US Army Corps of Engineers®

PUBLIC NOTICE

Applicant:
Christopher Costello
Tilcon Connecticut Inc.

Published: January 15, 2026
Expires: February 11, 2026

New England District
Permit Application No. NAE-2021-03025

TO WHOM IT MAY CONCERN: The New England District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344), Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. §1413), and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403). The purpose of this public notice is to solicit comments from the public regarding the work described below:

APPLICANT: Christopher Costello
Tilcon Connecticut Inc.
1 Forest Road
Branford, Connecticut 06471

AGENT: William Heiple
Triton Environmental, LLC
385 Church Street, Suite 201
Guilford, Connecticut 06437

WATERWAY AND LOCATION: In tidal waters of Long Island Sound near Totoket Road (Latitude 41.26463, Longitude -72.765911) in Branford, New Haven County, Connecticut.

EXISTING CONDITIONS: Tilcon Connecticut Inc.Pine Orchard Terminal is a commercial marine terminal.

PROJECT PURPOSE:

Basic: Re-establish depths for access and safe marina operations.

Overall: Restore water depths to provide full-tide accessible berthing by mechanically dredging shoaled areas that are creating a navigational hazard at Pine Orchard Terminal.

PROPOSED WORK: The applicant requests authorization to mechanically dredge up to 65,600 cubic yards of material over 21 acres within Long Island Sound, to a depth of -15.5 feet mean low water (MLW) with 1-foot of allowable overdepth in the Barge Basin, and to a depth of -17 feet MLW with 1-foot of allowable overdepth in the Access

Channel. Dredged material would be disposed of at the Central Long Island Sound Disposal Site.

AVOIDANCE AND MINIMIZATION: Dredging would be limited to the previously authorized footprint and depths, and would occur at times when federally listed species are not likely to be present.

COMPENSATORY MITIGATION: The applicant offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment: Credits would be purchased through the Connecticut In-Lieu Fee Program to compensate for unavoidable impacts to aquatic resources within the authorized dredge footprint.

CULTURAL RESOURCES: The Corps evaluated the undertaking pursuant to Section 106 of the National Historic Preservation Act utilizing its existing program-specific regulations and procedures along with 36 CFR Part 800. The Corps' program-specific procedures include 33 CFR 325, Appendix C, and revised interim guidance issued in 2005 and 2007, respectively. The District Engineer consulted district files and records and the latest published version of the National Register of Historic Places and initially determines that no historic properties (i.e., properties listed in or eligible for inclusion in the National Register of Historic Places) are present within the Corps' permit area; therefore, there will be no historic properties affected. The Corps subsequently requests concurrence from the State Historic Preservation Office (SHPO) and/or Tribal Historic Preservation Officers (THPOs).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPOs, 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.

ENDANGERED SPECIES: The Corps has performed an initial review of the application, the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) and the National Marine Fisheries Service (NMFS) Endangered Species Act (ESA) Section 7 Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur within the boundary of the proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project is not likely to adversely affect species and critical habitat listed in Table 1. No other ESA-listed species or critical habitat will be affected by the proposed action.

Table 1. ESA-listed species and/or critical habitat potentially present in the action area.

Species Common Name and/or Critical Habitat Name	Scientific Name	Federal Status
Northern Long-eared Bat	*Myotis septentrionalis*	Endangered
Tricolored Bat	*Perimyotis subflavus*	Endangered
Roseate Tern	*Sterna dougallii dougallii*	Endangered
Atlantic Sturgeon	*Acipenser oxyrinchus oxyrinchus*	Endangered
Shortnose Sturgeon	*Acipenser brevirostrum*	Endangered
Green Sea Turtle	*Chelonia mydas*	Endangered
Kemp's Ridley Sea Turtle	*Lepidochelys kempii*	Endangered
Leatherback Sea Turtle	*Dermochelys coriacea*	Endangered
Loggerhead Sea Turtle	*Caretta caretta*	Endangered

Pursuant to Section 7 ESA, any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

This notice serves as request to the USFWS and NMFS for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

ESSENTIAL FISH HABITAT: Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Our initial determination is that the proposed action may adversely affect EFH and/or fisheries managed by Fishery Management Councils and the NMFS. Implementation of the proposed project would directly impact approximately 5.5 acres of shellfish habitat. The effects of the project are determined to be minimal and permanent.

Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

NAVIGATION: The proposed structure or activity is not located in the vicinity of a federal navigation channel.

SECTION 408: The applicant will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

WATER QUALITY CERTIFICATION: Water Quality Certification may be required from the Connecticut Department of Energy and Environmental Protection.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has been verified by Corps personnel.

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. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

COMMENTS: 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 proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to 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 proposed activity.

The New England District will receive written comments on the proposed work, as outlined above, until February 11, 2026. Comments should be submitted electronically via the Regulatory Request System (RRS) at https://rrs.usace.army.mil/rrs or to cenae-r-ct@usace.army.mil. Alternatively, you may submit comments in writing to the Commander, U.S. Army Corps of Engineers, New England District, Attention: cenae-r-ct@usace.army.mil. Please refer to the permit application number in your comments.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

EXISTING DOLPHIN (TYP.)

MATCHLINE A

BOUNDARY OF PREVIOUSLY AUTHORIZED (AND CURRENTLY PROPOSED) DREDGE FOOTPRINT

BARGE BASIN DREDGE FOOTPRINT
AUTHORIZED DREDGE EL.= -15.5 FT MLW
(PLUS 1 FT. OVERDREDGE)
AND 3:1 SIDESLOPES
SURVEYED SEPTEMBER 22, 2021
APPROXIMATELY 13,757 C.Y.
APPROXIMATELY 210,000 S.F.

3:1 SIDESLOPES PREVIOUS AUTHORIZED (AND CURRENTLY PROPOSED)

FLOOD

EBB

BEACH

RIP RAP

WINCH HOUSE

STONE DRIVE

SUB-STATION

TILCON CT - RAIL/BARGE AGGREGATE TRANSFER FACILITY

SHED

PAVED WHARF

BLOCK WALL

CONCRETE BLOCKS

FLOATING DOCK

A

A'

E 996,000

N 659,000

N 658,000

NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. ALL SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER.

3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).

4. TRIMBLE MPS865 RTK GPS USED FOR POSITIONING.

5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.

6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.

7. THE INFORMATION DEPICTED PRESENTED ON THIS MAP REPRESENTS THE RESULTS OF HYDROGRAPHIC CONDITIONS SURVEY PERFORMED ON SEPTEMBER 22. 2021 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.

8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

-1.00 — CUT CONTOUR

AREA TO BE DREDGED

STATE MANAGED SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT
WILLIAM C. HICKEY
No.20449
LICENSED
PROFESSIONAL ENGINEER

REV.	DESCRIPTION	APP'D	DATE
1	ADDED BARGE BASIN FOOTPRINT SQUARE FOOTAGE	WCH	8/20/2025

TRITON ENVIRONMENTAL
A TRUE ENVIRONMENTAL COMPANY
385 Church Street, Suite 201 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3A
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – BARGE BASIN
DESIGN DEPTH –15.5' MLW (OVERDREDGE –16.5 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 8/20/25	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-BARGE06

P:\CAD\DRAWNGS\200000\200025\FIGURES\COP\200025-COP-2023-BARGE06.DWG
Layout:FIG 3A

MATCH LINE B

REMOVAL OF 4-5' OF SEDIMENT IN CHANNEL IN THIS AERA

BOUNDARY OF PREVIOUSLY AUTHORIZED (AND CURRENTLY PROPOSED) DREDGE FOOTPRINT

APPROX. 8,600' x 80' ACCESS CHANNEL
AUTHORIZED DREDGE EL.= -17 FT MLW
(PLUS 1 FT. OVERDREDGE)
SURVEYED SEPTEMBER 2021
APPROXIMATELY 51,747 C.Y.

3:1 SIDESLOPES PREVIOUS AUTHORIZED (AND CURRENTLY PROPOSED)

B

B'

MATCH LINE A

EXISTING DOLP

E 995,000

N 657,000

FLOOD

EBB

NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. ALL SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER.

3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).

4. TRIMBLE MPS865 RTK GPS USED FOR POSITIONING.

5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.

6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.

7. THE INFORMATION DEPICTED PRESENTED ON THIS MAP REPRESENTS THE RESULTS OF HYDROGRAPHIC CONDITIONS SURVEY PERFORMED ON SEPTEMBER 22. 2021 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.

8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

-1.00 — CUT CONTOUR

AREA TO BE DREDGED

STATE MANAGED SHELLFISH BED

APPROXIMATE SCALE

4 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT · STEPHEN J. BENSON · 34083 · REGISTERED PROFESSIONAL ENGINEER

TRITON COASTAL CONSULTANTS, LLC
Engineering & Permitting
385 Church Street, Suite 203 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3B
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWNGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout: FIG 3B

MATCH LINE C

BOUNDARY OF PREVIOUSLY AUTHORIZED (AND CURRENTLY PROPOSED) DREDGE FOOTPRINT

REMOVAL OF 4-5' OF SEDIMENT IN CHANNEL IN THIS AERA

3:1 SIDESLOPES PREVIOUS AUTHORIZED (AND CURRENTLY PROPOSED)

APPROX. 8,600' x 80' ACCESS CHANNEL
AUTHORIZED DREDGE EL. = -17 FT MLW
(PLUS 1 FT. OVERDREDGE)
SURVEYED SEPTEMBER 2021
APPROXIMATELY 51,747 C.Y.

FLOOD

EBB

N 659,000

MATCH LINE A

LEGEND

-1.00 CUT CONTOUR

AREA TO BE DREDGED

STATE MANAGED SHELLFISH BED

RECREATIONAL SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT
STEPHEN J. MESNIK
34083
LICENSED PROFESSIONAL ENGINEER

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2. ALL SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER.

3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).

4. TRIMBLE MPS865 RTK GPS USED FOR POSITIONING.

5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.

6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.

7. THE INFORMATION DEPICTED PRESENTED ON THIS MAP REPRESENTS THE RESULTS OF HYDROGRAPHIC CONDITIONS SURVEY PERFORMED ON SEPTEMBER 22. 2021 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.

8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

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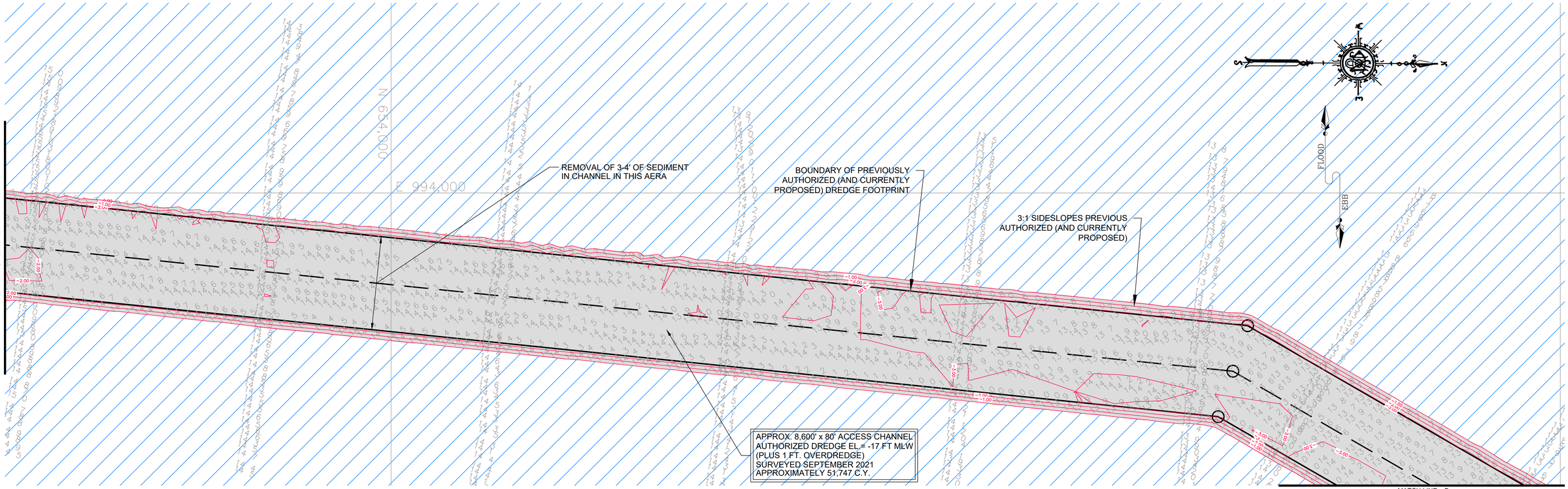
FIGURE 3C
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout: FIG 3C



NOTES:

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8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

- −1.00 — CUT CONTOUR
- AREA TO BE DREDGED
- RECREATIONAL SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STEPHEN J. BRINKMAN — STATE OF CONNECTICUT — 24083 — LICENSED PROFESSIONAL ENGINEER

TRITON COASTAL CONSULTANTS, LLC
Engineering & Permitting
385 Church Street, Suite 203 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3D
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH −17' MLW (OVERDREDGE −18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM	APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'
	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout:FIG 3D

MATCH LINE E

REMOVAL OF 1-2' OF SEDIMENT IN CHANNEL IN THIS AERA

BOUNDARY OF PREVIOUSLY AUTHORIZED (AND CURRENTLY PROPOSED) DREDGE FOOTPRINT

APPROX. 8,600' x 80' ACCESS CHANNEL
AUTHORIZED DREDGE EL.= -17 FT MLW
(PLUS 1 FT. OVERDREDGE)
SURVEYED SEPTEMBER 2021
APPROXIMATELY 51,747 C.Y.

E 994,000

N 653,000

3:1 SIDESLOPES PREVIOUS AUTHORIZED (AND CURRENTLY PROPOSED)

MATCH LINE C

FLOOD

EBB

NOTES:

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3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).

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5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.

6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.

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8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

-1.00 — CUT CONTOUR

AREA TO BE DREDGED

RECREATIONAL SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT · STEPHEN J. BENSON · 24083 · REGISTERED PROFESSIONAL ENGINEER

TRITON COASTAL CONSULTANTS, LLC
Engineering & Permitting
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FIGURE 3E
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout:FIG 3E

MATCH LINE F

E 993,000

N 800,529

FLOOD

EBB

BOUNDARY OF PREVIOUSLY AUTHORIZED (AND CURRENTLY PROPOSED) DREDGE FOOTPRINT

REMOVAL OF 1-2' OF SEDIMENT IN CHANNEL IN THIS AERA

APPROX. 8,600' x 80' ACCESS CHANNEL
AUTHORIZED DREDGE EL. = -17 FT MLW
(PLUS 1 FT. OVERDREDGE)
SURVEYED SEPTEMBER 2021
APPROXIMATELY 51,747C.Y.

3:1 SIDESLOPES PREVIOUS AUTHORIZED (AND CURRENTLY PROPOSED)

MATCH LINE D

NOTES:

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8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

-1.00 — CUT CONTOUR

AREA TO BE DREDGED

RECREATIONAL SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT
STEPHEN J. BENES
24083
REGISTERED
PROFESSIONAL ENGINEER

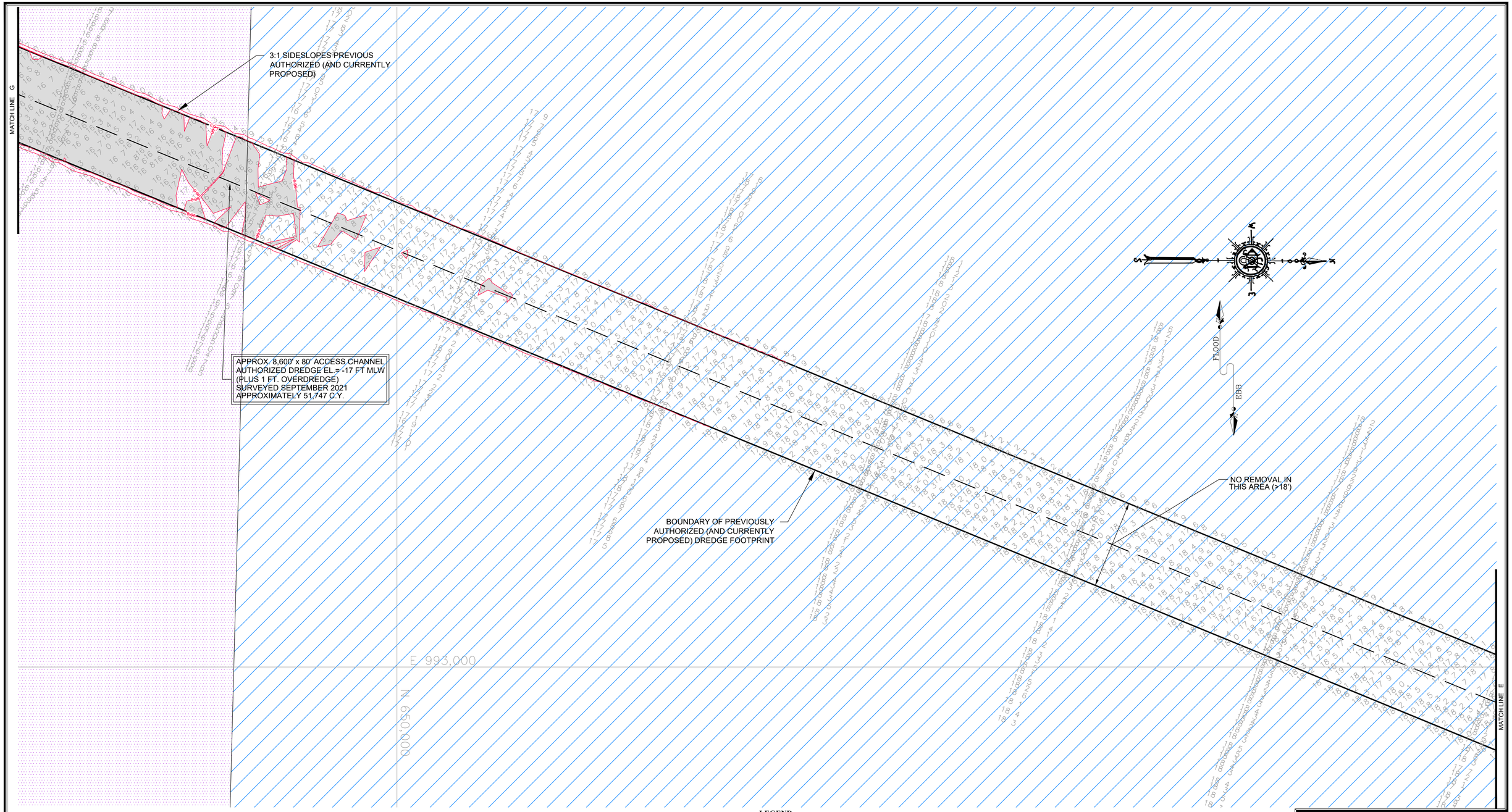
TRITON COASTAL CONSULTANTS, LLC
Engineering & Permitting
385 Church Street, Suite 203 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3F
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM	APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout:FIG 3F



LEGEND

-1.00	CUT CONTOUR
	AREA TO BE DREDGED
	RECREATIONAL SHELLFISH BED
	STATE MANAGED SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

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3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).
4. TRIMBLE MPS865 RTK GPS USED FOR POSITIONING.
5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.
6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.
7. THE INFORMATION DEPICTED PRESENTED ON THIS MAP REPRESENTS THE RESULTS OF HYDROGRAPHIC CONDITIONS SURVEY PERFORMED ON SEPTEMBER 22. 2021 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.
8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

SEAL & SIGNATURE

STATE OF CONNECTICUT · STEPHEN J. BENES · 24083 · LICENSED PROFESSIONAL ENGINEER

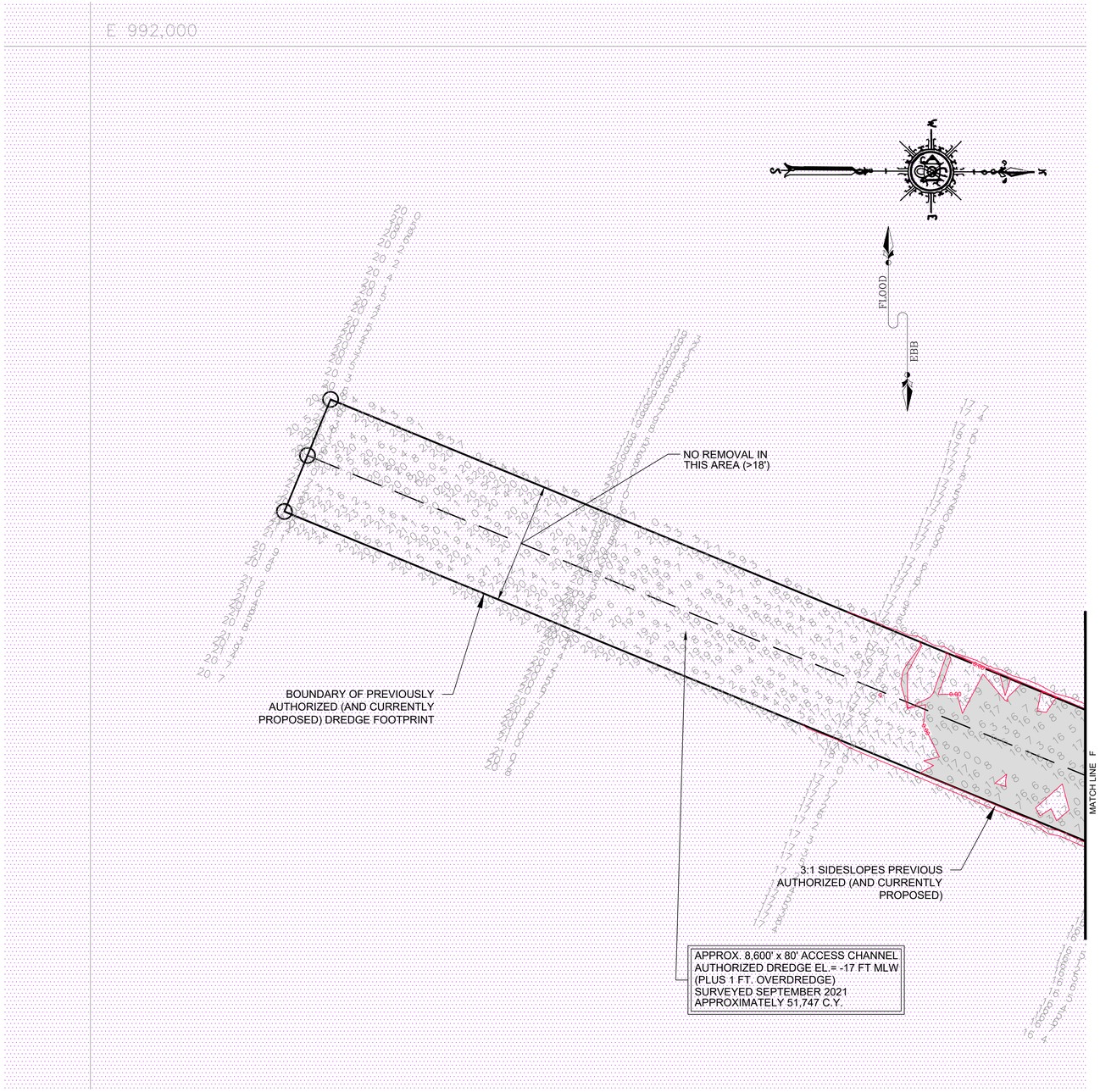
TRITON COASTAL CONSULTANTS, LLC
Engineering & Permitting
385 Church Street, Suite 203 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 3G
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout:FIG 3G



NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.

2. ALL SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER.

3. ALL SOUNDINGS ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).

4. TRIMBLE MPS865 RTK GPS USED FOR POSITIONING.

5. INNERSPACE MODEL 448 USED TO GATHER SOUNDING DATA.

6. HYPACK MAX SOFTWARE USED FOR NAVIGATION AND POST PROCESSING.

7. THE INFORMATION DEPICTED PRESENTED ON THIS MAP REPRESENTS THE RESULTS OF HYDROGRAPHIC CONDITIONS SURVEY PERFORMED ON SEPTEMBER 22. 2021 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.

8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

LEGEND

-1.00 — CUT CONTOUR

AREA TO BE DREDGED

STATE MANAGED
SHELLFISH BED

APPROXIMATE SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

SEAL & SIGNATURE

STATE OF CONNECTICUT · STEPHEN J. BENSEN · 24083 · REGISTERED PROFESSIONAL ENGINEER

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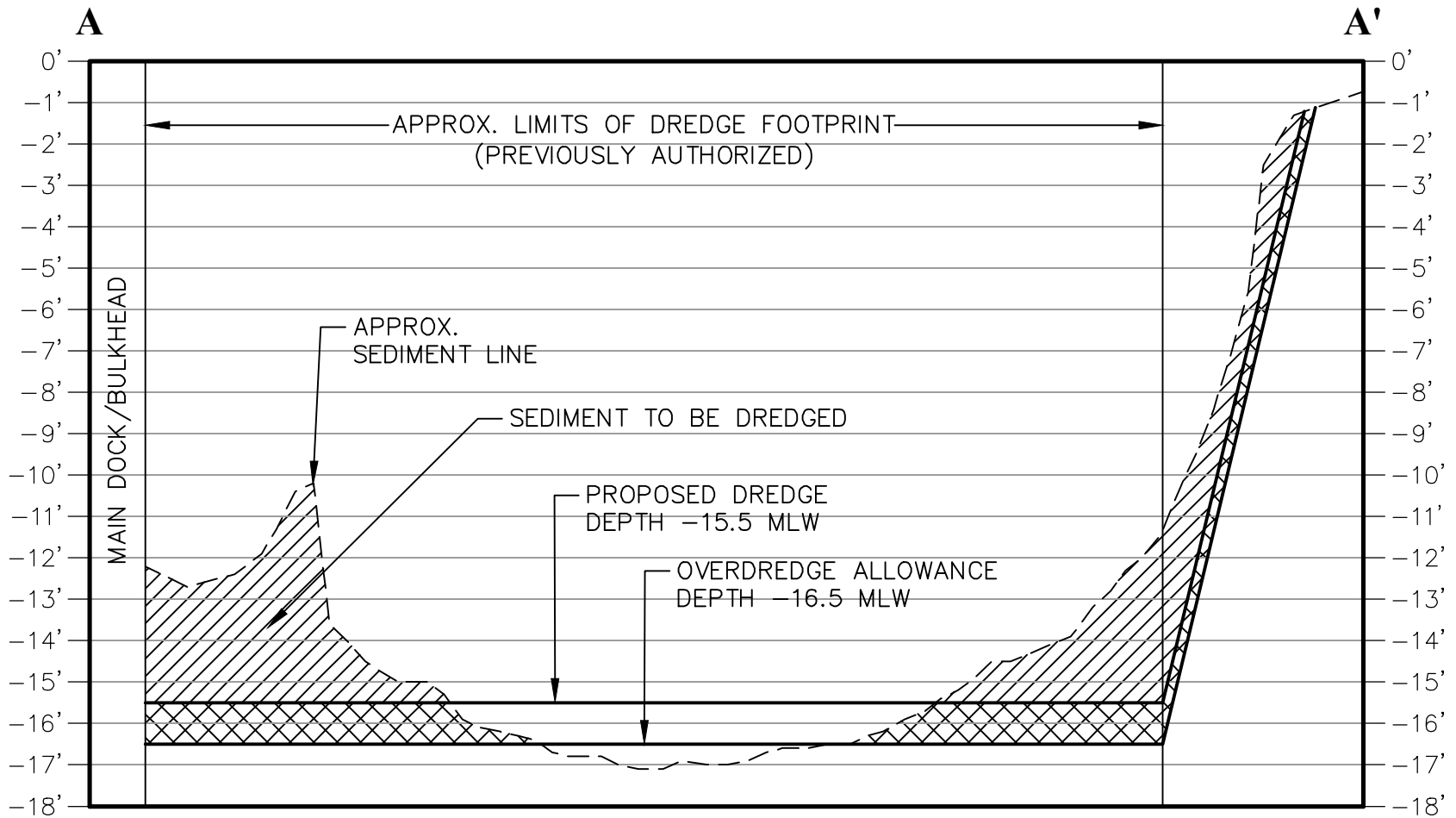
FIGURE 3H
TILCON CT – PINE ORCHARD DOCK
DREDGE CUT VOLUME/CONTOURS – ACCESS CHANNEL
DESIGN DEPTH –17' MLW (OVERDREDGE –18 MLW)
CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: 1"= 40'	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout:FIG 3H



HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=4'

SEAL & SIGNATURE

STATE OF CONNECTICUT
STEPHEN J. BENBEN
24952
LICENSED
PROFESSIONAL ENGINEER

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FIGURE 4
TILCON CT – PINE ORCHARD DOCK
CROSS SECTION A–A'

CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
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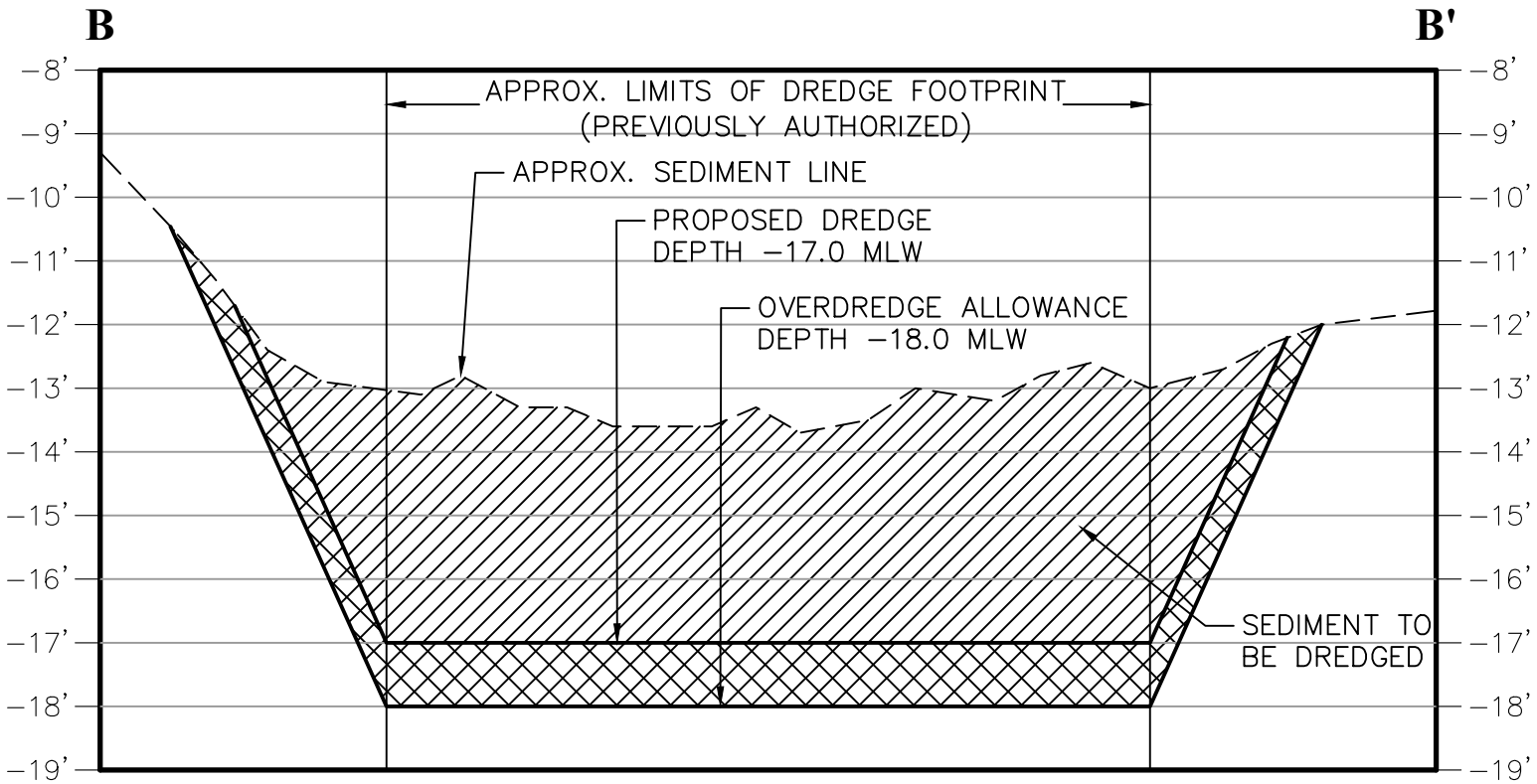
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: AS SHOWN	FILE No.: 200025-COP-2023-BARGE05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-BARGE05.DWG
Layout: FIG 4



HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=3'

SEAL & SIGNATURE

STATE OF CONNECTICUT
STEPHEN J. BENBEN
24952
LICENSED
PROFESSIONAL ENGINEER

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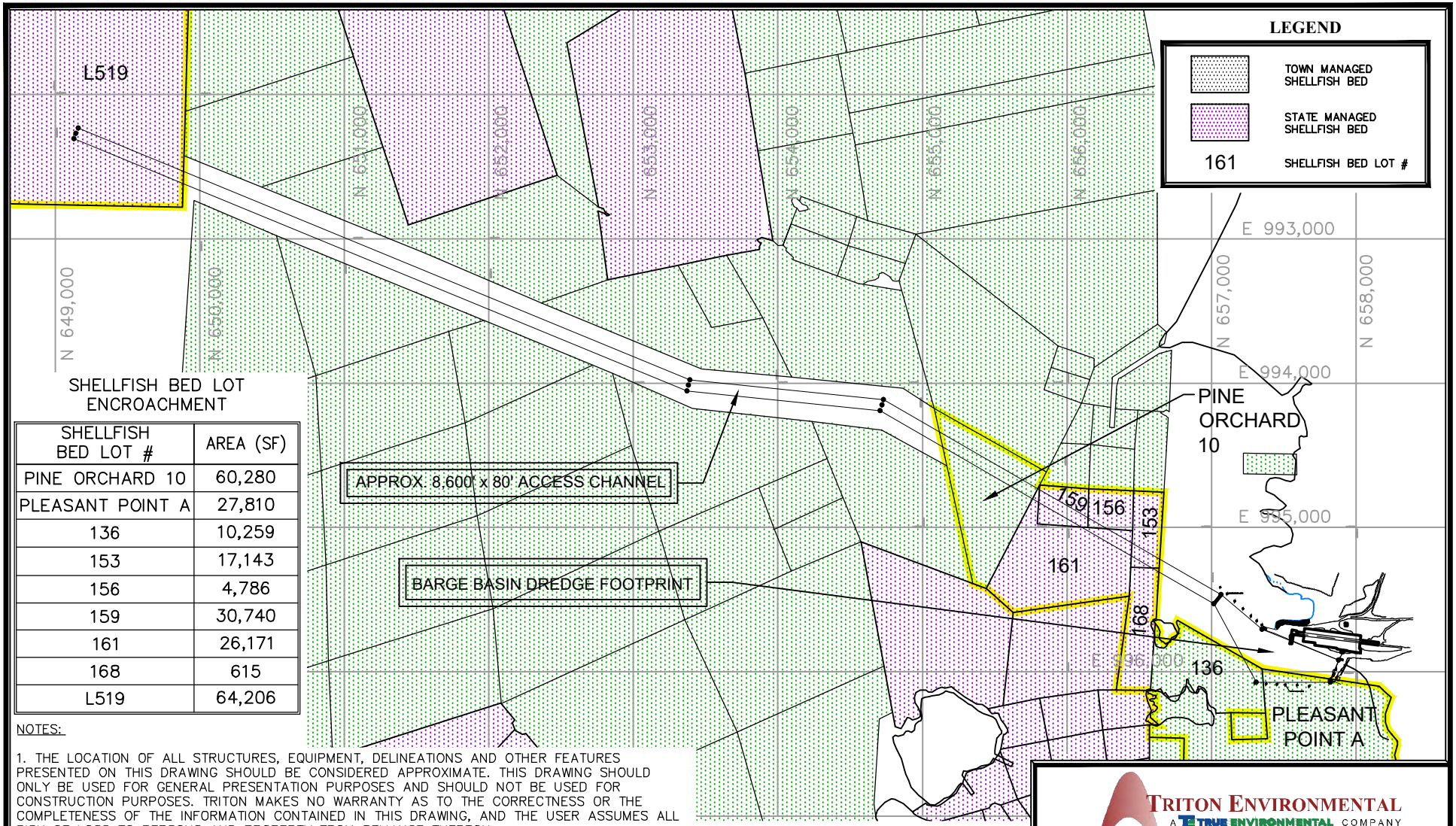
FIGURE 5
TILCON CT – PINE ORCHARD DOCK
CROSS SECTION B–B'

CERTIFICATE OF PERMISSION REPORT

TILCON CONNECTICUT INC.
190 TOTOKET ROAD
BRANFORD, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: JCG
DATE: 4/24/24	SCALE: AS SHOWN	FILE No.: 200025-COP-2023-CHAN05

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-CHAN05.DWG
Layout: FIG 5



SHELLFISH BED LOT ENCROACHMENT

SHELLFISH BED LOT #	AREA (SF)
PINE ORCHARD 10	60,280
PLEASANT POINT A	27,810
136	10,259
153	17,143
156	4,786
159	30,740
161	26,171
168	615
L519	64,206

NOTES:

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8. COORDINATES REFER TO CONNECTICUT STATE PLANE NAD83.

APPROXIMATE SCALE

1000 0 500 1000 2000

(IN FEET)
1 inch =1000 ft.

REV.	DESCRIPTION	APP'D	DATE
1	SHELLFISH BED ENCROACHMENT DETAILS	WCH	8/20/2025

TRITON ENVIRONMENTAL
A TRUE ENVIRONMENTAL COMPANY
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FIGURE 6

SHELLFISH BED LOCATIONS

CERTIFICATE OF PERMISSION REPORT

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DATE: 8/20/25 | SCALE: 1"=1000' | FILE No.: 200025-COP-2023-SHELLFISH04

P:\CAD\DRAWINGS\200000\200025\FIGURES\COP\200025-COP-2023-SHELLFISH04.DWG
Layout: FIG 6