

PUBLIC NOTICE

REQUEST FOR PERMISSION TO ALTER A U.S. ARMY CORPS OF ENGINEERS PROJECT UNDER SECTION 408

TITLE: NJDEP-Office of Coastal Engineering - North Wildwood Seawall Extension Project at the Hereford Inlet to Cape May Inlet Coastal Storm Risk Management Federal Civil Works Project in the City of North Wildwood, Cape May County, New Jersey

PUBLIC NOTICE IDENTIFICATION NUMBER: 408-NAP-2026-0007

PUBLIC NOTICE COMMENT PERIOD:

Begins: **16 March 2026**

Expires: **15 April 2026**

Interested parties are hereby notified that an application has been received for a Department of the Army Section 408 permission for certain work at or near a federal project of the United States, as described below and shown on attached figures. Written comments are being solicited from anyone having an interest in the requested alteration. Comments will become part of the U.S. Army Corps of Engineers' (USACE's) administrative record and will be considered in determining whether to approve the request. Comments supporting, opposing, or identifying concerns that should be considered by the USACE in its decision process are all welcome.

This public notice is not a paid advertisement and is for public information only. Issuance of this notice does not imply USACE endorsement of the project as described.

1. REQUESTOR: In compliance with 33 USC 408 (Section 14 of the Rivers and Harbors Act of 1899; hereinafter Section 408), the New Jersey Department of Environmental Protection's Office of Coastal Engineering (NJDEP-OCE) has requested permission to undertake the North Wildwood Seawall Extension Project sited within the footprint of the Hereford Inlet to Cape May Inlet Coastal Storm Risk Management Federal Civil Works Project.

2. LOCATION: The proposed project is located east of John F. Kennedy Beach Drive between East 2nd Avenue and East 12th Avenue in the City of North Wildwood, Cape May County, New Jersey; approximate center coordinates 39.000090, -74.788557.

3. LOCATION MAP(S)/DRAWING(S): Please see attached Project Plan Sheets 1 - 16.

4. REQUESTER'S PROPOSED ACTION: The proposed action entails the construction of a new 60-foot wide by 1,180-foot long stone seawall between East 3rd Avenue and East 7th Avenue. The seawall will be constructed using 8-to-10-ton granite cap stones underlain

by a 4-foot-thick stone sublayer. The new seawall will integrate with and tie into the existing seawall at East 3rd Avenue. A new steel bulkhead will be installed along the landward toe of slope for added reinforcement. Between East 2nd Avenue and East 7th Avenue, the existing seawall will be reinforced with a concrete cap.

A temporary cofferdam will be installed between East 3rd Avenue and East 12th Avenue. Staging and access for construction equipment and materials is proposed between East 7th Avenue and East 12th Avenue.

All of the proposed work will be performed in uplands, landward of both the High Tide Line and Mean High Water Line of the Atlantic Ocean, with the exception of the following: the northernmost corner of the seawall bedding stone will be installed below the High Tide Line; excavation work to construct the seawall footing will occur below the High Tide Line and Mean High Water Line; and the temporary cofferdam will be sited below the High Tide Line and Mean High Water Line.

The stated purpose of the project is to protect citizens and property in the City of North Wildwood from the effects of storm surge and flooding from coastal storms and high tides.

5. REGULATORY AUTHORITY: This request will be reviewed according to the provisions of Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. 408). A requestor has the responsibility to acquire all other permissions or authorizations required by federal, state, and local laws or regulations, including any required permits from the USACE Regulatory Program under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403), Section 404 of the Clean Water Act (33 USC Section 1344) and/or Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 USC 1413). Any Section 10/404/103 permit decision associated with the proposed alteration is separate from and will not be included in the Section 408 permission decision. An approval under Section 408 does not grant any property rights or exclusive privileges nor does it authorize any injury to the property or rights of others.

6. ENVIRONMENTAL COMPLIANCE: A decision on a Section 408 request is a federal action, and therefore subject to the National Environmental Policy Act (NEPA) and other environmental compliance requirements. While ensuring compliance is the responsibility of USACE, the requester is providing all information that the Philadelphia District identifies as necessary to satisfy all applicable federal laws, executive orders, regulations, policies, and ordinances. Based on information provided by the applicant to date, current Corps regulations governing NEPA implementation, and/or the contents of existing NEPA documentation if available, it is likely that the proposed action will be determined to be categorically excluded from the need to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS). This determination will be finalized following completion of agency coordination and prior to issuance of the Section 408 Permission Decision.

7. EVALUATION: As part of its evaluation, USACE will first make a determination that the submittal from the requestor is complete. The Philadelphia District is working closely with the requestor to ensure that all required technical plans, maps, drawings, and specifications are provided and are complete. Once the package is complete, a District-led review will be

conducted to determine, in accordance with Engineering Circular (EC) 1165-2-216, whether the proposed alteration will impair the usefulness of the USACE Project or be injurious to the public interest, as follows:

- A. *Impair the Usefulness of the Project Determination.* The Philadelphia District's Section 408 review team will determine if the proposed alteration will limit the ability of the federally authorized project to function as authorized, or will compromise or change any authorized project conditions, purposes or outputs.
- B. *Injurious to the Public Interest Determination.* Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Evaluation of the probable impacts that the proposed alteration to the USACE project may have on the public interest requires a careful weighing of all those factors that are relevant in each particular case. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

8. SOLICITATION OF COMMENTS: The USACE 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 the proposed activity. Any comments received will be considered by USACE to determine whether to issue, modify, condition, or deny a permission for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are considered in making a final determination whether the proposed action will be categorically excluded from the need to prepare further NEPA documentation. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

- A. It should be noted that materials submitted as part of the Section 408 request become part of the public record and are thus available to the general public under the procedures of the Freedom of Information Act (FOIA). Individuals may submit a written request to the Philadelphia District Corps of Engineers, Office of Counsel to obtain copies of said materials under the FOIA.
- B. It is presumed that all parties viewing this notice will wish to respond to this public notice; therefore, a lack of response will be interpreted as meaning that there is no objection to the project as described.

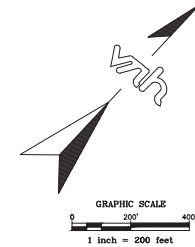
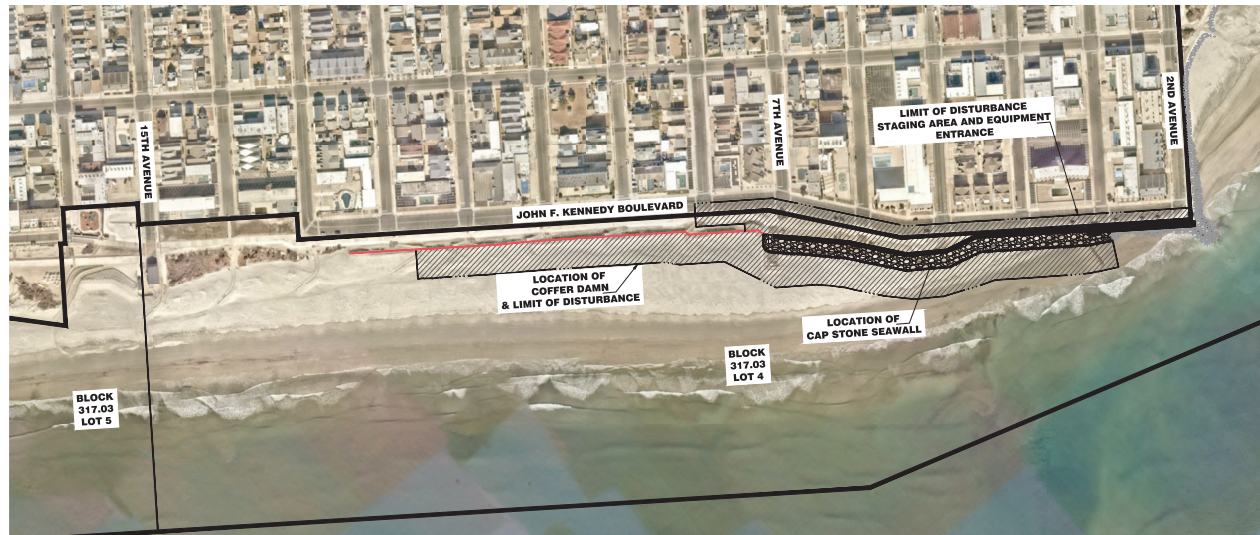
9. COMMENT SUBMISSION AND ADDITIONAL INFORMATION: Written comments on the described work should reference the USACE Public Notice Identification Number

found on the first page of this notice. Comments must reach this office no later than the stated expiration date of the Public Notice to become part of the record and be considered in the decision. Comments or requests for additional information should be emailed or mailed to the following address:

Email: Bishel.Baby@usace.army.mil
U.S. Army Corps of Engineers
Philadelphia District
Attn: Bishel B. Baby
1650 Arch Street, 7th Floor
Philadelphia, PA 19103-2004

ARMY CORPS OF ENGINEERS PERMIT PLAN FOR: 3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT

NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, NEW JERSEY



LOCATION MAP

AERIAL MAP TAKEN FROM "NEAR MAP" WEB SERVICE DATED MARCH 2025

INDEX OF SHEETS:

- SHEET CS COVER SHEET
- SHEET No. 1 PLANS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 2 PLANS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 3 PLANS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 4 PROFILES FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 5 PROFILES FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 6 PROFILES FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 7 PROFILES FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 8 SECTIONS AND DETAILS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 9 STAGING AREA PLAN FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 10 STAGING AREA PLAN FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 11 DETAILS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 12 DETAILS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 13 DETAILS FOR SEAWALL, BULKHEAD AND COFFER DAMM
- SHEET No. 14 PLAN SHOWING TIDAL LINES
- SHEET No. 15 PLAN SHOWING TIDAL LINES

CITY OF NORTH WILDWOOD

PATRICK ROSENELLO
SALVATORE ZAMPIRRI

EDWIN KOEHLER
KELLYANN TOLOMEO
MARGARET BISHOP
DAVID DEL CONTE
JAMES KANE
JOSEPH RULLO

MAYOR
**PRESIDENT OF COUNCIL/
COUNCILMAN AT LARGE**
COUNCILMAN
COUNCILWOMAN
COUNCILMAN
COUNCILMAN
COUNCILMAN

LEGEND



van note-harvey division of pennoni 103 College Road East • Princeton, NJ 08542 • 609-987-2323 211 Bryden Drive • Cape May Court House, NJ 08210 • 856-465-2000 www.vannoteharvey.com Certificate of Authorization No. 2450-3033300					
COVER SHEET FOR:					
3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT					
NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD					
CAPE MAY COUNTY, N.J.					
REV.	DESCRIPTION	DATE	DATE	DATE	DATE
DRAWN BY: <i>Ralph Petrella Jr.</i> RALPH PETRELLA JR. N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226		DATE OF SRK: 4/08/2025	FIELD BK 43611-	ORDER NO. 400-21	FILE NO. CS
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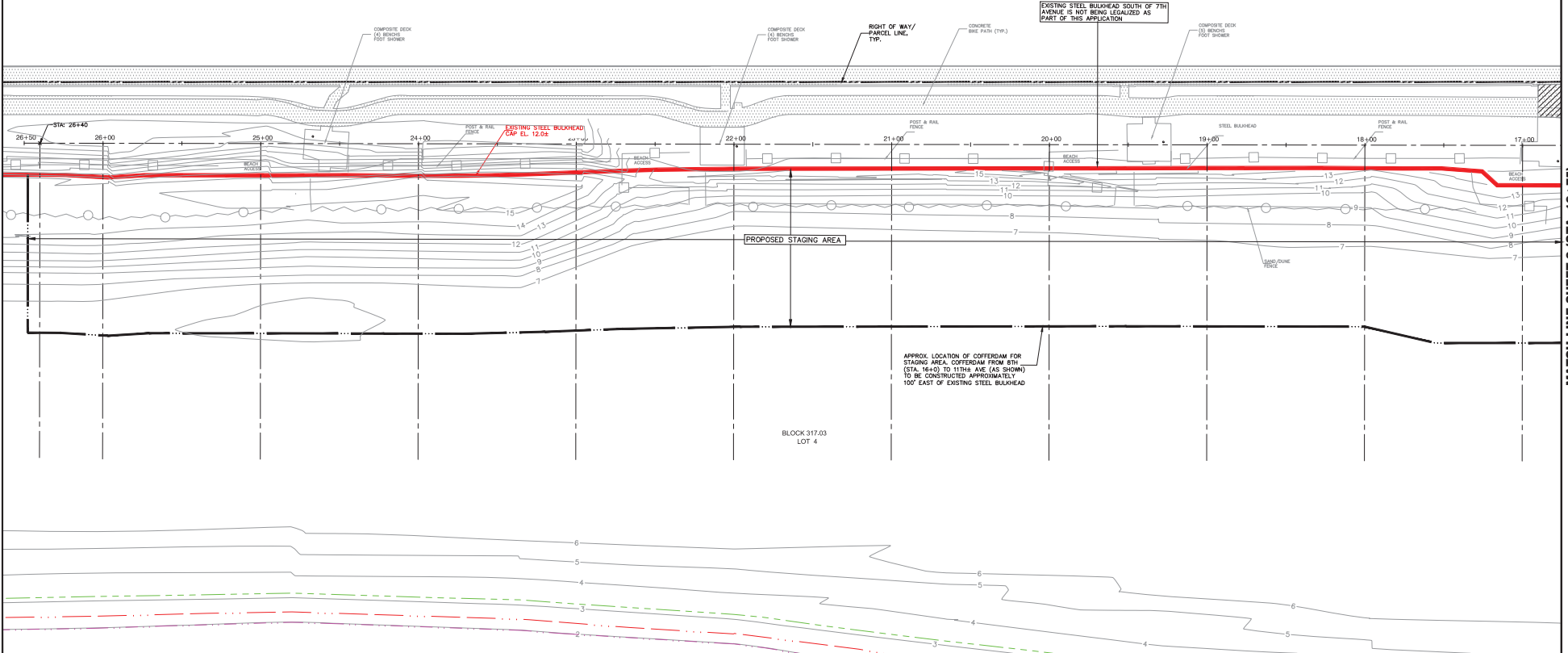
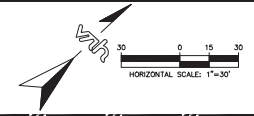
11TH AVENUE

10TH AVENUE

9TH AVENUE

JFK BOULEVARD

BEACH DRIVE



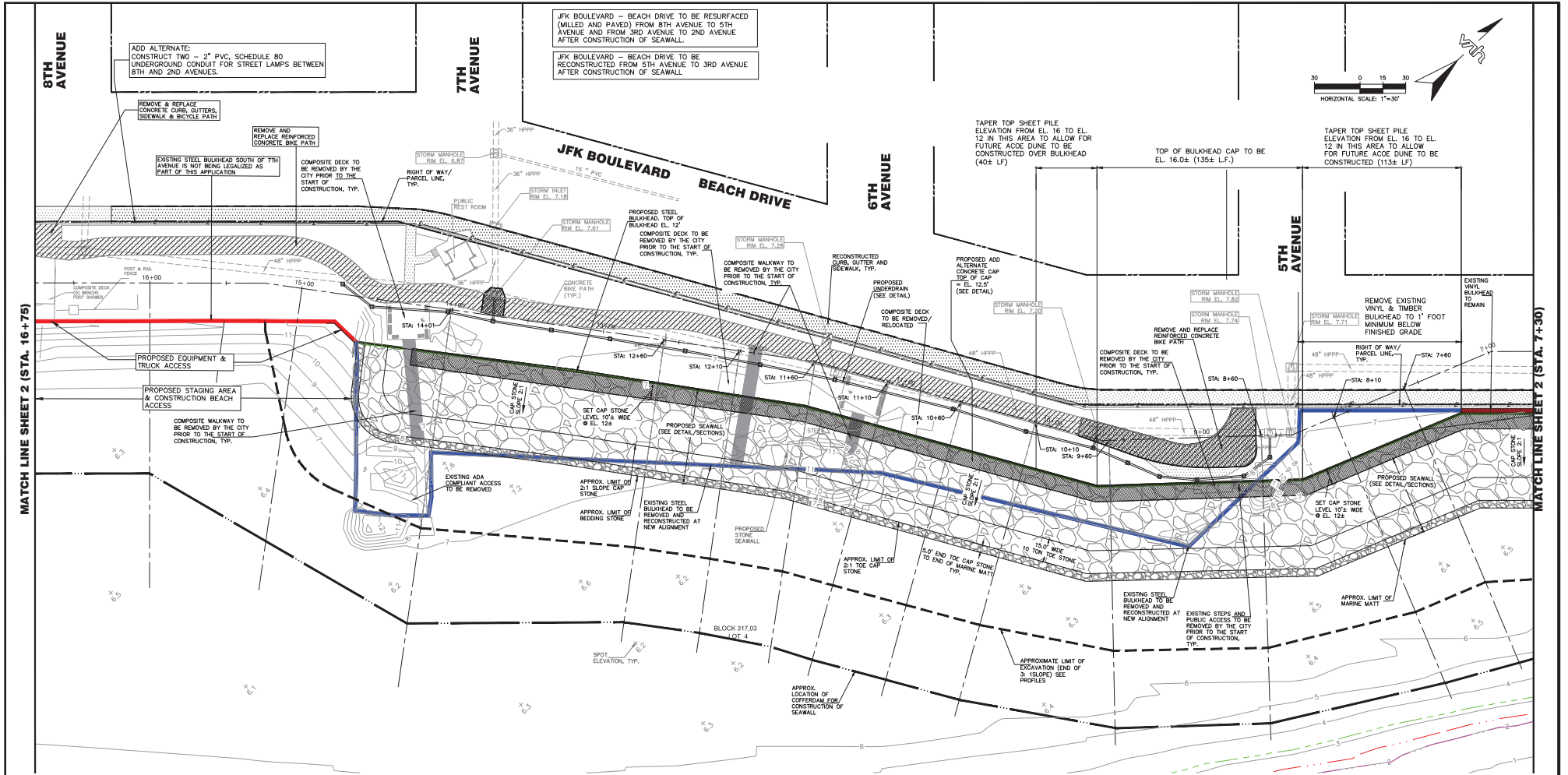
MATCH LINE SHEET 2 (STA. 16+75)



TOTAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#536110 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL LOCALS HIGHEST PREDICTED TO BE IN A 12 MONTH PERIOD E.L. = 3.15 TIDE PREDICTED ON 10/18/2024 *WHITE SPRING HIGH WATER (COWL) = MHW EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNCO PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1985 (NAVD85) NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NAVD29 = +1.43'

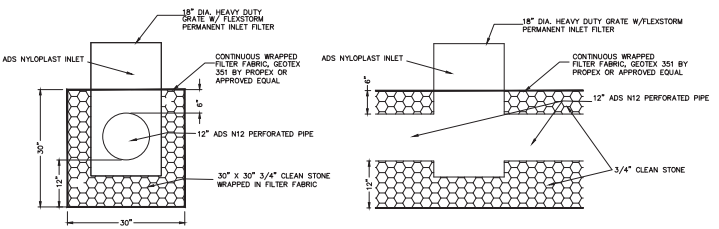
US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

<p>van note-harvey Division of personnel 103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2000 www.vannoteharvey.com • Certificate of Authorization No. 2402A3033309</p>			
<p>PLAN SHOWING 3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT</p>			
<p>NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.</p>			
REV.	DESCRIPTION	DATE	DRN BY
<p><i>Ralph Petrella Jr.</i> RALPH PETRELLA JR. N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226</p>		<p>4/06/2025 DATE OF SGN.</p>	<p>DRAWN BY: BMP CHECKED BY: RP/JV FIELD BK: 43611-402-21 ORDER No.: 43611-402-21 FILE No.: SHEET No.: 1</p>

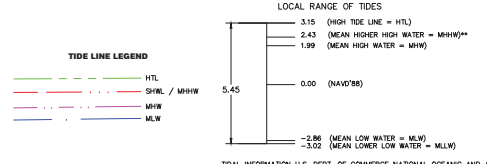


MATCH LINE SHEET 2 (STA. 16+75)

MATCH LINE SHEET 2 (STA. 7+30)



UNDERDRAIN DETAIL



LOCAL RANGE OF TIDES
 3.15 (HIGH TIDE LINE = HTL)
 2.43 (MEAN HIGHER HIGH WATER = MHHW)
 1.99 (MEAN HIGH WATER = MHW)
 0.00 (NAVD83)
 -2.86 (MEAN LOW WATER = MLW)
 -3.03 (MEAN LOWER LOW WATER = MLLW)

TOTAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEANIC SERVICE TIDAL STATION ID#536110 CAPE MAY NEW JERSEY TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL LOCALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD
 E.L. = 3.15 TIDE PREDICTED ON 10/18/2024
 *WHITE SPRING HIGH WATER LINE (CWL) = MHHW

EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNSYLVANIA PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83)

NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD83 DATUM
 CONVERSION FACTOR FROM NAVD83 TO NAVD29 = +1.4'

US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

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**PLAN SHOWING
 3RD AVE TO 7TH AVE SEAWALL
 EXTENSION PROJECT**

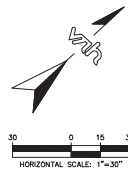
**NORTH WILDWOOD BEACH
 CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.**

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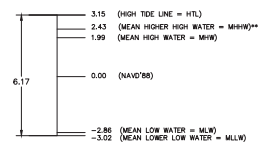
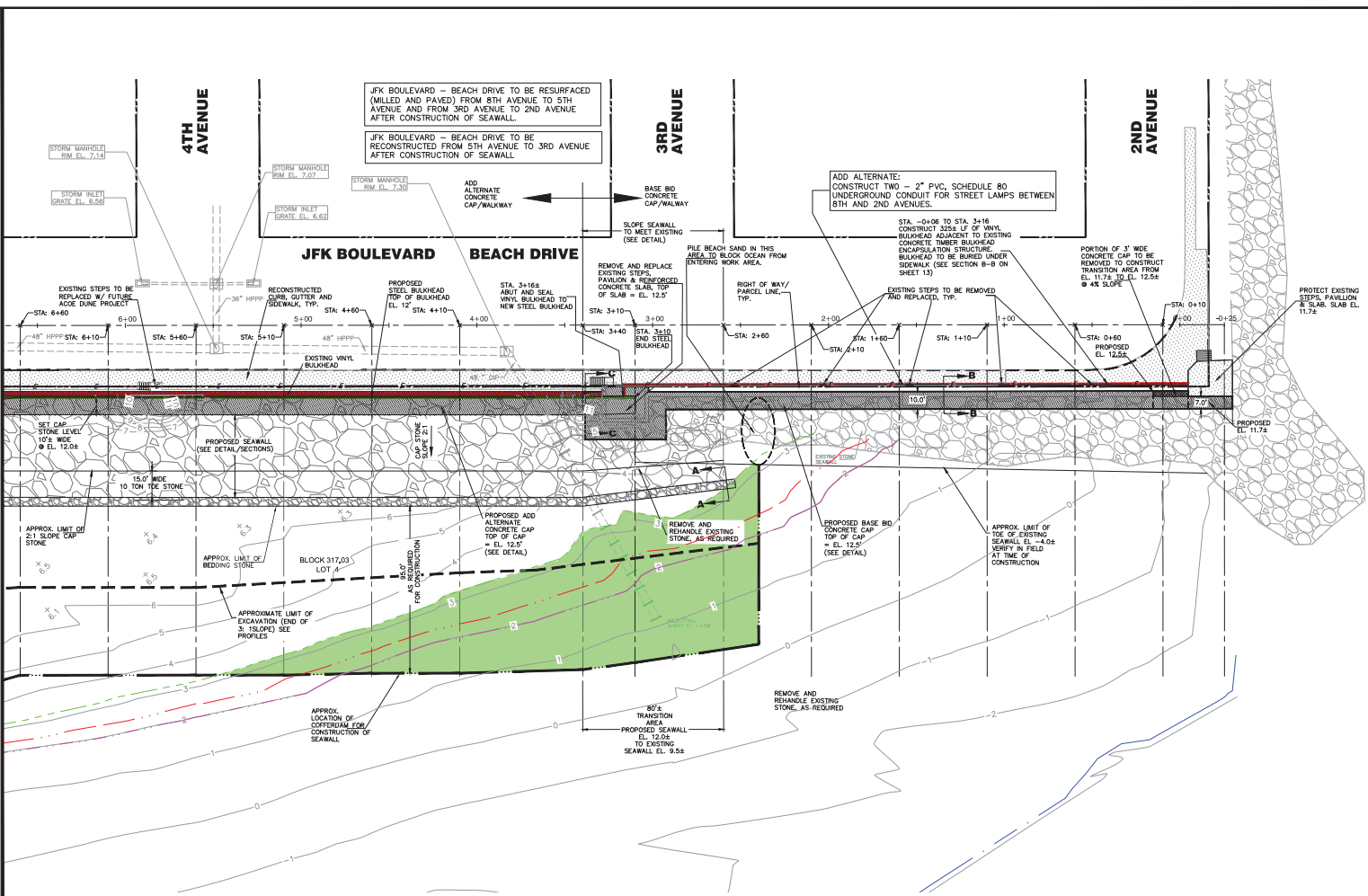
RALPH PETRELLA JR.
N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. 08 23226

4/06/2025
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MATCH LINE SHEET 1 (STA. 7+30)



TOTAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#836110 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED: JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD E.L. = 3.15 TIDE PREDICTED ON 10/16/2024 **NOTE: SPRING HIGH WATER LINE (SHWL) = MHHW EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARNEY DIVISION OF PENNONTI PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.43'

TEMPORARY IMPACT TO WATERS OF THE UNITED STATES OF AMERICA UNDER NATION WIDE PERMIT #33 = 15,689 SQ FT OR 0.36 ACRES

LOCAL RANGE OF TIDES

US ARMY CORP OF ENGINEERS NATION
WIDE PERMIT #33 PLAN SET

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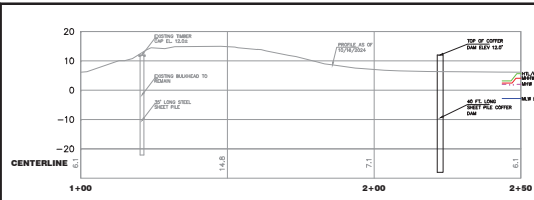
PLAN SHOWING
**3RD AVE TO 7TH AVE SEAWALL
EXTENSION PROJECT**

**NORTH WILDWOOD BEACH
CITY OF NORTH WILDWOOD
CAPE MAY COUNTY, N.J.**

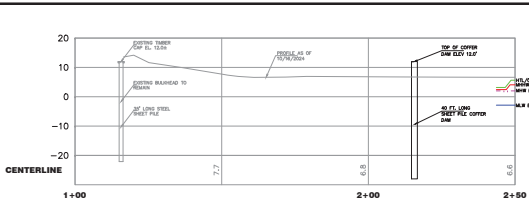
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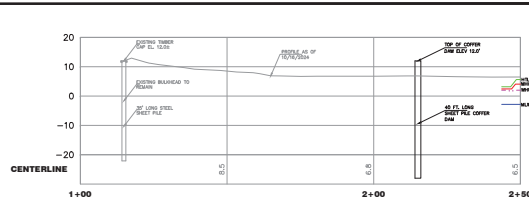
RALPH PETRELLA JR.
N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. 08 23226



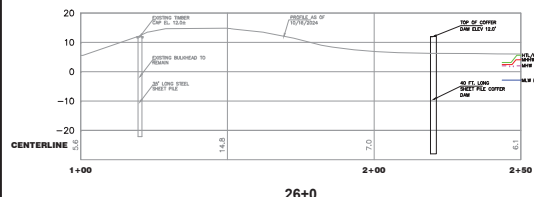
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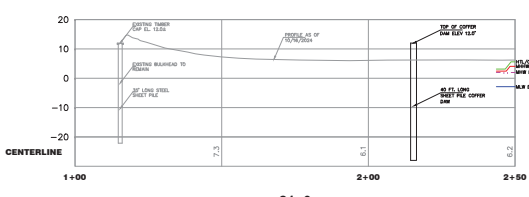
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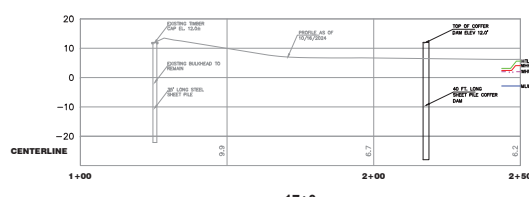
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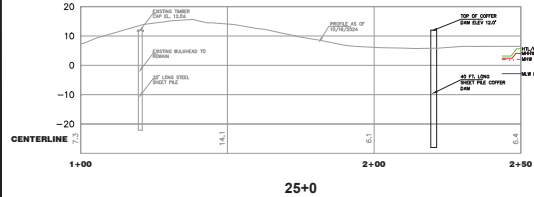
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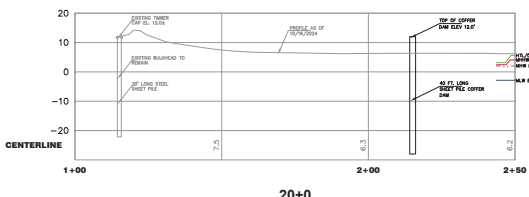
21+0



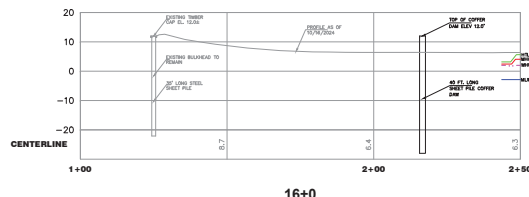
17+0



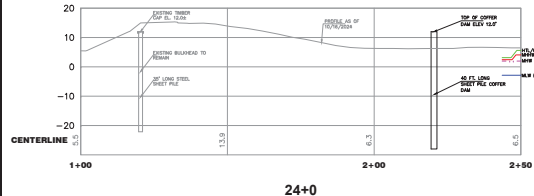
25+0



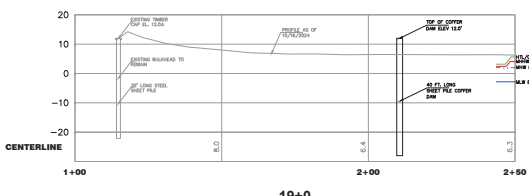
20+0



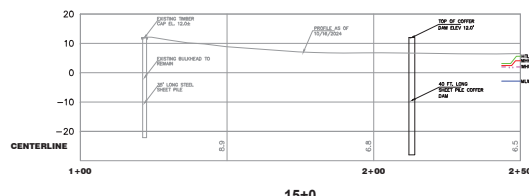
16+0



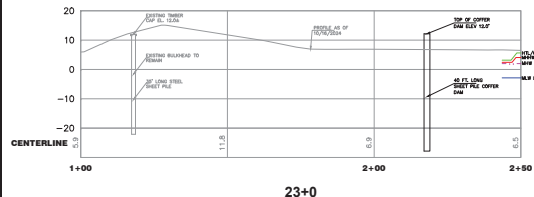
24+0



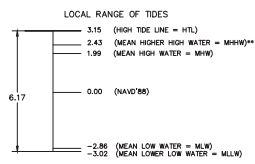
19+0



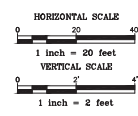
15+0



23+0



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#RS3610 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD E.L. = 3.15 TIDE PREDICTED ON 10/16/2024
 *NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPILED BY VAN NOTE HARVEY DIVISION OF PENNSON PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NAVD29 = +1.47



US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

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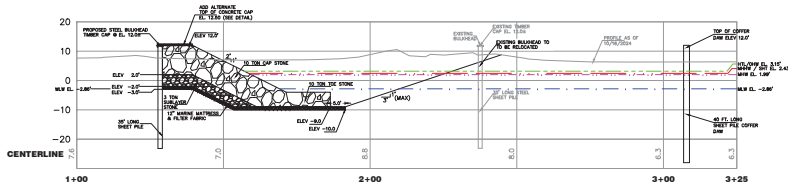
PROFILES FOR:
3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT

NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.

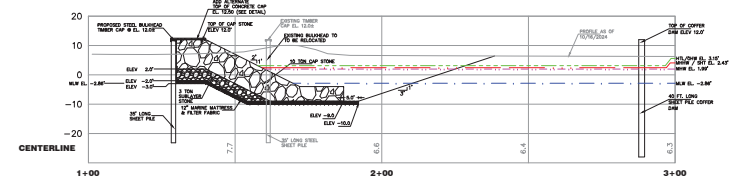
REV.	DESCRIPTION	DATE	DRN BY	CHK BY

Ralph Petrella Jr.
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226
 DATE OF SIGN. 4/06/2025

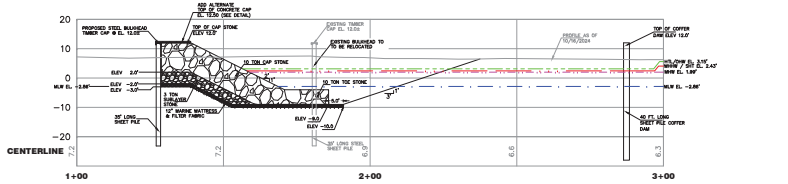
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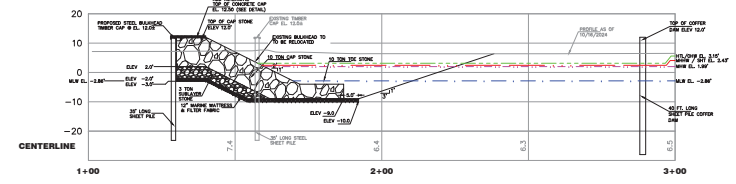
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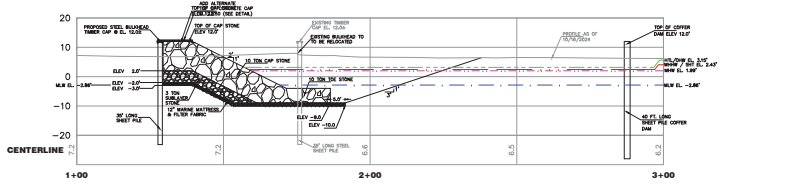
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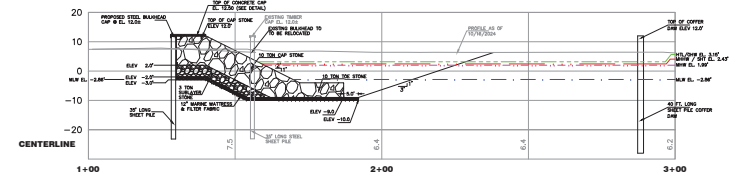
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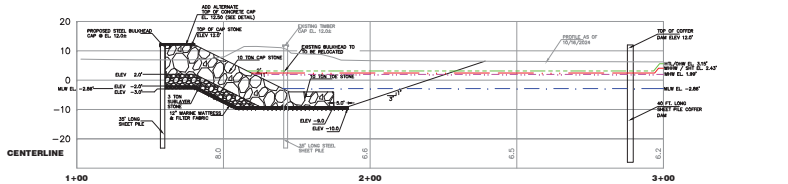
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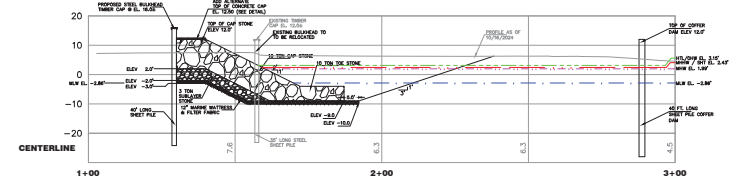
12+10



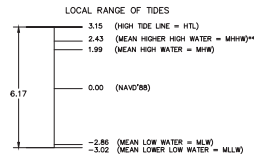
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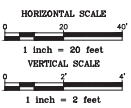
11+60



9+60



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION 01853610 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD ELL = 3.15 TIDE PREDICTED ON 10/16/2024 *NOTE SPRING HIGH WATER LINE (SHWL) = MHHW EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNINO PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.43'



US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

van note-harvey
 Division of Engineers
 103 College Road East • Princeton, NJ 08540 • 609-987-2323
 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2000
 www.vannoteharvey.com • Certificate of Authorization No. 240243033309

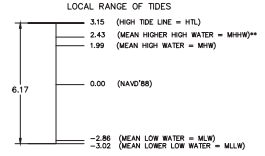
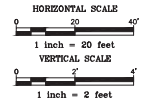
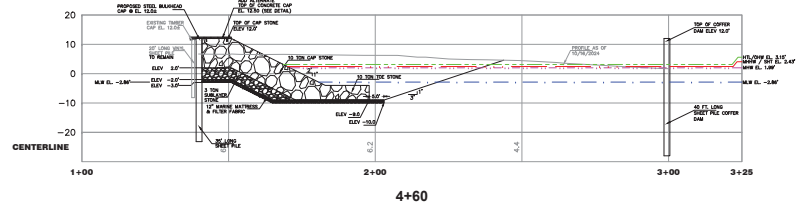
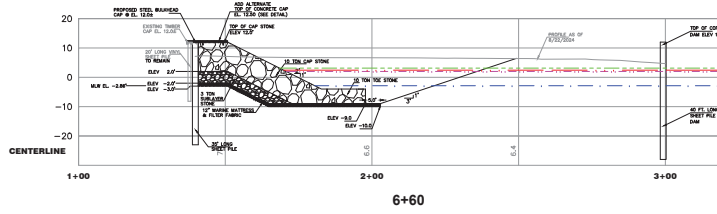
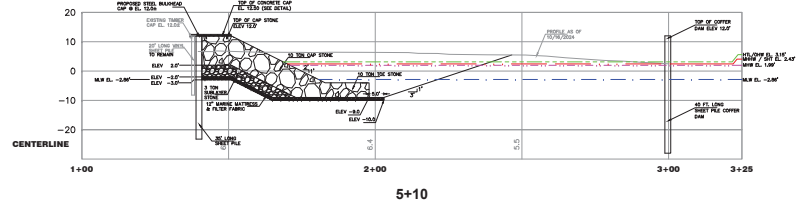
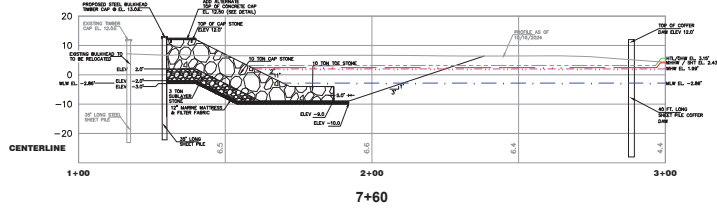
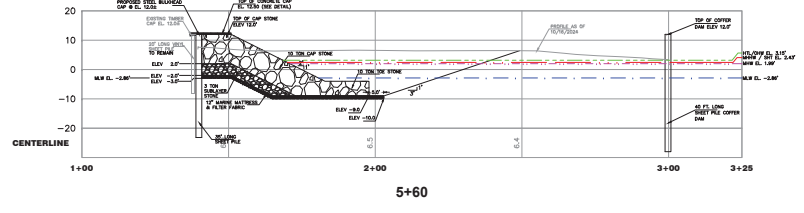
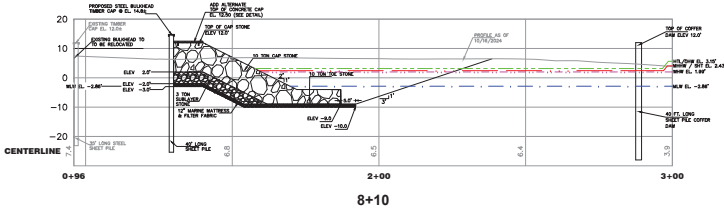
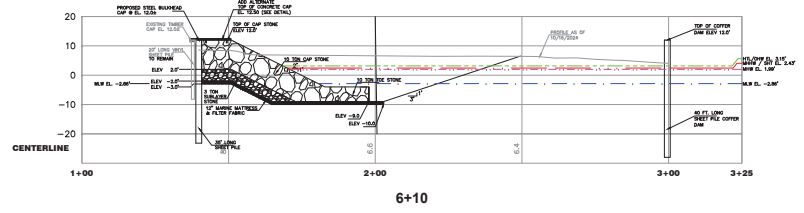
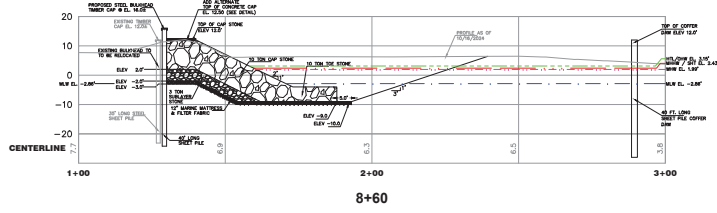


PROFILES FOR:
3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT

NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

REV. DESCRIPTION DATE DFT. BY CHK. BY
 DATE OF SO. BY
 4/06/2025
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. 0B 23226

DRAWN BY: EOW FIELD BK: ORDER NO.: 43611-400-21 SHEET NO.: 5
 CHECKED BY: BAMP PAGE



TOTAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), NATIONAL OCEAN SERVICE TIDAL STATION 0863611 CAPE MAY NEW JERSEY TIDAL STATION DATED JANUARY 1985 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD EL = 3.15 TIDE PREDICTED ON 10/18/2024
 **NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNING PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.45'

US ARMY CORP OF ENGINEERS NATION
WIDE PERMIT #33 PLAN SET

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 103 College Road East • Princeton, NJ 08540 • 609-987-2323
 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2000
 www.vannoteharvey.com • Certificate of Authorization No. 243243033309

PROFILES FOR:
**3RD AVE TO 7TH AVE SEAWALL
EXTENSION PROJECT**

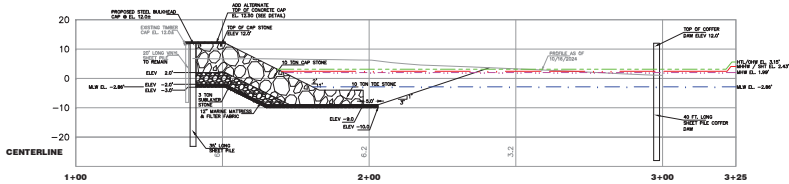
**NORTH WILDWOOD BEACH
CITY OF NORTH WILDWOOD
CAPE MAY COUNTY, N.J.**

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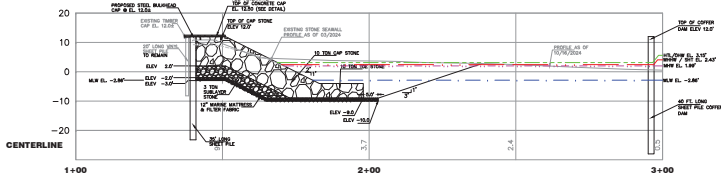
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DATE OF SOG: 4/06/2025

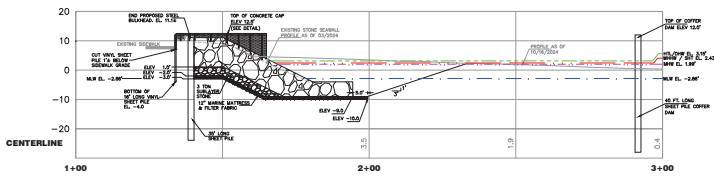
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. 0B 23226



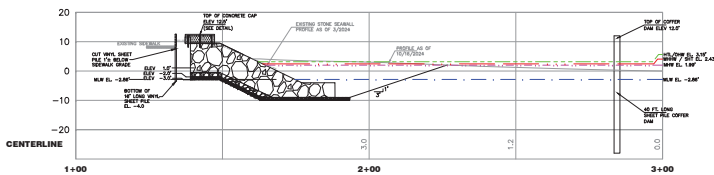
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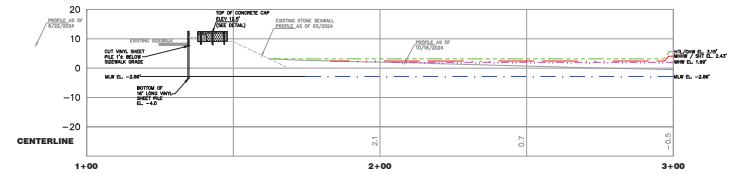
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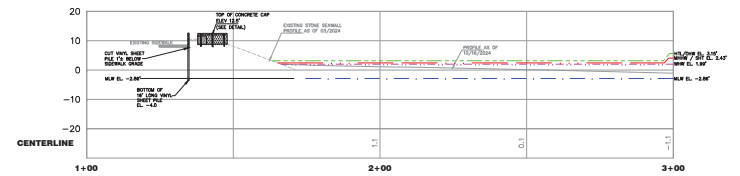
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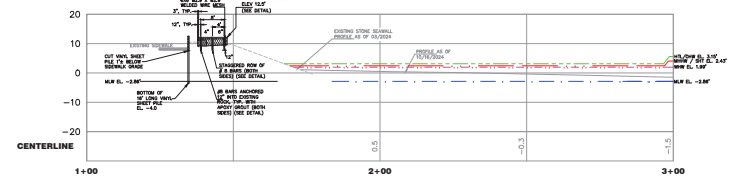
2+60 (MATCH EXISTING SEAWALL)



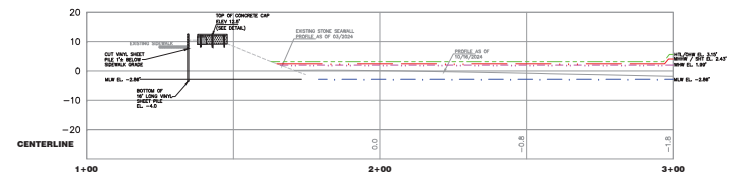
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1+60

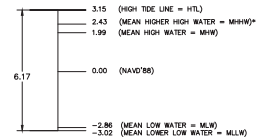


1+10



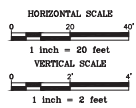
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LOCAL RANGE OF TIDES



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#853610 CAPE MAY NEW JERSEY TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD E.L. = 3.15 TIDE PREDICTED ON 10/18/2024 *NOTE SPRING HIGH WATER LINE (SHWL) = MHWS

EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNON PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.4'



US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

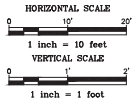
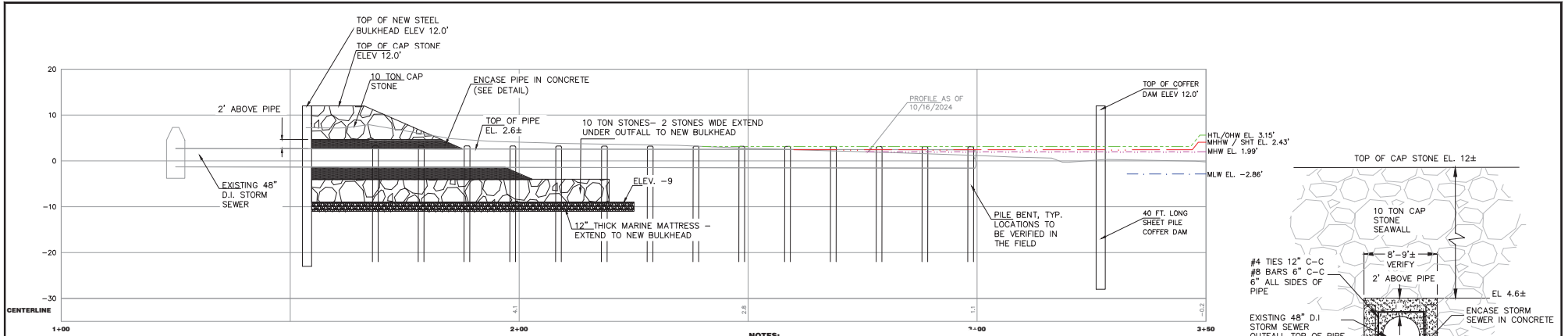
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 division of panonco
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 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2000
 www.vanoteharvey.com Certificate of Authorization No. 240243303330

PROFILES FOR:
3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT
 BETWEEN 2ND AND 12TH AVENUES
NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

REV.	DESCRIPTION	DATE	DRN BY	CHK BY

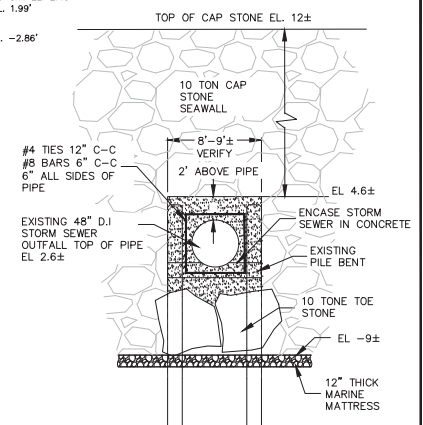
Ralph A. Petrella Jr.
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226

DRAWN BY	EOW	FIELD BK	ORDER No.	FILE No.	SHEET No.
CHECKED BY	BMP	PAGE	43611-	400-21	7



Outfall Pipe Profile (3rd Ave.)

- NOTES:**
- REMOVE EXISTING 48" D.I. OUTFALL INCLUDING PILES AND SUPPORT TIMBERS AS NECESSARY IN ORDER TO INSTALL NEW STEEL BULKHEAD, RECONNECT OUTFALL USING DUCTILE IRON SOLID GLEEVE, PIPE SHALL BE RESET ON PILE BENTS. ALL COSTS SHALL BE SEPARATE LUMP SUM BID ITEM.
 - CONTRACTOR SHALL REDIRECT FLOW AND IMPLEMENT TEMPORARY DRAINING MEASURES AS TO PREVENT BACKUP INTO STORM WATER SYSTEM AND EROSION ISSUES DURING CONSTRUCTION.



OUTFALL CONCRETE ENCASUREMENT DETAIL
NOT TO SCALE

TABLE OF STONE QUANTITIES

DESCRIPTION	CUBIC YARDS (CY)	CY (AHTL)	CY (BHTL)
MARINE MATTRESS STONE	2,753	2,752	1
1-3 TON SUB-LAYER STONE	4,769	7,769	0
10 TON CAP AND TOE STONE	20,695	20,695	0

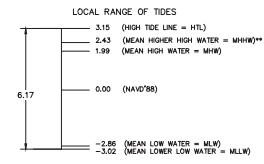
AREA OF EXCAVATION

DESCRIPTION	CUBIC YARDS (TOTAL)	CY (AHTL)	CY (BHTL)
BEACH EXCAVATION	54,000	53,599	401

CONCRETE QUANTITIES

DESCRIPTION	CUBIC YARDS (TOTAL)	CY (AHTL)	CY (BHTL)
CONCRETE CAP	971	971	0
CONCRETE ENCASUREMENT	4,152	4,152	0

NOTE: QUANTITIES ABOVE HIGH TIDE LINE (AHTL) AND BELOW HIGH TIDE LINE (BHTL) ARE BASED ON TOPOGRAPHY COMPLETED OCTOBER 2024.



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION 018539110 CAPE MAY NEW JERSEY'S TIDAL SPOOD DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD EL= 3.15 TIDE PREDICTED ON 10/16/2024
 **NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNINO PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.43'

VOLUME (AREA) OF EXCAVATION FOR SEAWALL

Cut/Fill Report

Generated: 11/26/2024 12:36
 By user: BPhyford
 Drawing: 43011 seawall Material Surfaces.dwg

Volume Summary

Name	Type	Excavation Volume	Full	Out Factor	Fill Factor	2d Area (Sq Ft)	Cut (Cu Yd)	Fill (Cu Yd)	Net (Cu Yd)
Excavation Volume	full	121571.96	1.000	1.000	121571.96	53879.10	6.02	53873.08	0.02

Totals

2d Area (Sq Ft)	Cut (Cu Yd)	Fill (Cu Yd)	Net (Cu Yd)
121571.96	53879.10	6.02	53873.08

* Value adjusted by out or fill factor other than 1.0

US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

van note-harvey
 division of pennino
 103 College Road East • Princeton, NJ 08540 • 609-987-2323
 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000
 www.vannoteharvey.com Certificate of Authorization No. 260243993208

3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT

NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

PLANNING SHOWING
 DRAWN BY: EOW FIELD BK: ORDER No. 43611-400-21
 CHECKED BY: BMP PAGE: FILE No. 400-21 SHEET No. 8

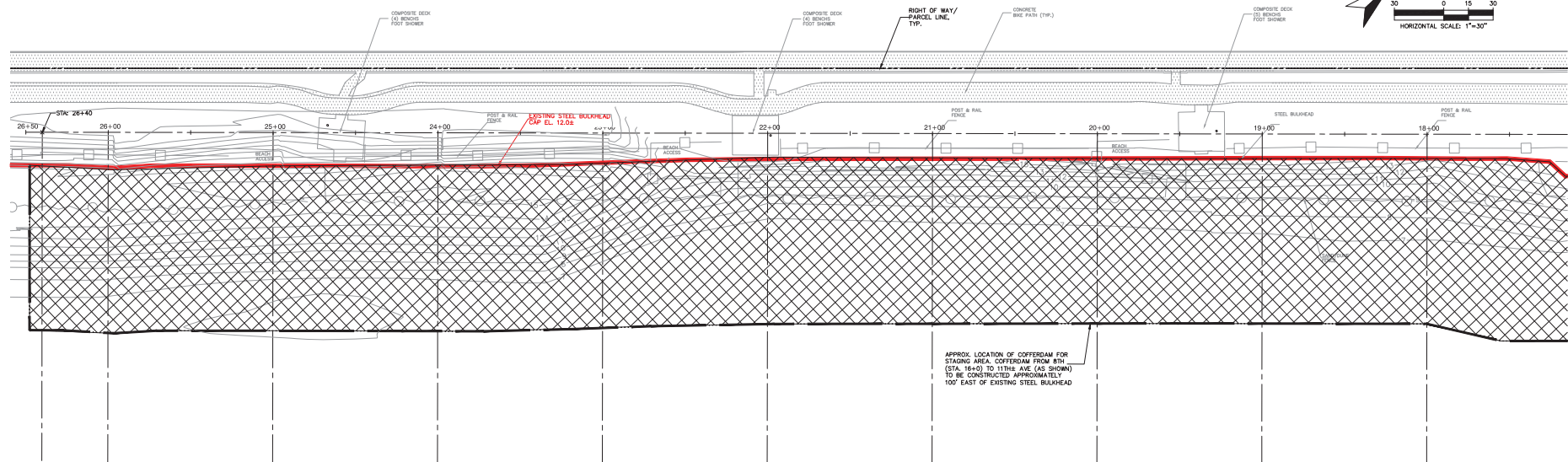
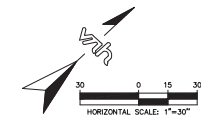
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226
 DATE OF SEAL: 4/04/2025

JFK BOULEVARD **BEACH DRIVE**

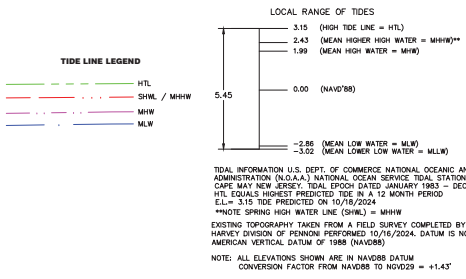
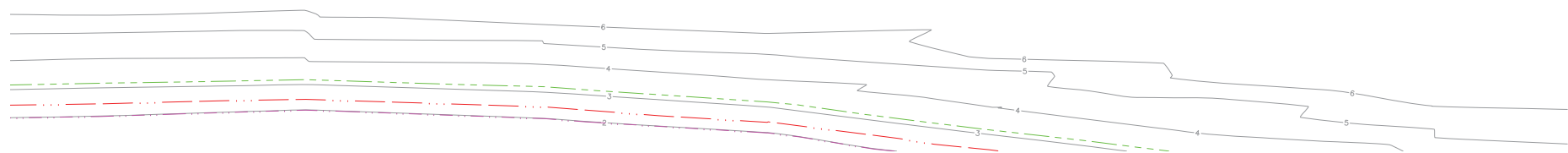
11TH AVENUE

10TH AVENUE

9TH AVENUE

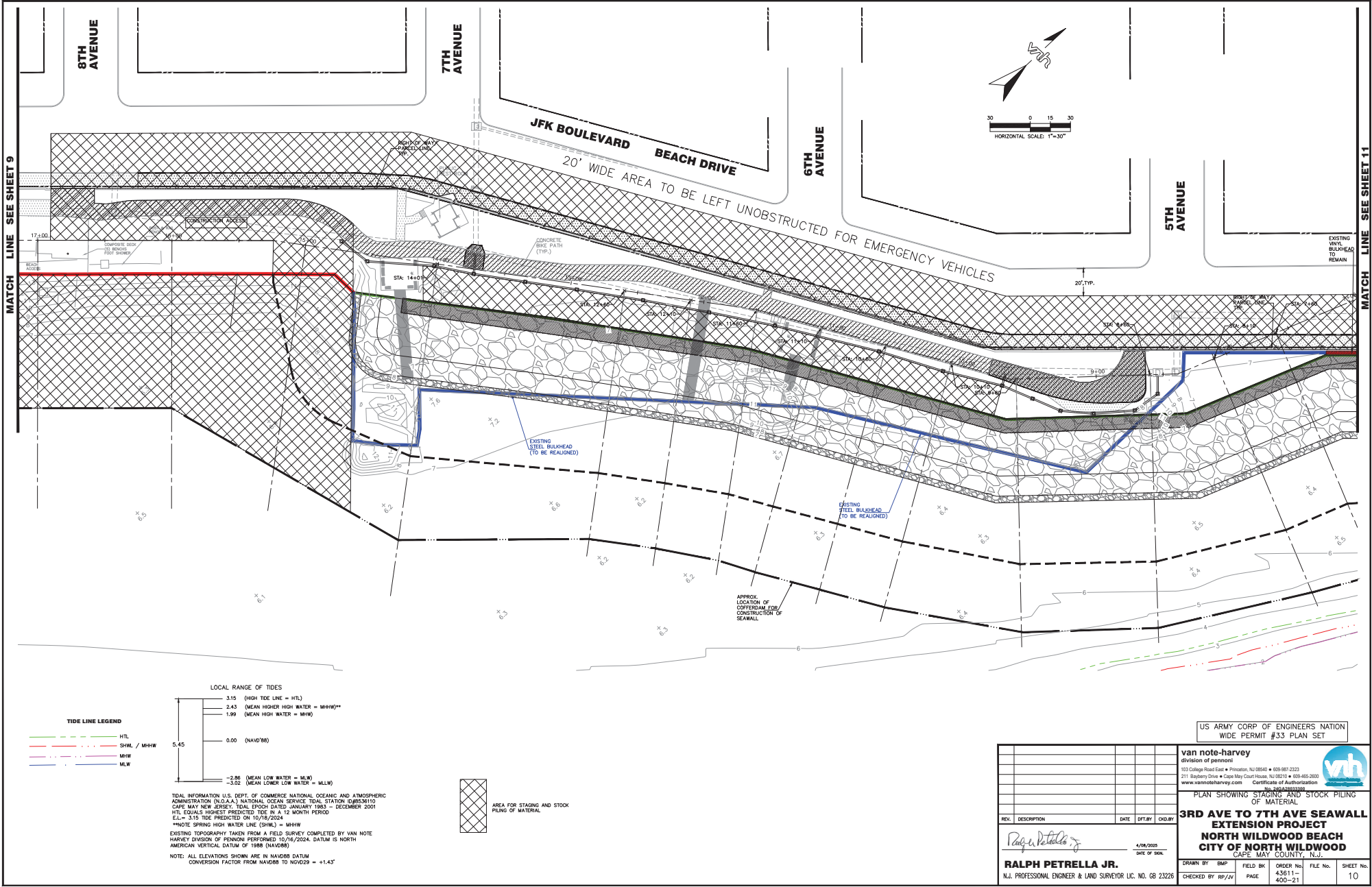


MATCH LINE SEE SHEET 7



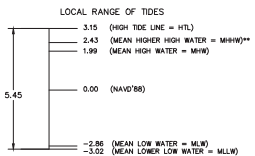
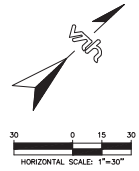
US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

<p>van note-harvey division of pennor</p> <p>103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000 www.vanoteharvey.com Certificate of Authorization No. 25028384300</p>			
<p>PLAN SHOWING STAGING AND STOCK PILING OF MATERIAL</p> <p>3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT</p> <p>NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.</p>			
<p>REV. DESCRIPTION DATE DATE BY</p> <p><i>Ralph Petrella Jr.</i></p> <p>RALPH PETRELLA JR. N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226</p>	<p>4/08/2025 DATE OF SOU.</p>	<p>DRAWN BY BNP CHECKED BY RP/JV</p>	<p>FIELD BK 43611-400-21 PAGE ORDER No. FILE No. 9</p>



MATCH LINE SEE SHEET 9

MATCH LINE SEE SHEET 11



TIDE LINE LEGEND

- HTL
- SHWL / MHWH
- MHW
- MLW

TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#856110 CAPE MAY NEW SURVEY, TOTAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD ELL = 3.15 TIDE PREDICTED ON 10/18/2024
 **NOTE SPRING HIGH WATER LINE (SHWL) = MHWH
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNSYLVANIA PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM
 CONVERSION FACTOR FROM NAVD88 TO NAVD29 = +1.43'

AREA FOR STAGING AND STOCK PILING OF MATERIAL

US ARMY CORP OF ENGINEERS NATION
 WIDE PERMIT #33 PLAN SET

REV.	DESCRIPTION	DATE	BY	CHK BY

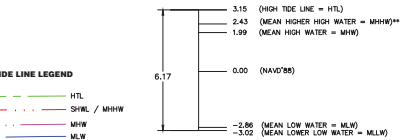
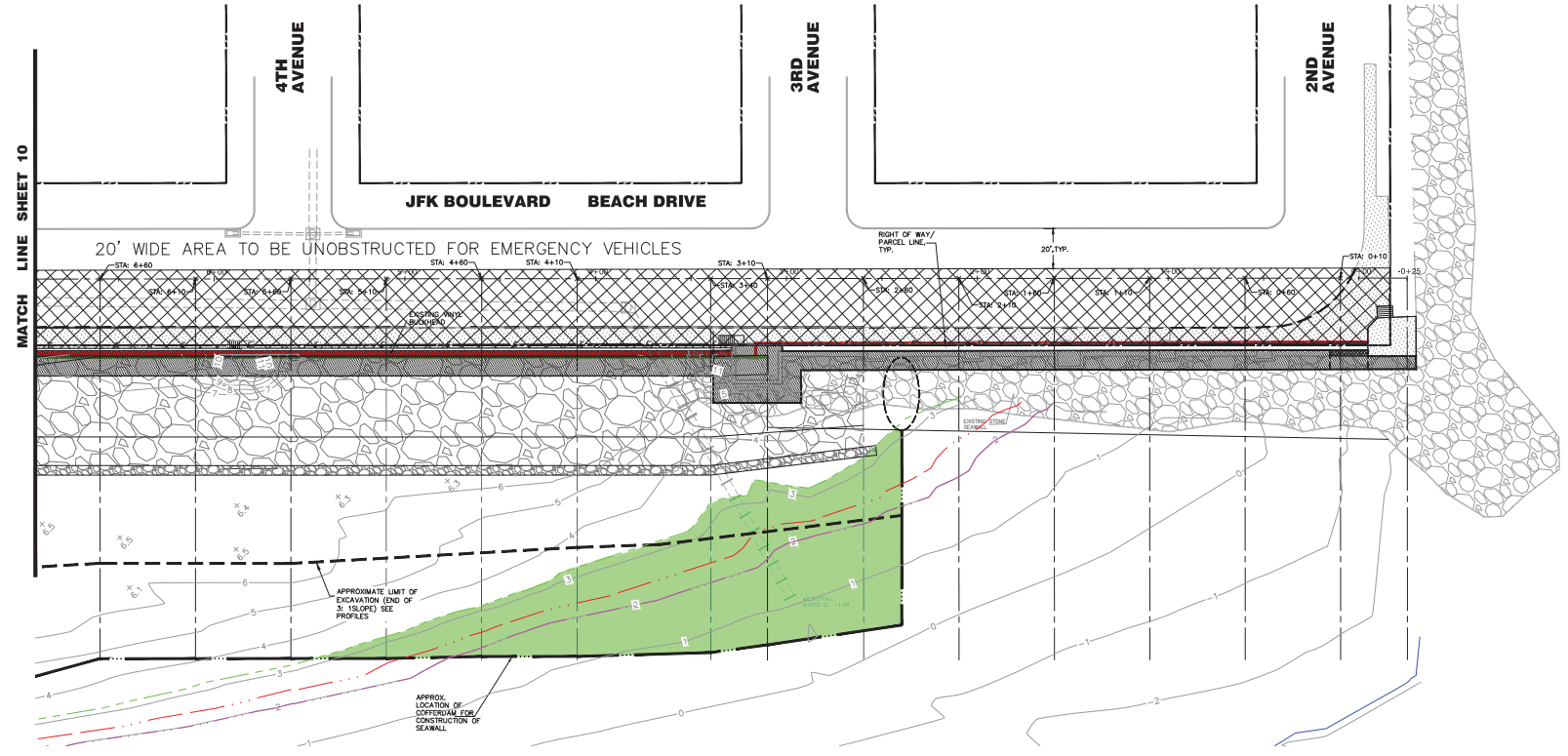
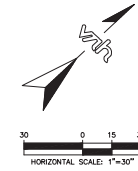
Ralph Petrella Jr.
 4/08/2025
 DATE OF SOU.
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226

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 division of permoval
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 www.vanoteharvey.com Certificate of Authorization
 No. 2024-0373708

PLAN SHOWING STAGING AND STOCK PILING OF MATERIAL

3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT
NORTH WILDWOOD BEACH
CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

DRAWN BY	BMP	FIELD BK	ORDER No.	FILE No.	SHEET No.
CHECKED BY	RP/JV	PAGE	43611-	400-21	10



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#853010 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD ELL = 3.15 TIDE PREDICTED ON 10/18/2024 **NOTE SPRING HIGH WATER (SHML) = MHHW EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNOM PERFORMED 10/19/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NAVD29 = -1.43'

TEMPORARY IMPACT TO WATERS OF THE UNITED STATES OF AMERICA UNDER NATION WIDE PERMIT #33 = 15,689 SQFT OR 0.36 ACRES

AREA FOR STAGING AND STOCK PILING OF MATERIAL

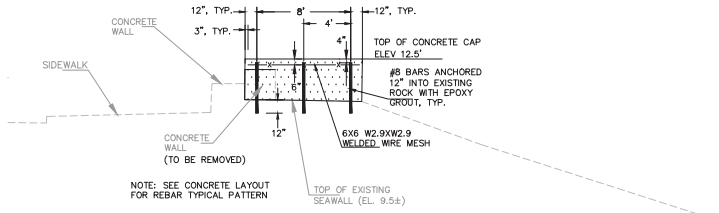
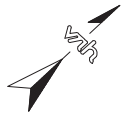
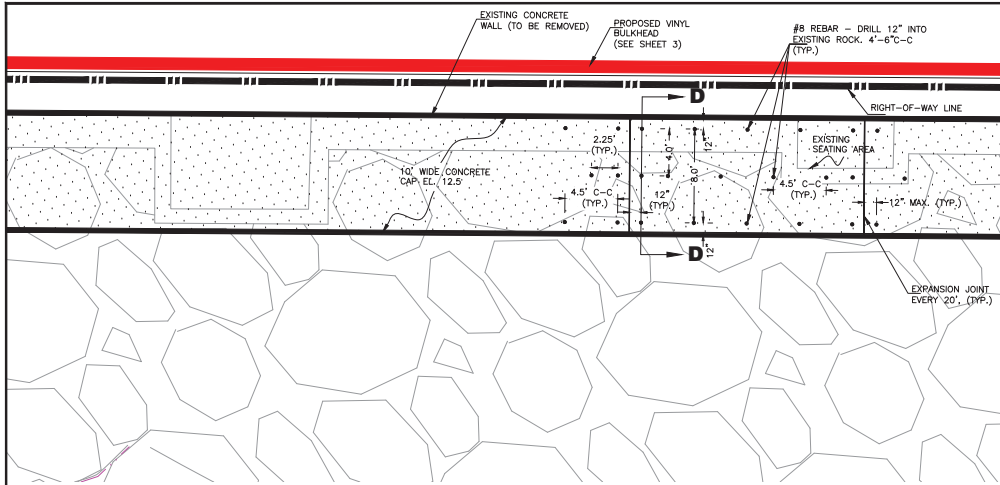
US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226
 DATE OF SEAL: 4/08/2025

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 division of pennom
 103 College Road East • Princeton, NJ 08540 • 609-987-2323
 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2600
 www.vannoteharvey.com Certificate of Authorization No. 250242337008

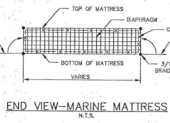
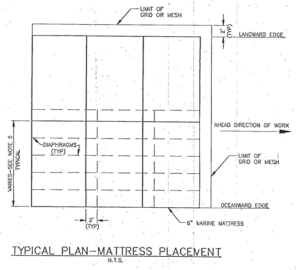
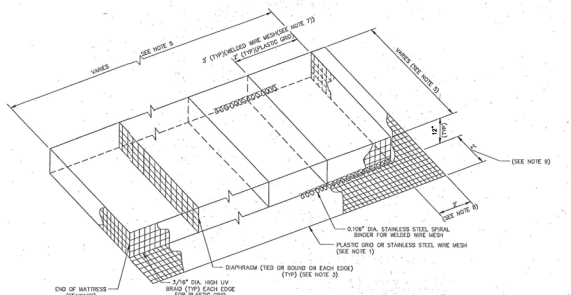
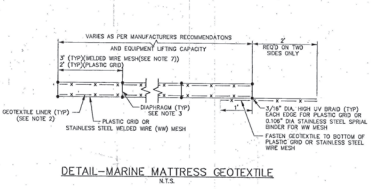
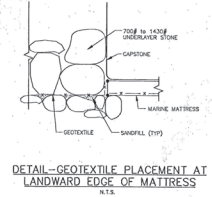
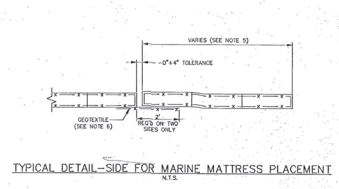
PLAN SHOWING STAGING AND STOCK PILING OF MATERIAL
3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT
NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD
 CAPE MAY COUNTY, N.J.

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CHECKED BY	RP/JV	PAGE	43611-400-21		11



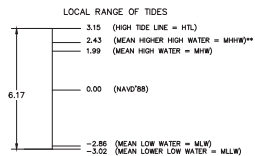
SECTION D-D
NOT TO SCALE

CONCRETE CAP LAYOUT
NOT TO SCALE



MARINE MATRESS
NOT TO SCALE

- NOTES**
1. GEOTEXTILE LINING NOT SHOWN FOR CLARITY.
 2. FASTEN GEOTEXTILE SECURELY TO PLASTIC GRID OR STAINLESS STEEL WIRE MESH. GEOTEXTILE SHALL BE CONTINUED UP TO THE BOTTOM OF THE BASKET.
 3. DAPHRAGM MAY BE CONNECTED USING 3/8\"/>



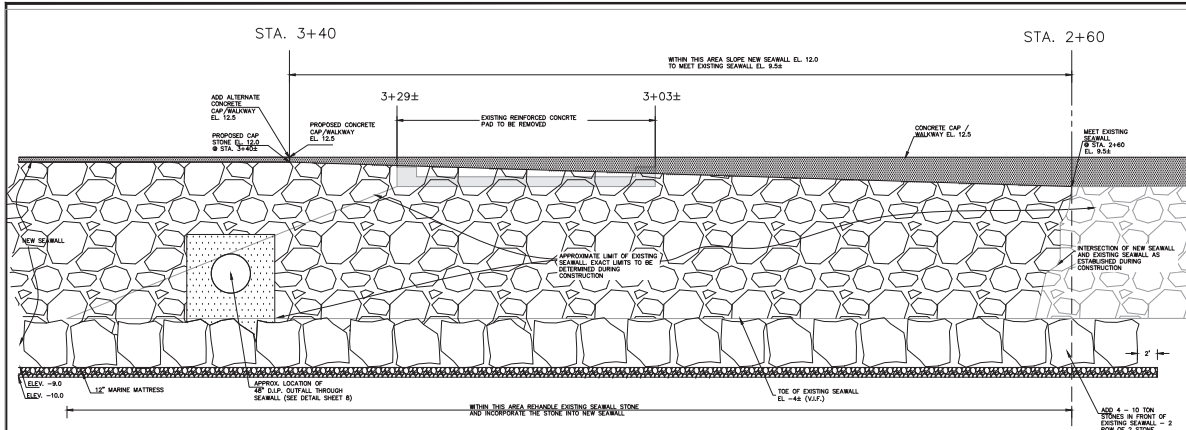
TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEANIC SERVICE TIDAL STATION 08836110 CAPE MAY NEW JERSEY TIDAL SPOOD DATED JANUARY 1987 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD EL = 3.15 TIDE PREDICTED ON 10/16/2024
**NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNING PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NGVD29 = +1.47'

US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

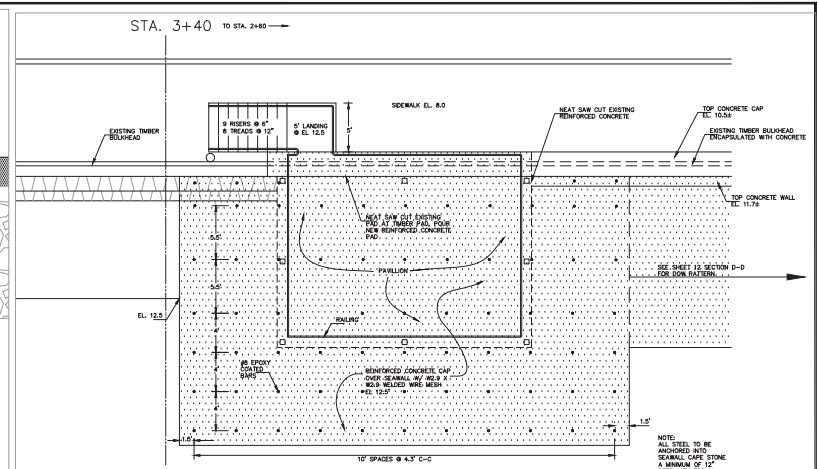
		3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT	
113 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000 www.vannoteharvey.com		NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.	
REV. DESCRIPTION DATE DPLBY CDRBY	DATE OF SOU.	ORDER No. 43611-400-21	SHEET No. 12

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 CHECKED BY: BMP
 FIELD BK: PAGE
 ORDER No. 43611-400-21
 FILE No. 43611-400-21
 SHEET No. 12

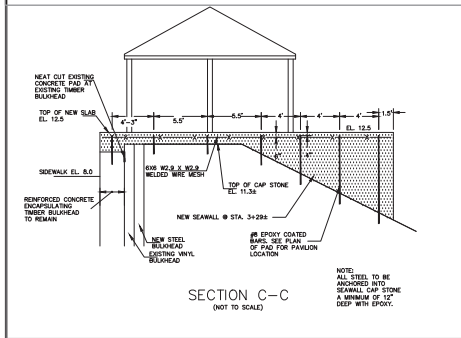
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226



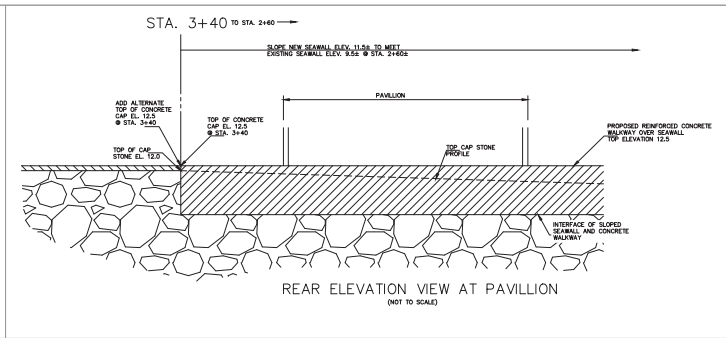
ELEVATION VIEW AT INTERSECTION OF NEW AND EXISTING SEAWALL (NOT TO SCALE)



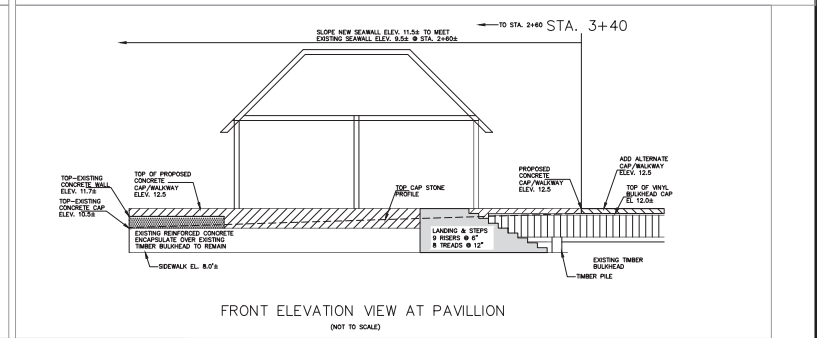
PLAN OF PAD FOR PAVILION (NOT TO SCALE)



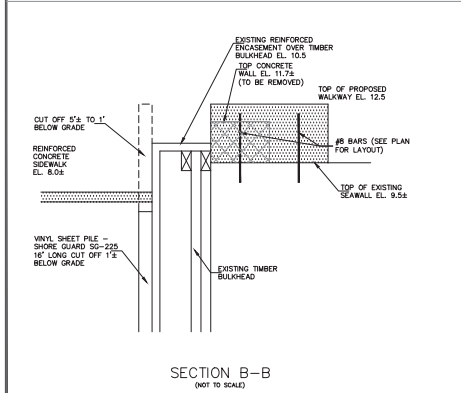
SECTION C-C (NOT TO SCALE)



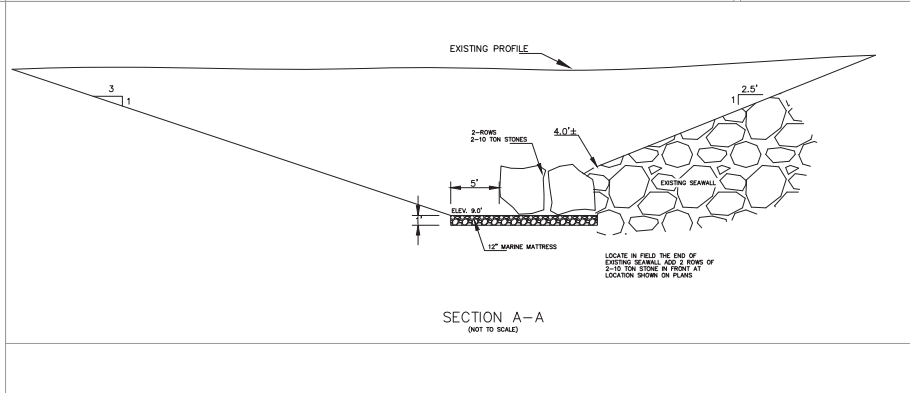
REAR ELEVATION VIEW AT PAVILION (NOT TO SCALE)



FRONT ELEVATION VIEW AT PAVILION (NOT TO SCALE)



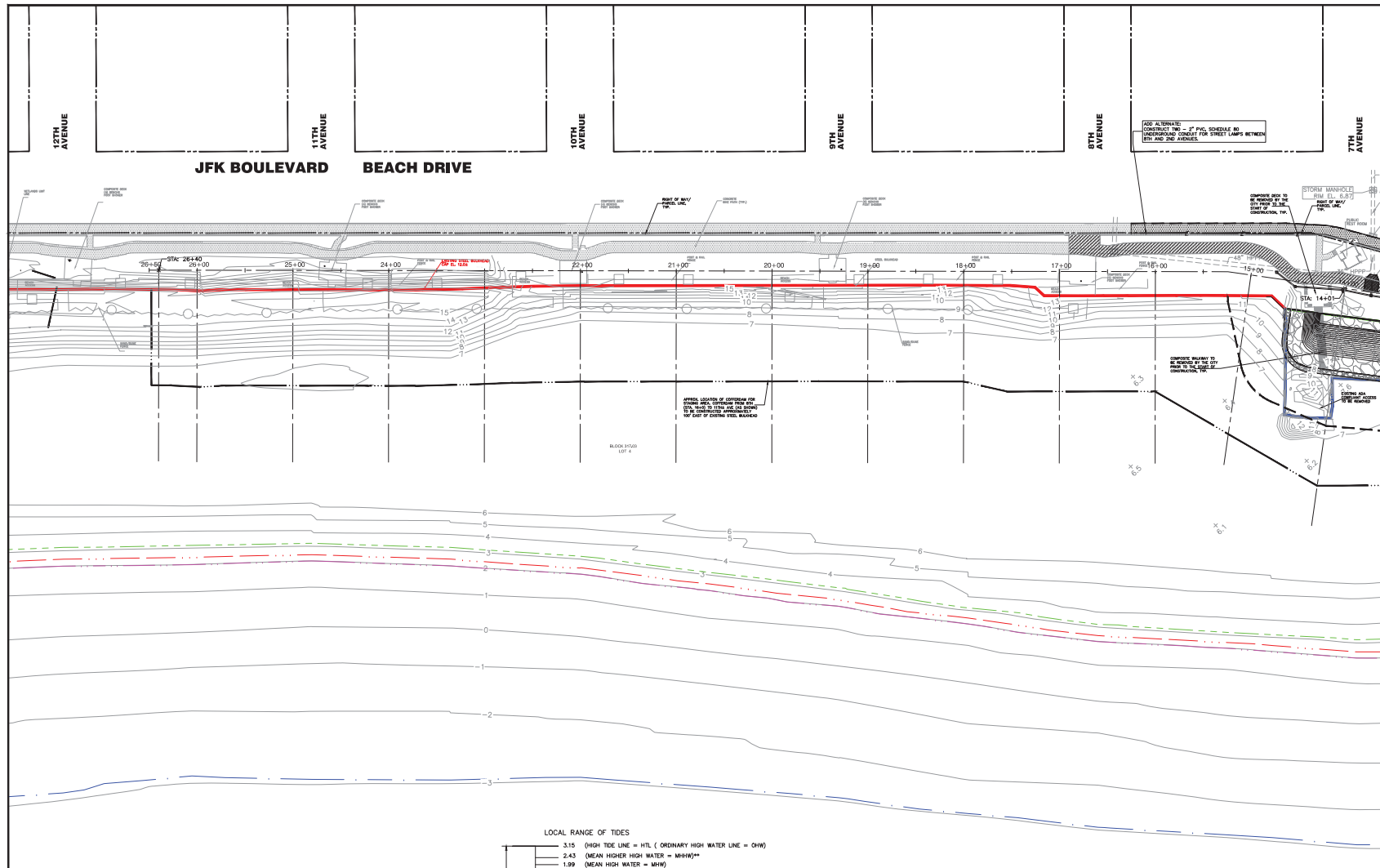
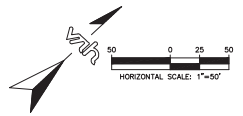
SECTION B-B (NOT TO SCALE)



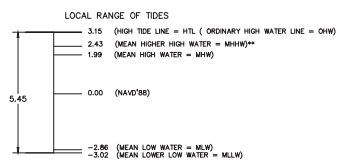
SECTION A-A (NOT TO SCALE)

US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

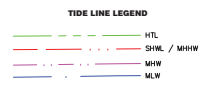
van note-harvey division of pennoni 103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000 www.vannoteharvey.com Certificate of Authorization No. 202420033000			
DETAILS FOR 3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.			
REV. DESCRIPTION DATE DPT. BY CDR. BY RALPH PETRELLA JR. N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226	DATE OF SOOL. 4/18/2025	DRAWN BY EOW ORDER NO. 43611-400-21 CHECKED BY BNP PAGE 13	FILE NO. 43611-400-21 FILE No. 13



MATCH LINE SHEET 15

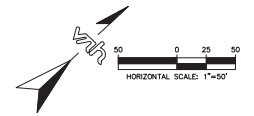


TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) NATIONAL OCEAN SERVICE TIDAL STATION ID#8536110 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD E.L. = 3.15 TIDE PREDICTED ON 10/18/2024
 **NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNONT PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM
 CONVERSION FACTOR FROM NAVD88 TO NVD029 = +1.43'

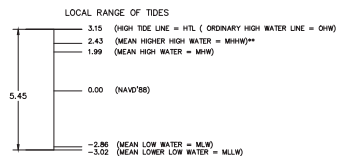
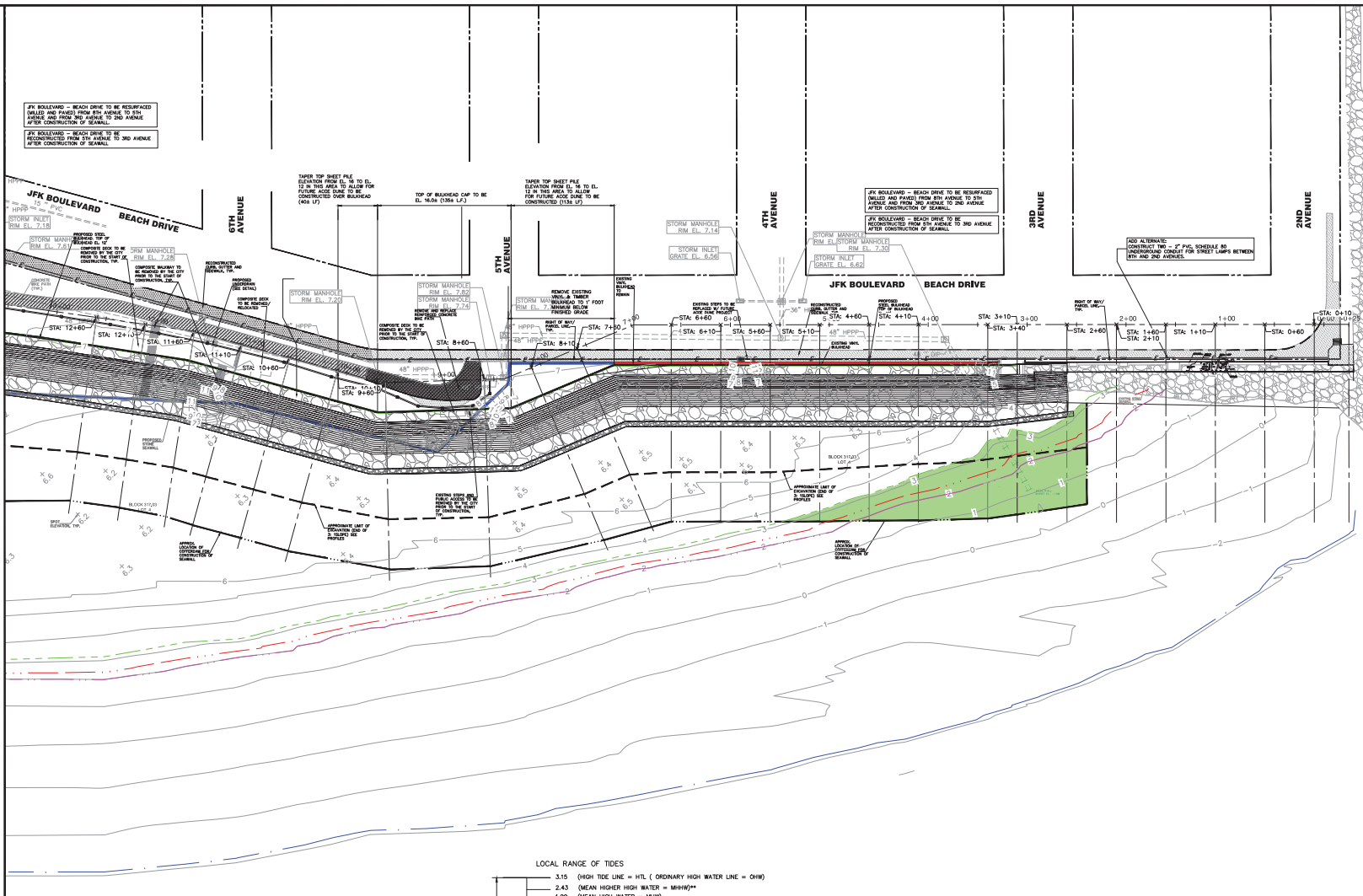


US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

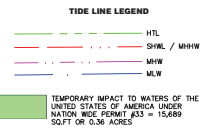
van note-harvey division of pennont 113 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2600 www.vanoteharvey.com Certificate of Authorization No. 2054200331006				
PLAN SHOWING TIDAL LINES 3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.				
REV. DESCRIPTION DATE DPT. BY CND. BY RALPH PETRELLA JR. N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226	DATE OF SOIL: 4/08/2025	DRAWN BY: BMP CHECKED BY: RP/JW FIELD BK: 43611-400-21 PAGE:	ORDER No. 43611-400-21 FILE No. 14	SHEET No. 14



MATCH LINE SHEET 14



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), NATIONAL OCEAN SERVICE TIDAL STATION ID#8526110 CAPE MAY NEW JERSEY. TIDAL SPICH DATED JANUARY 1983 - DECEMBER 2001 HTL EQUALS HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD EL = 3.15 TIDE PREDICTED ON 10/16/2024
 *NOTE SPRING HIGH WATER LINE (SHWL) = MHHW
 EXISTING TOPOGRAPHY TAKEN FROM A FIELD SURVEY COMPLETED BY VAN NOTE HARVEY DIVISION OF PENNOM PERFORMED 10/16/2024. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 NOTE: ALL ELEVATIONS SHOWN ARE IN NAVD88 DATUM CONVERSION FACTOR FROM NAVD88 TO NVD029 = +1.45'



US ARMY CORP OF ENGINEERS NATION WIDE PERMIT #33 PLAN SET

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 division of pennom

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PLAN SHOWING TIDAL LINES

3RD AVE TO 7TH AVE SEAWALL EXTENSION PROJECT

NORTH WILDWOOD BEACH CITY OF NORTH WILDWOOD

CAPE MAY COUNTY, N.J.

DRAWN BY: *Ralph Petrella* DATE OF SOU: 4/04/2025
RALPH PETRELLA JR.
 N.J. PROFESSIONAL ENGINEER & LAND SURVEYOR LIC. NO. GB 23226

REV.	DESCRIPTION	DATE	BY	CHKD BY

DRAWN BY	BMP	FIELD BK	ORDER No.	FILE No.	SHEET No.
CHECKED BY	RP/JV	PAGE	43611-400-21	15	15