

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526

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: P/N SAC-2021-00655

April 20, 2021

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), 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

Debordieu Colony Community Association
c/o Dr. H. Wayne Beam
Beam & Associates, Inc.
P.O. Box 3238
North Myrtle Beach, South Carolina 29582

for a permit to maintenance dredge the

Debordieu Colony Canal

at a location within Debordieu Colony adjacent to Luvan Boulevard, in Georgetown, Georgetown County, South Carolina (Latitude: 33.3697°, Longitude: -79.1608°), North Island Quad.

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** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work 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.

The proposed work consists of maintenance dredging the existing access channel (DeBordieu Colony Canal) and associated residential docks. In detail, the applicant is requesting a ten (10) year maintenance dredging permit. The proposed project involves maintenance dredging

of the access channel to a width of 30' and a depth of -3.5' Mean Low Water (MLW) with an allowable overdepth of 1 ft. (to -4.5 MLW) twice during the life of this permit. The dredging events will be performed by hydraulic cutter-head dredge. The first dredging effort will remove up to approximately 40,000 cubic yards of material from approximately 14.2 acres of the canal to restore adequate depths for safe navigation. A future, second dredging effort will remove up to approximately 40,000 cu. yds. over approximately 14.2 acres. The 14.2 ac. dredge footprint is depicted on the proposed plans and will be the same for both dredging events. All dredged material will be pumped to the existing upland Debordieu Colony Confined Disposal Facility (CDF) disposal basin. Additionally, it is proposed that approximately 3,500 cu. yds. of material be mechanically dredged to remove shoals that may develop in the canal during the time period between the two major hydraulic dredging events. Mechanically-dredged material will also be placed in the Debordieu Colony CDF. The applicant stated that the limits of marsh grass and oyster beds existing at the time of the dredging project commences will be field located so that dredging activities will be offset at the required distances so that impacts to these resources will be avoided. The applicant offered no compensatory mitigation for impacts associated with the project. The project purpose as stated by the applicant is to restore adequate depths for watercraft affording boaters improved access to coastal waters.

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

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. 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.

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 14.2 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 would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). 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.

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 West Indian Manatee (*Trichechus manatus*), Eastern Black Rail (*Laterallus jamaicensis*), Shortnose Sturgeon (*Acipenser brevirostrum*), and Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), Federally *endangered* species may be present in the vicinity of the project. However, it has been determined that the project will have no effect on Shortnose Sturgeon (*Acipenser brevirostrum*), or Atlantic

sturgeon (*Acipenser oxyrinchus oxyrinchus*), and will not result in the destruction or adverse modification of designated or proposed critical habitat. Additionally, the District Engineer has determined that the project may affect, not likely to adversely affect the West Indian Manatee (*Trichechus manatus*), and the Eastern Black Rail (*Laterallus jamaicensis*), and will not result in the destruction or adverse modification of designated or proposed critical habitat. 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 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)(f)(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.

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.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the 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 102 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.

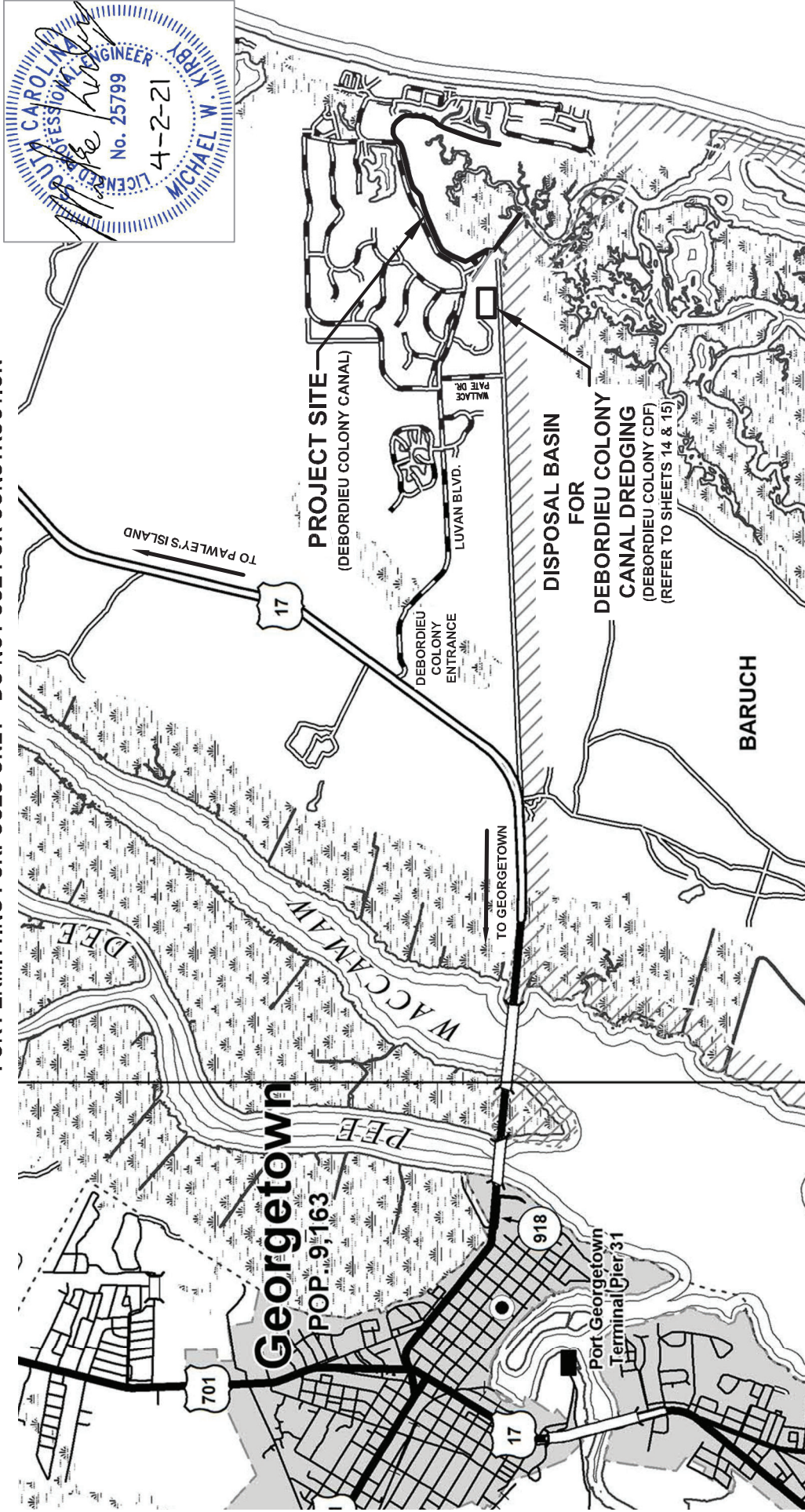
The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of

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. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**

If there are any questions concerning this public notice, please contact Rob Huff, Project Manager, by email at Robert.C.Huff@usace.army.mil.

FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION



PREVIOUSLY-ISSUED PERMITS:
 CORPUS OF ENGINEERS P/NS: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/NS: 2000-11933-3IH & 2000-11933-3IH-P(08)

SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 1 of 15
 Date: April 2, 2021

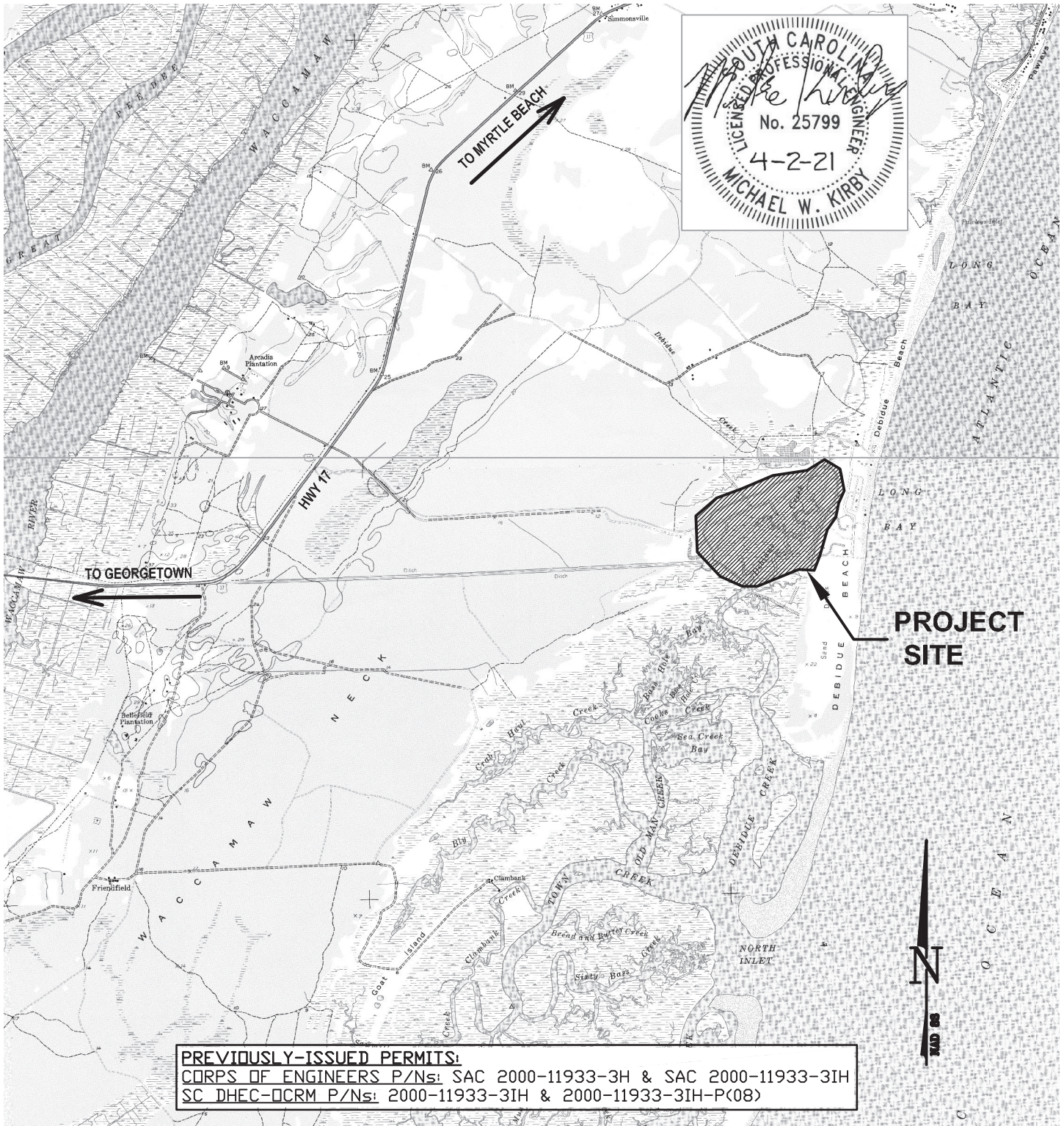
LOCATION MAP
COLONY CANAL DREDGING PERMIT 2021

PROJECT NAME: DEBORDIEU COLONY CANAL DREDGING PERMIT 2021
 WATER BODY: DEBIDIEU CREEK
 CITY / TOWN: GEORGETOWN (Debordieu Colony)
 COUNTY: GEORGETOWN

PROPOSED ACTIVITY:
 PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.

DATE: 04-02-21 SHEET: 1 of 15

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PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/Ns: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/Ns: 2000-11933-3IH & 2000-11933-3IH-P(08)

LATITUDE: 33° 22' 20.2" N
 LONGITUDE: -79° 09' 40.3" W

USGS QUAD MAP

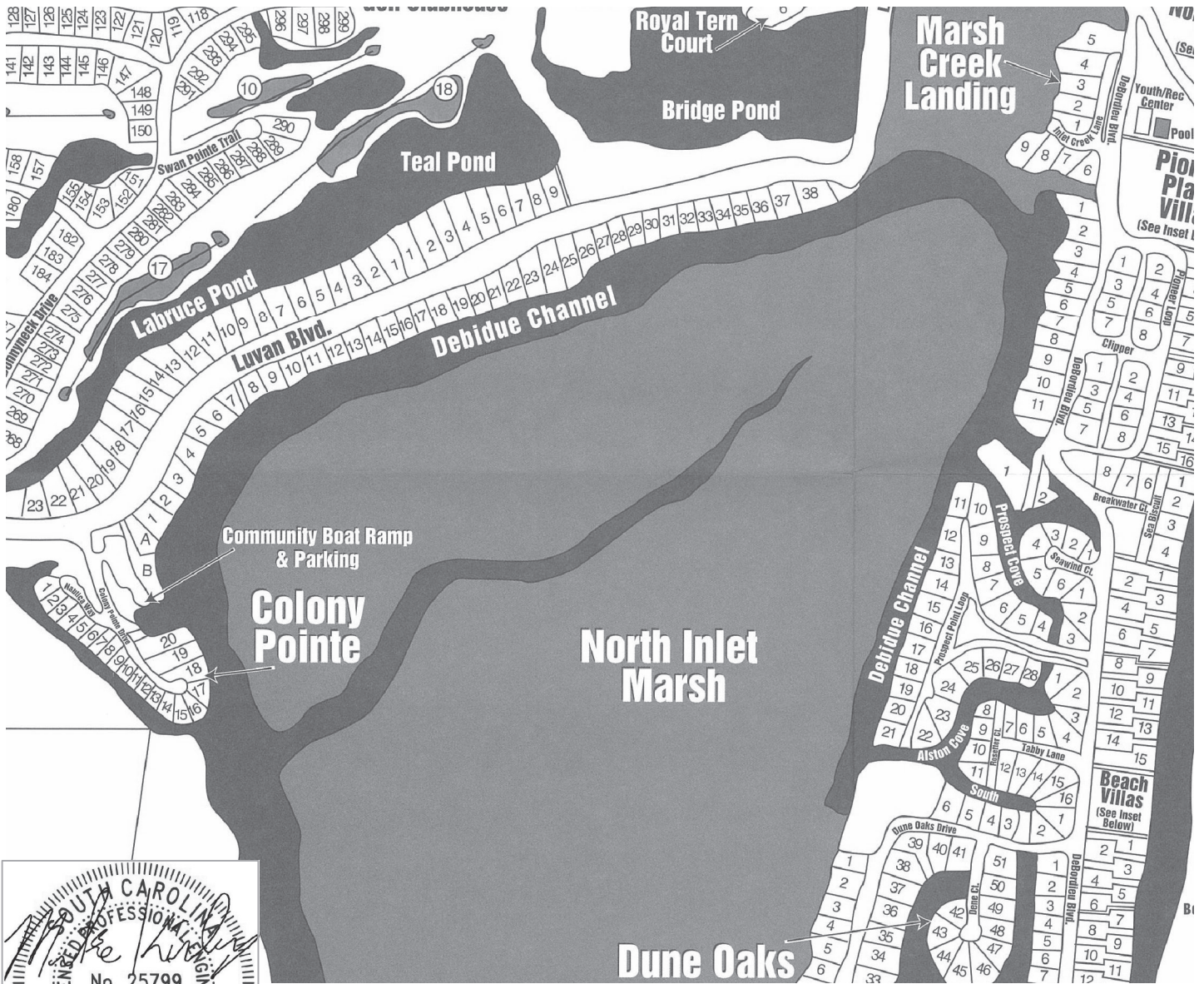


DEBORDIEU COLONY CANAL DREDGING PERMIT APPLICATION 2021

<p>SAC-2021-00655 Debordieu Canal Maintenance Dredging 2021 Georgetown County, South Carolina Sheet 2 of 15 Date: April 2, 2021</p>	<p>M, Ph.D. CIATES, INC. BEACH, SC 814-7145 @att.net</p>	<p><u>PROJECT NAME:</u> DEBORDIEU COLONY CANAL DREDGING PERMIT 2021 <u>WATER BODY:</u> DEBIDIEU CREEK <u>CITY / TOWN:</u> GEORGETOWN (Debordieu Colony) <u>COUNTY:</u> GEORGETOWN</p>	<p><u>PROPOSED ACTIVITY:</u> PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE. DATE: 04-02-21 SHEET: 2 of 15</p>
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 CORPS OF ENGINEERS P/Ns: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/Ns: 2000-11933-3IH & 2000-11933-3IH-P(08)



SEE ATTACHED SHEETS FOR LIST OF ADJACENT PROPERTY OWNERS

LATITUDE: 33° 22' 20.2" N
 LONGITUDE: -79° 09' 40.3" W

ADJACENT PROPERTY OWNERS MAP

NO SCALE

DEBORDIEU COLONY CANAL DREDGING PERMIT APPLICATION 2021

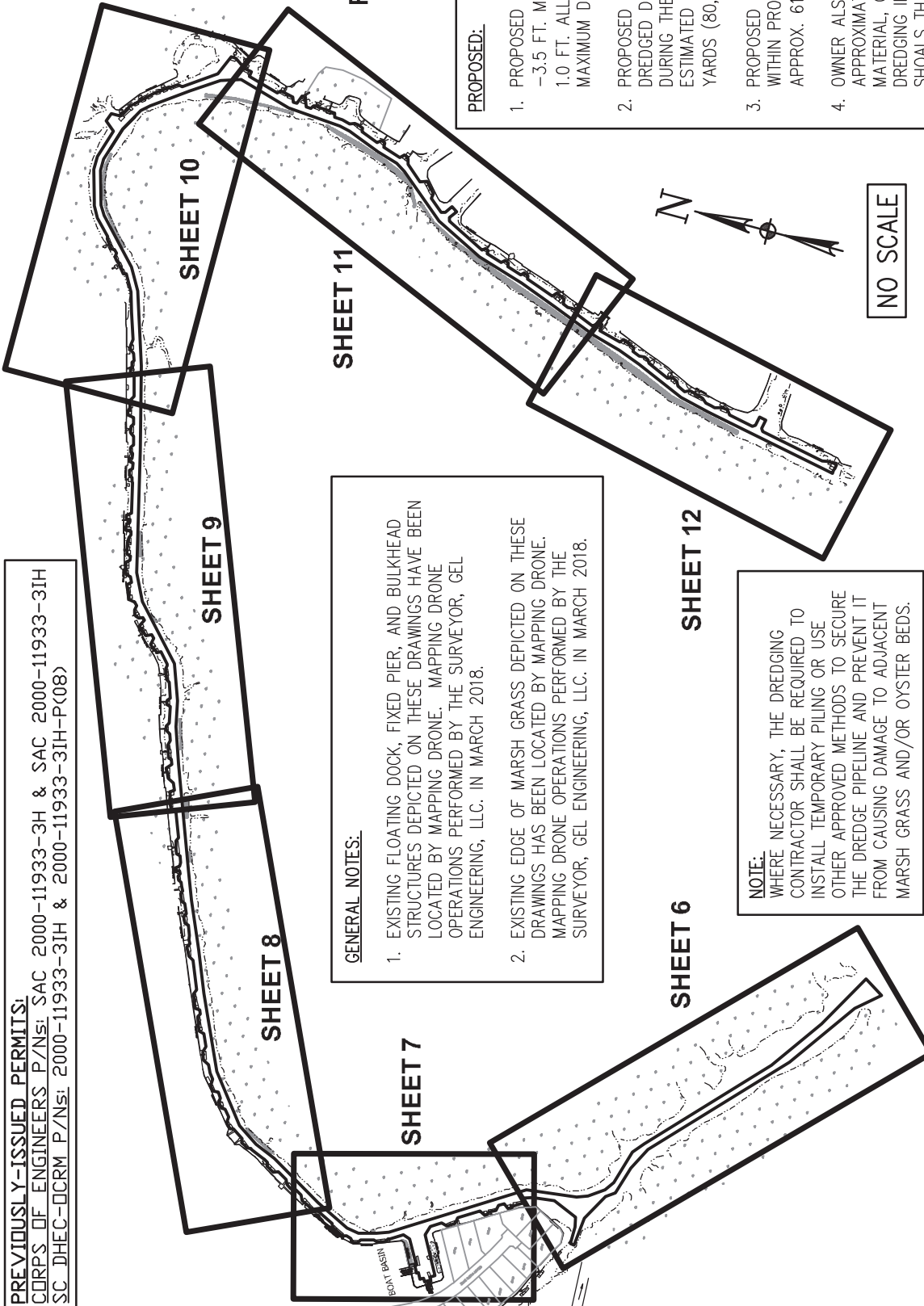
<p>SAC-2021-00655 Debordieu Canal Maintenance Dredging 2021 Georgetown County, South Carolina Sheet 3 of 15 Date: April 2, 2021</p>	<p>PhD. TES, INC. EACH, SC -7145 t.net</p>	<p>PROJECT NAME: DEBORDIEU COLONY CANAL DREDGING PERMIT 2021 WATER BODY: DEBIDIEU CREEK CITY / TOWN: GEORGETOWN (Debordieu Colony) COUNTY: GEORGETOWN</p>	<p>PROPOSED ACTIVITY: PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE. DATE: 04-02-21 SHEET: 3 of 15</p>
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 SC DHEC-DCRM P/Ns: 2000-11933-3IH & 2000-11933-3IH-P<08>



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- PROPOSED:**
1. PROPOSED NEW DREDGING DEPTH TO BE -3.5 FT. MEAN LOW WATER (MLW) WITH 1.0 FT. ALLOWABLE OVERDEPTH (TO TOTAL MAXIMUM DEPTH OF -4.5 FT. MLW).
 2. PROPOSED VOLUME OF MATERIAL TO BE DREDGED DURING EACH DREDGING EVENT DURING THE LIFE OF THE PERMIT IS ESTIMATED TO BE UP TO 40,000 CUBIC YARDS (80,000 CY TOTAL).
 3. PROPOSED AREA OF IMPACT / AREA WITHIN PROPOSED DREDGE LIMITS IS APPROX. 618,066 SF (14.2 ACRES).
 4. OWNER ALSO PROPOSES TO REMOVE APPROXIMATELY 3,500 CUBIC YARDS OF MATERIAL, ONE TIME, BY MECHANICAL DREDGING IN ORDER TO REMOVE ISOLATED SHOALS THAT MAY DEVELOP DURING THE TIME BETWEEN MAJOR HYDRAULIC DREDGING CYCLES. MATERIAL TO BE DISPOSED IN THE DEBORDIEU COLONY CDF.



- GENERAL NOTES:**
1. EXISTING FLOATING DOCK, FIXED PIER, AND BULKHEAD STRUCTURES DEPICTED ON THESE DRAWINGS HAVE BEEN LOCATED BY MAPPING DRONE. MAPPING DRONE OPERATIONS PERFORMED BY THE SURVEYOR, GEL ENGINEERING, LLC. IN MARCH 2018.
 2. EXISTING EDGE OF MARSH GRASS DEPICTED ON THESE DRAWINGS HAS BEEN LOCATED BY MAPPING DRONE. MAPPING DRONE OPERATIONS PERFORMED BY THE SURVEYOR, GEL ENGINEERING, LLC. IN MARCH 2018.

NOTE:
 WHERE NECESSARY, THE DREDGING CONTRACTOR SHALL BE REQUIRED TO INSTALL TEMPORARY PILING OR USE OTHER APPROVED METHODS TO SECURE THE DREDGE PIPELINE AND PREVENT IT FROM CAUSING DAMAGE TO ADJACENT MARSH GRASS AND/OR OYSTER BEDS.

**PROJECT LAYOUT - KEY SHEET
 DEBORDIEU COLONY CANAL DREDGING PERMIT 2021**

SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 4 of 15
 Date: April 2, 2021

PROJECT NAME:
 DEBORDIEU COLONY CANAL DREDGING PERMIT 2021

WATER BODY: DEBIDIEU CREEK
CITY / TOWN: GEORGETOWN (Debordieu Colony)
COUNTY: GEORGETOWN

PROPOSED ACTIVITY:
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 SC DHEC-DCRM P/NS: 2000-11933-3IH & 2000-11933-3IH-P(08)

NOTES

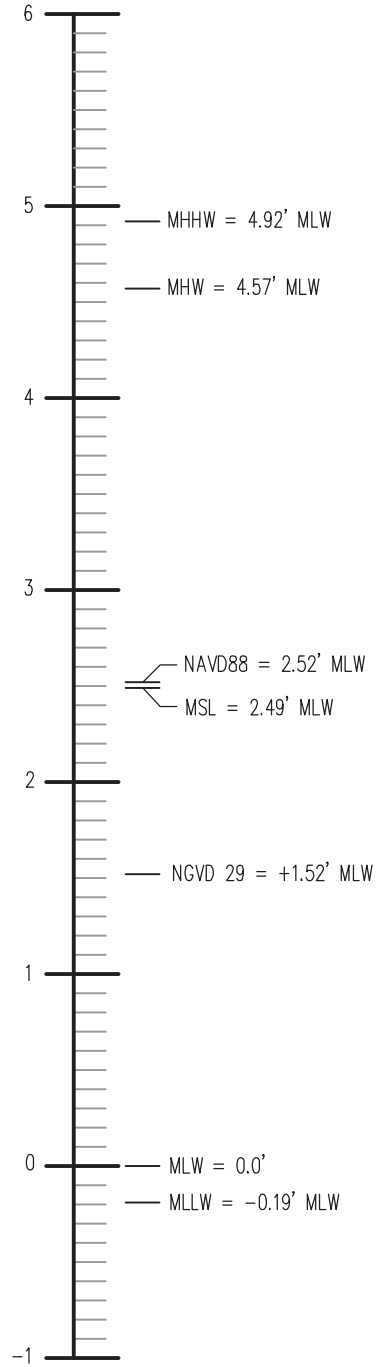
1. Soundings were taken byODOM.ECHOTRAC.CVM..... obtaining high frequency soundings and are expressed in feet and tenths below MLW.
2. Proposed dredge depth-3.5'.....
3. Mean tidal range4.6'.....
4. The area shown by this chart is subject to silting. The actual depth following the date of the survey may be less then the depths shown.
 These depths were found on11-15-18.....
5. Horizontal Coordinates System: Reference to South Carolina State Grid (NAD 83).
6. Vertical datum based on MLW (Mean low water) and established by a Trimble R-6 Survey grade GPS on the S.C. VRS network and converted in NOAA VDATUM program.
7. Horizontal locations were established by a Survey grade Trimble R-6 Survey grade GPS on the S.C. VRS network.
8. Some depths may have been omitted for clarity.
9. All soundings are used during volume calculations.
10. All information shown outside of survey area is for informational purposes only.

LEGEND

-5.5'	SOUNDING LOCATION AND DEPTH BELOW MLW
5.5'	SOUNDING LOCATION AND DEPTH ABOVE MLW



TIDAL REFERENCE DATA FROM:
 OYSTER LANDING, CRAB HAUL CREEK;
 STATION I.D.: 8662245



TIDE SCALE

LATITUDE: 33° 22' 20.2" N
 LONGITUDE: -79° 09' 40.3" W

SURVEY NOTES & TIDE SCALE

NO SCALE

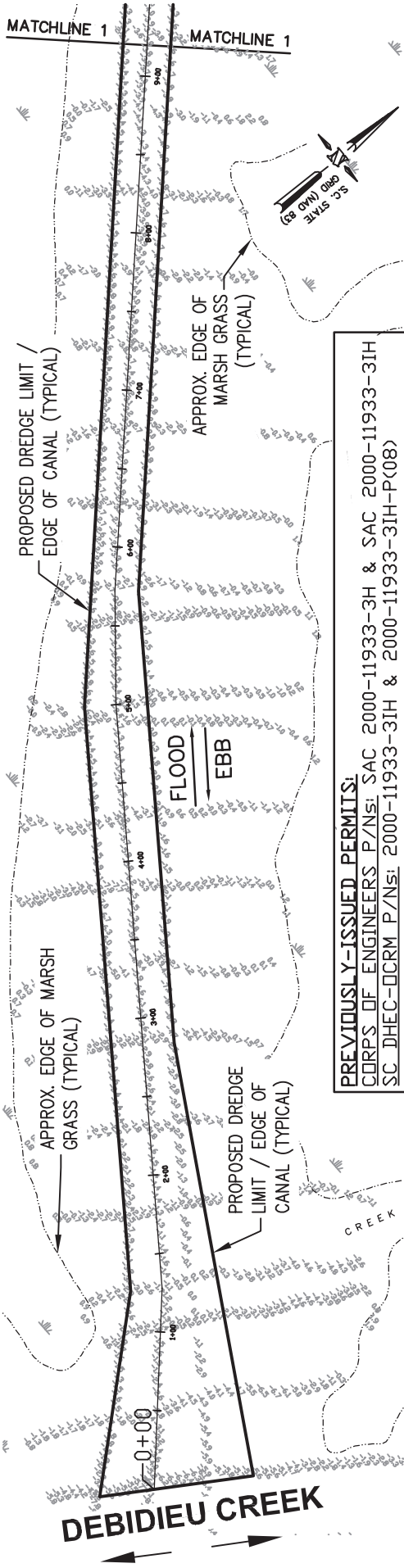
DEBORDIEU COLONY CANAL DREDGING PERMIT APPLICATION 2021

SAC-2021-00655

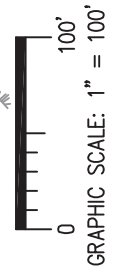
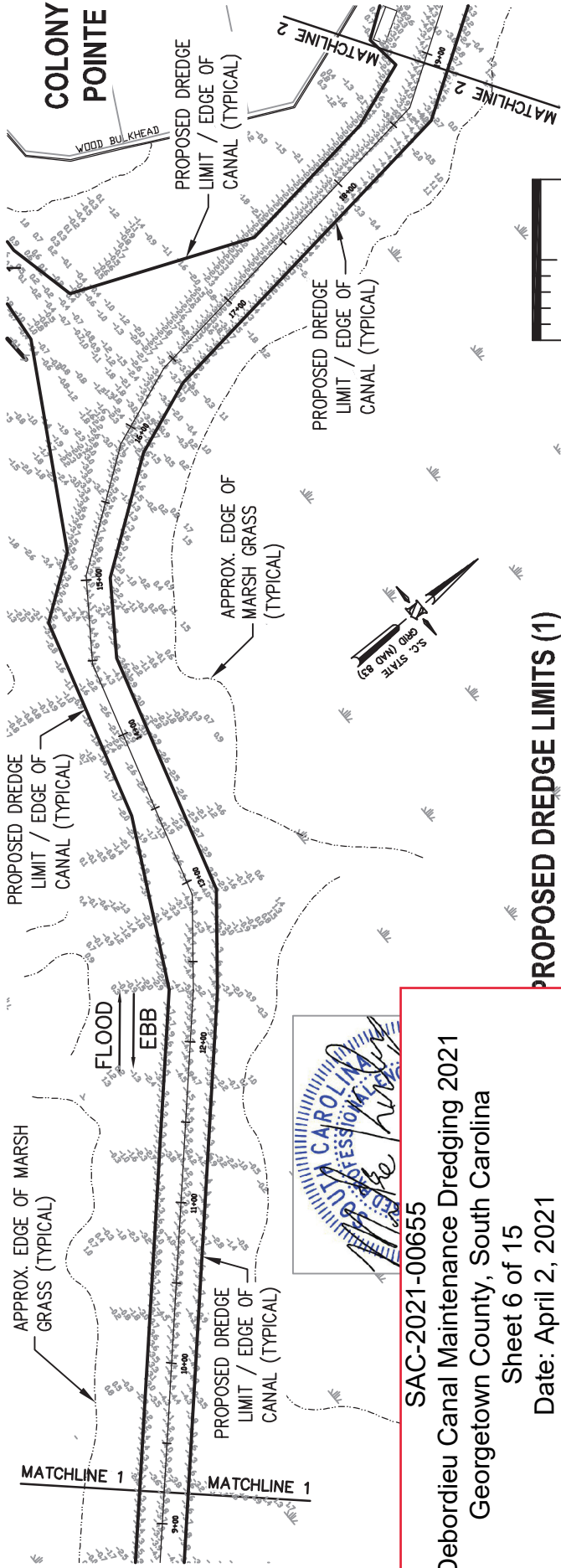
**Debordieu Canal Maintenance
 Dredging 2021
 Georgetown County, South Carolina
 Sheet 5 of 15
 Date: April 2, 2021**

PH.D. ES, INC. ACH, SC -7145 .net	PROJECT NAME: DEBORDIEU COLONY CANAL DREDGING PERMIT 2021 WATER BODY: DEBIDIEU CREEK CITY / TOWN: GEORGETOWN (Debordieu Colony)	PROPOSED ACTIVITY: PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.
	COUNTY: GEORGETOWN	DATE: 04-02-21

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PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/NS: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/NS: 2000-11933-3IH & 2000-11933-3IH-P<08>



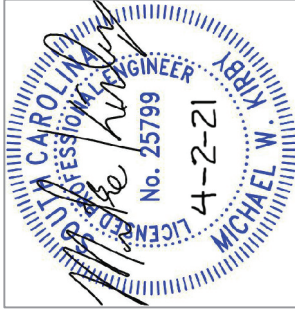
PROPOSED DREDGE LIMITS (1)
COLONY CANAL DREDGING PERMIT 2021

SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 6 of 15
 Date: April 2, 2021

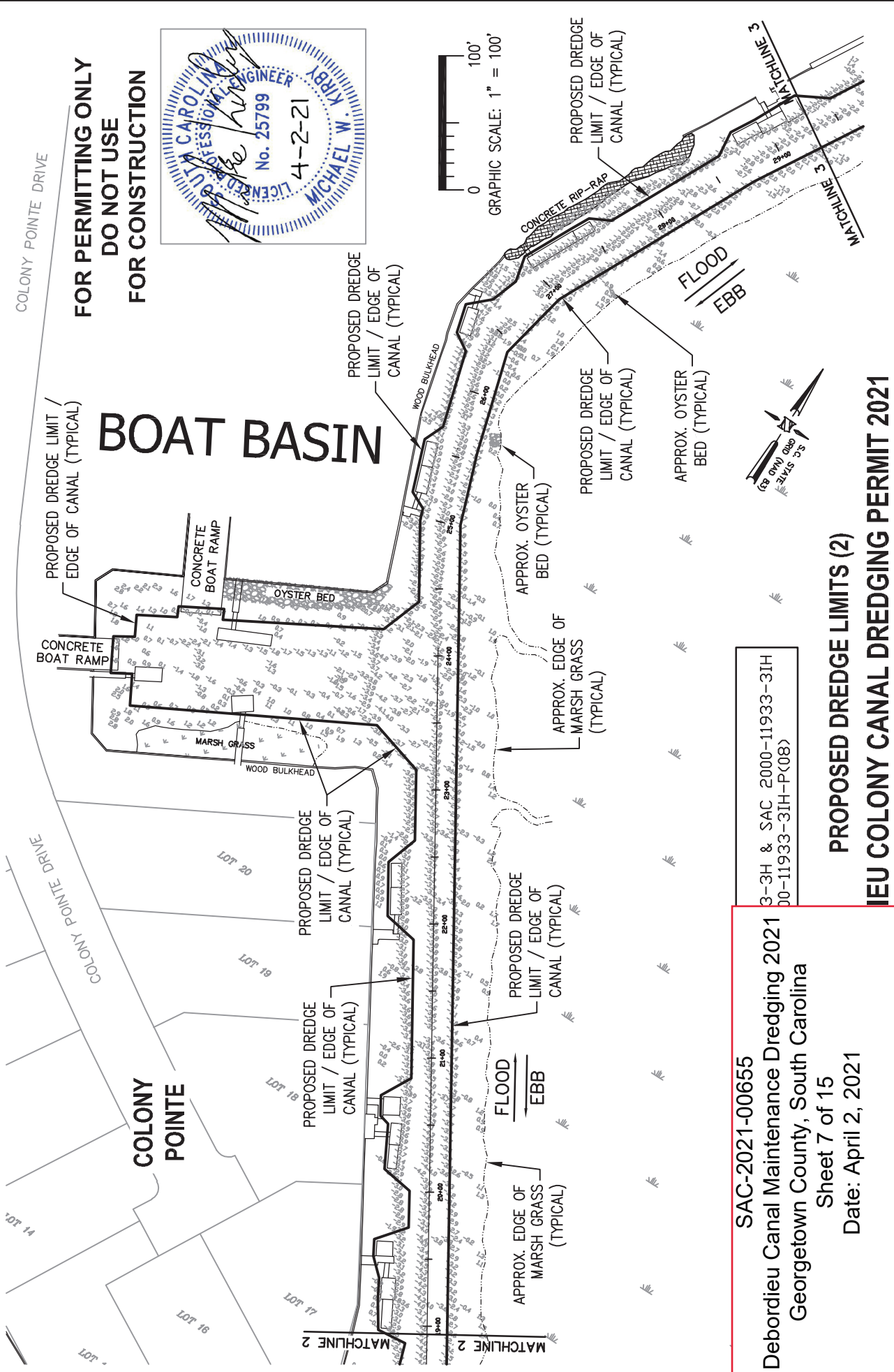
<p>PROPOSED ACTIVITY: PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.</p>	<p>PROJECT NAME: DEBORDIEU COLONY CANAL DREDGING PERMIT 2021</p> <p>WATER BODY: DEBIDIEU CREEK CITY / TOWN: GEORGETOWN (Debordieu Colony) COUNTY: GEORGETOWN</p>	<p>DEBORDIEU COLONY COMMUNITY ASSOCIATION, Inc. c/o: MS. BLANCHE BROWN 181 LUVAN BOULEVARD GEORGETOWN, SC 29440 phone: (843) 527-4436 email: bbrown@debordieucolony.org</p>
<p>DATE: 04-02-21</p>		<p>SHEET: 6 of 15</p>

COLONY POINTE DRIVE

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BOAT BASIN



SAC-2021-00655
Debordieu Canal Maintenance Dredging 2021
Georgetown County, South Carolina
Sheet 7 of 15
Date: April 2, 2021

PROPOSED DREDGE LIMITS (2) DEBORDIEU CANAL DREDGING PERMIT 2021

PROPOSED ACTIVITY:
PERFORM MAINTENANCE DREDGING OF DEBORDIEU
CANAL TO PROVIDE ADEQUATE
NAVIGATION DEPTH FOR ACCESS BY LOCAL
RESIDENTS FOR FISHING AND RECREATIONAL USE.

PROJECT NAME:
DEBORDIEU COLONY CANAL DREDGING PERMIT 2021
WATER BODY: DEBIDIEU CREEK
CITY / TOWN: GEORGETOWN (Debordieu Colony)
COUNTY: GEORGETOWN

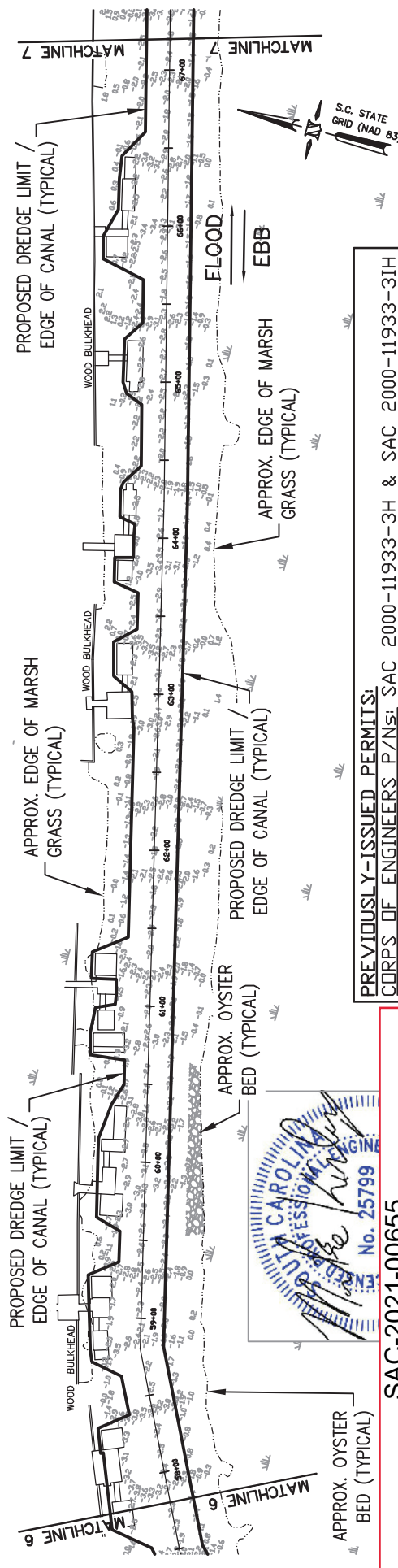
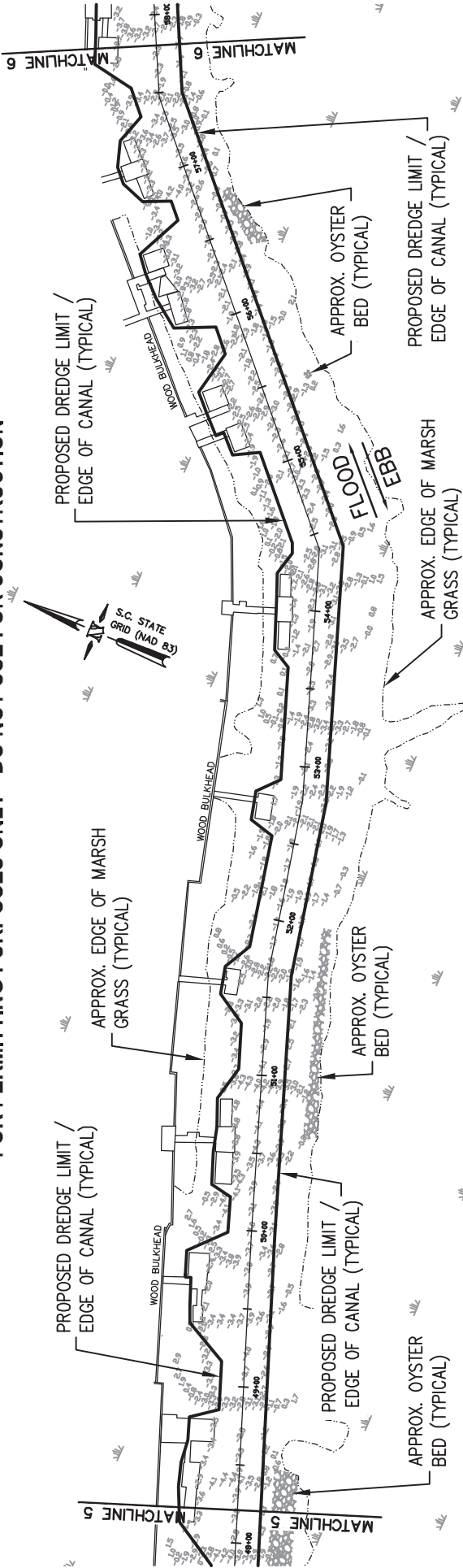
PROPOSED ACTIVITY:
PERFORM MAINTENANCE DREDGING OF DEBORDIEU
CANAL TO PROVIDE ADEQUATE
NAVIGATION DEPTH FOR ACCESS BY LOCAL
RESIDENTS FOR FISHING AND RECREATIONAL USE.

phone: (843) 527-4436
email: bbrown@debordieucolony.org

phone: (843) 814-7145
email: w.beam@att.net

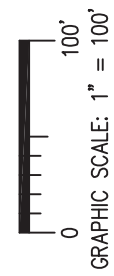
DATE: 04-02-21
SHEET: 7 of 15

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PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/Ns: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/Ns: 2000-11933-3IH & 2000-11933-3IH-P(08)

SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 9 of 15
 Date: April 2, 2021

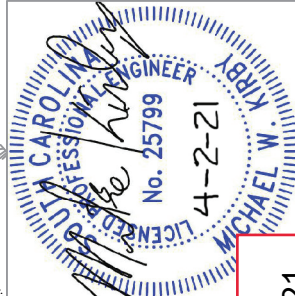
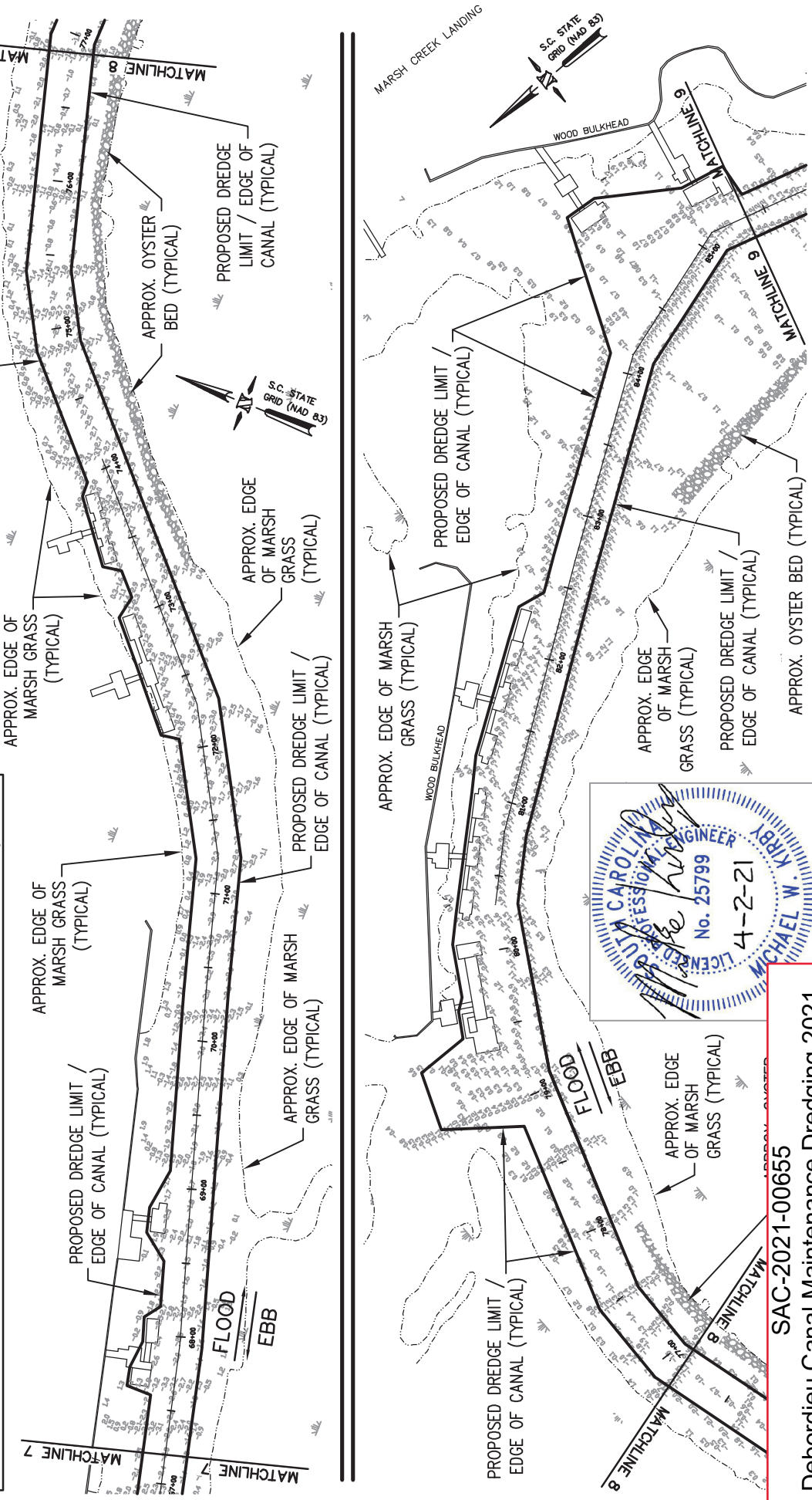


PROPOSED DREDGE LIMITS (4)
U COLONY CANAL DREDGING PERMIT 2021

Ph.D. ES, INC. ACH, SC 29582 -7145 .net	PROJECT NAME: DEBORDIEU COLONY CANAL DREDGING PERMIT 2021 WATER BODY: DEBIDIEU CREEK CITY / TOWN: GEORGETOWN (Debordieu Colony) COUNTY: GEORGETOWN	PROPOSED ACTIVITY: PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.
DATE: 04-02-21		SHEET: 9 of 15

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PREVIOUSLY-ISSUED PERMITS:
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 SC DHEC-DCRM P/NS: 2000-11933-3IH & 2000-11933-3IH-P(08)



SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 10 of 15
 Date: April 2, 2021

**PROPOSED DREDGE LIMITS (5)
 U COLONY CANAL DREDGING PERMIT 2021**

PHD.
 ES, INC.
 ACH, SC 29582
 -7145
 .net

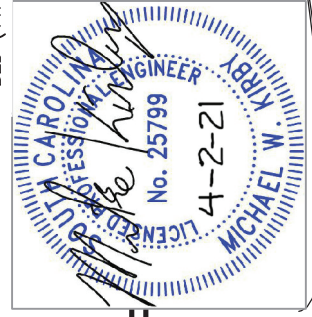
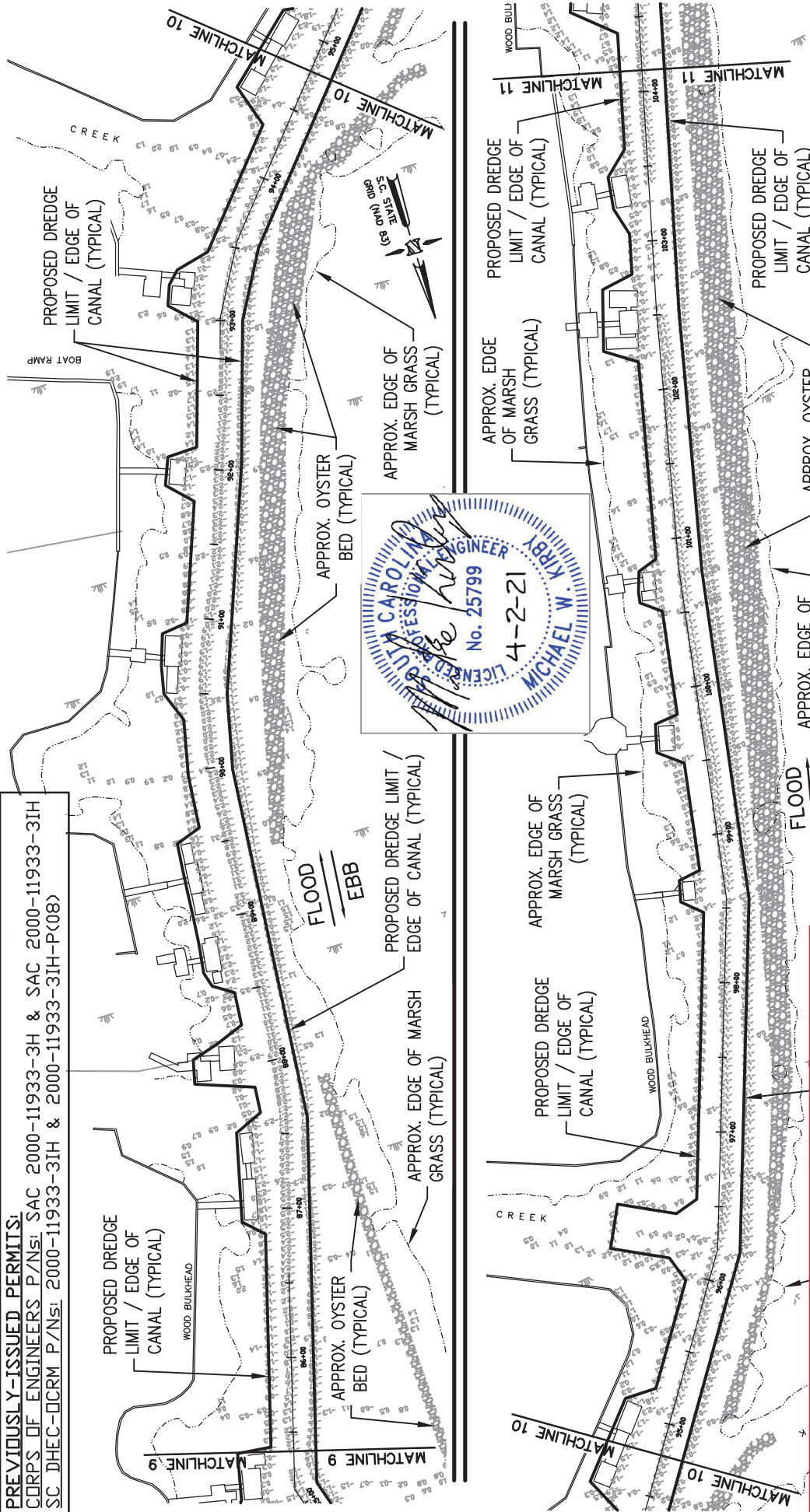
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DATE: 04-02-21 SHEET: 10 of 15

FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION

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SAC-2021-00655
 Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 11 of 15
 Date: April 2, 2021

PROPOSED DREDGE LIMITS (6)
OLONY CANAL DREDGING PERMIT 2021

PROJECT NAME:
 DEBORDIEU COLONY CANAL DREDGING PERMIT 2021

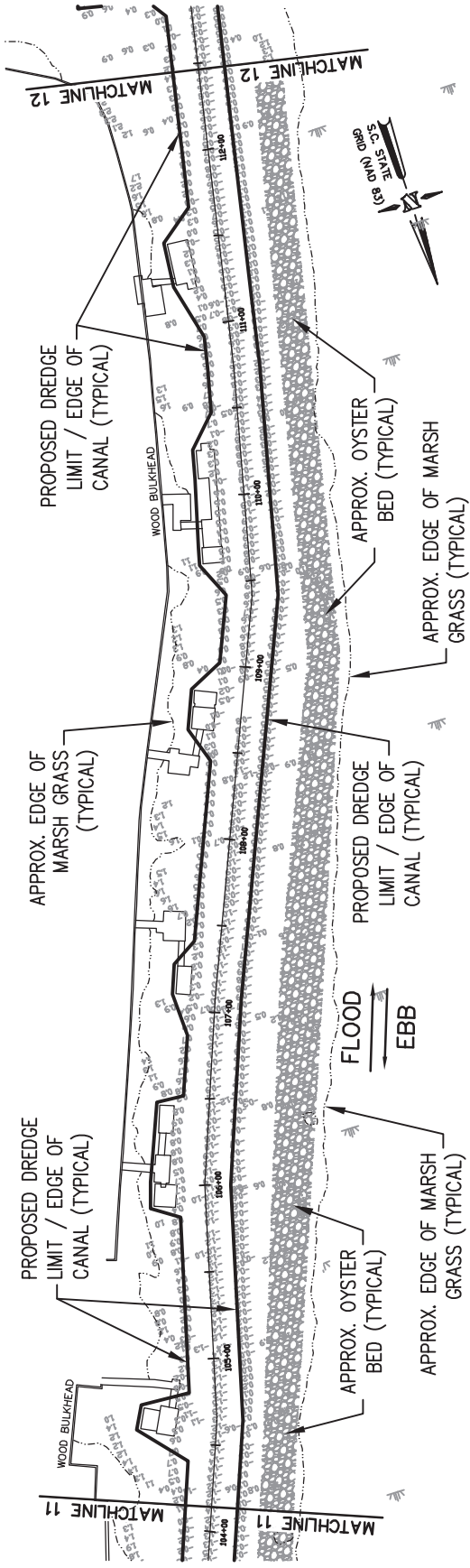
WATER BODY: DEBIDIEU CREEK
 CITY / TOWN: GEORGETOWN (Debordieu Colony)
 COUNTY: GEORGETOWN

PROPOSED ACTIVITY:
 PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.

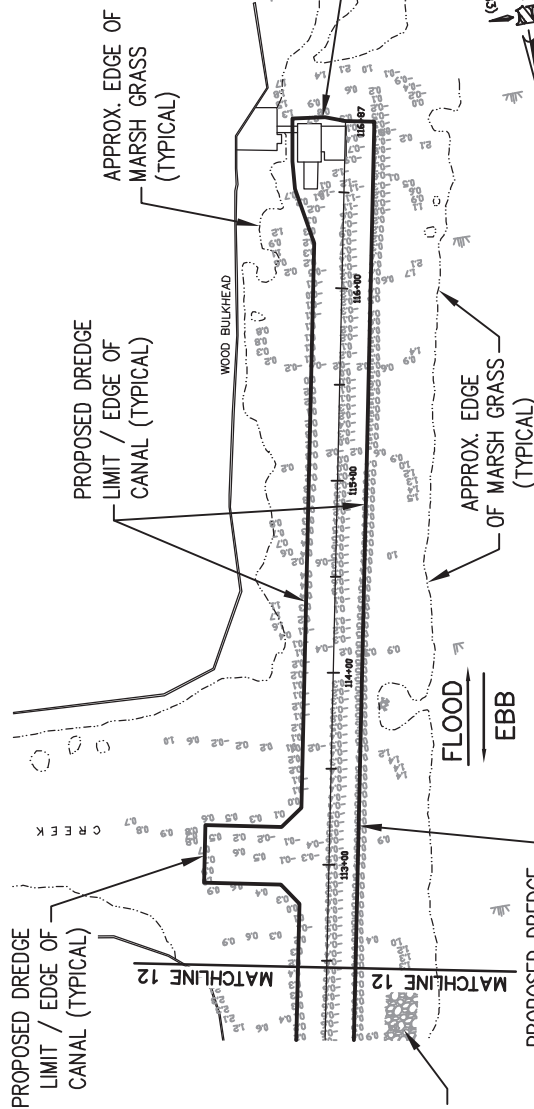
DATE: 04-02-21

SHEET: 11 of 15

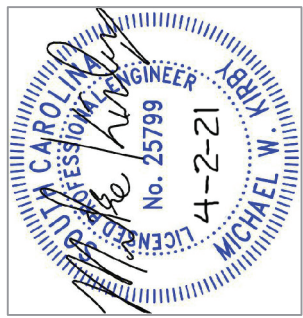
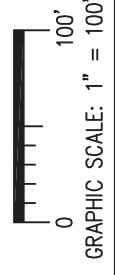
FOR PERMITTING PURPOSES ONLY - DO NOT USE FOR CONSTRUCTION



PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/Ns:
 SAC 2000-11933-3H
 SAC 2000-11933-3IH
 SC_DHEC-DCRM P/Ns:
 2000-11933-3IH
 2000-11933-3IH-P(08)



SAC-2021-00655
Debordieu Canal Maintenance Dredging 2021
Georgetown County, South Carolina
Sheet 12 of 15
Date: April 2, 2021



LATITUDE: 33° 22' 20.2" N
LONGITUDE: -79° 09' 40.3" W

APPLICANT:
 DEBORDIEU COLONY COMMUNITY ASSOCIATION, Inc.
 c/o: MS. BLANCHE BROWN
 181 LUVAN BOULEVARD
 GEORGETOWN, SC 29440
 phone: (843) 527-4436
 email: bbrown@debordieucolony.org

AGENT:
 H. WAYNE BEAM & ASSOCIATES
 P.O. BOX 3238
 NORTH MYRTLE BEACH, SC 29588
 phone: (843) 681-1111
 email: w.beam@beamandassociates.com

DEBORD

PROPOSED ACTIVITY:
 PERFORM MAINTENANCE DREDGING OF DEBORDIEU COLONY CANAL TO PROVIDE ADEQUATE NAVIGATION DEPTH FOR ACCESS BY LOCAL RESIDENTS FOR FISHING AND RECREATIONAL USE.

DATE: 04-02-21 **SHEET:** 12 of 15

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2(H):1(V) SLOPE USED TO ESTIMATE LIMIT OF IMPACT. TOP PART OF CUT WILL COLLAPSE, RESULTING IN A FINAL SLOPE OF APPROXIMATELY 4(H):1(V).

ALL CANAL WATER DEPTHS SHOWN ON THESE DRAWINGS ARE REFERENCED TO MEAN LOW WATER (MLW) VERTICAL DATUM.

TOP PART OF CUT WILL COLLAPSE, RESULTING IN A FINAL SLOPE OF APPROXIMATELY 4(H):1(V)

TOP PART OF CUT WILL COLLAPSE, RESULTING IN A FINAL SLOPE OF APPROXIMATELY 4(H):1(V)

PROPOSED 2(H):1(V) SLOPE ON DREDGE CUT THROUGHOUT (TYPICAL)

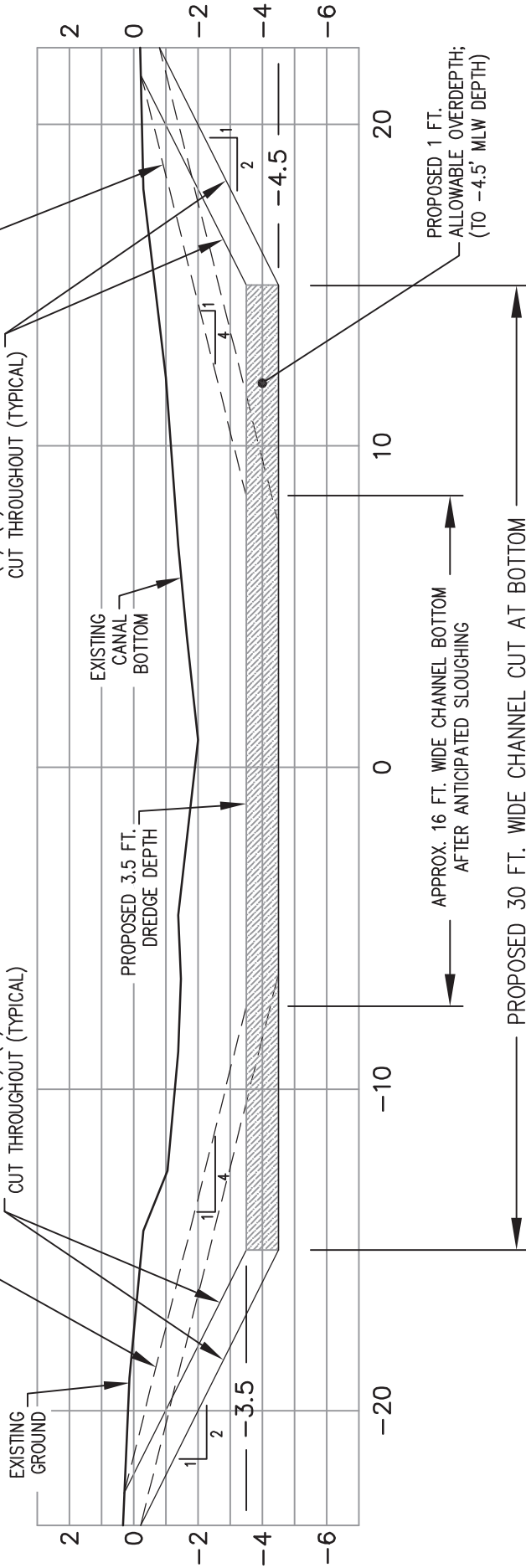
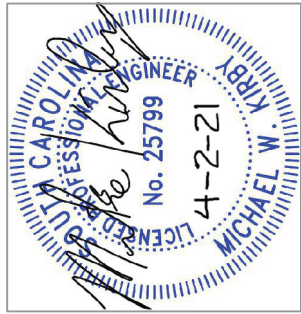
PROPOSED 2(H):1(V) SLOPE ON DREDGE CUT THROUGHOUT (TYPICAL)

PROPOSED 3.5 FT. DREDGE DEPTH

APPROX. 16 FT. WIDE CHANNEL BOTTOM AFTER ANTICIPATED SLOUGHING

PROPOSED 30 FT. WIDE CHANNEL CUT AT BOTTOM

PROPOSED 1 FT. ALLOWABLE OVERDEPTH; (TO -4.5' MLW DEPTH)



PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/NS: SAC
 SC DHEC-DCRM P/NS: 2000-11933

SAC-2021-00655
Debordieu Canal Maintenance Dredging 2021
 Georgetown County, South Carolina
 Sheet 13 of 15
 Date: April 2, 2021

LATITUDE: 33° 22' 20.2" N
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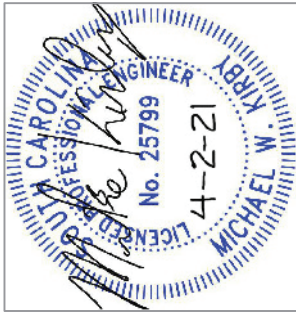
APPLICANT:
 DEBORDIEU COLONY COMMUNITY ASSOCIATION, Inc.
 c/o: MS. BLANCHE BROWN
 181 LUVAN BOULEVARD
 GEORGETOWN, SC 29440
 phone: (843) 527-4436
 email: bbrown@debordieucolony.org

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DEBORDIEU COLONY CDF:

TOP OF EXISTING DEBORDIEU COLONY CONFINED DISPOSAL FACILITY (CDF) DIKE VARIES FROM APPROX. 16' TO 30'. INTERIOR AREA OF THE CDF IS APPROX. 3.0 ACRES. PRIOR TO COMMENCEMENT OF DREDGING OPERATIONS, IMPROVEMENTS / RESTORATION OF THE DEBORDIEU COLONY CDF WILL BE COMPLETED TO RESULT IN A MINIMUM STORAGE CAPACITY OF APPROXIMATELY 65,000 CY (MINIMUM 1.5 TIMES THE VOLUME OF MATERIAL TO BE DREDGED FROM THE DEBORDIEU COLONY CANAL DURING ANY ONE DREDGING CYCLE); AND ALLOWING A MINIMUM FREEBOARD OF 2-FT. ON THE PERIMETER DIKE.



DEBORDIEU COLONY CONFINED DISPOSAL FACILITY (CDF)

PROPOSED DREDGE PIPELINE ROUTE ALONG EXISTING ACCESS ROAD CAUSEWAY; APPROXIMATELY 1,800 LF FROM DEBORDIEU COLONY CDF TO DREDGING PROJECT LOCATION AT DEBORDIEU COLONY CANAL

80-FT. ACCESS EASEMENT LINE

TO HYDRAULIC CUTTERHEAD DREDGE

EXISTING DITCH

APPROX. 1,800 FT.

EXISTING DITCH

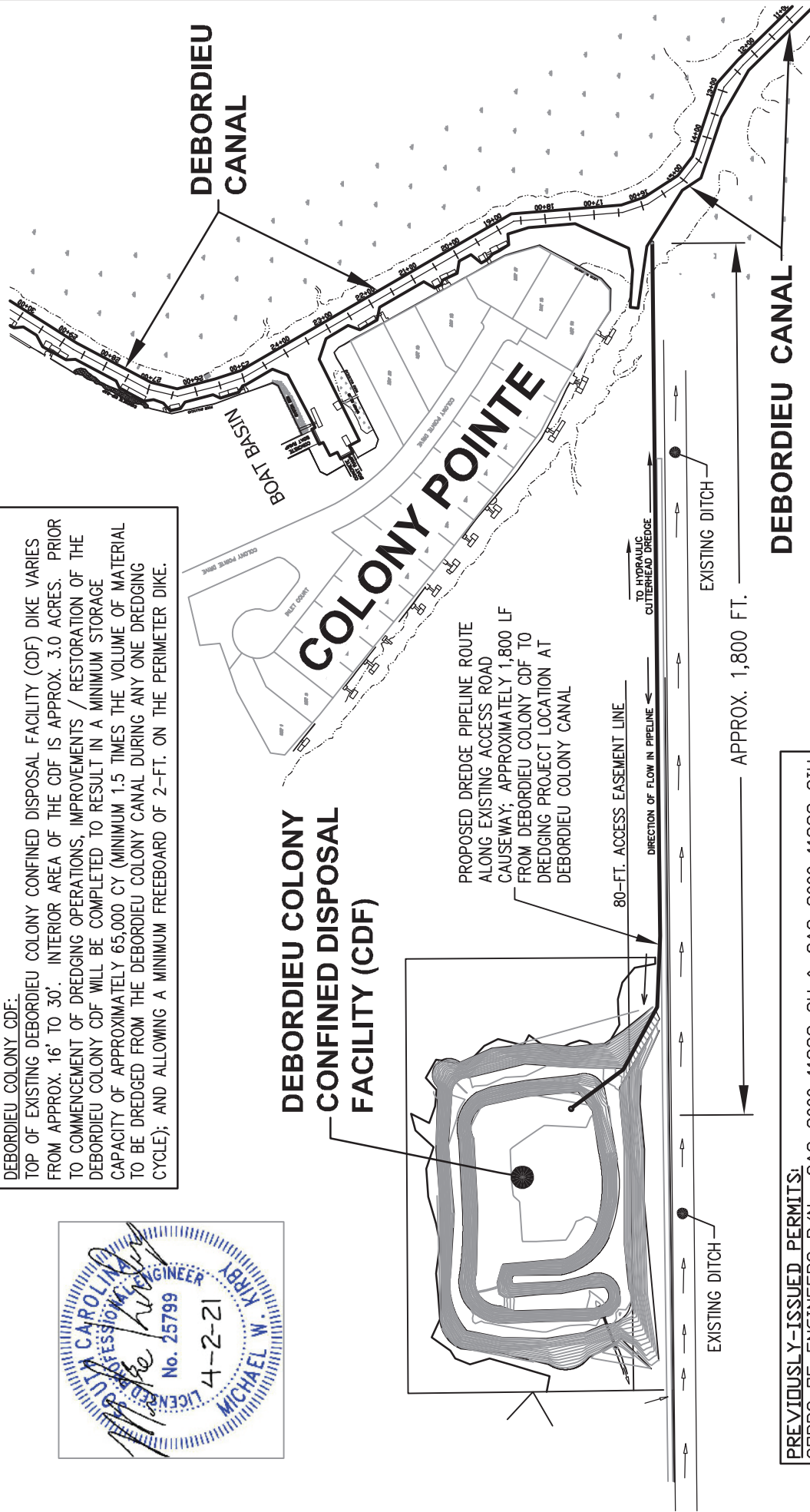
PREVIOUSLY-ISSUED PERMITS:
 CORPS OF ENGINEERS P/NS: SAC 2000-11933-3H & SAC 2000-11933-3IH
 SC DHEC-DCRM P/NS: 2000-11933-3IH & 2000-11933-3IH-P(08)

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Debordieu Canal Maintenance Dredging 2021
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 Sheet 14 of 15
 Date: April 2, 2021

DEBORDIEU COLONY CDF / DISPOSAL FACILITY PROXIMITY MAP 2021



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