

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
North Charleston, South Carolina 29405

REGULATORY DIVISION
Refer to: SAC-2020-00449

October 31, 2023

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), Section 103 of the Marine Protection, Resource, and Sanctuaries Act (33 U.S.C. 1413), Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408) and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Mr. Ray Funnye
Georgetown County
129 Screven Street
Georgetown, South Carolina 29442

for a permit to conduct new work and maintenance dredging within 16.49 miles of natural creeks and man-made channels and to place dredged material in a proposed nearshore (open water) disposal area in the

Atlantic Ocean

near Murrells Inlet, Garden City Beach and Huntington Beach State Park in Georgetown and Horry Counties, South Carolina (Latitude: 33.5305° N, Longitude: -79.0370° W), Brook green USGS Quadrangle Map.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** and **SCDHEC** until

30 Days from the Date of this Notice,

from those interested in the activity and whose interests may be affected by the proposed work.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

Applicant's Stated Purpose

According to the applicant, the purpose of the proposed project is to re-establish navigable depths at all tidal phases for the developed waters and access channels of Murrells Inlet for the public, commercial users, and owners of land abutting the waterways.

Project Description

The proposed work consists of new work and maintenance dredging and discharging sediment in a proposed nearshore (open water) disposal site using a hydraulic pipeline. In detail, the applicant has proposed to dredge a total of 754,616 cubic yards of sediment from a total of 87,087 linear feet (16.49 miles) of natural creeks and man-made channels. The location and names of these open water channels, Main Creek, Marshwalk (Channels A, B, C, and D), Parsonage Creek, Oaks Creek, Allston Creek, Flaggpoint Canal, Mt. Gilead Canal, Marlin Quay Marina, South Waccamaw Canal, and Creeks A, B, C, D, E, F, G (Marina Colony), H, I, J and K, are shown on the attached drawings (sheets 1 through 27 of 39).

The proposed depth of Oaks Creek, Allston Creek, Creek A, and a portion of Main Creek would be -8.0 feet below Mean Low Water + 1 foot of allowable overdepth (a total of -9.0 feet MLW) and the proposed depth of Flaggpoint Canal would be -3.0 feet below Mean Low Water (MLW) + 1 foot of allowable overdepth (a total of -4.0 feet MLW). The proposed depth of the remainder of the of the referenced channels would be -6.0 feet below Mean Low Water + 1 foot of allowable overdepth (a total of -7.0 feet MLW). The width of the proposed channels, without side slopes, varies between 20 feet to more than 300 wide as shown on the attached drawings (sheets 28 through 38 of 39).

The proposed work would be conducted in three phases. Approximately 250,000 cubic yards of sediment would be dredged each year (between November 1 and March 31) using a hydraulic cutterhead and would be pumped via pipeline to a proposed nearshore disposal site that would be parallel to the shore at Huntington Beach State Park (HBSP). Dredged material with a high percentage of fines is expected to spread across the ocean floor as a layer of fluid mud. The dredged material would be discharged within an approximately 3,500-foot long by 1,000-foot wide area that would be at least 1,700 feet south of the existing jetty and at least 2,000 feet east of the existing beach at HBSP as shown on drawing sheet 39 of 39.

The proposed nearshore disposal site would be 5,000 feet long by 3,000 feet wide (344.35 acres or 0.57 square miles) and would be monitored to ensure that the placement

of dredged material does not create a layer that is more than 5.5 feet thick on the existing ocean floor, and dredged material does not extend or adversely impact aquatic resources outside the boundary of the proposed disposal site. According to the applicant, the dredged material would be placed outside the active surf zone and any clays or other fine-grained material would be carried offshore rather than deposited on the adjacent beach.

The applicant has prepared and submitted a Section 103(b) Site Selection Document, which is being coordinated with the other regulatory and resource agencies. This document includes preliminary information that was gathered by the applicant as part of their due diligence, geotechnical analyses for the areas that would be dredged, a Sediment Fate Analysis for the proposed nearshore disposal site, a clay ball analysis, and a proposed Sampling and Analysis Plan that will need to be reviewed and approved prior to the applicant conducting the necessary chemical and biological analyses.

Avoidance and Minimization

The applicant has stated that the proposed project would avoid and/or minimize potential impacts to the aquatic environment by maintaining a 10-foot buffer between the footprint of the dredged channel and any existing oyster reefs or marsh vegetation that would not be impacted by the proposed dredging. The location of these resources would be loaded into the dredge computer and PVC poles would be placed along the boundary of the 10-foot buffer to ensure oyster reefs and vegetated marsh are not disturbed during high tide when these resources may not be visible.

The applicant has conducted physical analyses and modeling to help identify the proposed location for the nearshore placement area. The applicant has proposed to monitor and survey the placement area at least weekly during dredging events to help document the location and height of dredged material that would be placed on the ocean floor. The applicant has also committed to developing and implementing an Adaptive Management/Contingency Plan to address any concerns (mounding, clay ball formation, potential adverse effects associated with the migration of dredged material outside the placement area, etc.) that are identified during the permit application process.

Proposed Compensatory Mitigation

According to the permit application, the 106.45-acre footprint of the proposed navigation improvements includes 12.92 acres of open water that are deeper than the proposed channel and would not require any new work or maintenance dredging. In addition, a total of 1.48 acres of vegetated salt marsh and 0.16 acres of oyster beds would be directly (dredging footprint) or indirectly impacted (side slopes) by the proposed work. The applicant used the Required Wetland Mitigation Credit Worksheet in the Charleston District's Guidelines for Preparing a Compensatory Mitigation Plan (2010) to calculate the number of mitigation credits that would be required to offset the proposed impacts to existing vegetated salt marsh (13.59 credits) and oyster beds (1.43 credits).

The applicant has indicated they are planning to prepare and submit a Permittee Responsible Mitigation plan that includes the restoration of vegetated salt marsh (and tidal creeks), oyster restoration, and the establishment of living shorelines within the Murrells Inlet estuary. Potential restoration sites include former dredged disposal areas, such as Goat Island (approximately 4 acres), which is located near Marshwalk.

South Carolina Department of Health and Environmental Control

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the certifying authority, South Carolina Department of Health and Environmental Control, in accordance with provisions of Section 401 of the Clean Water Act (CWA). The CWA Section 401 Certification Rule (Certification Rule, 40 CFR 121), effective September 11, 2020, requires certification, or waiver, for any license or permit that authorizes an activity that may result in a discharge. The scope of a CWA Section 401 Certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. The applicant is responsible for requesting certification and providing required information to the certifying authority. In accordance with Certification Rule part 121.12, the Corps will notify the U.S. Environmental Protection Agency Administrator when it has received a Department of the Army (DA) permit application and the related certification. The Administrator is responsible for determining if the discharge may affect water quality in a neighboring jurisdiction. The DA permit may not be issued pending the conclusion of the Administrator's determination of effects on neighboring jurisdictions.

The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 438.08 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action may have an adverse affect on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). An Essential Fish Habitat assessment (or other similar document) detailing our analysis of the potential adverse effects of the action will be provided to the National Marine Fisheries Service. The District Engineer's final determination relative to project

impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project and based on the location of the project and available information, the following species may be present in the County(s) where the work will occur: northern long-eared bat (*Myotis septentrionalis*), red-cockaded woodpecker (*Picoides borealis*) Eastern black rail (*Laterallus jamaicensis jamaicensis*), West Indian manatee (*Trichechus manatus*), piping plover (*Charadrius melodus*), rufa red knot (*Calidris canutus rufa*), roseate tern (*Sterna douglallii douglallii*), loggerhead sea turtle (*Caretta caretta*), and green sea turtle (*Chelonia mydas*), Kemp's ridley sea turtle (*Lepidochelys kempii*) and leatherback sea turtle (*Dermochelys coriacea*), American chaffseed (*Schwalbea americana*) Canby's dropwort (*Oxypolis canbyi*), pondberry (*Lindera melissifolia*), seabeach amaranth (*Amaranthus pumilus*), shortnose sturgeon (*Acipenser brevirostrum*), Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), scalloped hammerhead shark (*Sphyrna lewini*), giant manta ray (*Manta birostris*), or the North Atlantic right whale (*Eubalaena glacialis*).

Based on all information provided by the applicant and the most recently available information, the District Engineer has determined the following:

The project will have no effect on northern long-eared bat, red-cockaded woodpecker, Eastern black rail, American chaffseed, Canby's dropwort, or pondberry and will not result in the destruction or adverse modification of designated or proposed critical habitat for the piping plover, rufa red knot, or the North Atlantic right whale.

The project is not likely to adversely affect West Indian manatee (*Trichechus manatus*), loggerhead sea turtle (*Caretta caretta*), green sea turtle (*Chelonia mydas*), Kemp's ridley sea turtle (*Lepidochelys kempii*), leatherback sea turtle (*Dermochelys coriacea*), or seabeach amaranth (*Amaranthus pumilus*). This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information, that the project may affect piping plover, rufa red knot, or roseate tern. A biological assessment (or other similar document) detailing our analysis of the potential effects of the action will be provided to the U.S. Fish and Wildlife Service for their review and concurrence. With regard to ESA-listed species managed by National Marine Fisheries Service's Southeast Regional Office, the proposed dredging and placement of dredged material in open waters is covered by the South Atlantic Regional Biological Opinion.

This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

Cultural Resources

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that there are historic properties present, but they will not be affected; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Section 408

The proposed project described in this notice would require permission pursuant to Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408). Permission for an alteration under Section 408 may be granted when, in the judgment of the Secretary of the Army, the alteration will not be injurious to the public interest and will not impair the usefulness of the project. Decisions on proposed alterations are delegated to the District Commander unless one or more criteria requiring elevation are triggered.

Section 408 is based on factors which are outlined in Engineering Circular (EC) 1165-2-220. Review of the requests for modification will be reviewed by a USACE technical review team considering the following factors:

1. Impair the Usefulness of the Project Determination. The review team will determine if the proposed alteration would limit the ability of the federally authorized project to function as authorized, or would compromise or change any authorized project conditions, purposes or outputs. All appropriate technical

analyses including geotechnical, structural, hydraulic and hydrologic, real estate, and operations and maintenance requirements, must be conducted and the technical adequacy of the design must be reviewed. The Charleston District is working closely with the requestor to ensure that all required technical plans, maps, drawings, and specifications necessary for these analyses are provided and complete. In order to approve a request for modification, it must be determined that the usefulness of the authorized project will not be negatively impacted.

2. Injurious to the Public Interest Determination. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Evaluation of the probable impacts that the proposed alteration to the USACE project may have on the public interest requires a careful weighing of all those factors that are relevant in each particular case. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest. This determination is not the same as the "contrary to the public interest determination" that is undertaken pursuant to Sections 10/404/103.

3. Legal and Policy Compliance. A determination will be made as to whether the proposal meets all legal and policy requirements. This includes the National Environmental Policy Act (NEPA) and other environmental compliance requirements, as well as USACE policy. While ensuring compliance is the responsibility of USACE, the requester is required to provide all information that the Charleston District identifies as necessary to satisfy all applicable federal laws, executive orders, regulations, policies, and ordinances.

408 Process Overview: The basic 408 process for this application is outlined in EC 1165-2-220, paragraph 7(h)(4). In cases in which a Section 408 permission (except for Section 408 decisions that must be made by the Division Commander, per paragraph 8.c.) and a Regulatory standard individual permit are both required for the same proposed alteration/activity, the district will conduct these evaluations in a coordinated and concurrent manner resulting in a single decision document. Note that implementing regulations and policies for the Regulatory permit require the evaluation of proposed activities and their compatibility with the purposes of a federal project. The Section 408 analysis informs the compatibility with the purposes of a federal project for Regulatory purposes. In addition, there will be a single transmittal letter to the requester that includes as attachments both the Section 408 decision letter and the Regulatory permit.

The District Commander is the deciding official for the single decision document for these cases, although he or she may further delegate these combined decisions following the same requirements as in paragraph 8.d.

Corps' Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources.

The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

Solicitation of Public Comment

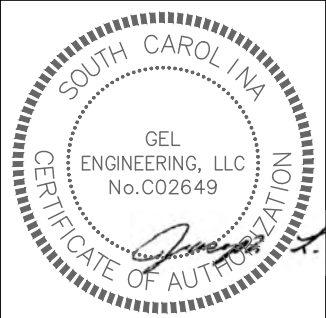
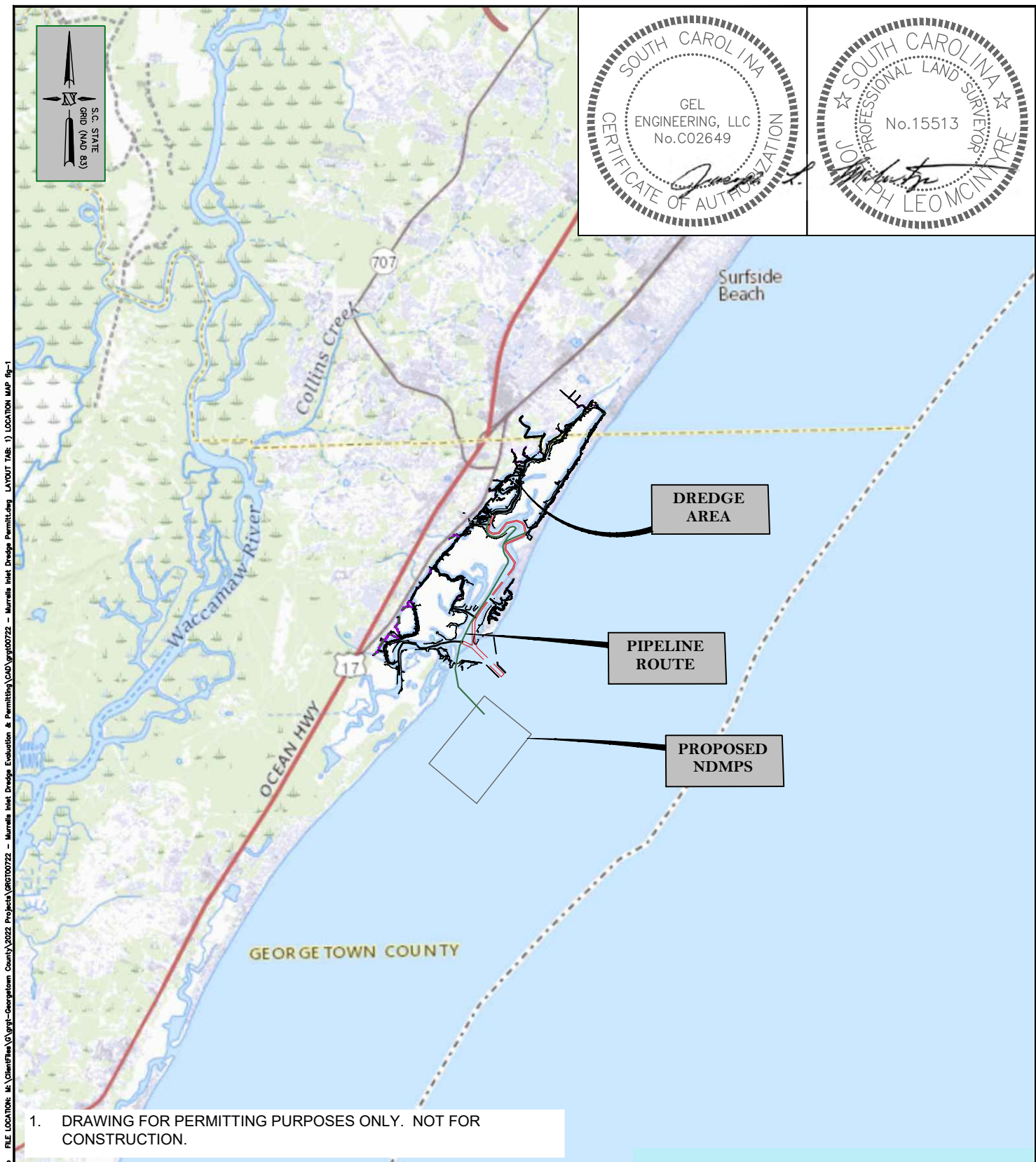
The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Please submit comments in writing, identifying the project of interest by public notice/file number (SAC-2020-00449), to nathaniel.i.ball@usace.army.mil or the following address:

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403**

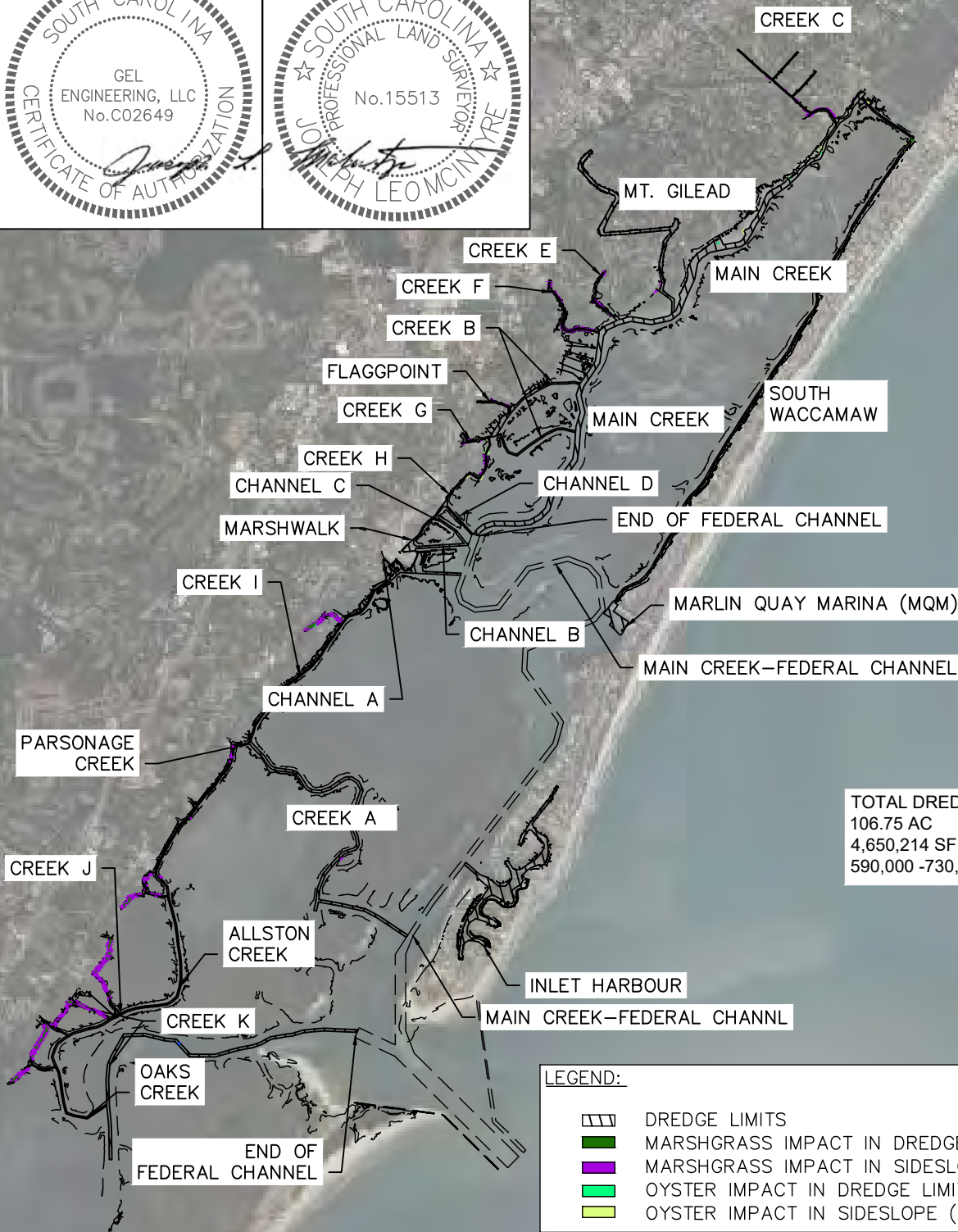
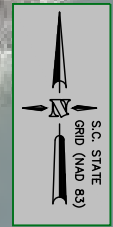
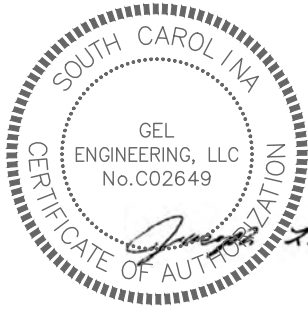
If there are any questions concerning this public notice, please contact Nat Ball, Project Manager, at (843) 329-8047, toll free at 1-866-329-8187, or by email at nathaniel.i.ball@usace.army.mil.

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRGT00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\grgt00722.dwg LAYOUT TAB: 1) LOCATION MAP Fig-1
PLOT: Aug 23, 2023 - 8:17am BY: Eric Updecomb



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

<p>PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES APPLICANT: GEORGETOWN COUNTY</p> <p>LATITUDE: 33.531885° LONGITUDE: 79.034509°</p> <p>SURVEY DATUM: MLW</p>	<p>FIGURE 1 LOCATION MAP</p> <p>0 5,000' 10,000' 20,000'</p> <p>SCALE 1" = 10,000'</p> <p>GEORGETOWN COUNTY MURRELLS INLET DREDGING GEORGETOWN AND HORRY COUNTIES, SC</p>	<p>PROPOSED: DREDGING</p> <p>AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET</p> <p>IN: MURRELLS INLET/GARDEN CITY</p> <p>COUNTY OF: GEORGETOWN AND HORRY SOUTH CAROLINA</p> <p>SHEET: 1 OF 39 DATE: 08/23/23</p>
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TOTAL DREDGE AREA
106.75 AC
4,650,214 SF
590,000 -730,000 CY

LEGEND:

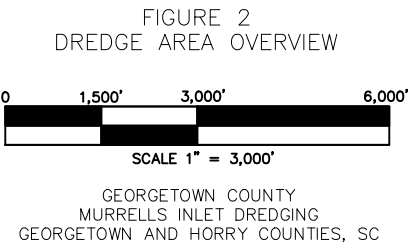
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- MARSHGRASS IMPACT IN DREDGE LIMITS (2014.91 SF)
- MARSHGRASS IMPACT IN SIDESLOPE (62310.33 SF)
- OYSTER IMPACT IN DREDGE LIMITS (1672.26 SF)
- OYSTER IMPACT IN SIDESLOPE (5107.45 SF)

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



PROPOSED: DREDGING

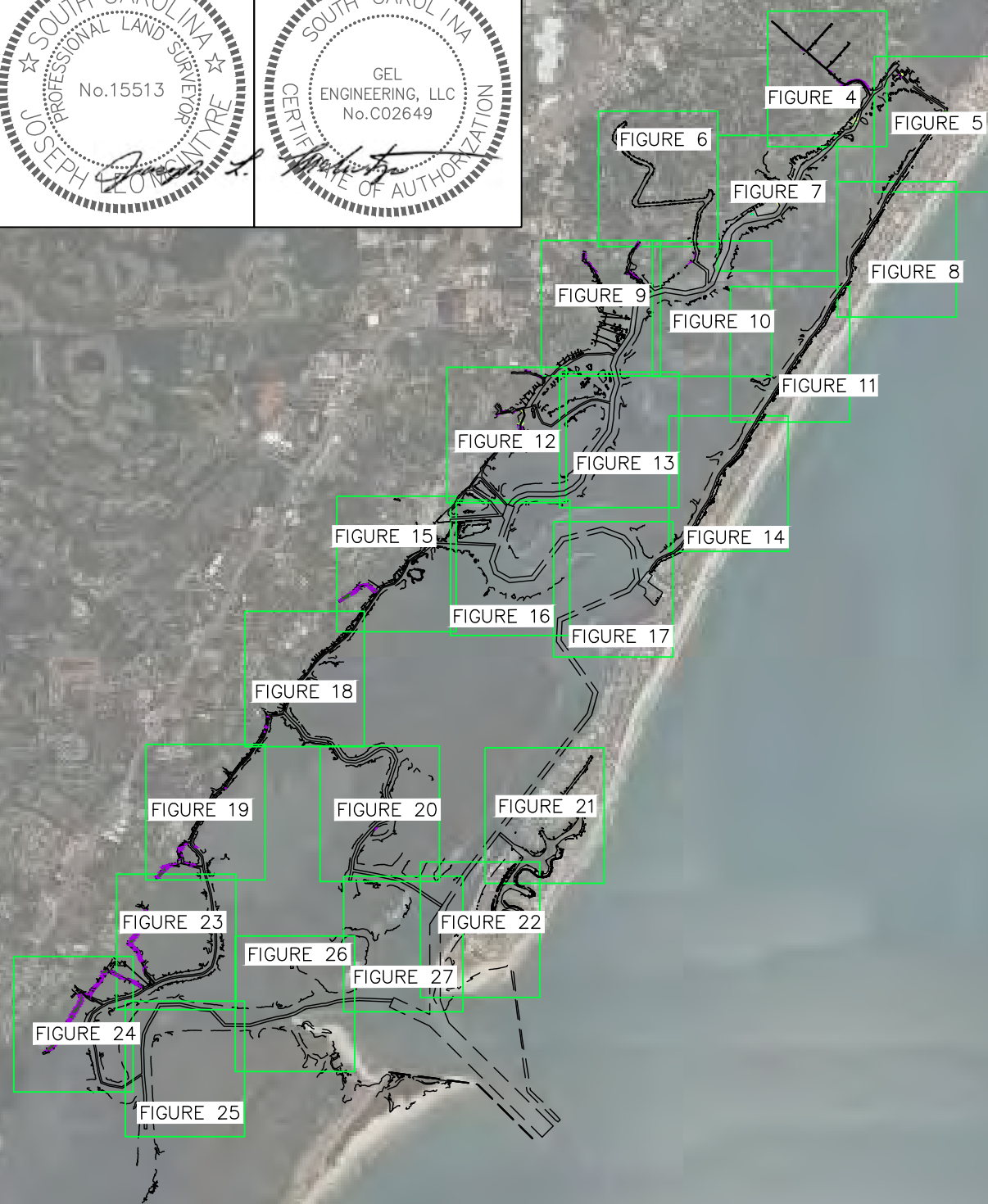
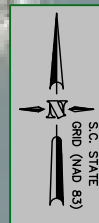
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET MARINAS, PORT VILLAS

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY SOUTH CAROLINA

SHEET: 2 OF 39 DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2023 Projects\GRT00722 - Murrells Inlet Dredge Evaluation & Permitting\GRT00722 - Murrells Inlet Dredge Permitting.dwg LAYOUT TAB: OVERVIEW fig-2
PLOTTER: Aug 23, 2023 - 8:17am BY: EricLipacomb



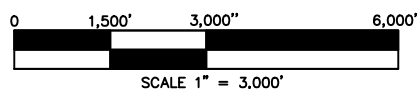
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PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 3
DREDGE AREA INSET MAP



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 3 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evolution & Permitting\CAD\grt00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK C PV - fig 4
PLOTED: Aug 23, 2023 - 8:17am BY: EricLipacomb

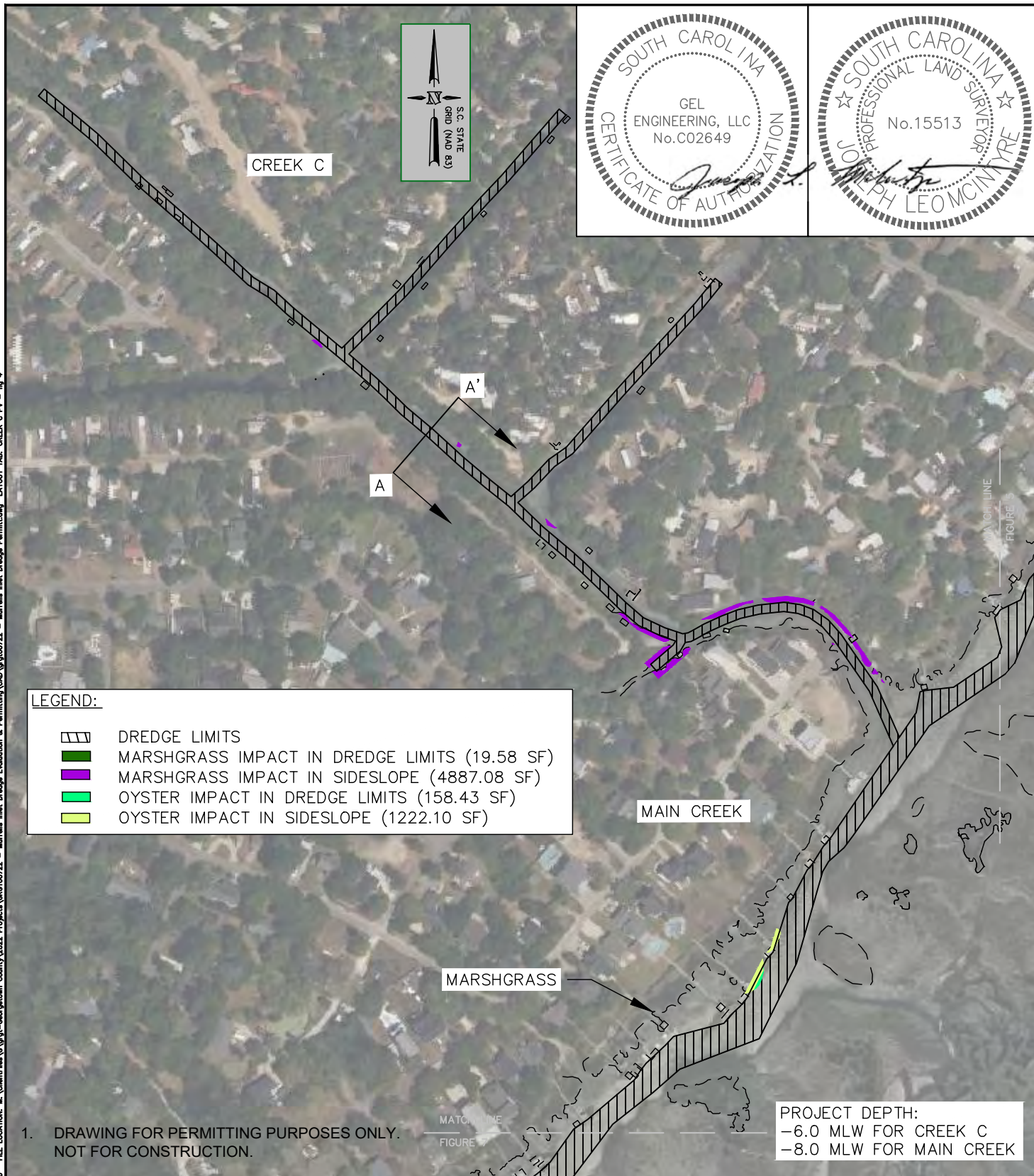
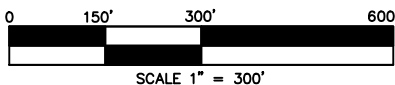


FIGURE 4
CREEK C PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

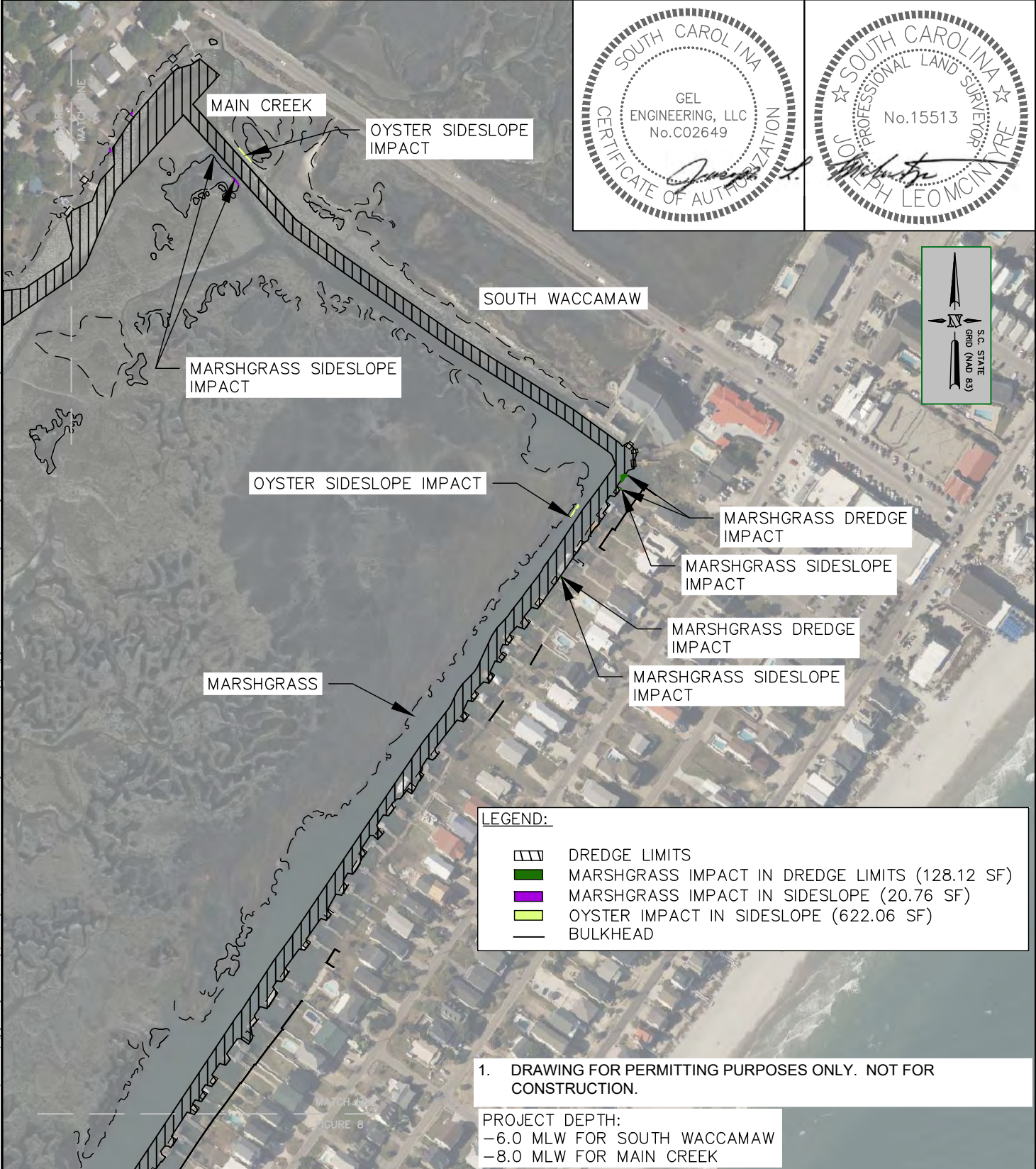
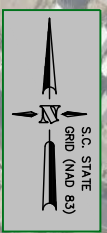
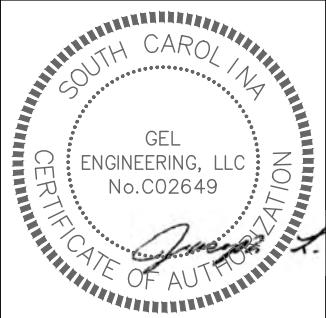
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 4 OF 39

DATE: 06/12/23

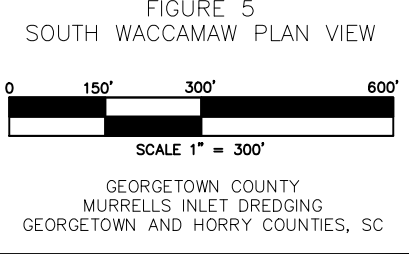
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PLOTED: Aug 23, 2023 - 8:17am BY: EricLipcomb



PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



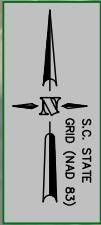
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

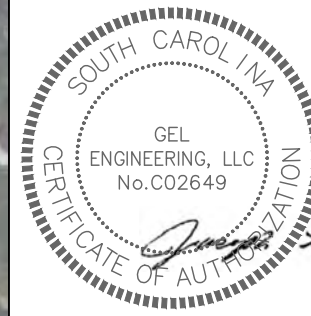
COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 5 OF 39
DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evolution & Permitting\CAD\grgt00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK MTG PV - fig 6
PLOTED: Aug 23, 2023 - 8:17am BY: EricLpascob



PROJECT DEPTH:
-6.0 MLW FOR MT. GILEAD
-6.0 MLW FOR CREEK E



MT GILEAD

LEGEND:

DREDGE LIMITS
 BULKHEAD

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

CREEK E

MATCH LINE
FIGURE 9

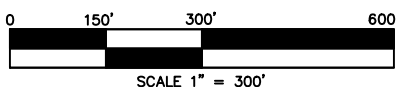
MATCH LINE
FIGURE 10

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 6
MT GILEAD PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 6 OF 39

DATE: 08/23/23

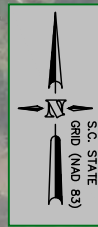
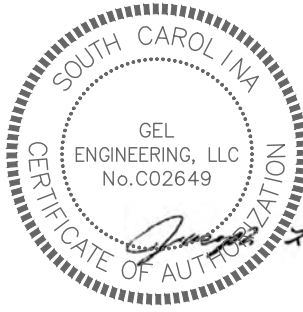


FIGURE 7
MATCH LINE

MARSHGRASS

MAIN CREEK

MATCH LINE
FIGURE 10

LEGEND:

- DREDGE LIMITS
- OYSTER IMPACT IN DREDGE LIMITS (293.42 SF)
- OYSTER IMPACT IN SIDESLOPE (687.10 SF)

PROJECT DEPTH:
-8.0 MLW FOR MAIN CREEK

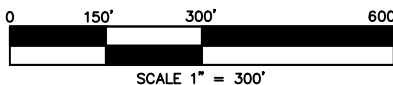
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 7
MAIN CREEK PLAIN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

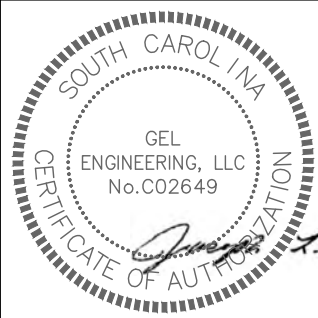
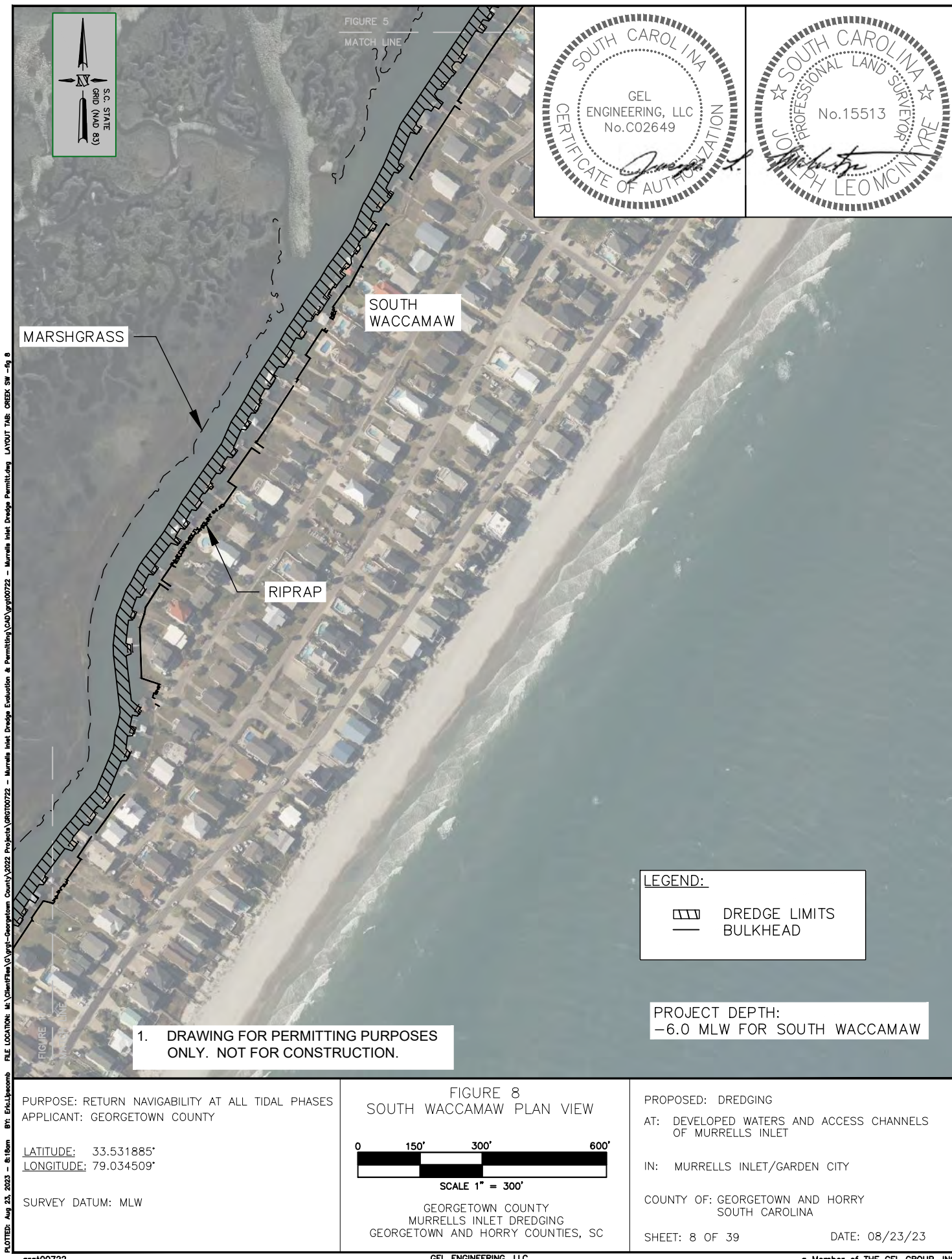
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 7 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2023 Projects\GRT00722 - Murrells Inlet Dredge Evolution & Permitting\GRT00722 - Murrells Inlet Dredge Permitting.dwg LAYOUT TAB: CREEK MAIN - fig 7
PLOT: Aug 23, 2023 - 8:18am BY: EricLipacomb



LEGEND:

 DREDGE LIMITS

 BULKHEAD

PROJECT DEPTH:
-6.0 MLW FOR SOUTH WACCAMAW

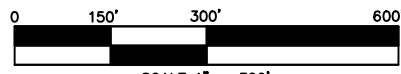
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PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

**FIGURE 8
SOUTH WACCAMAW PLAN VIEW**



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

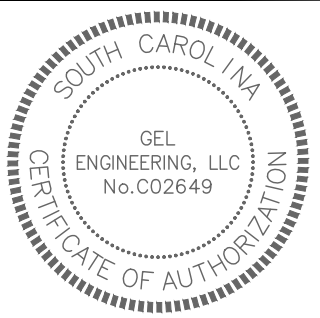
COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 8 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evaluation & Permitting\GRT00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK SW -fig. 8
PLOT: Aug 23, 2023 - 8:18am BY: EricLipcomb

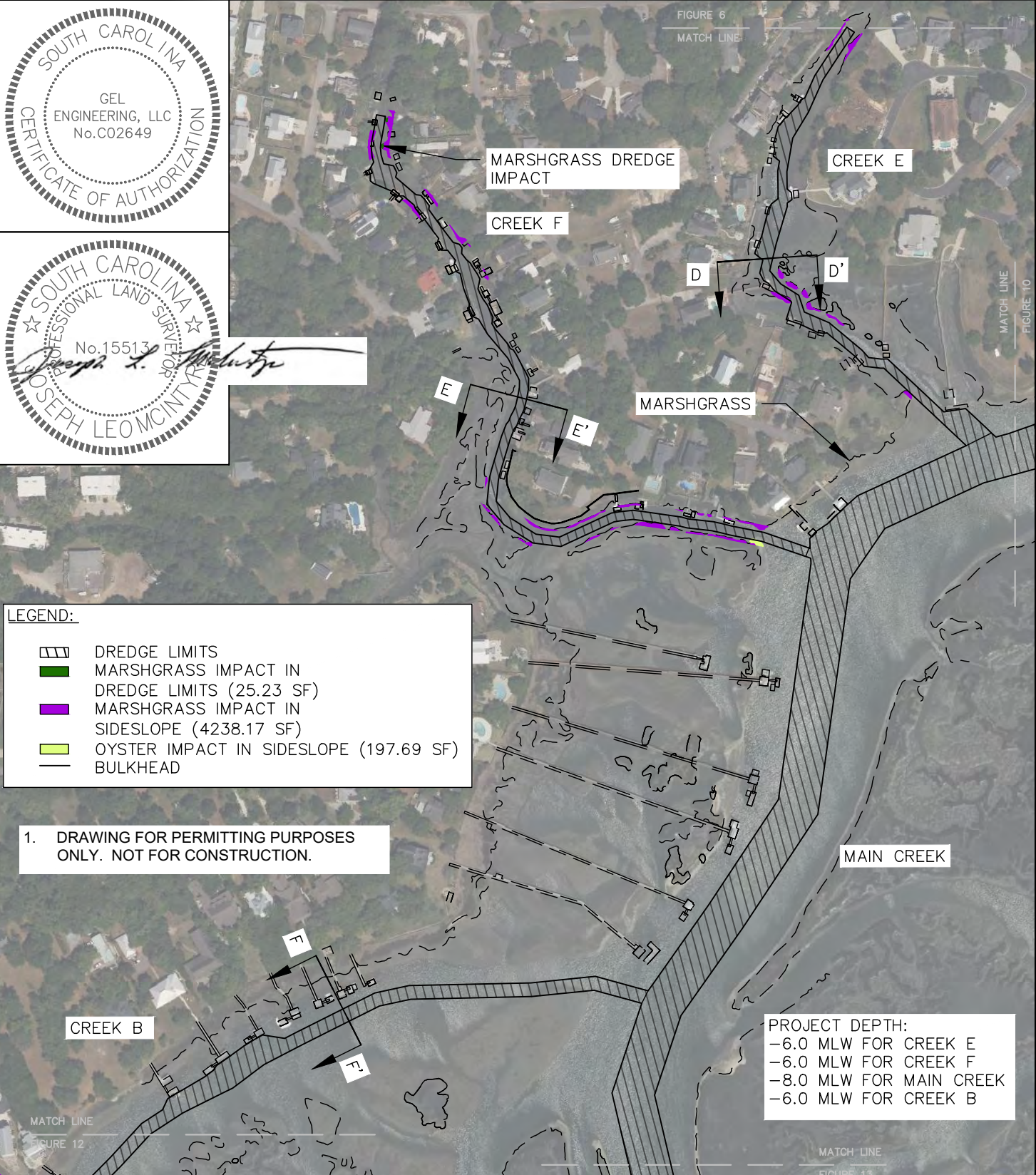
FILE LOCATION: M:\ClientFiles\G\Grgt-Georgetown County\2022 Projects\Grgt00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\Grgt00722.dwg LAYOUT TAB: CREEK E - F fig 9
PLOT: Aug 23, 2023 - 8:18am BY: Eric Upcomb



LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN DREDGE LIMITS (25.23 SF)
- MARSHGRASS IMPACT IN SIDESLOPE (4238.17 SF)
- OYSTER IMPACT IN SIDESLOPE (197.69 SF)
- BULKHEAD

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.



PROJECT DEPTH:
-6.0 MLW FOR CREEK E
-6.0 MLW FOR CREEK F
-8.0 MLW FOR MAIN CREEK
-6.0 MLW FOR CREEK B

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

**FIGURE 9
CREEK E, F, B AND MAIN
PLAN VIEW**

0 250' 500' 1,000'

SCALE 1" = 500'

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

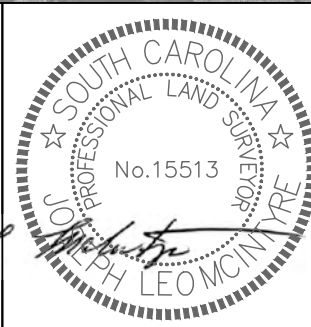
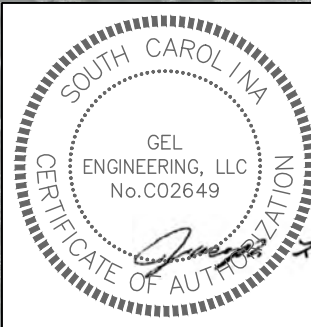
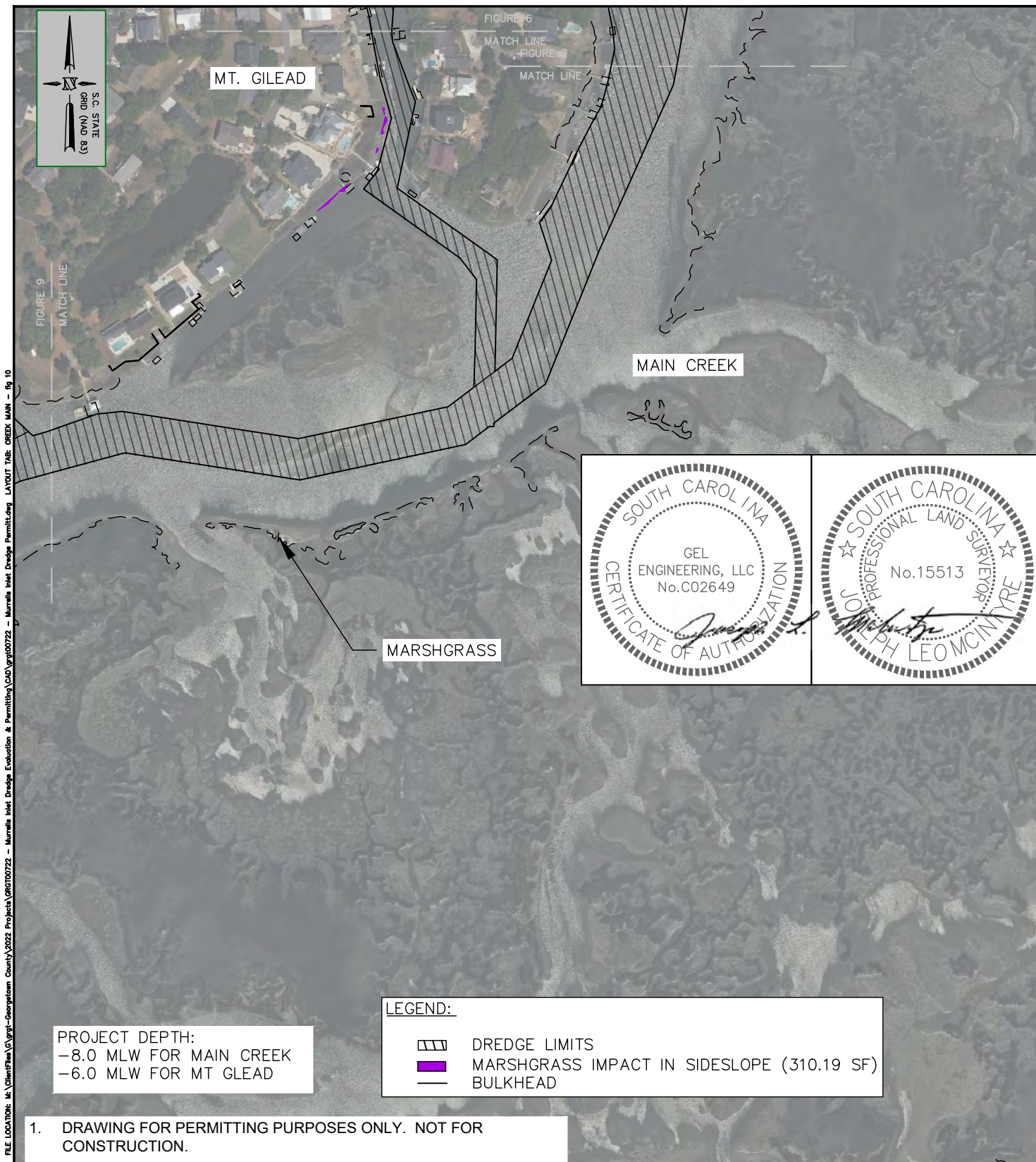
PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 9 OF 39 DATE: 08/23/23



LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN SIDESLOPE (310.19 SF)
- BULKHEAD

PROJECT DEPTH:
-8.0 MLW FOR MAIN CREEK
-6.0 MLW FOR MT GLEAD

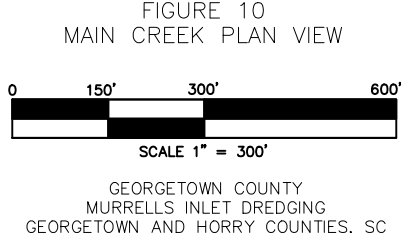
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

FILE LOCATION: M:\ClientFiles\G\Gt\Georgetown County\2022 Projects\Grgt00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\grgt00722.dwg LAYOUT TAB: CREEK MAIN - fig 10
PLOT: Aug 23, 2023 - 8:18am BY: EricLipacomb

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

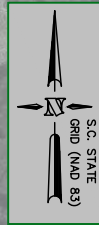
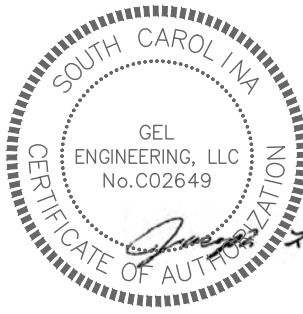


PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 10 OF 39 DATE: 08/23/23

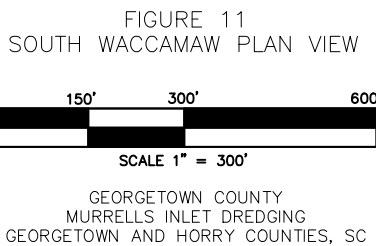


FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evaluation & Permitting\GRT00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK SW - fig 11
PLOT: Aug 23, 2023 - 8:18am BY: Eric Upcomb

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

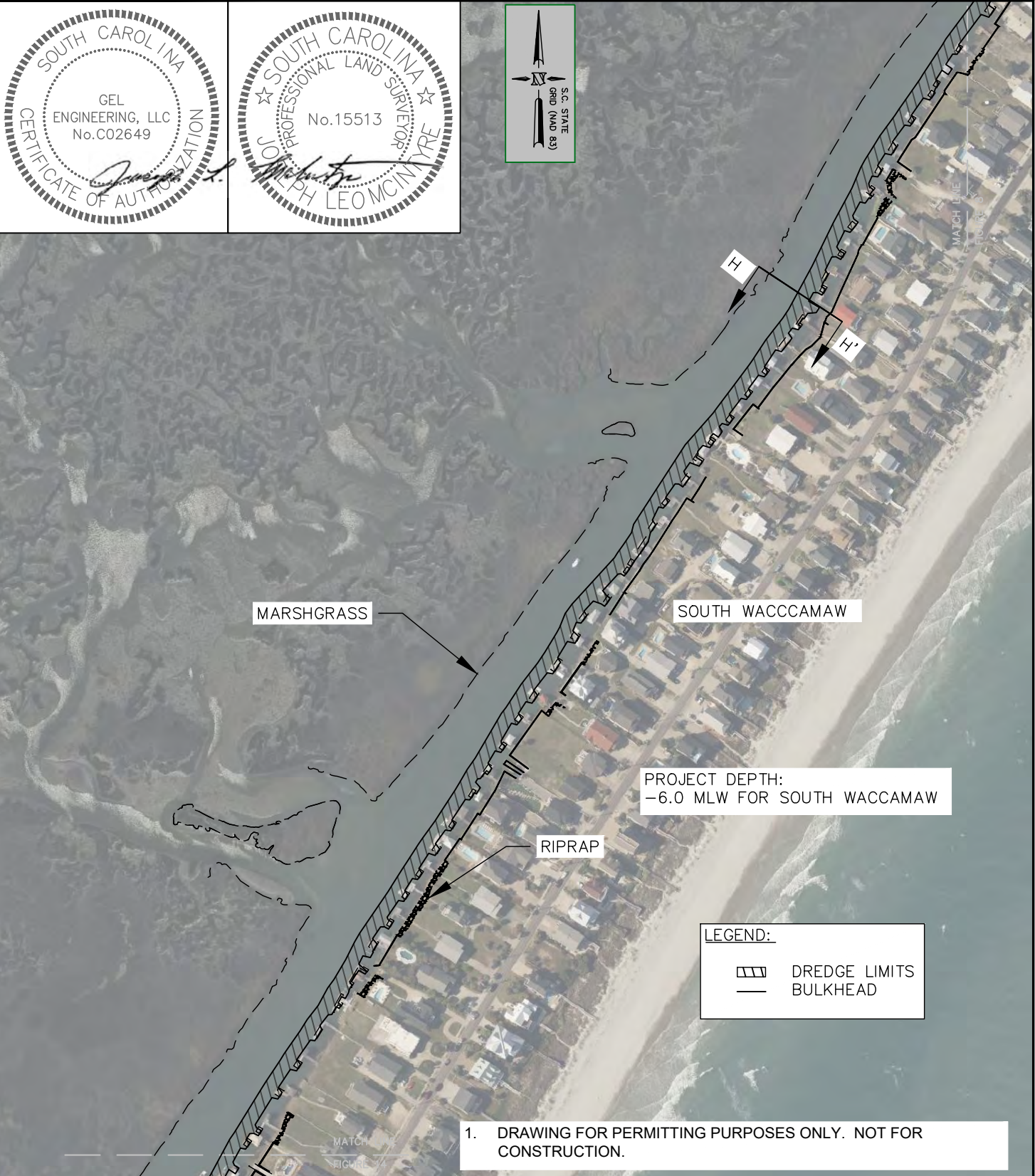


PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

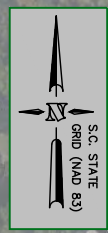
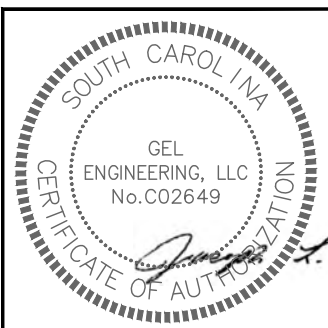
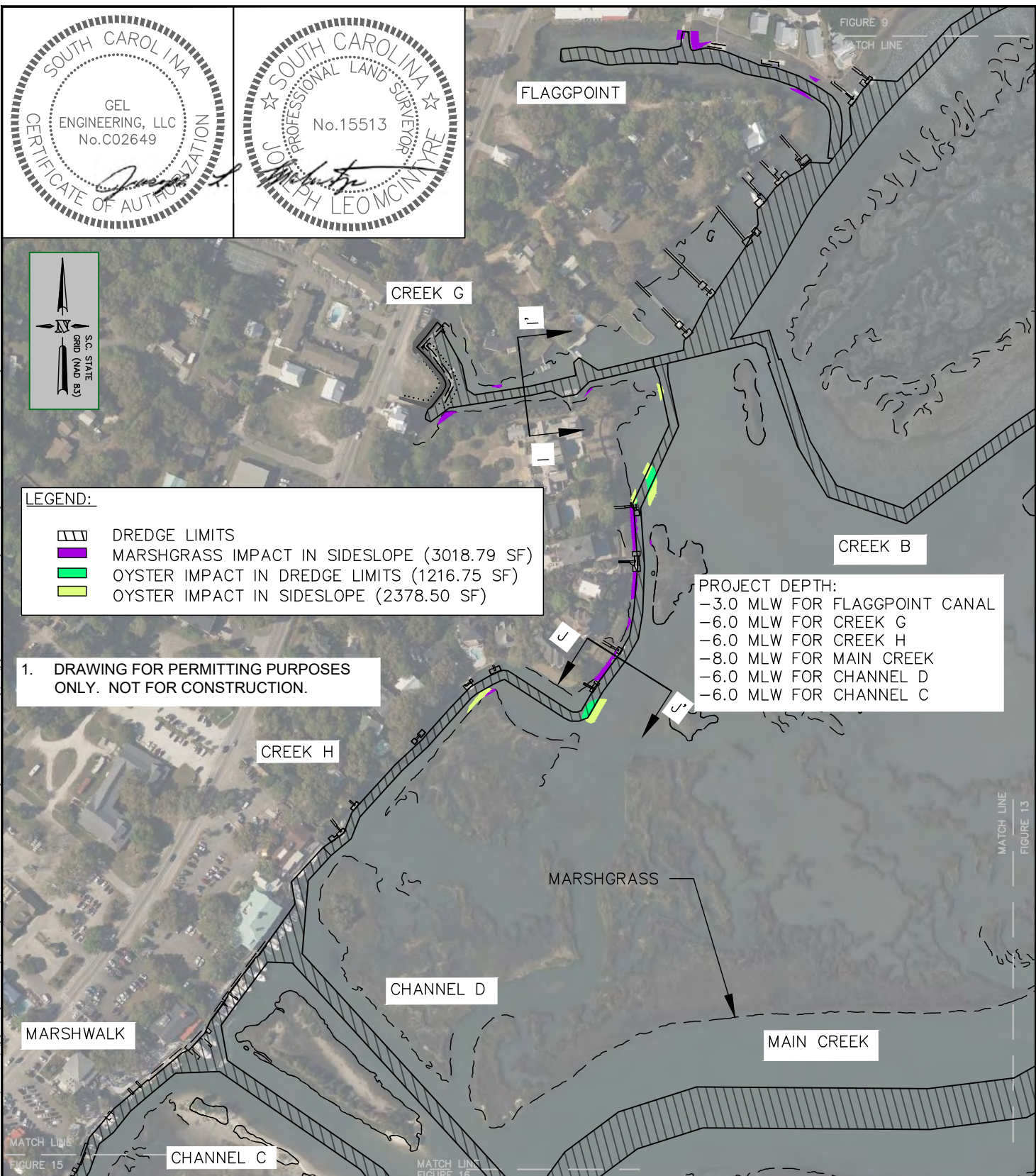
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 11 OF 39 DATE: 08/23/23



FILE LOCATION: M:\ClientFiles\Georgetown County\2023 Projects\GRGT00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\grgt00722.dwg LAYOUT TAB: CREEK FP - 0 - H fig 12
PLOTED: Aug 23, 2023 - 8:18am BY: EricLiscomb



LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN SIDESLOPE (3018.79 SF)
- OYSTER IMPACT IN DREDGE LIMITS (1216.75 SF)
- OYSTER IMPACT IN SIDESLOPE (2378.50 SF)

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PROJECT DEPTH:
-3.0 MLW FOR FLAGGPOINT CANAL
-6.0 MLW FOR CREEK G
-6.0 MLW FOR CREEK H
-8.0 MLW FOR MAIN CREEK
-6.0 MLW FOR CHANNEL D
-6.0 MLW FOR CHANNEL C

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 12
FLAGGPOINT, CREEK G, H
CHANNEL C, D PLAN VIEW

0 150' 300' 600'

SCALE 1" = 300'

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

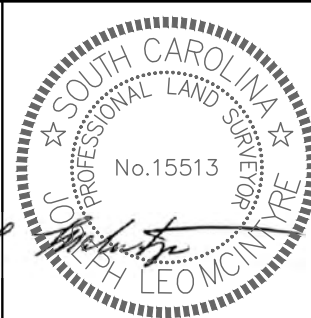
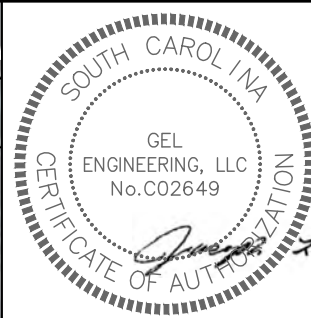
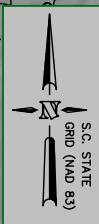
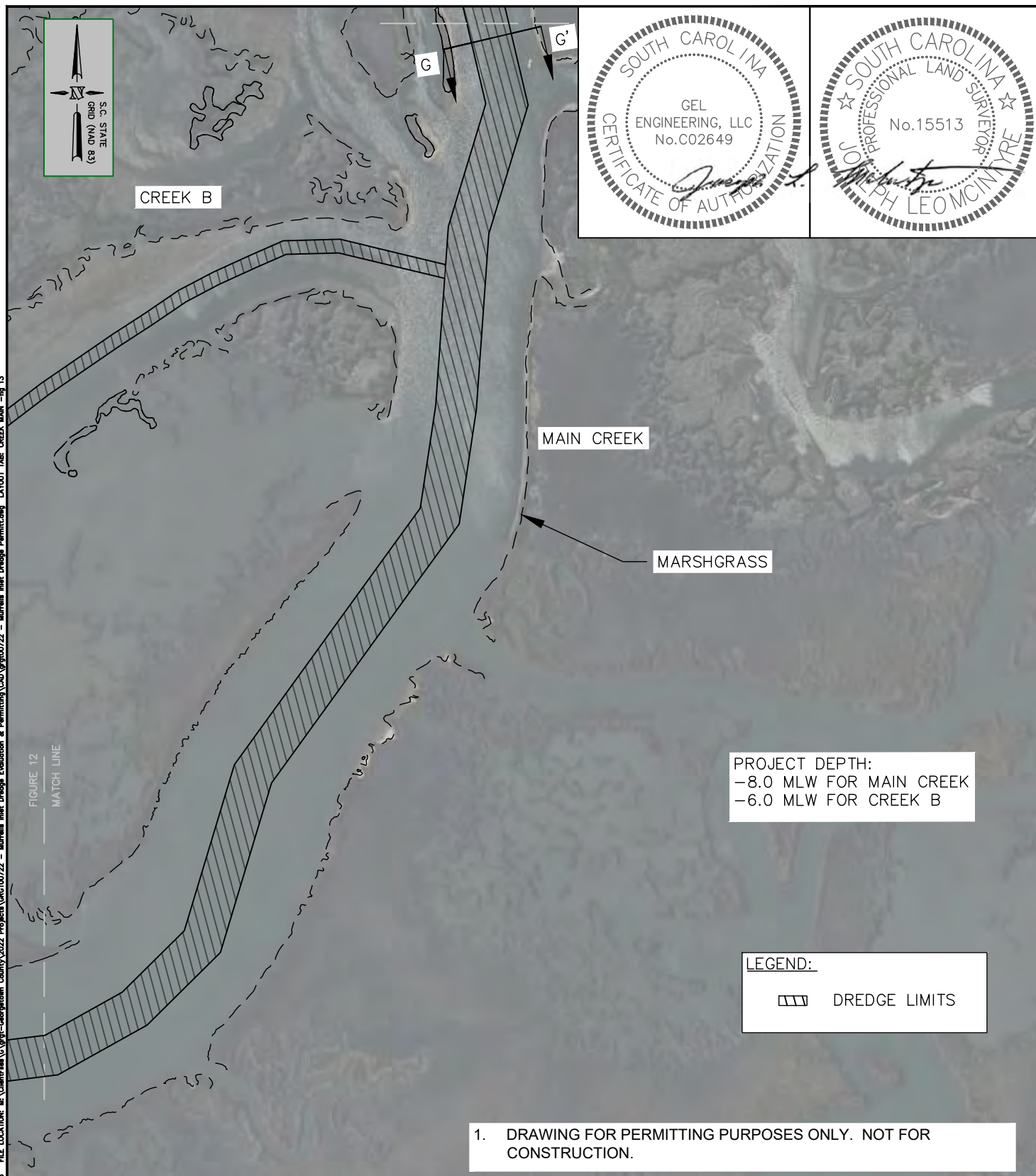
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 12 OF 39 DATE: 8/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evolution & Permitting\CAD\grt00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK MAIN -fig 13
PLOT: Aug 23, 2023 - 8:18am BY: Eric Updecomb



PROJECT DEPTH:
-8.0 MLW FOR MAIN CREEK
-6.0 MLW FOR CREEK B

LEGEND:
 DREDGE LIMITS

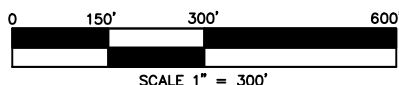
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 13
MAIN CREEK PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

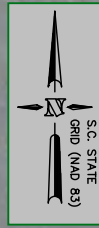
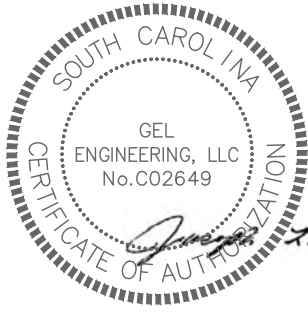
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 13 OF 39

DATE: 08/23/23

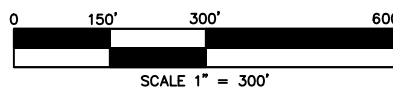


PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 14
SOUTH WACCAMAW PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 14 OF 39

DATE: 08/23/23

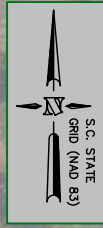
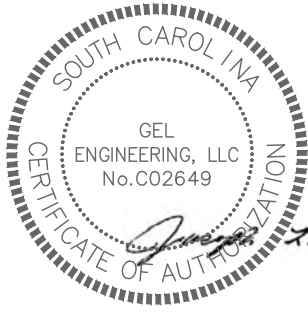


FIGURE 12
MATCH LINE

MARSHWALK

MARSH VIEW MARINA
(MVM)

SCDNR BOAT LANDING

PARSONAGE CREEK

CHANNEL A

CREEK I

MARSHGRASS DREDGE IMPACT

OYSTER
DREDGE
IMPACT

PROJECT DEPTH:
-6.0 MLW FOR CREEK I
-6.0 MLW FOR PARSONAGE CREEK
-6.0 MLW FOR MARSHWALK
-6.0 MLW FOR CHANNEL A

LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN DREDGE LIMITS (630.64 SF)
- MARSHGRASS IMPACT IN SIDESLOPE (8664.63 SF)
- OYSTER IMPACT IN DREDGE LIMITS (3.66SF)
- BULKHEAD

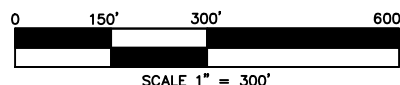
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PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 15
PARSONAGE, CREEK I PLAN VIEW



SCALE 1" = 300'

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

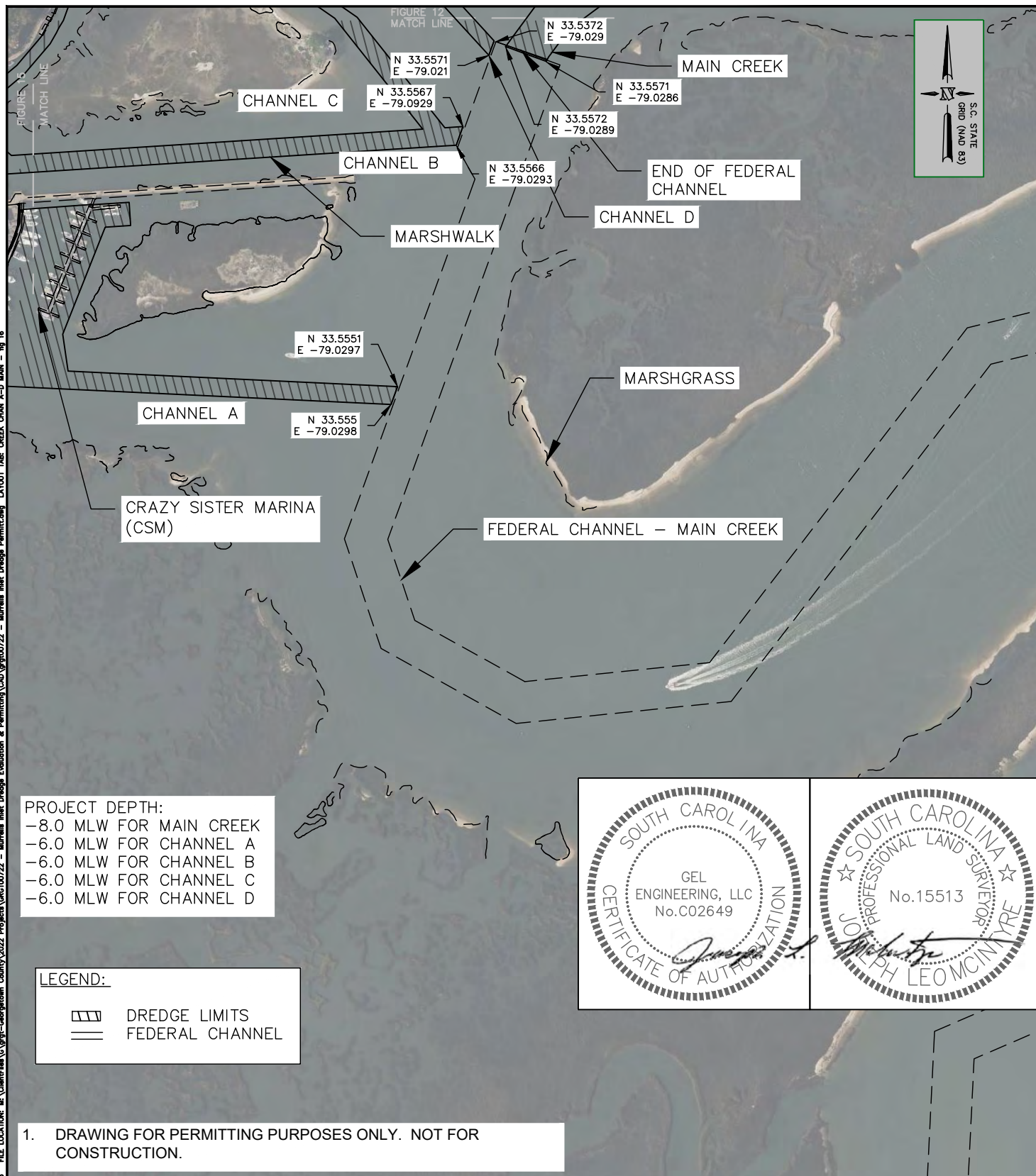
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 15 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\grgt00722 - Murrells Inlet Dredge Evolution & Permitting\CAD\grgt00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK CHAN A-D MAIN - fig 16
PLOT: Aug 23, 2023 - 8:18am BY: EricLipacomb



PROJECT DEPTH:
-8.0 MLW FOR MAIN CREEK
-6.0 MLW FOR CHANNEL A
-6.0 MLW FOR CHANNEL B
-6.0 MLW FOR CHANNEL C
-6.0 MLW FOR CHANNEL D

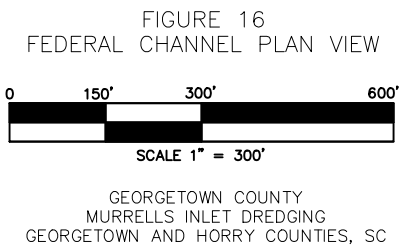
LEGEND:
DREDGE LIMITS
FEDERAL CHANNEL

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



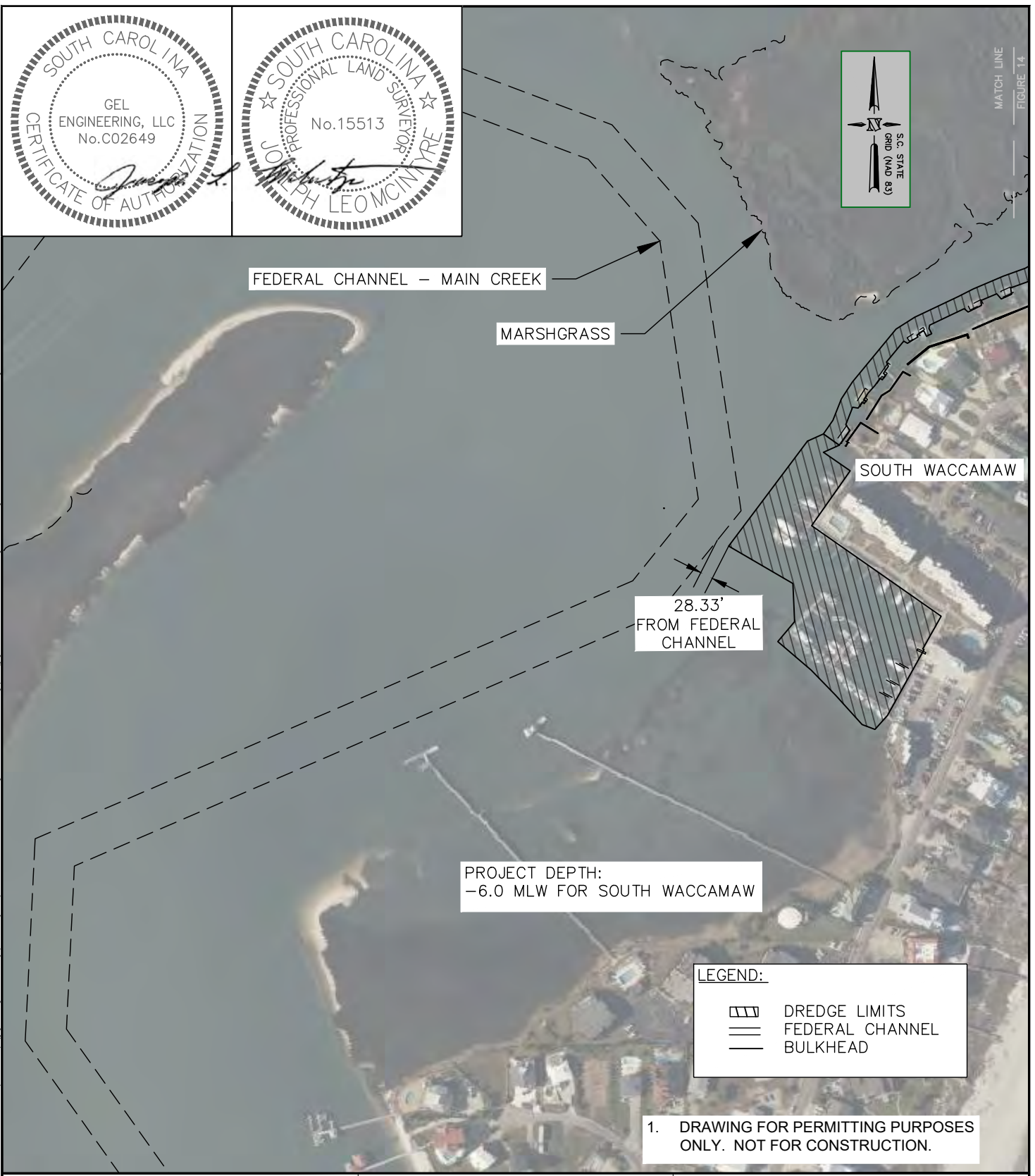
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 16 OF 39
DATE: 08/23/23

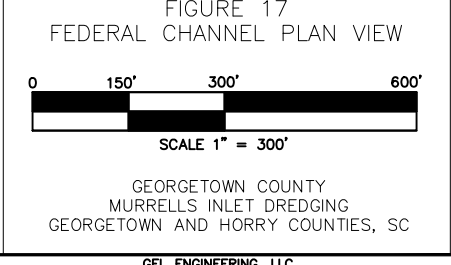
FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evaluation & Permitting\GRT00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK FED SW - Fig 17
PLOT: Aug 23, 2023 - 8:18am BY: EricLipacomb



PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



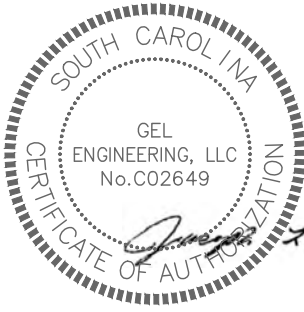
PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 17 OF 39 DATE: 08/23/23



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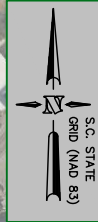


FIGURE 15
MATCH LINE

PARSONAGE CREEK

PROJECT DEPTH:
-6.0 MLW FOR PARSONAGE CREEK
-8.0 MLW FOR CREEK A

MARSHGRASS

LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN SIDESLOPE (218.88 SF)

CREEK A

MARSHGRASS
SIDESLOPE
IMPACT

MATCH LINE
FIGURE 19

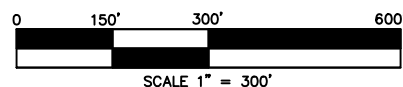
MATCH LINE
FIGURE 20

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 18
PARSONAGE, CREEK A PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 18 OF 39

DATE: 08/23/23

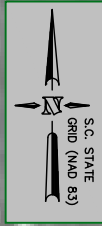


FIGURE 18
MATCH LINE

PROJECT DEPTH:
-6.0 MLW FOR PARSONAGE CREEK
-8.0 MLW FOR ALSTON CREEK
-6.0 MLW FOR CREEK J

LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN DREDGE LIMITS (115.35 SF)
- MARSHGRASS IMPACT IN SIDESLOPE (8314.17 SF)

CREEK J

MARSHGRASS
DREDGE IMPACT

ALLSTON CREEK

PARSONAGE CREEK

MARSHGRASS

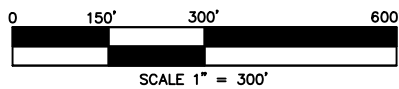
1. DRAWING FOR PERMITTING PURPOSES
ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 19
PARSONAGE, CREEK J PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

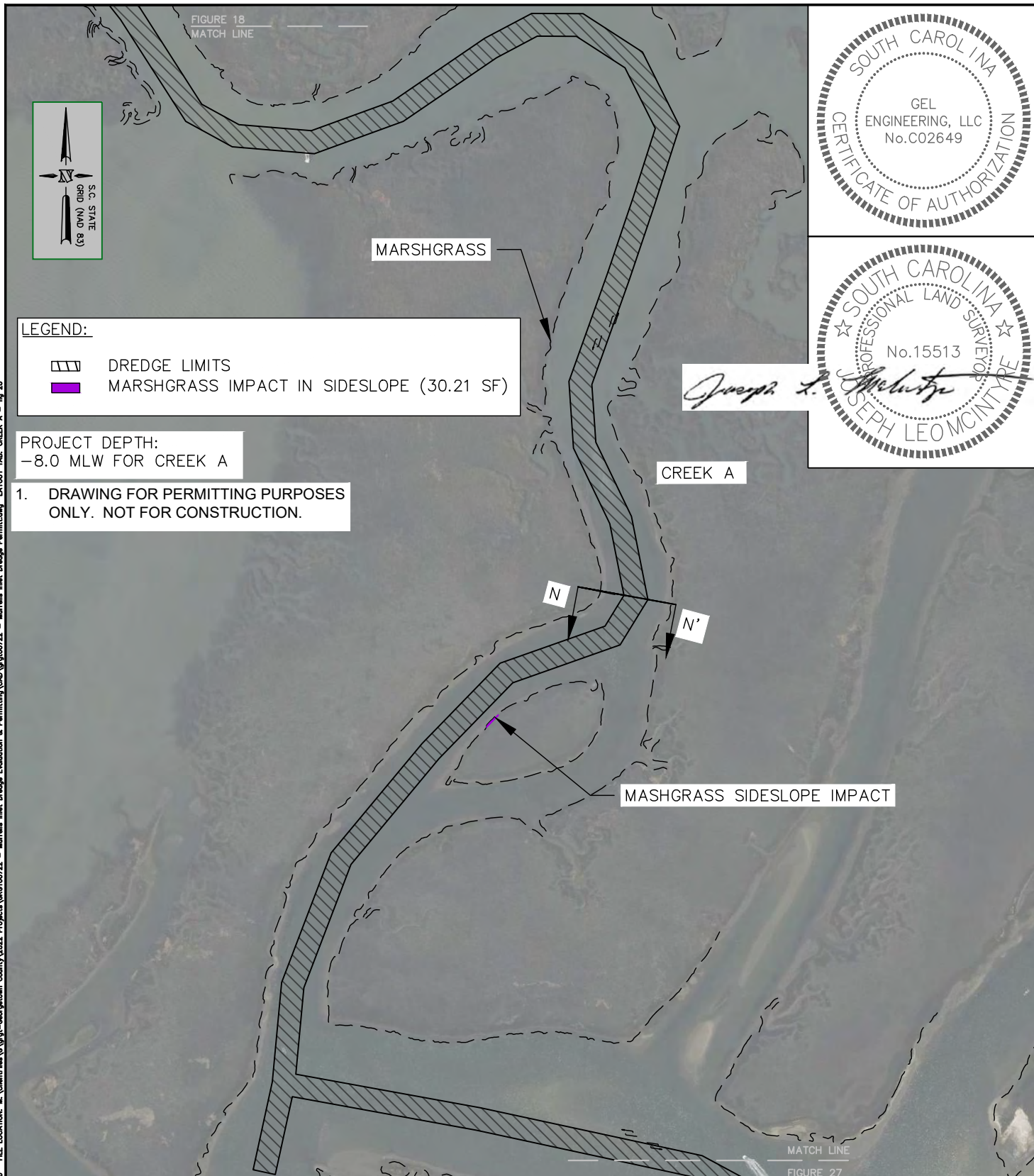
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 19 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evaluation & Permitting\GRT00722 - Murrells Inlet Dredge Permitting.dwg LAYOUT TAB: CREEK A - fig 20
PLOT: Aug 23, 2023 - 8:19am BY: EricLipacomb

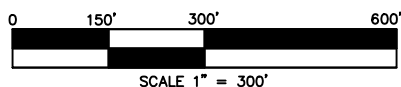


PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 20
CREEK A PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

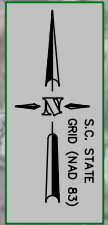
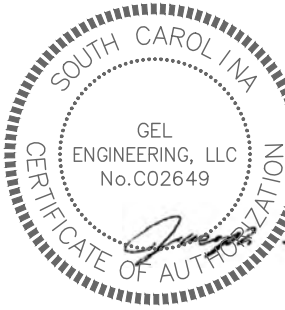
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 20 OF 39

DATE: 08/23/23



PROJECT DEPTH:
-6.0 MLW FOR INLET HARBOR

1. DRAWING FOR PERMITTING PURPOSES
ONLY. NOT FOR CONSTRUCTION.

LEGEND:

- DREDGE LIMITS
- FEDERAL CHANNEL
- BULKHEAD

FEDERAL CHANNEL — MAIN CREEK

N 33.5400
E -79.0298

N 33.5399
E -79.0299

INLET HARBOR

RIPRAP

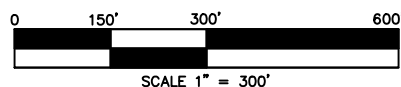
MATCH LINE
FIGURE 22

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 21
INLET HARBOR PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

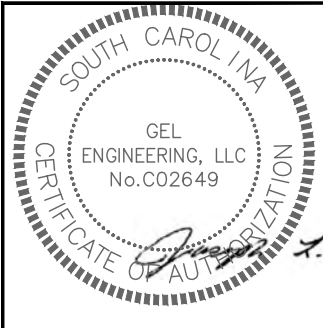
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 21 OF 39

DATE: 08/23/23

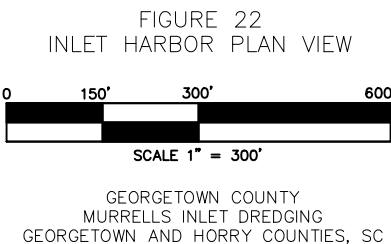


1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND Horry SOUTH CAROLINA

SHEET: 22 OF 39 DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\grgt00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\grgt00722.dwg LAYOUT TAB: CREEK INLET - fig 22
PLOT: Aug 23, 2023 - 8:19am BY: EricLipacomb

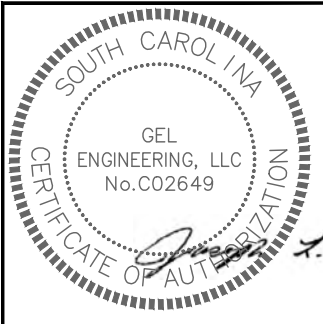
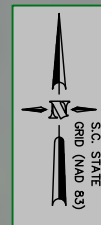


FIGURE 19
MATCH LINE



CREEK K

MASHGRASS DREDGE
IMPACT

ALLSTON CREEK

LEGEND:

-  DREDGE LIMITS
-  MARSHGRASS IMPACT IN DREDGE LIMITS (364.15 SF)
-  MARSHGRASS IMPACT IN SIDESLOPE (14071.69 SF)

MARSHGRASS

MASRHGRSS DREDGE IMPACT

OAKS CREEK

PROJECT DEPTH:
-6.0 MLW FOR CREEK K
-6.0 MLW FOR CREEK J
-8.0 MLW FOR ALLSTON CREEK
-8.0 MLW FOR OAKS CREEK

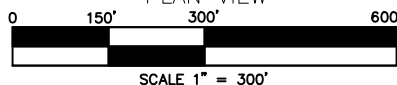
1. DRAWING FOR PERMITTING PURPOSES
ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 23
CREEK K, ALLSTON CREEK
PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

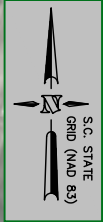
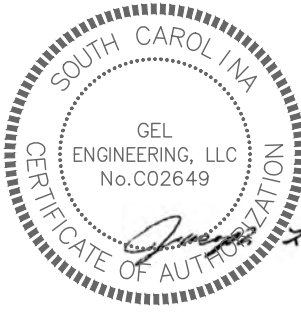
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 23 OF 39

DATE: 08/23/23



MARSHGRASS
DREDGE
IMPACT

CREEK K

MARSHGRASS

MARSHGRASS
DREDGE
IMPACT

ALLSTON CREEK

LEGEND:

- DREDGE LIMITS
- MARSHGRASS IMPACT IN DREDGE LIMITS (731.84 SF)
- MARSHGRASS IMPACT IN SIDESLOPE (18535.76 SF)

PROJECT DEPTH:
-6.0 MLW FOR CREEK K
-8.0 MLW FOR ALLSTON CREEK

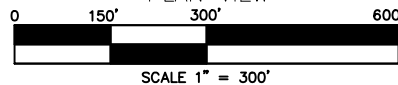
1. DRAWING FOR PERMITTING PURPOSES
ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 24
CREEK K, ALLSTON CREEK
PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

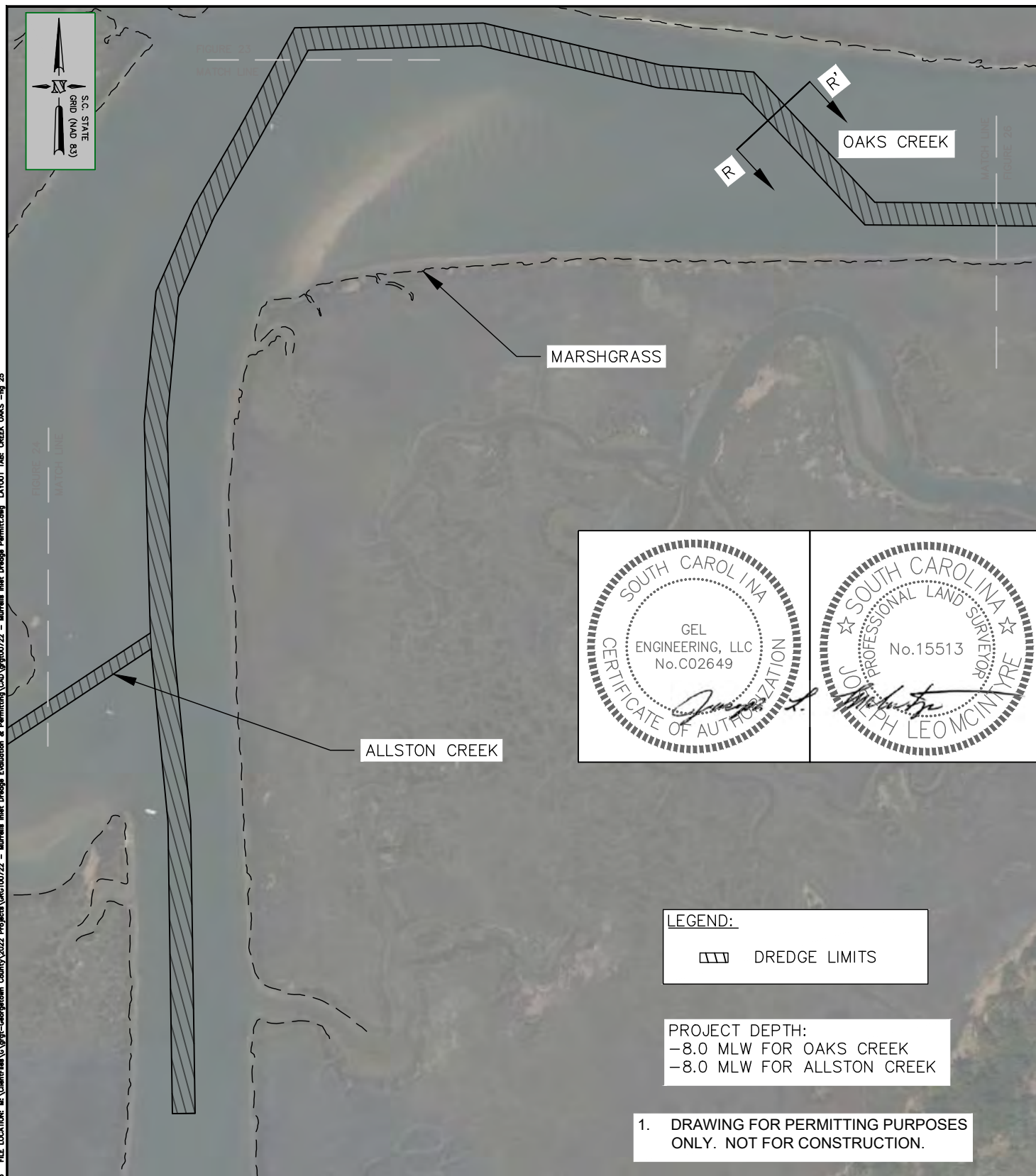
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 24 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\G\grgt-Georgetown County\2022 Projects\GRGT00722 - Murrells Inlet Dredge Evaluation & Permitting\CAD\grgt00722.dwg LAYOUT TAB: CREEK OAKS - fig 25
PLOT: Aug 23, 2023 - 8:19am BY: Eric Upchurch

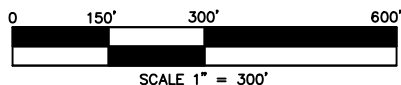


PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 25
OAKS CREEK PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

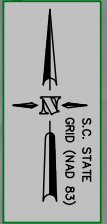
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 24 OF 39

DATE: 08/23/23



LEGEND:

 DREDGE LIMITS

PROJECT DEPTH:
-8.0 MLW FOR OAKS CREEK

MARSHGRASS

OAKS CREEK

MATCH LINE
FIGURE 27

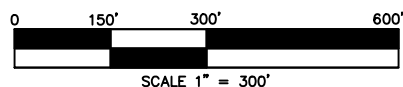
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 26
OAKS CREEK PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

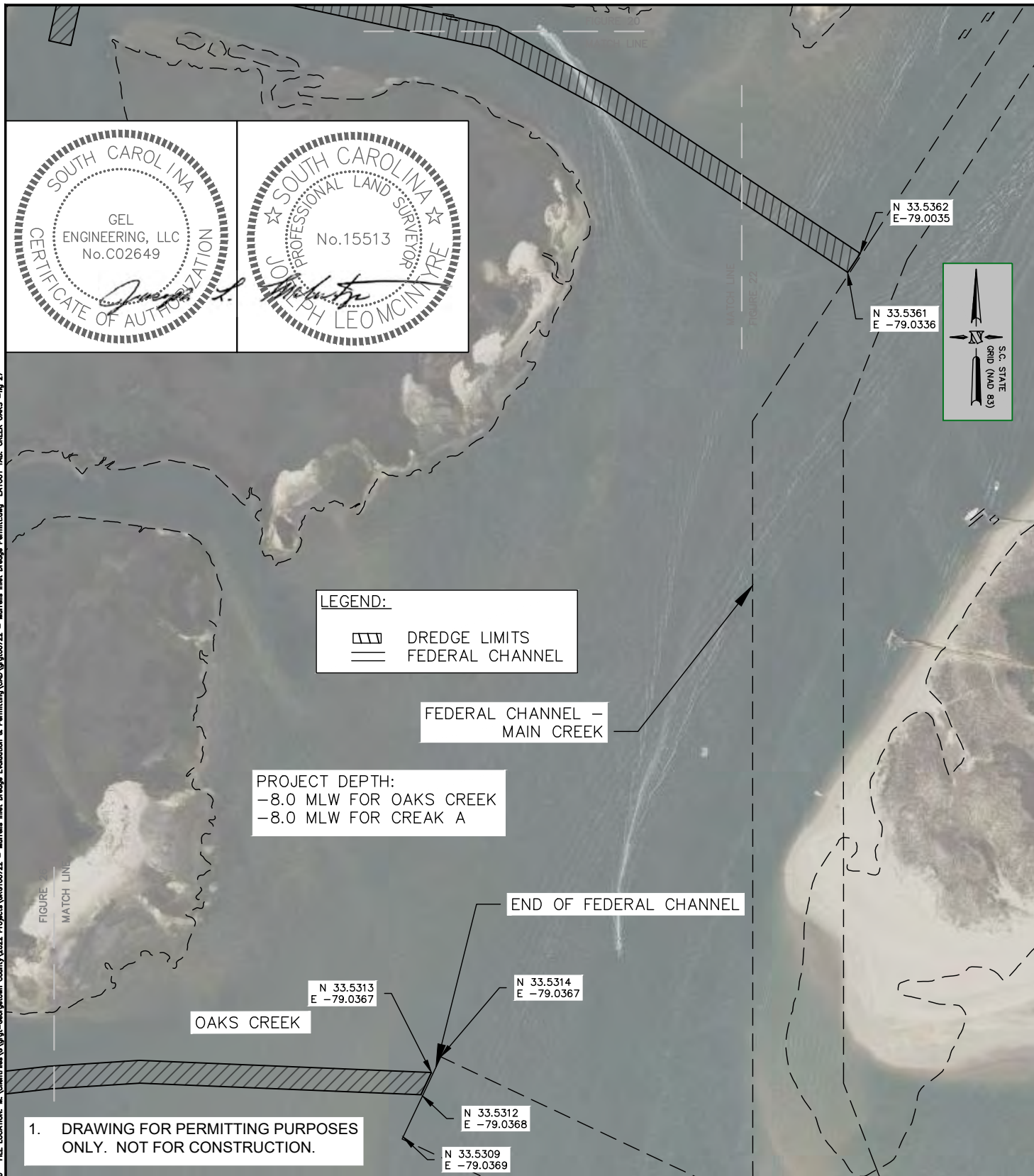
IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 26 OF 39

DATE: 08/23/23

FILE LOCATION: M:\ClientFiles\Georgetown County\2022 Projects\GRT00722 - Murrells Inlet Dredge Evolution & Permitting\CAD\grt00722 - Murrells Inlet Dredge Permit.dwg LAYOUT TAB: CREEK OAKS - fig 27
PLOTED: Aug 23, 2023 - 8:19am BY: Eric Lipacomb

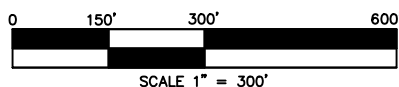


PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 27
OAKS CREEK, CREEK A PLAN VIEW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

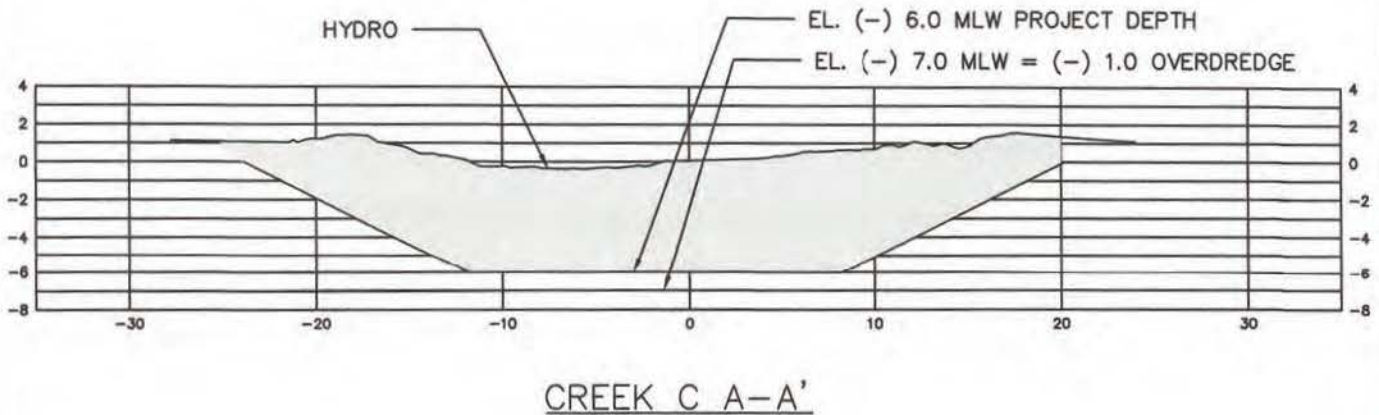
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 27 OF 39

DATE: 08/23/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

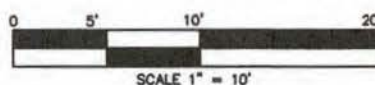
MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 28
SECTION A-A' CREEK C



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

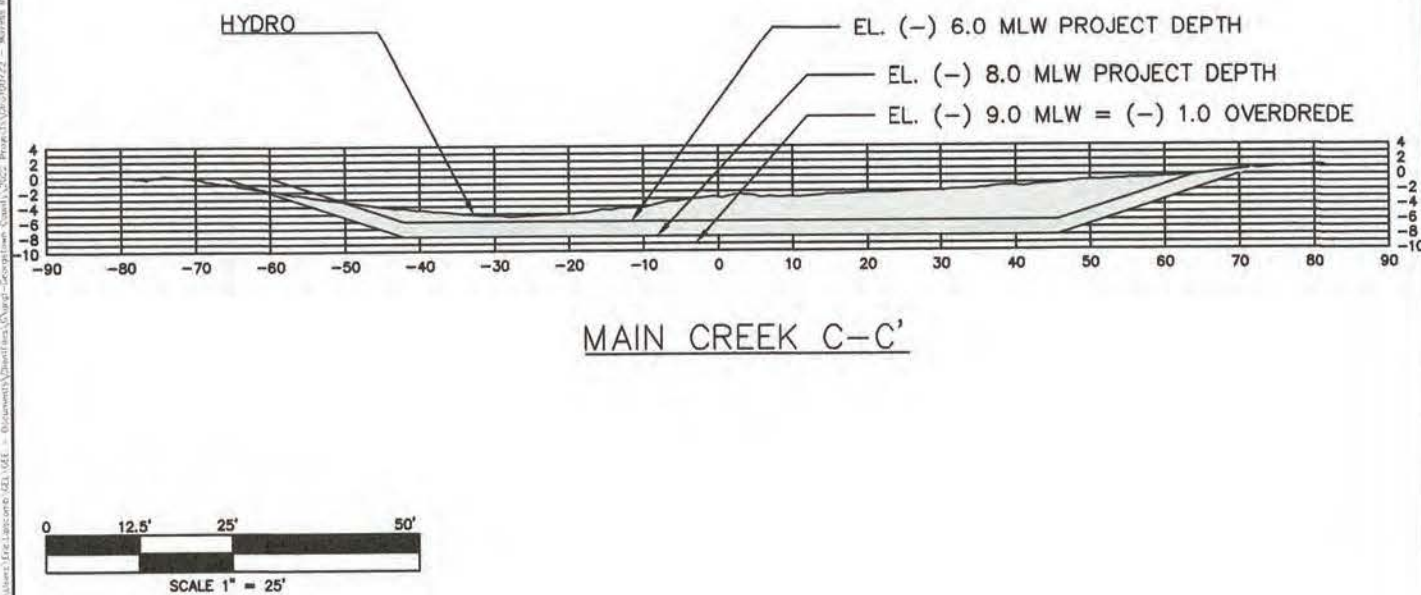
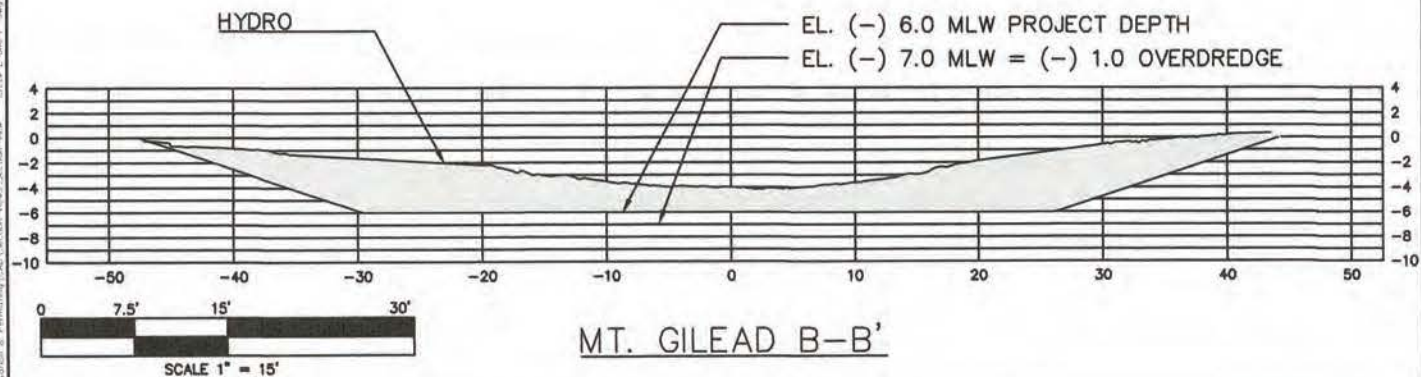
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 28 OF 39

DATE: 06/13/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885'
LONGITUDE: 79.034509'

SURVEY DATUM: MLW

FIGURE 29
SECTION B-B' MT. GILEAD
SECTION C-C' MAIN CREEK

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

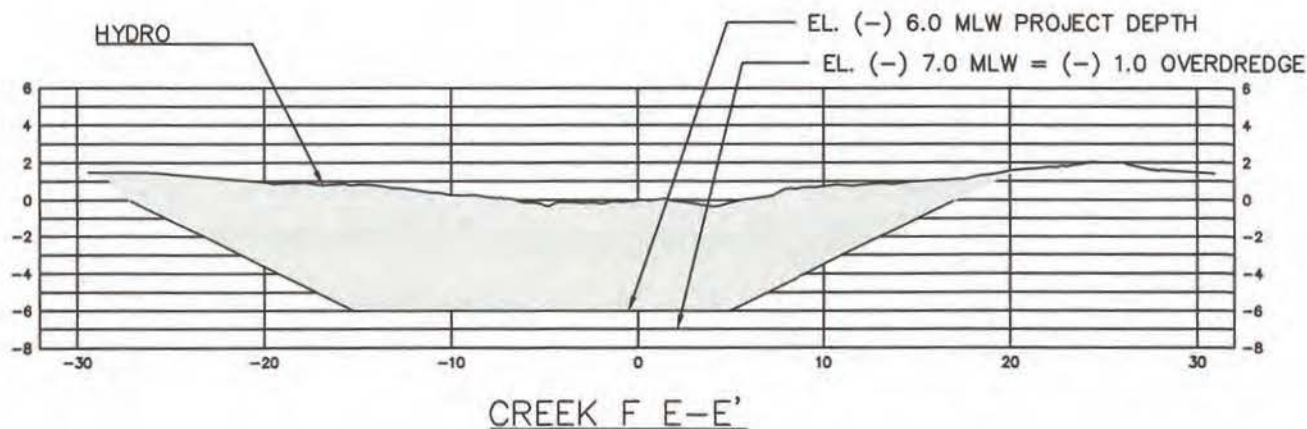
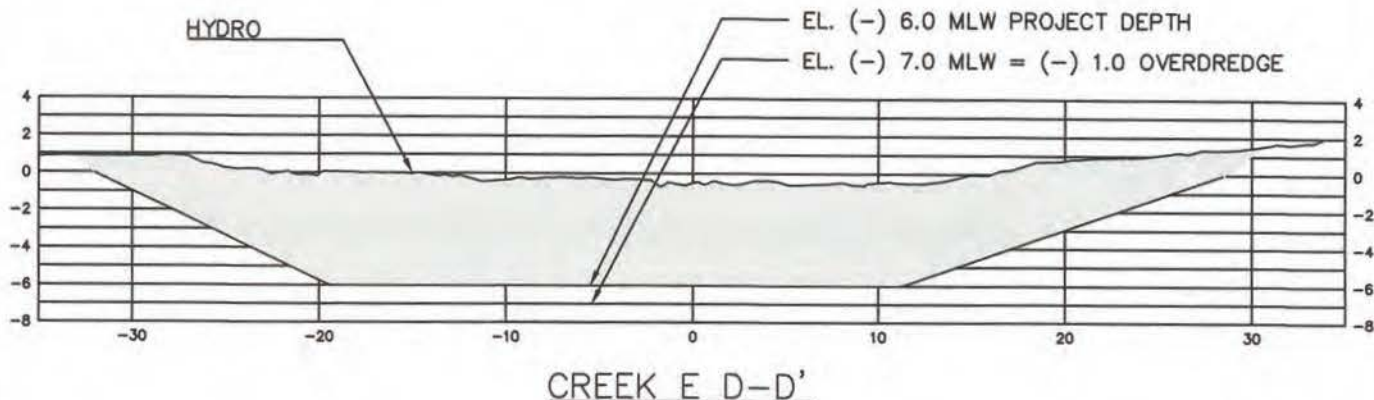
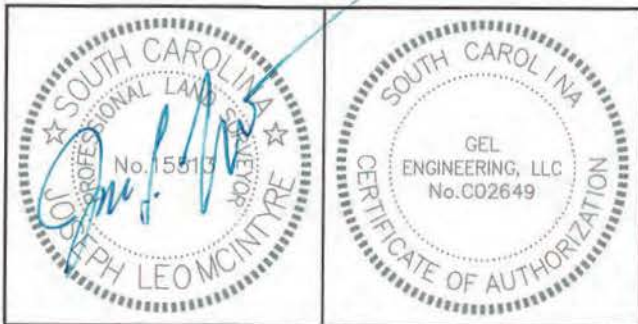
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 29 OF 39

DATE: 06/13/23



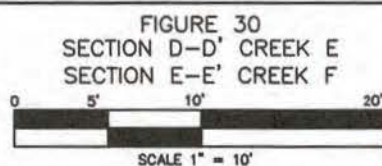
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

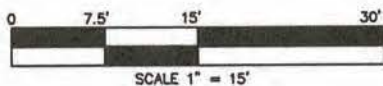
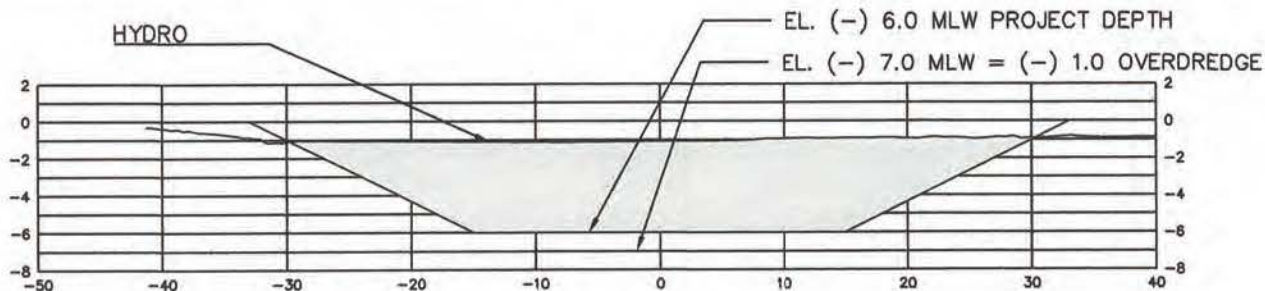
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

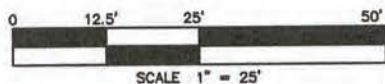
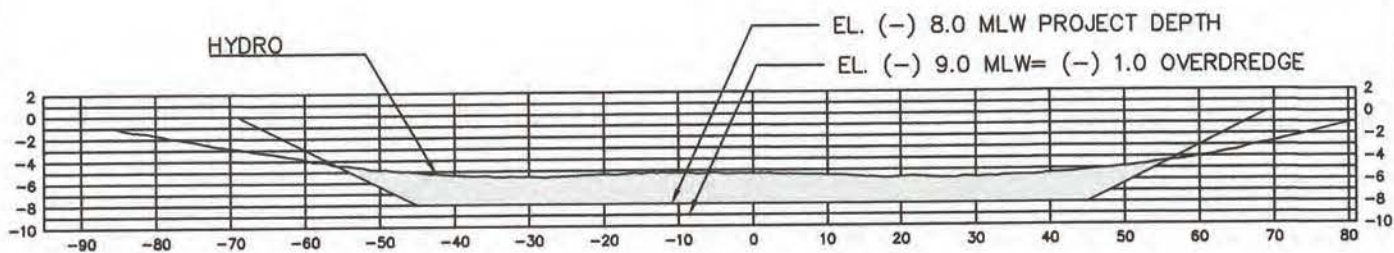
COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 30 OF 39

DATE: 06/13/23



CREEK B F-F'



MAIN CREEK G-G'

1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 31
SECTION F-F' CREEK B
SECTION G-G' MAIN CREEK

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

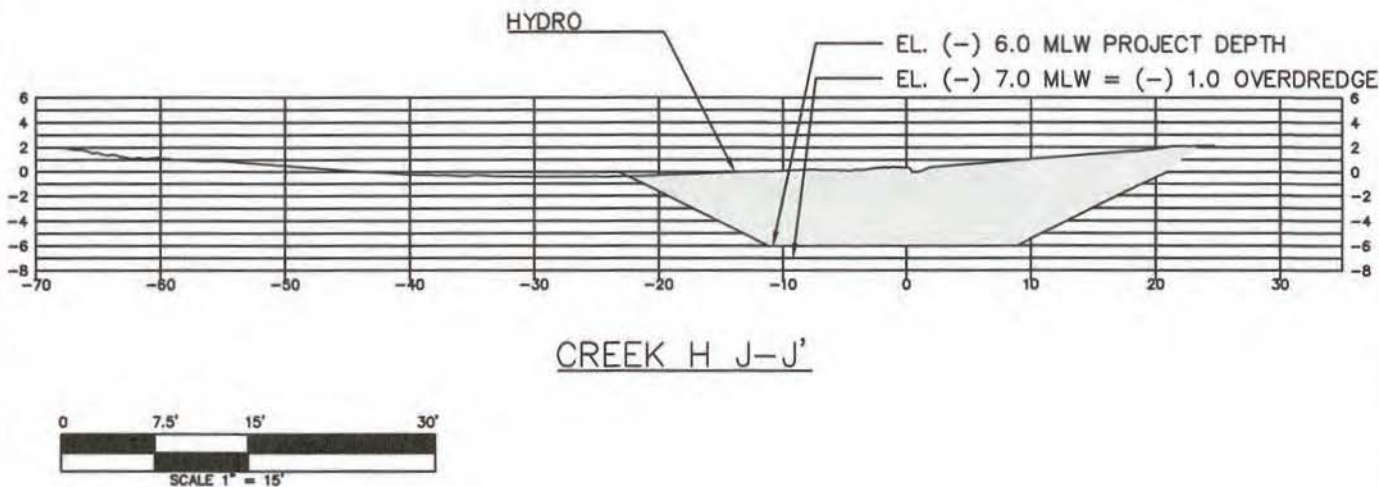
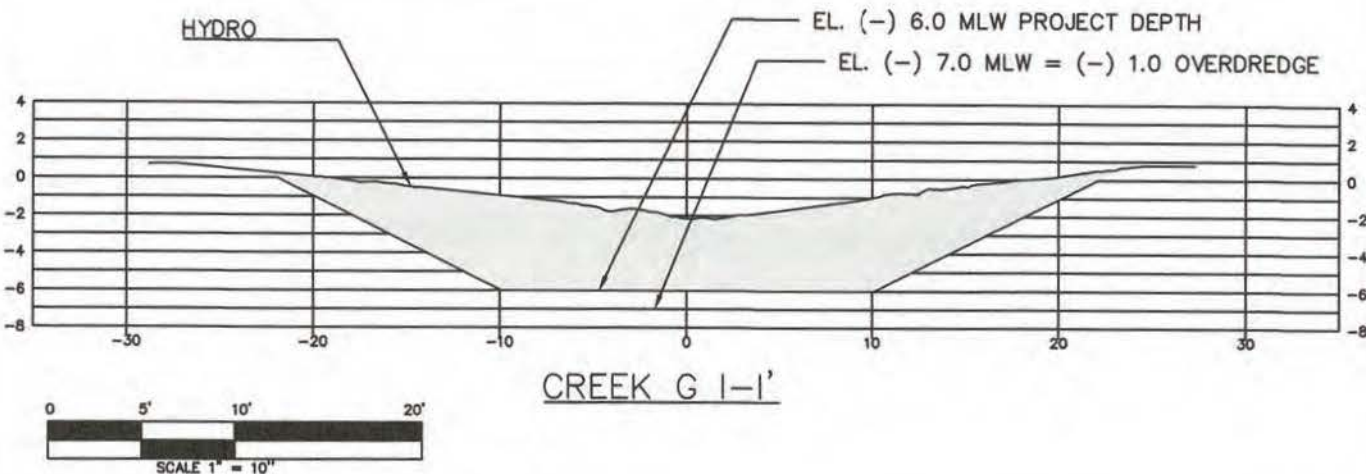
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 31 OF 39

DATE: 06/13/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 33
SECTION I-I' CREEK G
SECTION J-J' CREEK H

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

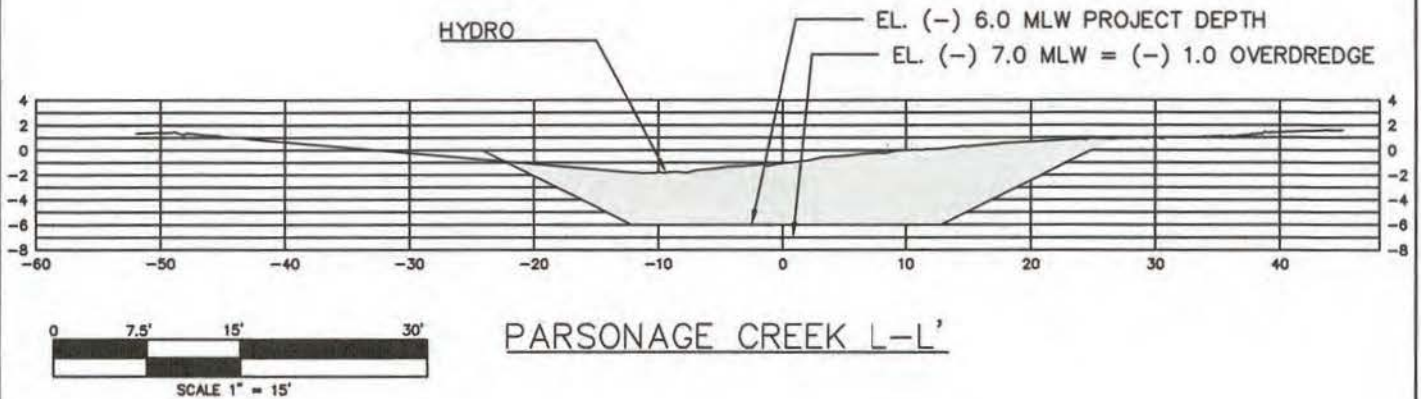
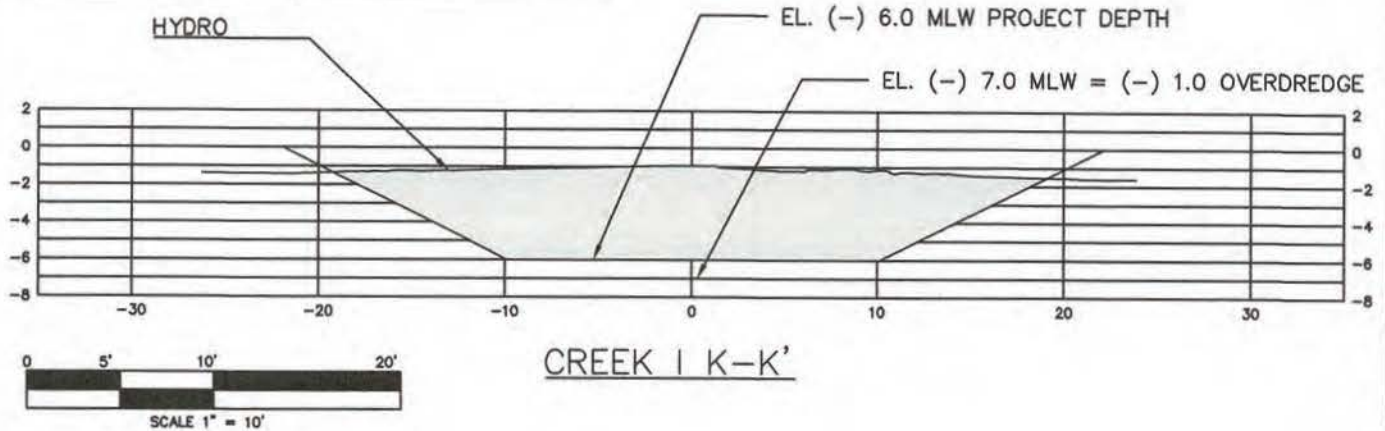
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 33 OF 38

DATE: 06/14/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885'
LONGITUDE: 79.034509'

SURVEY DATUM: MLW

FIGURE 34
SECTION K-K' CREEK I
SECTION L-L' PARSONAGE CREEK

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING

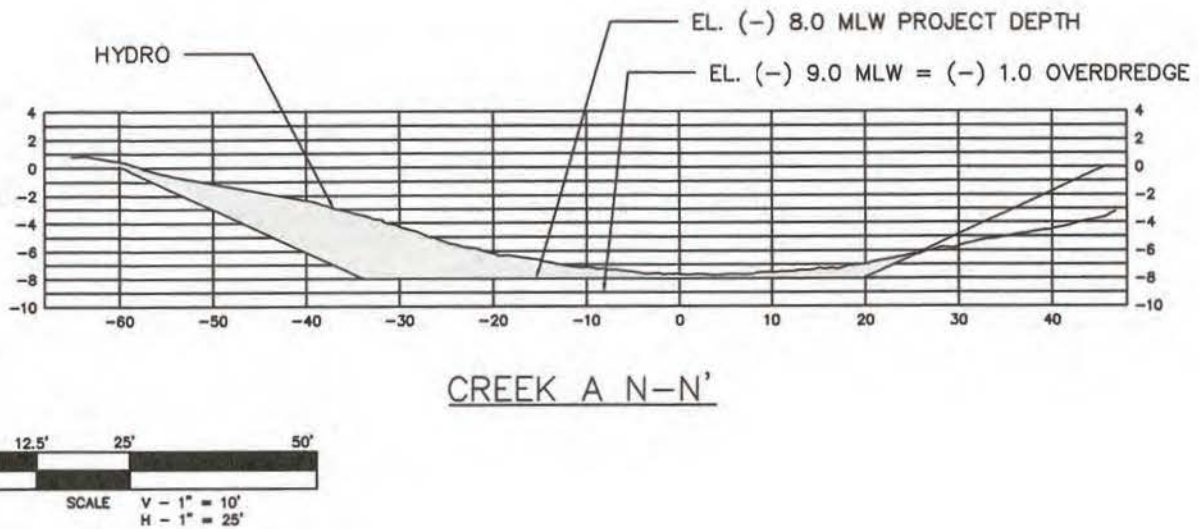
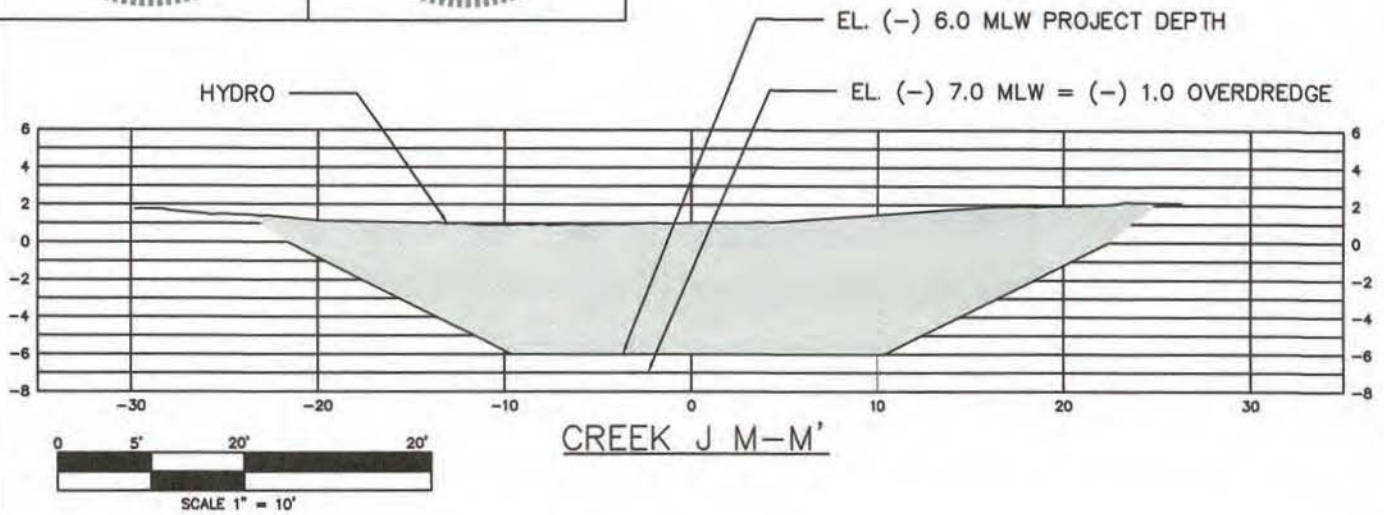
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 34 OF 39

DATE: 06/14/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 35
SECTION M-M' CREEK J
SECTION N-N' CREEK A

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND Horry COUNTIES, SC

PROPOSED: DREDGING

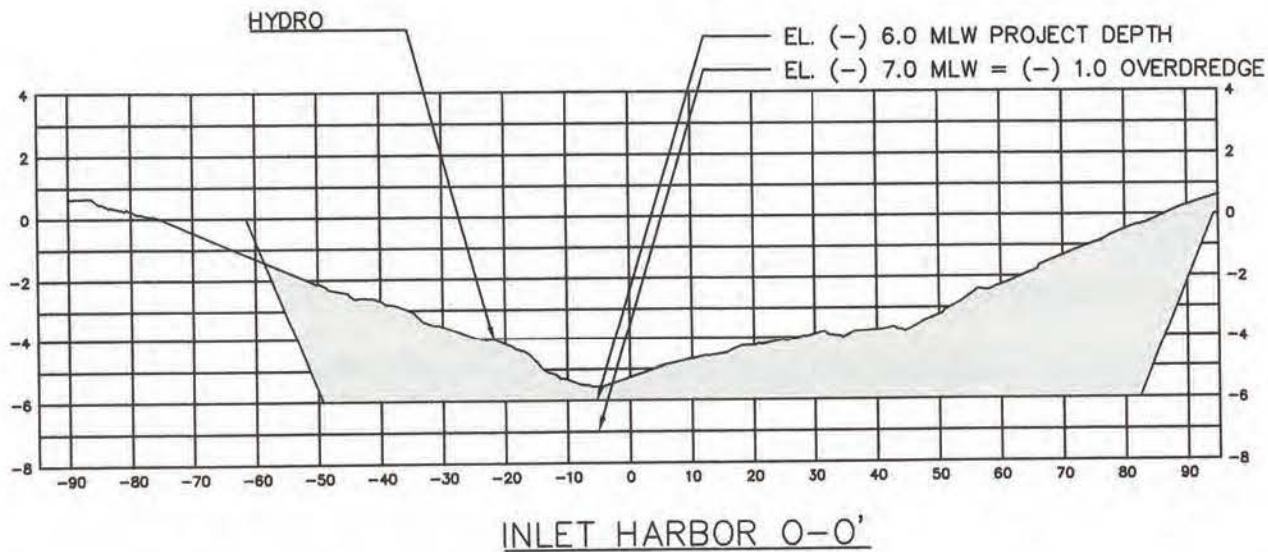
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND Horry
SOUTH CAROLINA

SHEET: 35 OF 39

DATE: 06/14/23



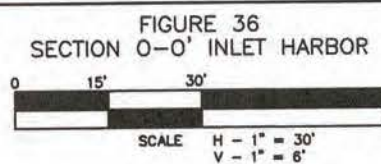
1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

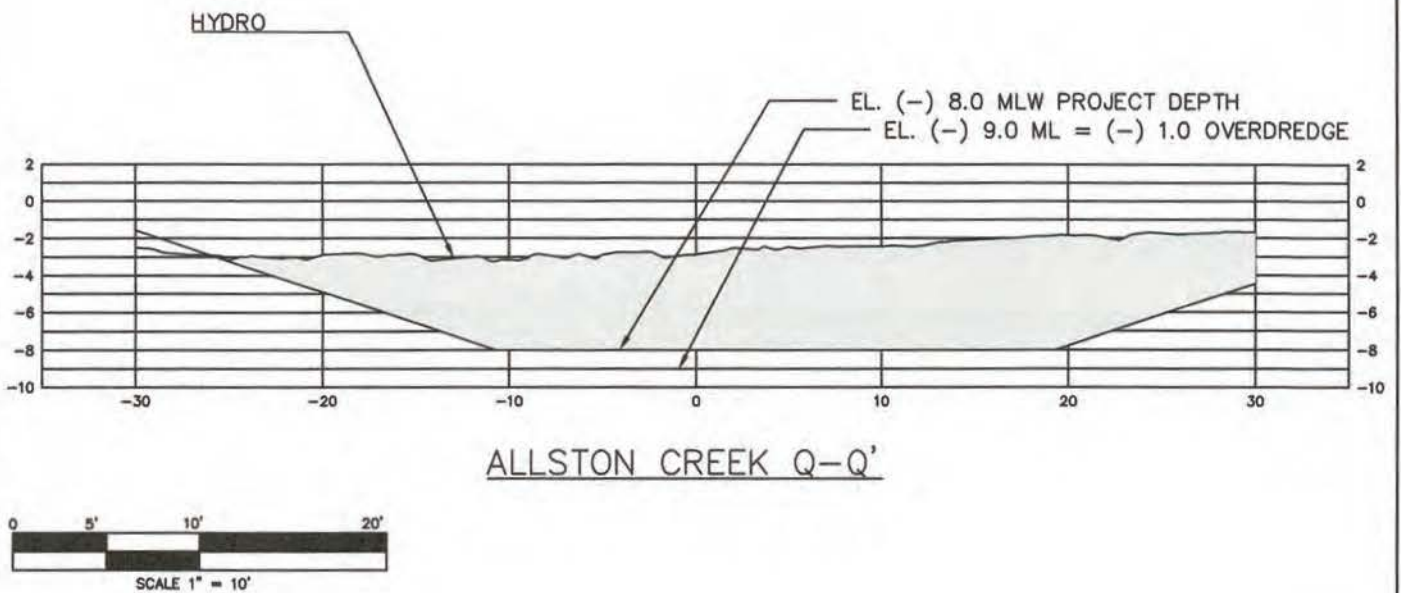
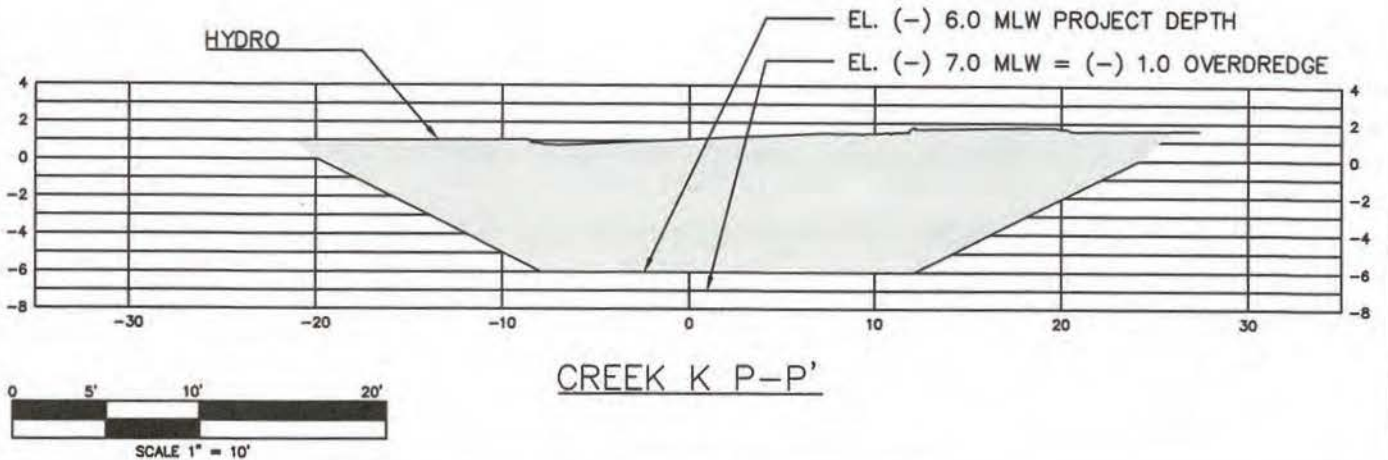
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 36 OF 39

DATE: 06/15/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
LONGITUDE: 79.034509°

SURVEY DATUM: MLW

FIGURE 37
SECTION P-P' CREEK K
SECTION Q-Q' MAIN CREEK

GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND Horry COUNTIES, SC

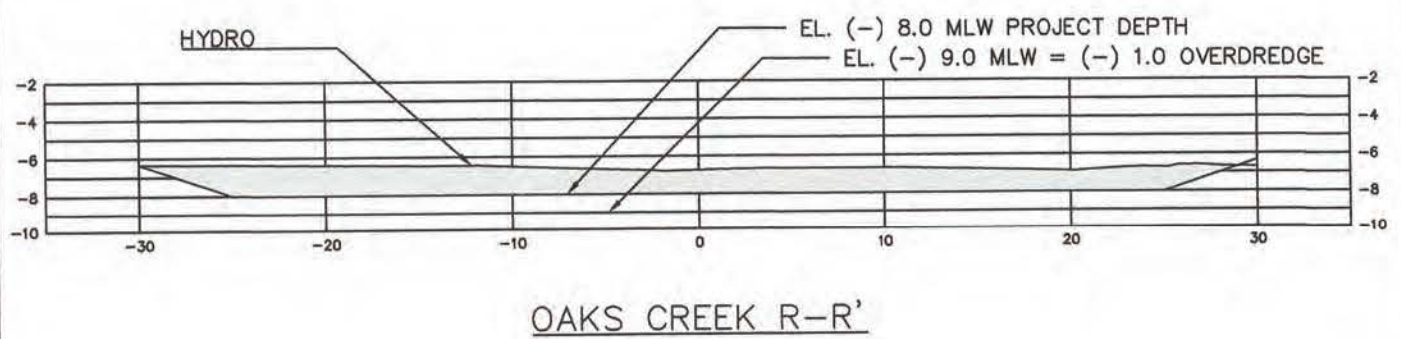
PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND Horry
SOUTH CAROLINA

SHEET: 37 OF 39

DATE: 06/15/23



1. DRAWING FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.

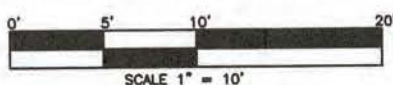
MLW - MEAN LOW WATER

PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885'
LONGITUDE: 79.034509'

SURVEY DATUM: MLW

FIGURE 38
SECTION R-R' OAKS CREEK



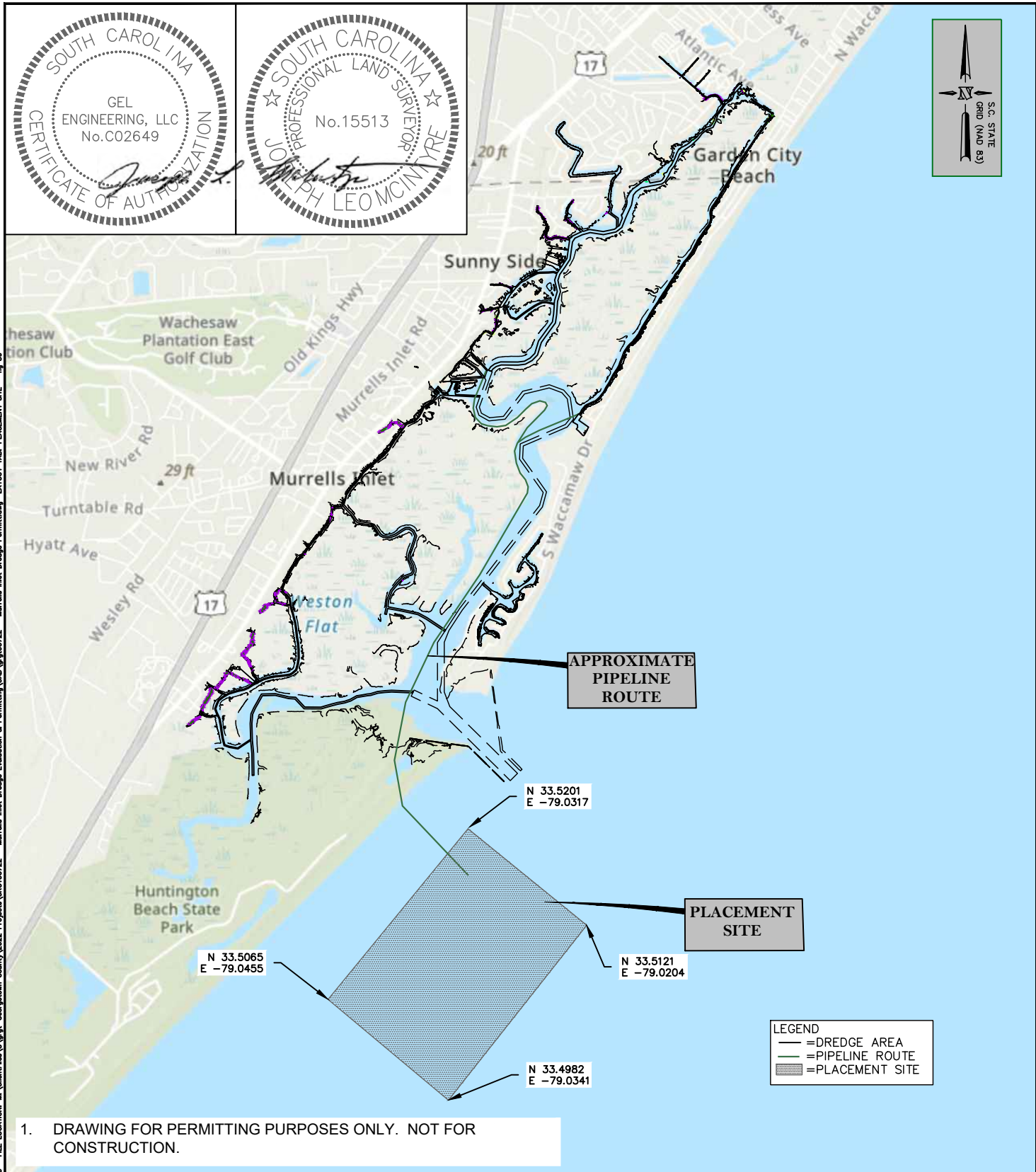
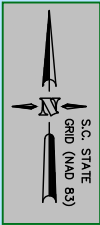
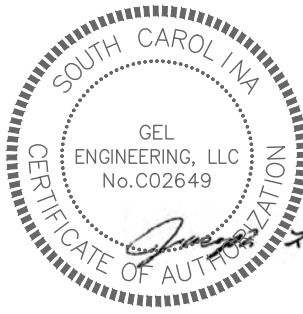
GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 38 OF 39 **DATE:** 06/19/23

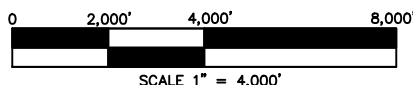


PURPOSE: RETURN NAVIGABILITY AT ALL TIDAL PHASES
APPLICANT: GEORGETOWN COUNTY

LATITUDE: 33.531885°
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SURVEY DATUM: MLW

FIGURE 39
PLACEMENT SITE



GEORGETOWN COUNTY
MURRELLS INLET DREDGING
GEORGETOWN AND HORRY COUNTIES, SC

PROPOSED: DREDGING
AT: DEVELOPED WATERS AND ACCESS CHANNELS
OF MURRELLS INLET

IN: MURRELLS INLET/GARDEN CITY

COUNTY OF: GEORGETOWN AND HORRY
SOUTH CAROLINA

SHEET: 39 OF 39

DATE: 8/23/23