 0.00' NAVD |
| MEAN LOW WATER (MLW) | -4.02' NAVD |
| MEAN LOWER LOW WATER (MLLW) | -4.23' NAVD |

5. HORIZONTAL CONTROL REFERENCED TO NORTH AMERICAN DATUM OF 1983, STATE PLANE COORDINATE SYSTEM, GEORGIA EAST ZONE, IN FEET.

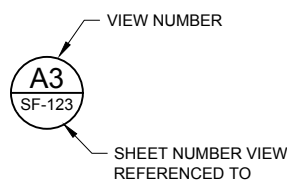
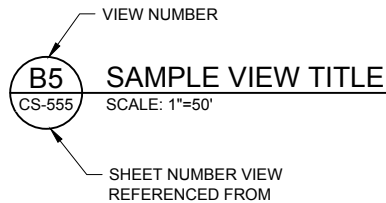
6. PARCELS BOUNDARIES BASED GIS FILES RECEIVED FROM GLYNN COUNTY GEOGRAPHIC INFORMATION SYSTEM DEPARTMENT.

AERIAL IMAGERY

1. AERIAL IMAGERY OBTAINED FROM NEARMAP DATED OCTOBER 2024.

BEACH FILL NOTES

- FILL MATERIAL TO BE EXCAVATED MATERIAL FROM THE ON-SITE BORROW AREA.
- PLACE FILL TO THE GRADES SHOWN.
- THE VERTICAL TOLERANCE FOR EACH FILL TEMPLATE IS ± 0.25 FEET.
- THE INTENT OF THE PROJECT IS TO PLACE THE REQUIRED VOLUME OF BEACH FILL WITHIN THE DESIGN TEMPLATE IN ACCORDANCE WITH ALL REQUIREMENTS.



VIEW TITLE

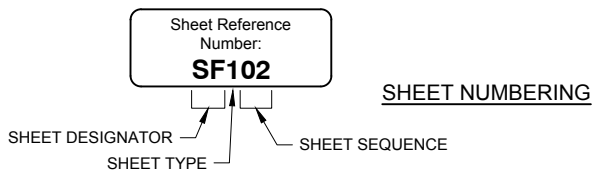
DETAIL CALLOUT

| DISCIPLINE DESIGNATORS | |
|------------------------|------------|
| DISCIPLINE | DESIGNATOR |
| GENERAL | G |
| SURVEY/MAPPING | V |
| CIVIL | C |

| SECONDARY DESIGNATORS | |
|-----------------------|---|
| SITE | S |

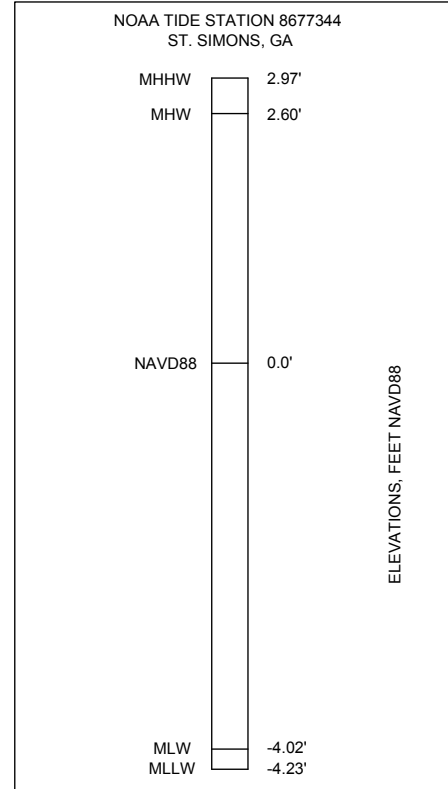
| REVISION NUMBERING | |
|--------------------|-------------------------|
| A00, A01... | PRE-BID SUBMITTALS |
| B00, B01... | BID SUBMITTALS |
| 000, 001... | CONSTRUCTION SUBMITTALS |

| SHEET TYPE DESIGNATORS | |
|------------------------|---|
| 0 | GENERAL (COVER SHEET, LEGEND, NOTES) |
| 1 | PLANS (HORIZONTAL VIEWS) |
| 3 | SECTIONS (OVERALL VIEWS) |
| 5 | DETAILS (MAY BE PLAN, SECT. OR ELEV. VIEWS) |
| 6 | SCHEDULES / TABLES |



ABBREVIATIONS

| | |
|--------|---|
| CRD | COASTAL RESOURCE DIVISION |
| CY | CUBIC YARD |
| EOR | ENGINEER OF RECORD |
| FT(') | FEET |
| GA DNR | GEORGIA DEPARTMENT OF NATURAL RESOURCES |
| HORZ | HORIZONTAL |
| HTL | HIGH TIDE LINE |
| IN(") | INCHES |
| MAX | MAXIMUM |
| MHW | MEAN HIGH WATER |
| MHHW | MEAN HIGHER HIGH WATER |
| MLW | MEAN LOW WATER |
| MLLW | MEAN LOWER LOW WATER |
| N | NORTH |
| NAD | NORTH AMERICAN DATUM OF 1983 |
| NAVD | NORTH AMERICAN VERTICAL DATUM OF 1988 |
| NGVD | NATIONAL GEODETIC VERTICAL DATUM OF 1929 |
| NTS | NOT TO SCALE |
| OHWM | ORDINARY HIGH WATER MARK |
| OLWM | ORDINARY LOW WATER MARK |
| OSHA | OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION |
| SPA | SHORE PROTECTION ACT |
| TYP | TYPICAL |
| USACE | US ARMY CORPS OF ENGINEERS |
| VERT | VERTICAL |



NOTES, ABBREVIATIONS & LEGENDS

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. G-003

INDEX 3 OF 8

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



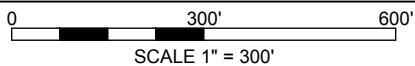


LEGEND

| | |
|--|---|
| | CONTOURS |
| | MEAN HIGH WATER |
| | LANDWARD BOUNDARY OF DYNAMIC DUNE FIELD |
| | SPA LINE |
| | PARCEL LINES |
| | WETLANDS |
| | EXISTING WATER IMPOUNDMENT AREA |
| | CONSTRUCTION CORRIDOR |
| | ORDINARY HIGH WATER MARK |
| | ORDINARY LOW WATER MARK |

NOTES

1. AERIAL IMAGERY OBTAINED FROM NEARMAP DATED OCTOBER 2024.
2. WETLANDS WERE DELINEATED IN THE IMMEDIATE PROJECT VICINITY BY LONGLEAF ENVIRONMENTAL CONSULTING. ADDITIONAL WETLANDS ARE ANTICIPATED TO OCCUR BEYOND THE EXTENTS SHOWN.
3. ALL EQUIPMENT AND IMPORTED FILL TO ACCESS THE SITE THROUGH MASSENGALE PARK. EXACT LOCATION TO BE DETERMINED BY THE OWNER.
4. SHORE PROTECTION ACT LINE IS 25 FT, AS MEASURED AT RIGHT ANGLES, FROM THE LANDWARD BOUNDARY OF THE DYNAMIC DUNE FIELD



300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM

moffatt & nichol

EXISTING CONDITIONS / CONSTRUCTION ACCESS

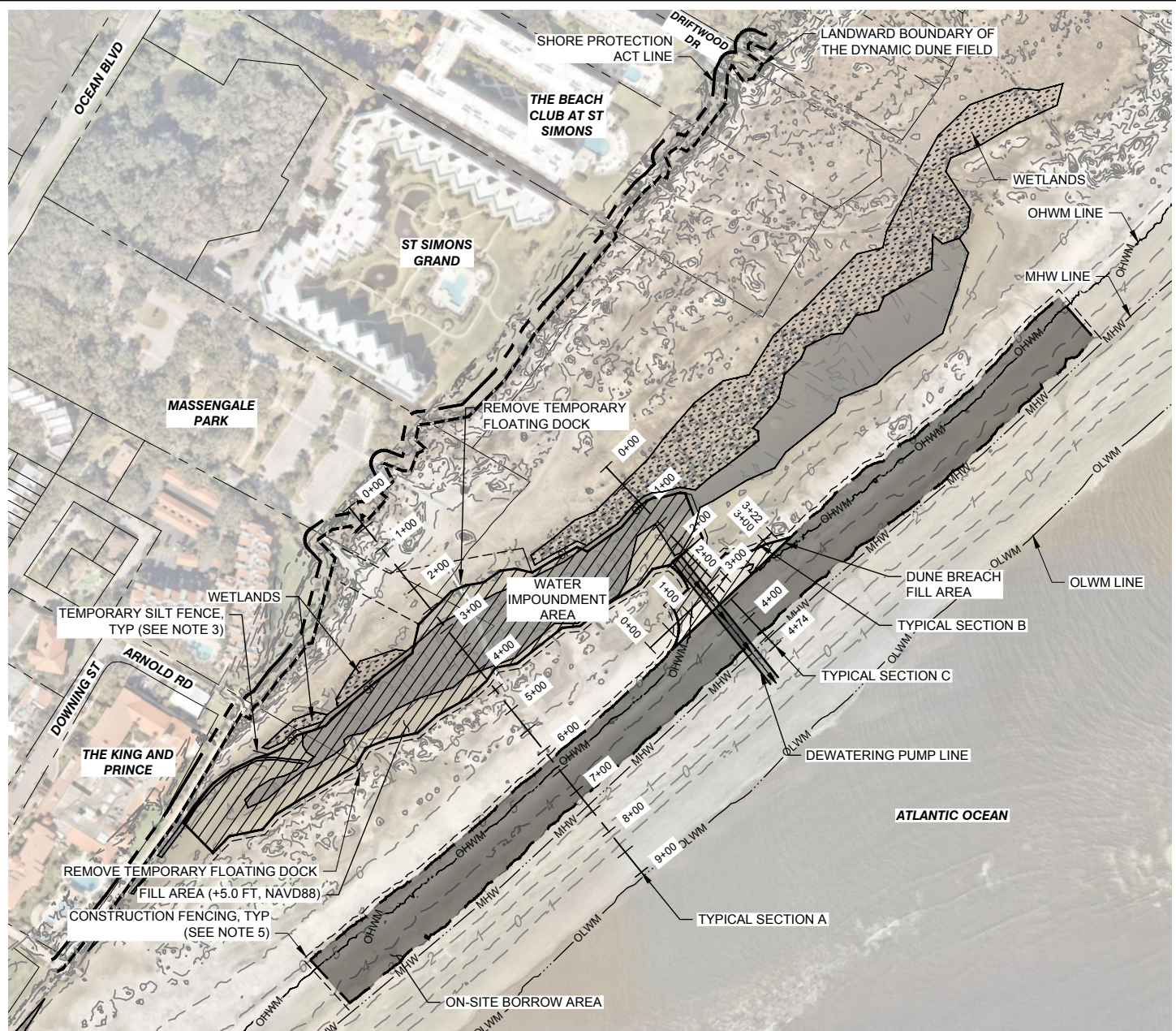
GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. V-101



INDEX 4 OF 8

Q:\SV\240281-06\20 CADD_Active\Permit Set\240281-06CS101; Plotted: 9/29/2025 3:03 PM by CCORNACCHIA

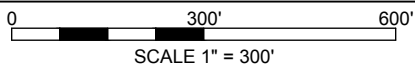


LEGEND

| | |
|--|--------------------------|
| 2 | CONTOURS |
| MHW | MEAN HIGH WATER |
| LANDWARD BOUNDARY OF THE DYNAMIC FIELD | |
| SPA LINE | |
| PARCEL LINES | |
| SF | SILT FENCE |
| CONSTRUCTION FENCE | |
| DEWATERING PUMP LINE | |
| WETLANDS | |
| EXISTING WATER IMPOUNDMENT AREA | |
| ON-SITE BORROW AREA | |
| FILL AREA | |
| OHWM | ORDINARY HIGH WATER MARK |
| OLWM | ORDINARY LOW WATER MARK |

NOTES

1. AERIAL IMAGERY OBTAINED FROM NEARMAP DATED OCTOBER 2024.
2. CONTRACTOR TO PROVIDE MIN. 10' OFFSET BETWEEN WETLAND AREA AND FILL AREA.
3. TEMPORARY SILT FENCE POSITIONING TO BE DETERMINED IN FIELD. AT A MINIMUM, TEMPORARY SILT FENCES SHALL DELINEATE THE 10' OFFSET AND EXTEND BEYOND THE FILL AREA TO PREVENT FILL MATERIAL FROM SPREADING INTO ADJACENT WETLAND AREA. SILT FENCE TO BE ERECTED PRIOR TO CONSTRUCTION AND REMOVED PROMPTLY AFTER CONSTRUCTION.
4. ON-SITE BORROW AREA LOCATED IMMEDIATELY SEAWARD OF FILL AREA. ALL ON-SITE BORROW SHALL OCCUR LANDWARD OF MHW LINE.
5. CONSTRUCTION FENCE POSITIONING TO BE DETERMINED IN FIELD. AT A MINIMUM, CONSTRUCTION FENCE SHALL DELINEATE DUNE VEGETATION OR OTHER SENSITIVE HABITATS THAT ARE TO BE AVOIDED DURING CONSTRUCTION. CONSTRUCTION FENCE TO BE ERECTED PRIOR TO CONSTRUCTION AND REMOVED PROMPTLY AFTER CONSTRUCTION.



SCHEMATIC DESIGN PLAN

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

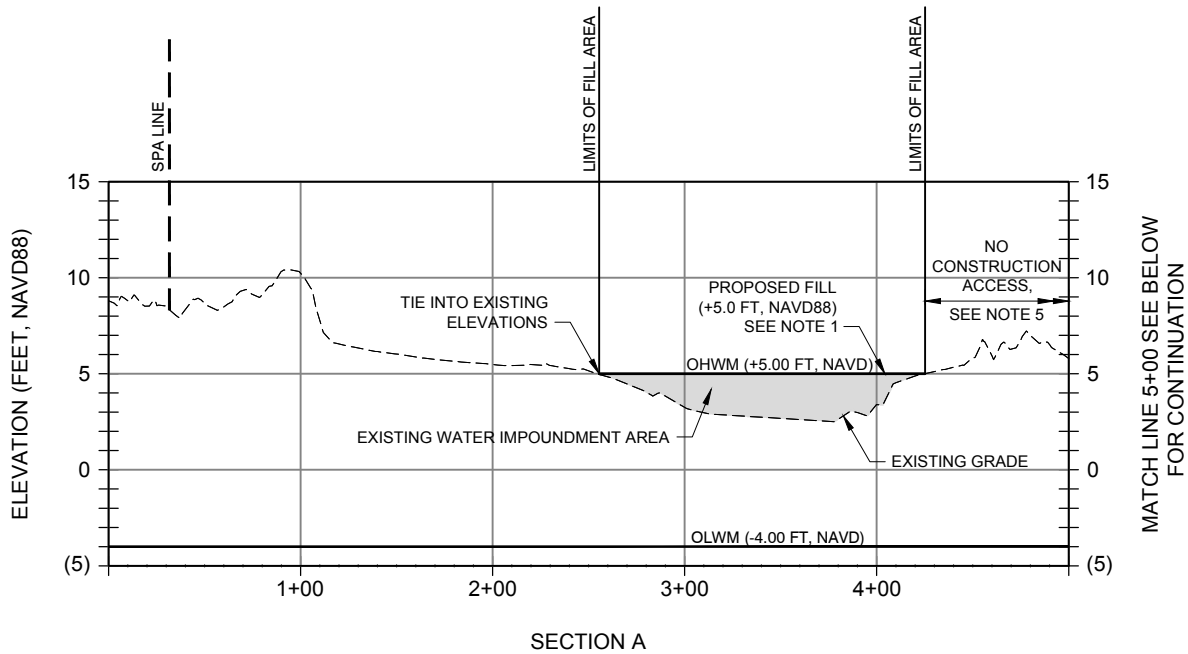
DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. CS101



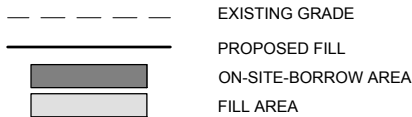
INDEX 5 OF 8

300 BULL ST., SUITE 200
SAVANNAH, GA. 31401
MOFFATT NICHOL.COM



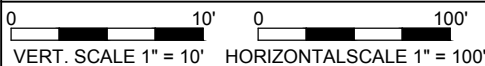
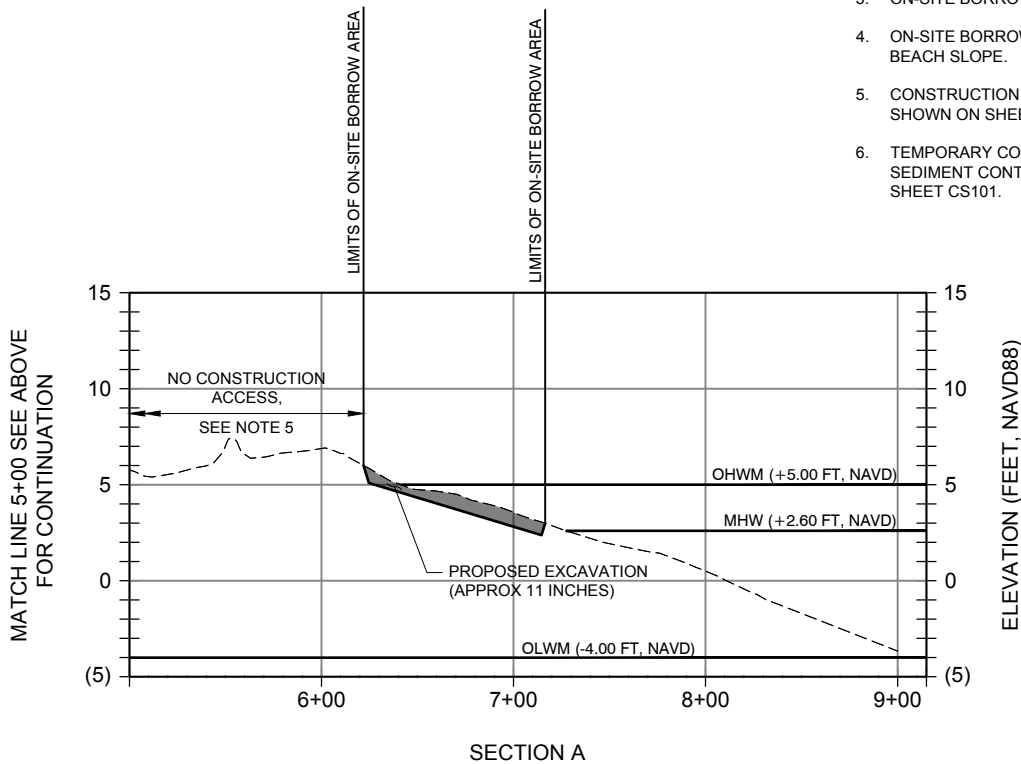


LEGEND



NOTES

1. FILL MATERIAL TO BE EXCAVATED MATERIAL FROM THE ON-SITE BORROW AREA.
2. PROPOSED EXCAVATION SHALL BE LIMITED TO THE MINIMUM PRACTICABLE TO FILL IN EXISTING WATER IMPOUNDMENT AREA AND DUNE BREACH AREA.
3. ON-SITE BORROW TO OCCUR LANDWARD OF +3.00 FT NAVD.
4. ON-SITE BORROW AREA TO BE GRADED TO MATCH EXISTING BEACH SLOPE.
5. CONSTRUCTION ACCESS TO BE THROUGH ACCESS CORRIDOR SHOWN ON SHEET V-101.
6. TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES NOT SHOWN FOR CLARITY. SEE SHEET CS101.



300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



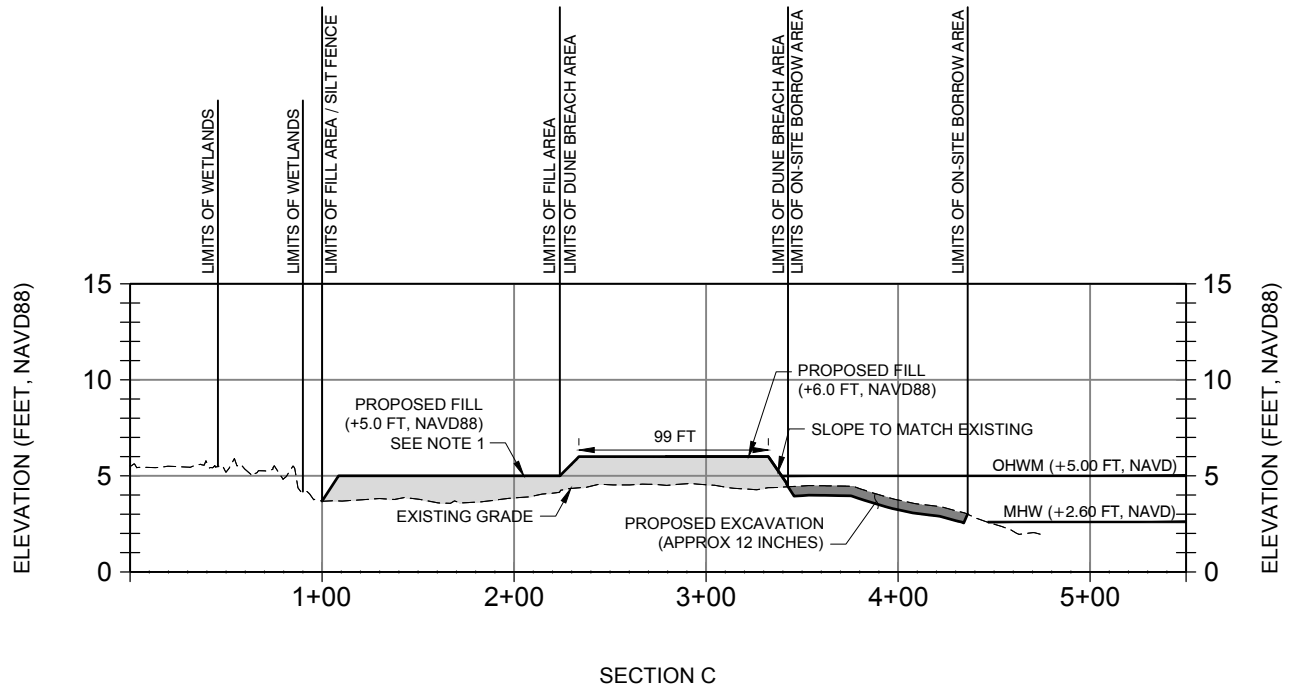
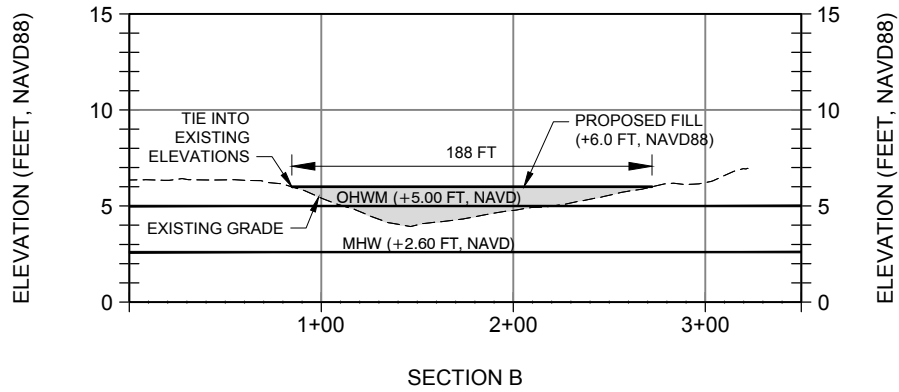
CROSS SECTIONS & DETAILS

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

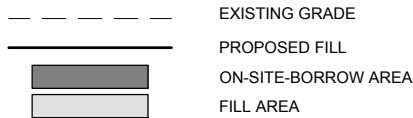
DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. CS301



INDEX 6 OF 8

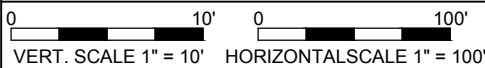


LEGEND



ANTICIPATED CONSTRUCTION SEQUENCE

1. CONTACT GEORGIA 811 AT LEAST 3 BUSINESS DAYS PRIOR TO PERFORMING ANY EXCAVATION/DIGGING.
2. INSTALL TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES.
3. DEWATER PROPOSED FILL AREA. CONSTRUCTION EQUIPMENT TO TRAVERSE SITE ONLY WHEN SUFFICIENTLY DEWATERED.
4. EXCAVATE AND GRADE EXISTING SAND FROM THE ON-SITE BORROW AREA INTO THE FILL AREA.
5. PERFORM FINAL GRADING, ENSURING FINISHED GRADE SLOPES SEAWARD AND MATCHES EXISTING BEACH SLOPE.
6. REMOVE TEMPORARY CONSTRUCTION FENCE, SILT FENCE, AND OTHER SEDIMENT CONTROL MEASURES.



300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



CROSS SECTIONS & DETAILS

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. CS302



INDEX 7 OF 8

GA DNR QUANTITIES

| | | |
|--|--|-----------------|
| Area of Property | N/A - This project site is located on the open beach | |
| Proposed Project Footprint | 9.74 Acres | 424,285 SQ. FT. |
| Jurisdictional Footprint | 9.74 Acres | 424,285 SQ. FT. |
| Proposed Project Footprint within Jurisdiction | 9.74 Acres | 424,285 SQ. FT. |
| Open Water | 2.07 Acres | 90,049 SQ. FT. |
| Upper Beach Fill | 1.91 Acres | 83,696 SQ. FT. |
| Upper Beach Borrow | 4.87 Acres | 212,265 SQ. FT. |
| Total Fill Volume | 8,940 CU Yards | |

Q:\SV\240281-06\20 CADD\Active\Permit Set\240281-06C-601; Plotted: 9/29/2025 3:44 PM by COORNACCHIA

300 BULL ST., SUITE 200
SAVANNAH, GA, 31401
MOFFATT NICHOL.COM



QUANTITIES

GLYNN COUNTY
EAST BEACH WATER IMPOUNDMENT
ST. SIMONS ISLAND, GEORGIA

DRAWN BY: CLC
CHECKED BY: ZRV
REVIEWED BY: CLC
SUBMITTED BY: CASEY CONNOR
MOFFATT NICHOL
PROJECT NUMBER: 240281-06
DATE: 09/26/2025
SHEET REF NO. C-601



INDEX 8 OF 8

