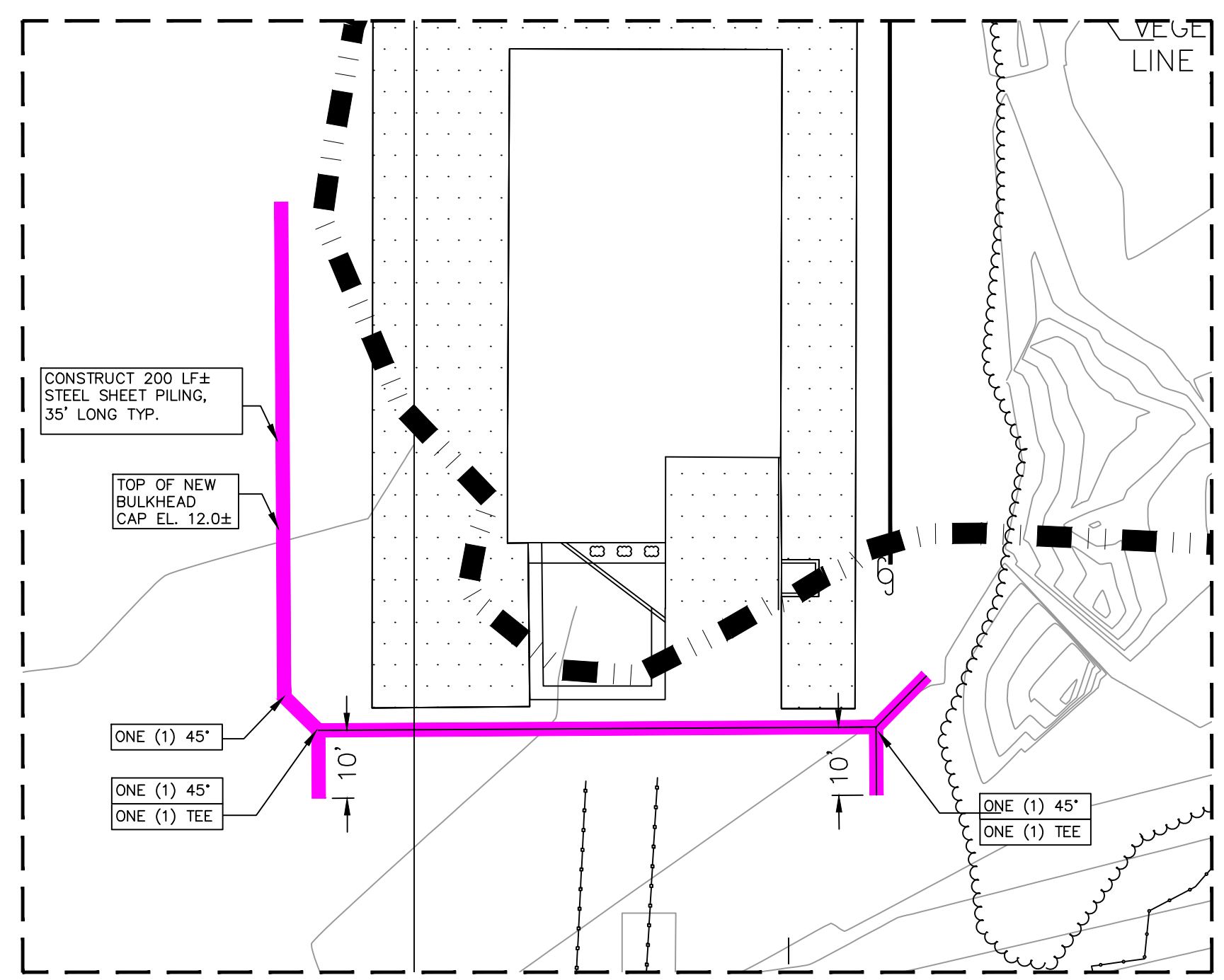


TYPICAL BULKHEAD DETAIL
NOT TO SCALE



ENLARGEMENT OF BULKHEAD
HORIZONTAL SCALE: 1"=20'

CF-TEE
Yes, Corner (-45° to -135°)
www.pilepro.com

Applications:
1. Connecting three sheet piling walls.
2. 90° corner connection with swivel range of +45° to -135°.

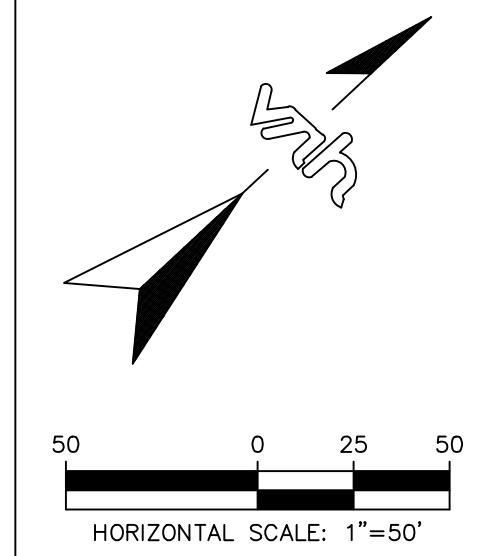
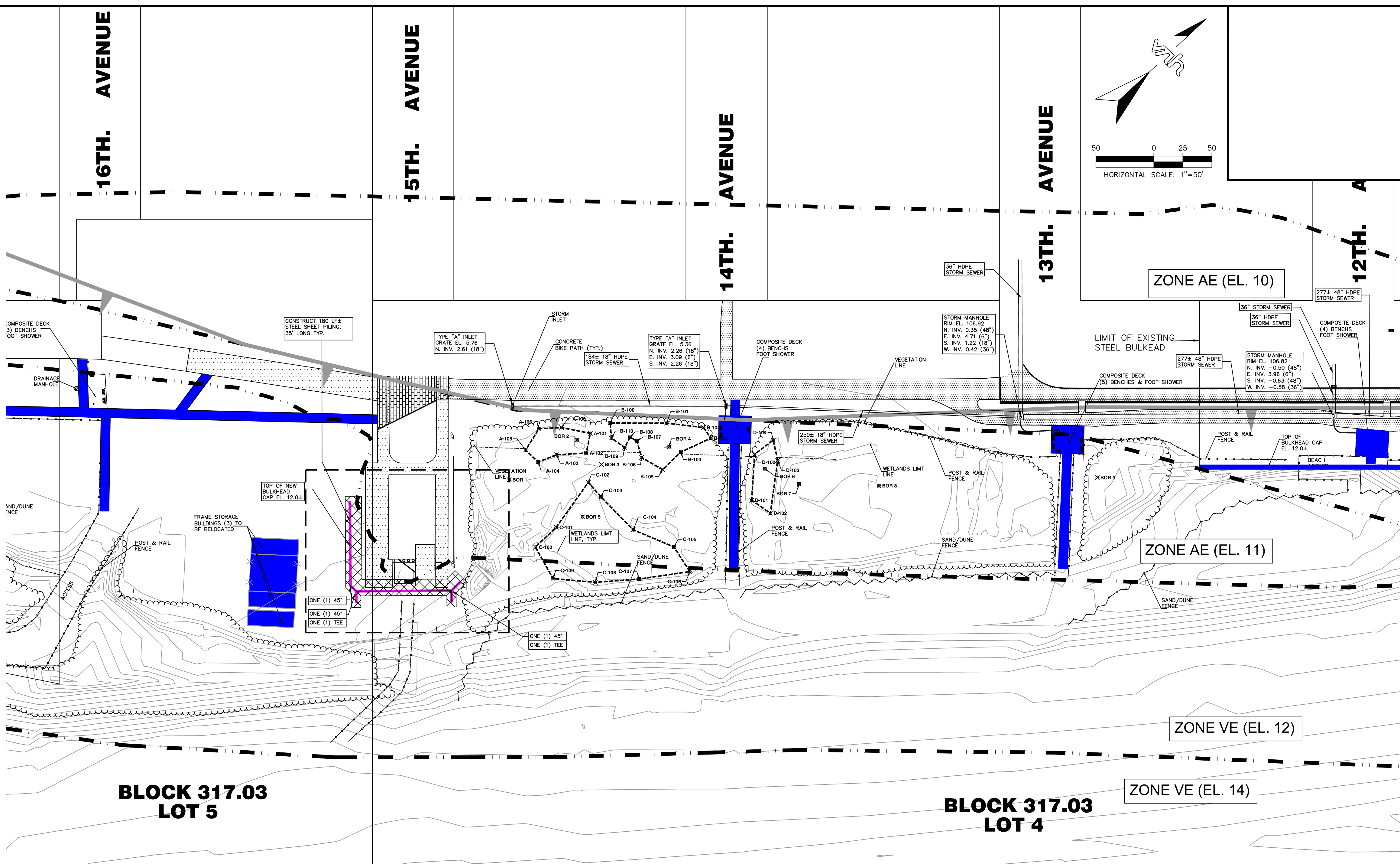
Typical Properties:
Steel grade: ASTM A572 Grade 50 (535 MPa)
Weight per linear foot: 17.2 pounds

CAD-Service:
Downloads of data sheets and CAD files are available at www.pilepro.com.

Certificate:

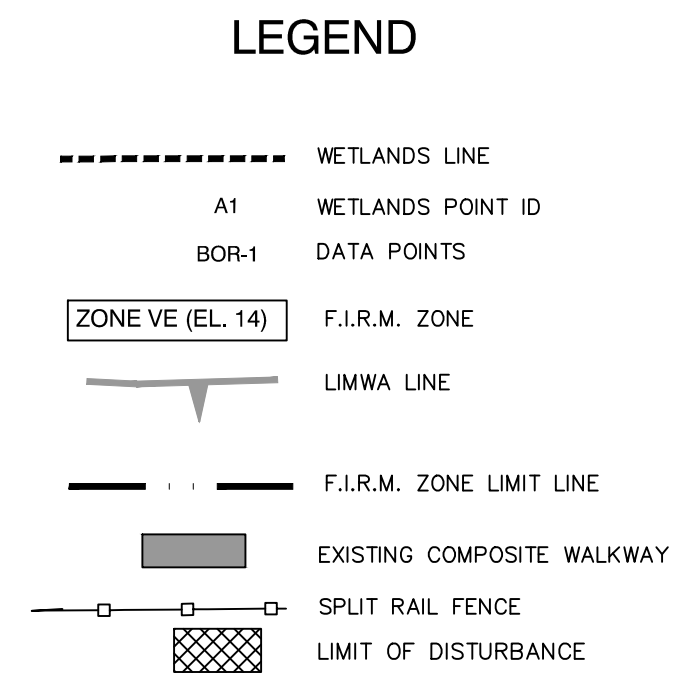
Installation Guidelines:
1. Please review proper interlocking examples as shown.
2. Thread the connector into the interlock while the sheet pile is out of the ground.
3. Adjust the connector to the appropriate position.
4. Tack or spot weld the connector in place. (Optimally a 1/2" weld attaching the connector to the sheet pile at the top is sufficient).
5. Disinfect the sheet with the connector attached as you would normally.

Please note:
1. Swivel or rotation is not typical but can vary by 10° or more due to rilling tolerances bearing in sheet pile interlocks.
2. PilePro® connectors are protected by patents.



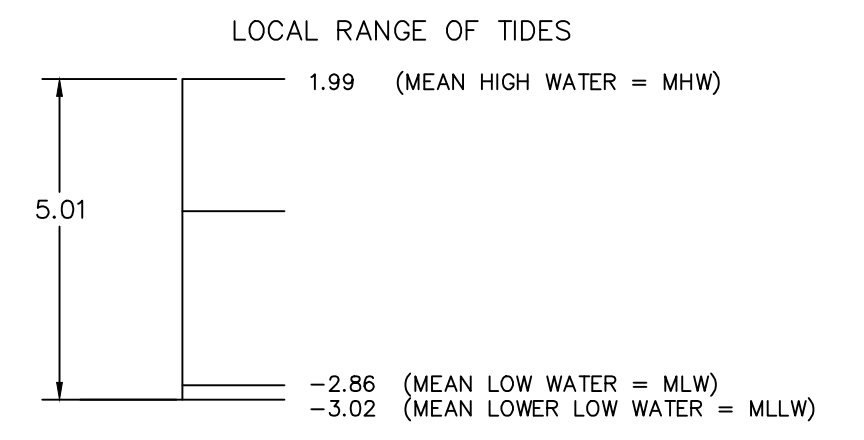
BLOCK 317.03 LOT 5

BLOCK 317.03 LOT 4



- NOTES:**
- LOCATIONS AND ELEVATIONS SHOWN HEREON WERE TAKEN FROM GPS OBSERVATIONS PERFORMED 6-08-2023 REFERENCING NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NCCORS) CORS ID NJCM PID D13828 VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (GEOID128)
 - WETLANDS POINTS: INTERDUNAL WETLAND POINT A-100 THRU 106, B-100 THRU B-110, C-100 THRU C-109 AND D-100 THRU D-104 ALONG WITH DATA POINTS BOR-1 THRU BOR-9 SHOWN HERE ON WERE FILED DELINEATED BY LOMAX CONSULTING GROUP ON 3/30/2023 AND FIELD LOCATED OCTOBER 2013 BY VAN NOTE HARVEY, A DIVISION OF PENNONI ON 4/06/2023. (WETLANDS HAVE NOT BEEN VERIFIED BY N.J.D.E.P.)
 - REFER TO FEMA FLOOD INSURANCE RATE MAP(S) (F.I.R.M.) NUMBER 34009C0306P EFFECTIVE DATE OCTOBER 5, 2017 AND MAP NUMBER 34009C0243F EFFECTIVE DATE OCTOBER 5, 2017 FOR F.I.R.M. LIMIT LINES, ZONES AND LIMIT OF MODERATED WAVE ACTION LINE (LIMWA).
 - TAX MAP INFORMATION BLOCK 317.03 LOT 4 AND LOT 5 (WHEN NEXT REVISED)
 - REFER TO "PLAN OF SUBDIVISION FOR: LANDS OF THE CITY OF NORTH WILDWOOD BLOCK 317.03 LOTS 1 AND 1.01 (TAX MAP NUMBERS) CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J." DATED 3/29/2023 AND UNREVISED FILED IN THE OFFICE OF THE CAPE MAY COUNTY CLERK ON 5/18/2023 AS MAP NO. 14211.
 - = TO BE AUTHORIZED UNDER A SEPARATE PERMIT APPLICATION (NJDEP FILE NO : 0507-03-0009.6)

TABLE OF PROPOSED NJDEP REGULATED DISTURBANCES	PROPOSED EMERGENCY BULKHEAD
DISTURBANCE TO CAFA AREA UNDER INDIVIDUAL PERMIT	2,587 SQ.FT. (0.0594 ACRES)



TIDAL INFORMATION U.S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (N.O.A.A.) NATIONAL OCEAN SERVICE TIDAL STATION ID#536110 CAPE MAY NEW JERSEY. TIDAL EPOCH DATED JANUARY 1983 - DECEMBER 2001 SHW, EQUALS AVERAGE OF THE HIGHEST PREDICTED TIDE FOR EACH MONTH IN A 12 MONTH PERIOD EL = 2.67 HTL EQUALS THE HIGHEST PREDICTED TIDE IN A 12 MONTH PERIOD EL = 2.98 PREDICTED ON 7/04/2023, 8/03/2023 AND 8/31/2023

van note-harvey associates, inc.
consulting engineers, planners & land surveyors
103 College Road East • Princeton, NJ 08540 • 609-987-2323
211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-465-2600
www.vannoteharvey.com Certificate of Authorization No. 246A29271300

PLAN OF PROPOSED EMERGENCY BEACH FRONT BULKHEAD AT LIFEGUARD BUILDING CITY OF NORTH WILDWOOD CAPE MAY COUNTY, N.J.

1	REVISE ARE OF DISTURBANCE CHART	9/21/23	BMP	JWV
REV.	DESCRIPTION	DATE	DFT.BY	CKD.BY

Ralph Petrella Jr. 09/20/2023
DATE OF SIGN.

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

DRAWN BY	DMH	FIELD BK	ORDER No.	FILE No.	SHEET No.
CHECKED BY	RP/JWV	PAGE	46006-400-21		1/2