PUBLIC NOTICE

US Army Corps of Engineers®

Applicant:
Matthew Kuiken
Kuiken Brothers

Published: August 28, 2025
Expires: September 27, 2025

New York District
Permit Application No. NAN-2025-00560-MMI

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

APPLICANT: Matthew Kuiken
Kuiken Brothers
6-02 Fairlawn Avenue
Fair Lawn, New Jersey 07410

AGENT: Frank Rossi
Boswell Engineering
330 Phillips Avenue
South Hackensack, New Jersey 07310

WATERWAY AND LOCATION: Newark Bay - 476-502 Doremus Avenue, City of Newark, Essex County, New Jersey

EXISTING CONDITIONS: The property is located in a highly developed industrial use area along the western bank of Newark Bay. The upland site consists of four (4) industrial buildings, asphalt parking lots, and two (2) railroad sidings. Along the waterfront exists a dilapidated storm damaged pile supported wharf structure. The project area is located within the Diamond Alkali Superfund Cleanup, Lower Passaic River Remediation Project – OU2.

PROJECT PURPOSE: Construct a new wharf structure for loading and unloading of break-bulk cargo.

PROPOSED WORK: The applicant requests authorization to remove the existing deteriorated wharf structures and construct a new approximately 58-foot-wide by 96-foot-long pile supported platform. The platform would be supported by approximately seventy-six (76) 12-inch diameter steel pipe piles filled with concrete. Approximately 96-linear feet of steel sheet pile bulkhead would be installed beneath the platform along the edge of the existing riprap. An approximately 761 square foot area behind the bulkhead would be backfilled with clean granular fill.

AVOIDANCE AND MINIMIZATION: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment: Applicant will utilize a turbidity curtain around the project area to minimize the spread of turbidity in the waterway. Additionally, a soft-start will be utilized during pile driving to minimize impacts to aquatic species in the project area.

COMPENSATORY MITIGATION: The applicant has provided the following explanation why compensatory mitigation should not be required: There is not permanent loss of wetlands associated with the proposed project. Permanent impacts due to pile installation is below 0.1 acre threshold.

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

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

ENDANGERED SPECIES: The Corps has performed an initial review of the application, the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), National Marine Fisheries Service (NMFS) Greater Atlantic Region Section 7 Mapper, and the NMFS Critical Habitat Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur within the boundary of the proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project may affect species and critical habitat listed in Table 1. No other ESA-listed species or critical habitat will be affected by the proposed action.

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

Common Name	Scientific Name	Status	Agency
Monarch Butterfly	*Danaus plexippus*	Proposed Threatened	USFWS
Tricolored Bat	*Perimyotis subflavus*	Proposed Endangered	USFWS
Atlantic Sturgeon	*Acipenser oxyrinchus oxyrinchus*	Endangered	NMFS

Shortnose Sturgeon	*Acipenser brevirostrum*	Endangered	NMFS

This notice serves as request to the U.S. Fish and Wildlife Service and National Marine Fisheries Service for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

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

The Corps intends to initiate Essential Fish Habitat (EFH) consultation separately from this public notice. A separate EFH consultation package will be sent to the National Marine Fisheries Service (NMFS). The Corps will not make a permit decision until the consultation process is complete.

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

NAVIGATION: Based on the New Jersey State Plane coordinates provided by the applicant, the waterward edge of the proposed structure is approximately 70 feet away from the near bottom edge of the Passaic River federal channel.

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

WATER QUALITY CERTIFICATION: 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 or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

COASTAL ZONE MANAGEMENT ACT: Pursuant to Section 307 (c) of the Coastal Zone Management Act 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. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New Jersey State, the applicant's certification and accompanying information is available from the New Jersey Department of Environmental Protection, Coastal Management Program, P.O. Box 418, 401 E. State Street, Trenton, NJ, 08625, Telephone (609) 633-2201. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

OTHER AUTHORIZATIONS: 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 Jersey Department of Environmental Protection

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

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

COMMENTS: The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New York District will receive written comments on the proposed work, as outlined above, until the expiration date of this public notice. Comments should be submitted electronically via the Regulatory Request System (RRS) at https://rrs.usace.army.mil/rrs or to Christopher Minck at Christopher.W.Minck@usace.army.mil. Please refer to the permit application number in your comments.

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

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.

In order for us to better serve you, please complete our Customer Service Survey located at https://www.nan.usace.army.mil/Missions/Regulatory/Customer-Survey/.

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

R. Miranda Digitally signed by Rosita Miranda

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

USACE FILE: NAN-2025-00560-MMI

SITE PLAN
EXISTING WHARF RECONSTRUCTION

BLOCK 5070 LOT 24.01

CITY OF NEWARK
ESSEX COUNTY, NEW JERSEY

PROPERTY OWNERS
WITHIN 200 FT.

BLOCK 5060 LOT 1 C1101
1114 NEWARK SPE LLC
517–605 DOREMUS AVENUE
NEWARK, N.J. 07105

BLOCK 5060 LOT 1 C1102
1114 NEWARK URBAN RENEWAL LTD
400 PLAZA DRIVE
SECAUCUS, N.J. 07094–3605

BLOCK 5060 LOT 1 C1103
1114 NEWARK URBAN RENEWAL LTD
400 PLAZA DRIVE
SECAUCUS, N.J. 07094–3605

BLOCK 5060 LOT 1 CE
601 DOREMUS AVENUE CONDOMINIUM ASSOC.
601 DOREMUS AVENUE
NEWARK, N.J. 07105

BLOCK 5060 LOT 2
LIT–481 DOREMUS LLC
1 KIMBERLY ROAD
EAST BRUNSWICK, N.J. 08816–2035

BLOCK 5060 LOT 154
CPT OPERATING PARTNERSHIP L.P.
621 NW 53RD ST STE 700
BOCA RATON, FL. 33487–8242

BLOCK 5070 LOT 13
SUNOCO, PARTNERS MARKETING & TERMIN
1900 DARLOCK ROAD
ROWLETT, TEXAS 75088–5526

BLOCK 5070 LOT 25
McKESSON CORP.
POST OAK BOULEVARD #4200
HOUSTON, TEXAS 77056–6139

BLOCK 5070 LOT 40
CONRAIL
110 FRANKLIN ROAD SE
ROANOKE, VA. 24042–0028

BLOCK 5070 LOT 41
DOREMUS AVE RECYCLING AND TRAN
300 FRANK W. BURR BOULEVARD #39
TEANECK, N.J. 07666

BLOCK 5070 LOT 49
DARLING INTERNATIONAL INC
5601 N MACARTHUR BOULEVAED
IRVING, TEXAS 75038

PUBLIC UTILITIES

GAS: PUBLIC SERVICE ELECTRIC AND GAS (GAS)
ELECTRIC: PUBLIC SERVICE ELECTRIC AND GAS (ELECTRIC)
MANAGER, CORPORATE PROPERTIES
80 PARK PLAZA, T6B
NEWARK, NEW JERSEY 07102

WATER: DEPARTMENT OF WATER AND SEWER
920 BROAD STREET, ROOM B–31F
NEWARK, NEW JERSEY 07102

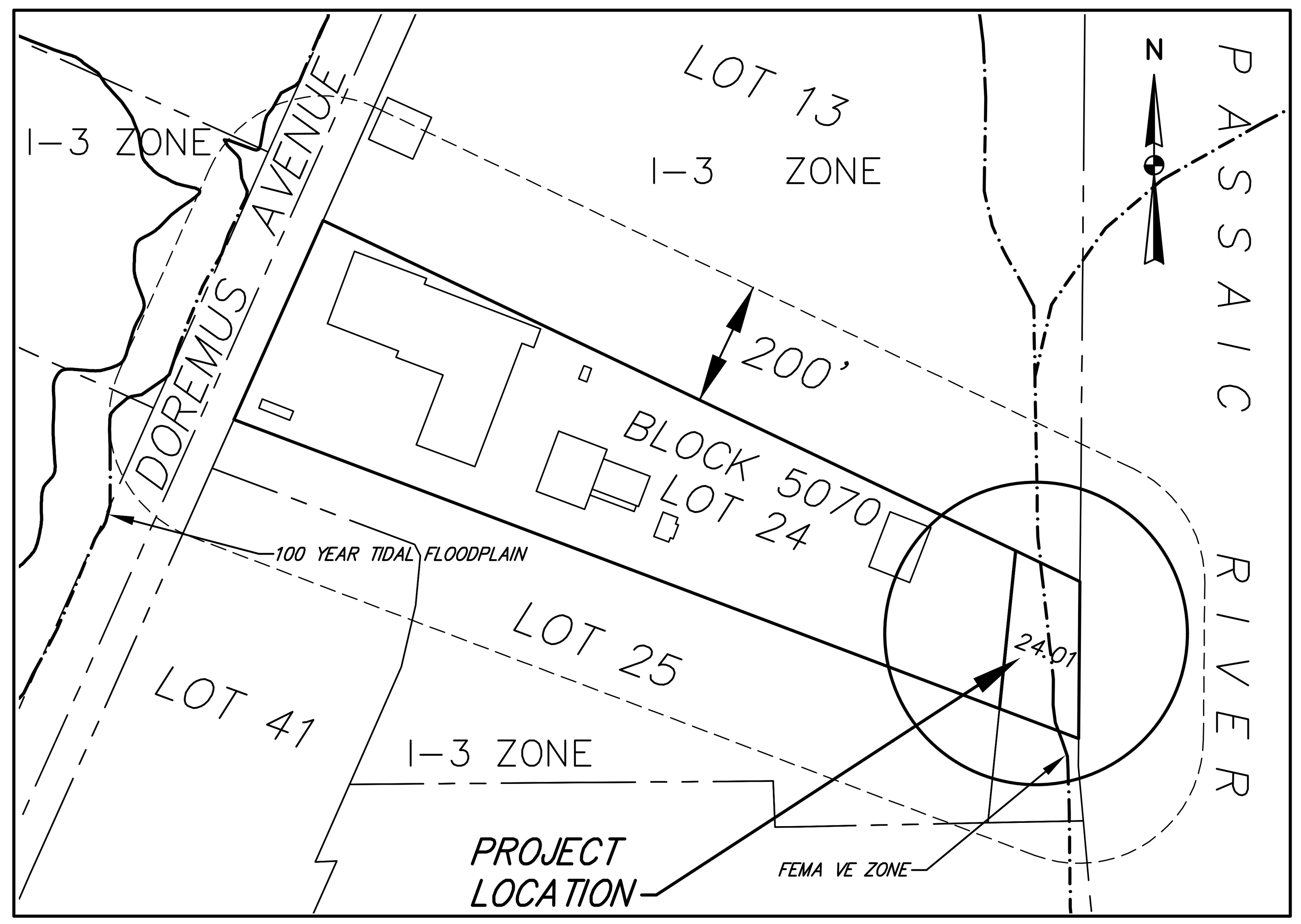
CABLE: ALTICE USA/CABLEVISION
NEW JERSEY NORTH CONSTRUCTION DEPARTMENT
40 POTASH ROAD
OAKLAND, NEW JERSEY 07438

TELEPHONE: VERISON
6000 HADLEY ROAD
SOUTH PLAINFIELD, NEW JERSEY 07080

PIPELINE: SUNOCO PIPELINE L.P.
RIGHT OF WAY DEPARTMENT
MONTELLO COMPLEX
525 FRITZTOWN ROAD
SINKING SPRING, PA. 19608

TRANSCONTINENTAL GAS PIPELINE CO.
P.O. BOX 2400, MD 46–4
TULSA, OKLAHOMA 74102

COLONIAL PIPE LINE CO.
1185 SANCTUARY PARKWAY, SUITE 100
ALPHARETTA, GEORGIA 30004



LOCATION MAP
SCALE: 1"=200'

JOB NO. 16–124
AUGUST 2023

NOTE:
FLOOD INFORMATION SHOWN AS TAKEN FROM A MAP ENTITLED, "FIRM, FLOOD INSURANCE RATE MAP, ESSEX COUNTY, NEW JERSEY PANEL 159 OF 200, MAP NUMBER 34013C0159G, PRELIMINARY MAY 30, 2014 AND PANEL 178 OF 200, MAP NUMBER 34013C0178G, PRELIMINARY MAY 30, 2014, MAP REVISED. FEDERAL EMERGENCY MANAGEMENT AGENCY.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS SURVEY
3	SITE PLAN
4	SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
5	STRUCTURAL GENERAL PLAN
6	STRUCTURAL TYPICAL SECTIONS
7	STRUCTURAL PILE AND PILE CAP DETAILS
8	STRUCTURAL DECK PLANK DETAILS
9	STRUCTURAL WALL DETAILS
10	STRUCTURAL MISCELLANEOUS DETAILS
11	ENVIRONMENTAL PERMITTING PLAN

FLOOD ZONE INFORMATION NOTE:

THE APPROVED 100 YEAR FLOOD ELEVATION IS 9' (NAVD 88) AS PER FLOOD INSURANCE RATE MAP (FIRM) ESSEX COUNTY, NEW JERSEY, PANEL 159 OF 200, MAP NUMBER 34013C0159F.
EFFECTIVE DATE: JUNE 04, 2007

RAIL OPERATION NOTE:

THE SITE WILL RECEIVE RAIL CARS PREDOMINANTLY OF LUMBER, DRYWALL AND OTHER BUILDING MATERIALS. UPON ENTERING THE SITE THE LOCOMOTIVE WILL GUIDE THE CARS ALONG THE SPUR WITH RAILROAD PERSONNEL ON FOOT IN FRONT OF, AND BEHIND THE MOVING RAIL CARS. THEY WILL EXIT THE SITE IN THE SAME FASHION. WHILE ON SITE, PRODUCT WILL BE UNLOADED FROM THE RAIL CARS BY TRAINED PERSONNEL OPERATING UNDER STRICT SAFETY PROTOCOL, (INCLUDING, APPLYING MANUAL BRAKES AND CHOCKING OF RAIL CAR WHEELS, CONES/FLAGS INDICATING RAIL CAR UNLOADING IN PROGRESS, AND ADDITIONAL TRAINED PERSONNEL TO GUIDE PEDESTRIAN AND VEHICULAR TRAFFIC ACCORDINGLY).

PLANS PREPARED BY

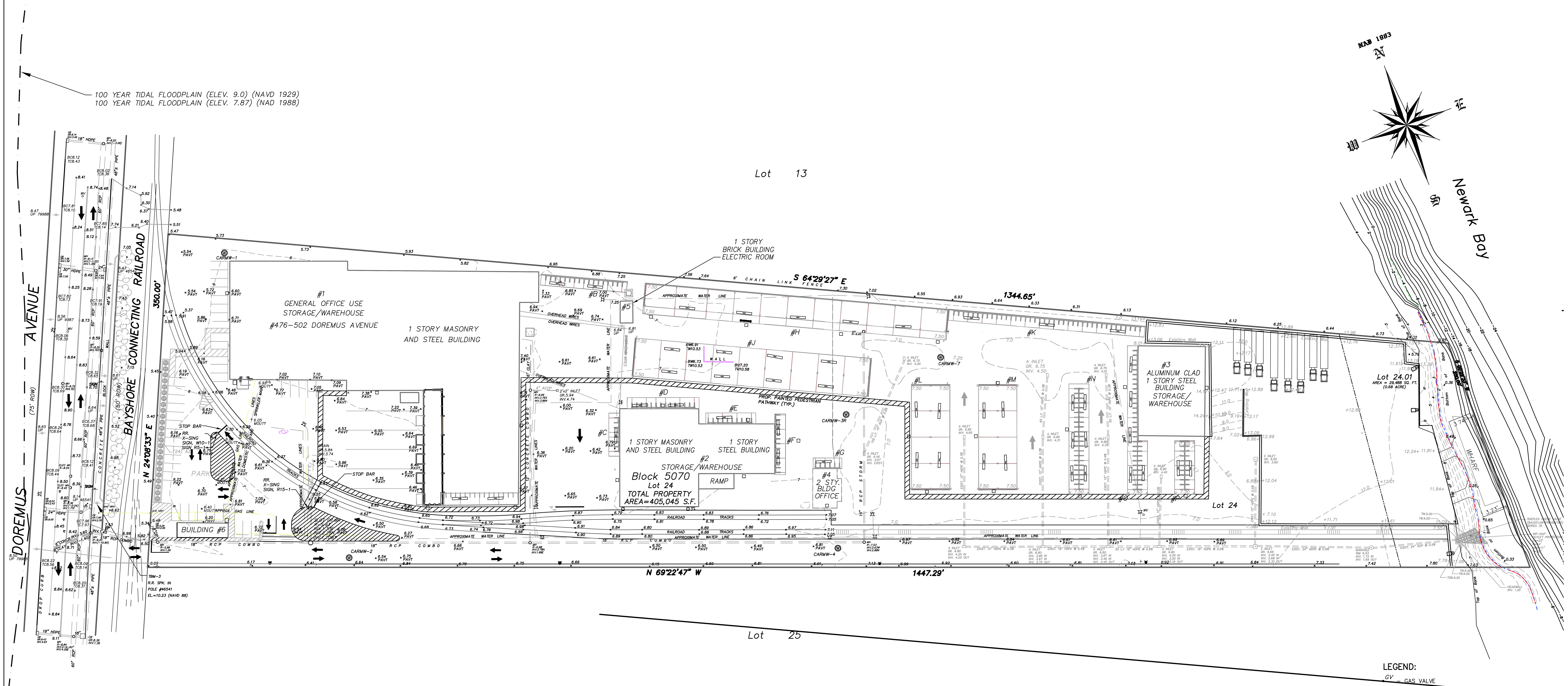
BOSWELL ENGINEERING
330 PHILLIPS AVENUE
SOUTH HACKENSACK, NEW JERSEY 07606
PHONE NO. (201) 641–0770
N.J. CERTIFICATE OF AUTHORIZATION NO. 24GA27958000

KEVIN J. BOSWELL, P.E
PROFESSIONAL ENGINEER N.J. LIC. 32943

JOSEPH A. POMANTE P.E.
PROFESSIONAL ENGINEER N.J. LIC. 43137

OWNER/APPLICANT:
KB NEWARK, LLC
P.O. BOX 1040
FAIR LAWN, NEW JERSEY 07410

NO.	DATE	DESCRIPTION	DRAWN	CHECKED



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REFERENCE NOTE:

CONTOURS SHOWN HEREON FROM THE BOTTOM OF BANK TOWARDS THE CENTER OF THE NEWARK BAY AS TAKEN FROM PLANS PREPARED BY OXY GLENN SPRINGS HOLDINGS, INC. LOWER PASSAIC RIVER–OU2 REMEDIAL DESIGN DRAWINGS DATED 6-30-23 REVISE 7-28-23.

NOTES:

1. A STREET AND/OR SIDEWALK OCCUPANCY PERMIT MUST BE OBTAINED FROM THE DIVISION OF TRAFFIC AND SIGNALS PRIOR TO ANY CONSTRUCTION IN OR OCCUPANCY OF THE PUBLIC RIGHT-OF-WAY.
2. A SOIL EROSION AND SEDIMENT CONTROL PERMIT MUST BE OBTAINED FROM THE DEPARTMENT OF ENGINEERING PRIOR TO THE COMMENCEMENT OF ANY WORK AT THE SITE.
3. OWNER / APPLICANT TO DISPLAY THE BUILDING ADDRESS IN CONFORMANCE WITH CITY TITLE 29:15-5.

RAIL OPERATION NOTE:

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LEGEND:

- GV – GAS VALVE
- WV – WATER VALVE
- HYDRANT
- UTILITY POLE
- LIGHT POLE
- SIGN
- E – ELEC. MARKOUT
- G – GAS MARKOUT
- T – TELE. MARKOUT
- W – WATER MARKOUT
- O/H – OVERHEAD WIRES
- XX – FILED MAP LOT NO.
- X – FILED MAP BLOCK NO.
- TRAFFIC SIGNAL
- MB – MAIL BOX

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

NO.	DATE	DESCRIPTION	SURVEYED BY	DRAWN BY	DESIGNED BY	CHECKED BY

BOSWELL ENGINEERING
ENGINEERS – SURVEYORS – PLANNERS – SCIENTISTS
330 PHILLIPS AVENUE, SOUTH HACKENSACK, N.J. 07606
TEL: (201) 641-0770 • FAX: (201) 641-1831
N.J. CERTIFICATE OF AUTHORIZATION No. 24GA27958000

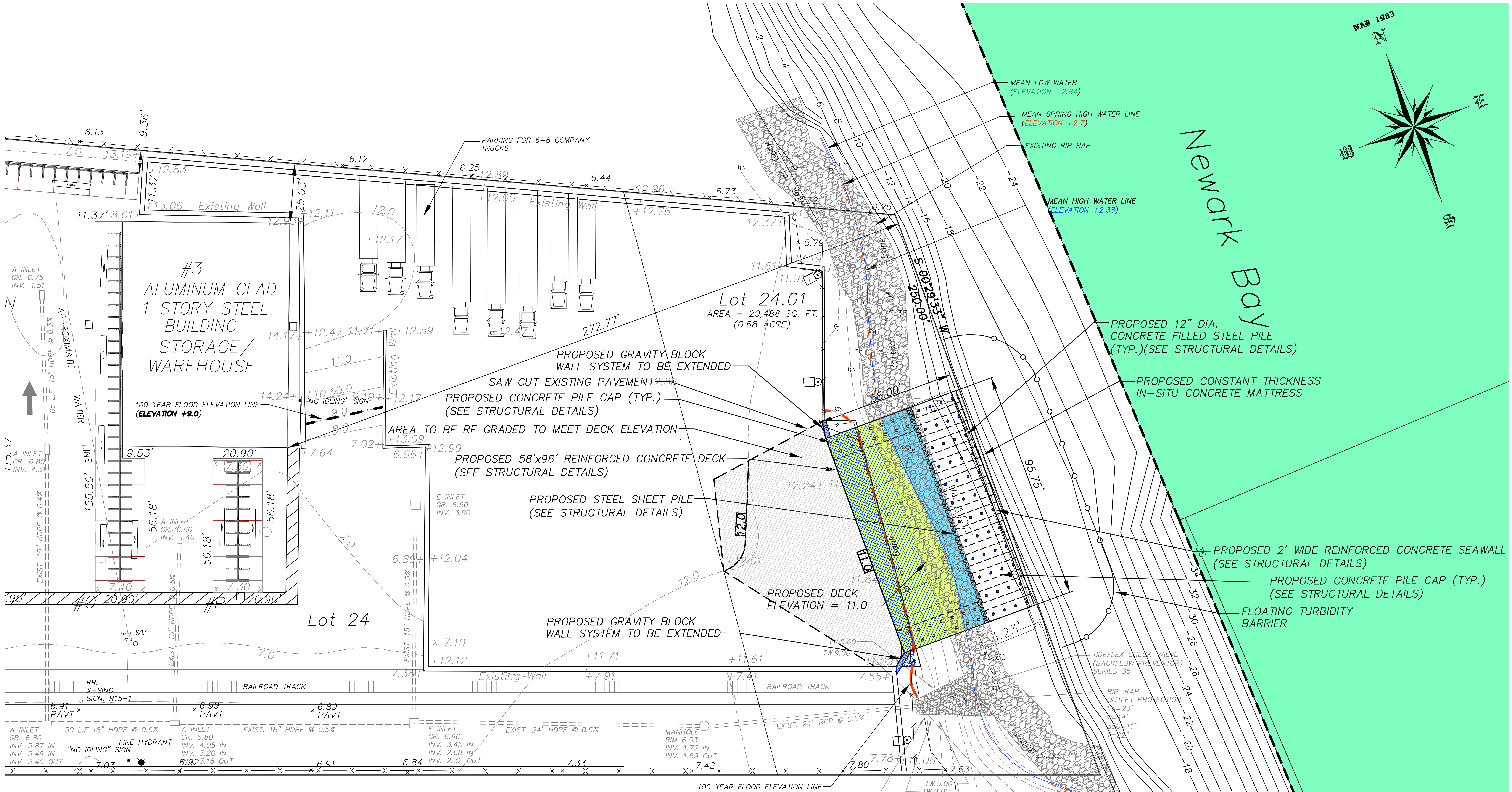
KEVIN J. BOSWELL
PROFESSIONAL ENGINEER N.J. LIC. 32943

JOSEPH A. POMANTE
PROFESSIONAL ENGINEER N.J. LIC. 43137

EXISTING WHARF RECONSTRUCTION
BLOCK 5070 LOT 24.01
EXISTING CONDITIONS PLAN
CITY OF NEWARK
ESSEX COUNTY NEW JERSEY

SURVEYED BY DRAWN BY G.K.T.	DESIGNED BY F.J.R. CHECKED BY F.J.R.	SCALE: 1" = 50'	JOB NO. 16-124	DATE AUGUST 2023

DRAWING NO. 16–124–WEC SHEET 2 OF 11



GRAPHIC SCALE

(IN FEET)
1 inch = 20ft.

FLOOD ZONE INFORMATION NOTE:

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NO.	DATE	DESCRIPTION	SURVEYED BY	DRAWN BY	DESIGNED BY	CHECKED BY

BOSWELL ENGINEERING
ENGINEERS – SURVEYORS – PLANNERS – SCIENTISTS
330 PHILLIPS AVENUE, SOUTH HACKENSACK, N.J. 07606
TEL: (201) 641-0770 • FAX: (201) 641-1831
N.J. CERTIFICATE OF AUTHORIZATION No. 24GA27958000

KEVIN J. BOSWELL
PROFESSIONAL ENGINEER N.J. LIC. 32943

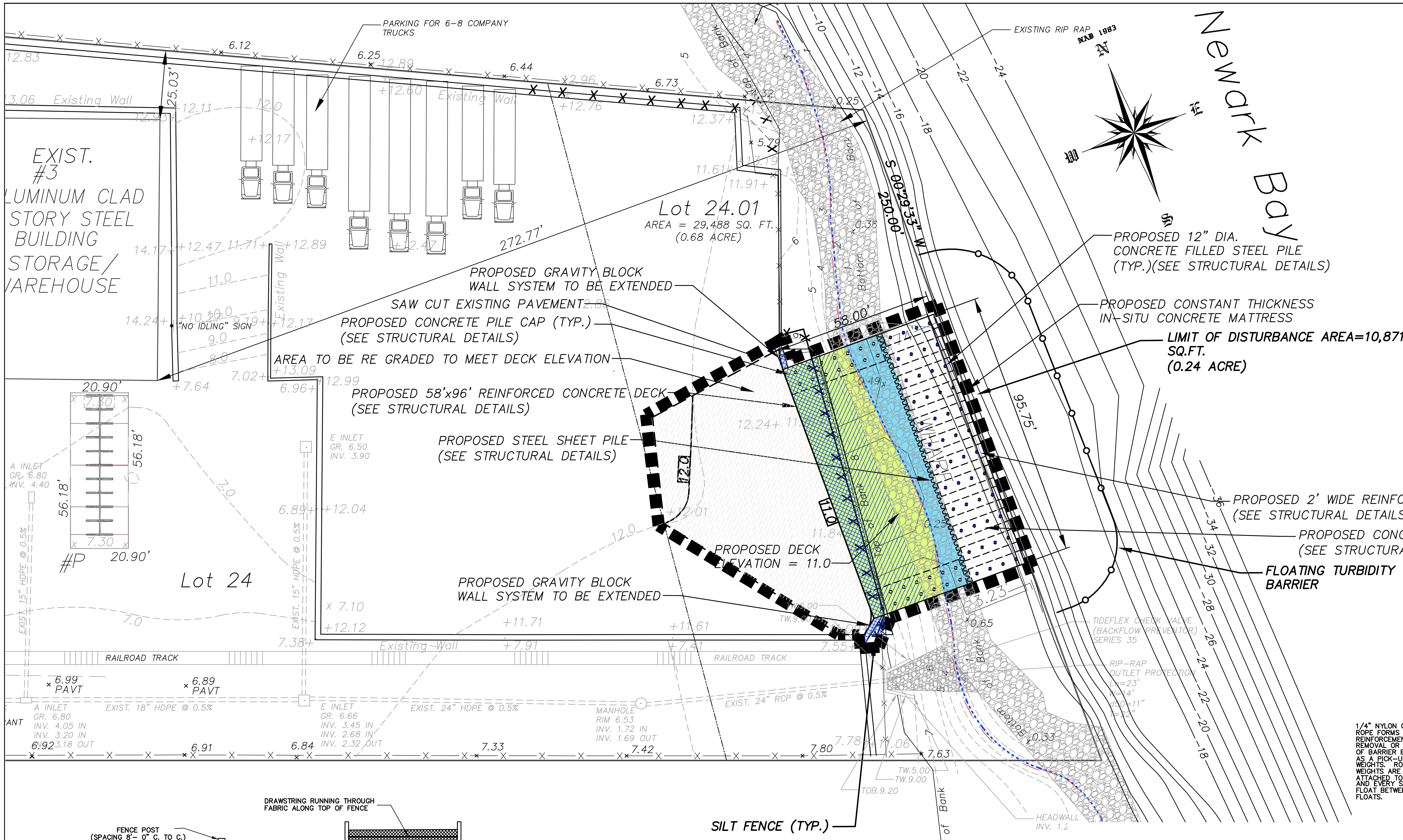
JOSEPH A. POMANTE
PROFESSIONAL ENGINEER N.J. LIC. 43137

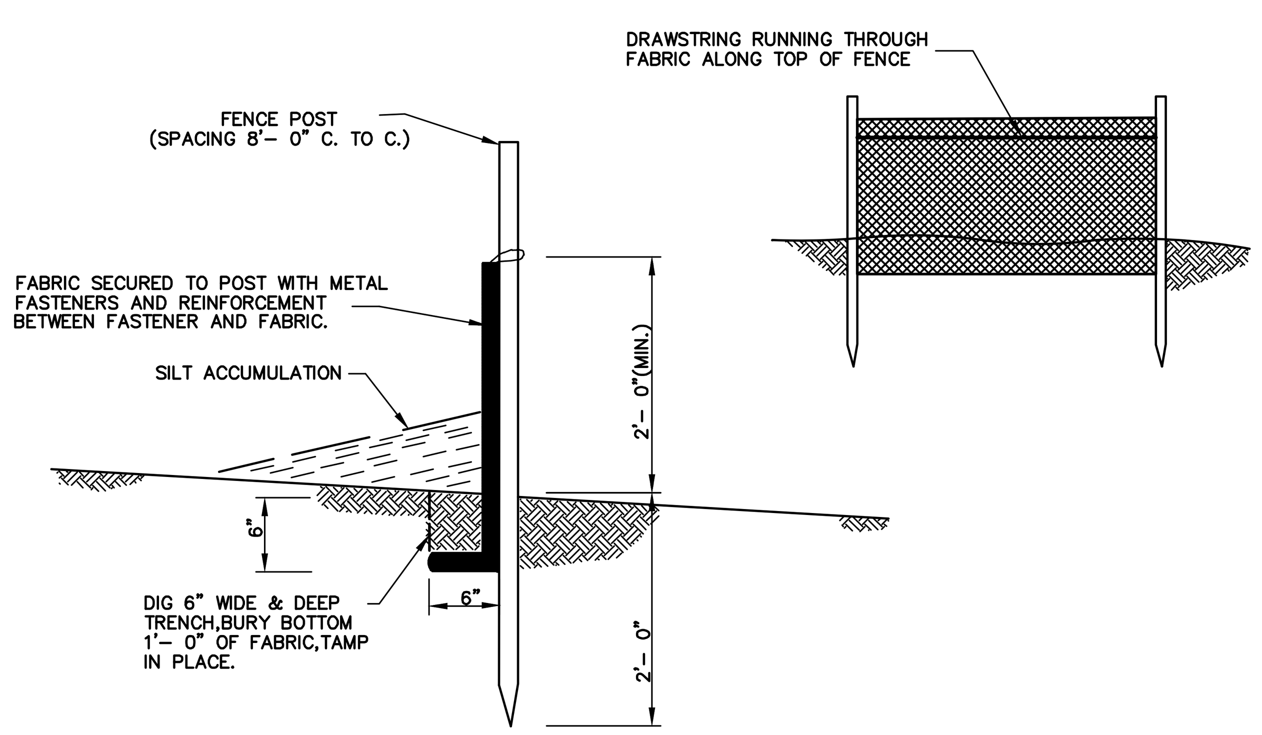
EXISTING WHARF RECONSTRUCTION
BLOCK 5070 LOT 24.01
WHARF SITE PLAN
CITY OF NEWARK
ESSEX COUNTY NEW JERSEY

SURVEYED BY / DRAWN BY	DESIGNED BY / CHECKED BY	SCALE:	JOB NO.	DATE
G.K.T.	F.J.R. / F.J.R.	1" = 20'	16-124	AUGUST 2023

DRAWING NO. 16-124-WSP SHEET 3 OF 11

USACE FILE: NAN-2025-00560-MMI





SILT FENCE DETAIL

N.T.S.

CONSTRUCTION SEQUENCE

1. INSTALL ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES (I.E. INLET FILTERS, SILT FENCE, STABILIZED CONSTRUCTION ACCESS)	3 DAYS
2. CLEARING SITE AND DEMOLITION	3 WEEKS
3. CONSTRUCT IMPROVEMENTS – EXCAVATION AND ROUGH GRADING – INSTALL DRAINAGE AND UTILITY WORK – INSTALL PILES AND CONCRETE DECK STRUCTURE – INSTALL FULL DEPTH PAVEMENT	12 WEEKS
4. TOPSOIL, SEED, AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS	1 WEEK
5. INSTALL FINAL PAVEMENT SURFACE AND STRIPING/MARKINGS	1 WEEK
6. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL DEVICES	2 DAYS

TOTAL DURATION: 18 WEEKS

NOTE: SCHEDULING FOR SOIL EROSION AND SEDIMENT CONTROL PERMITTING ONLY. NOT FOR CONSTRUCTION SCHEDULING OR TIME OF COMPLETION.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20ft.

SOIL EROSION AND SEDIMENT CONTROL NOTES

(To be included on the signed erosion control plan sheet)

1. All soil erosion and sediment control practices on this plan will be constructed in accordance with the **"New Jersey Standards for Soil Erosion and Sediment Control"** 7th Edition **last revised December 2017.** These measures will be installed prior to any major soil disturbance or in their proper sequence and maintained until permanent protection is established.

2. All soil to be exposed or stockpiled for a period of greater than 14 days, and not under active construction, will be temporarily seeded and hay mulched or otherwise provided with vegetative cover. This temporary cover shall be maintained until such time whereby permanent restabilization is established.

3. *Seeding Dates:* The following seeding dates are recommended to best establish permanent vegetative cover within most locations in the HEPSCD: Spring - 3/1-5/15 and Fall – 8/15 – 10/1

4. Sediment fences are to be properly trenched and maintained until permanent vegetative cover is established

5. All storm drainage inlets shall be protected by one of the practices accepted in the Standards, and protection shall remain until permanent stabilization has been established. Storm drainage outlet points shall be protected as required before they become functional.

6. Mulch materials shall be un-rotted small grain straw applied at the rate of 70 to 90 pounds per 1,000 square feet and anchored with a mulch anchoring tool, liquid mulch binders, or netting tie down. Other suitable materials may be used if approved by the Soil Conservation District.

7. All erosion control devices shall be periodically inspected, maintained and corrected by the contractor. Any damage incurred by erosion shall be rectified immediately.

8. The City of Newark, Department of Engineering will be notified in writing at least 48 hours prior to any soil disturbing activities. Fax - (973) 733-8880 OR email – anukweu@ci.newark.nj.us.

9. **The applicant must obtain a City of Newark issued Report-of-Compliance prior to applying for the Certificate of Occupancy or Temporary Certificate of Occupancy from the City, NJ - DCA or any other controlling agency.** Contact the City at 973-733-4300 OR email – anukweu@ci.newark.nj.us to request a Final Inspection, giving advanced notice upon completion of the restabilization measures. A performance deposit may be posted with the District when winter weather or snow cover prohibits the proper application of seed, mulch, fertilizer or hydro-seed.

10. Paved roadways must be kept clean at all times. Do not utilize a fire or garden hose to clean roads unless the runoff is directed to a properly designed and functioning sediment basin. Water pumped out of the excavated areas contains sediments that must be removed prior to discharging to receiving bodies of water using removable pumping stations, sump pits, portable sedimentation tanks and/or silt control bags.

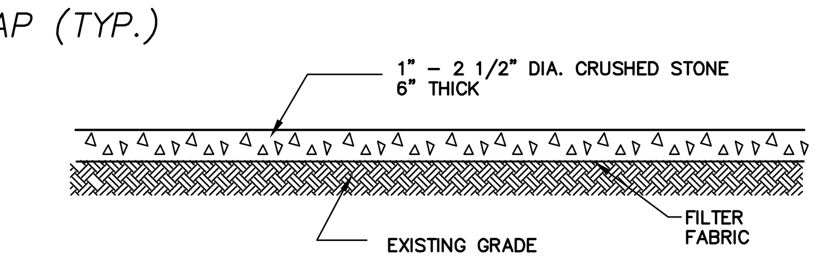
11. All surfaces having lawn or landscaping as final cover are to be provided topsoil prior to re-seeding, sodding or planting. A depth of 5.0 inches, firmed in place, is **required**, as per the Standards for Topsoiling and Land Grading, last revised December 2017.

12. All plan revisions must be submitted to the District for proper review and approval.

13. A crushed stone wheel cleaning tracking-pad is to be installed at all site exits using 2 ½ -1" crushed angular stone (ASTM 2 or 3) to a minimum length of 50 feet and minimum depth of 6". All driveways must be provided with crushed stone until paving is complete.

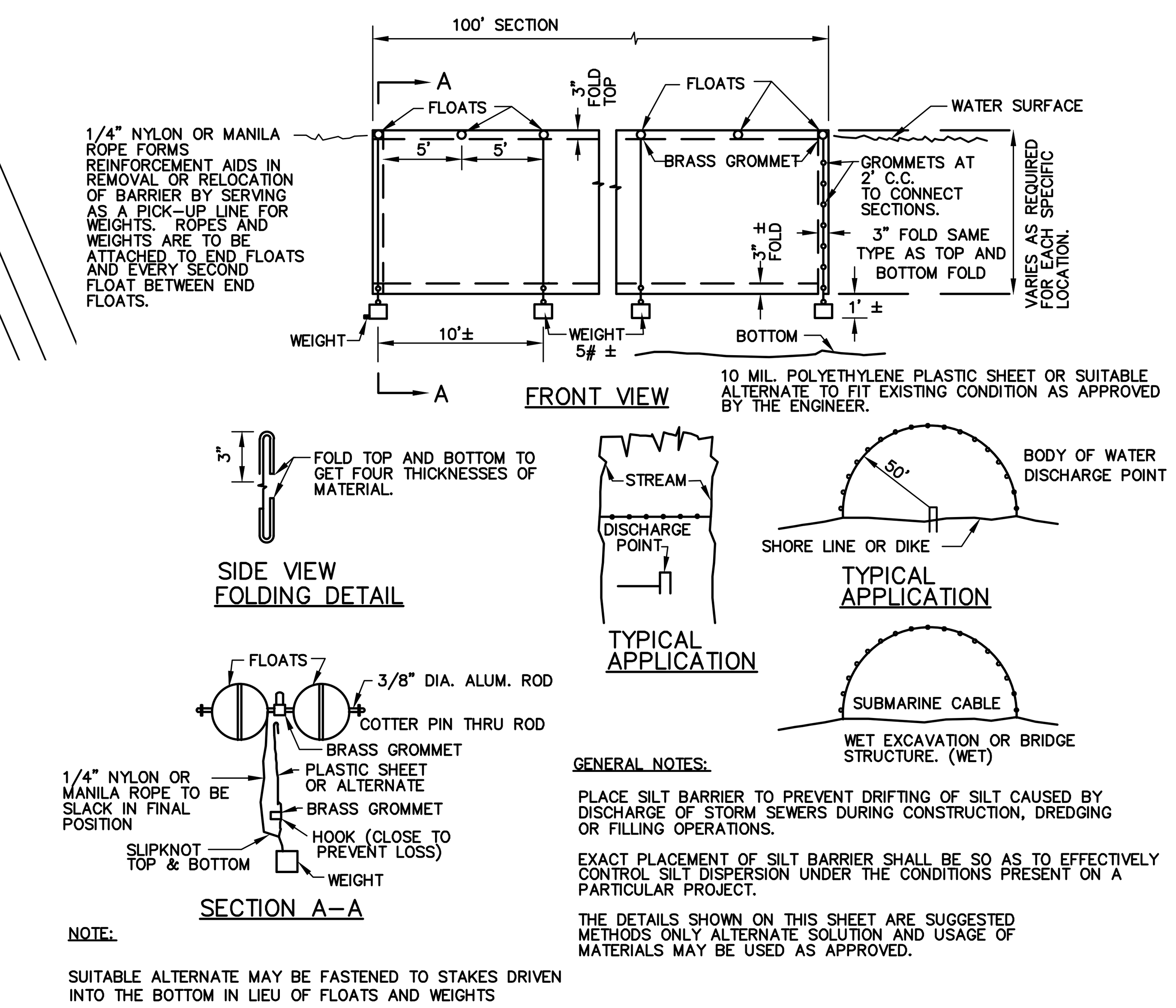
14. Steep slopes incurring disturbance may require additional stabilization measures. These "special" measures shall be designed by the applicant's engineer and be approved by the Soil Conservation District.

15. **The City of Newark Department of Engineering shall be notified, in writing, for the sale of any portion of the project or for the sale of individual lots. New owners' information shall be provided. Additional measures deemed necessary by City officials shall be implemented as conditions warrant.**



STABILIZED CONSTRUCTION ACCESS

N.T.S.



GENERAL NOTES:

PLACE SILT BARRIER TO PREVENT DRIFTING OF SILT CAUSED BY DISCHARGE OF STORM SEWERS DURING CONSTRUCTION, DREDGING OR FILLING OPERATIONS.

EXACT PLACEMENT OF SILT BARRIER SHALL BE SO AS TO EFFECTIVELY CONTROL SILT DISPERSION UNDER THE CONDITIONS PRESENT ON A PARTICULAR PROJECT.

THE DETAILS SHOWN ON THIS SHEET ARE SUGGESTED METHODS ONLY ALTERNATE SOLUTION AND USAGE OF MATERIALS MAY BE USED AS APPROVED.

NOTE:

SUITABLE ALTERNATE MAY BE FASTENED TO STAKES DRIVEN INTO THE BOTTOM IN LIEU OF FLOATS AND WEIGHTS

FLOATING TURBIDITY BARRIER

N.T.S.

NO.	DATE	DESCRIPTION	SURVEYED BY	DRAWN BY	DESIGNED BY	CHECKED BY

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TEL: (201) 641-0770 • FAX: (201) 641-1831
N.J. CERTIFICATE OF AUTHORIZATION No. 24GA27958000

KEVIN J. BOSWELL
PROFESSIONAL ENGINEER N.J. LIC. 32943

JOSEPH A. POMANTE
PROFESSIONAL ENGINEER N.J. LIC. 43137

EXISTING WHARF RECONSTRUCTION
BLOCK 5070 LOT 24.01
SOIL EROSION AND SEDIMENT CONTROL PLAN
CITY OF NEWARK
ESSEX COUNTY NEW JERSEY

SURVEYED BY DRAWN BY GK.T.	DESIGNED BY F.J.R. CHECKED BY F.J.R.	SCALE: 1" = 20'	JOB NO. 16-124	DATE AUGUST 2023

DRAWING NO. 16-124-WSE SHEET 4 OF 11

USACE FILE: NAN-2025-00560-MMI

PLAN

SCALE: 1" = 10'

GENERAL NOTES:

1. DESIGN SPECIFICATIONS:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, NINTH EDITION, 2020, WITH INTERIMS, AS MODIFIED BY SECTION 3 OF THE 6TH EDITION NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
2. CONSTRUCTION SPECIFICATIONS:
2019 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE SUPPLEMENTARY SPECIFICATIONS.
3. LIVE LOAD:
LIVE LOAD = 250 LB/SF
4. CONCRETE DESIGN STRESSES:
   A. DESIGN COMPRESSIVE STRENGTHS (f'c)
      CLASS A .... 4,000 PSI
      CLASS B .... 3,000 PSI
   B. CLASS MIX DESIGN STRENGTHS: (IN ACCORDANCE WITH TABLE 903.03.06-3 OF THE NJDOT STANDARD SPECIFICATIONS).
5. REINFORCEMENT STEEL:
ALL REINFORCEMENT SHALL BE ASTM A615 (GRADE 60), AND EPOXY COATED
6. EXPOSED CORNERS SHALL HAVE A 3/4 INCH CHAMFER UNLESS OTHERWISE NOTED.
7. PROVIDE 2" CONCRETE COVER ON CAST-IN-PLACE REINFORCEMENT STEEL, EXCEPT AS NOTED.
8. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES. APPLICABLE SAFETY CODES SHALL MEAN THE LATEST EDITION INCLUDING ANY AND ALL AMENDMENTS, REVISIONS AND ADDITIONS THERETO TO THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S "OCCUPATIONAL SAFETY AND HEALTH STANDARDS" (OSHA); AND APPLICABLE SAFETY, HEALTH REGULATIONS AND BUILDING CODES FOR CONSTRUCTION IN THE STATE OF NEW JERSEY.

NO.	DATE	DESCRIPTION	SURVEYED BY	DRAWN BY	DESIGNED BY	CHECKED BY

PLOT BY: tofallon PLOT DATE: 1/18/2024 10:38 AM

BOSWELL ENGINEERING
EST. 1924
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JOSEPH A. POMANTE
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CHRISTOPHER J. NASH
PROFESSIONAL ENGINEER N.J. LIC. 31605

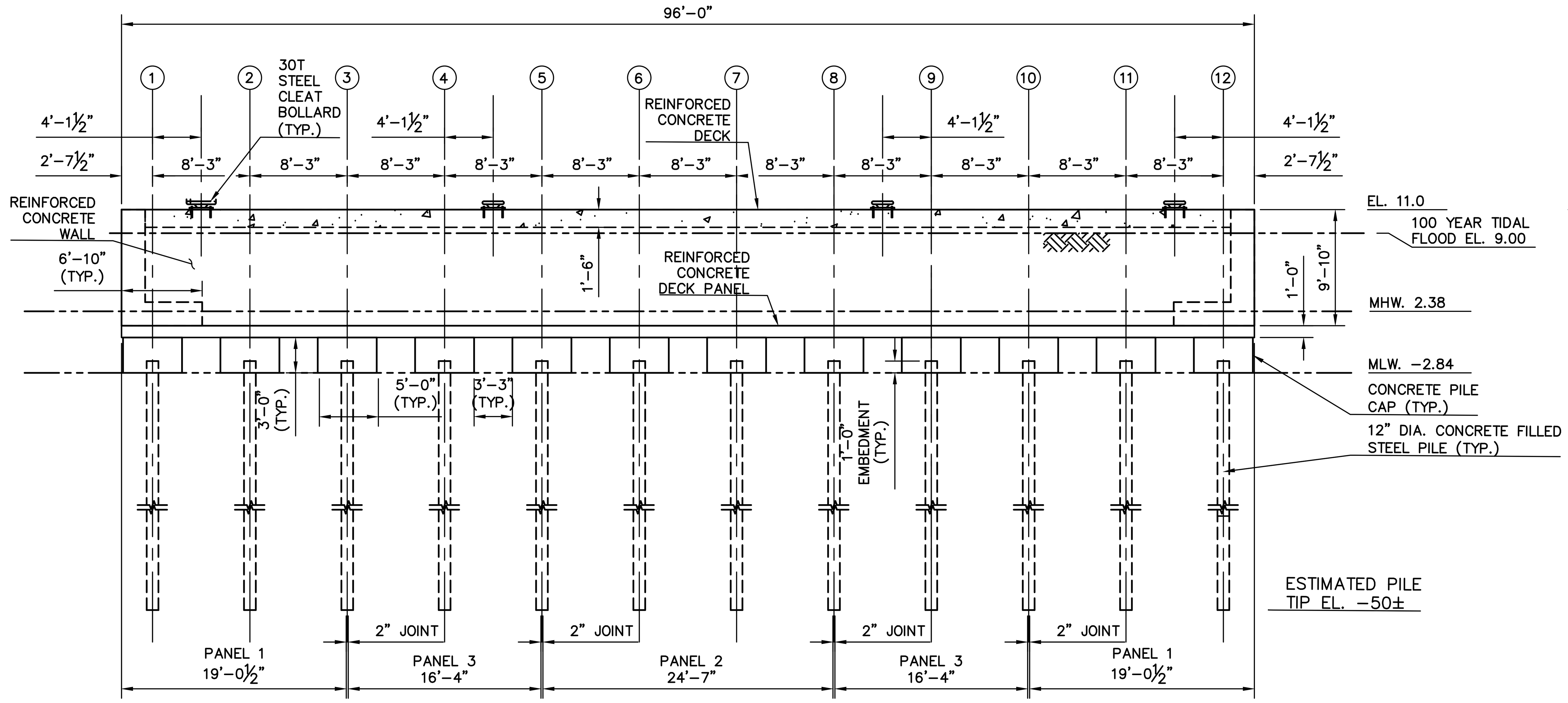
500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
GENERAL PLAN
CITY OF NEWARK
ESSEX COUNTY New Jersey

SURVEYED BY: AB	DESIGNED BY: TWO	SCALE:	JOB NO.	DATE:
DRAWN BY: CL	CHECKED BY: CJN	AS NOTED	16-124	2/10/23

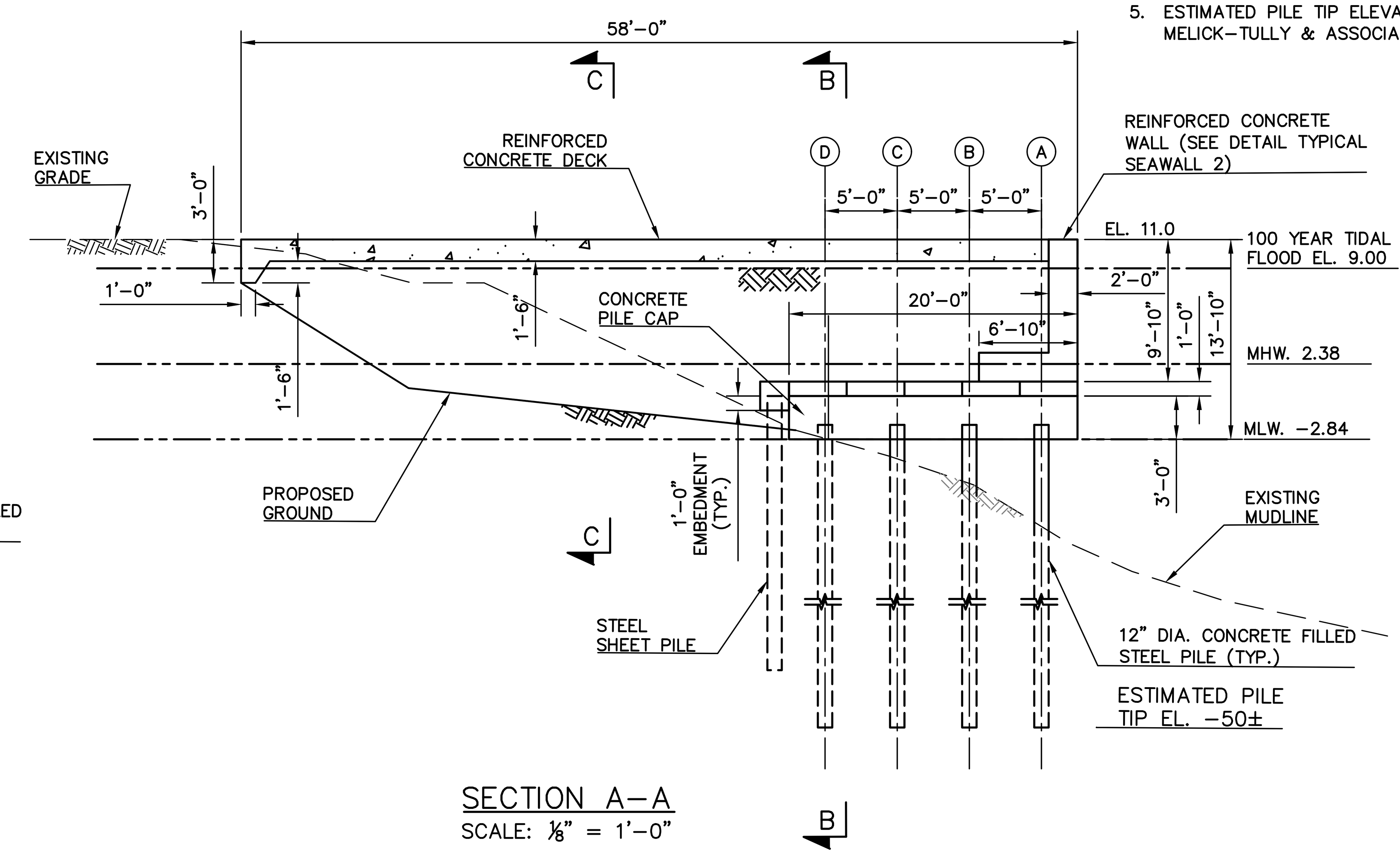
CADD FILE: 21-154-ST SHEET 5 OF 11

USACE FILE: NAN-2025-00560-MMI

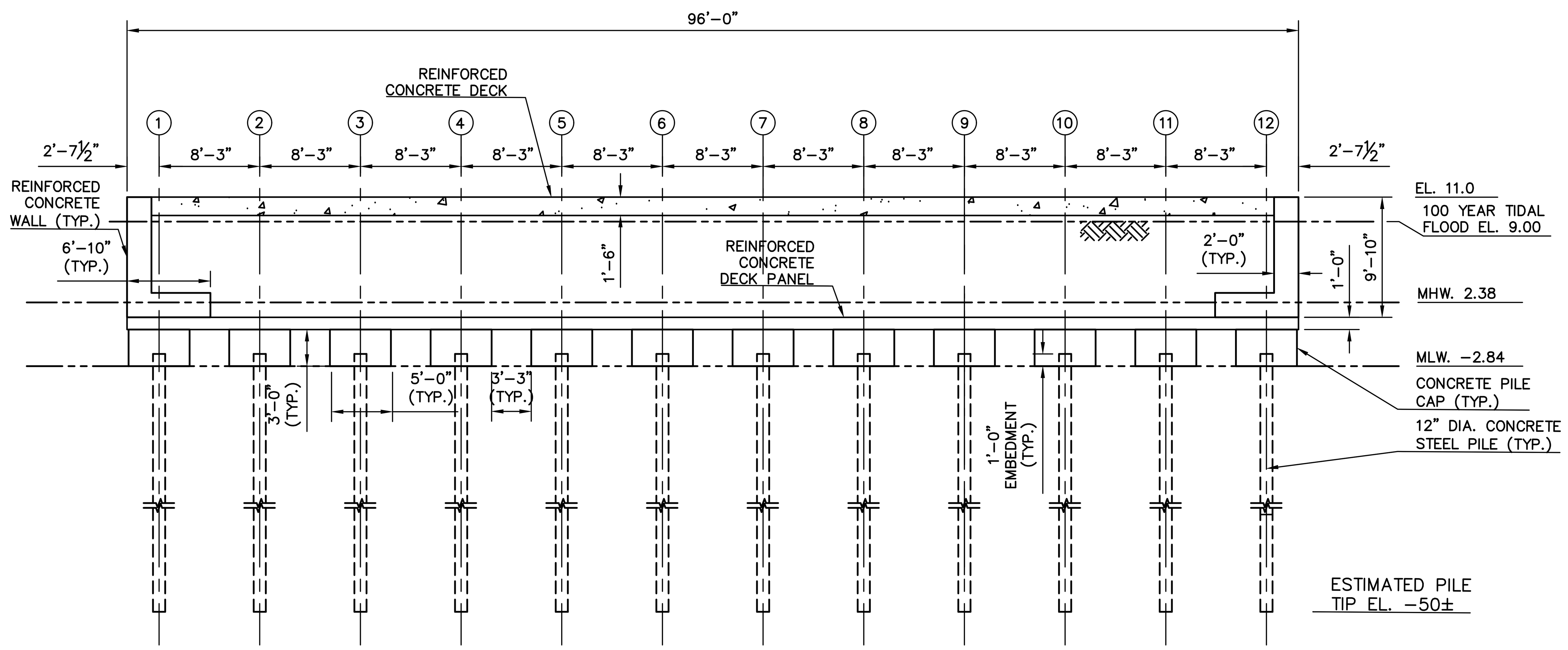
NOTES:
1. SEE SHEET 5 FOR GENERAL NOTES.
2. SEE SHEET 5 FOR LOCATIONS OF SECTIONS A–A, B–B, & C–C.
3. SEE SHEET 9 FOR SEA WALL DETAILS.
4. ALL PILES SHALL BE DRIVEN TO REFUSAL AS DEFINED IN FHWA'S DESIGN AND CONSTRUCTION OF DRIVEN PILE FOUNDATIONS (PUBLICATION NO. FHWA–NHI–16–009).
5. ESTIMATED PILE TIP ELEVATION IS BASED ON GEOTECHNICAL REPORT BY MELICK–TULLY & ASSOCIATES DATED 11/25/20.



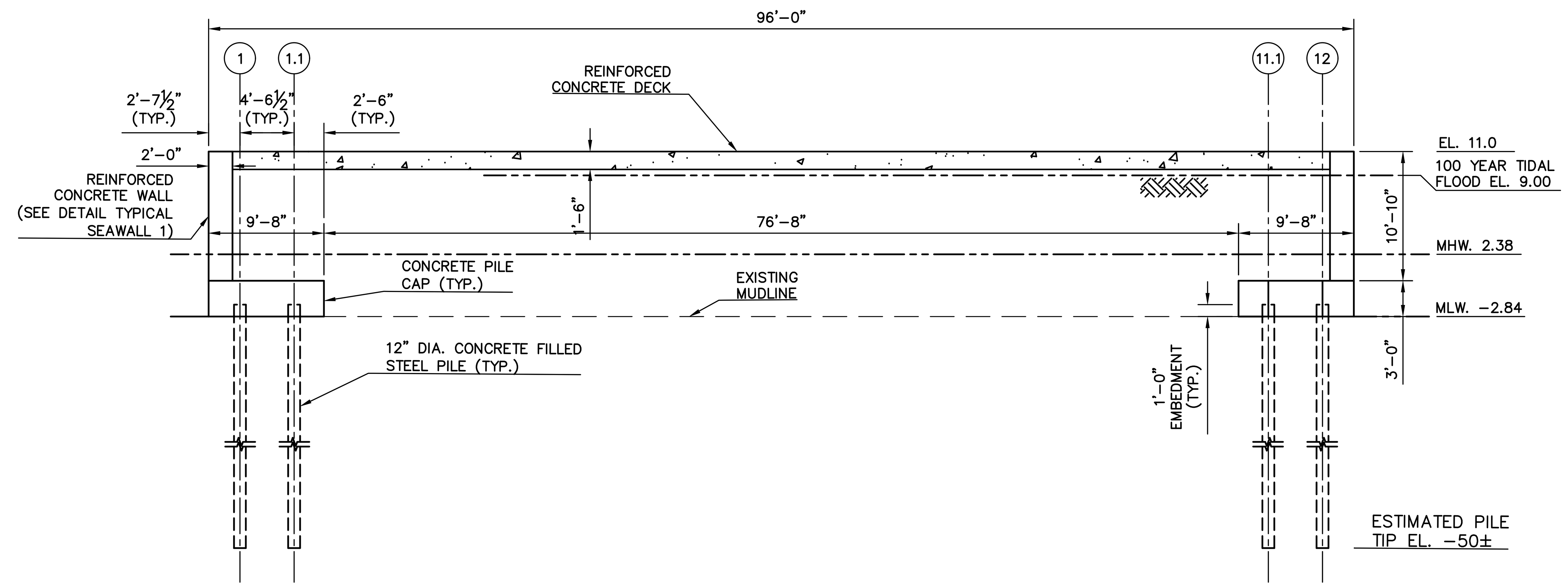
EAST ELEVATION
SCALE: ⅛" = 1'–0"



SECTION A–A
SCALE: ⅛" = 1'–0"



SECTION B–B
SCALE: ⅛" = 1'–0"



SECTION C–C
SCALE: ⅛" = 1'–0"

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N.J. CERTIFICATE OF AUTHORIZATION NO. 24GA27958000

JOSEPH A. POMANTE
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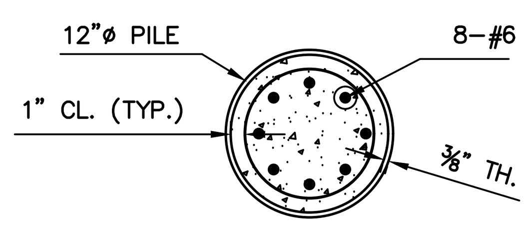
CHRISTOPHER J. NASH
PROFESSIONAL ENGINEER N.J. LIC. 31605

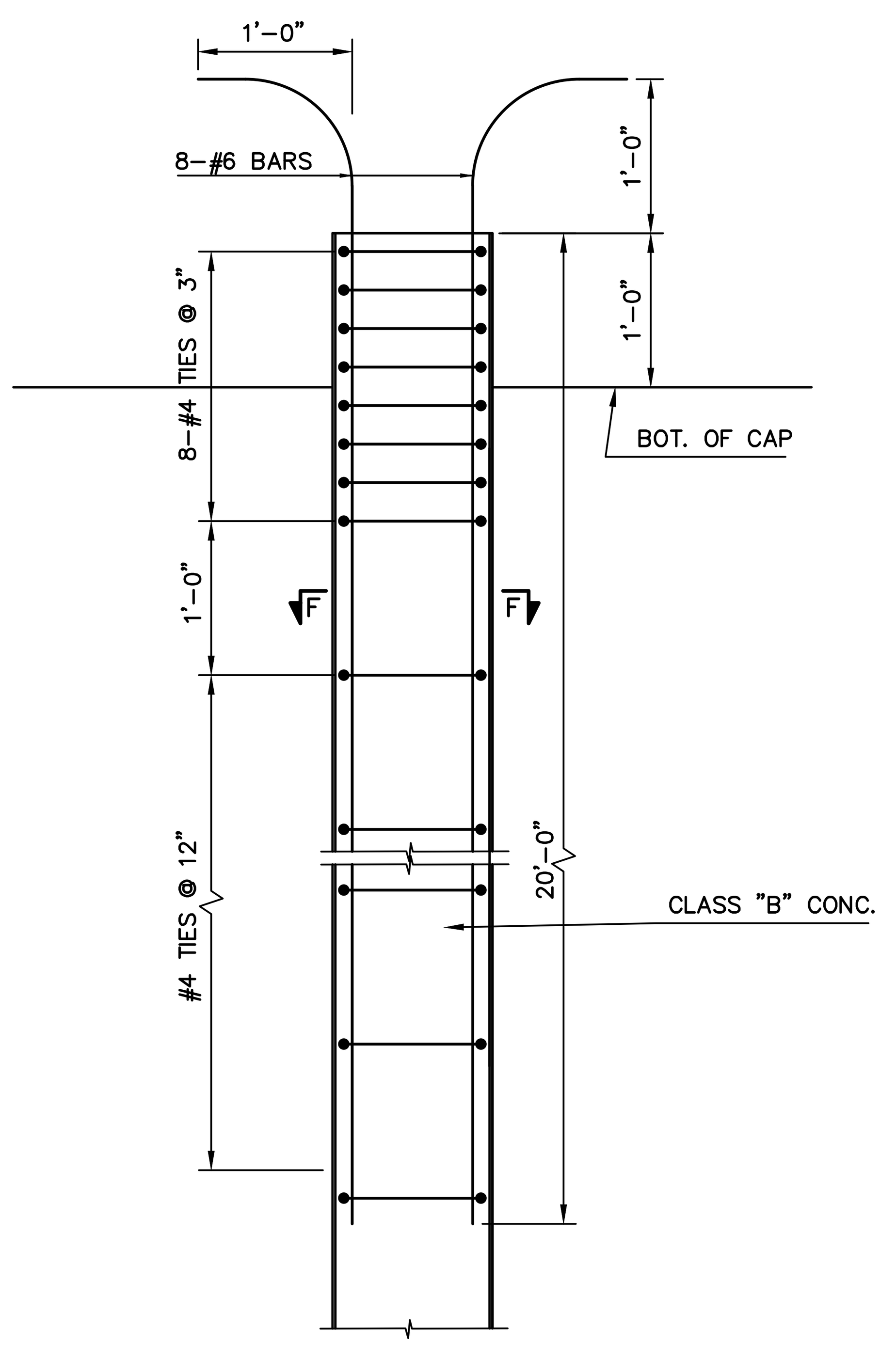
500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
TYPICAL SECTIONS
CITY OF NEWARK
ESSEX COUNTY New Jersey

SURVEYED BY: AB DRAWN BY: CL DESIGNED BY: TWO CHECKED BY: CJN SCALE: AS NOTED JOB NO. 16–124 DATE: 2/10/23
CADD FILE: 21–154–ST SHEET 6 OF 11

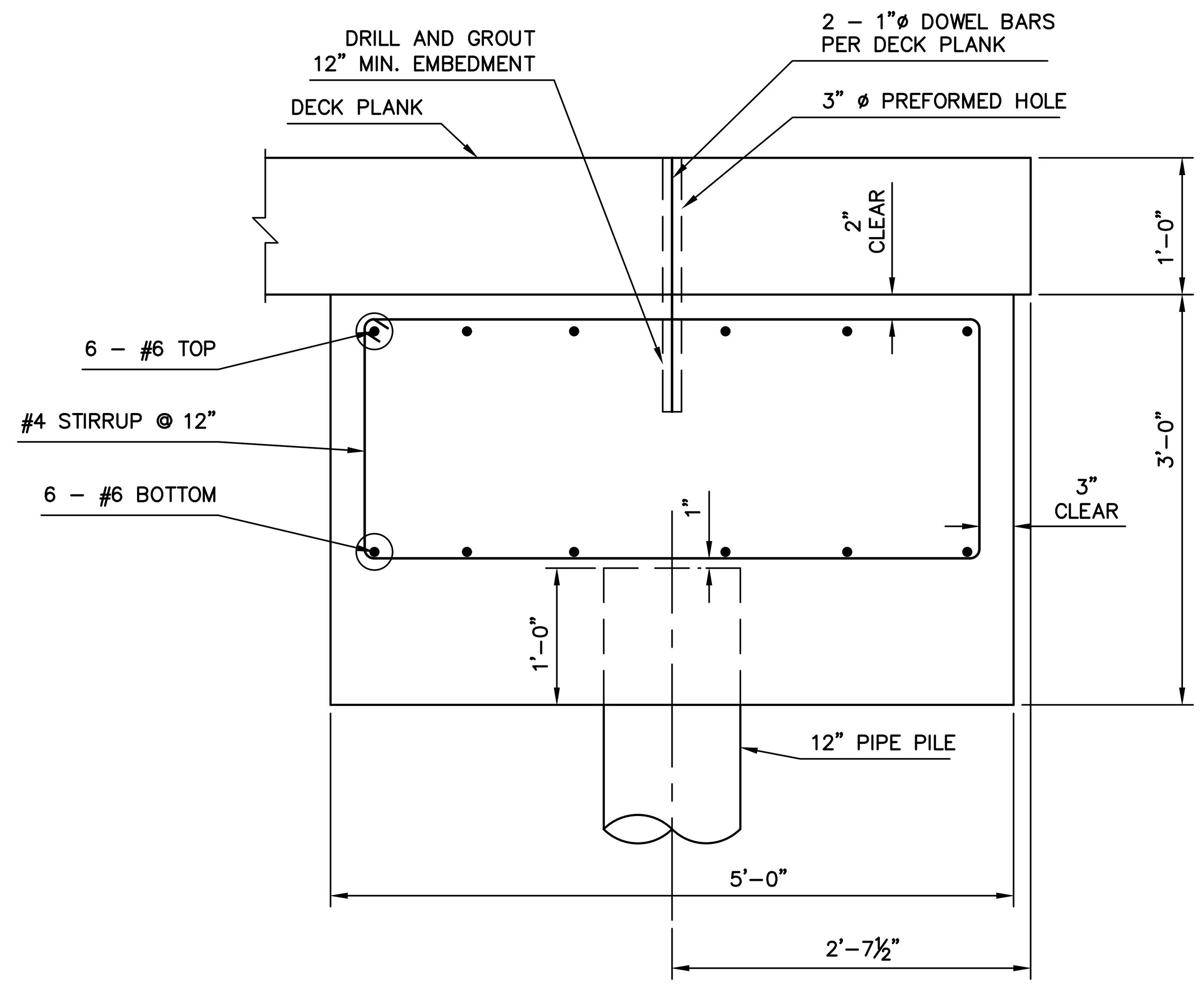
USACE FILE: NAN-2025-00560-MMI



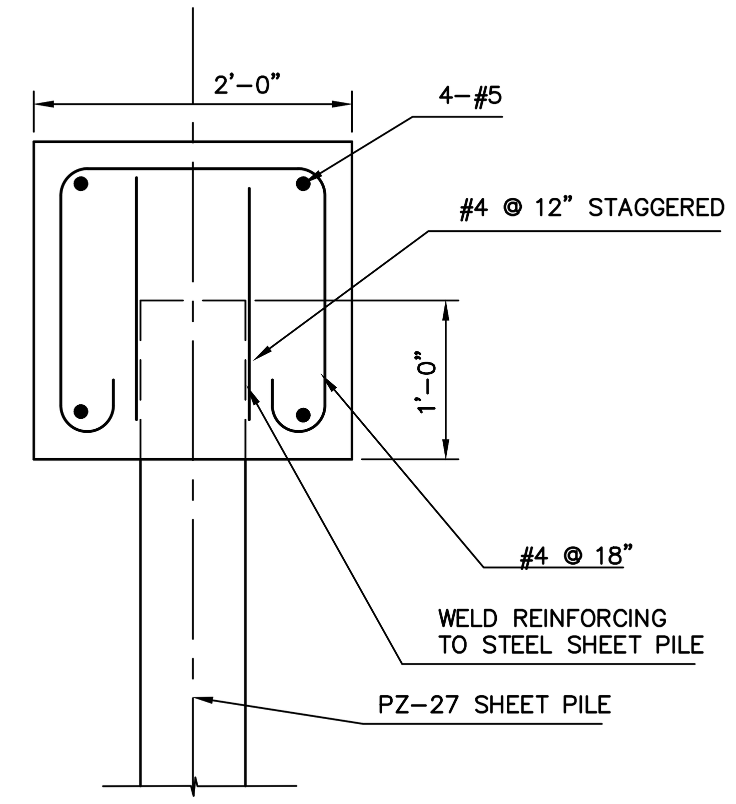
SECTION F–F



PIPE PILE DETAIL
SCALE: 1" = 1'–0"

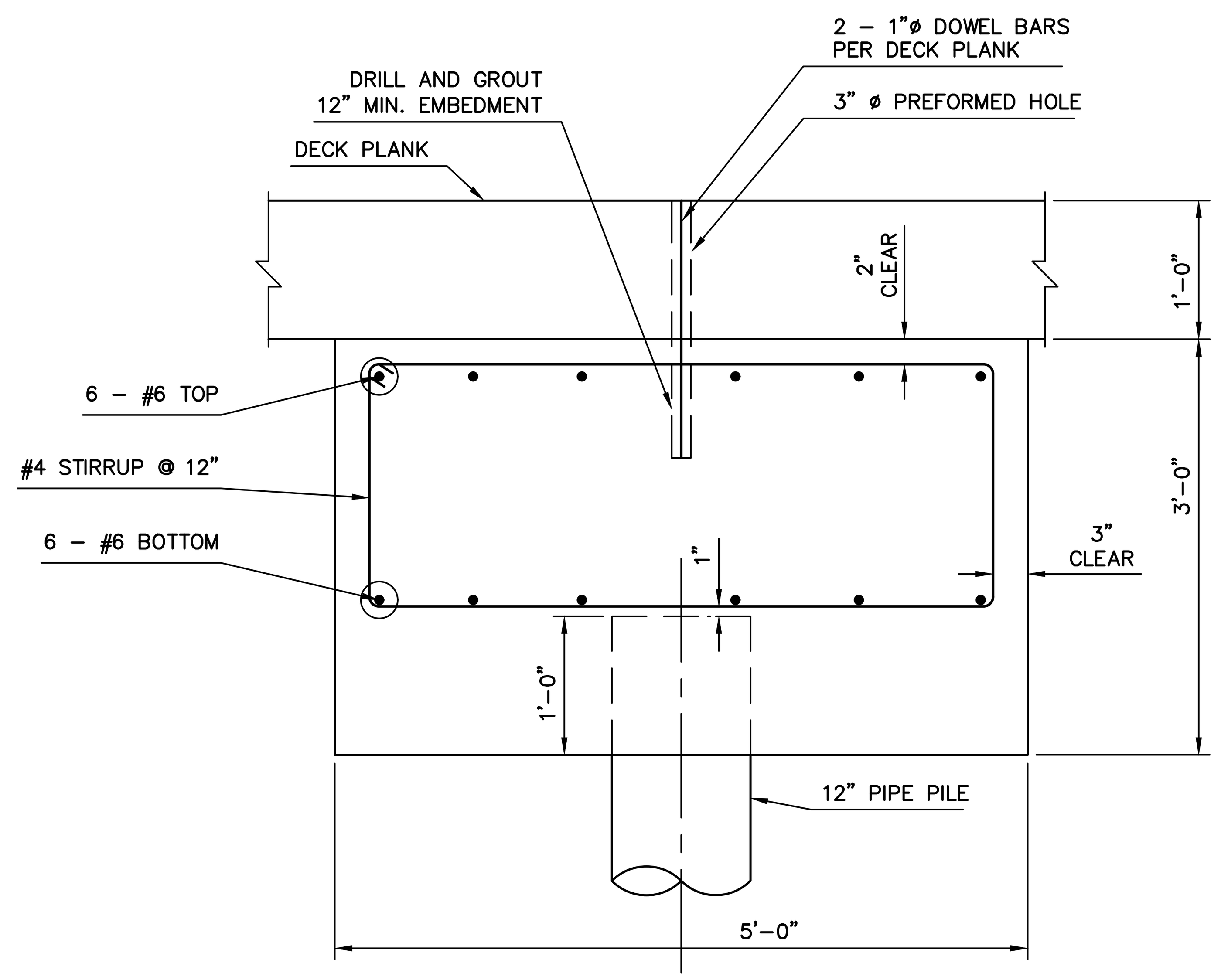


TYPICAL EXTERIOR CAP BEAM
SCALE: 1" = 1'–0"

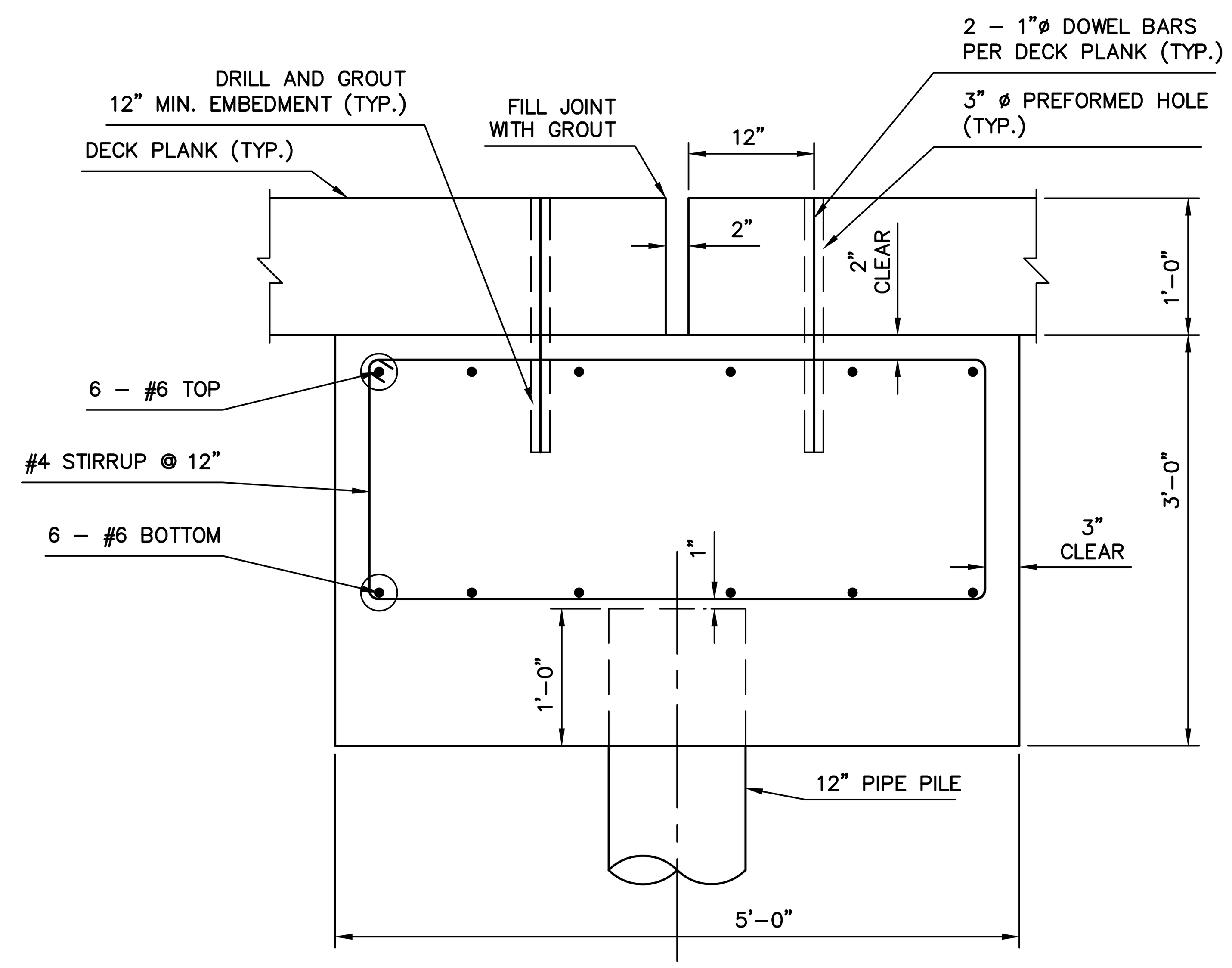


SHEET PILE CAP DETAIL
SCALE: 1" = 1'–0"

NOTES:
1. SEE SHEET 5 FOR GENERAL NOTES.



TYPICAL INTERIOR CAP BEAM TYPE 1
SCALE: 1" = 1'–0"



TYPICAL INTERIOR CAP BEAM TYPE 2
SCALE: 1" = 1'–0"

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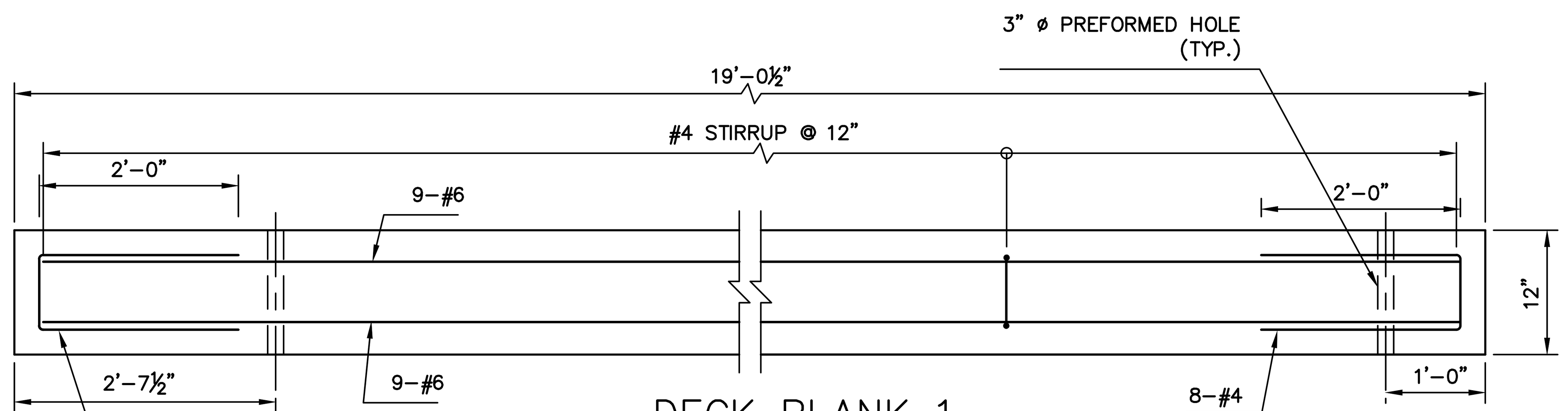
500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
PILE AND PILE CAP DETAILS
CITY OF NEWARK
ESSEX COUNTY New Jersey

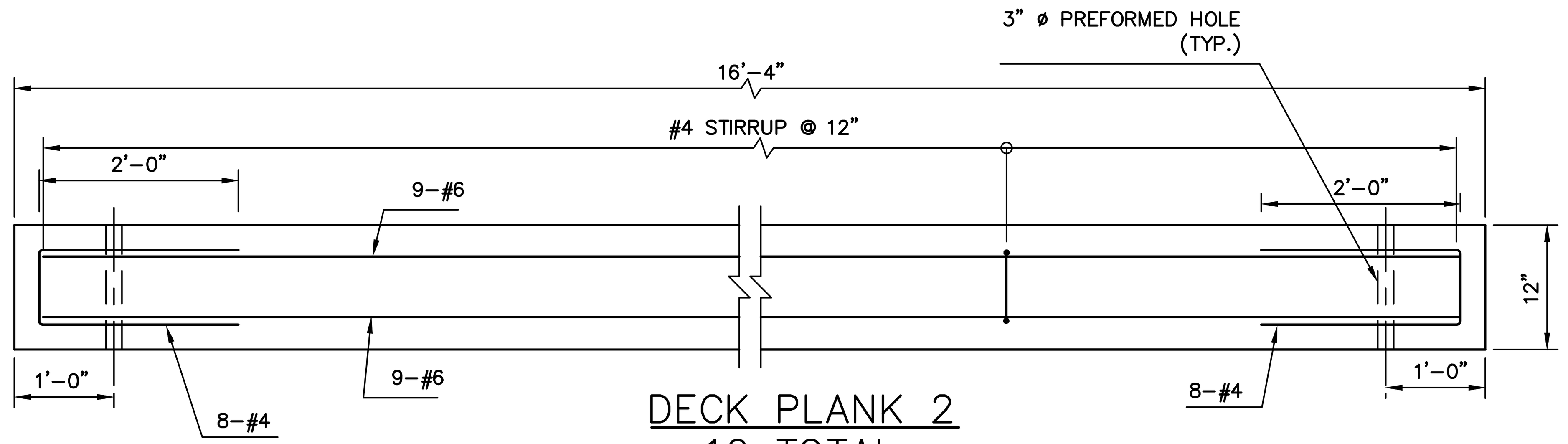
SURVEYED BY: AB	DESIGNED BY: TWO	SCALE:	JOB NO.	DATE:
DRAWN BY: CL	CHECKED BY: CJN	AS NOTED	16–124	2/10/23

CADD FILE: 21–154–ST SHEET 7 OF 11

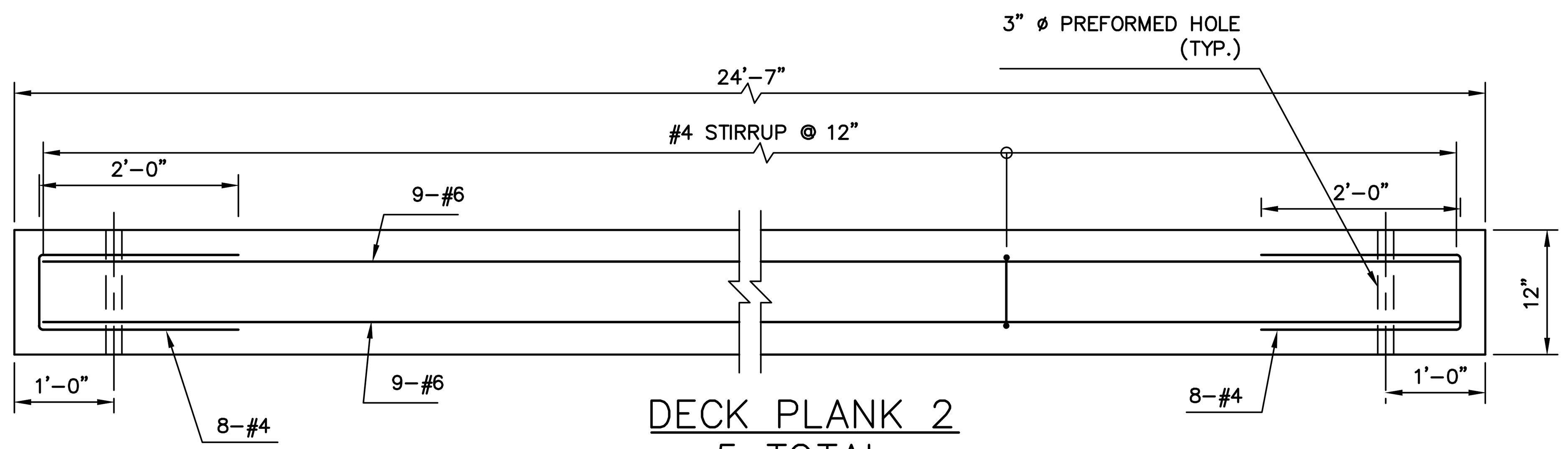
NOTES:
1. SEE SHEET 5 FOR GENERAL NOTES.
2. END OF BEAMS SHALL BE VERTICAL AFTER INSTALLATION.
3. LIFTING DEVICES SHALL BE SUBMITTED BY THE CONTRACTOR FOR ENGINEER'S APPROVAL IN NO CASE SHALL STIRRUPS BE USED AS LIFTING DEVICES.



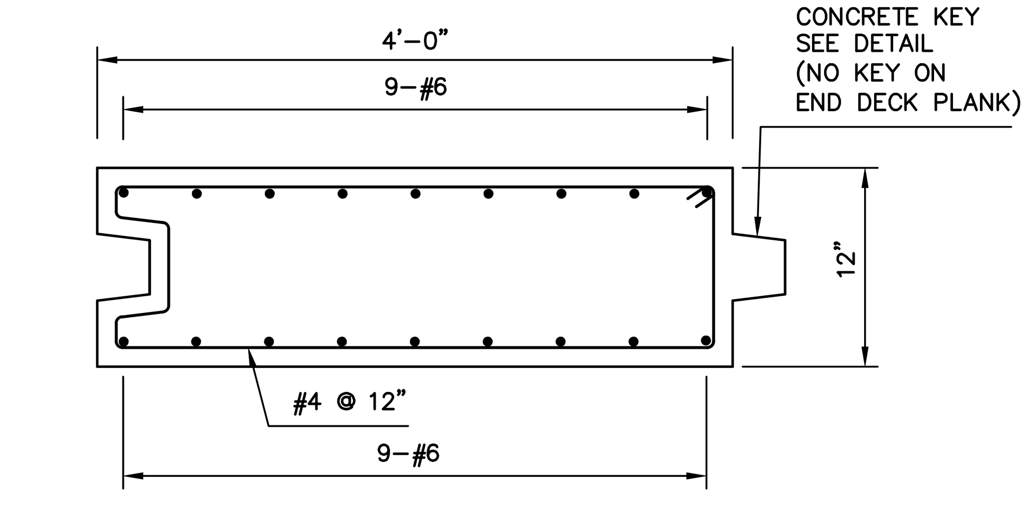
DECK PLANK 1
10 TOTAL
SCALE: 3/4" = 1'-0"



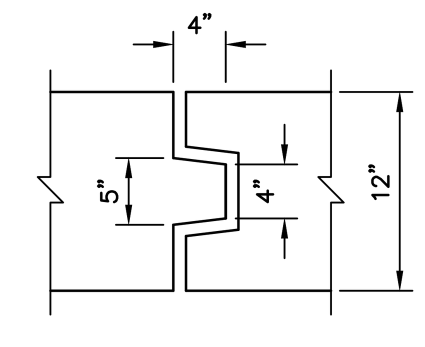
DECK PLANK 2
10 TOTAL
SCALE: 3/4" = 1'-0"



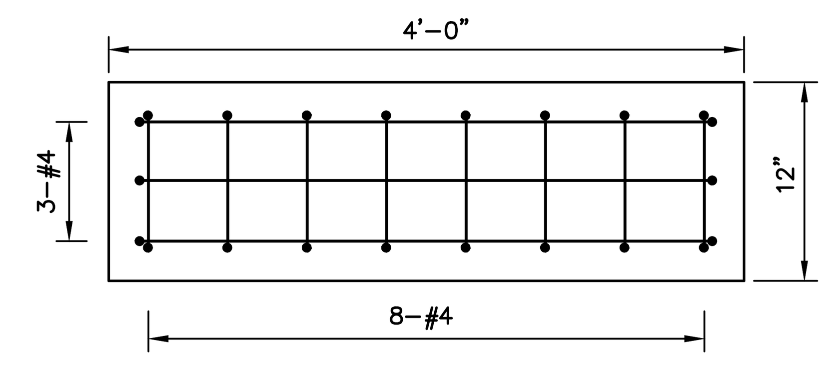
DECK PLANK 2
5 TOTAL
SCALE: 3/4" = 1'-0"



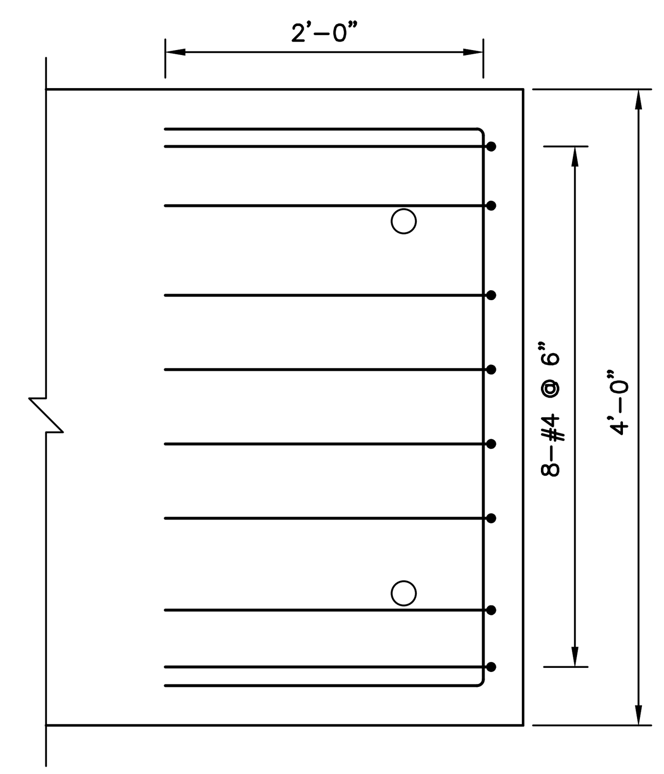
TYPICAL DECK PLANK SECTION
SCALE: 1" = 1'-0"



CONCRETE PANEL
KEY DETAIL
SCALE: 1" = 1'-0"



DECK PLANK END REINFORCEMENT DETAIL
SCALE: 1" = 1'-0"



PLAN
TYPICAL END OF DECK PLANK
SCALE: 1" = 1'-0"

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BOSWELL ENGINEERING
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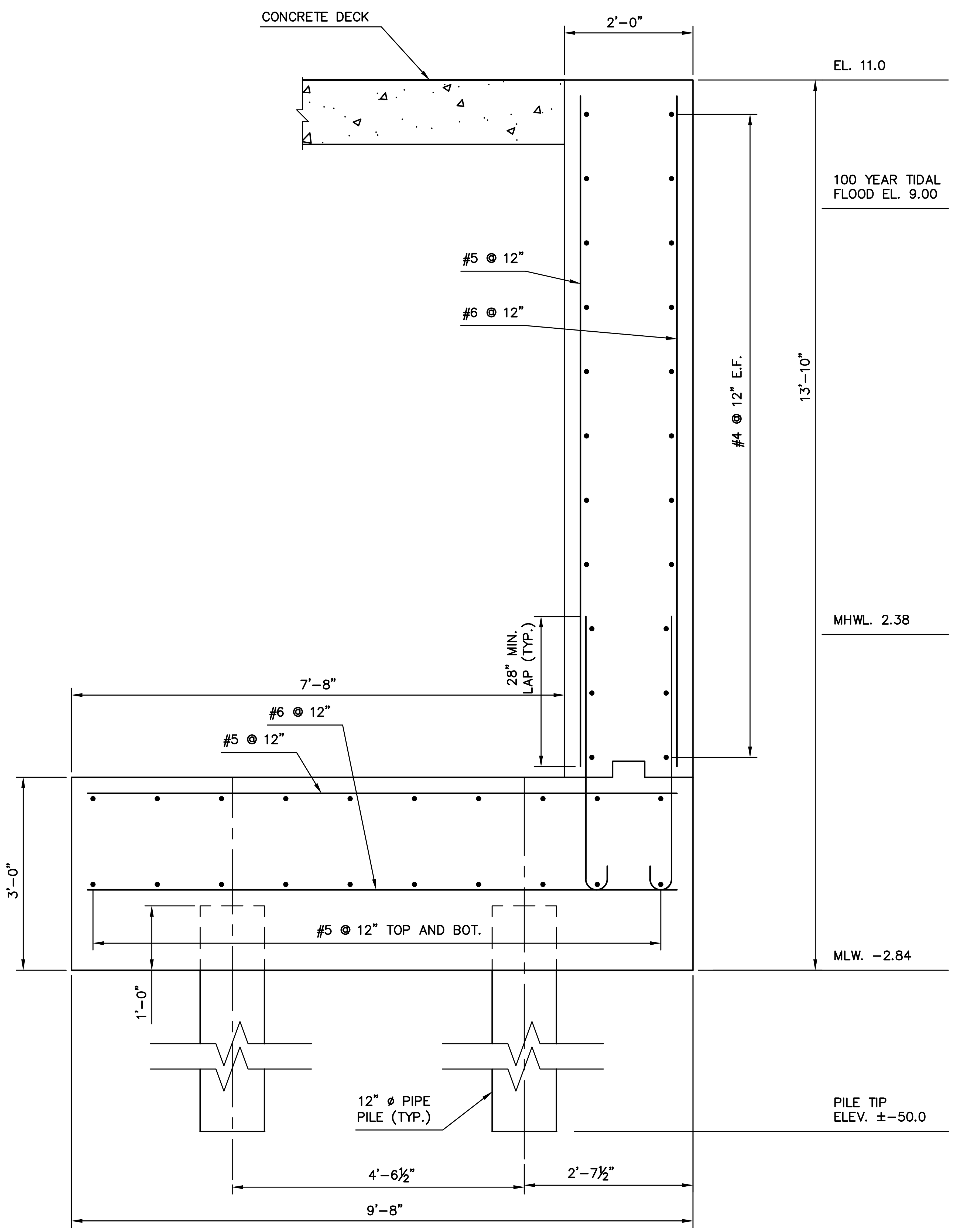
PROFESSIONAL ENGINEER N.J. LIC. 31605

500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
DECK PLANK DETAILS
CITY OF NEWARK
ESSEX COUNTY New Jersey

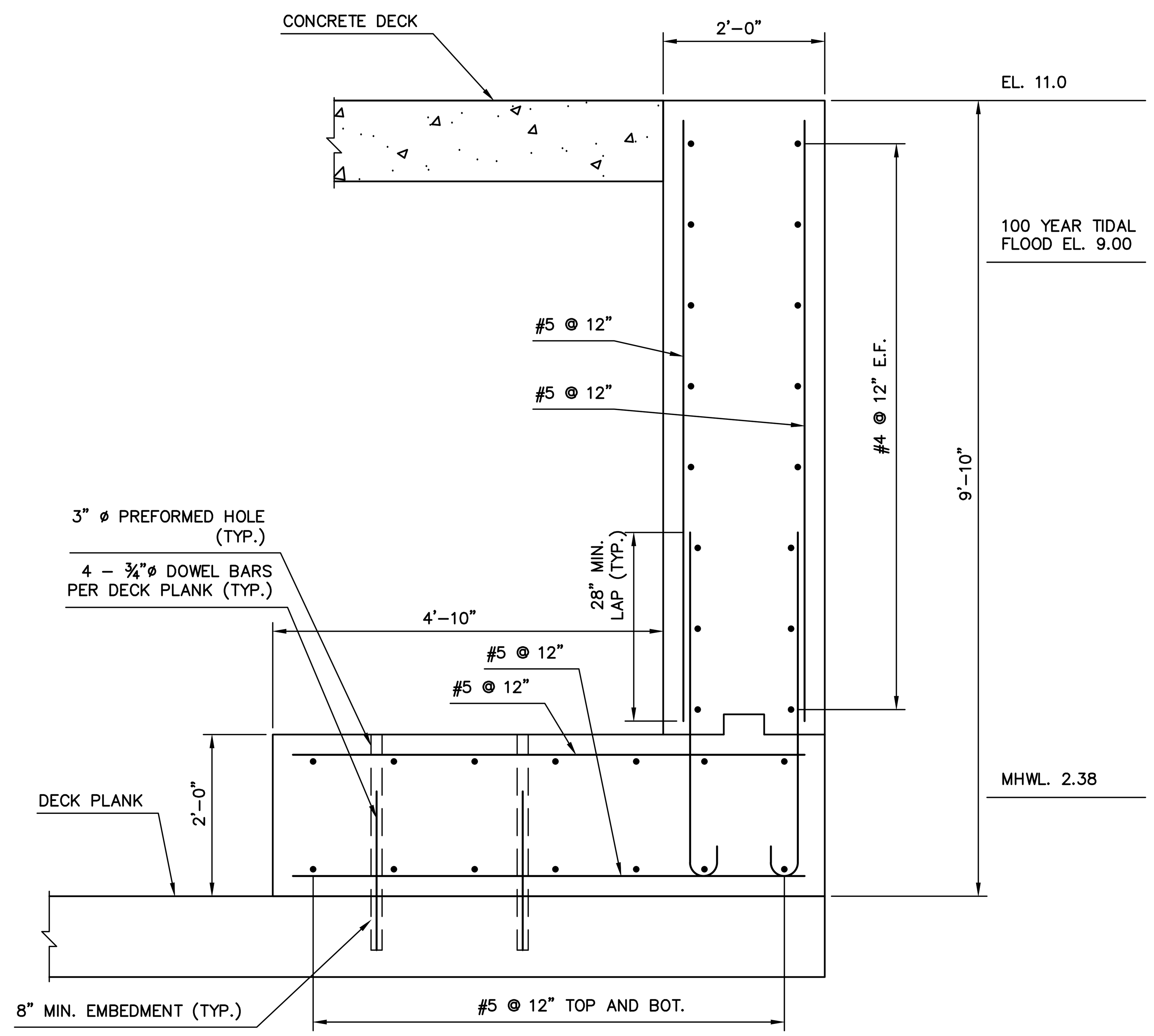
SURVEYED BY: AB DRAWN BY: CL | DESIGNED BY: TWO CHECKED BY: CJN | SCALE: AS NOTED | JOB NO. 16-124 | DATE: 2/10/23

CADD FILE: 21-154-ST SHEET 8 OF 11

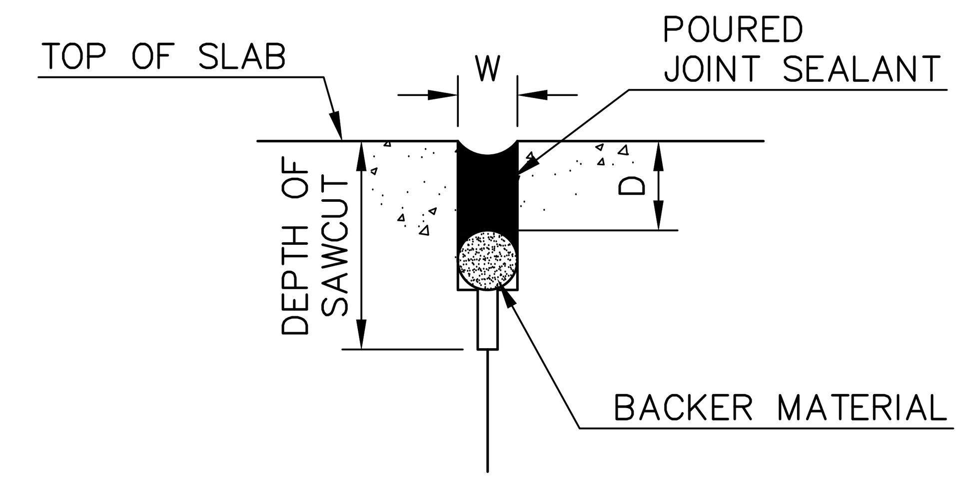
NOTES:
1. SEE SHEET 5 FOR GENERAL NOTES.



SEAWALL 2 TYPICAL SECTION
SCALE: 3/4" = 1'-0"



SEAWALL 1 TYPICAL SECTION
SCALE: 3/4" = 1'-0"

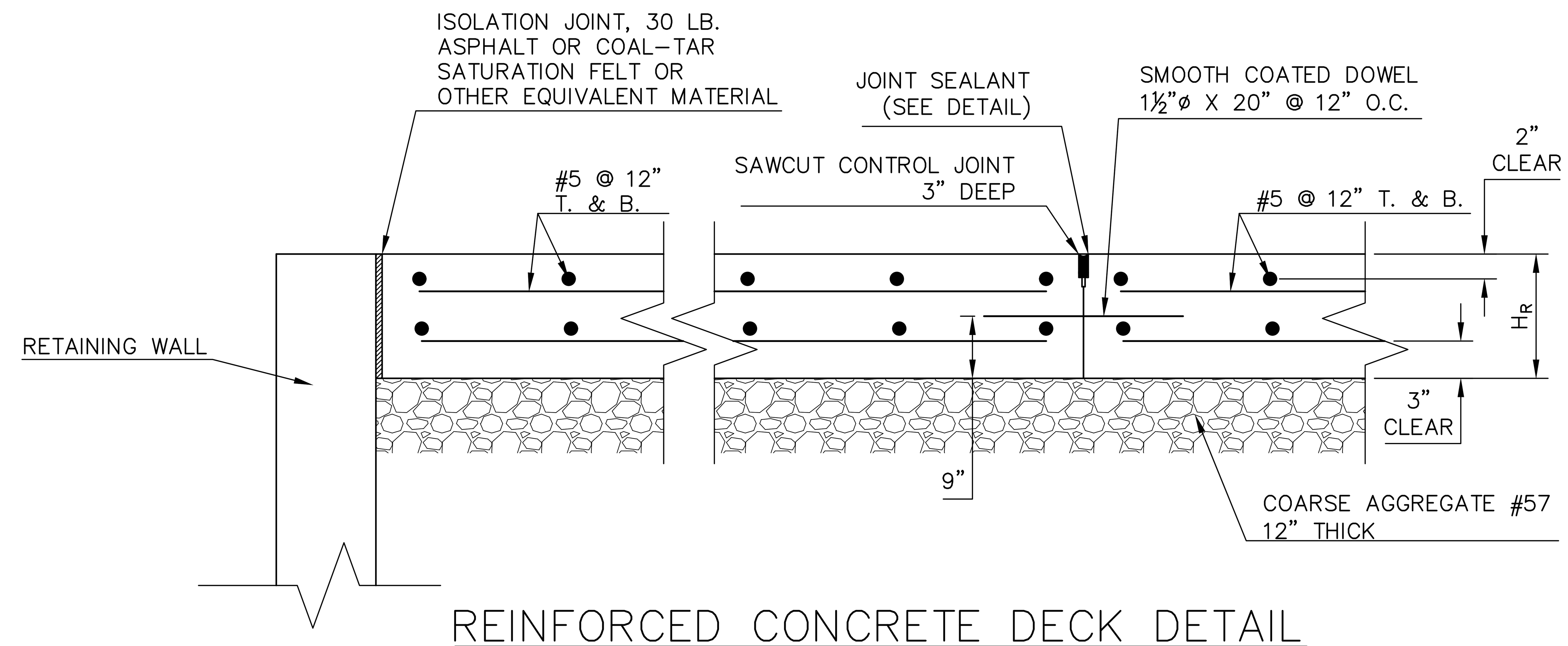


JOINT SPACING	WIDTH OF SEALANT "W"
< 25'	½" TO ⅝"
25' TO 50'	¾" TO ⅞"
> 50'	1" TO 1⅛"

NOTES:

1. BACKER MATERIAL REQUIRED TO PREVENT JOINT SEALANT FROM FLOWING INTO SAWCUT AND TO PREVENT SEALANT FROM BONDING TO THE BOTTOM OF THE RESERVOIR.
2. TOP OF SEALANT MUST BE ⅛" TO ¼" BELOW THE TOP OF SLAB.
3. DEPTH OF SEALANT "D" SHALL BE 1.0 TO 1.5 TIMES THE WIDTH OF SEALANT "W".

JOINT SEALANT DETAIL
SCALE N.T.S.



REINFORCED CONCRETE DECK DETAIL
SCALE N.T.S.

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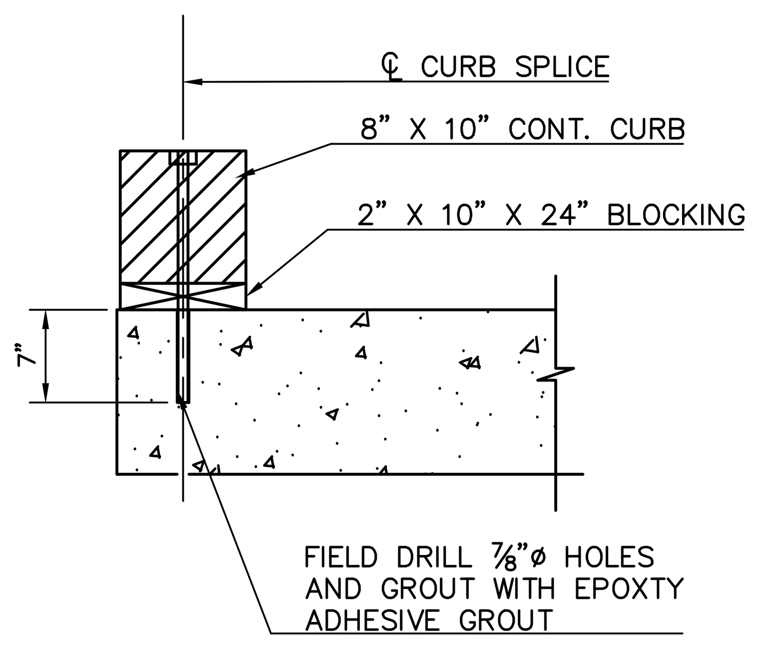
500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
WALL DETAILS
CITY OF NEWARK
ESSEX COUNTY New Jersey

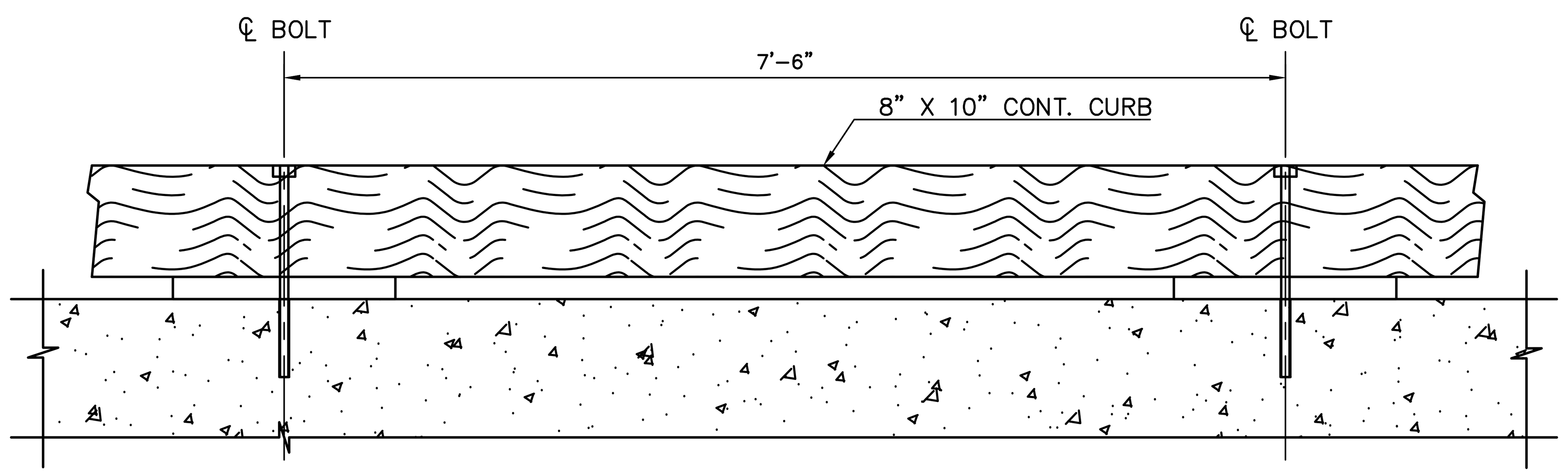
SURVEYED BY: AB DRAWN BY: CL | DESIGNED BY: TWO CHECKED BY: CJN | SCALE: AS NOTED | JOB NO. 16-124 | DATE: 2/10/23

CADD FILE: 21-154-ST SHEET 9 OF 11

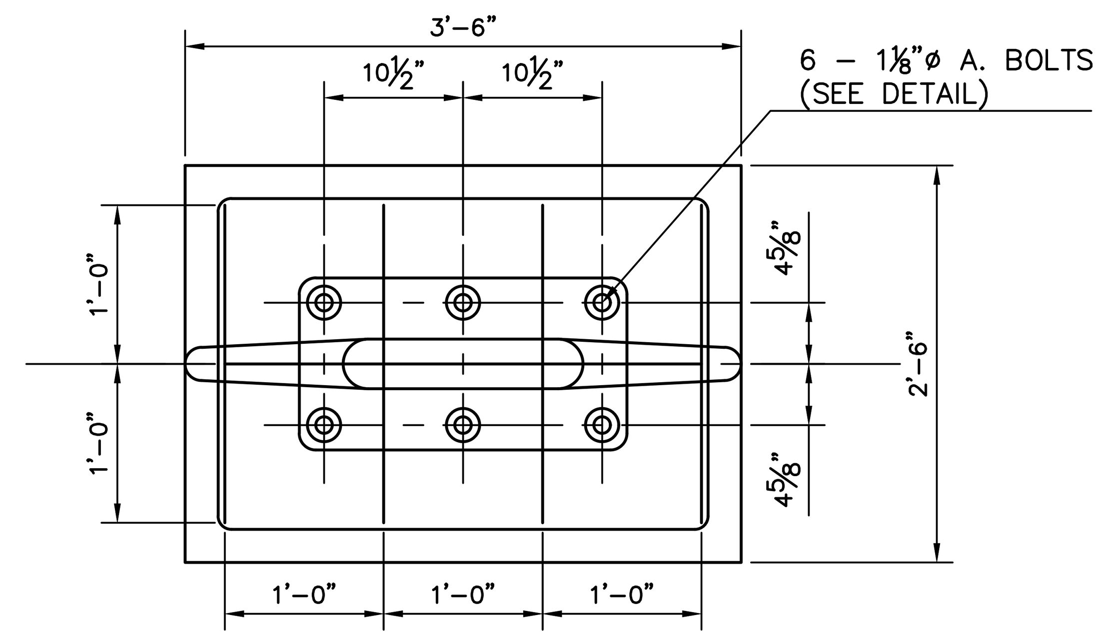
NOTES:
1. SEE SHEET 5 FOR GENERAL NOTES.
2. SEE SHEET 6 FOR CLEAT LOCATIONS.



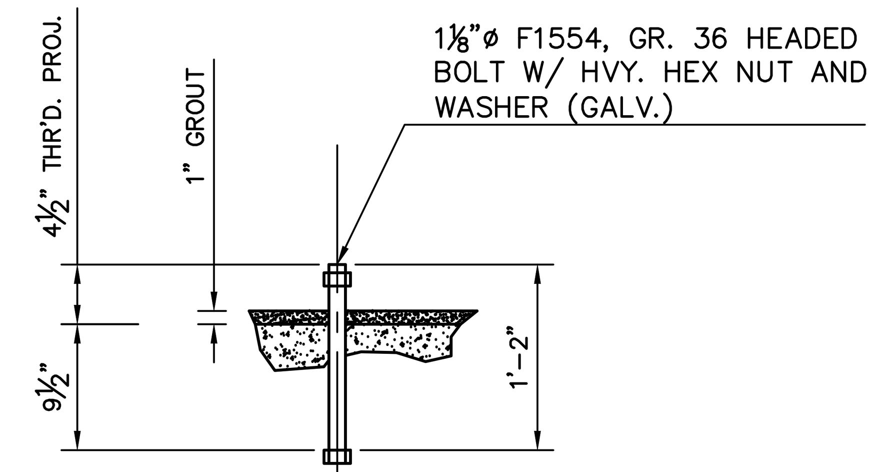
TYP. SECTION



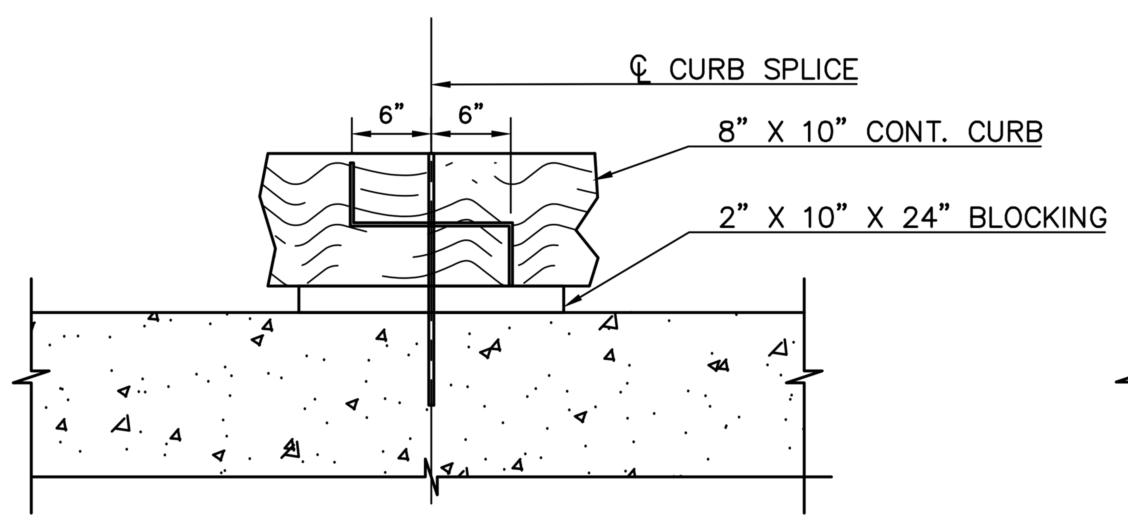
TYP. ELEVATION



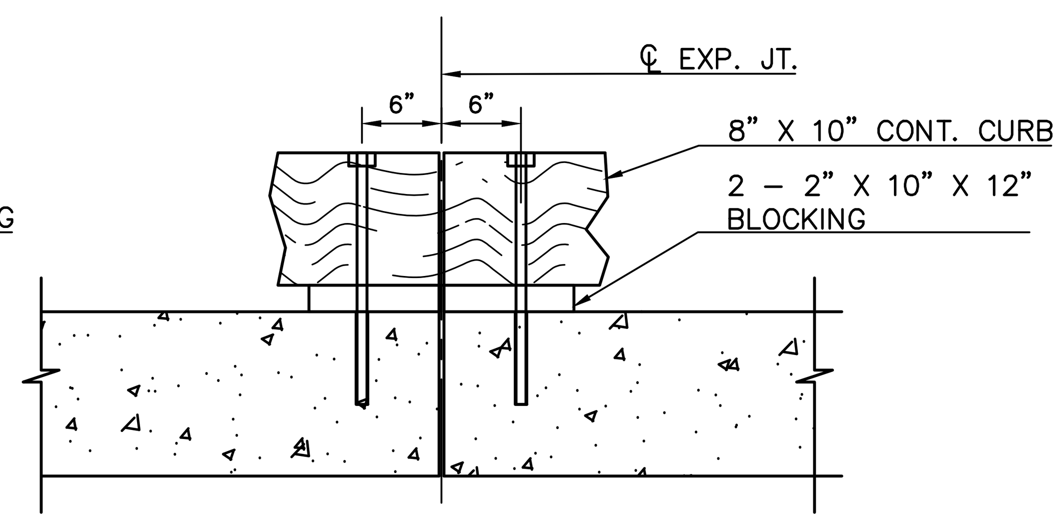
TYP. CLEAT DETAIL
SCALE: 1" = 1'=0"



BOLT DETAIL
SCALE: 1" = 1'=0"

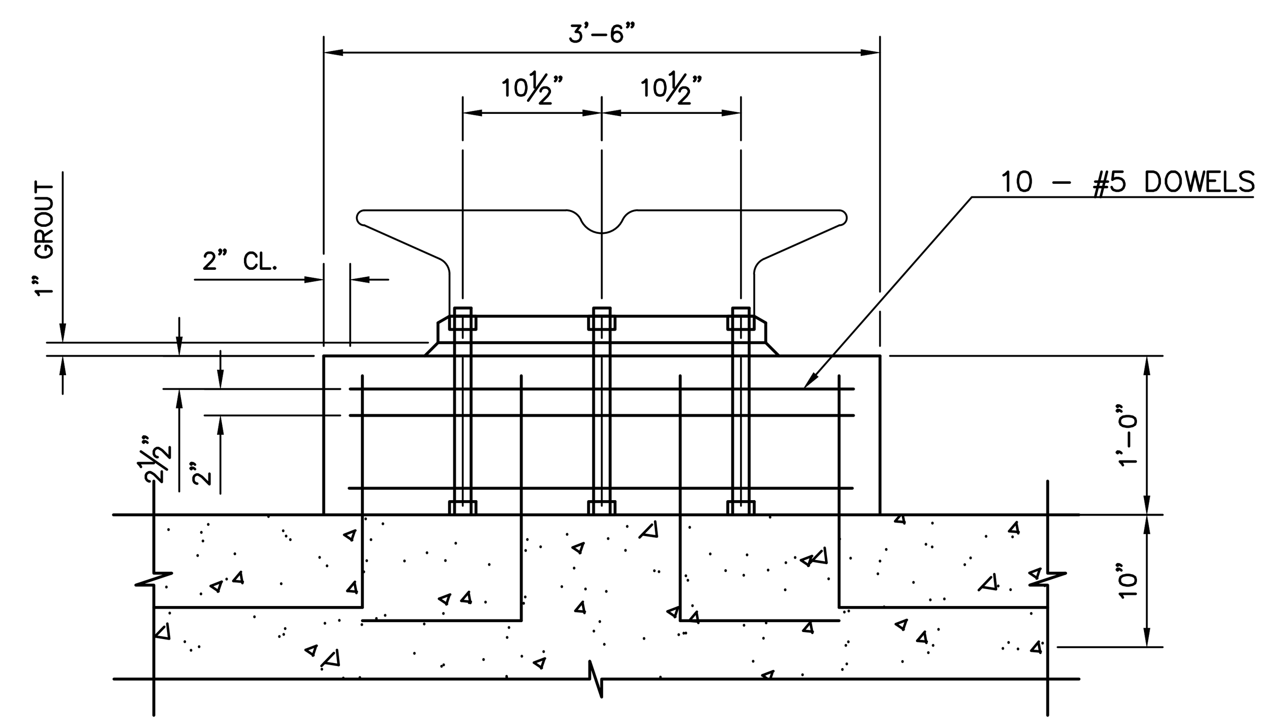


TYP. @ SPLICE

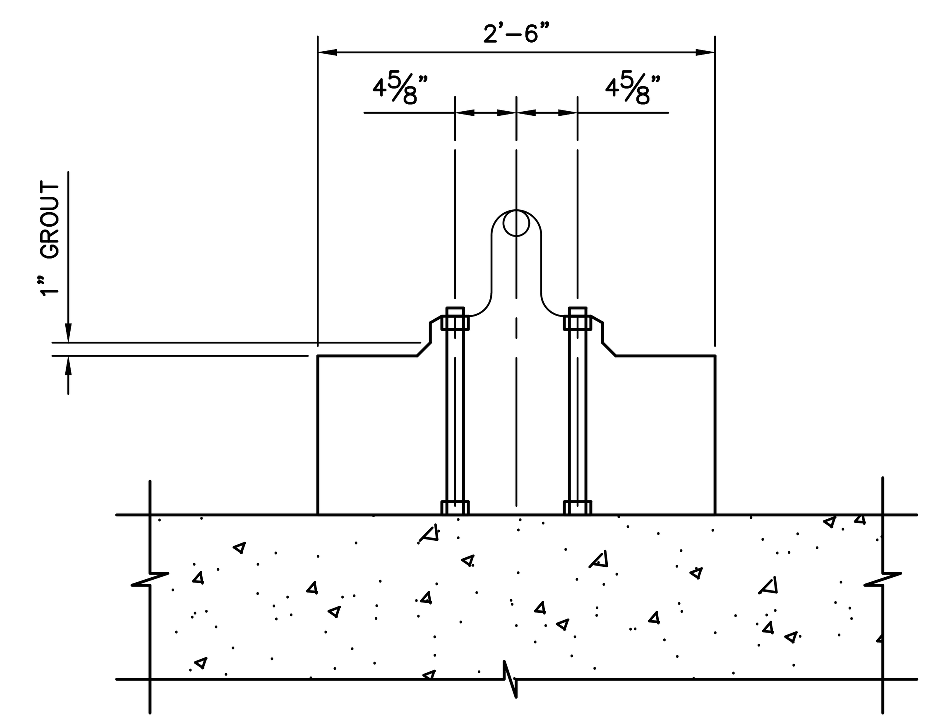


TYP. @ EXP. JOINT

TYP. TIMBER CURB DETAILS
SCALE: 1" = 1'=0"



SECTION E–E
SCALE: 1" = 1'=0"



SECTION F–F
SCALE: 1" = 1'=0"

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PLOT BY: tofallon PLOT DATE: 1/18/2024 10:38 AM

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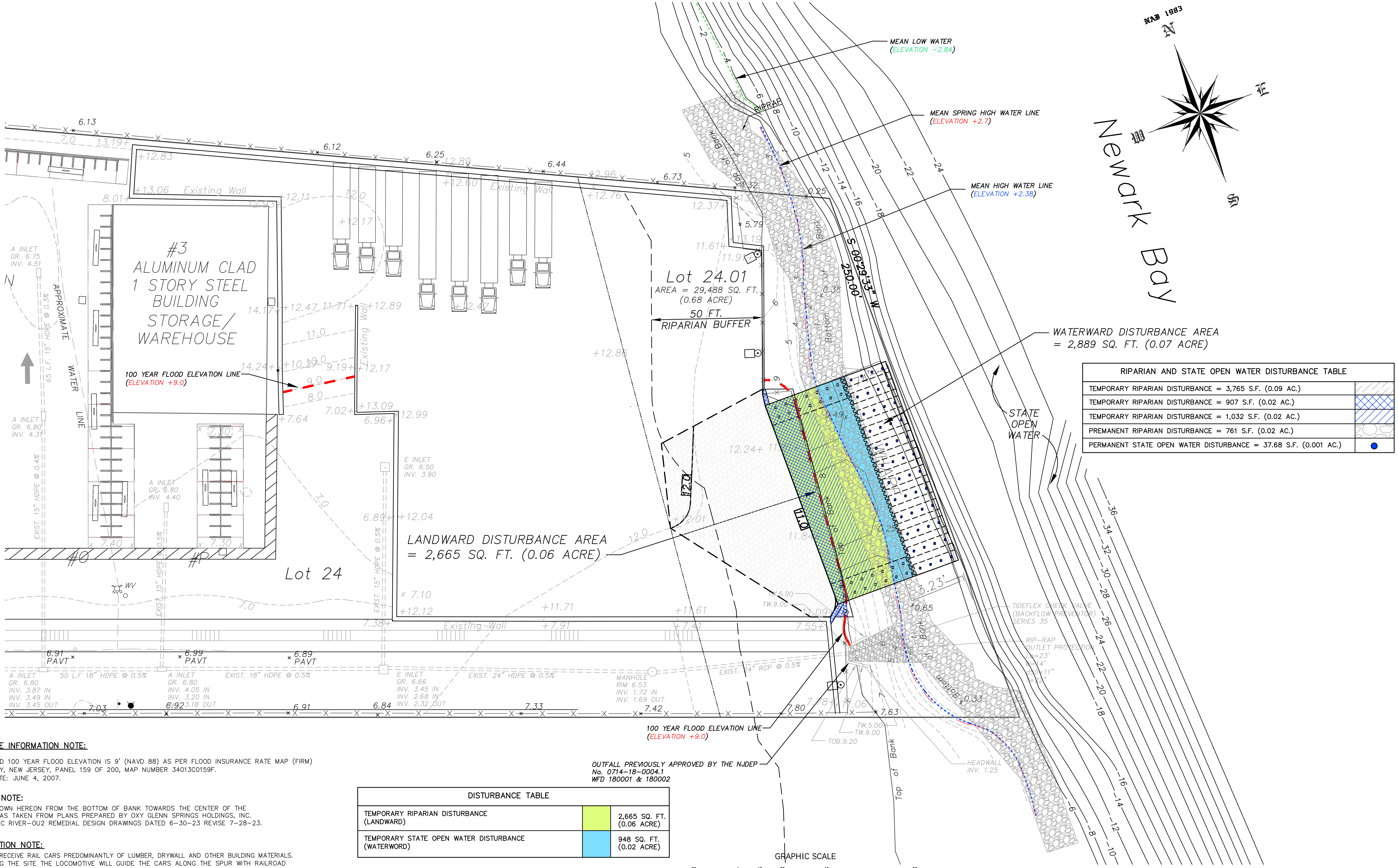
CHRISTOPHER J. NASH
PROFESSIONAL ENGINEER N.J. LIC. 31605

500 DOREMUS AVENUE
PROPOSED PIER REPLACEMENT
MISCELLANEOUS DETAILS
CITY OF NEWARK
ESSEX COUNTY New Jersey

SURVEYED BY: AB
DRAWN BY: CL
DESIGNED BY: TWO
CHECKED BY: CJN
SCALE: AS NOTED
JOB NO. 16–124
DATE: 2/10/23

CADD FILE: 21–154–ST



RIPARIAN AND STATE OPEN WATER DISTURBANCE TABLE	
TEMPORARY RIPARIAN DISTURBANCE = 3,765 S.F. (0.09 AC.)	
TEMPORARY RIPARIAN DISTURBANCE = 907 S.F. (0.02 AC.)	
TEMPORARY RIPARIAN DISTURBANCE = 1,032 S.F. (0.02 AC.)	
PREMANENT RIPARIAN DISTURBANCE = 761 S.F. (0.02 AC.)	
PERMANENT STATE OPEN WATER DISTURBANCE = 37.68 S.F. (0.001 AC.)	

FLOOD ZONE INFORMATION NOTE:

THE APPROVED 100 YEAR FLOOD ELEVATION IS 9' (NAVD 88) AS PER FLOOD INSURANCE RATE MAP (FIRM) ESSEX COUNTY, NEW JERSEY, PANEL 159 OF 200, MAP NUMBER 34013C0159F. EFFECTIVE DATE: JUNE 4, 2007.

REFERENCE NOTE:

CONTOURS SHOWN HEREON FROM THE BOTTOM OF BANK TOWARDS THE CENTER OF THE NEWARK BAY AS TAKEN FROM PLANS PREPARED BY OXY GLENN SPRINGS HOLDINGS, INC. LOWER PASSAIC RIVER-OU2 REMEDIAL DESIGN DRAWINGS DATED 6-30-23 REVISE 7-28-23.

RAIL OPERATION NOTE:

THE SITE WILL RECEIVE RAIL CARS PREDOMINANTLY OF LUMBER, DRYWALL AND OTHER BUILDING MATERIALS. UPON ENTERING THE SITE THE LOCOMOTIVE WILL GUIDE THE CARS ALONG THE SPUR WITH RAILROAD PERSONNEL ON FOOT IN FRONT OF, AND BEHIND THE MOVING RAIL CARS. THEY WILL EXIT THE SITE IN THE SAME FASHION. WHILE ON SITE, PRODUCT WILL BE UNLOADED FROM THE RAIL CARS BY TRAINED PERSONNEL OPERATING UNDER STRICT SAFETY PROTOCOL, (INCLUDING, APPLYING MANUAL BRAKES AND CHOCKING OF RAIL CAR WHEELS, CONES/FLAGS INDICATING RAIL CAR UNLOADING IN PROGRESS, AND ADDITIONAL TRAINED PERSONNEL TO GUIDE PEDESTRIAN AND VEHICULAR TRAFFIC ACCORDINGLY).

DISTURBANCE TABLE		
TEMPORARY RIPARIAN DISTURBANCE (LANDWARD)		2,665 SQ. FT. (0.06 ACRE)
TEMPORARY STATE OPEN WATER DISTURBANCE (WATERWORD)		948 SQ. FT. (0.02 ACRE)

* ALL PROPOSED TEMPORARY RIPARIAN DISTURBANCES ARE NON-VEGETATIVE AND NOT SUBJECT TO THE LIMITS SET FORTH AT NJAC 7:13-11.2(f) TABLE 11.2

NO.	DATE	DESCRIPTION	SURVEYED BY	DRAWN BY	DESIGNED BY	CHECKED BY

BOSWELL ENGINEERING
ENGINEERS – SURVEYORS – PLANNERS – SCIENTISTS
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EXISTING WHARF RECONSTRUCTION
BLOCK 5070 LOT 24.01
ENVIRONMENTAL PERMITING PLAN
CITY OF NEWARK
ESSEX COUNTY NEW JERSEY

SURVEYED BY / DRAWN BY G.K.T.	DESIGNED BY F.J.R. / CHECKED BY F.J.R.	SCALE: 1" = 20'	JOB NO. 16-124	DATE AUGUST 2023

DRAWING NO. 16-124-WENV SHEET 11 OF 11