

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69 A 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-2023-01433

March 20, 2024

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

Mr. Jefferson Pearce
INEOS US Chemicals Company DBA INEOS Aromatics
1306 Amoco Drive
Wando, South Carolina 29492

Mr. Robert Hanley
TRC Environmental Company
50 International Drive, Suite 150
Greenville, South Carolina 29615
rhanley@trccompanies.com

for a permit for maintenance dredging to provide adequate depths for commercial barges in

Grove Creek

located TMS # 247-00-00-004, 255-00-00-006, CITY, Berkeley County, South Carolina (Latitude: 32.9772, Longitude: -79.9032), North Charleston Quad Sheet.

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.

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 remove accumulated sediment from the INEOS Grove Creek barge slip and entrance channel.

Project Description

The proposed work consists of maintenance dredging of 28,073 cubic yards of material as needed from an approximately 16acre site to a target depth of -11 feet Mean Low Water (MLW) and channel width of 100 feet. The material will be dredged using a hydraulic cutterhead dredge. Dredge material will be disposed of in an upland disposal facility to be constructed on the INEOS property. The dredge material placement facility (DMPF) will be designed to contain the amount of material to be dredged. Dredged materials will be allowed to settle for at least 30 days before elutriate will flow into a stilling basin and riprap silt trap to allow for additional sediment capture. After being discharged from the DMPF, elutriate will sheet flow over grass to nearby drainage ditches that discharge into Grove Creek. Once the dredged materials have been allowed to dewater and dry, INEOS will seed with appropriable herbaceous seed mix both during and after construction.

The dredge work was previously authorized to dredge to a depth of -10 MLW under DA permit SAC-2013-00138-21R which expired September 30, 2023.

Avoidance and Minimization

The applicant has stated that the proposed project will avoid and/or minimize impacts to the aquatic environment by following best management practices during the dredging operation.

Proposed Compensatory Mitigation

The applicant has proposed no mitigation since the work consists of continued maintenance dredging and will not result in the permanent loss of waters of the United States.

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 16 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.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the proposed project and based on location and available information, the following species have the potential to occur in the vicinity of the proposed work: American chaffseed, Canby's dropwort, pondberry, Northern long-eared bat, red-cockaded woodpecker, West Indian manatee, Atlantic sturgeon and shortnose sturgeon.

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

The project will have no effect on American chaffseed, Canby's dropwort, pondberry, Northern long-eared bat, red-cockaded woodpecker and will not result in the destruction or adverse modification of designated or proposed critical habitat.

The project is not likely to adversely affect West Indian manatee, Atlantic sturgeon and shortnose sturgeon or 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 National Marine Fisheries Service on this determination.

This public notice serves as a request to the U.S. Fish and Wildlife Service (USFWS project code: 2024-0030112) 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 no historic properties are present; 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 any 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.

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 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.

Solicitation of Public Comment

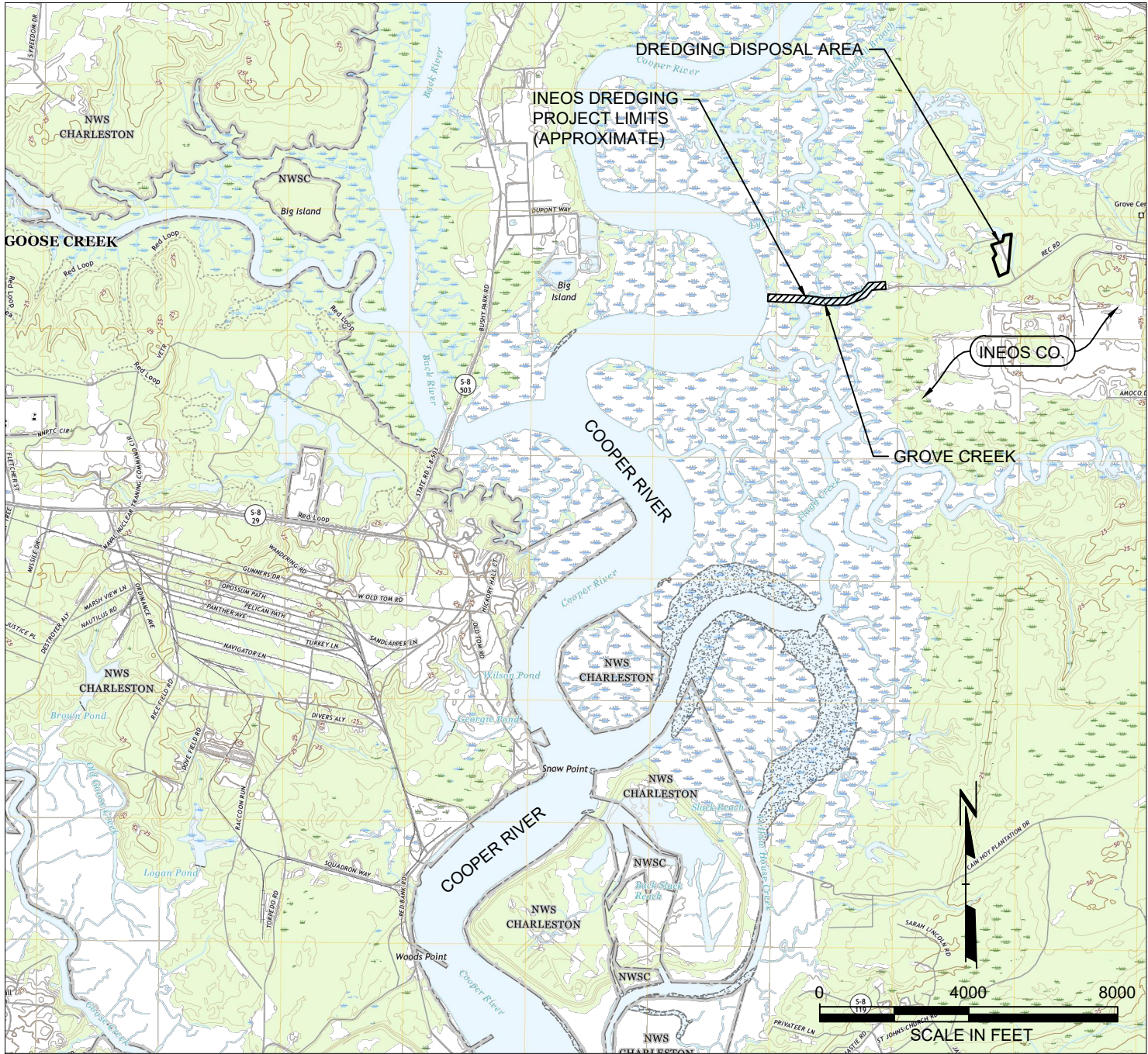
The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, 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-2023-01433), to brittany.f.pittman@usace.army.mil or the following address:

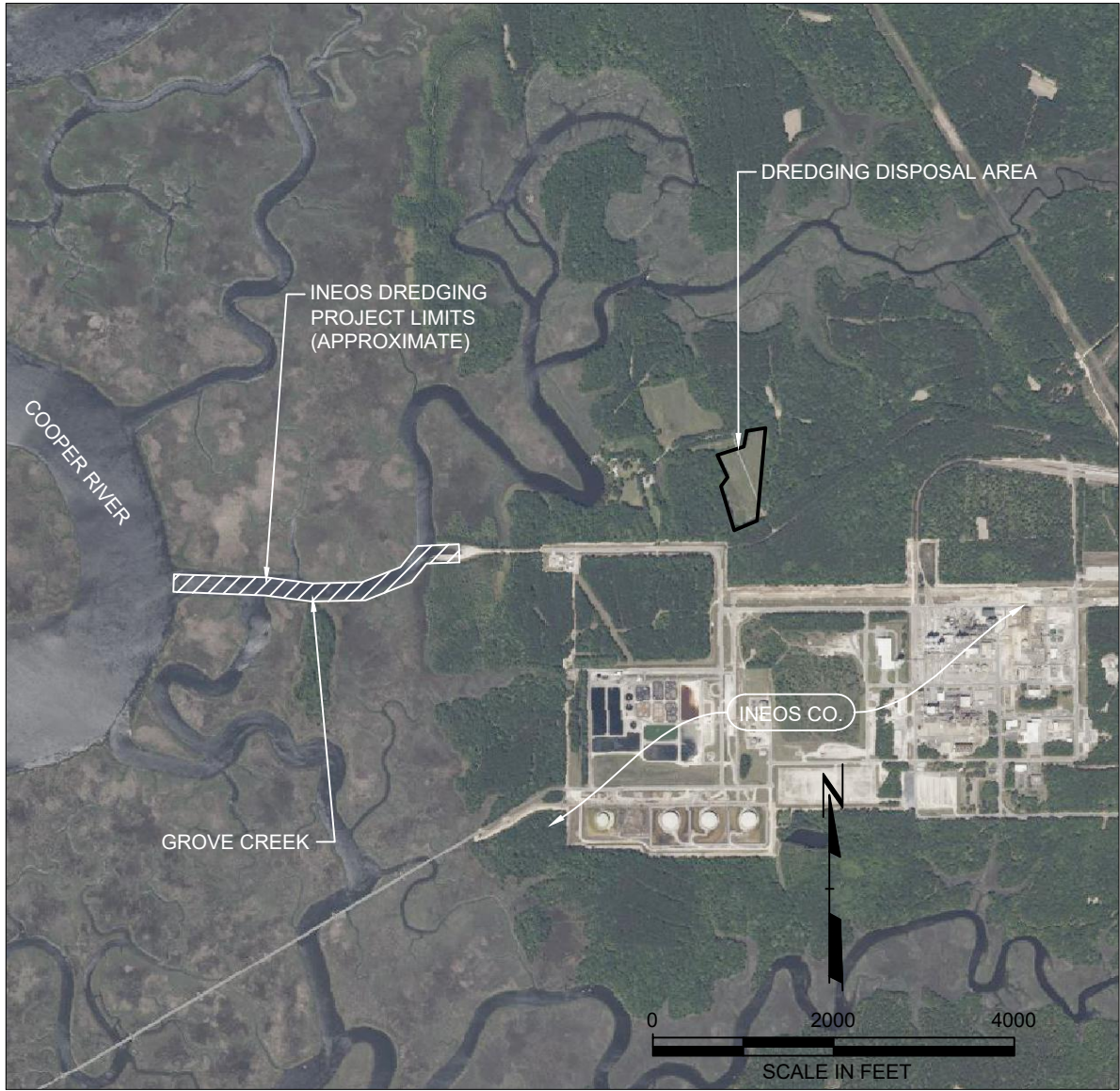
**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

If there are any questions concerning this public notice, please contact Brittany Pittman, Project Manager, at 843-329-8046 or by email at brittany.f.pittman@usace.army.mil.

11x17 -- USER: NEdwin -- ATTACHED XREFS: Base Features -- ATTACHED IMAGES: DREDGING -- DRAWING NAME: \\employees.root.local\\enr\\ECCO\\Greenville\\CADD\\pilot\\CAD\\INEOS\\517456 - Multimedia Permitting\\517456.0000.SHT01.COVER.dwg -- PLOT DATE: February 01, 2024 - 3:43PM -- LAYOUT: SITE LOC - VIC MAP



SITE LOCATION MAP
SCALE: 1"=4000' (APPROXIMATE)



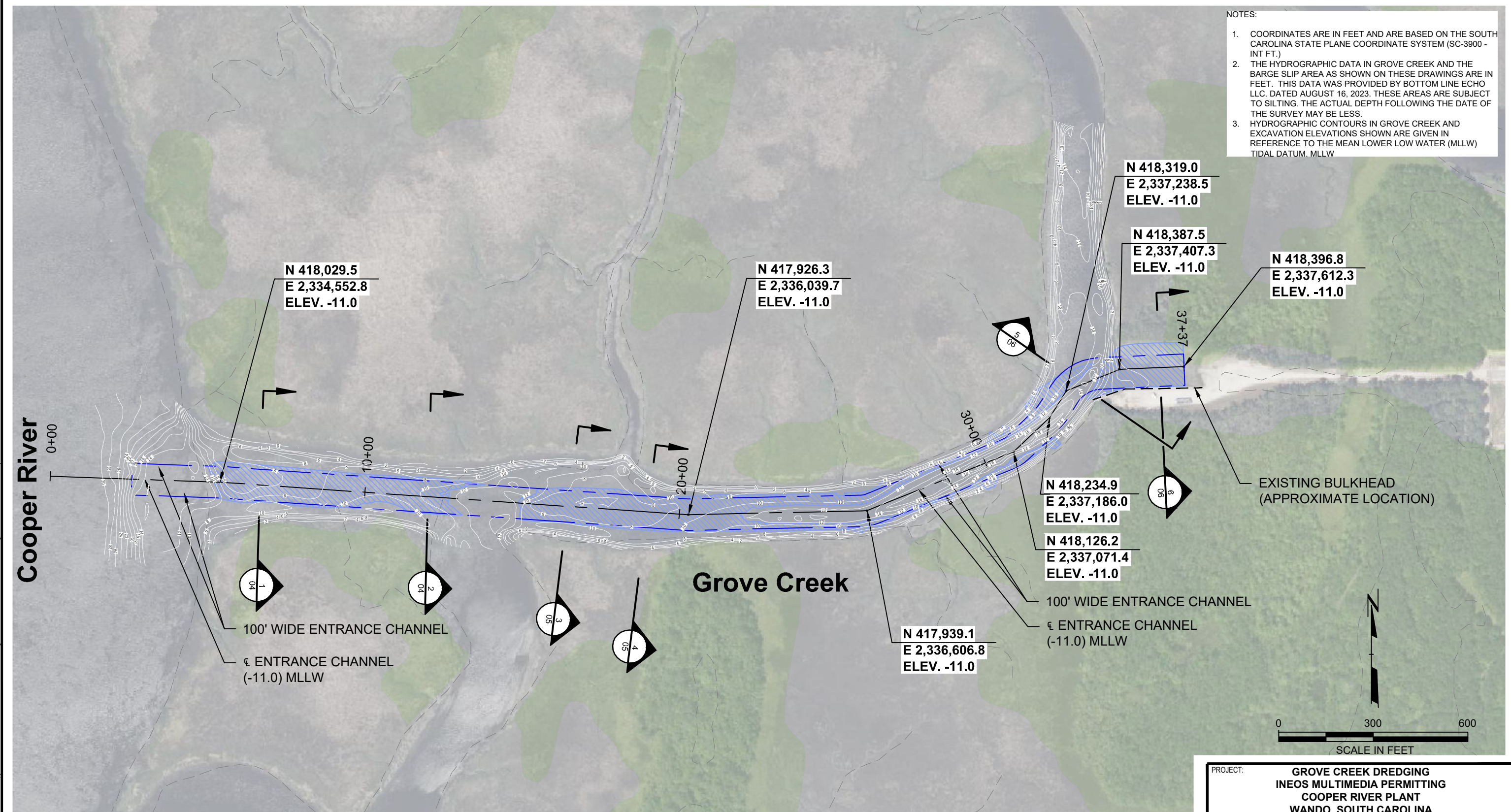
VICINITY MAP
SCALE: 1"=2000' (APPROXIMATE)

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
01	SITE LOCATION AND VICINITY MAP
02	DREDGING PLAN
03	DREDGING PLAN AND PROFILE
04	DREDGING SECTIONS (100 FOOT) - 1
05	DREDGING SECTIONS (100 FOOT) - 2
06	DREDGING SECTIONS (100 FOOT) - 3
07	CONFINED SPOILS DISPOSAL FACILITY PLAN

PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: SITE LOCATION AND VICINITY MAP	
DRAWN BY: N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	SHEET 01 OF 07
APPROVED BY: W. BAILEY	
DATE: FEBRUARY 2024	
114 Edinburgh South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com	
FILE NO:	517456.0000.SHT01.COVER.dwg

NOTE
MAP DERIVED FROM NORTH CHARLESTON
(SC) 1975 7.5' USGS TOPOGRAPHIC
QUADRANGLE

11x17 -- USER: NEdwin -- ATTACHED XREFS: Base Features, Base Contours, Location Map -- ATTACHED IMAGES: Drawing Name -- Employees: root:local:INEOS\Greenville\CADD\pilot\COIN\INEOS\517456 - Multimedia Permitting\517456.0000.SHT02-03.PLAN.dwg -- PLOT DATE: February 01, 2024 - 3:43PM -- LAYOUT: DREDGING PLAN



- NOTES:
- COORDINATES ARE IN FEET AND ARE BASED ON THE SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM (SC-3900 - INT FT.)
 - THE HYDROGRAPHIC DATA IN GROVE CREEK AND THE BARGE SLIP AREA AS SHOWN ON THESE DRAWINGS ARE IN FEET. THIS DATA WAS PROVIDED BY BOTTOM LINE ECHO LLC, DATED AUGUST 16, 2023. THESE AREAS ARE SUBJECT TO SILTING. THE ACTUAL DEPTH FOLLOWING THE DATE OF THE SURVEY MAY BE LESS.
 - HYDROGRAPHIC CONTOURS IN GROVE CREEK AND EXCAVATION ELEVATIONS SHOWN ARE GIVEN IN REFERENCE TO THE MEAN LOWER LOW WATER (MLLW) TIDAL DATUM. MLLW

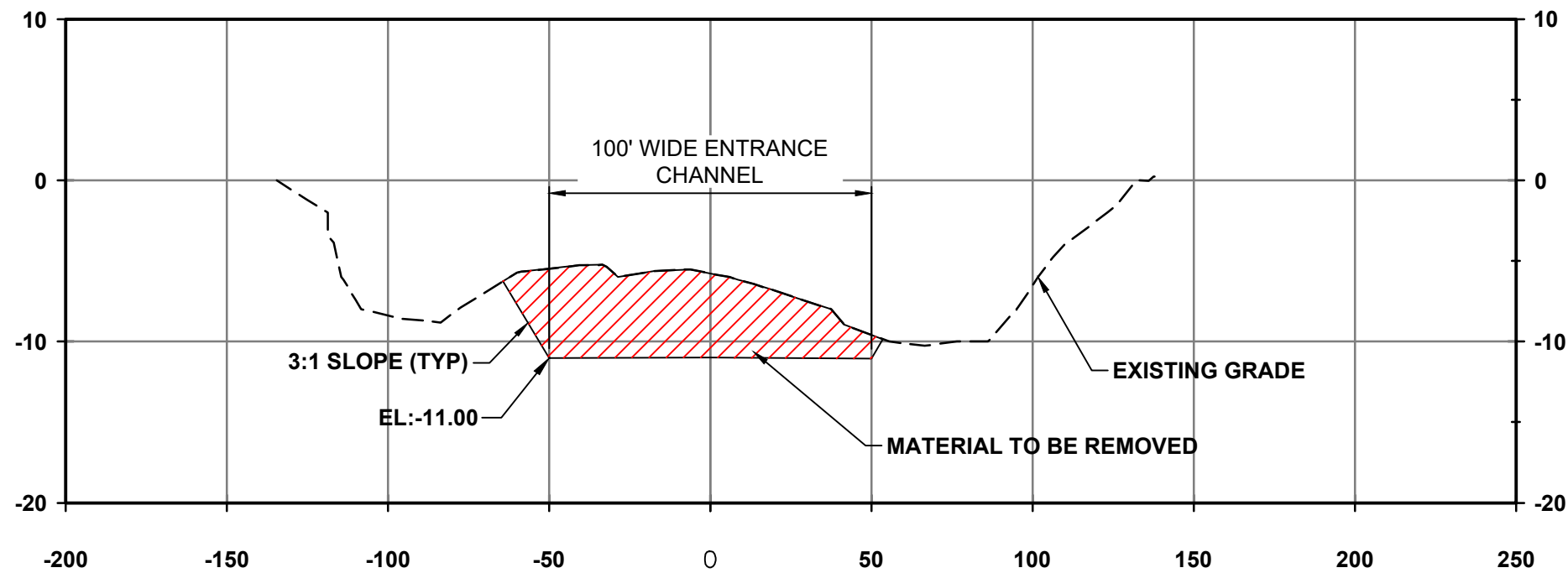
- DATA SOURCE NOTES:
- EXISTING TOPOGRAPHY ACQUIRED FROM BOTTOM LINE ECHO LLC, MAMMOET GROVE CREEK, SINGLE BEAM CONDITION SURVEYED ON 50FT CROSS SECTIONS. SHEET 1 OF 1 SURVEYED ON 16 AUG 2023.
 - EXISTING FEATURES ACQUIRED FROM SC. NORTH CHARLESTON_20200813_TM_GEO.PDF USGS.GOV.

PLAN VIEW
SCALE: 1" = 300'

- LEGEND
- EXISTING APPROXIMATE VEGETATION
 - EXISTING APPROXIMATE WATERBODY
 - AREA TO BE DREDGED
 - EXISTING CONTOUR
 - ENTRANCE CHANNEL (100 FT WIDTH)

PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: DREDGING PLAN	
DRAWN BY: N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	SHEET 02 OF 07
APPROVED BY: W. BAILEY	
DATE: FEBRUARY 2024	
114 Edinburg South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com	
FILE NO.: 517456.0000.SHT02-03.PLAN.dwg	

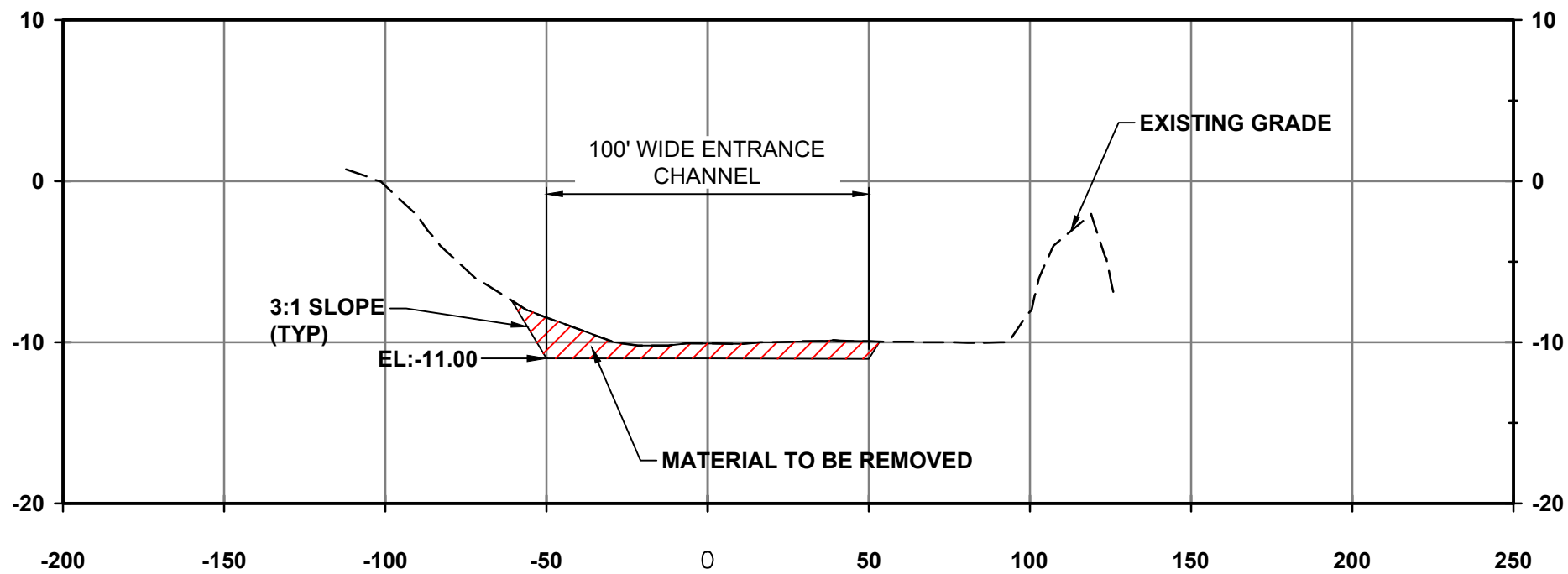
11x17 -- USER NEW -- ATTACHED XREFS -- ATTACHED IMAGES
DRAWING NAME: \\emplyees.root.local\\eml\\ECC\\Greenville\\CADD\\p\\CADD\\INEOS\\517456 - Multimedia Permitting\\517456.0000.SHT\\04-06 SECTIONS.dwg -- PLOT DATE: February 01, 2024 - 3:45PM -- LAYOUT: SECTION PLAN (1) 100
Version: 2017-10-21



1
04

SECTION

6+67.05	
Cut Area (sq. ft.)	500.70
Cut Vol (cu. yd.)	320.25
Cum Cut Vol (cu. yd.)	2497.43

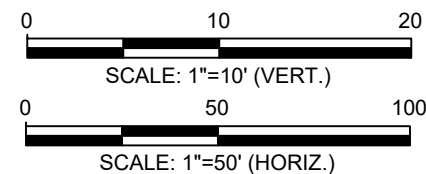



2
04

SECTION

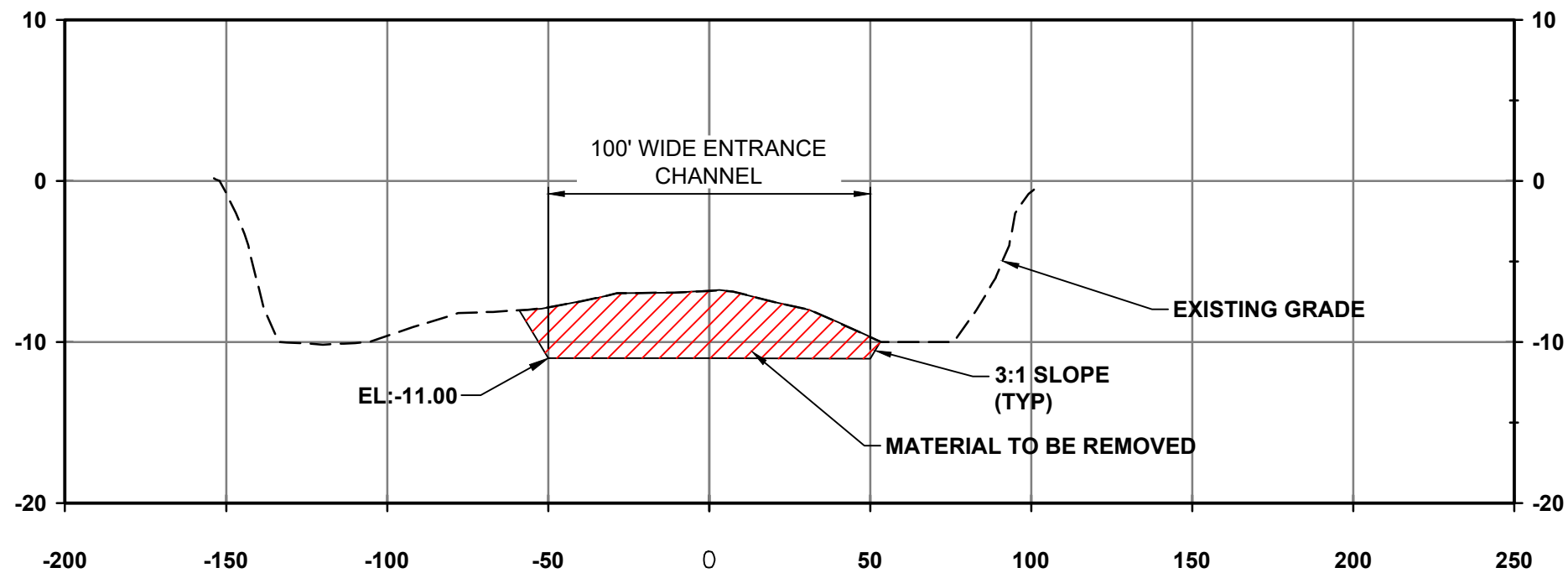
12+00.00	
Cut Area (sq. ft.)	129.76
Cut Vol (cu. yd.)	45.57
Cum Cut Vol (cu. yd.)	7527.22

NOTE: ELEVATIONS SHOWN ARE GIVEN IN REFERENCE TO THE MEAN LOWER LOW WATER (MLLW) TIDAL DATUM



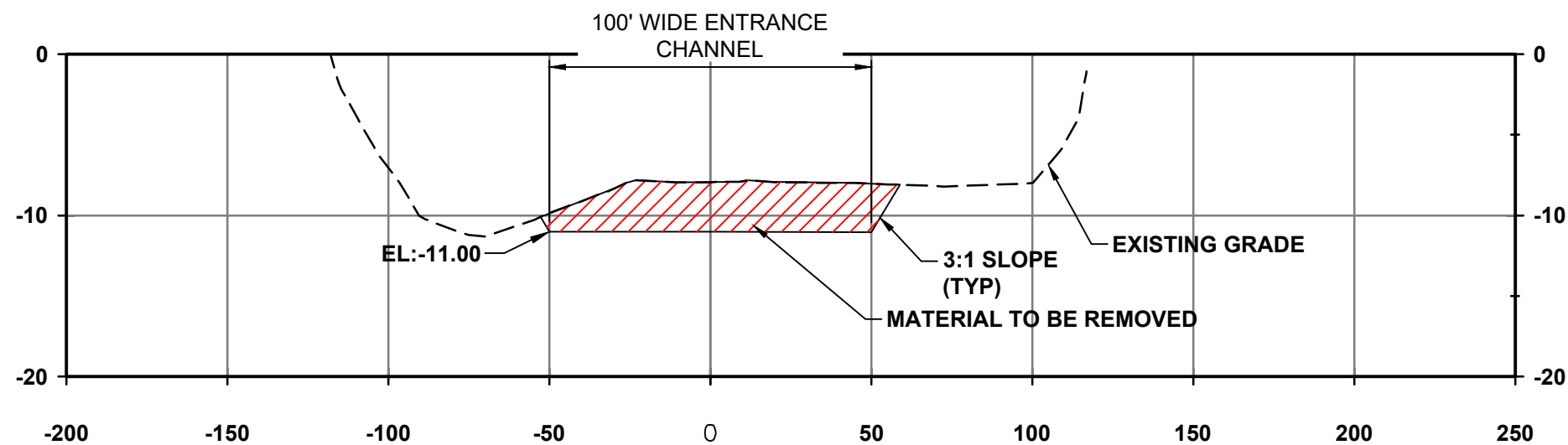
PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: DREDGING SECTIONS (100 FOOT) - 1	
DRAWN BY:N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	SHEET 04 OF 07
APPROVED BY: W. BAILEY	
DATE: FEBRUARY 2024	
<div><div>114 Edinburgh South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com</div></div>	
FILE NO.: 517456.0000.SHT04-06.SECTIONS.dwg	

11x17 -- USER NEW -- ATTACHED XREFS: -- ATTACHED IMAGES:
DRAWING NAME: \\employees.norlocal\\env\\ECCO\\Greenville\\CADD\\p\\CADD\\INEOS\\517456 - Multimedia Permitting\\517456.0000.SHT04-06 SECTIONS.dwg -- PLOT DATE: February 01, 2024 - 3:48PM -- LAYOUT: SECTION PLAN (2) 100
Version: 2017-10-21



3
05

SECTION



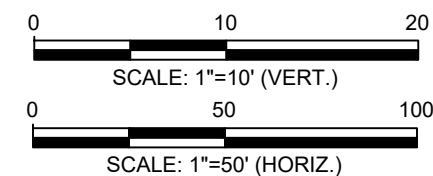
4
05


SECTION

16+50.00	
Cut Area (sq. ft.)	366.30
Cut Vol (cu. yd.)	624.01
Cum Cut Vol (cu. yd.)	9264.77

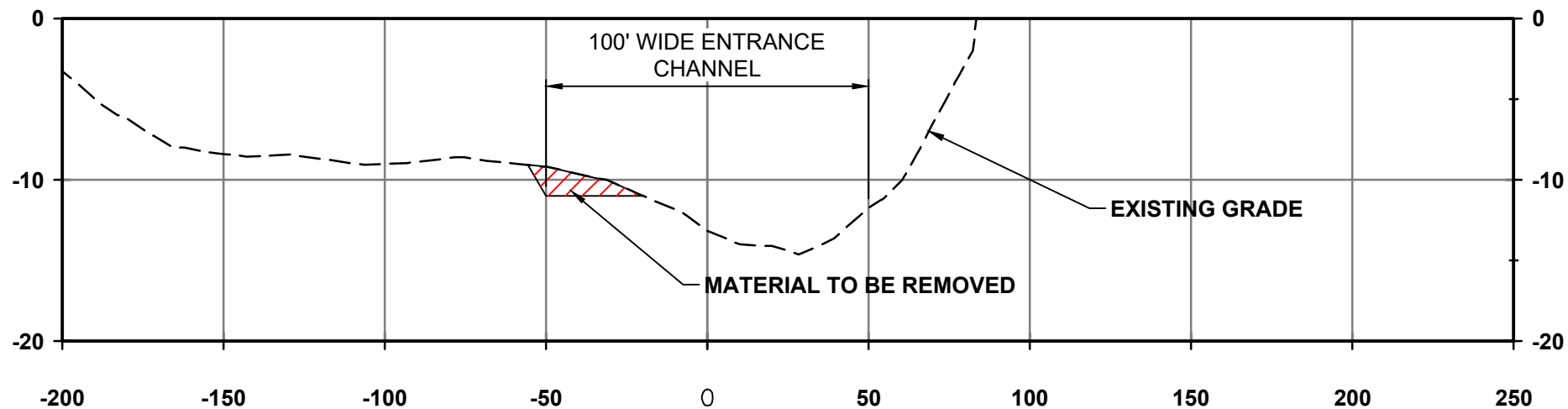
18+99.98	
Cut Area (sq. ft.)	298.11
Cut Vol (cu. yd.)	624.78
Cum Cut Vol (cu. yd.)	13240.15

NOTE: ELEVATIONS SHOWN ARE GIVEN IN
REFERENCE TO THE MEAN LOWER LOW
WATER (MLLW) TIDAL DATUM



PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: DREDGING SECTIONS (100 FOOT) - 2	
DRAWN BY:N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	SHEET 05 OF 07
APPROVED BY: W. BAILEY	
DATE: FEBRUARY 2024	
<div><div>114 Edinburgh South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com</div></div>	
FILE NO.: 517456.0000.SHT04-06.SECTIONS.dwg	

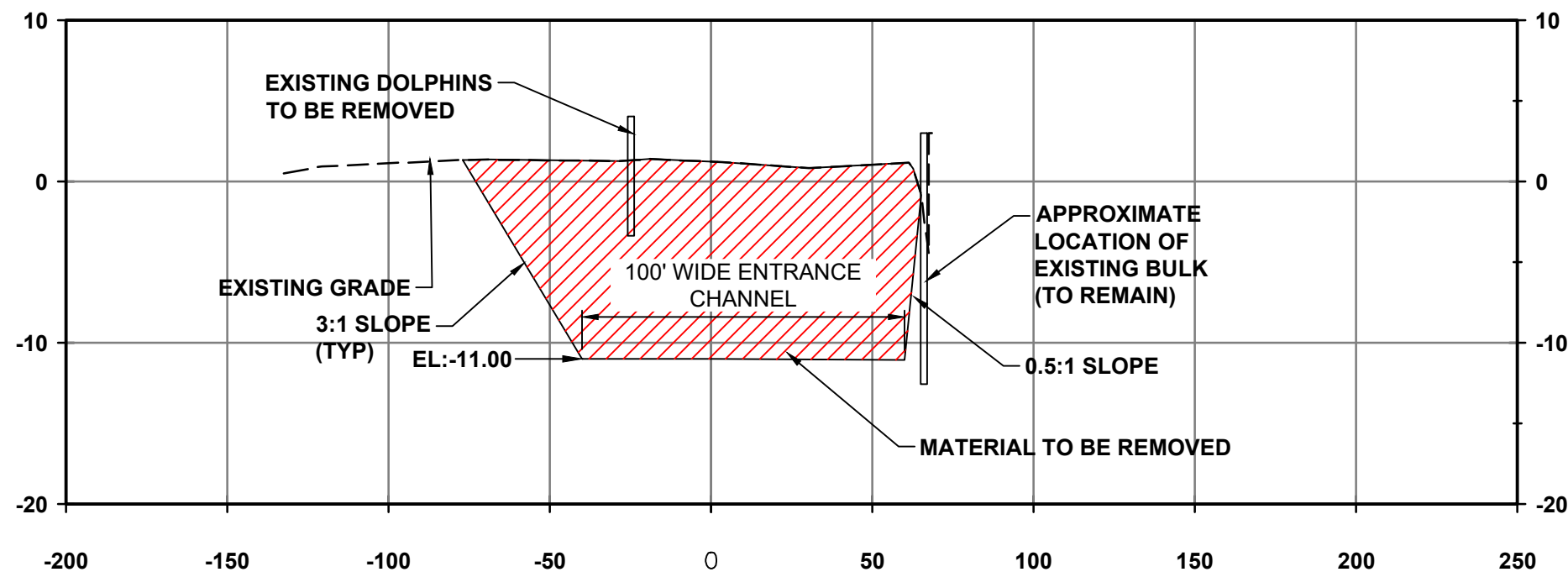
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Version: 2017-10-21



5
06

SECTION

33+92.00	
Cut Area (sq. ft.)	36.87
Cut Vol (cu. yd.)	107.25
Cum Cut Vol (cu. yd.)	17896.85

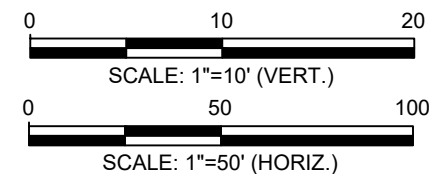



6
06

SECTION
INEOS BARGE SLIP

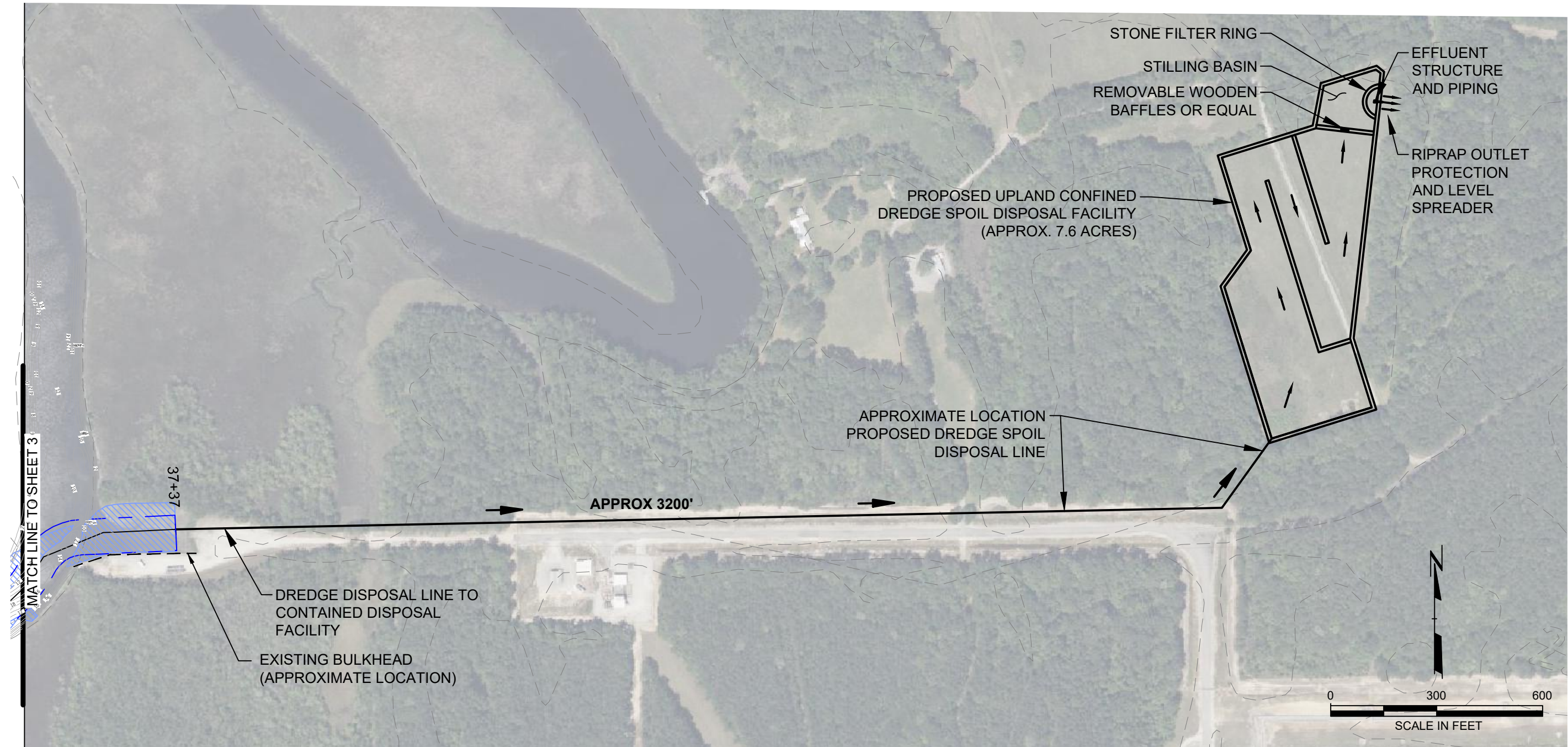
37+00.00	
Cut Area (sq. ft.)	1475.99
Cut Vol (cu. yd.)	2075.11
Cum Cut Vol (cu. yd.)	28072.47

NOTE: ELEVATIONS SHOWN ARE GIVEN IN REFERENCE TO THE MEAN LOWER LOW WATER (MLLW) TIDAL DATUM

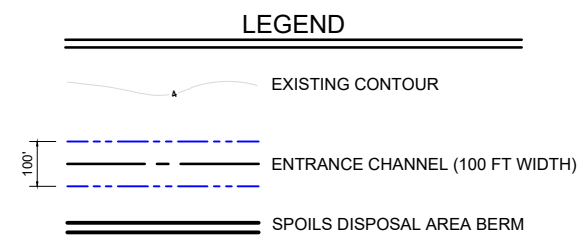
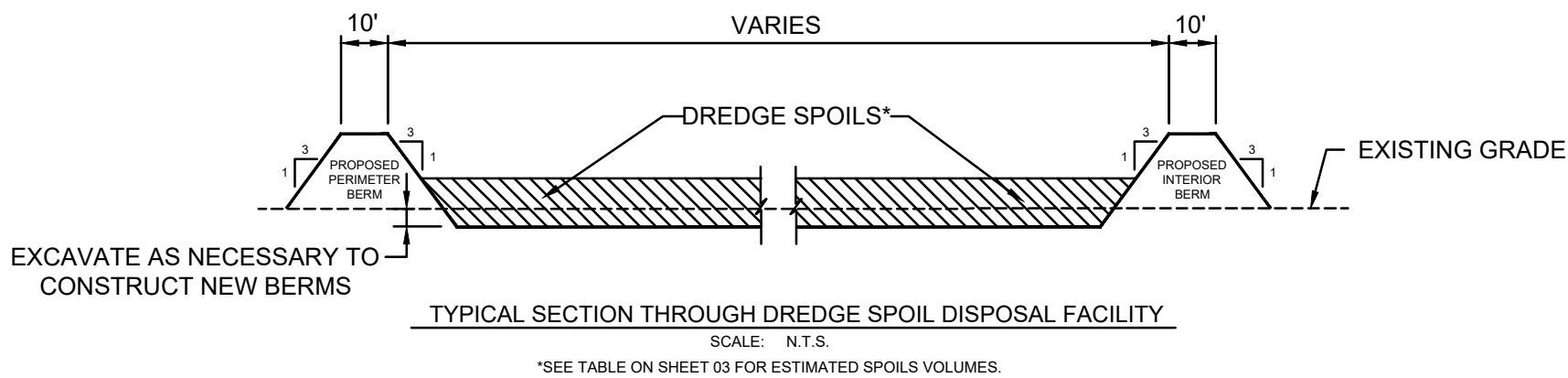



PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: DREDGING SECTIONS (100 FOOT) - 3	
DRAWN BY:N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	SHEET 06 OF 07
APPROVED BY: W. BAILEY	
DATE: FEBRUARY 2024	
<div><div>114 Edinburgh South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com</div></div>	
FILE NO.: 517456.0000.SHT04-06.SECTIONS.dwg	

11x17 -- USER NEWLIN -- ATTACHED XREFS: Base Features: Base Contour, Location Map -- ATTACHED IMAGES: DRAWING NAME: \\employees.nrc.local\enr\EC\Greenville\CAD\pilot\CA\INEOS\517456 - Multimedia Permitting\517456.0000.SHT02-03.PLAN.dwg -- PLOT DATE: February 01, 2024 - 3:47PM -- LAYOUT: DISPOSAL AREA PLAN Version: 2017-10-21

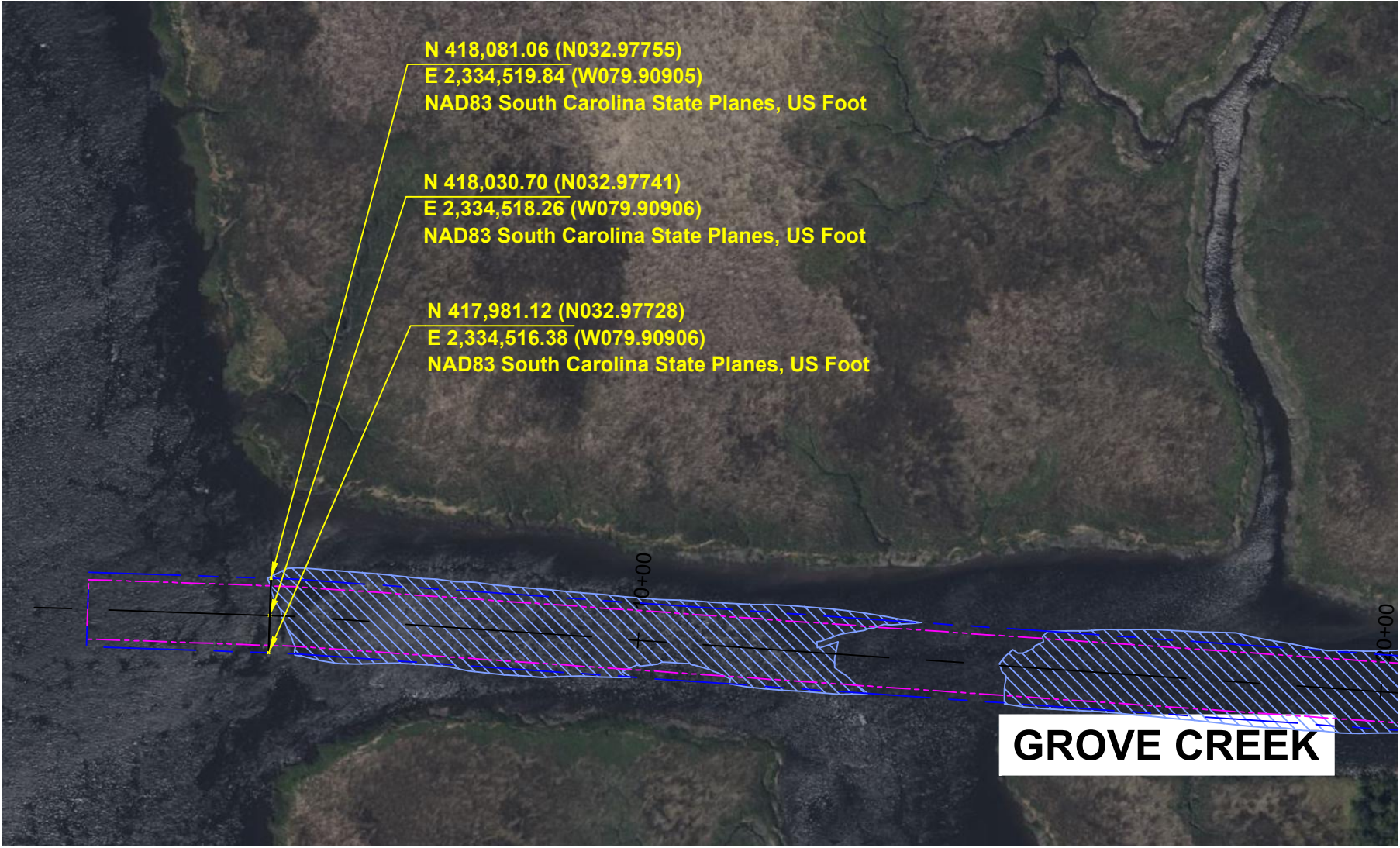


PLAN VIEW
SCALE: 1" = 300'



PROJECT: GROVE CREEK DREDGING INEOS MULTIMEDIA PERMITTING COOPER RIVER PLANT WANDO, SOUTH CAROLINA	
TITLE: CONFINED SPOILS DISPOSAL FACILITY PLAN	
DRAWN BY: N. EDWIN, T. FIEBRANZ	PROJ NO.: 517456.0000.0000
CHECKED BY: C. VALDEZ	
APPROVED BY: W. BAILEY	SHEET 07 OF 07
DATE: FEBRUARY 2024	
 114 Edinburg South Drive, Suite 200 Cary, North Carolina 27511 Phone: 919.827.0864 www.trccompanies.com	
FILE NO.: 517456.0000.SHT02-03.PLAN.dwg	

Version: 2017.10.21



114 Edinburgh South Drive, Suite 200
Cary, North Carolina 27511
Phone: 919.827.0864
www.trccompanies.com

PROJECT:

**GROVE CREEK DREDGING
SAC-2023-01433
BERKELY COUNTY, SOUTH CAROLINA**

TITLE:

CHANNEL ENTRANCE

DRAWN BY:

T. FIEBRANZ

CHECKED BY:

R. HANLEY

APPROVED BY:

W. BAILEY

DATE:

FEBRUARY 2024

PROJ. NO.:

517456.0000.0000

FILE:

517456.0000.CE.dwg
