



# PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District  
Jacob K. Javits Federal Building  
New York, N.Y. 10278-0090  
ATTN: Regulatory Branch

**In replying refer to:**  
Public Notice Number: **NAN-2024-00498-EMI**  
Issue Date:  
Expiration Date:

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To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Breezy Point Cooperative, Inc.  
202-30 Rockaway Point Blvd.  
Rockaway Point, New York 11697

ACTIVITY: Groin Construction and Beach Nourishment

WATERWAY: Rockaway Inlet/Jamaica Bay

LOCATION: Roxbury and Rockaway Point, Queens County, City of New York, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

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 benefit 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 the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic 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.

The Corps of Engineers 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 of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. 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 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.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

**CENAN-OP-RE**  
**PUBLIC NOTICE NO. NAN-2024-00498-EMI**

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by email is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places and the New York State Cultural Resources Information System (CRIS) mapper, the Rockaway Inlet/Jamaica Bay Bulkhead, located adjacent to the proposed work is listed as eligible for listing in the National and State Register. The Corps of Engineers has made the preliminary determination that the proposed work will have no effect on historic properties. The Corps of Engineers will further consult with the New York State Historic Preservation Office prior to a final decision. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate (WQC) or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision. The New York State Department of Environmental Conservation (NYSDEC) issued WQCs for the subject work on April 29, 2024:

- Rockaway – #2-6309-00024/00038
- Roxbury – #2-6309-00175/00006

**CENAN-OP-RE**  
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Pursuant to Section 307 (c) of the Coastal Zone Management Act (CZMA) of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. The applicant received a Coastal Zone Management (CZM) Concurrences from the New York State Department of State (NYSDOS):

- Rockaway – F-2023-0042, issued July 12, 2023
- Roxbury – F-2023-0137, issued August 11, 2023

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. Please send all comments and questions concerning this application to [Christopher.W.Minck@usace.army.mil](mailto:Christopher.W.Minck@usace.army.mil).

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.

**FOR AND IN BEHALF OF**  
Stephan A. Ryba  
Chief, Regulatory Branch

Enclosures

**WORK DESCRIPTION**

The permit applicant, Breezy Point Cooperative, Inc., has requested Department of the Army (DA) authorization for groin modifications and beach nourishment in Rockaway Inlet/Jamaica Bay within Roxbury and Rockaway Point, Queens County, City of New York, New York

The proposed work would involve the following:

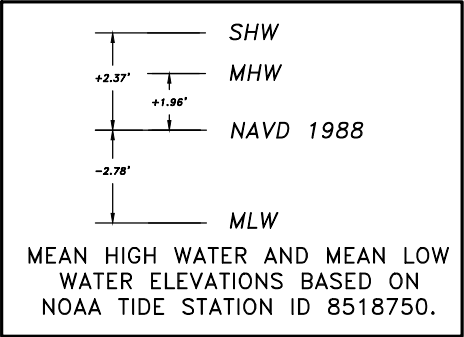
Rockaway Point: Construct a new 133-foot-long sheetpile groin with associated 12-inch timber pilings flanking the groin. Additionally, renourish approximately 0.85 acres of beach with approximately 1,900 cubic yards of clean sand on the west side of the new groin. Approximately 1,200 cubic yards of sand will be placed below the plane of Spring High Water.

Roxbury: Construct a new 133-foot-long sheetpile groin with associated 12-inch timber pilings flanking the groin. Additionally, renourish approximately 0.9 acres of beach with approximately 3,600 cubic yards of clean sand on the west side of the new groin. Approximately 2,700 cubic yards of sand will be placed below the plane of Spring High Water.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed to the maximum extent practicable. Any temporary potential impacts would be offset by implementing best management practices including installing a turbidity curtain around the construction area and utilizing a vibratory hammer, as practicable.

The purpose of the project is to stabilize the shoreline and improve flood and erosion protection.

ROCKAWAY POINT EROSION CONTROL STRUCTURE  
QUEENS, NEW YORK  
PERMIT PLANS




SHEET INDEX

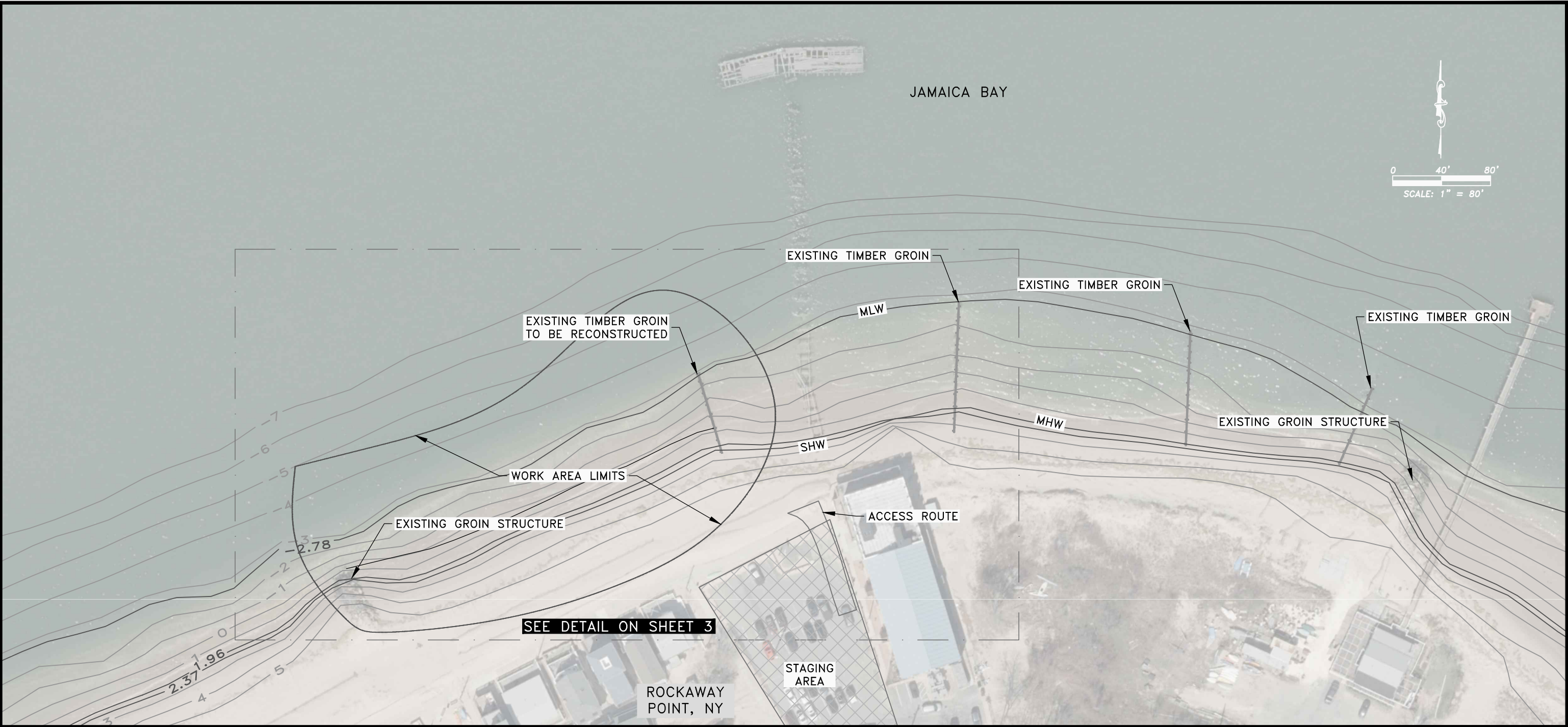
- 1. COVER SHEET AND LOCATION MAP
- 2. ROCKAWAY POINT SITE PLAN-EXISTING CONDITIONS
- 3. ROCKAWAY POINT SITE PLAN-PROPOSED CONDITIONS
- 4. TYPICAL CROSS SECTION VIEWS
- 5. SHEETPILE TYPICAL SECTIONS
- 6. THRU-FLOW GRATING SPECIFICATIONS

- NOTES:
- 1. AERIAL PHOTOGRAPH DATED 2020 COURTESY OF NYGIS DATABASE.
  - 2. COORDINATES SHOWN ARE IN FEET BASED ON THE NORTH AMERICAN DATUM OF 1983, LONG ISLAND ZONE (NAD83).
  - 3. ELEVATIONS SHOWN ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

NOT FOR CONSTRUCTION


 <b>HUMISTON &amp; MOORE ENGINEERS</b> <small>COASTAL ENGINEERING DESIGN AND PERMITTING</small>	ROCKAWAY POINT EROSION CONTROL STRUCTURE COVER SHEET AND LOCATION MAP			5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com
	FOR: FIRST COASTAL CORPORATION			
	DATE: 9/07/22	FILE: PLANS	SCALE: SHOWN	
	JOB: 23-055	DATUM: SHOWN	SHEET: 1	



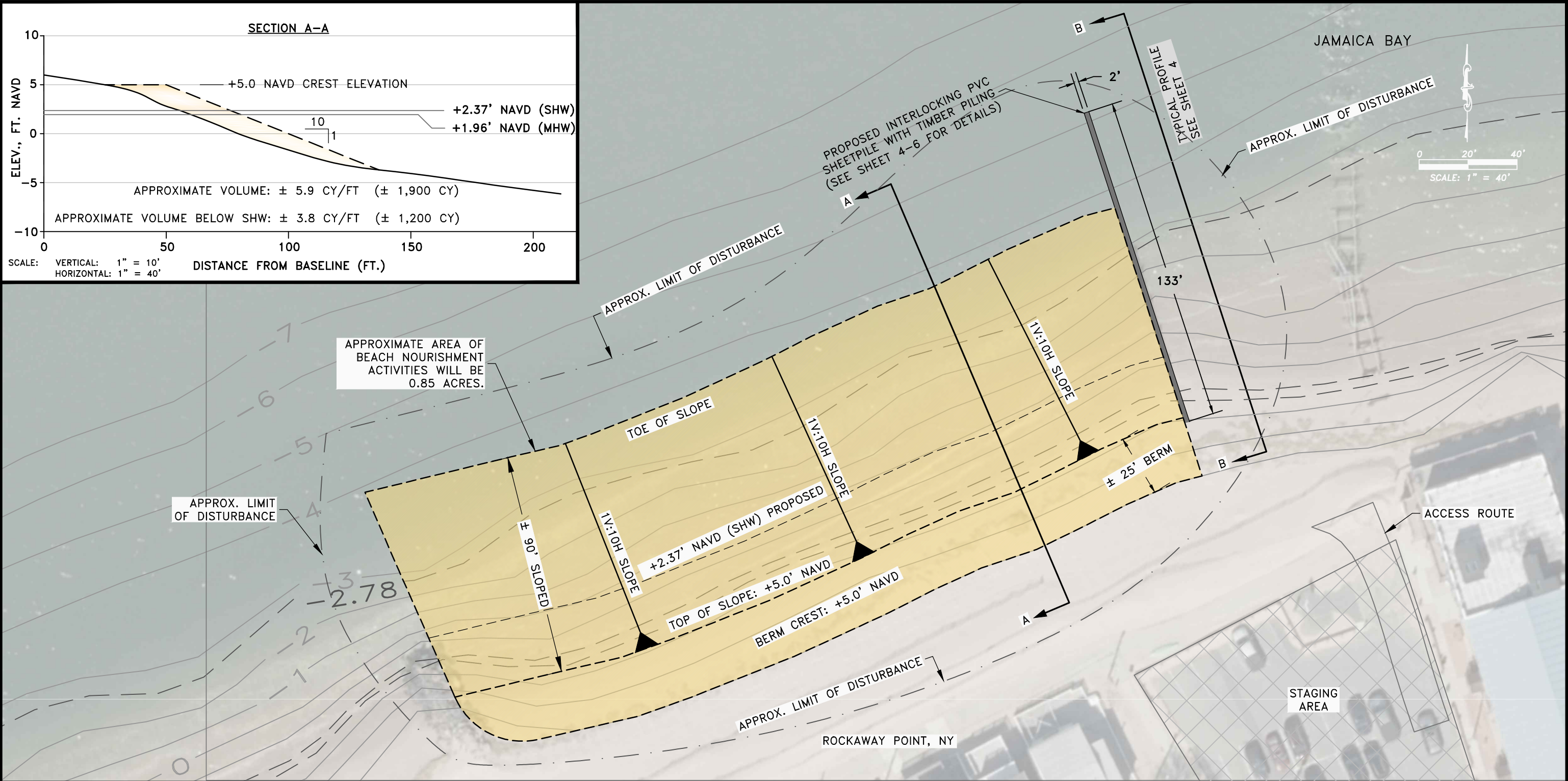


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  - 3. LOCATION OF EXISTING TIMBER GROINS ARE BASED ON AERIAL IMAGERY AND ARE APPROXIMATE.
  - 4. REVISED 05/09/2023 TO SHOW STAGING, ACCESS, AND LIMITS OF DISTURBANCE.

**NOT FOR CONSTRUCTION**


	<b>HUMISTON &amp; MOORE ENGINEERS</b>	ROCKAWAY POINT EROSION CONTROL STRUCTURE SITE MAP – EXISTING CONDITIONS			5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com
	COASTAL ENGINEERING DESIGN AND PERMITTING	FOR: FIRST COASTAL CORPORATION			
	DATE: 9/07/22	FILE: PLANS	SCALE: SHOWN		
	JOB: 23-055	DATUM: SHOWN	FIGURE: 2		

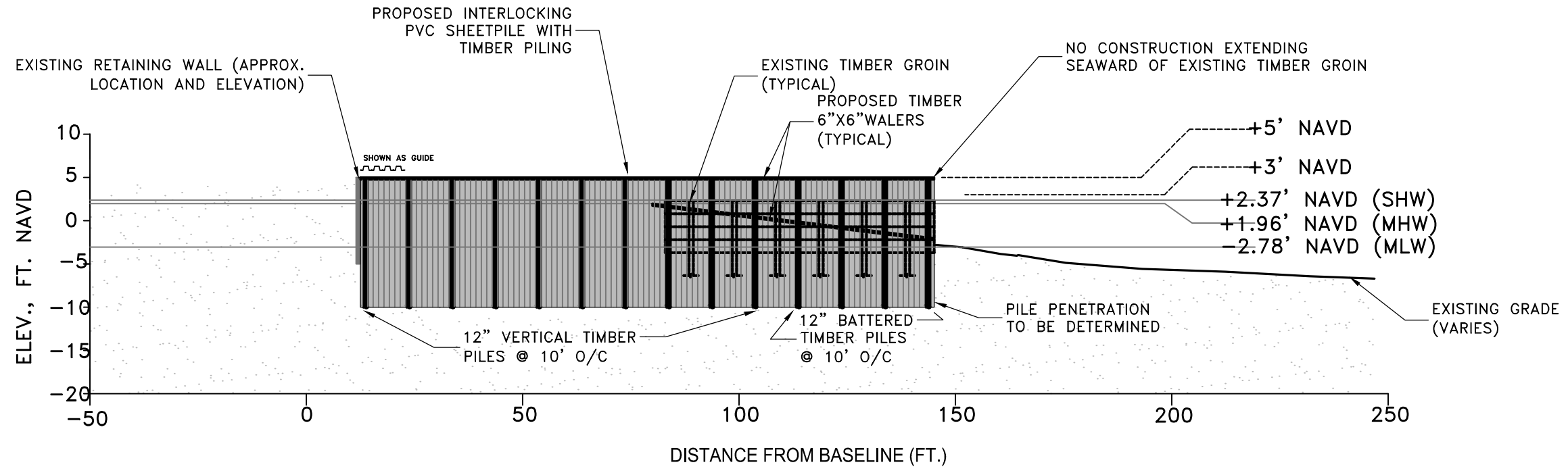




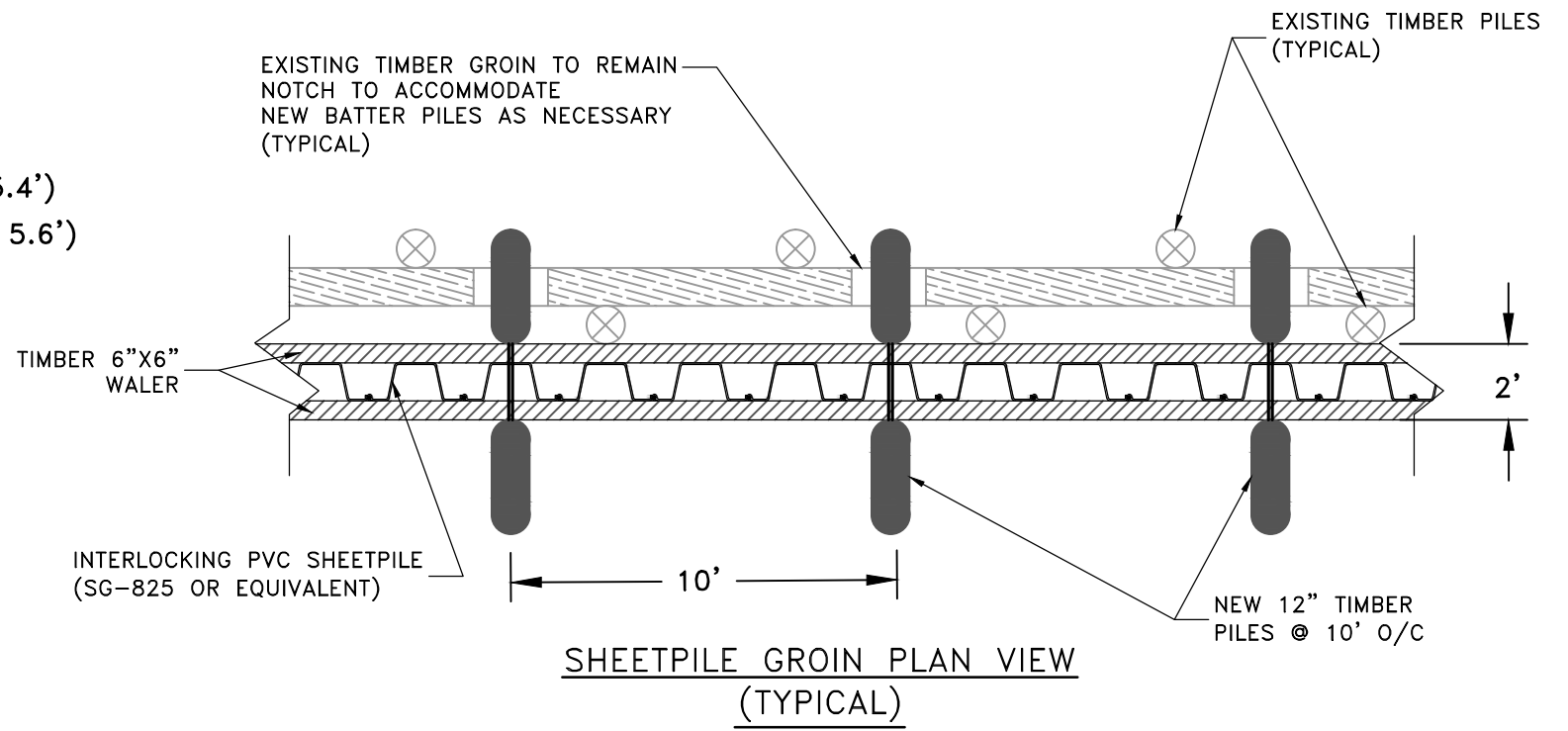
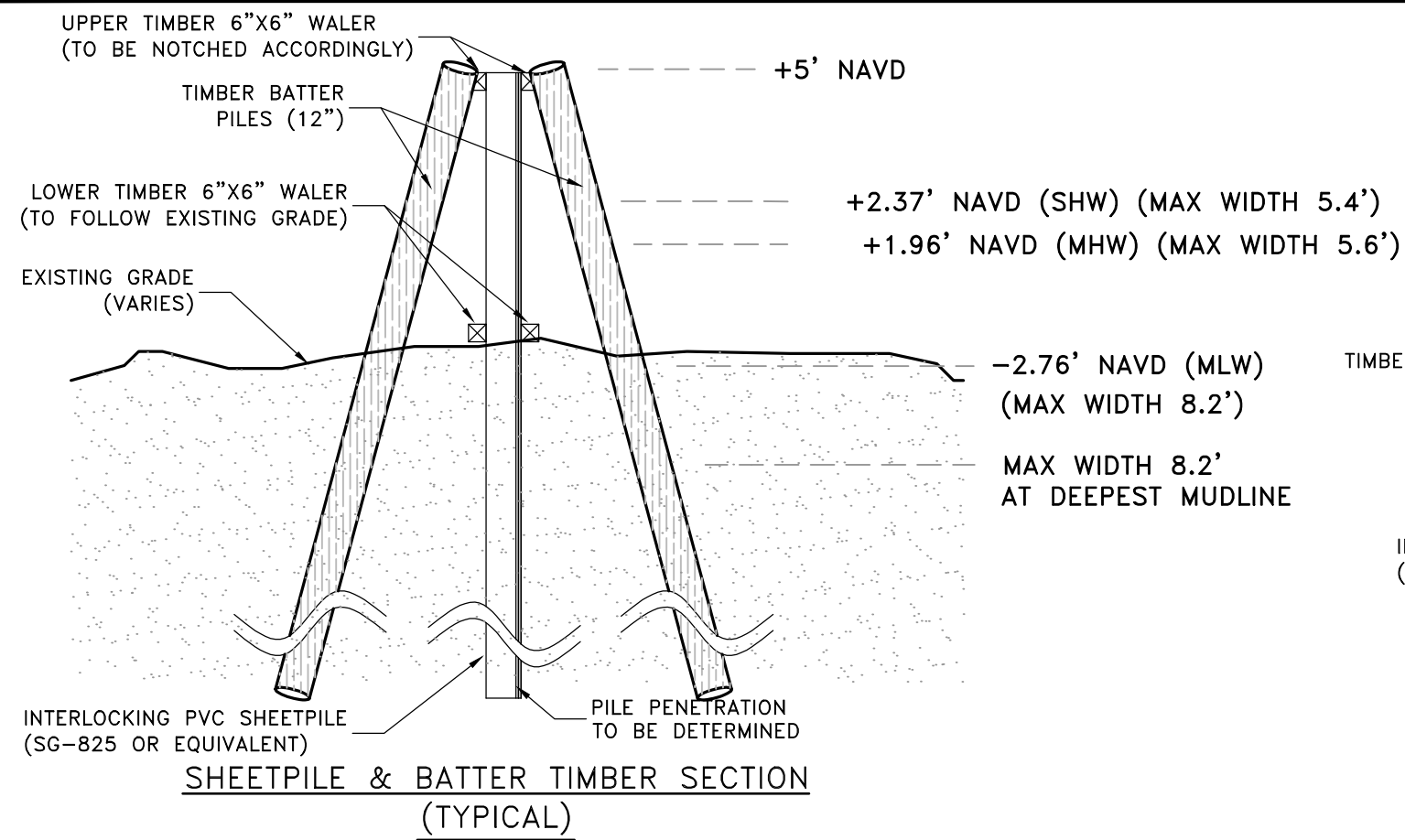
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  5. REVISED 05/09/2023 TO SHOW STAGING, ACCESS, AND LIMITS OF DISTURBANCE.

NOT FOR CONSTRUCTION


	<b>HUMISTON &amp; MOORE ENGINEERS</b>	ROCKAWAY POINT EROSION CONTROL STRUCTURE SITE MAP – PROPOSED CONDITIONS		
	COASTAL ENGINEERING DESIGN AND PERMITTING	FOR: FIRST COASTAL CORPORATION		
		DATE: 9/07/22	FILE: PLANS	SCALE: SHOWN
		JOB: 23-055	DATUM: SHOWN	FIGURE: 3
		5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com		



PVC SHEETPILE GROIN CROSS SECTION B-B  
APPROXIMATELY 28 TIMBER PILES (TYPICAL)



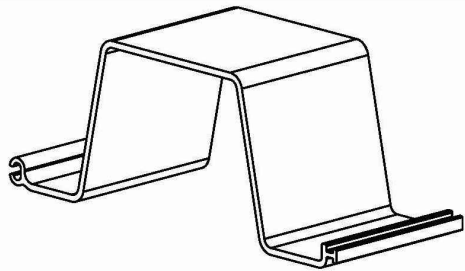
**NOT FOR CONSTRUCTION**

	<b>HUMISTON &amp; MOORE ENGINEERS</b>	ROCKAWAY POINT EROSION CONTROL STRUCTURE TYPICAL PVC SHEETPILE & TIMBER PILE SECTIONS		
	COASTAL ENGINEERING DESIGN AND PERMITTING	FOR: FIRST COASTAL CORPORATION		
		DATE: 9/07/22	FILE: PLANS	SCALE: SHOWN
		JOB: 23-055	DATUM: SHOWN	FIGURE: 4
		5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com		

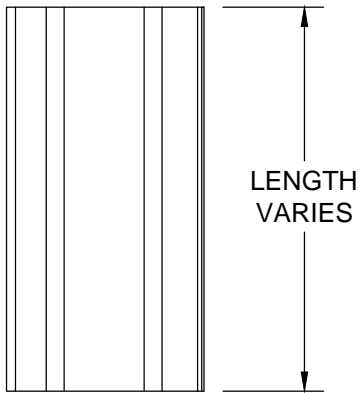
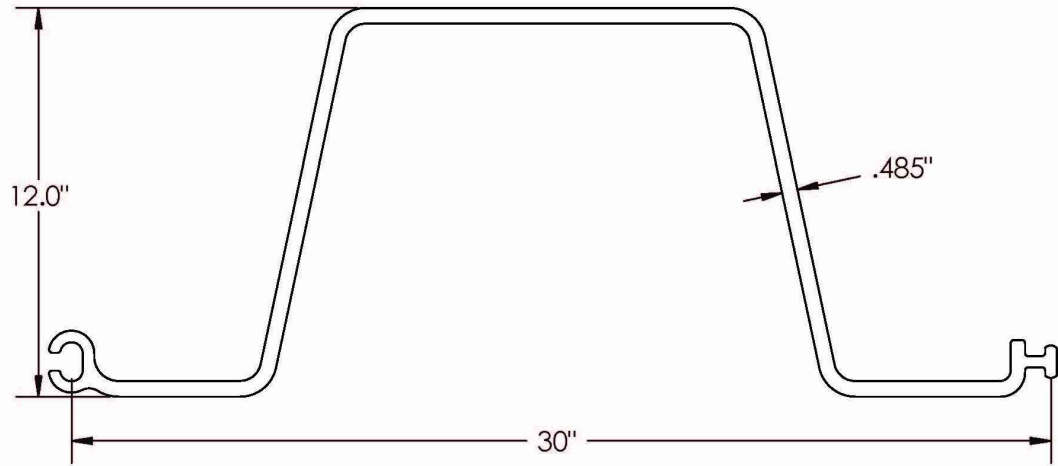




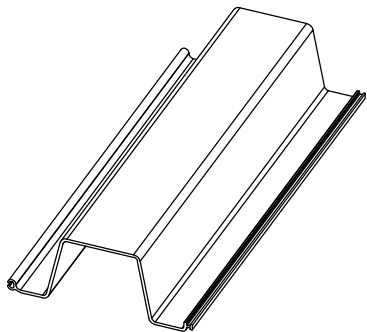
SG-825



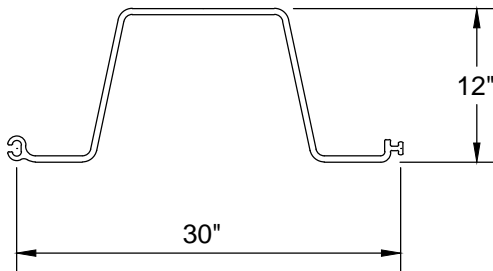
Allowable Moment (M)	9,787 ft-lb/ft	43.53 kN-m/m
Section Modulus (Z)	36.7 in <sup>3</sup> /ft	1,973 cm <sup>3</sup> /m
Moment of Inertia (I)	220 in <sup>4</sup> /ft	30,043 cm <sup>4</sup> /m
Impact Strength	15,000 in-lbs/in <sup>2</sup>	2,627 N-mm/mm <sup>2</sup>
Thickness (t)	0.485 in	12.2 mm
Section Depth	12.0 in	305 mm
Section Width	30 in	762 mm
Material	Weatherable Rigid Vinyl	
Standard Colors	Grey, Clay	
Technology	Box Profile, I-Beam Lock, XCR™	
Standard Packaging	5 sheets/bundle	



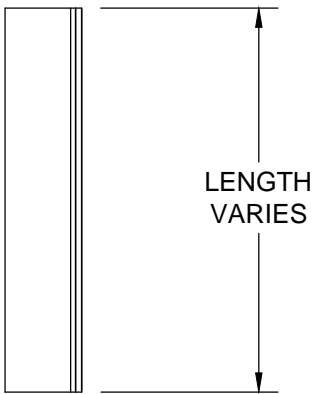
SG-825 PROFILE VIEW



SG-825 ISOMETRIC VIEW



SG-825 PLAN VIEW



SG-825 CROSS-SECTION

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ROCKAWAY POINT EROSION CONTROL STRUCTURE INTERLOCKING PVC SHEETPILE SPECIFICATION		
FOR: FIRST COASTAL CORPORATION		
DATE: 9/07/22	FILE: PLANS	SCALE: N.T.S.
JOB: 23-055	DATUM: SHOWN	FIGURE: 5

5679 STRAND COURT  
NAPLES, FL 34110  
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[www.humistonandmoore.com](http://www.humistonandmoore.com)



ThruFlow™ Legacy XP Specification Chart 2020

Colours Available	Maple	Light Grey	Seafoam
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Base Material		FRPP - Fibreglass Reinforced Polypropylene			
Panels		Legacy XP	Legacy XP	Legacy XP	Traditional Legacy
Sizes - ( W x L x H )	inch	11.97 x 35.94 x 1.20	11.97 x 47.84 x 1.20	11.97 x 59.9 x 1.20	48 x 48.1 x 1.2
	mm	304.0 x 913.0 x 30.5	304.0x 1216 x 30.5	304.0 x 1521 x 30.5	1219 x 1221.5 x 30
Sizes - ( W x L x H )	inch	11.6 x 35.94 x 1.20	11.6 x 47.84 x 1.20	Not Available	Not Available
Without Tab Option	mm	295.0 x 913.0 x 30.5	295.0x 1216 x 30.5	Without Tabs	Without Tabs
Support Span	inch	18	16	15	16
	mm	457	406	381	406
Weight	lbs	4.34	5.82	7.28	24.6
	Kg	1.97	2.64	3.3	11.2
Load Capacity at 0.125" Mid Span Deflection <sup>1</sup>	lb <sub>f</sub>	328	452.7	452.7	364
	N	1,459	2,012	2,012	1,619
Load Capacity - Peak Load <sup>1</sup>	lb <sub>f</sub>	1,387	1,555	1,555	1,452
	N	6,170	6,912	6,912	6,459
Concentrated Static Load - Peak Load <sup>1</sup>	lb <sub>f</sub>	715	653	653	881
	N	3,180	2,903	2,903	3,919
ASTM E661					
Coefficient of Friction <sup>2</sup>	Static	0.78			
ASTM D2394-83	Kinetic	0.76			
Thermal Expansion <sup>3</sup>	1/°F	1.40 x 10 <sup>-5</sup>			
ASTM D696-03	1/°C	2.52 x 10 <sup>-5</sup>			
Light Availability <sup>4</sup>	Surface	43			
	18" Dock Height	61			
	60" Dock Height	84			
U/V Light Properties		U/V Stabilized by Additive			
Warranty		Lifetime Limited Warranty - See website for full details			

For full test reports please contact ThruFlow Inc.  
700 Gillard St., Wallaceburg, ON, N8A 4L3  
1-888-478-3569 / sales@thruflow.com

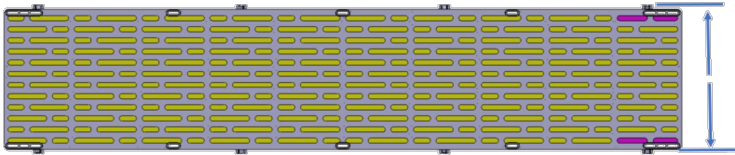
<sup>1</sup> UNB Wood Science and Technology Centre - Report# WSTC2014-044

<sup>2</sup> Cambridge Material Testing Limited - Report# 356155J-04

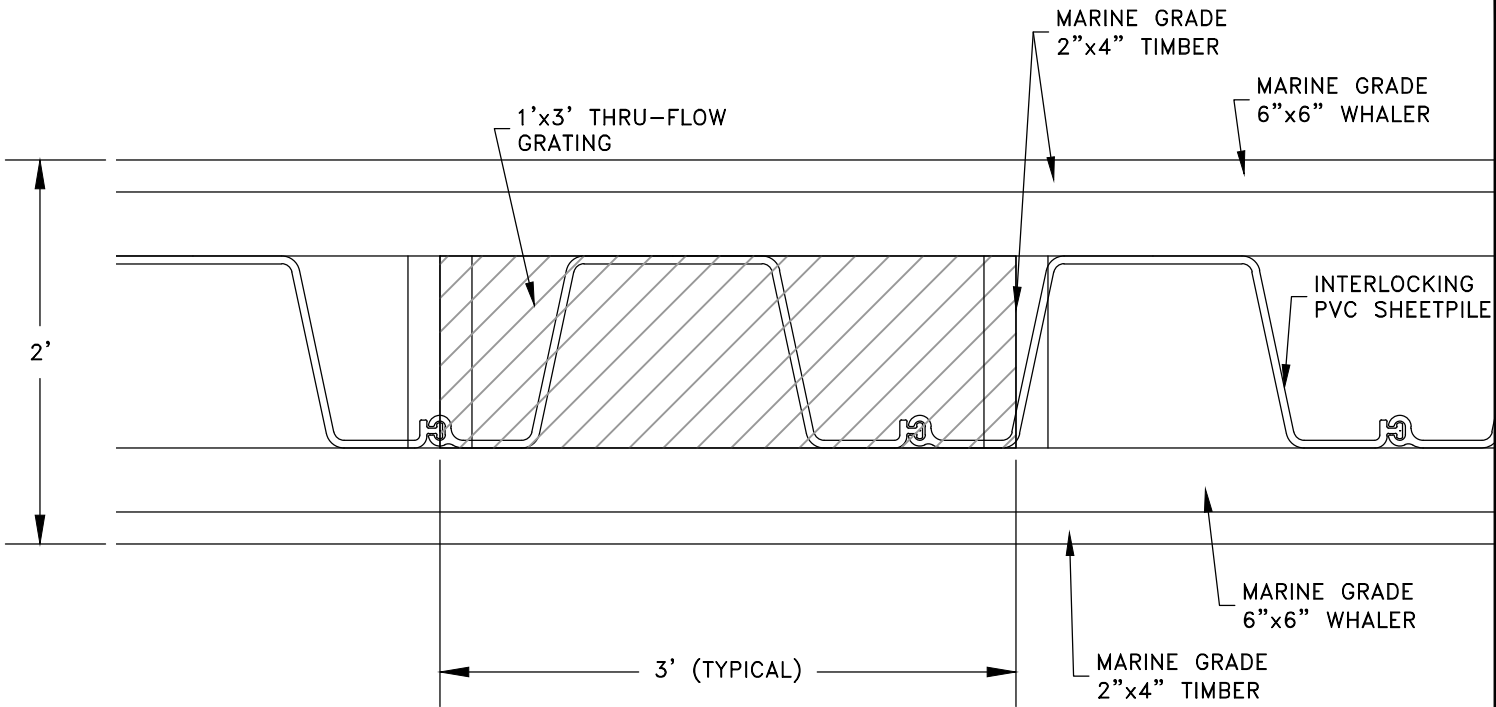
<sup>3</sup> Cambridge Material Testing Limited - Report# 356155D-04

<sup>4</sup> Cambridge Material Testing Limited - Report# 354661-04

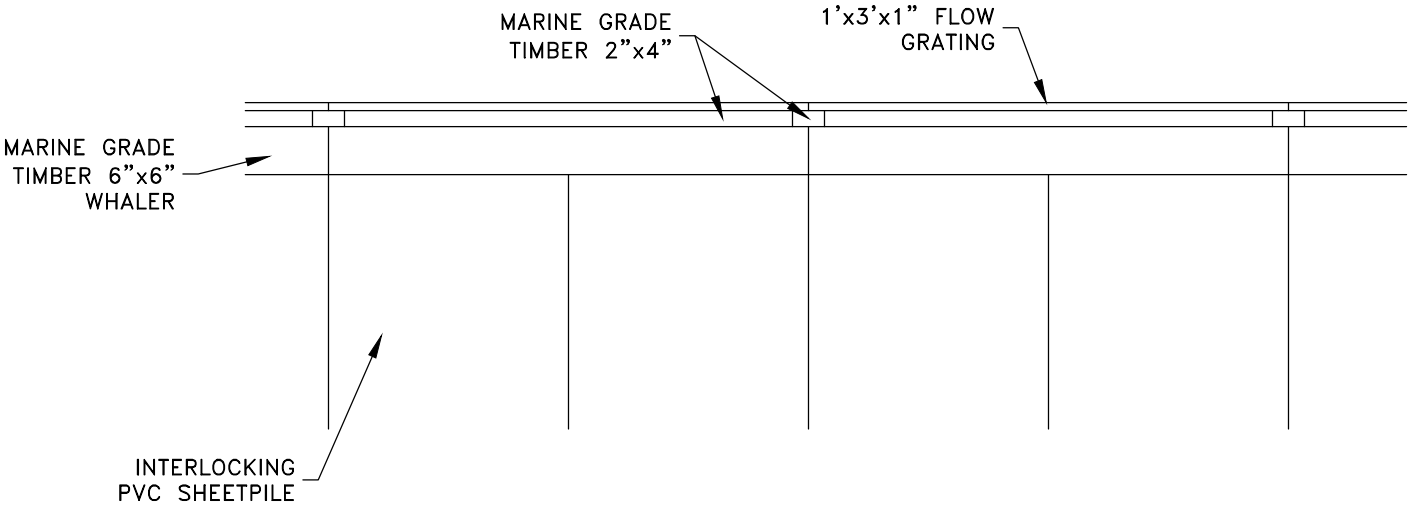
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PLAN VIEW



CROSS SECTION



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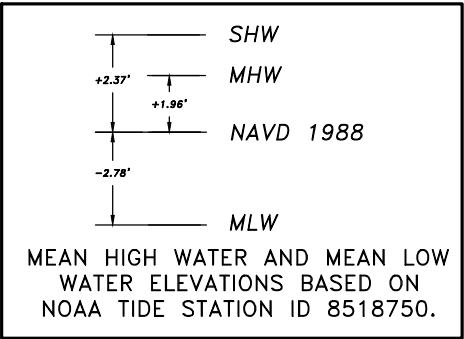


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ROCKAWAY POINT EROSION CONTROL STRUCTURE THRU-FLOW GRATING SPECIFICATIONS		
FOR: FIRST COASTAL CORPORATION		
DATE: 9/07/22	FILE: PLANS	SCALE: N.T.S.
JOB: 23-055	DATUM: SHOWN	FIGURE: 6

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ROXBURY EROSION CONTROL STRUCTURE  
QUEENS, NEW YORK  
PERMIT PLANS




SHEET INDEX

1. COVER SHEET AND LOCATION MAP
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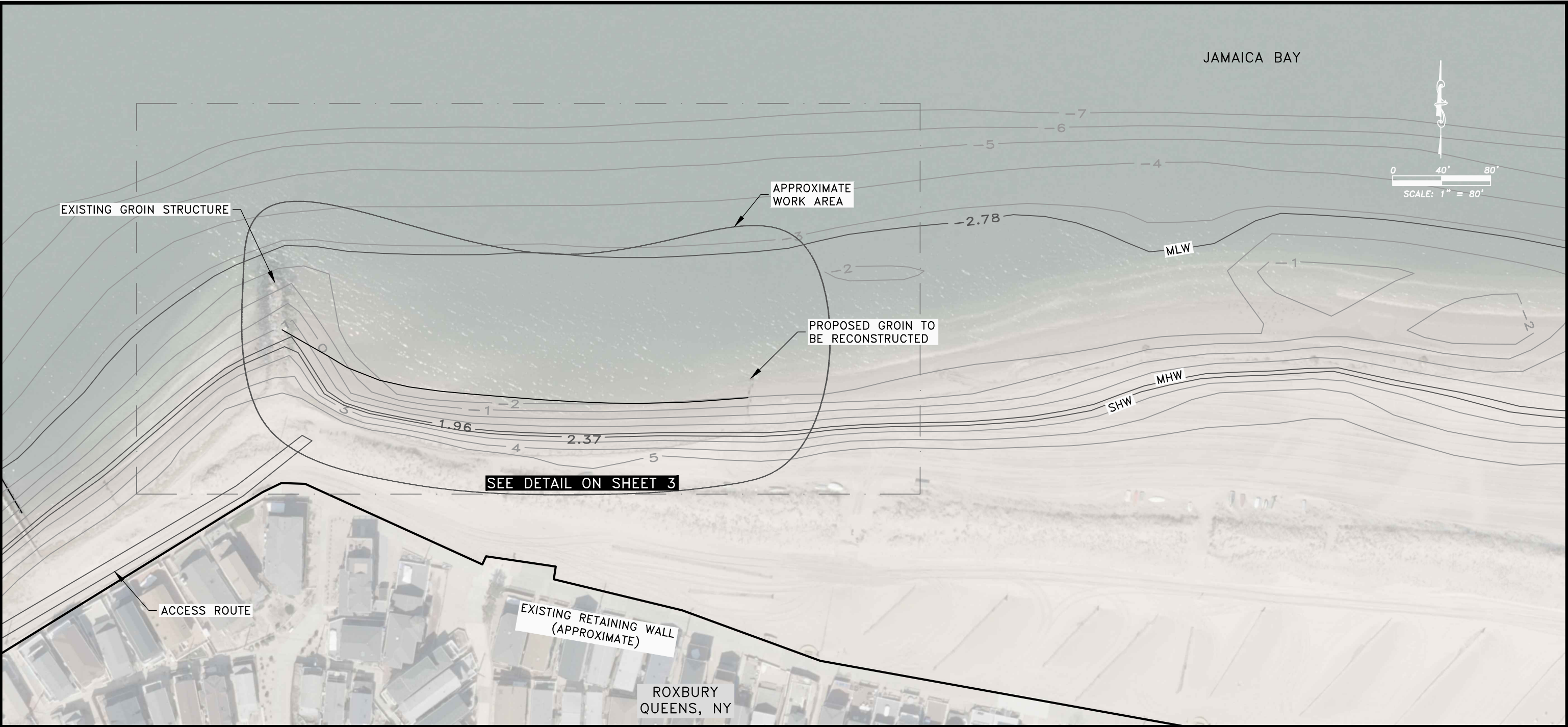
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4. AMENDED 5/09/23 TO SHOW STAGING AREA, ACCESS ROUTE, AND PROJECT WORK AREA.

NOT FOR CONSTRUCTION


 <b>HUMISTON &amp; MOORE ENGINEERS</b> <small>COASTAL ENGINEERING DESIGN AND PERMITTING</small>	ROXBURY EROSION CONTROL STRUCTURE COVER SHEET AND LOCATION MAP			5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com
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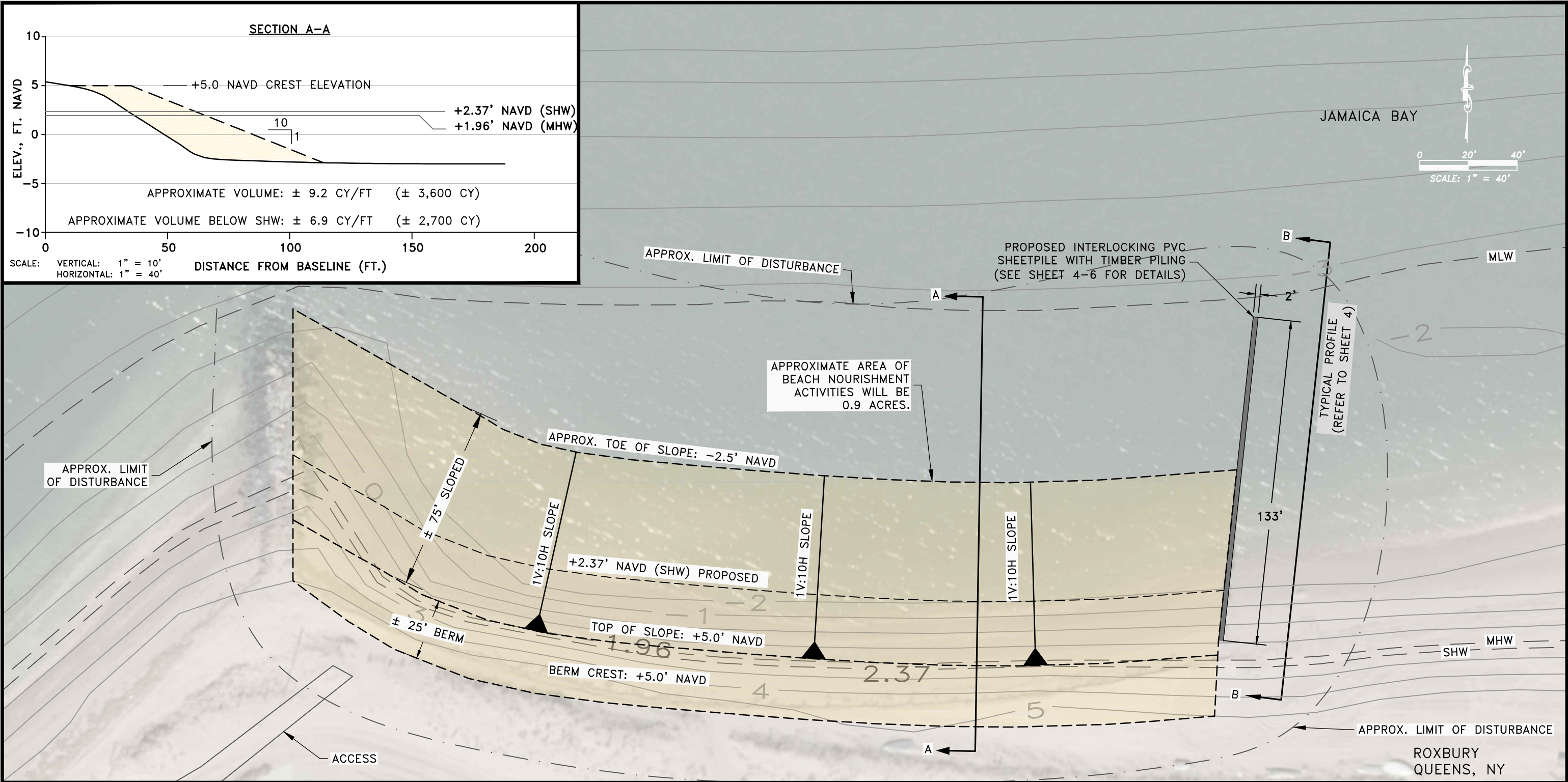


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	DATE: 9/7/22	FILE: PLANS	SCALE: SHOWN	PHONE: (239) 594-2021	
	JOB: 23-055	DATUM: SHOWN	FIGURE: 2	www.humistonandmoore.com	





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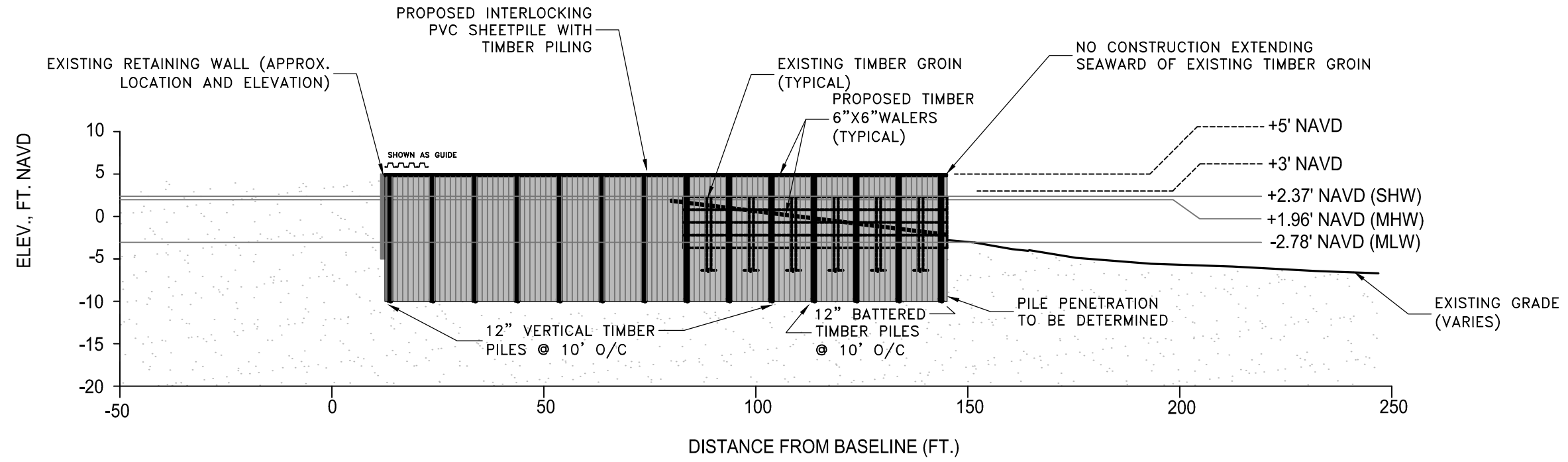
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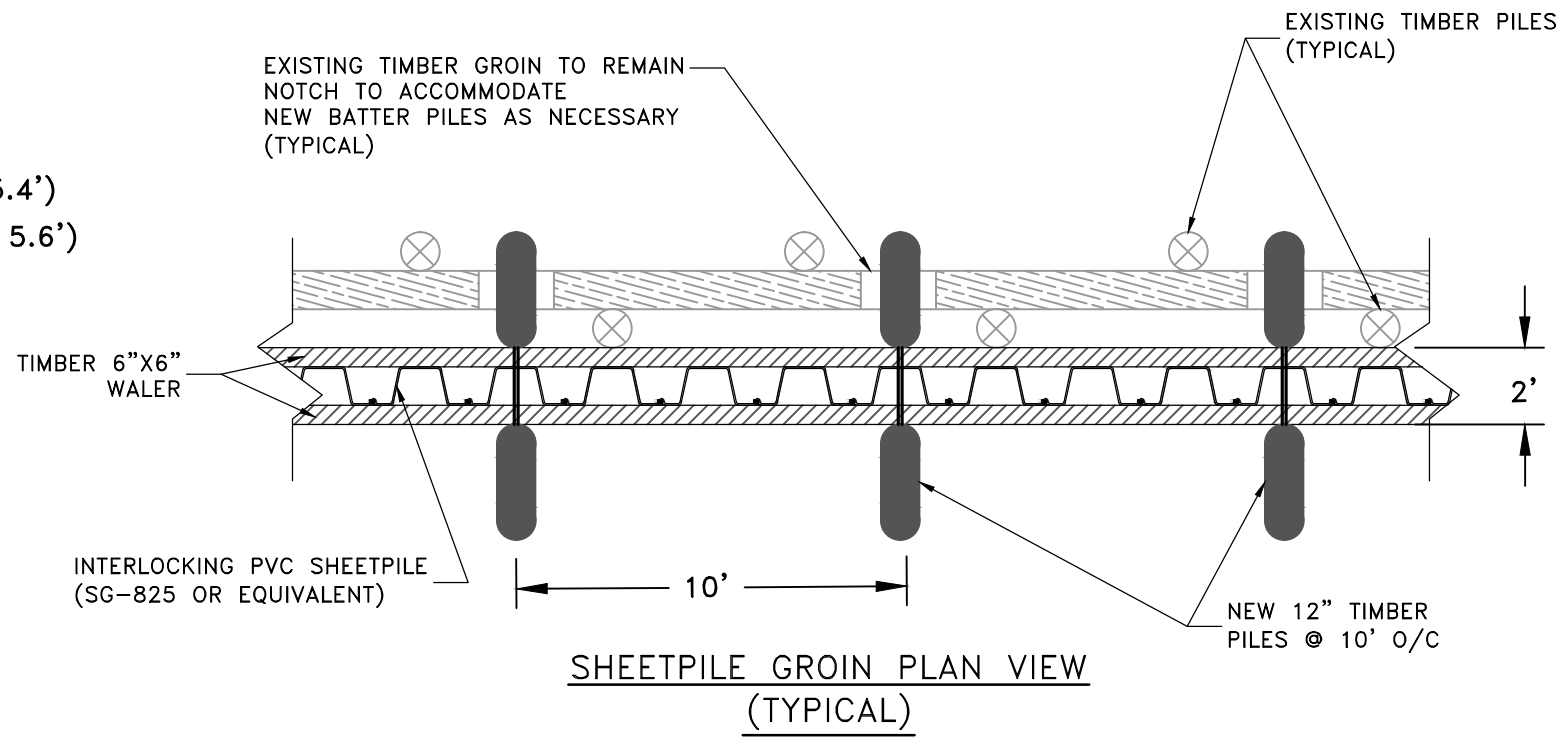
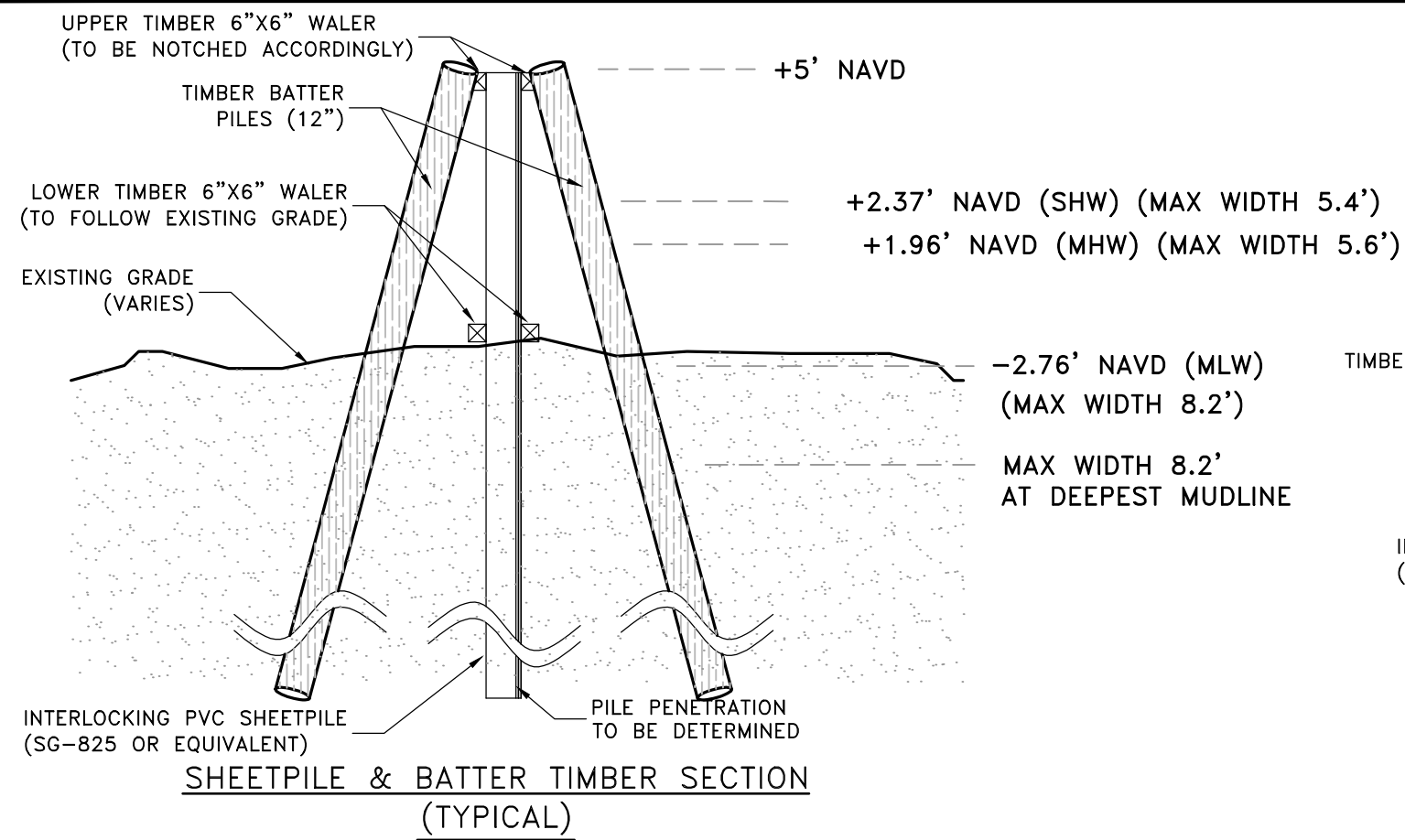
**HUMISTON  
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ROXBURY EROSION CONTROL STRUCTURE SITE MAP - PROPOSED CONDITIONS			
FOR: FIRST COASTAL CORPORATION			
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		FIGURE: 3	

5679 STRAND COURT  
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PVC SHEETPILE GROIN CROSS SECTION B-B  
APPROXIMATELY 28 TIMBER PILES (TYPICAL)



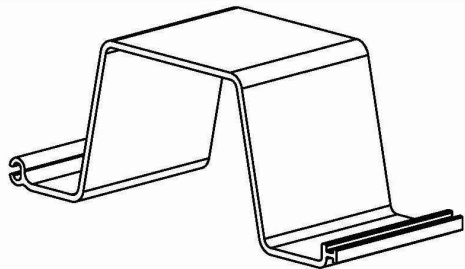
SHEETPILE GROIN PLAN VIEW  
(TYPICAL)

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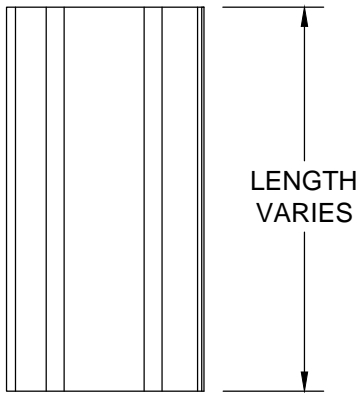
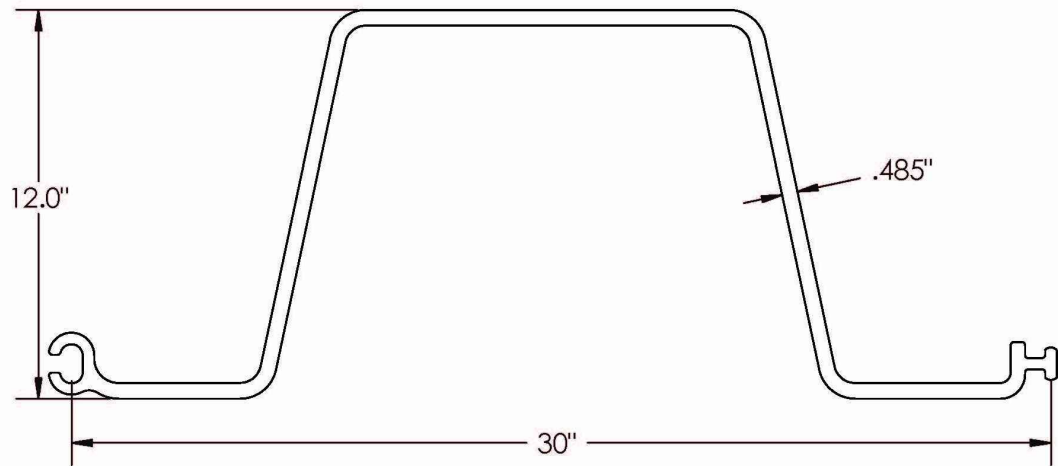
	<b>HUMISTON &amp; MOORE ENGINEERS</b>			ROXBURY EROSION CONTROL STRUCTURE				
	COASTAL ENGINEERING DESIGN AND PERMITTING			TYPICAL PVC SHEETPILE & TIMBER PILE SECTIONS				
	FOR: FIRST COASTAL CORPORATION			DATE: 9/7/22				
	JOB:23-055			FILE:PLANS				
			DATUM:SHOWN			SCALE:SHOWN		
			FIGURE: 4			5679 STRAND COURT NAPLES, FL 34110 FAX: (239) 594-2025 PHONE: (239) 594-2021 www.humistonandmoore.com		



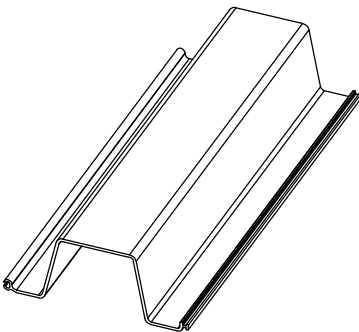
SG-825



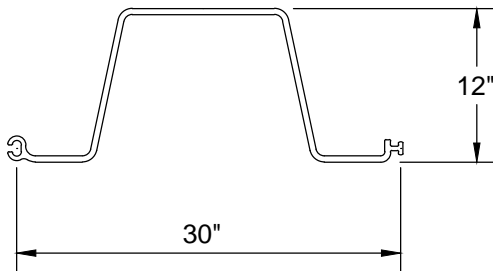
Allowable Moment (M)	9,787 ft-lb/ft	43.53 kN-m/m
Section Modulus (Z)	36.7 in <sup>3</sup> /ft	1,973 cm <sup>3</sup> /m
Moment of Inertia (I)	220 in <sup>4</sup> /ft	30,043 cm <sup>4</sup> /m
Impact Strength	15,000 in-lbs/in <sup>2</sup>	2,627 N-mm/mm <sup>2</sup>
Thickness (t)	0.485 in	12.2 mm
Section Depth	12.0 in	305 mm
Section Width	30 in	762 mm
Material	Weatherable Rigid Vinyl	
Standard Colors	Grey, Clay	
Technology	Box Profile, I-Beam Lock, XCR™	
Standard Packaging	5 sheets/bundle	



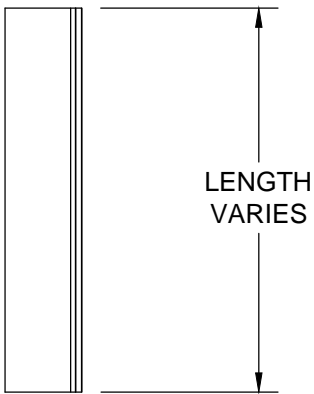
SG-825 PROFILE VIEW



SG-825 ISOMETRIC VIEW



SG-825 PLAN VIEW



SG-825 CROSS-SECTION

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ENGINEERING DESIGN  
AND PERMITTING

ROXBURY EROSION CONTROL STRUCTURE INTERLOCKING PVC SHEETPILE SPECIFICATION		
FOR: FIRST COASTAL CORPORATION		
DATE: 9/7/22	FILE: PLANS	SCALE: N.T.S.
JOB: 23-055	DATUM: SHOWN	FIGURE: 5

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ThruFlow™ Legacy XP Specification Chart 2020

Colours Available	Maple	Light Grey	Seafoam
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Base Material		FRPP - Fibreglass Reinforced Polypropylene			
Panels		Legacy XP	Legacy XP	Legacy XP	Traditional Legacy
Sizes - ( W x L x H )	inch	11.97 x 35.94 x 1.20	11.97 x 47.84 x 1.20	11.97 x 59.9 x 1.20	48 x 48.1 x 1.2
	mm	304.0 x 913.0 x 30.5	304.0x 1216 x 30.5	304.0 x 1521 x 30.5	1219 x 1221.5 x 30
Sizes - ( W x L x H ) Without Tab Option	inch	11.6 x 35.94 x 1.20	11.6 x 47.84 x 1.20	Not Available Without Tabs	Not Available Without Tabs
	mm	295.0 x 913.0 x 30.5	295.0x 1216 x 30.5		
Support Span	inch	18	16	15	16
	mm	457	406	381	406
Weight	lbs	4.34	5.82	7.28	24.6
	Kg	1.97	2.64	3.3	11.2
Load Capacity at 0.125" Mid Span Deflection <sup>1</sup>	lb <sub>f</sub>	328	452.7	452.7	364
	N	1,459	2,012	2,012	1,619
Load Capacity - Peak Load <sup>1</sup>	lb <sub>f</sub>	1,387	1,555	1,555	1,452
	N	6,170	6,912	6,912	6,459
Concentrated Static Load - Peak Load <sup>1</sup>	lb <sub>f</sub>	715	653	653	881
	N	3,180	2,903	2,903	3,919
ASTM E661					
Coefficient of Friction <sup>2</sup>	Static	0.78			
ASTM D2394-83	Kinetic	0.76			
Thermal Expansion <sup>3</sup>	1/°F	1.40 x 10 <sup>-5</sup>			
ASTM D696-03	1/°C	2.52 x 10 <sup>-5</sup>			
Light Availability <sup>4</sup>	Surface	43			
	18" Dock Height	61			
	60" Dock Height	84			
U/V Light Properties		U/V Stabilized by Additive			
Warranty		Lifetime Limited Warranty - See website for full details			

For full test reports please contact ThruFlow Inc.  
700 Gillard St., Wallaceburg, ON, N8A 4L3  
1-888-478-3569 / sales@thruflow.com

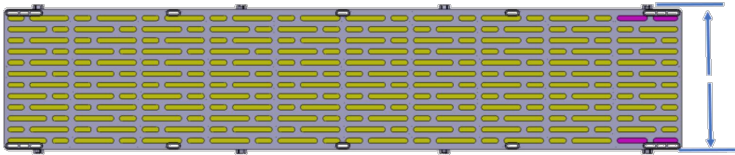
<sup>1</sup> UNB Wood Science and Technology Centre - Report# WSTC2014-044

<sup>2</sup> Cambridge Material Testing Limited - Report# 356155J-04

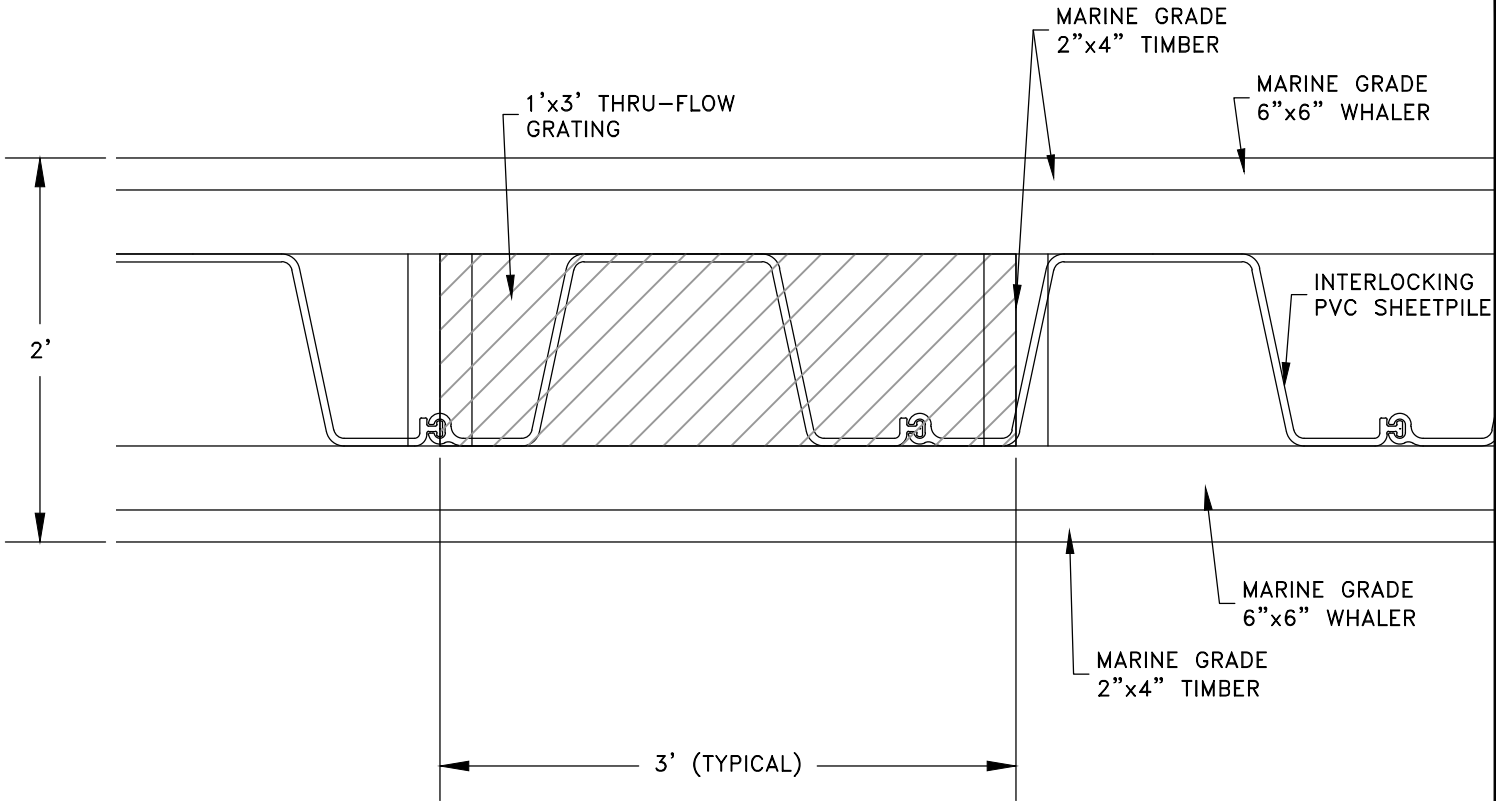
<sup>3</sup> Cambridge Material Testing Limited - Report# 356155D-04

<sup>4</sup> Cambridge Material Testing Limited - Report# 354661-04

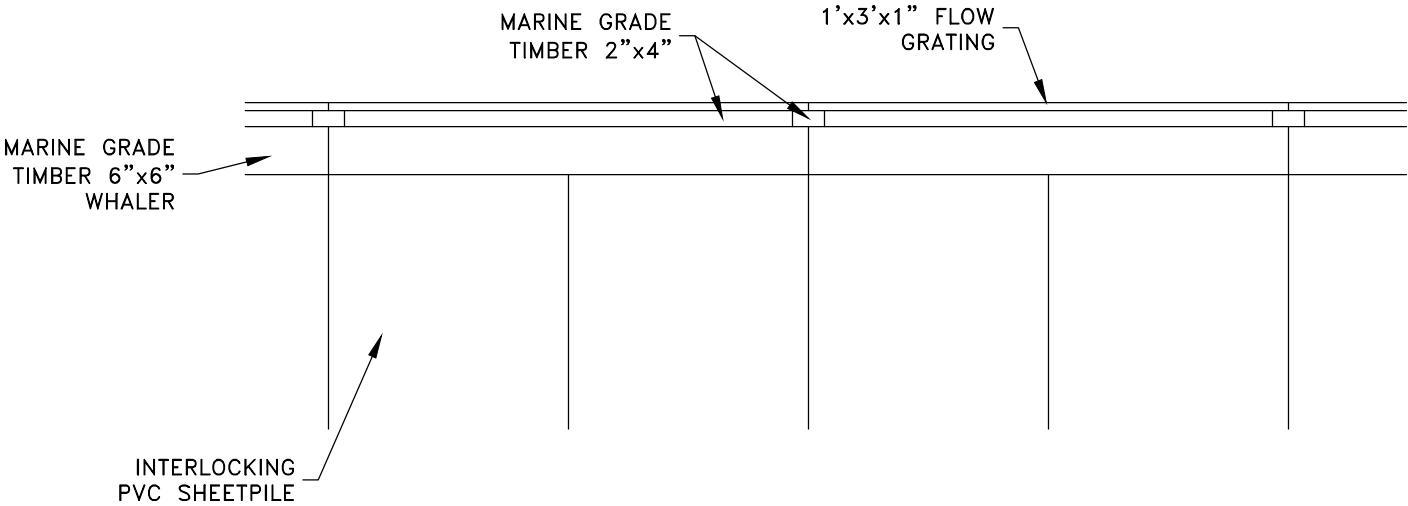
Please note the width on all parts listed include the width of the tabs on one side of the part.



PLAN VIEW



CROSS SECTION



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ROXBURY EROSION CONTROL STRUCTURE THRUFLOW GRATING SPECIFICATION		
FOR: FIRST COASTAL CORPORATION		
DATE: 9/7/22	FILE: PLANS	SCALE: N.T.S.
JOB: 23-055	DATUM: SHOWN	FIGURE: 6

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