



Registered in CT, RI & MA

July 25, 2023

Coastal Resources Management Council
Attn: Justin Skenyon
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, Rhode Island 02879

RE: Revised Plan Submission for Maintenance Dredge Application
CRMC Application No. 2022-11-010
Watch Hill Yacht Club
Property Address: 151 Bay Street, Westerly, RI; Plat 185, Lot 31-1
Property Owner: Watch Hill Yacht Club and The Watch Hill Fire District

Dear Mr. Skenyon:

As discussed, I am attaching four (4) sets of revised site plans for the proposed maintenance dredging at the Watch Hill Yacht Club located at 1 Fort Road in Watch Hill. This submission is in response to objections that were raised by residents between February and March 2023. In review of the objections, it was evident that the residents had a concern regarding pedestrian access across the Watch Hill Fire District's property to Napatree Point and NOT an objection to the dredging operation. As stated previously, sand continuously has been deposited and built-up at the existing bulkhead adjacent to the Watch Hill Yacht Club. This deposition of sediment can be attributed to the natural currents within the Watch Hill Cove and the close proximity to the adjacent beach dunes. In the past, the club has routinely removed the sediment build-up with the last maintenance occurring in 2007. Dredging permits have been issued by CRMC and RIDEM as far back as 1985.

The site plan changes include identifying a temporary pedestrian access route around the staging areas and along the existing bulkhead wall while the contractor is dredging within the identified areas of the existing marina perimeter. The site plan was also revised to indicate the staging areas necessary to conduct the dredging operation as well as notes stating that pedestrian access will not be obstructed during the construction activities. Temporary construction fencing

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MANAGEMENT COUNCIL**

Revised Plan Submission for Maintenance Dredge Application
CRMC Application No. 2022-11-010
Watch Hill Yacht Club
Property Address: 151 Bay Street, Westerly, RI; Plat 185, Lot 31-1
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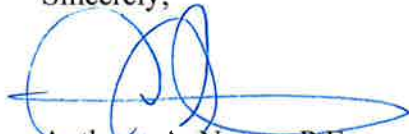
Page 2 of 2

is proposed around the staging areas for public safety. During dredging operations, pedestrians will be directed along the existing sidewalk and around the southerly end of the staging areas in order to provide access to Napatree Point. This was indicated on the plan for public safety.

It is important to note that this is a temporary process that would take place when the beach season is closed for the year. It is anticipated that the dredging would be completed within 4 weeks from start to finish. At no time will pedestrian access be restricted by construction activities.

Thank you for your consideration with this application, if you have any questions regarding this application, please feel free to call me at 401-348-6831.

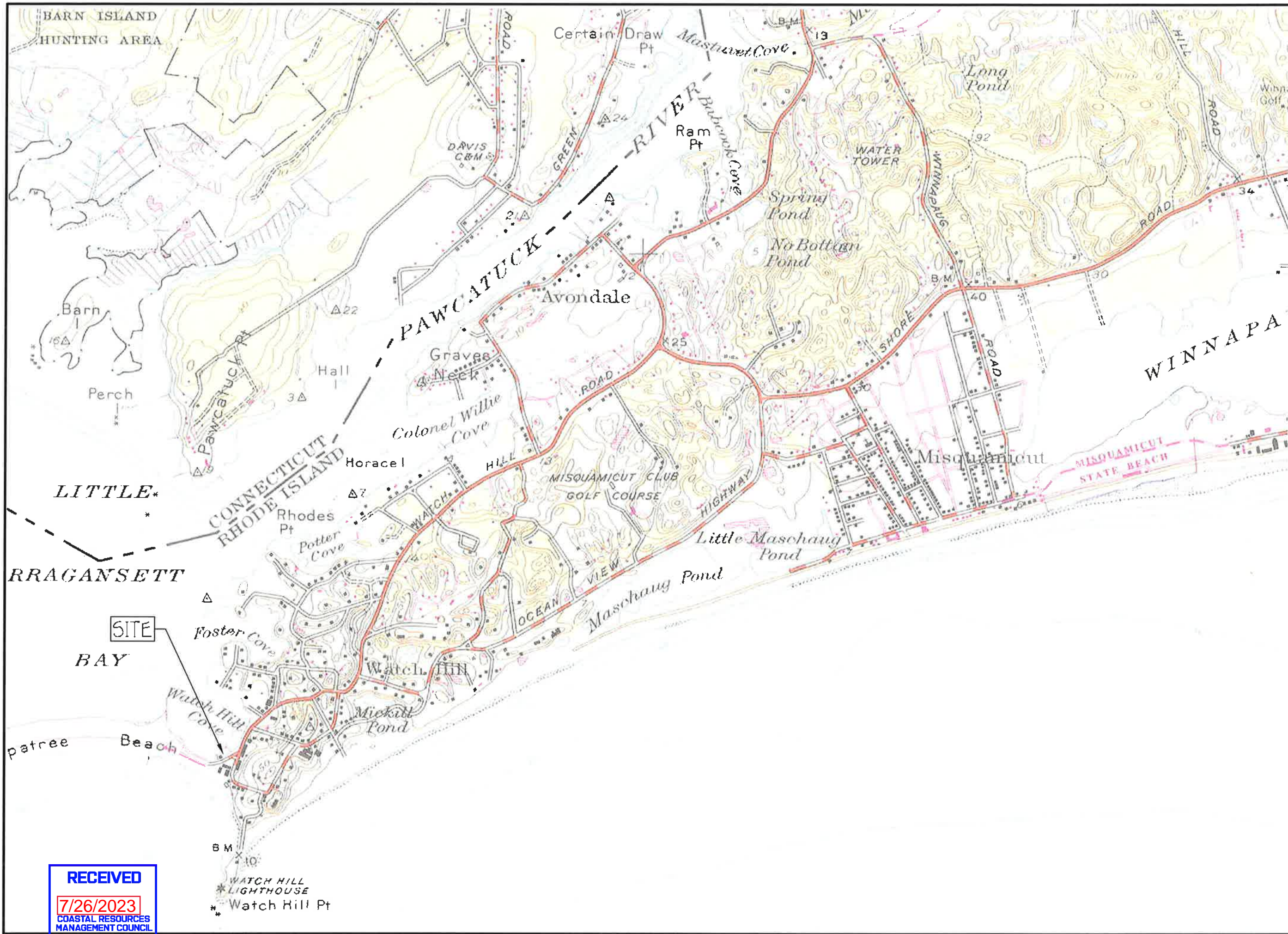
Sincerely,



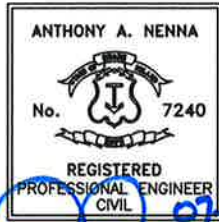
Anthony A. Nenna, P.E.
President

Attachments





Site Engineering, Inc.
Civil & Environmental Engineering
3 Crestview Drive
Westerly, Rhode Island 02891
401-348-6831



PROJECT:
MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

**WATCH HILL
FIRE DISTRICT**
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE
SITE LOCATION
MAP

REVISIONS		
No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: 1"=1,500'

**SHT. 1
OF 11**

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MANAGEMENT COUNCIL

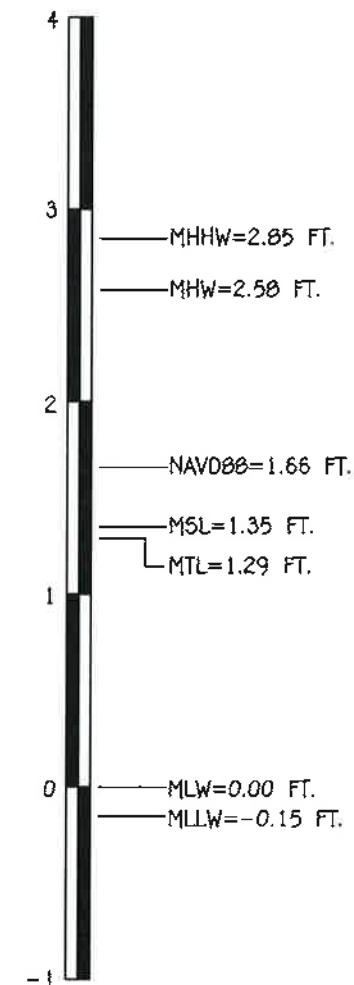
5.5 +	EXISTING SPOT ELEVATION/SOUNDING	—W——W—	PROPOSED WATER SERVICE
- - - -5- - - -	EXISTING CONTOUR	—UE——UE—	PROPOSED UNDERGROUND ELECTRICAL
	EDGE OF POND		PROPOSED CONTOUR
CF-A	COASTAL FEATURE FLAG		
	WETLAND BUFFER (50 FT.)	DIAM.	DIAMETER
	EXISTING TREE LINE	TYP.	TYPICAL
	PROPERTY LINE	P.T.	PRESSURE TREATED
- - - W - - -	EXISTING WATER MAIN	BIT. CONC.	BITUMINOUS CONCRETE
	WELL	CONC.	CONCRETE
		F/FLR.	FINISHED FLOOR
		T.O.F.	TOP OF FOUNDATION
		MLW	MEAN LOW WATER
		MHW	MEAN HIGH WATER

PROJECT DESCRIPTION

THE SUBJECT PROPERTY IS LOCATED AT 151 BAY STREET IN THE TOWN OF WESTERLY, RHODE ISLAND AND IS PART OF AN EXISTING OPERATIONAL MARINA KNOWN AS THE WATCH HILL YACHT CLUB. THE MARINA IS LOCATED WITHIN WATCH HILL COVE. THE PROPOSED SITE IMPROVEMENTS INCLUDE DREDGING APPROXIMATELY 16,400 S.F. IN ORDER TO REMOVE SAND THAT HAS COLLECTED BETWEEN THE EXISTING BUILDING AND THE EXISTING BULKHEAD. THE BUILD UP OF SEDIMENT IN THIS AREA HAS OCCURRED THROUGH PREVIOUS YEARS AND CAN BE ATTRIBUTED TO THE CURRENT WAVE ACTION AND TIDAL FLUCTUATIONS. THE DREDGING WILL OCCUR WITHIN THE APPROVED MARINA PERIMETER. THE FINAL ELEVATION AT THE COMPLETION OF DREDGING OPERATIONS WILL BE ELEVATION -3.0, ALLOWING BOATS TO BE DOCKED ON THE CLUB'S EXISTING FLOATING DOCKS. APPROXIMATELY 765 CY OF MARINE SEDIMENT WILL BE REMOVED AND TEMPORARILY STOCKPILED ON THE BEACH AREA CURRENTLY OWNED BY THE WATCH HILL FIRE DISTRICT. ONCE THE MATERIAL IS DE-WATERED, THE MATERIAL WILL BE SPREAD ON SITE WITHIN THE EXISTING BEACH AREA. DREDGING WILL BE CONDUCTED WITH A HYDRAULIC CLAM SHELL OR EXCAVATOR. THE EQUIPMENT WILL BE SETUP AT TWO LOCATIONS ON THE EXISTING PARKING LOT IN ORDER TO REACH THE TWO DREDGING AREAS. THE SEDIMENT WILL BE LOADED ONTO A RUBBER TRACK DUMP TRUCK AND HAULED THROUGH THE EXISTING PARKING LOT AND ONTO BAY STREET TO THE DUMP SITE, WHICH IS LOCATED ON AN EXISTING BEACH ADJACENT TO THE CARROUSEL.

1. OBTAIN PLAN APPROVAL AND APPLICABLE PERMITS.
2. INSTALL SILT CURTAIN WITHIN DREDGING AREAS.
3. INSTALL TEMPORARY FENCING,
4. CONSTRUCTION EQUIPMENT MOBILIZATION.
5. START DREDGING. NOTE THAT DREDGING SHALL OCCUR BETWEEN OCTOBER 31ST AND JANUARY 31ST.
6. TRANSPORT AND STOCKPILE DREDGE SPOILS AS INDICATED ON THE PLANS.
7. ONCE DREDGE MATERIAL IS DRY SPREAD WITHIN EXISTING BEACH AREA.
8. FINALIZE DREDGING AND FINISH GRADING DREDGE SPOILS.

1. THE SUBJECT PROPERTY IS AN EXISTING OPERATIONAL MARINA LOCATED ON WATCH HILL COVE IN THE TOWN OF WESTERLY AT THE WATCH HILL YACHT CLUB LOCATED DIRECTLY OFF OF BAY STREET IN WATCH HILL.
2. THE PROPOSED PROJECT SCOPE CONSISTS OF DREDGING A PORTION OF THE COVE BOTTOM ADJACENT TO THE EXISTING CLUB BUILDING/DOCKS SO THAT BOATS HAVE ADEQUATE DEPTH AT LOW TIDE WHEN DOCKED ON THE EXISTING FLOATING DOCKS. THE DREDGE MATERIAL WILL BE SPREAD ON THE ADJACENT BEACH THAT IS CURRENTLY OWNED BY THE WATER HILL FIRE DISTRICT. APPROXIMATELY 765 C.Y OF MATERIAL WILL BE REMOVED FROM THE DREDGE AREA.
3. THE SUBJECT PROPERTY IS LOCATED ON WATCH HILL COVE PRIOR TO ENTERING LITTLE NARRAGANSETT BAY.
4. THE UTILITIES SHOWN HEREIN ARE APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY DIG-SAFE AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
6. THE SUBJECT PROPERTY IS LOCATED IN ZONE V, ELEVATION 13, PER FEMA MAP NUMBER 44009C0261J DATED OCTOBER 16, 2013.
7. ELEVATION DAUTM IS NAVD88, MLW=0.



TIDAL DATUM
ELEVATION INFORMATION FOR
WATCH HILL POINT
STATION ID: 8458694



PROJECT:

MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

Title

NOTES

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale.: None

SHT. 2
OF 11



**COASTAL RESOURCES
MANAGEMENT COUNCIL**



REGISTERED
PROFESSIONAL ENGINEER
CIVIL

MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

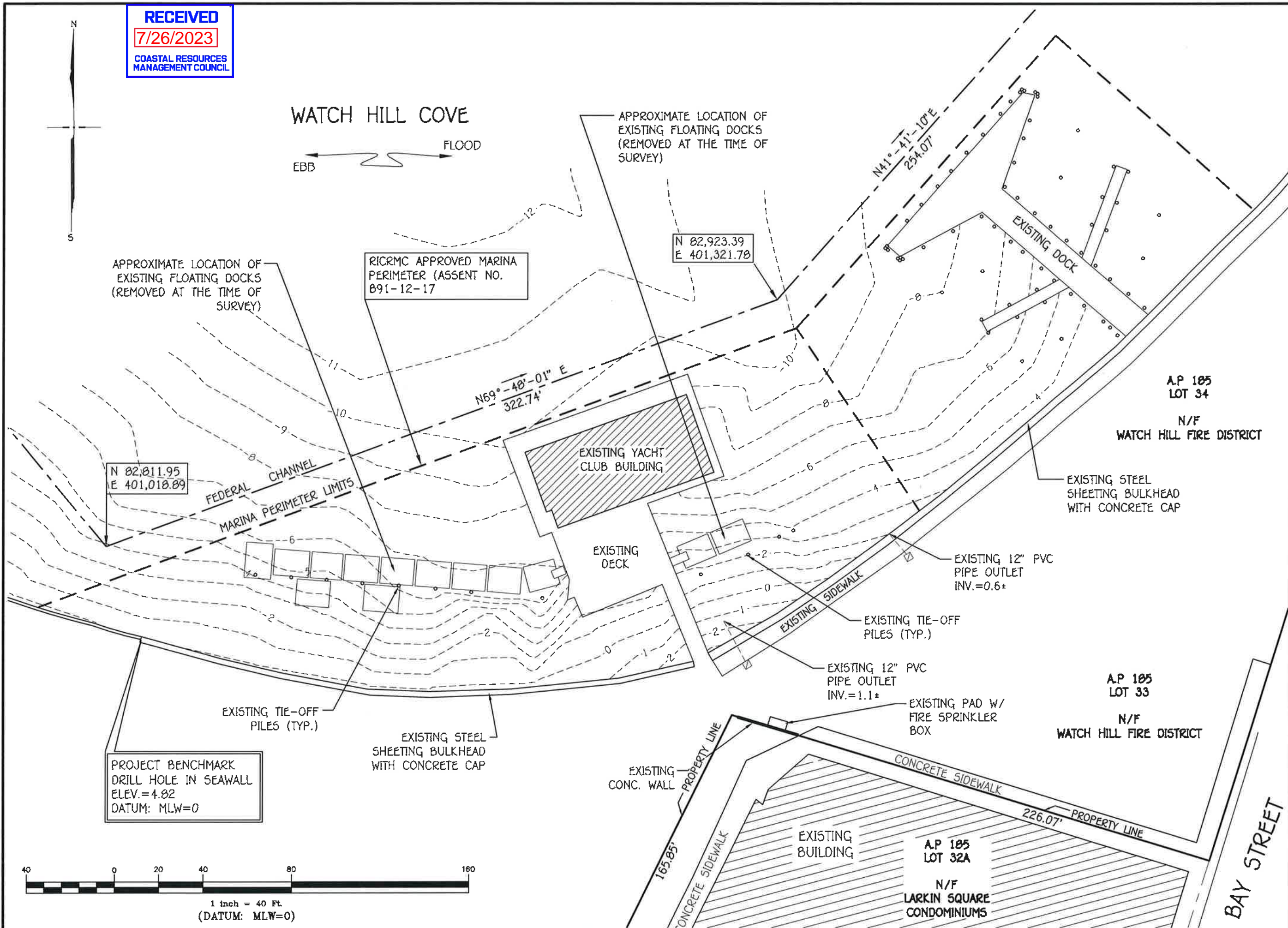
WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 105
LOT 31-1

EXISTING
CONDITIONS
PLAN

No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: 1"=40'

**SHT. 3
OF 11**



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On-Site Engineering, Inc.
Civil & Environmental Engineering
3 Crestview Drive
Westerly, Rhode Island 02891
401-348-6831



PROJECT:

MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE

PROPOSED
CONDITIONS
PLAN

REVISIONS

No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06-16-23

DESIGNED BY: AAN

DRAWN BY: AAN

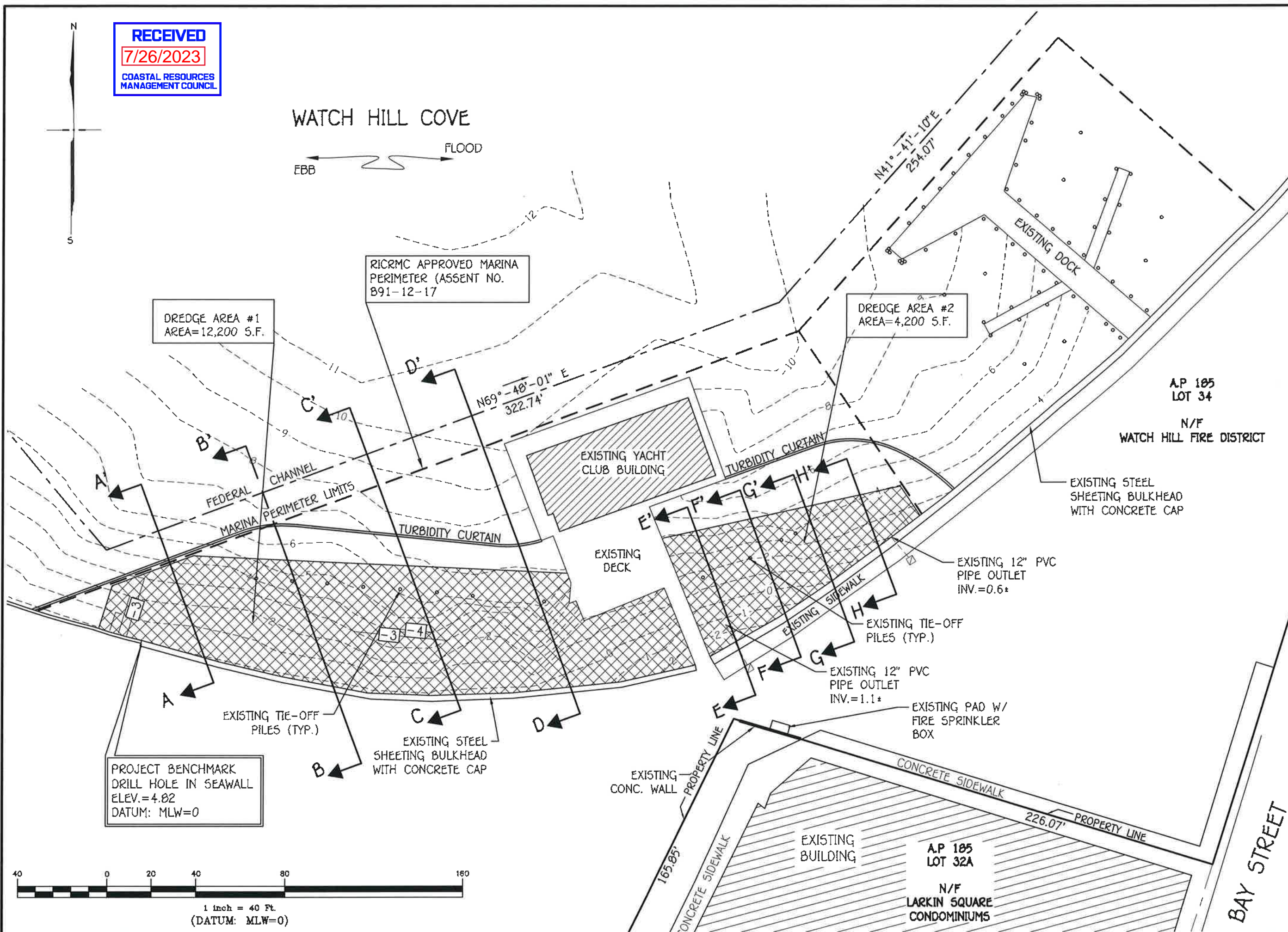
CHECKED BY: AAN

DATE: OCTOBER 20, 2022

PROJECT No.: 22-003

Scale: 1"=40'

SHT. 4
OF 11



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COASTAL RESOURCES
MANAGEMENT COUNCIL

On-Site Engineering, Inc.
Civil & Environmental Engineering
3 Crestview Drive
Westerly, Rhode Island 02891
401-348-6831

ANTHONY A. NENNA
No. 7240
REGISTERED
PROFESSIONAL ENGINEER
CIVIL
07-23-23

PROJECT:
MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

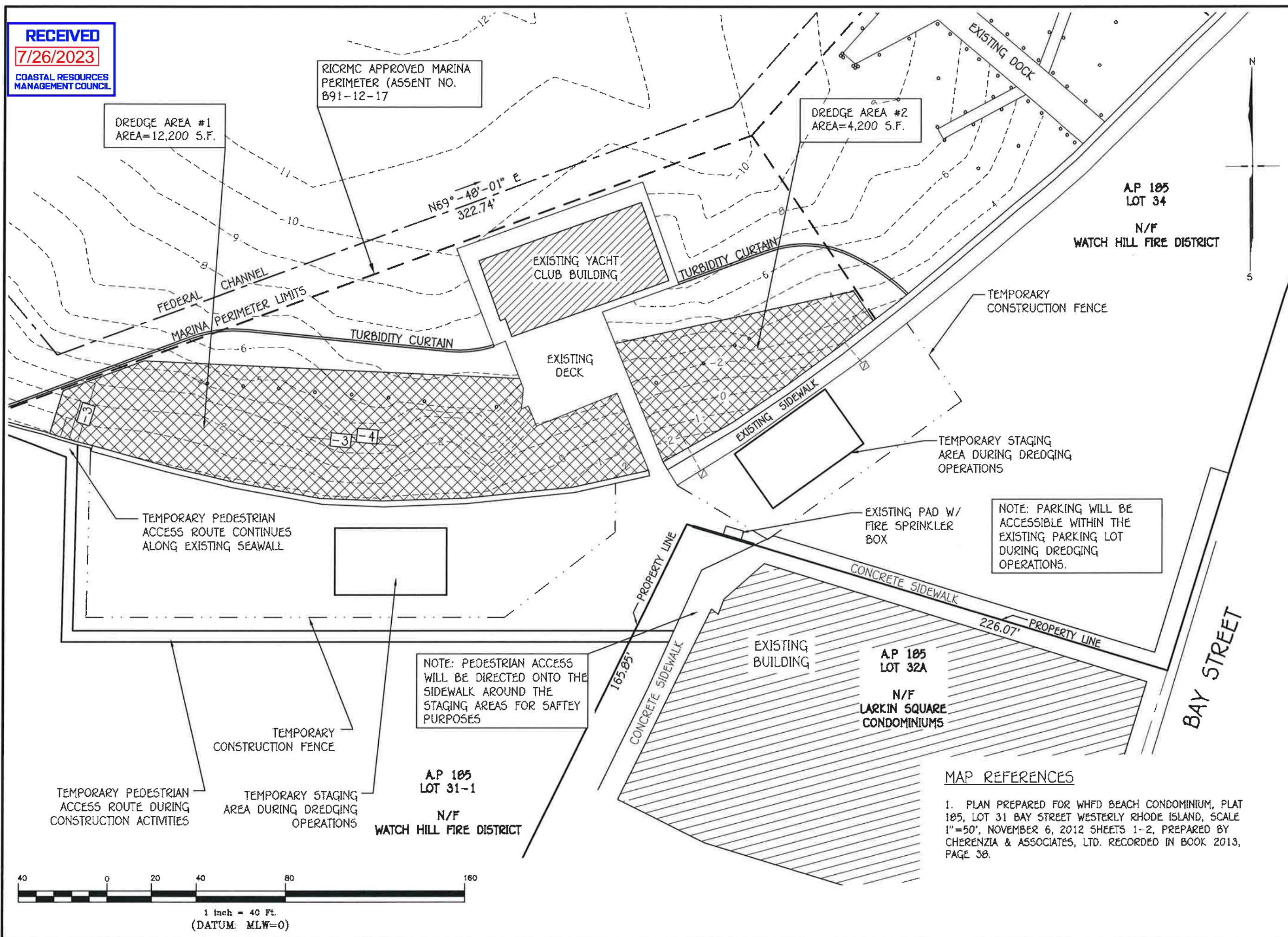
WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

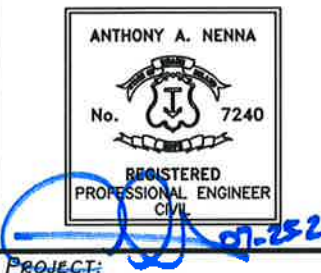
TITLE
EQUIPMENT
STAGING AREA
W/ TEMPORARY
PEDESTRIAN
ROUTE

REVISIONS		
No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: 1"=40'

SHT. 5
OF 11





PROJECT:
**MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB**

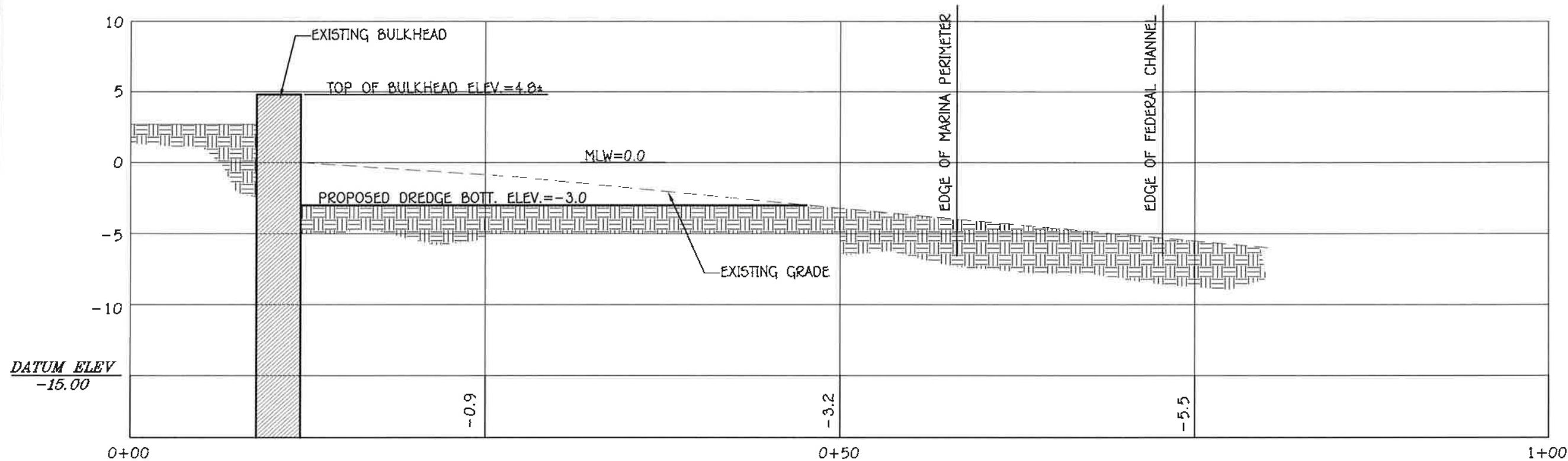
**WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1**

TITLE
**CROSS
SECTIONS**

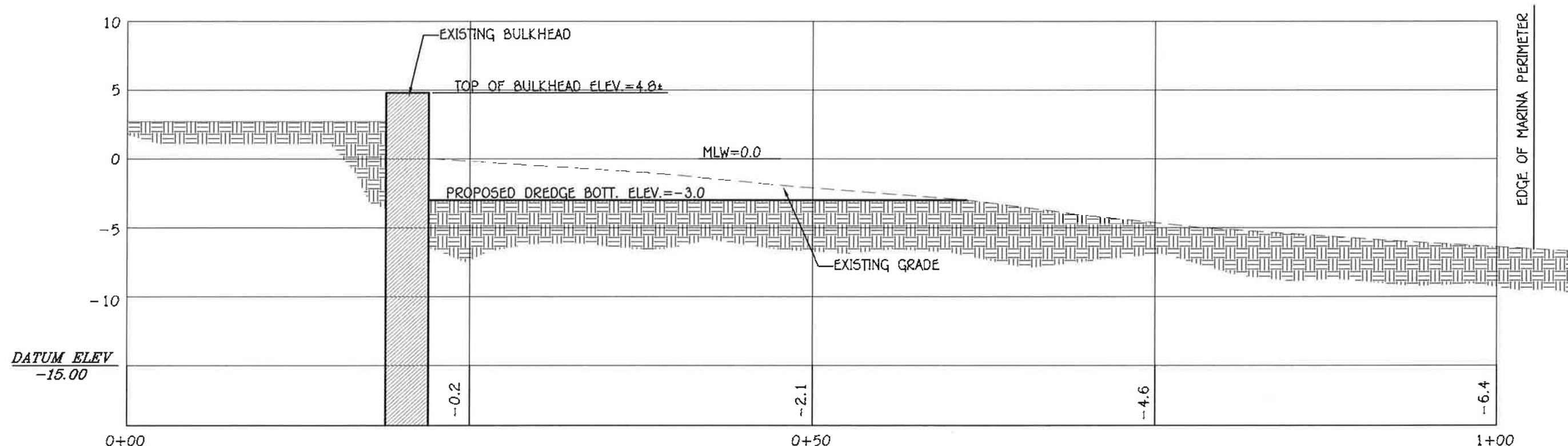
REVISIONS		
No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: AS SHOWN

**SHT. 6
OF 11**



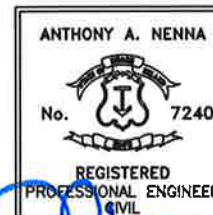
CROSS SECTION A-A'
SCALE: 1/8"=1'



CROSS SECTION B-B'
SCALE: 1/8"=1'

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COASTAL RESOURCES
MANAGEMENT COUNCIL



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MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE

CROSS
SECTIONS

REVISIONS

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DESIGNED BY: AAN

DRAWN BY: AAN

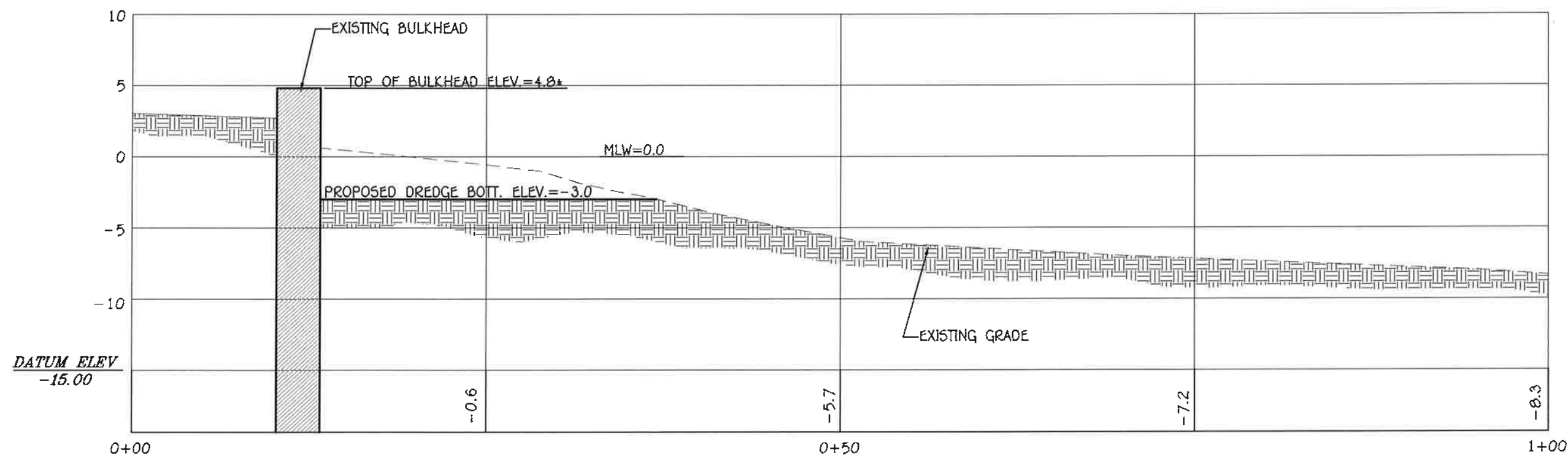
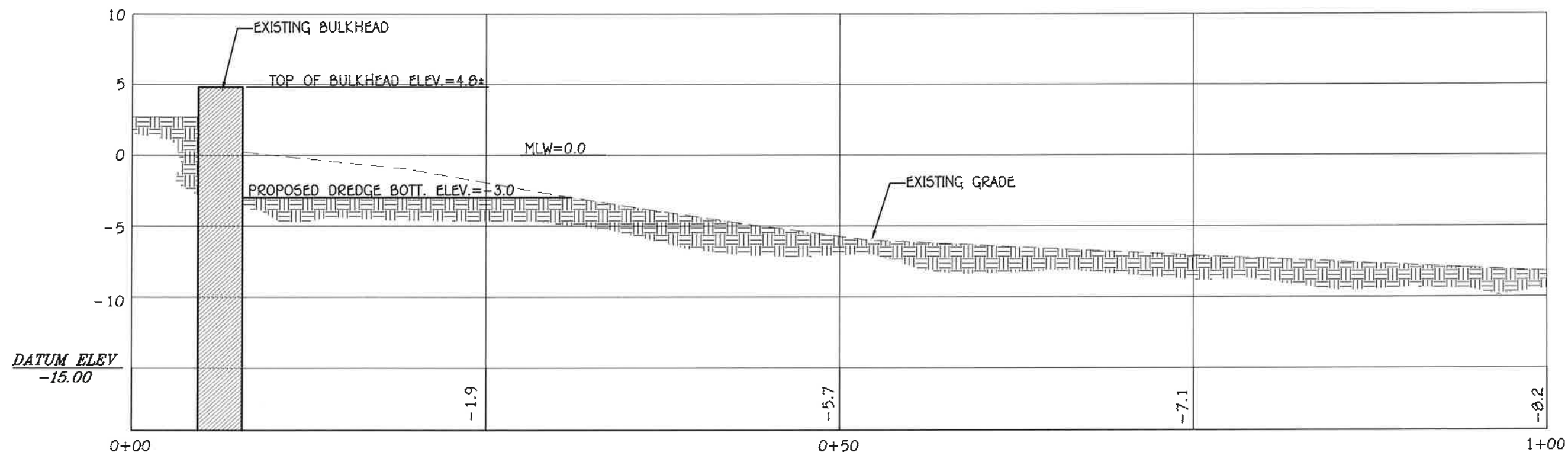
CHECKED BY: AAN

DATE: OCTOBER 20, 2022

PROJECT No.: 22-003

Scale: None

SHT. 7
OF 11



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COASTAL RESOURCES
MANAGEMENT COUNCIL

PROJECT:
MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

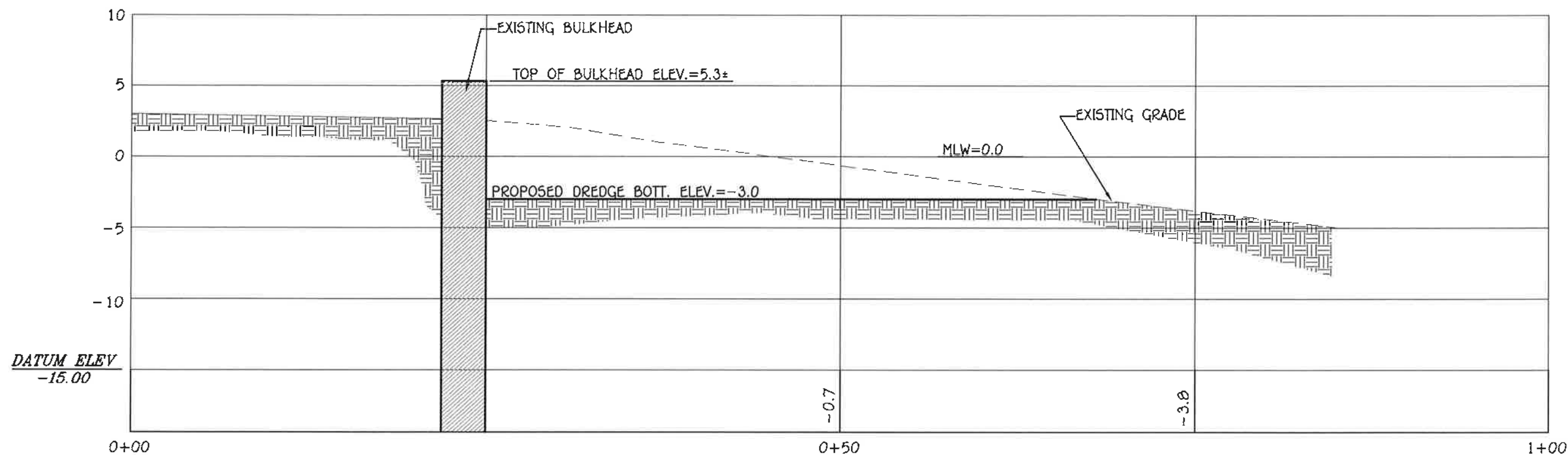
WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE
CROSS
SECTIONS

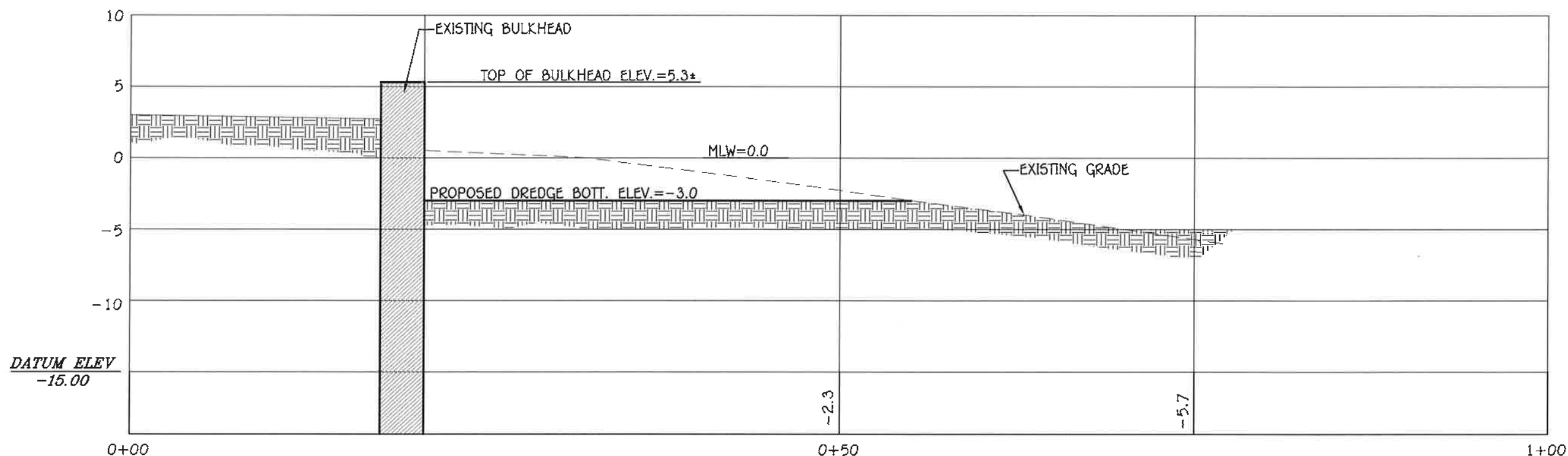
REVISIONS		
No.	DESCRIPTION	DATE
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DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: None

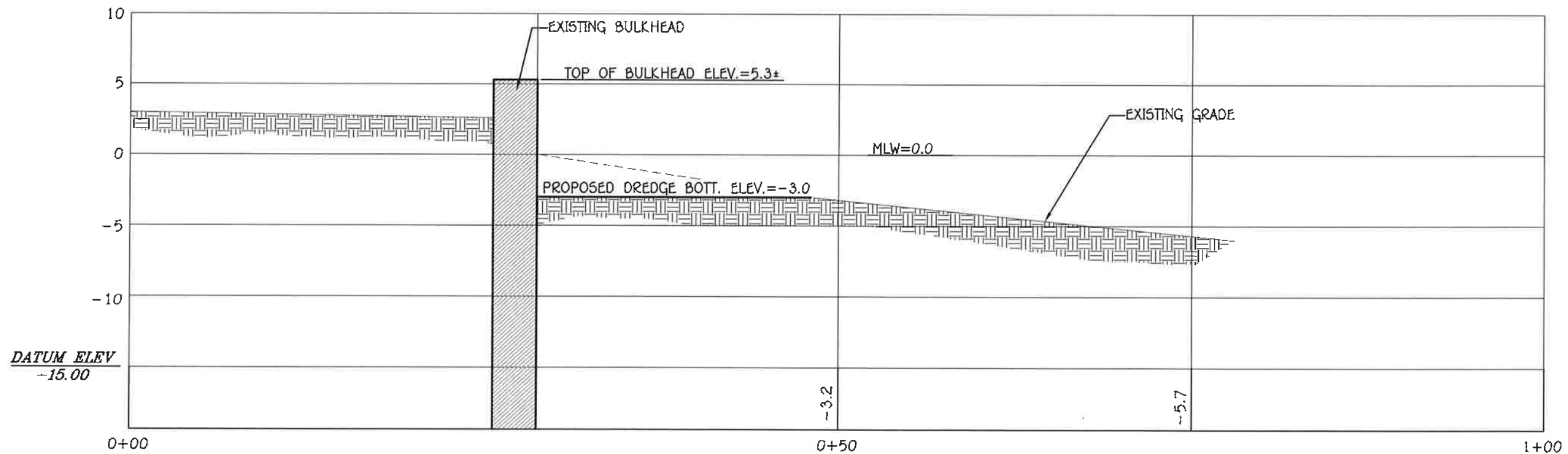
SHT. 8
OF 11



CROSS SECTION E-E'
SCALE: 1/8"=1'

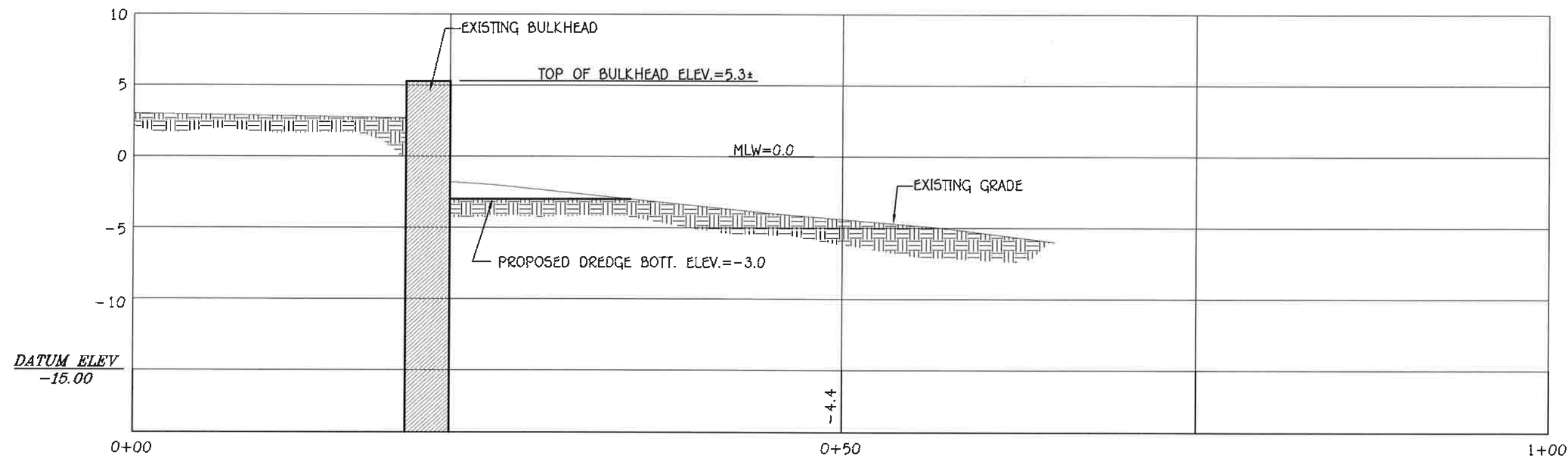


CROSS SECTION F-F'
SCALE: 1/8"=1'



CROSS SECTION G-G'

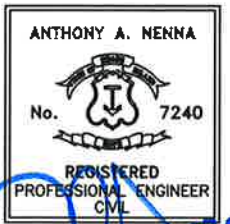
SCALE: 1/8"=1'



CROSS SECTION H-H'

SCALE: 1/8"=1'

n-Site Engineering, INC.
Civil & Environmental Engineering
3 Crestview Drive
Westerly, Rhode Island 02891
401-348-6831



PROJECT:

MAINTENANCE
DREDGE AT THE
WATCH HILL
YACHT CLUB

WATCH HILL
FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE

CROSS
SECTIONS

REVISIONS		
No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: None

SHT. 9
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On-Site Engineering, INC.
Civil & Environmental Engineering
3 Crestview Drive
Westerly, Rhode Island 02891
401-348-6831

ANTHONY A. NENNA
No. 7240
REGISTERED PROFESSIONAL ENGINEER
CIVIL

PROJECT:
MAINTENANCE DREDGE AT THE WATCH HILL YACHT CLUB

WATCH HILL FIRE DISTRICT
151 BAY STREET
WESTERLY RI
A.P. 185
LOT 31-1

TITLE
DREDGE DISPOSAL AREA PLAN

REVISIONS		
No.	DESCRIPTION	DATE
1	ADDRESSED CRMC STAFF & PUBLIC COMMENTS	06/16/23

DESIGNED BY: AAN
DRAWN BY: AAN
CHECKED BY: AAN
DATE: OCTOBER 20, 2022
PROJECT No.: 22-003
Scale: 1"=60'

**SHT. 10
OF 11**

