

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, SC 29403-5107

and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
North Charleston, South Carolina 29405

REGULATORY DIVISION

Refer to: P/N SAC-1998-11510

February 5, 2025

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

Mr. Chris Vaigneur
Marine Corps Air Station Beaufort
NREAO PO Box 55001
Beaufort, South Carolina 29904

for a permit modification to replace and modify the existing pier in

Brickyard Creek/ Atlantic Intracoastal Waterway (AIWW)

located on the MCAS Beaufort, Merritt Field facility in Beaufort County, South Carolina (Latitude: 32.4661°, Longitude: -80.6918 °).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

and **SCDES** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

Applicant's Stated Purpose

According to the applicant, the purpose of the proposed project is to replace the pier to provide a functional, efficient, and safe means of ship to shore operations to support training and readiness at MCAS Beaufort.

Project Description

The proposed work consists of replacing the existing pier which has become structurally deficient. In detail, Marine Corps Air Station Beaufort (MCAS Beaufort) is seeking authorization to remove portions of the current pier that are structurally deficient and replace it with a new configuration that supports the Department of Defense Unified Facilities Criteria. This entails reconstructing the deck pier with a pile supported approach with one-way vehicle travel lane instead of the existing two-way travel lane. The old deck pier is 187.27 feet long with a 351.92 feet long T-Head with additional two non-driving gangways leading to the existing breasting dolphin structures. The new single deck pier will be reconfigured as a one-way approach, a smaller footprint, and a reconfigured main decking. Overall, the new structure will be 341.75 feet long x 23 feet wide leading to a 25.5-foot x 50.5' landing with 157.2 feet x 50-foot-long T-Head Pier. On the southern side of the deck pier a gangway will lead to a 10' x 14' platform with a gangway leading waterward to a is the new Boom Reel Float (40 feet x 26.3 feet). Another gangway will lead from the 10-foot x 14-foot platform and connect to the existing floating dock and canopy. These new structures are being constructed within the existing space between the breasting dolphins and the existing floating dock and canopy. Utilities will be supported on the pier and protected by containment curbing on either side. Once completed, the facility will serve as a berthing/mooring pier for off-loading vessels.

Avoidance and Minimization

The applicant has stated that the proposed project will avoid and/or minimize impacts to the aquatic environment by ensuring the footprint is as small as feasible and still comply with Department of Defense (DoD) orders to have a functional, efficient, and safe means of ship to shore operations. The new project fuel pier is 0.39-acre area combined with all existing features to total a 0.54-acre footprint. The existing pier configuration is currently 0.87-acre. The existing pier extends approximately 341.75 feet into Brickyard Creek at its longest point over unconsolidated river bottom. The new pier will not extend further into the channel of Brickyard Creek as depicted on Figures. Further, the applicant will utilize soft start procedures for impact pile driving and pile driving activities will be conducted at low tide to the extent possible. During construction the applicant will install a turbidity curtain to limit turbidity for in-water work and utilize

the Manatee Protection Measures during construction. Lastly, the applicant proposes to utilize other best management practices throughout construction to minimize and control sediment leaving the site and entering waterways.

Proposed Compensatory Mitigation

The applicant has not proposed mitigation as the majority of impacts are shading over unconsolidated river bottom.

South Carolina Department Environmental Services

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the certifying authority, South Carolina Department of Environmental Services, in accordance with provisions of Section 401 of the Clean Water Act (CWA). The CWA Section 401 Certification Rule (Certification Rule, 40 CFR 121), effective September 11, 2020, requires certification, or waiver, for any license or permit that authorizes an activity that may result in a discharge. The scope of a CWA Section 401 Certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. The applicant is responsible for requesting certification and providing required information to the certifying authority. In accordance with Certification Rule part 121.12, the Corps will notify the U.S. Environmental Protection Agency Administrator when it has received a Department of the Army (DA) permit application and the related certification. The Administrator is responsible for determining if the discharge may affect water quality in a neighboring jurisdiction. The DA permit may not be issued pending the conclusion of the Administrator's determination of effects on neighboring jurisdictions.

The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the South Carolina Department of Environmental Services. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would reduce the shading impacts from the existing 0.87 acres to the new reconfiguration of 0.54-acre impact of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse

impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the proposed project and based on location and available information, the following species have the potential to occur in the vicinity of the proposed work:

Based on all information provided by the applicant and the most recent available information, the District Engineer has determined the following:

The project will have no effect on Atlantic sturgeon, shortnose sturgeon, green sea turtle, Kemp's Ridley sea turtle, leatherback sea turtle, and the loggerhead sea turtle. Federally endangered or threatened species have the potential to inhabit the vicinity of the project and will not result in the destruction or adverse modification of designated or proposed critical habitat.

The project is not likely to adversely affect the American wood stork, Eastern black rail, and West Indian manatee. This public notice serves as a request to the U.S. Fish and Wildlife Service (USFWS project code: 2025-0034261) and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

Cultural Resources

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that there are historic properties present, but they will not be affected; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

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.

Corps' 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. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

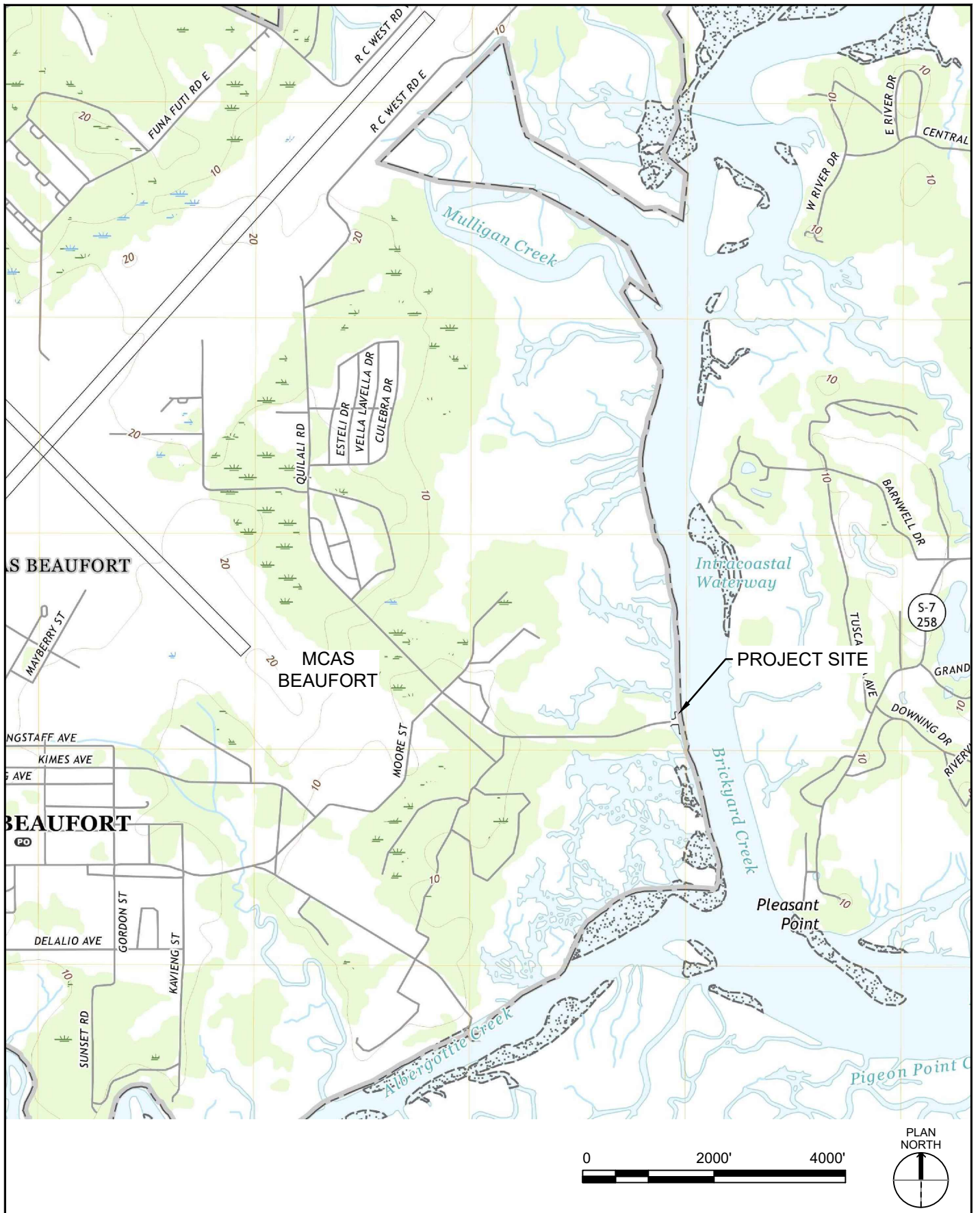
Solicitation of Public Comment

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 activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Please submit comments in writing, identifying the project of interest by public notice/file number SAC 1998-11510 at the following address:

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, SC 29403-5107**

If there are any questions concerning this public notice, please contact L. Chantelle Carroll, Project Manager, at (843) 329-8190, or by email at Lchantelle.carroll@usace.army.mil.



DATE
DECEMBER
2023



P-502 REPLACE PIER
MCAS BEAUFORT - BEAUFORT, SC



USGS TOPOGRAPHIC MAP

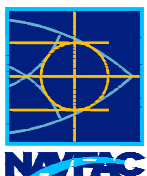
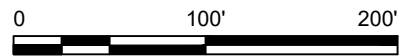
FIG. NO.
2



POINT ID	LATITUDE	LONGITUDE
101	32°27'57.74"N	80°41'31.88"W
102	32°27'59.39"N	80°41'30.92"W
103	32°27'59.51"N	80°41'29.99"W
104	32°28'0.88"N	80°41'29.02"W
105	32°27'59.73"N	80°41'28.57"W
106	32°27'58.79"N	80°41'28.41"W
107	32°27'57.85"N	80°41'28.56"W
108	32°27'55.65"N	80°41'28.33"W
109	32°27'55.21"N	80°41'28.67"W
110	32°27'56.04"N	80°41'29.70"W

POINT ID	LATITUDE	LONGITUDE
111	32°27'57.34"N	80°41'32.13"W
112	32°27'58.09"N	80°41'29.12"W
113	32°27'58.63"N	80°41'28.89"W
114	32°27'58.69"N	80°41'28.31"W
115	32°27'56.88"N	80°41'28.08"W

 EXISTING PIER TO BE DEMOLISHED
 PROPOSED PIER



DATE
DECEMBER
2023



P-502 REPLACE PIER
MCAS BEAUFORT - BEAUFORT, SC

PIER COORDINATES

FIG. NO.
3



Structure	Approximate Area (sf)	Approximate Area (acres)
Original Beaufort Fuel Pier	37923.38	0.87060101
Proposed Fuel Pier	17245.45	0.395901056
Total Area Fuel Pier Reconstruction ¹	23893.97	0.548530073

1 - Includes areas of original pier to remain and new pier elements.



CRITICAL AREA - NO IMPACT
 TOP OF PIER DECK EL +14.5 NAVD88
 BOTTOM OF PIER DECK EL +13 NAVD88
 EXISTING MUDLINE EL +3.0 NAVD88

NEW PILE INSTALLATION (PERMANENT FILL IMPACTS)

PROPOSED PIER PILES	TOTAL	AREA (square feet)
18" Square P/S Precast Concrete Piles	110	247.5
18" Square P/S Precast Concrete Guide Piles	4	9
18" Square P/S Precast Concrete Fender Piles	35	78.8
54" Diameter Steel Pipe Piles	2	31.8

NEW RIPRAP INSTALLATION (PERMANENT FILL IMPACTS)

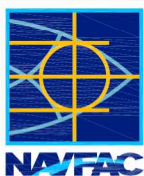
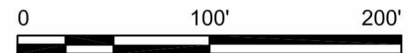
PERMANENT FILL IMPACTS	VOLUME (cubic yards)	AREA (square feet)
Riprap Revetment	200	1500

TEMPORARY CONSTRUCTION IMPACTS

TEMPORARY FILL IMPACTS	VOLUME (cubic yards)	UNITS
Pile Extraction (Temporary Discharge of Material)	250	cubic yards
Construction Barge Spuds (Temporary Discharge of Material)	80	cubic yards

LEGEND

- EXISTING PIER TO BE DEMOLISHED
- EXISTING PIER TO REMAIN
- PROPOSED PIER
- CRITICAL AREA LINE
- EXISTING RIPRAP REVETMENT
- PROPOSED RIPRAP REVETMENT



DATE
 DECEMBER
 2023



P-502 REPLACE FUEL PIER
 MCAS BEAUFORT BEAUFORT, SC

PROPOSED WATERS OF THE U.S.
 IMPACT MAP

FIG. NO.
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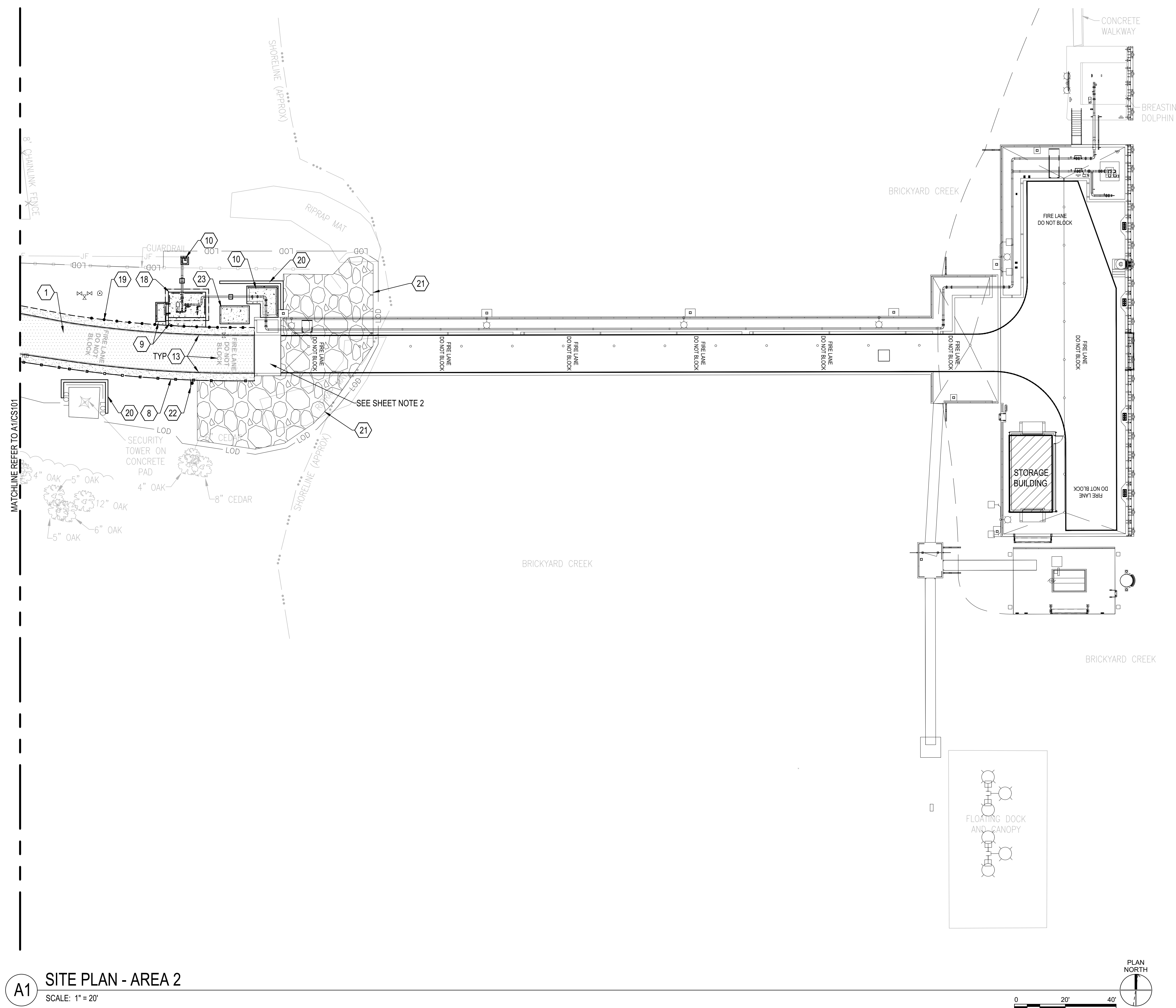
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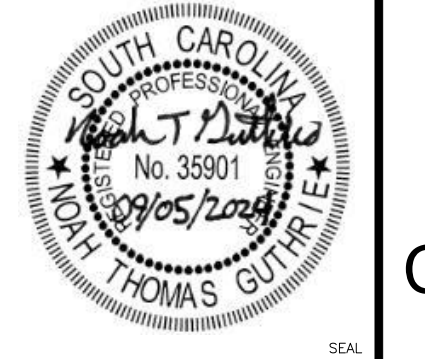
SHEET NOTES

- SEE SHEET C-001 FOR CIVIL NOTES, LEGEND AND ABBREVIATIONS.
- SEE STRUCTURAL SHEETS SB001 TO SB601 FOR PIER CONSTRUCTION.

SHEET KEYNOTES

- ASPHALT ACCESS DRIVE A2
CS501
- SCDOT MGS3 GUARDRAIL A3
CS502
- CONCRETE LANDING PAD - SEE SHEET S-521 FOR CONTINUATION C2
CS501
- ISOLATED CONTAINMENT PAD - SEE SHEET S-501
- FIRE LANE PAVEMENT MARKING D1
CS501
- CONCRETE PAD FOR FUEL STRIPPING EQUIPMENT AND CONCRETE STAIR - SEE SHEET S-121
- REMOVABLE BOLLARD (TYP OF 13) SPACED AT 5' O.C. D2
CS502
- SEGMENTAL BLOCK RETAINING WALL A3
CG401
- RIPRAP SHORELINE STABILIZATION. EXTEND RIPRAP BENEATH PIER TRESTLE AS SHOWN. C3
CS502
- REINSTALL EXISTING SIGN. PROVIDE STEEL U-CHANNEL SIGN POST. A1
CS501
- CONCRETE PAD FOR BACKFLOW PREVENTER ENCLOSURE - 11'-7" X 7'-1" B2
CS501

REV	DESCRIPTION	DATE	APPR
0	ISSUED FOR CONSTRUCTION	09/05/2024	NG



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

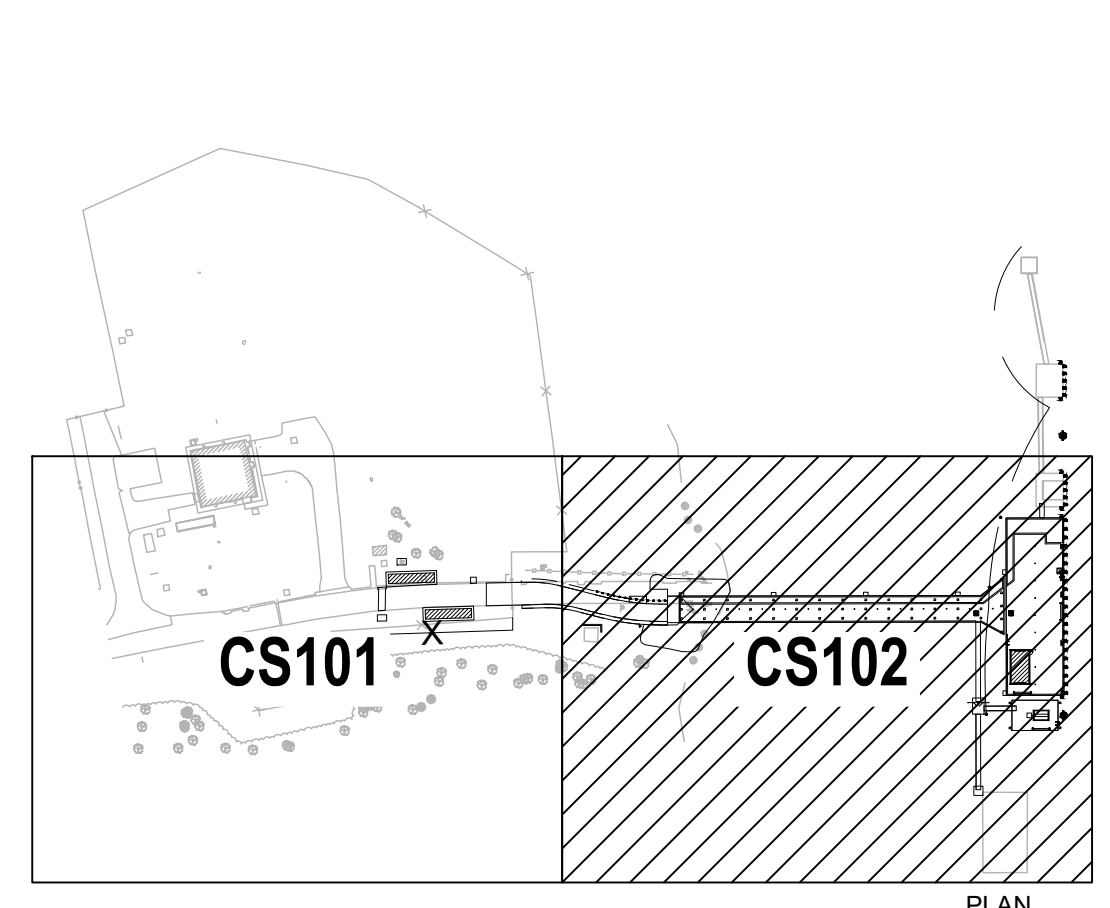
APPROVED BY JEREMY B. GATES P.E.
MCSAS BEAUFORT TWO AND BRYAN GRAPPE P.E.
PROJECT MANAGER, DLA ENERGY

SATISFACTORY TO DATE: 09/05/2024

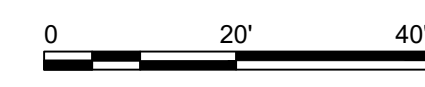
DES	NTG	DRW	NTG	CHK	MLC
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PM/DM: CGMELT
BRANCH MANAGER: DLB
CHIEF ENGINEER: EJA
FIRE PROTECTION: HPN

KEY PLAN



A1 SITE PLAN - AREA 2
SCALE: 1" = 20'



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MID-ATLANTIC
NAVAL STATION INDRBQGLK - INDRBQGLK - NORFOLK, VA
MIDJANT DBEL
MCSAS BEAUFORT
BEAUFORT, SC

P-502 REPLACE FUEL PIER
SITE PLAN - AREA 2

SCALE: AS NOTED
PROJECT NO.: 1731481
CONSTR. CONTR. NO.: N40085-18-D-0600
NAVFAC DRAWING NO.: 12901814
SHEET 22 OF 213
CS102
DRAWING REVISION: 25 AUG 2020

FILE NAME: \\mcsas\dfs\clients\anf\usnavy\midatl\waterfront\001\152646_P502\FE\PER\Design\Civil\Sheets\PER502-1731481-CS101 to CS102.dwg LAYOUT NAME: CS102 PLOTTED: Thursday, August 22, 2024 - 11:52pm USER: ngutierrez

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SHEET NOTES

1. FOR PRECAST CONCRETE PANEL DETAILS, SEE B1/SB509 AND C1/SB509.

PG	APPR
0	
SYMBOL	DESCRIPTION
	ISSUED FOR CONSTRUCTION
	DATE
	09/05/2024



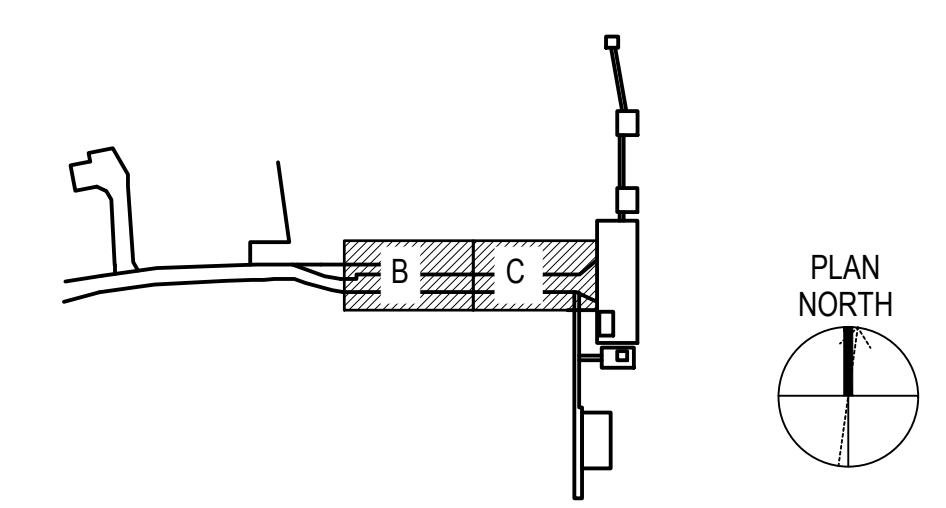
SHEET KEYNOTES

- 14. 18" SQUARE PRESTRESSED PRECAST CONCRETE PILE
- 15. PRECAST CONCRETE BENT CAP
- 27. DRAIN HOLE BLOCKOUT
- 30. ELECTRICAL HANDHOLE OPENING
- 33. PRECAST CONCRETE PANEL

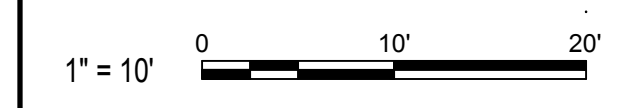
LEGEND

- ① BENT DESIGNATION
- Ⓐ PILE ROW DESIGNATION
- Ⓐ PRECAST CONCRETE PANEL DESIGNATION, SEE NOTE 1

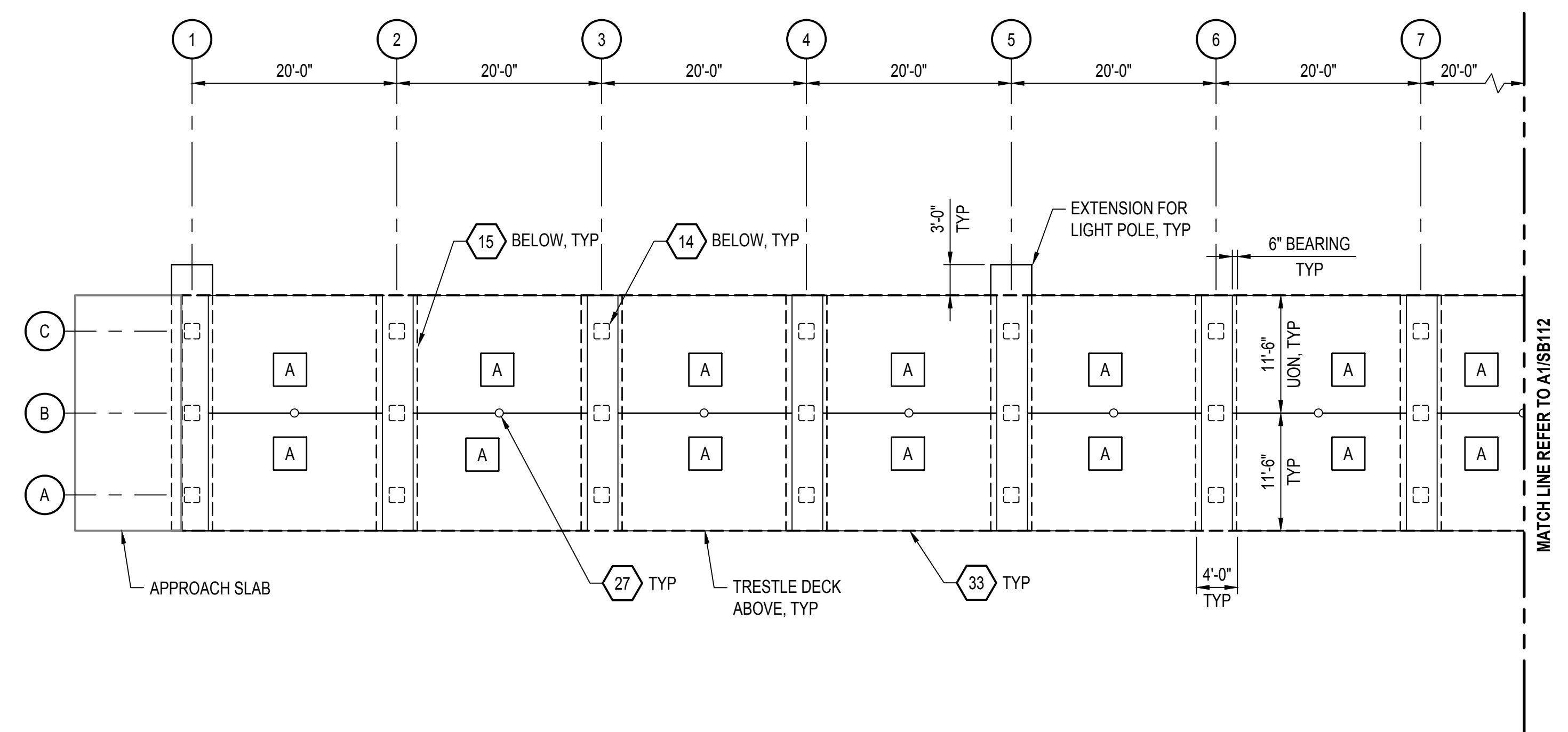
KEY PLAN



GRAPHIC SCALE(S)

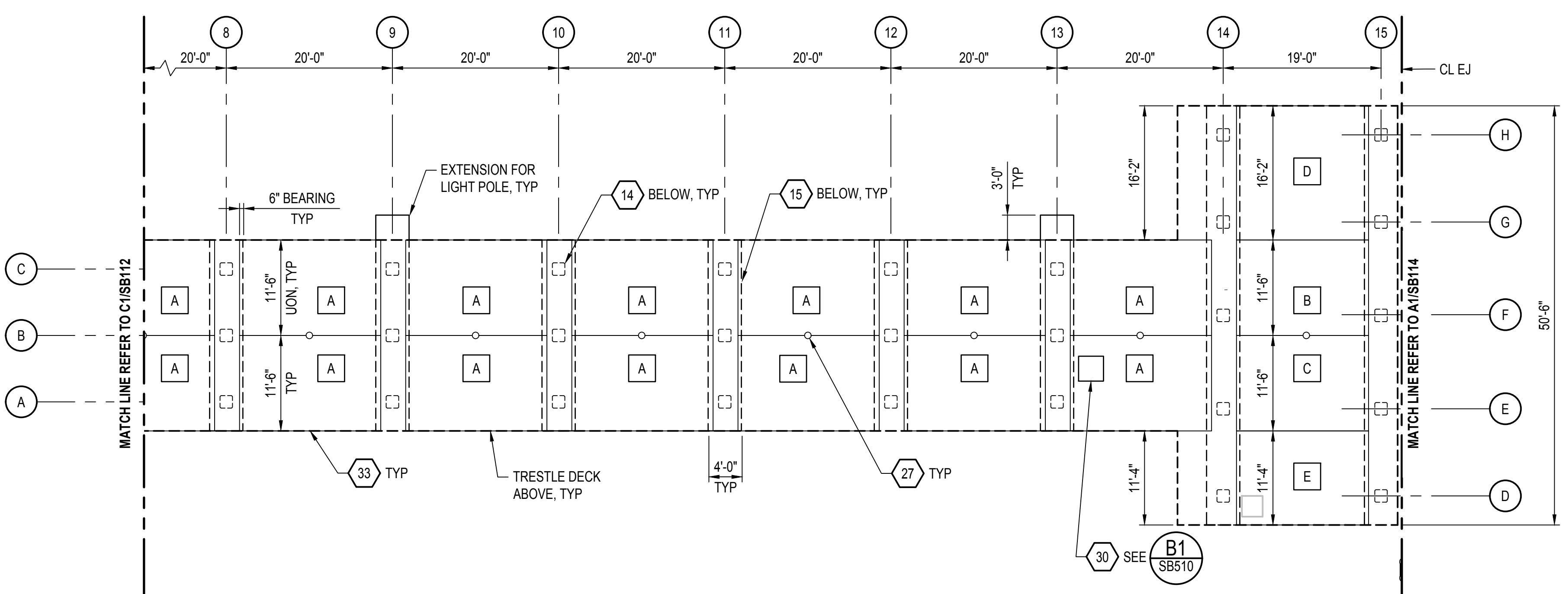


SCALE:	AS NOTED
PROJECT NO.:	1731481
CONSTR. CONTR. NO.:	N40085-18-D-0600
NAVFAC DRAWING NO.:	12901847
SHEET	55 OF 213
SB112	



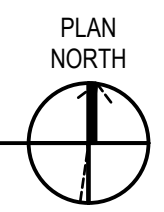
C1 TRESTLE - PRECAST PANEL PLAN - AREA B

SCALE: 1" = 10' SB100



A1 TRESTLE - PRECAST PANEL PLAN - AREA C

SCALE: 1" = 10' SB100



FILE NAME: C:\WORK\10000-31\20 CAD\Drawings\SB112.dwg LAYOUT NAME: TRESTLE - PRECAST PANEL PLAN - AREA B & C PLOTTED: Thursday, August 23, 2024 - 1:07pm USER: wcdiel

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SHEET NOTES

- 1. FOR FIRE LANE STRIPING SEE SHEET SB130.
- 2. FOR REINFORCED CONCRETE TOPPING SLAB, SEE **B1** SB511.

PG	APPR
09/05/2024	DATE
ISSUED FOR CONSTRUCTION	SYN
0	DESCRIPTION



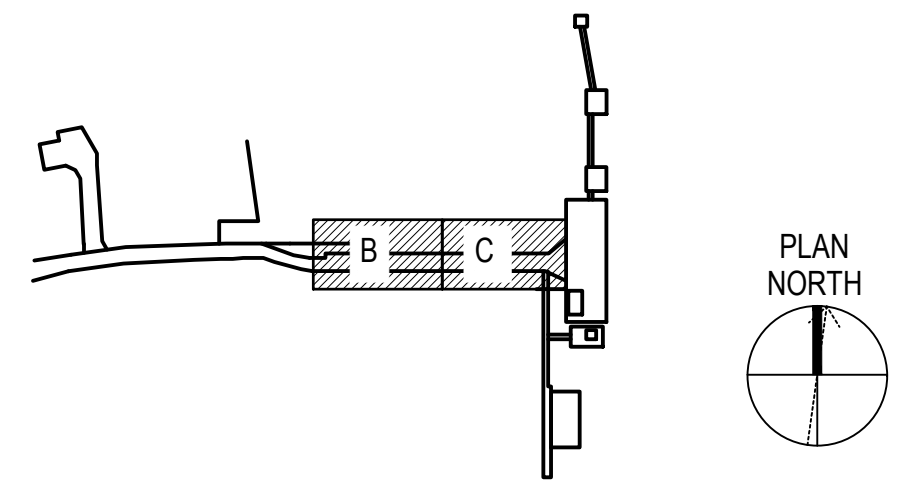
SHEET KEYNOTES

- 1. APPROACH TRESTLE
- 3. PIPELINE CORRIDOR
- 7. ALUMINUM GANGWAY
- 16. CAST-IN-PLACE CONCRETE CURB
- 18. ARMORED EXPANSION JOINT
- 24. PERMANENT ENVIRONMENTAL BOOM
- 25. DECK DRAIN
- 26. CAST-IN-PLACE APPROACH SLAB
- 28. BENT CAP EXTENSION FOR LIGHT POLE FOUNDATION
- 29. GUARDRAIL
- 30. ELECTRICAL HANDHOLE
- 35. SCUPPER
- 40. PERMANENT ENVIRONMENTAL BOOM OUTRIGGER
- 41. LIGHT POLE PEDESTAL

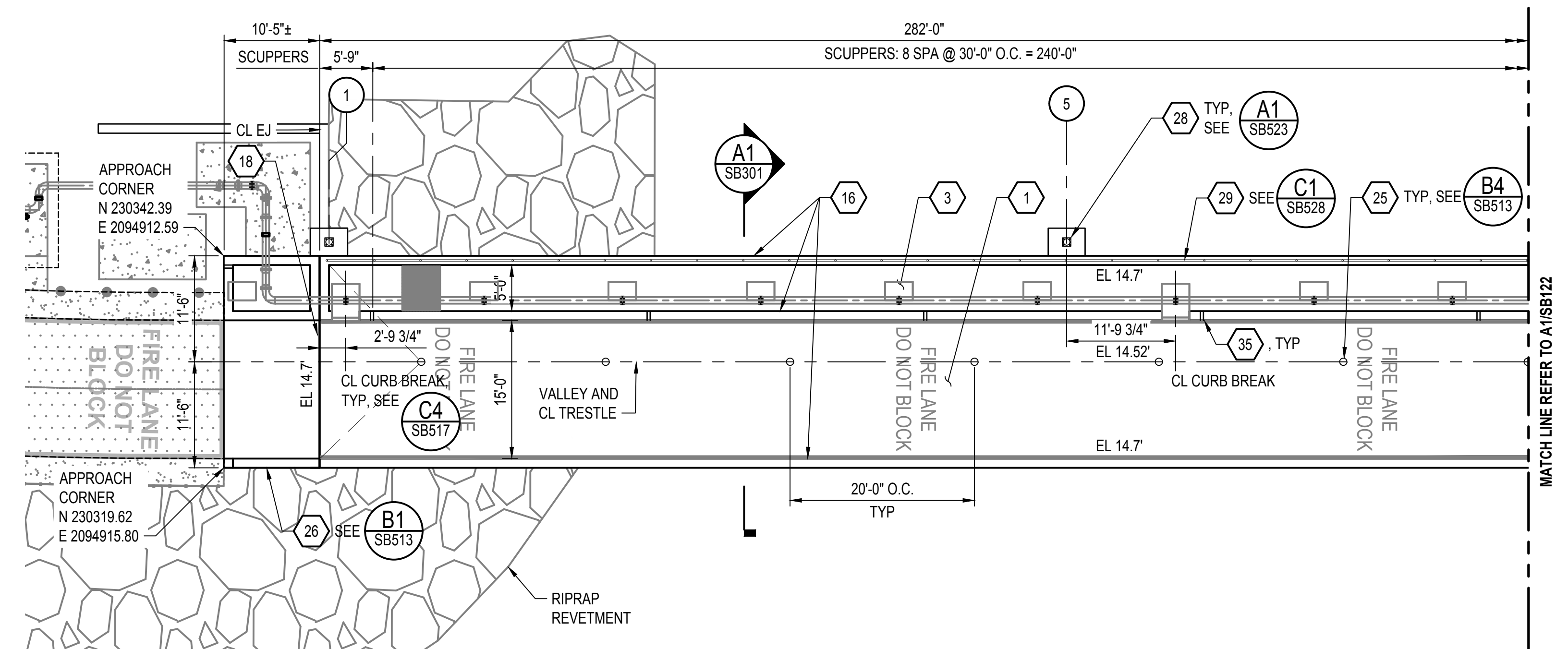
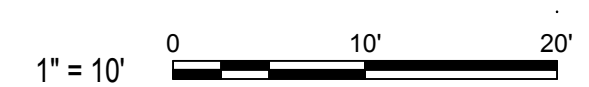
LEGEND

- 1 BENT DESIGNATION

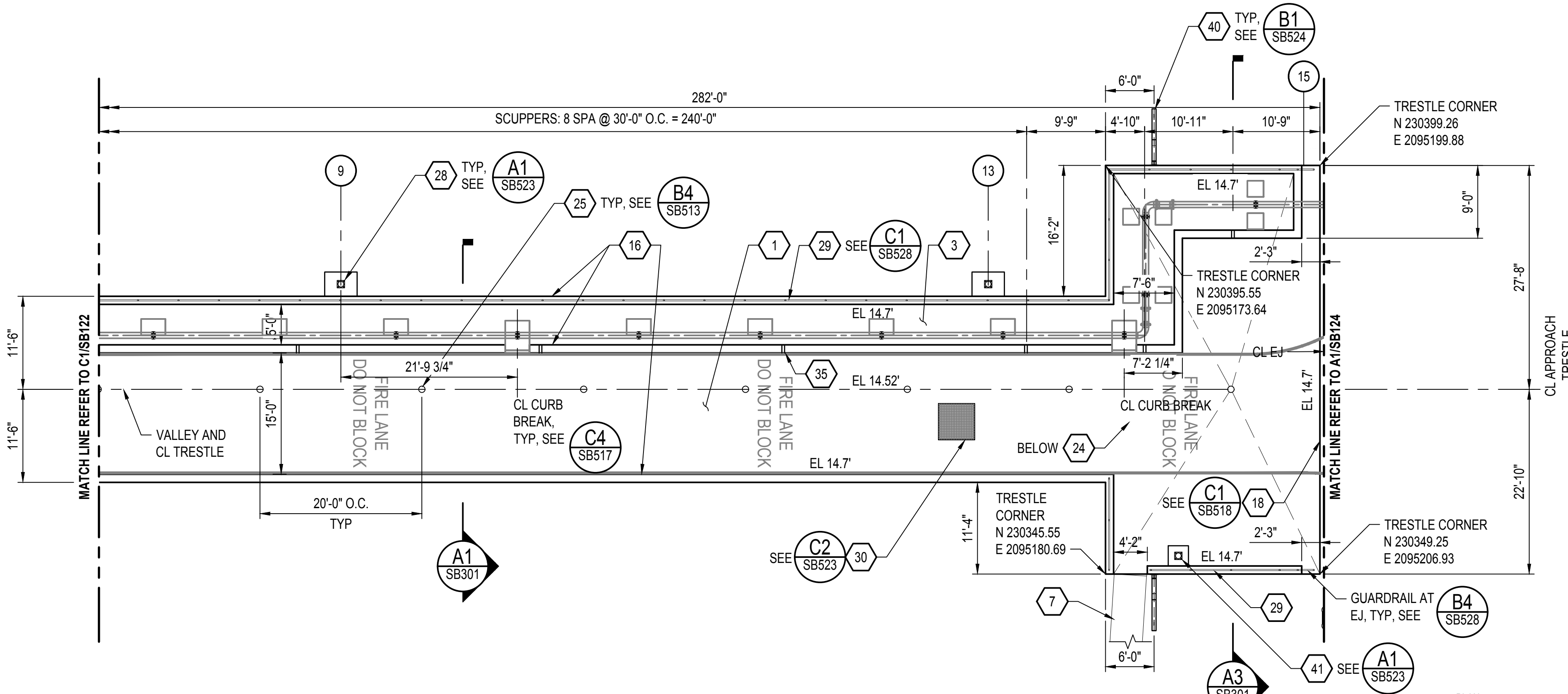
KEY PLAN



GRAPHIC SCALE(S)



C1 TRESTLE - DECK PLAN - AREA B
SCALE: 1" = 10' SB100

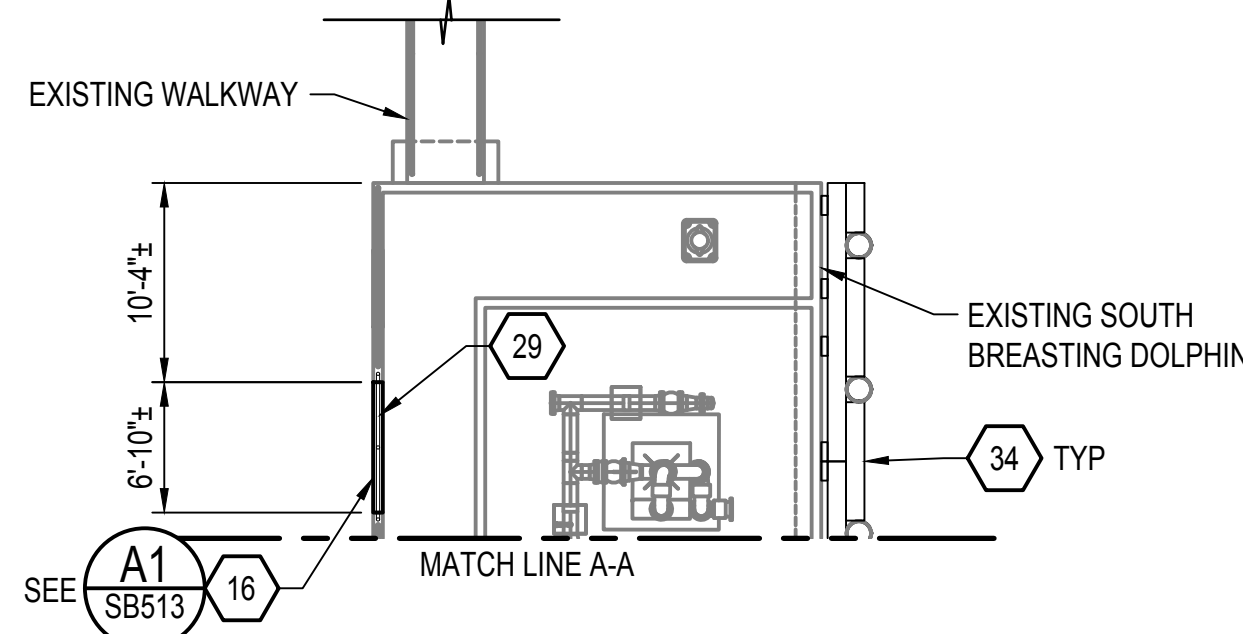
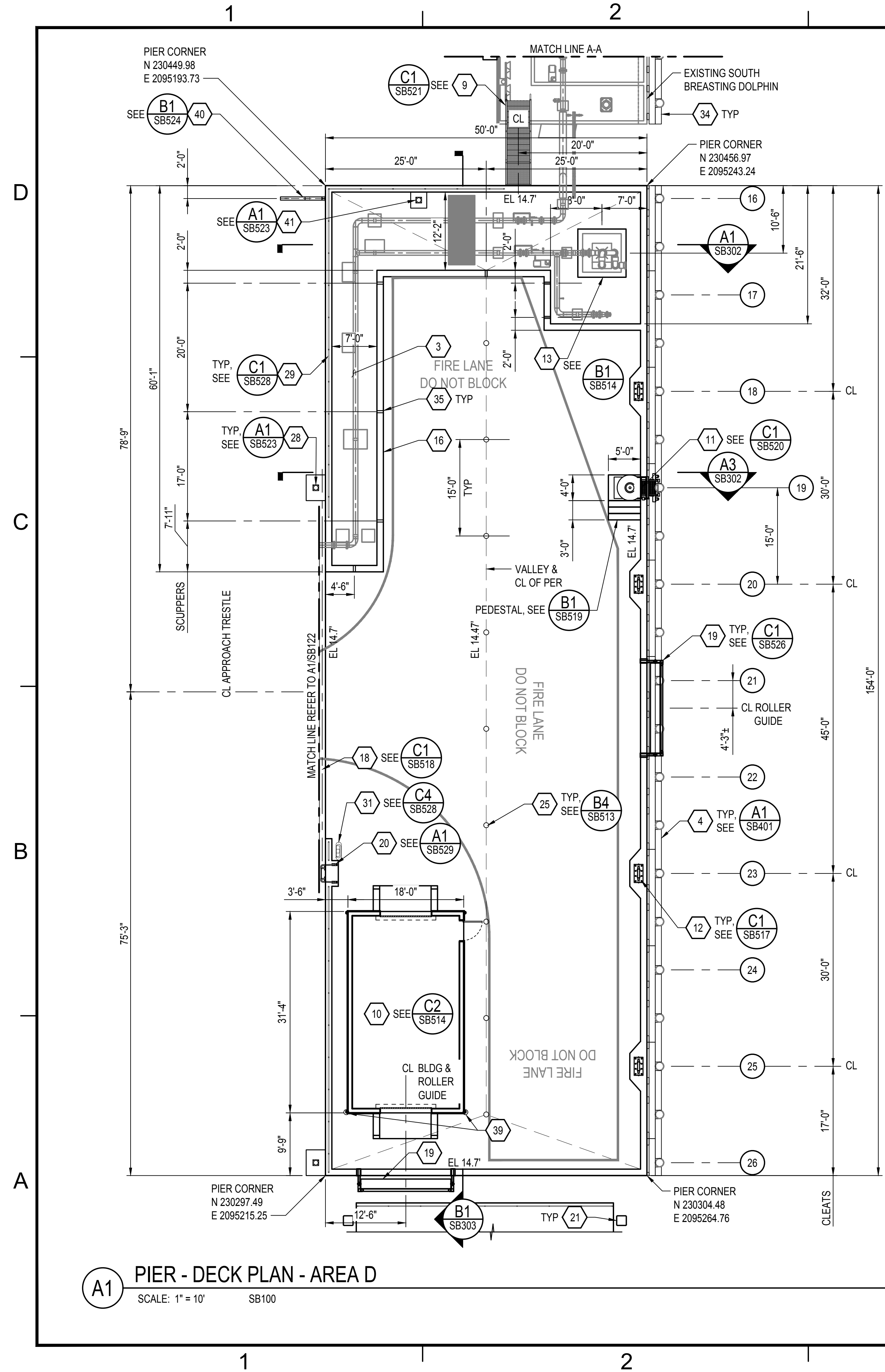


A1 TRESTLE - DECK PLAN - AREA C
SCALE: 1" = 10' SB100

APPROVED	FOR COMMANDER NAVFAC				
ACTIVITY	APPROVED BY JEREMY B. GATES P.E., MCAS BEAUFORT TWO AND BRYAN GRAPPE P.E., PROJECT MANAGER, DLA ENERGY				
SATISFACTORY TO	DATE 09/05/2024				
DES	PRG	DRW	CM	CHK	MEW
PM/DM	CGM/ELT				
BRANCH MANAGER NEK					
CHIEF ENGINEER EJA					
FIRE PROTECTION HPN					
DEPARTMENT OF THE NAVY					
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND					
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC					
NAVAL STATION INDEPENDENCE - NORFOLK, VA					
MCAS BEAUFORT					
P-502 REPLACE FUEL PIER					
TRESTLE - DECK PLAN - AREAS B & C					
SCALE:	AS NOTED				
EPROJCT NO.:	1731481				
CONSTR. CONTR. NO.:	N40085-18-D-0600				
NAVFAC DRAWING NO.:	12901849				
SHEET	57	OF	213		
SB122					
DRAWING REVISION: 25 AUG 2020					

FILE NAME: C:\NVP\10000-31\20_CADD\Active\Sheet\SB122.dwg LAYOUT NAME: SB122 PLOTTED: Thursday, August 29, 2024 - 1:03pm USER: wj6d

FILE NAME: C:\WORK\10000-31\20 CAD\Drawings\SB124.dwg LAYOUT NAME: SB124 PLOTTED: Thursday, August 29, 2024 - 11:09am USER: wj64



SHEET NOTES

- FOR FIRE LANE STRIPING SEE SHEET SB130.
- FOR REINFORCED CONCRETE TOPPING SLAB, SEE (B3) SB511

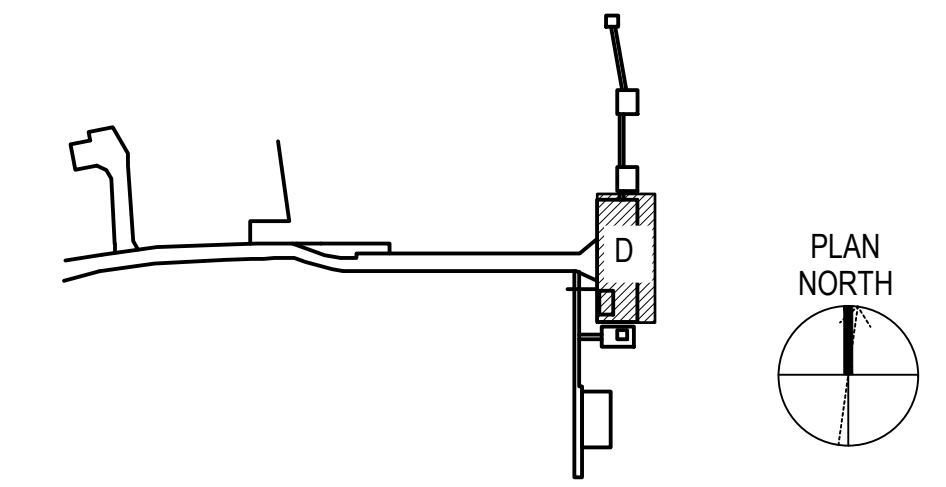
SHEET KEYNOTES

- PIPELINE CORRIDOR
- PIER FENDER SYSTEM
- STAIRS
- STORAGE SHED CONCRETE SLAB AND RAMP
- BARGE ACCESS STAIRS AND CONCRETE PEDESTAL
- 35 TON CLEAT
- MARINE LOADING ARM (MLA) AND CONCRETE PEDESTAL
- CAST-IN-PLACE CONCRETE CURB
- ARMORED EXPANSION JOINT
- BOOM ROLLER GUIDE
- SAFETY LADDER
- PRECAST CONCRETE GUIDE PILE
- DIAMETER DECK DRAIN
- BENT CAP EXTENSION FOR LIGHT POLE FOUNDATION
- GUARDRAIL
- LIFE RING
- DOLPHIN FENDER SYSTEM
- SCUPPER
- 8"Ø DRAIN SLEEVE FOR DOWNSPOUTS
- PERMANENT ENVIRONMENTAL BOOM OUTRIGGER
- LIGHT POLE FOUNDATION

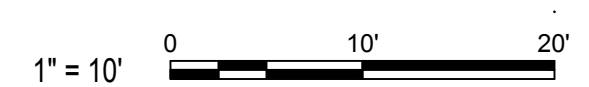
LEGEND

- (1) BENT DESIGNATION

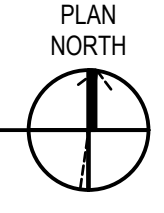
KEY PLAN



GRAPHIC SCALE(S)



(A1) PIER - DECK PLAN - AREA D
SCALE: 1" = 10' SB100



ISSUED FOR CONSTRUCTION	DATE	PG	APPR
0	09/05/2024		
APPROVED FOR COMMANDER NAVFAC ACTIVITY APPROVED BY JEREMY B. GATES P.E., MCAS BEAUFORT TWO AND BRYAN GRAFF P.E., PROJECT MANAGER, DLA ENERGY SATISFACTORY TO DATE 09/05/2024 DES PRG Drw CMI Chk MEW PM/DIM CGM/ELT BRANCH MANAGER NEK CHIEF ENGINEER EJA FIRE PROTECTION HPN			
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NAVAL STATION INDEPENDENCE - NORFOLK, VA MCAS BEAUFORT BEAUFORT, SC			
P-502 REPLACE FUEL PIER PIER - DECK PLAN - AREA D			
SCALE: AS NOTED PROJECT NO.: 1731481 CONSTR. CONTR. NO. N40085-18-D-0600 NAVFAC DRAWING NO. 12901850 SHEET 58 OF 213			
SB124 <small>DRAWING REVISION: 25 AUG 2020</small>			

FILE NAME: C:\WORK\10000-31\20 CAD\Drawings\SB127.dwg LAYOUT NAME: SB127 PLOTTED: Thursday, August 29, 2024 - 11:58am USER: wjole

1

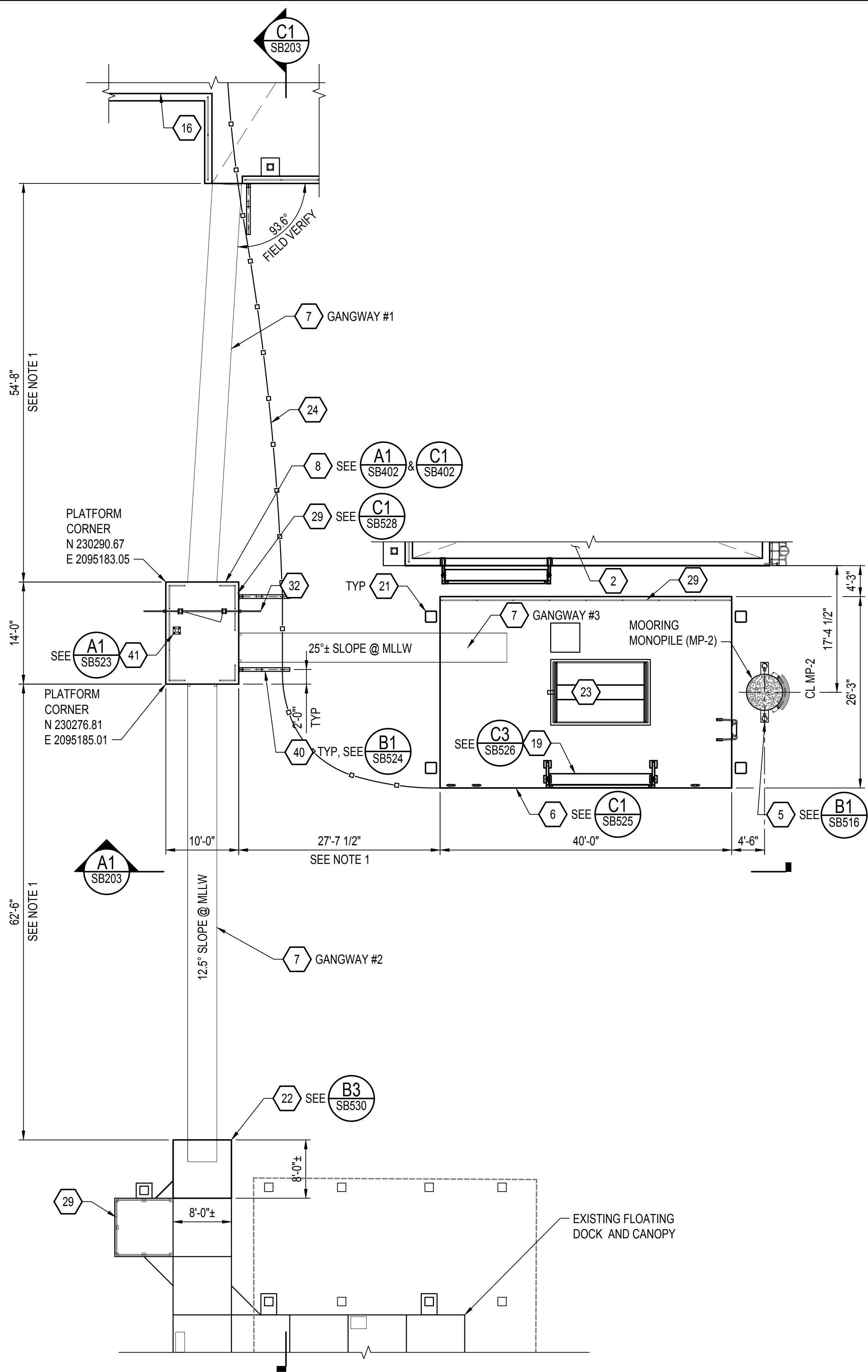
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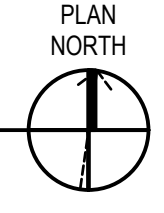
4

5

D
C
B
A



A1 FLOATING DOCK AND GANGWAYS - DECK PLAN - AREA G
SCALE: 1" = 10' SB100



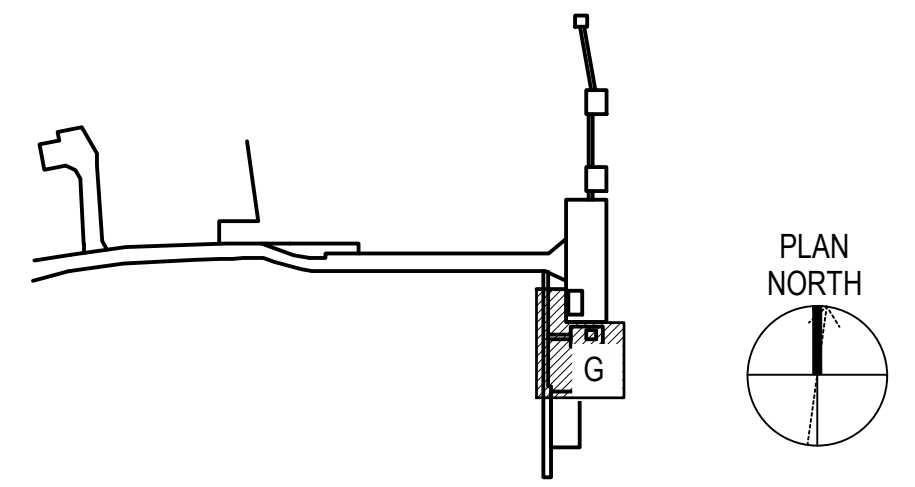
SHEET NOTES

1. SURVEY CLEAR DISTANCE BETWEEN STRUCTURES PRIOR TO FINALIZING FABRICATION OF GANGWAYS TO ALLOW FOR ADJUSTMENTS DUE TO FIELD VARIATIONS.

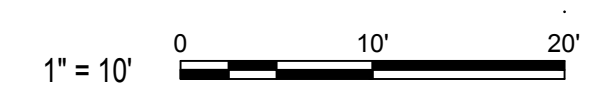
SHEET KEYNOTES

2. FUEL PIER
5. MONOPILE DOLPHIN
6. BOOM REEL FLOAT
7. 4'-0" WIDE ALUMINUM GANGWAY
8. GANGWAY PLATFORM
16. 1'-0" WIDE CAST-IN-PLACE CONCRETE CURB
19. BOOM ROLLER GUIDE
21. 18" SQUARE PRESTRESSED PRECAST CONCRETE GUIDE PILE
22. FLOATING DOCK MODULE (18" FREEBOARD)
23. BOOM REEL
24. PERMANENT ENVIRONMENTAL BOOM
29. GUARDRAIL
32. ALUMINUM SECURITY GATE
40. PERMANENT ENVIRONMENTAL BOOM OUTRIGGER
41. LIGHT POLE FOUNDATION

KEY PLAN



GRAPHIC SCALE(S)



SYN	DESCRIPTION	DATE	PG	APPR
0	ISSUED FOR CONSTRUCTION	09/05/2024		



APPROVED	FOR COMMANDER NAFAC
ACTIVITY	APPROVED BY JEREMY B. GATES P.E., M.C.A.S. BEAUFORT TWO AND BRYAN GRAFF P.E., PROJECT MANAGER, DLA ENERGY
SATISFACTORY TO	DATE 09/05/2024
DES	PRG DRW CMI CHK MEW
PM/DM	CGM/ELT
BRANCH MANAGER	NEK
CHIEF ENGINEER	EJA
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ MID-ATLANTIC
NAVAL STATION INDRBQK - NORFOLK, VA
MIDJANT DBEL
M.C.A.S. BEAUFORT
BEAUFORT, SC

P-502 REPLACE FUEL PIER
FLOATING DOCK AND GANGWAYS - DECK PLAN - AREA G

SCALE:	AS NOTED
PROJECT NO.:	1731481
CONSTR. CONTR. NO.:	N40085-18-D-0600
NAVFAC DRAWING NO.:	12901851
SHEET	59 OF 213

SB127
DRAWING REVISION: 25 AUG 2020

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