

US Army Corps of Engineers®
Jacksonville District

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL MAINTENANCE DREDGING PROJECTS NASSAU COUNTY, FLORIDA AND CAMDEN COUNTY, GEORGIA

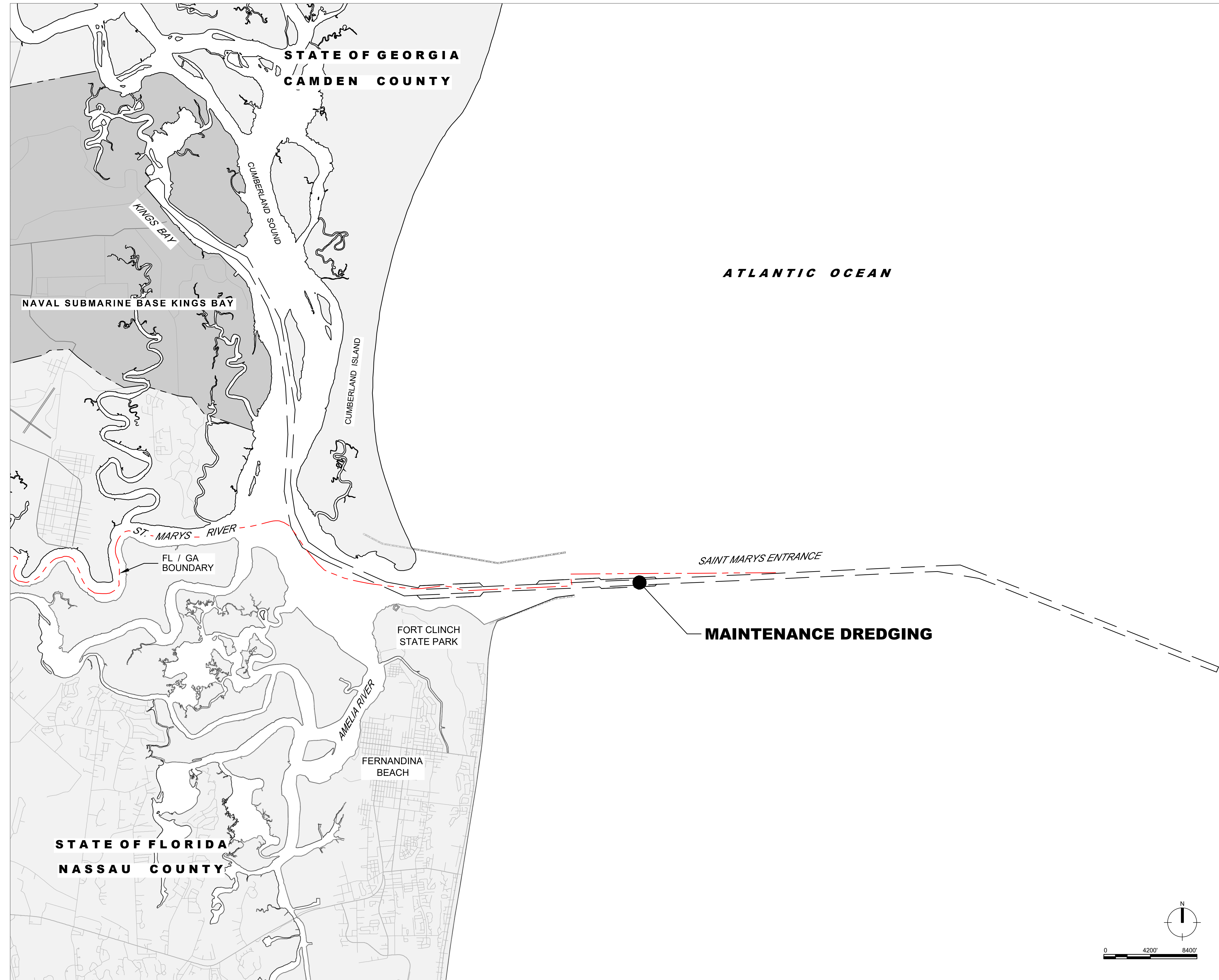
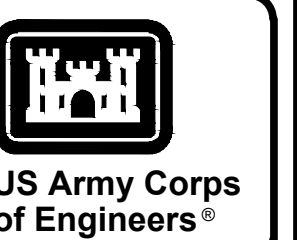


PLATE INDEX	
PLATE ID	TITLE
P-01	COVER AND SHEET INDEX
P-02	TERMS AND ABBREVIATIONS, SYMBOLY & GENERAL NOTES
P-03	PROJECT LOCATION MAP
P-04	CHANNEL - DREDGING AREAS
P-05	CHANNEL - DREDGING AREAS
P-06	KEY PLAN-DREDGING
P-07	CHANNEL AREAS BY STATE BOUNDARIES
P-08	KEY MAP - DISPOSAL AREAS
P-09	DREDGING PLAN
P-10	DREDGING PLAN
P-11	DREDGING PLAN
P-12	DREDGING PLAN
P-13	DREDGING PLAN
P-14	DREDGING PLAN
P-15	DREDGING PLAN
P-16	DREDGING PLAN
P-17	DREDGING PLAN
P-18	DREDGING PLAN
P-19	DREDGING PLAN
P-20	DREDGING PLAN
P-21	DREDGING PLAN
P-22	DREDGING PLAN
P-23	DREDGING PLAN
P-24	DREDGING PLAN
P-25	DREDGING PLAN
P-26	DREDGING PLAN
P-27	DREDGING PLAN
P-28	DREDGING PLAN
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P-30	DREDGING PLAN
P-31	DREDGING PLAN
P-32	DREDGING PLAN
P-33	DREDGING PLAN
P-34	DREDGING PLAN
P-35	DREDGING PLAN
P-36	DREDGING PLAN
P-37	DREDGING PLAN
P-38	DREDGING PLAN
P-39	DREDGING PLAN
P-40	DREDGING PLAN
P-41	DREDGING PLAN
P-42	DREDGING PLAN
P-43	DREDGING PLAN
P-44	DREDGING PLAN
P-45	DREDGING PLAN
P-46	DREDGING PLAN
P-47	DREDGING PLAN
P-48	DREDGING PLAN
P-49	DREDGING PLAN AND CROSS SECTION - INSET 3, DRYDOCK CAISSON GATE SILL
P-50	DREDGING CROSS SECTIONS - RANGE-H, RANGE-I, UTB, RFW & SBB
P-51	DREDGING CROSS SECTIONS - RANGE-G, RANGE-H, EHB, SS-N
P-52	DREDGING CROSS SECTIONS - RANGE-E, SS-S, MSF-N
P-53	DREDGING CROSS SECTIONS - ARDM YOKE, EHW, DRYDOCK CAISSON GATE MOORING FACILITY
P-54	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-55	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-56	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-57	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-58	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-59	DREDGING CROSS SECTIONS - KINGS BAY INNER CHANNEL
P-60	DISPOSAL PLAN - D/A-C, D/A-M, D/A-1, & D/A-2
P-61	BEACH FILL PLAN - FORT CLINCH PLACEMENT AREA (P/A-F)
P-62	BEACH FILL PLAN - FORT CLINCH PLACEMENT AREA (P/A-F)
P-63	BEACH FILL PLAN - SOUTH JETTY PLACEMENT AREA (P/A-SJ)
P-64	BEACH FILL PLAN - PIPELINE ROUTE
P-65	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-66	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-67	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-68	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-69	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-70	BEACH FILL PLAN - NORTH BEACH PLACEMENT AREA (P/A-NB)
P-71	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-72	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-73	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-74	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-75	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-76	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-77	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-78	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-79	BEACH FILL PLAN - SOUTH BEACH PLACEMENT AREA (P/A-SB)
P-80	BEACH PLACEMENT - PROFILES
P-81	BEACH PLACEMENT - PROFILES
P-82	BEACH PLACEMENT - PROFILES
P-83	DISPOSAL PLAN - PLACEMENT AREA (P/A-N)
P-84	DISPOSAL PLAN - OCEAN DISPOSAL AREA (D/A-O)

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U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
1001 SOUTH MARSH ROAD
JACKSONVILLE, FL 32207

PERMIT
COVER AND SHEET INDEX

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
MAINTENANCE DREDGING PROJECTS
NASSAU COUNTY, FLORIDA AND CAMDEN COUNTY, GEORGIA

PLATE NO.

P-01

GENERAL SYMBOLOLOGY

GENERAL NOTES

- THE ENTRANCE CHANNEL PROJECT BOUNDARY IS LOCATED AT STA 37+504 OF RANGE-F AND G. THE SUB BASE PROJECT BOUNDARY IS LOCATED AT STA 30+368 OF RANGE-E.
- KBIC CUTS ARE KNOWN AS RANGES BEGINNING WITH THE RANGE ALPHA AS SHOWN IN NAVIGATION CHART #11503.
- KBEC CUT-IN AND KBIC CHANNEL SURVEY WAS COMPLETED IN DECEMBER 2022 SHOWN FOR REFERENCE OF CROSS-SECTIONS.
- KINGS BAY SUB BASE CHANNEL SURVEY WAS COMPLETED IN FEBRUARY 2023 SHOWN FOR REFERENCE OF CROSS-SECTIONS.
- CHANNEL CROSS-SECTION DATA SHOWN AREA IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
- REFER TO PLATE P-04, P-05 FOR OVERALL MATERIAL PLACEMENT WITHIN CHANNEL REACHES. DREDGING DEPTHS SHOWN INCLUDE REQUIRED DEPTH AND 2 FOOT ALLOWABLE OVERDEPTH.
- REFER TO PLATE P-08 FOR SPECIFIC LOCATION OF DISPOSAL PLANS.
- BEACH FILL PLACEMENT SHALL NOT CAUSE ADVERSE LANDSIDE DRAINAGE IMPACTS; SEE ALSO PLATE P-80 TO P-83.
- BEACH FILL SLOPES ARE SHOWN ON PLATES P-80 TO P-83; DEVIATION FROM PERMITTED SLOPES WILL REQUIRE FORMAL PERMIT VARIANCE REQUEST.

PROJECT NOTES

- THIS PROJECT WAS DESIGNED BY THE JACKSONVILLE DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.
- ALL GENERAL (P-03 THRU P-08), DREDGING (P-09 THRU P-49), UPLAND DISPOSAL PLAN D/A-C, D/A-M, D/A-1, D/A-2 (P-60), NEARSHORE, P/A-N (P-83), AND ODMDS D/A-O (P-84) DRAWINGS ARE HORIZONTALLY REFERENCED TO THE STATE PLANE COORDINATE SYSTEM OF 1983, GEORGIA EAST ZONE (1001), AND ARE REFERENCED TO THE 2011 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD83(2011)).
- ALL BEACH PLAN DRAWINGS (P-61 THRU P-79) ARE HORIZONTALLY REFERENCED TO THE STATE PLANE COORDINATE SYSTEM OF 1983, FLORIDA EAST ZONE (0901), AND ARE REFERENCED TO THE 2011 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD83(2011)).
- UNLESS OTHERWISE INDICATED, ALL ELEVATIONS ARE REFERENCED TO THE MEAN LOWER LOW WATER (MLLW) TIDAL DATUM, 1983-2001 EPOCH. MLLW IS REALIZED DURING SURVEY OPERATIONS VIA A KINEMATIC TIDAL DATUM (KTD) MODEL, BASED ON NOAA'S VDUTUM PROGRAM AND PUBLISHED NOAA TIDE GAUGE INFORMATION. THE RELATIONSHIP BETWEEN MLLW AND THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) VARIES ALONG THE EXTENTS OF A PROJECT. A SINGLE VALUE FROM A PUBLISHED TIDE GAUGE IS NOT TO BE USED FOR AN ENTIRE PROJECT. BEACH DRAWINGS (P-61 THRU P-82) ARE VERTICALLY REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- UNLESS OTHERWISE INDICATED, ALL POSITIONS, STATIONING AND ELEVATIONS ARE IN THE UNITS OF U.S. SURVEY FEET. UNLESS OTHERWISE INDICATED, ALL STATIONS REFER TO DISTANCE ALONG THE CHANNEL CENTERLINE.
- UNLESS OTHERWISE INDICATED, ALL PLANIMETRIC FEATURES DEPICTED ON THESE DRAWINGS ARE FOR INFORMATION ONLY AND WERE NOT PHYSICALLY LOCATED BY SURVEY. THE AERIAL IMAGERY SHOWN ON THESE DRAWINGS IS FOR GENERAL INFORMATION ONLY AND IS NOT TO BE USED FOR MEASUREMENTS (AERIAL IMAGERY DATED MARCH 2023).
- THE LEGENDS ON THIS SHEET ARE COMPOSED OF STANDARD SYMBOLS AND ARE PERTINENT TO THE CONDITIONS ON THIS SET OF DRAWINGS TO THE EXTENT APPLICABLE. ADDITIONAL LEGENDS AND/OR ABBREVIATIONS MAY APPEAR IN THIS SET OF DRAWINGS TO INDICATE SPECIFIC CONDITIONS IN LIEU OF SYMBOLS SHOWN ON THIS SHEET.

LEGEND - NAVIGATION

- PROJECT CHANNEL
- DREDGING AREAS
- WIDENER LIMIT
- CHANNEL LIMIT
- CHANNEL CENTERLINE
- CHANNEL LIMIT SUB BASE PROJECT
- CHANNEL LIMIT ENTRANCE CHANNEL PROJECT
- CHANNEL LIMIT OVERLAP
- FORT CLINCH AQUATIC PRESERVE BOUNDARY
- FLORIDA/GEORGIA STATE BOUNDARY LINE
- FEDERAL/STATE TERRITORIAL 3-NAUTICAL MILE BOUNDARY LINE
- CONSTRUCTION BASELINE W/ STATIONING
- EROSION CONTROL LINE

- DREDGING EXCLUSION ZONE
- GRASS OR MARSH AREA
- CHANNEL LIMIT PI IDENTIFIER
- EXISTING BOTTOM
- COASTLINE
- FDEP RANGE MONUMENT
- NEARSHORE DISPOSAL AREA
- OCEAN DISPOSAL AREA
- BEACH PLACEMENT AREA (PLAN VIEW)
- BEACH PLACEMENT AREA (PROFILE VIEW)

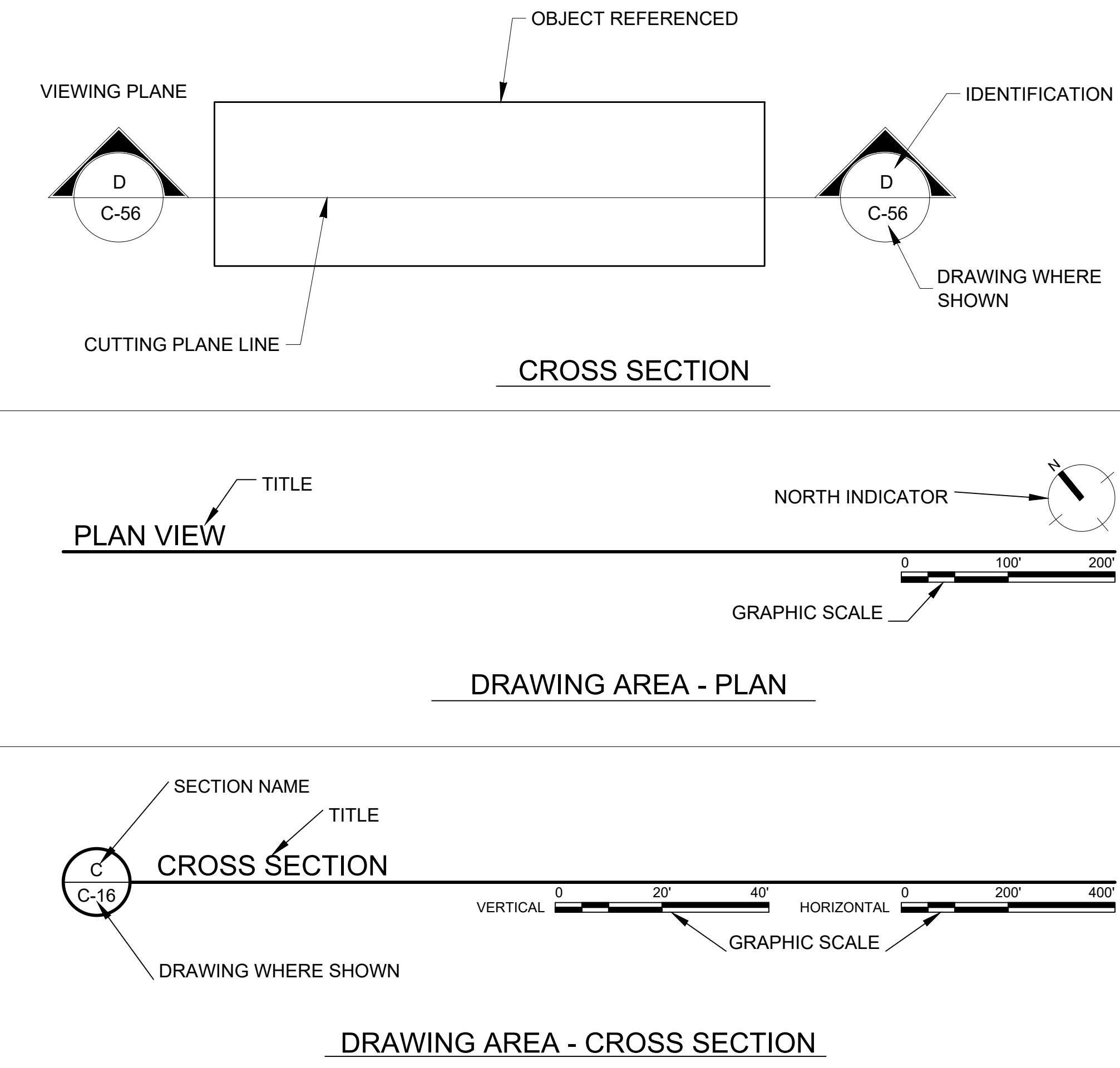
LEGEND - GEOTECHNICAL BORINGS

- VIBRACORE BORING
- IDENTIFIER

LEGEND - AIDS TO NAVIGATION

- LIGHTED BEACON
- GREEN DAYBEACON
- RED DAYBEACON
- RED LIGHTED BUOY / GREEN LIGHTED BUOY
- CAN BUOY
- NUN BUOY

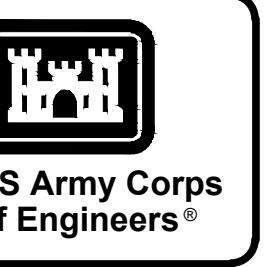
REFERENCE SYMBOL KEY



TERMS AND ABBREVIATIONS

- APPROX APPROXIMATE
- BLVD BOULEVARD
- CBL CONSTRUCTION BASELINE
- CHN CHANNEL
- CL CENTERLINE
- CY CUBIC YARD
- P/A-F PLACEMENT AREA - FORT CLINCH
- D/A-O DISPOSAL AREA - OCEAN (FERNANDINA ODMDS)
- P/A-N PLACEMENT AREA - NEARSHORE
- P/A-NB PLACEMENT AREA - NORTH BEACH
- P/A-SB PLACEMENT AREA - SOUTH BEACH
- P/A-SJ PLACEMENT AREA - SOUTH JETTY
- DMMA DREDGED MATERIAL MANAGE AREA
- DWG DRAWING
- ECL EROSION CONTROL LINE
- EL / ELEV ELEVATION
- EOB EDGE OF BERM
- FDEP FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
- FDOT FLORIDA DEPARTMENT OF TRANSPORTATION
- FT FOOT/FEET
- KBEC KINGS BAY ENTRANCE CHANNEL
- KBIC KINGS BAY INNER CHANNEL
- HORZ HORIZONTAL
- INV INVERT
- LF LINEAR FOOT/FEET
- LTC LOWER TERMINAL CHANNEL
- MHW MEAN HIGH WATER
- MLLW MEAN LOWER LOW WATER
- MLW MEAN LOW WATER
- NAVD88 NORTH AMERICAN VERTICAL DATUM OF 1988
- NAD83 NORTH AMERICAN DATUM OF 1983
- NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
- NO NUMBER
- N.T.S. NOT TO SCALE
- ODMDS OCEAN DREDGED MATERIAL DISPOSAL SITE
- PI POINT OF INTERSECTION
- RD ROAD
- RFI REQUEST FOR INFORMATION
- RGE RANGE
- SH SHEET
- SF SQUARE FEET/FOOT
- ST STREET
- STA STATION
- TB TURNING BASIN
- TOB TOP OF BERM
- TOL TOLERANCE
- TOS TOP OF SLOPE
- TYP TYPICAL
- USACE UNITED STATES ARMY CORPS OF ENGINEERS
- USCG UNITED STATES COAST GUARD
- VERT VERTICAL

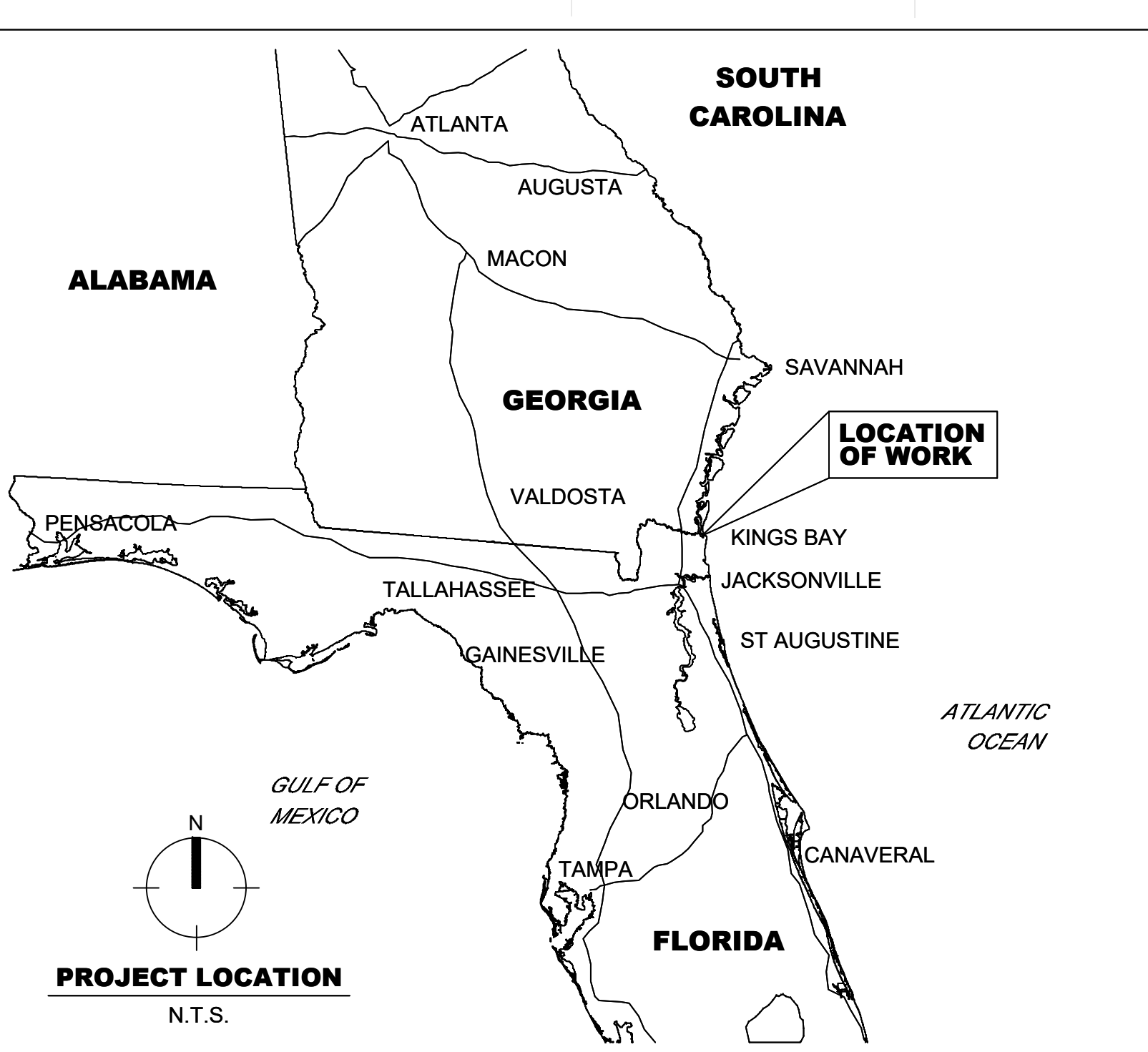
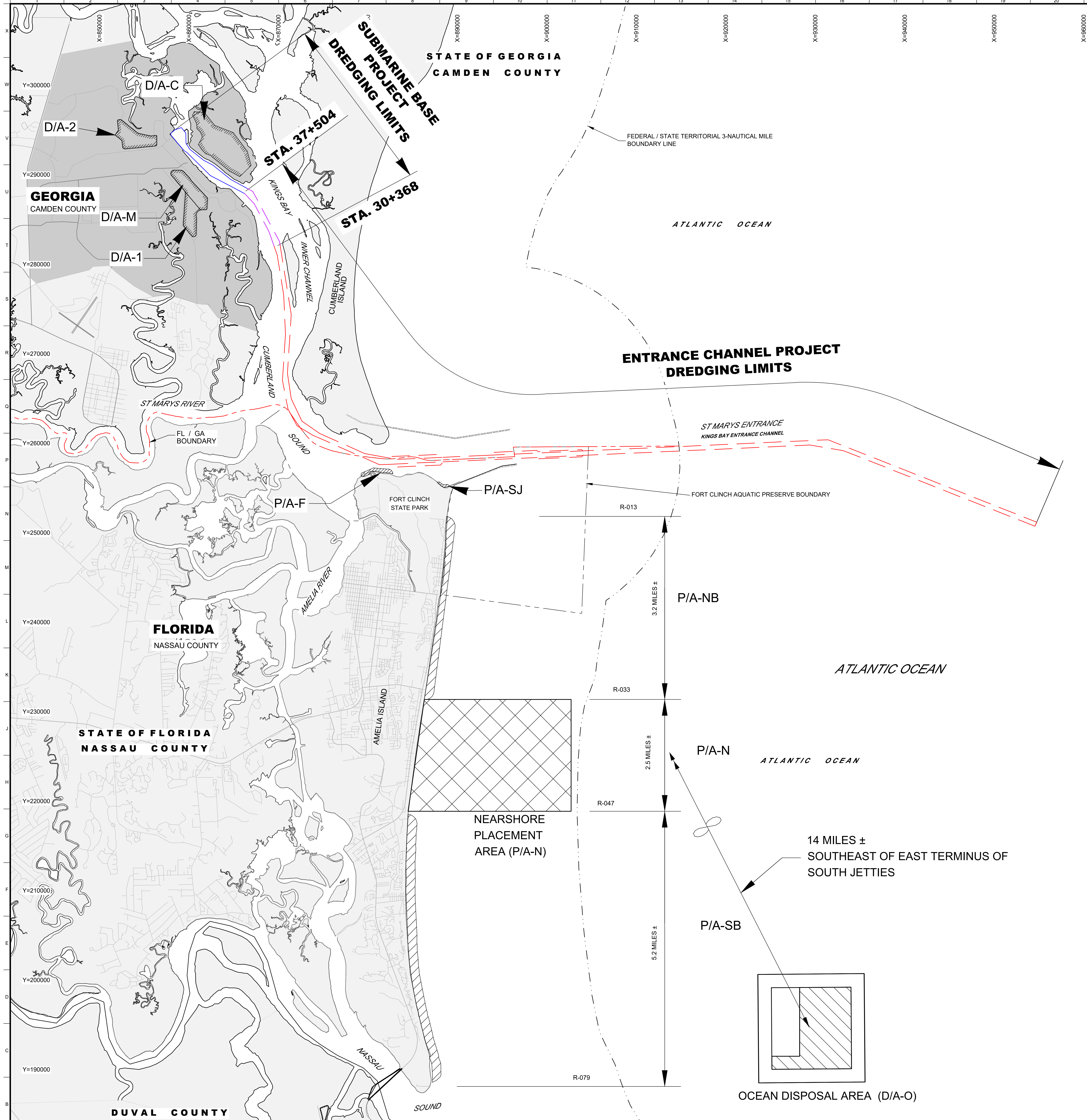
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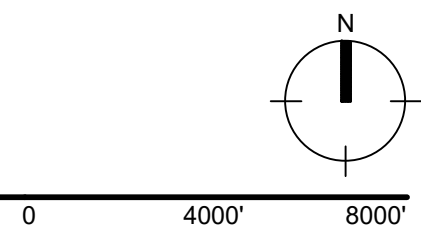
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U.S. ARMY CORPS OF ENGINEERS JACKSONVILLE DISTRICT JACKSONVILLE, FL 32207	GENERAL TERMS AND ABBREVIATIONS, SYMBOLOLOGY & GENERAL NOTES
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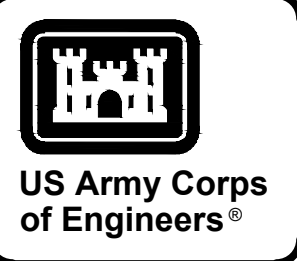


DREGED MATERIAL PLACEMENT LOCATIONS	
D/A-1	DISPOSAL AREA 1
D/A-2	DISPOSAL AREA 2
D/A-C	CRAB ISLAND DISPOSAL AREA
P/A-F	FORT CLINCH PLACEMENT AREA
D/A-M	MAINSIDE DISPOSAL AREA
P/A-N	NEARSHORE PLACEMENT AREA
P/A-NB	NORTH BEACH PLACEMENT AREA
D/A-O	OCEAN DISPOSAL AREA (FERNANDINA ODMDS)
P/A-SJ	SOUTH JETTY PLACEMENT AREA
P/A-SB	SOUTH BEACH PLACEMENT AREA

PROJECT LOCATION MAP
SCALE: 1"=4000'



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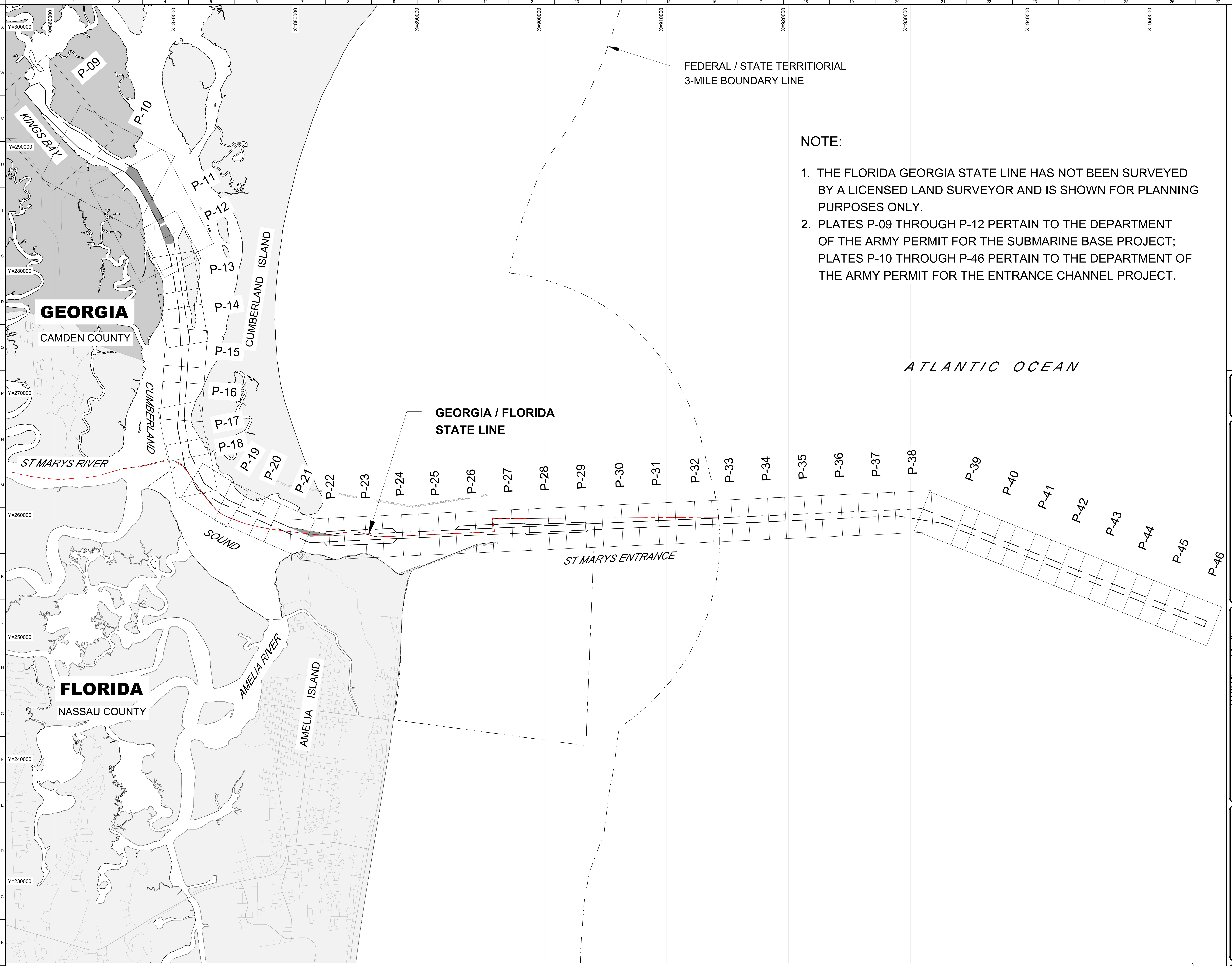
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U.S. ARMY CORPS OF ENGINEERS
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
DREDGING PROJECT
CAMDEN COUNTY, GEORGIA
NASSAU COUNTY, FLORIDA

PERMIT
PROJECT LOCATION MAP

PLATE NO.
P-03

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NOTE:

- 1. THE FLORIDA GEORGIA STATE LINE HAS NOT BEEN SURVEYED BY A LICENSED LAND SURVEYOR AND IS SHOWN FOR PLANNING PURPOSES ONLY.
- 2. PLATES P-09 THROUGH P-12 PERTAIN TO THE DEPARTMENT OF THE ARMY PERMIT FOR THE SUBMARINE BASE PROJECT; PLATES P-10 THROUGH P-46 PERTAIN TO THE DEPARTMENT OF THE ARMY PERMIT FOR THE ENTRANCE CHANNEL PROJECT.

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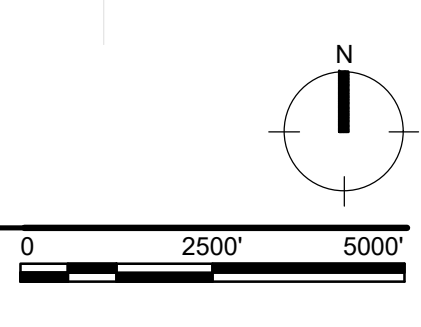
U.S. ARMY CORPS OF ENGINEERS

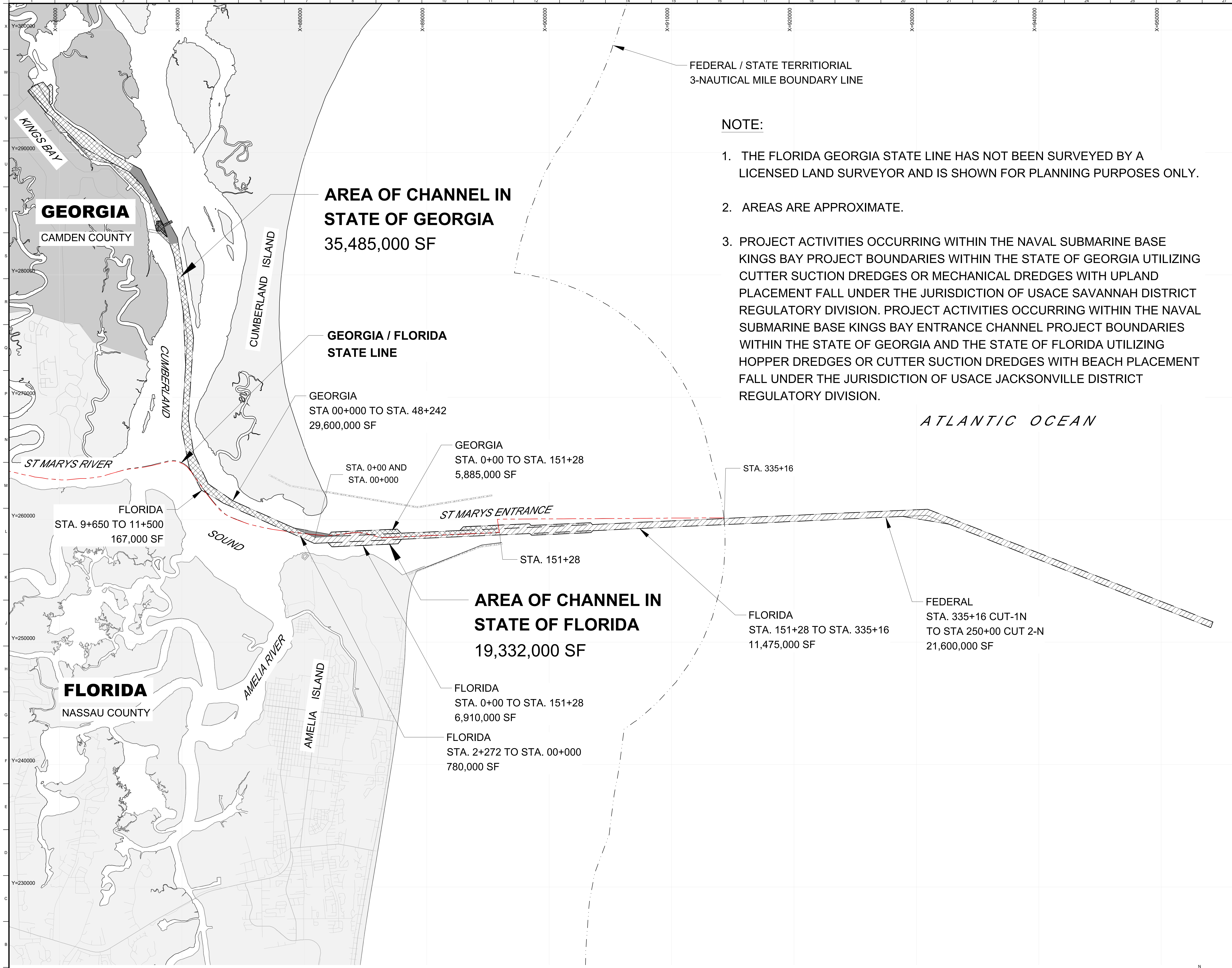
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<small>FILE NAME: 15B5728B2224-DREDGING</small>	<small>SCALE: 1" = 2500'</small>

U.S. ARMY CORPS OF ENGINEERS
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
RECONSTRUCTION PROJECT
NASSAU COUNTY, FLORIDA AND CAMDEN COUNTY, GEORGIA

KEY PLAN - DREDGING
SCALE: 1" = 2500'





FEDERAL / STATE TERRITORIAL
3-NAUTICAL MILE BOUNDARY LINE

NOTE:

1. THE FLORIDA GEORGIA STATE LINE HAS NOT BEEN SURVEYED BY A LICENSED LAND SURVEYOR AND IS SHOWN FOR PLANNING PURPOSES ONLY.
2. AREAS ARE APPROXIMATE.
3. PROJECT ACTIVITIES OCCURRING WITHIN THE NAVAL SUBMARINE BASE KINGS BAY PROJECT BOUNDARIES WITHIN THE STATE OF GEORGIA UTILIZING CUTTER SUCTION DREDGES OR MECHANICAL DREDGES WITH UPLAND PLACEMENT FALL UNDER THE JURISDICTION OF USACE SAVANNAH DISTRICT REGULATORY DIVISION. PROJECT ACTIVITIES OCCURRING WITHIN THE NAVAL SUBMARINE BASE KINGS BAY ENTRANCE CHANNEL PROJECT BOUNDARIES WITHIN THE STATE OF GEORGIA AND THE STATE OF FLORIDA UTILIZING HOPPER DREDGES OR CUTTER SUCTION DREDGES WITH BEACH PLACEMENT FALL UNDER THE JURISDICTION OF USACE JACKSONVILLE DISTRICT REGULATORY DIVISION.

**AREA OF CHANNEL IN
STATE OF GEORGIA**
35,485,000 SF

**GEORGIA / FLORIDA
STATE LINE**

GEORGIA
STA 00+00 TO STA. 48+242
29,600,000 SF

GEORGIA
STA. 0+00 TO STA. 151+28
5,885,000 SF

**AREA OF CHANNEL IN
STATE OF FLORIDA**
19,332,000 SF

FLORIDA
STA. 0+00 TO STA. 151+28
6,910,000 SF

FLORIDA
STA. 2+272 TO STA. 00+000
780,000 SF

FLORIDA
STA. 151+28 TO STA. 335+16
11,475,000 SF

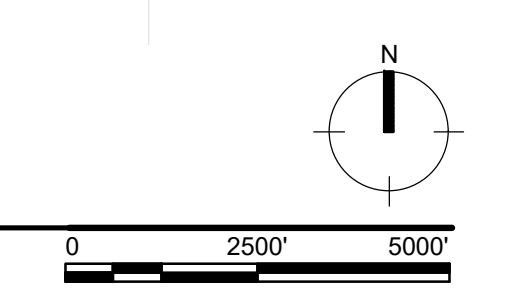
FEDERAL
STA. 335+16 CUT-1N
TO STA 250+00 CUT 2-N
21,600,000 SF

GEORGIA
CAMDEN COUNTY

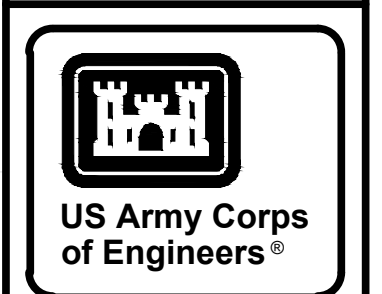
FLORIDA
NASSAU COUNTY

ATLANTIC OCEAN

CHANNEL AREAS BY STATE BOUNDARIES
SCALE: 1" = 2500'



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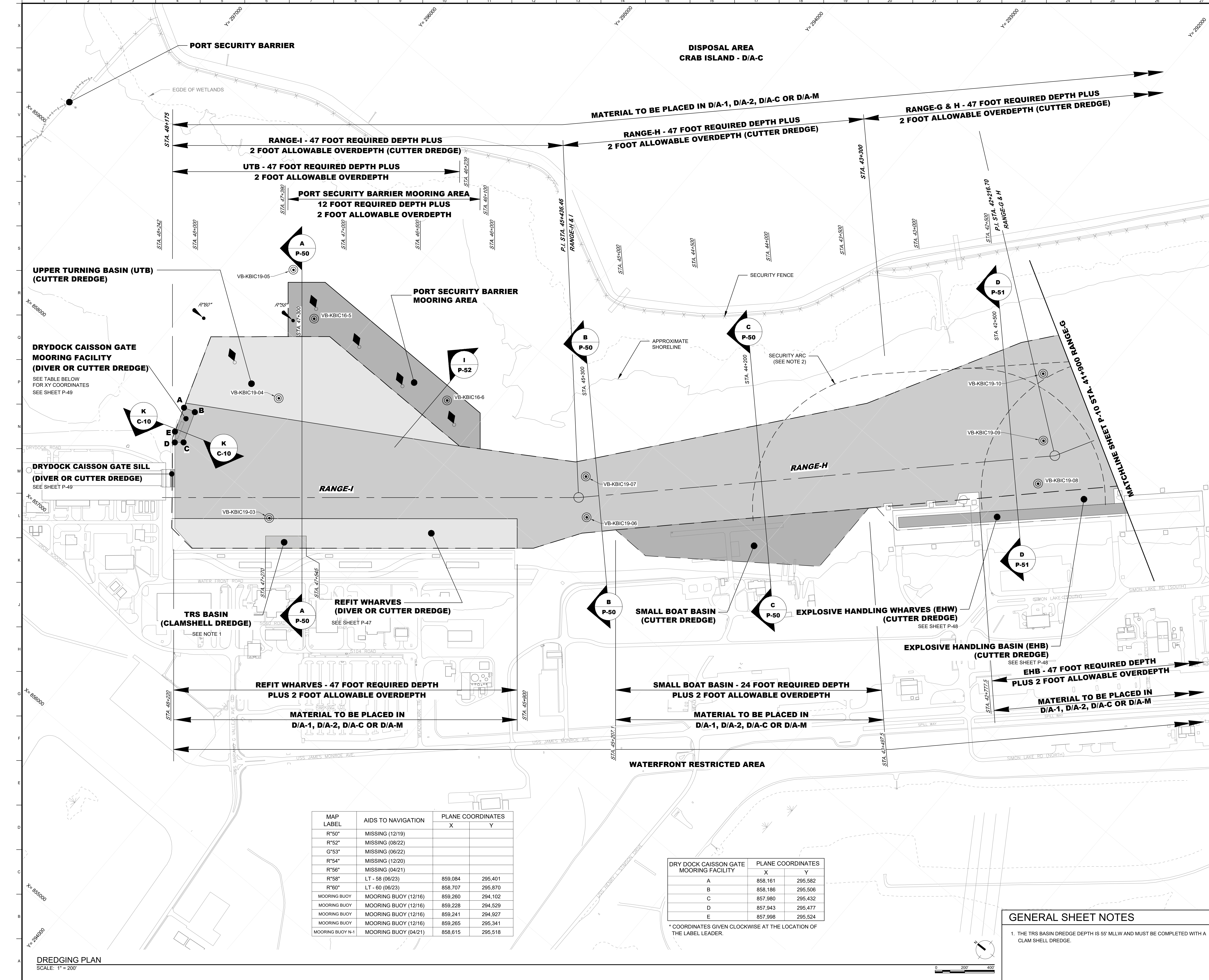
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NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
NASSAU COUNTY, FLORIDA AND CAMDEN COUNTY, GEORGIA
PERMIT
CHANNEL AREAS BY STATE BOUNDARIES

PLATE NO.
P-07

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 BARTY, KATHLEEN R. CIV. (USARMY) CES4 (USA)
 AEC_28/4/2018



DREDGING PLAN
SCALE: 1" = 200'

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES	
		X	Y
R*50"	MISSING (12/19)		
R*52"	MISSING (08/22)		
G*53"	MISSING (06/22)		
R*54"	MISSING (12/20)		
R*56"	MISSING (04/21)		
R*58"	LT - 58 (06/23)	859,084	295,401
R*60"	LT - 60 (06/23)	858,707	295,870
MOORING BUOY	MOORING BUOY (12/16)	859,260	294,102
MOORING BUOY	MOORING BUOY (12/16)	859,228	294,529
MOORING BUOY	MOORING BUOY (12/16)	859,241	294,927
MOORING BUOY	MOORING BUOY (12/16)	859,265	295,341
MOORING BUOY N-1	MOORING BUOY (04/21)	858,615	295,518

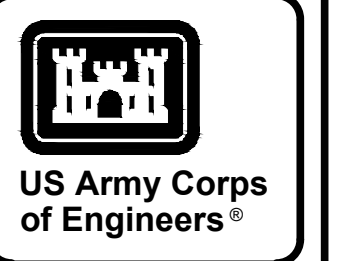
DRY DOCK CAISSON GATE MOORING FACILITY	PLANE COORDINATES	
	X	Y
A	858,161	295,582
B	858,186	295,506
C	857,980	295,432
D	857,943	295,477
E	857,998	295,524

* COORDINATES GIVEN CLOCKWISE AT THE LOCATION OF THE LABEL LEADER.

GENERAL SHEET NOTES

- THE TRS BASIN DREDGE DEPTH IS 55' MLLW AND MUST BE COMPLETED WITH A CLAM SHELL DREDGE.

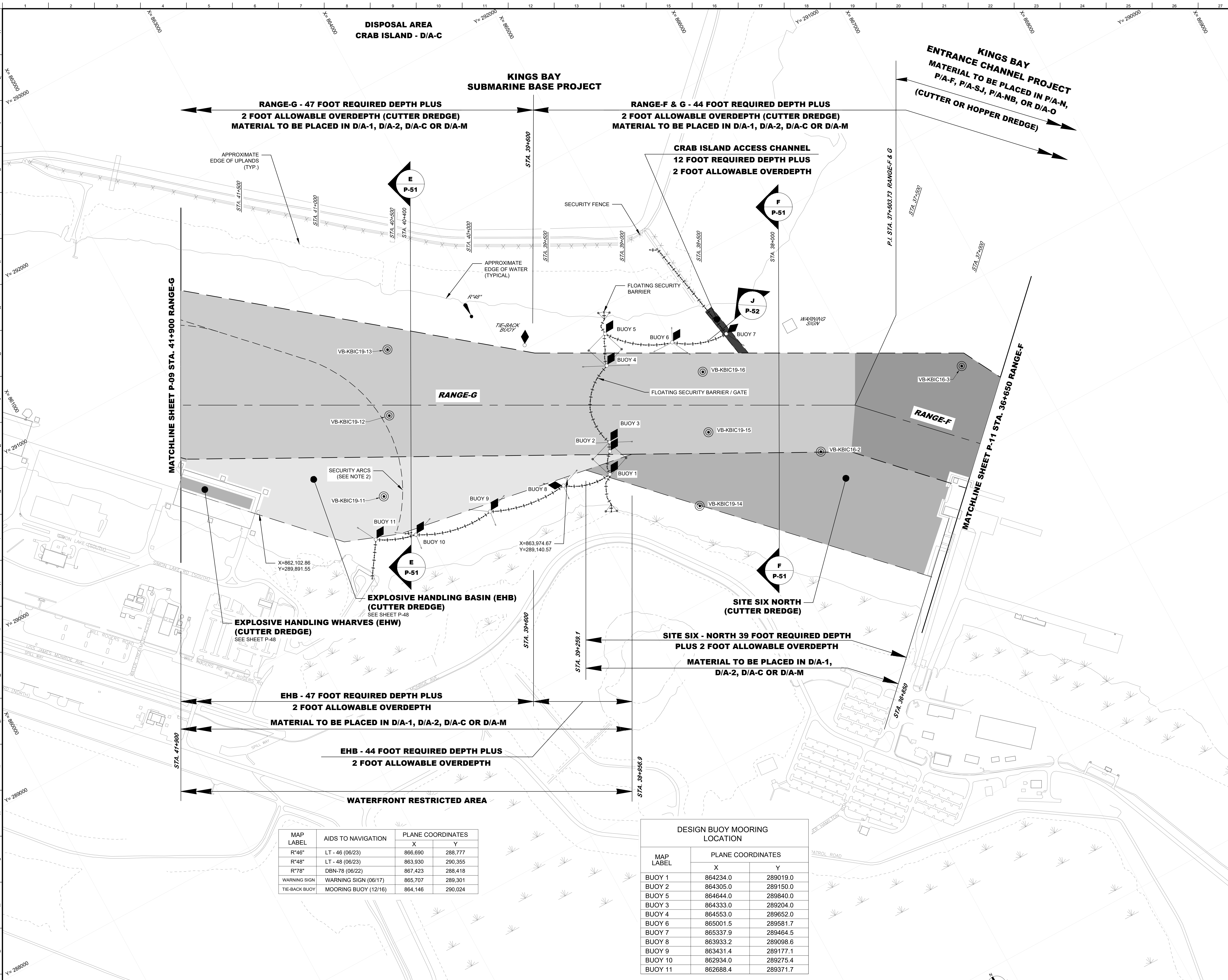
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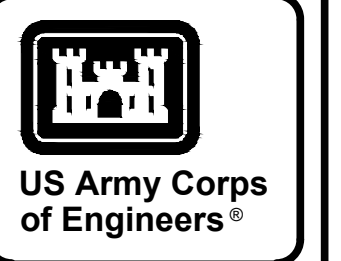
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DREDGING PLAN
SCALE: 1" = 200'

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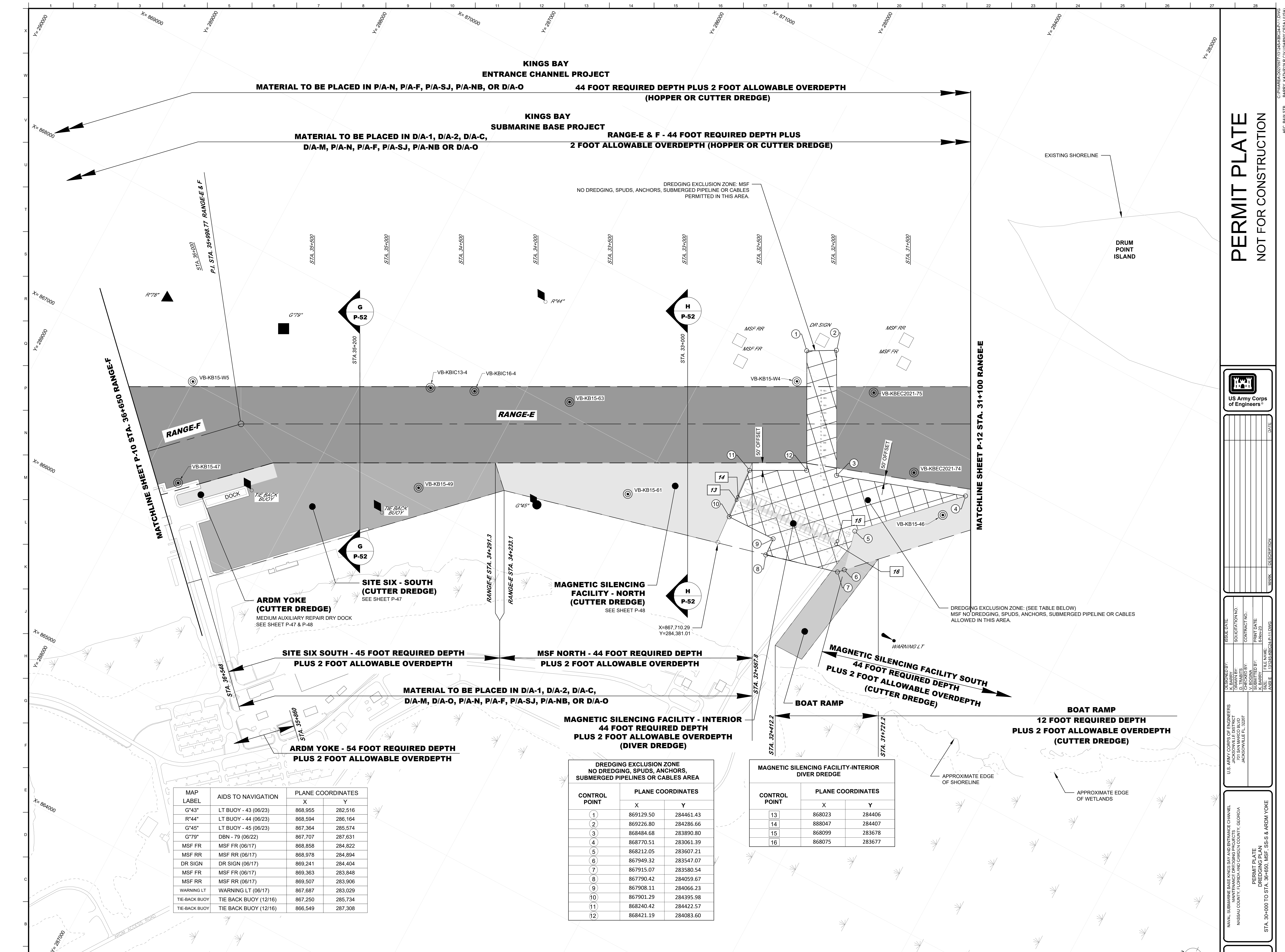
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NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
MANNING ENGINEERING DISTRICT
NASSAU COUNTY, FLORIDA AND GULF COUNTY, GEORGIA
JACKSONVILLE, FL 32207
PERMIT PLATE
DREDGING PLAN
STA. 36+650 TO STA. 41+900, EHB & SS-N

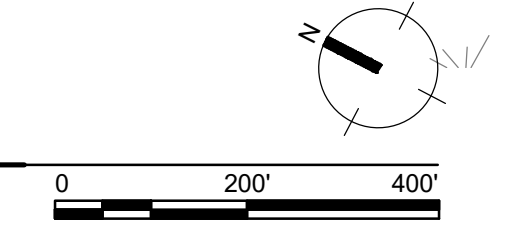
PLATE NO.
P-10

ACI_8/15/18
BARTY, KATHERINE CIVIL ENGINEER/CESA (USA)

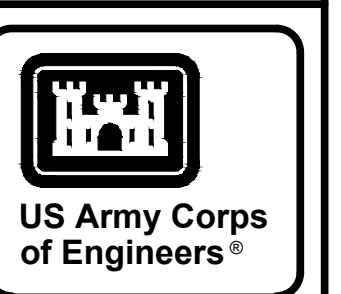
C:\PI\P\A\3\02707\312425\BIB24-F-10.DWG



DREDGING PLAN
 SCALE: 1" = 200'



PERMIT PLATE
NOT FOR CONSTRUCTION

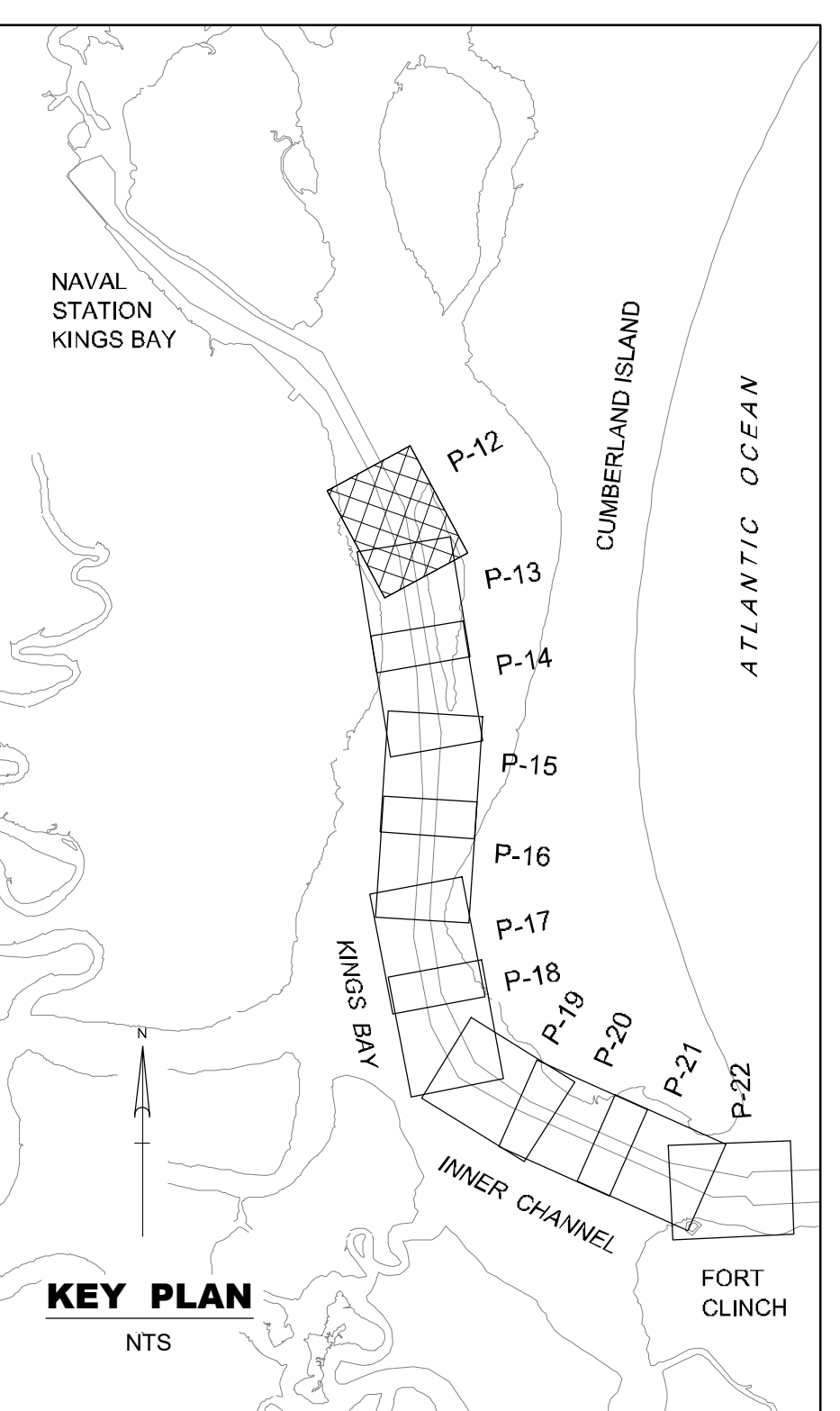
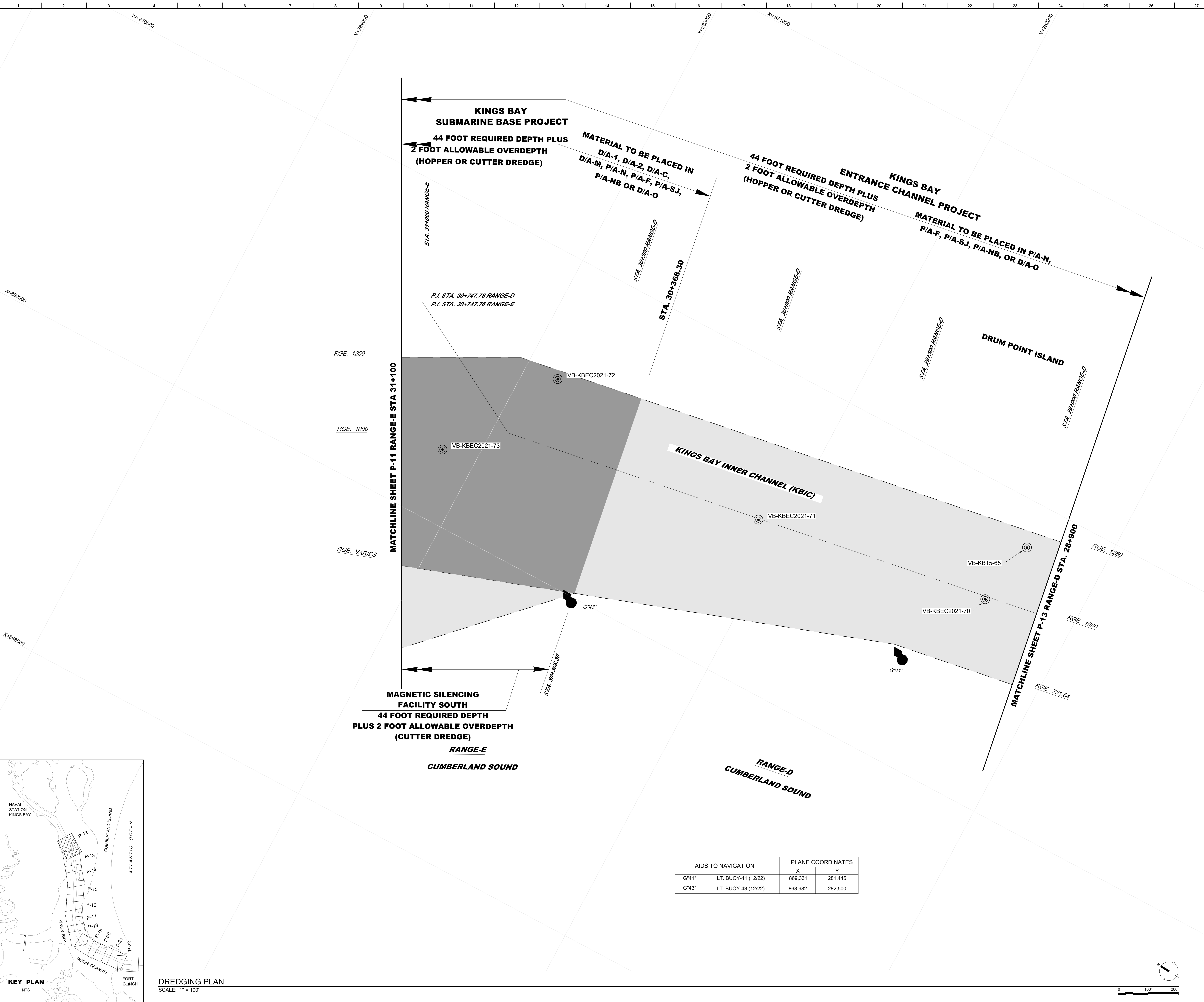


ISSUED DATE	REVISION	DESCRIPTION

DESIGNED BY:	J. BARNES	CONTRACT NO.:	
DRAWN BY:	J. BARNES	ISSUE DATE:	
CHECKED BY:	V. BOGHA	FILE NAME:	
APPROVED BY:	K. BARRETT	SIZE:	
ISSUED DATE:		SCALE:	
U.S. ARMY CORPS OF ENGINEERS		DRAWING NO.:	
JACKSONVILLE DISTRICT			
NASSAU COUNTY, FLORIDA AND SUWAY COUNTY, GEORGIA			
JACKSONVILLE, FL 32207			

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
 JACKSONVILLE DISTRICT
 NASSAU COUNTY, FLORIDA AND SUWAY COUNTY, GEORGIA
 JACKSONVILLE, FL 32207
 DREDGING PLAN
 PERMIT PLATE
 STA. 30+000 TO STA. 36+650, MSF, SS-S & ARDM YOKE

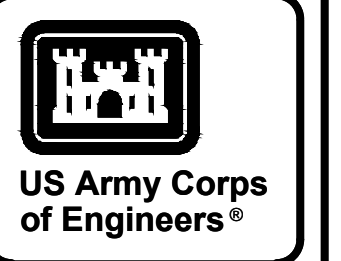
C:\PI\PARE\0207\0713\24\KB24P-11.DWG
 BARRY, KATHRYN R. CIV. USARMY, CE541, USAG



DREDGING PLAN
SCALE: 1" = 100'

AIDS TO NAVIGATION		PLANE COORDINATES	
		X	Y
G*41*	LT. BUOY-41 (12/22)	869,331	281,445
G*43*	LT. BUOY-43 (12/22)	868,982	282,500

PERMIT PLATE
NOT FOR CONSTRUCTION

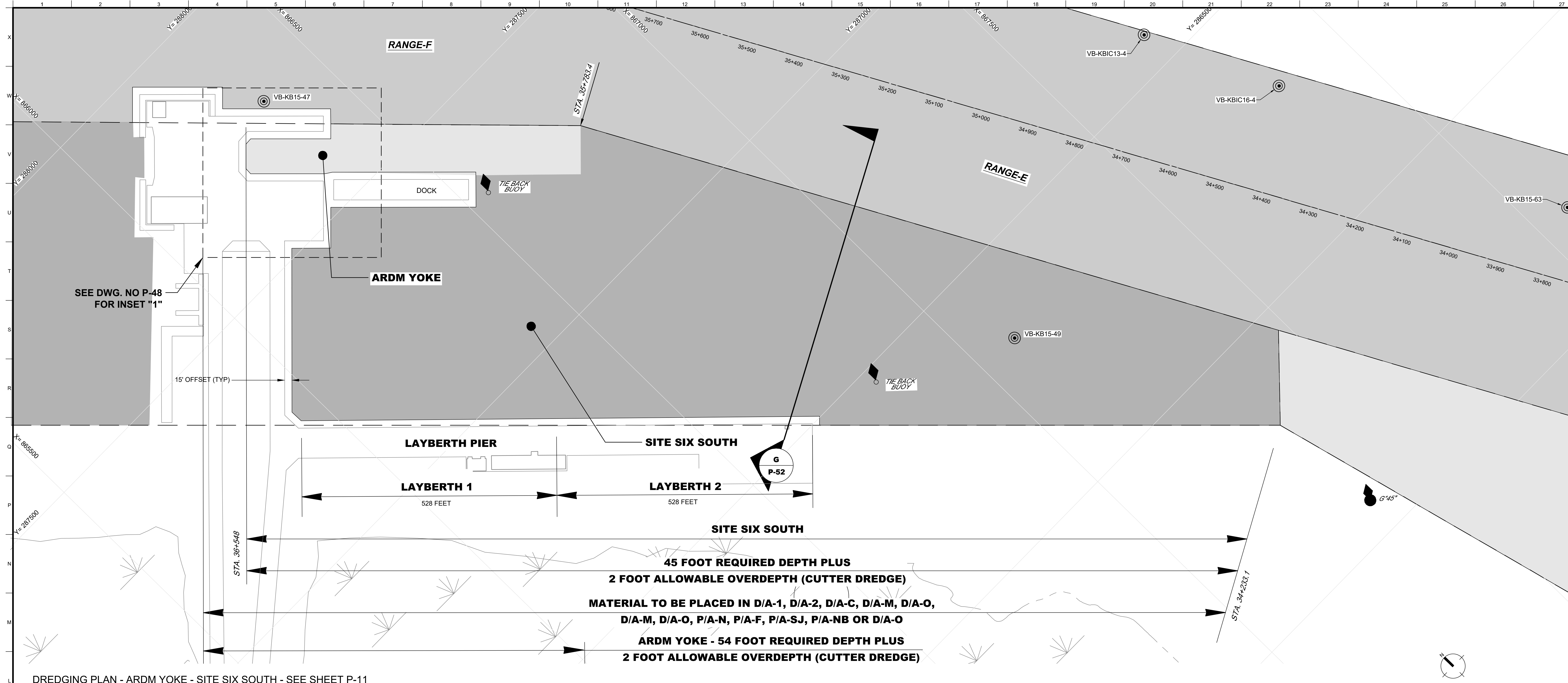


NO.	DATE	DESCRIPTION

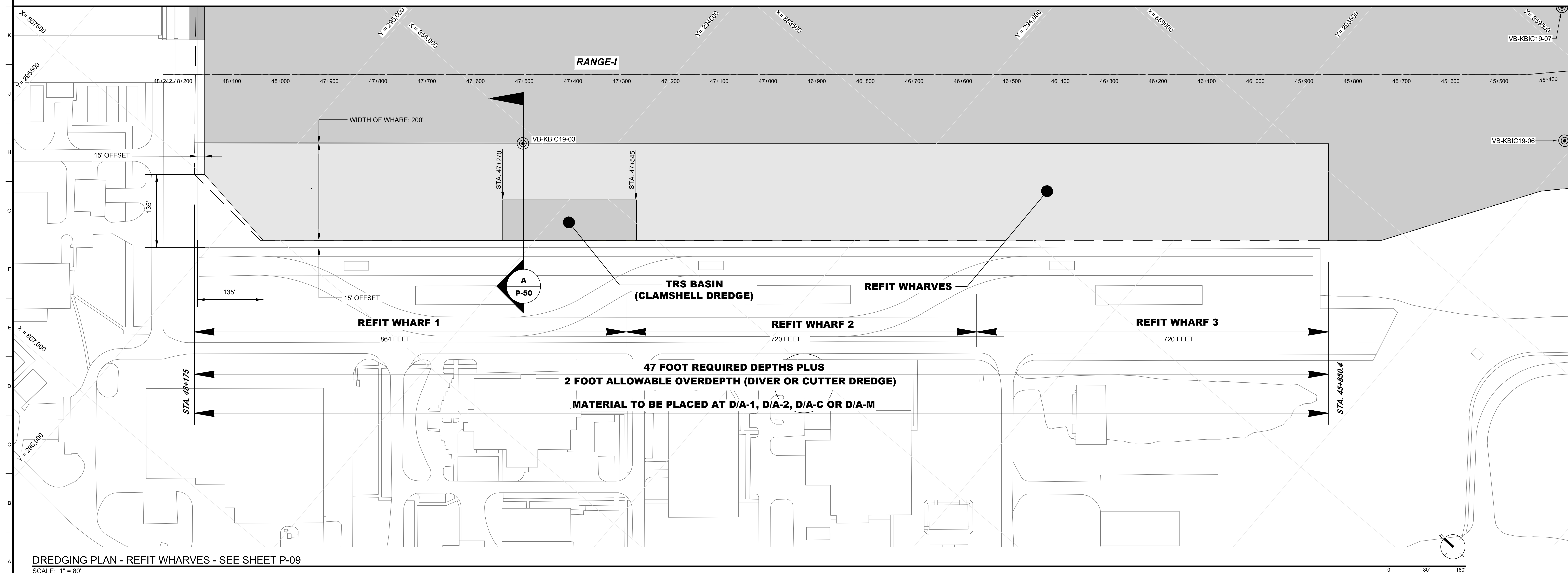
DESIGNED BY:	SOLICITATION NO.:	ISSUE DATE:
DRAWN BY:	CONTRACT NO.:	
CHECKED BY:	APPROVED BY:	
SCALE:	FILE NAME:	
	ANSI E	

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
 NAVY PERMITTING AND REGULATORY CENTER
 JACKSONVILLE, FLORIDA 32207
 JACKSONVILLE, FLORIDA COUNTY, GEORGIA
 PERMIT PLATE
 DREDGING PLAN
 STA. 28+900 RANGE-D TO STA. 32+000 RANGE-E

PLATE NO.
P-12



DREDGING PLAN - ARDM YOKE - SITE SIX SOUTH - SEE SHEET P-11
SCALE: 1" = 80'



DREDGING PLAN - REFIT WHARVES - SEE SHEET P-09
SCALE: 1" = 80'

PERMIT PLATE
NOT FOR CONSTRUCTION



US Army Corps of Engineers®

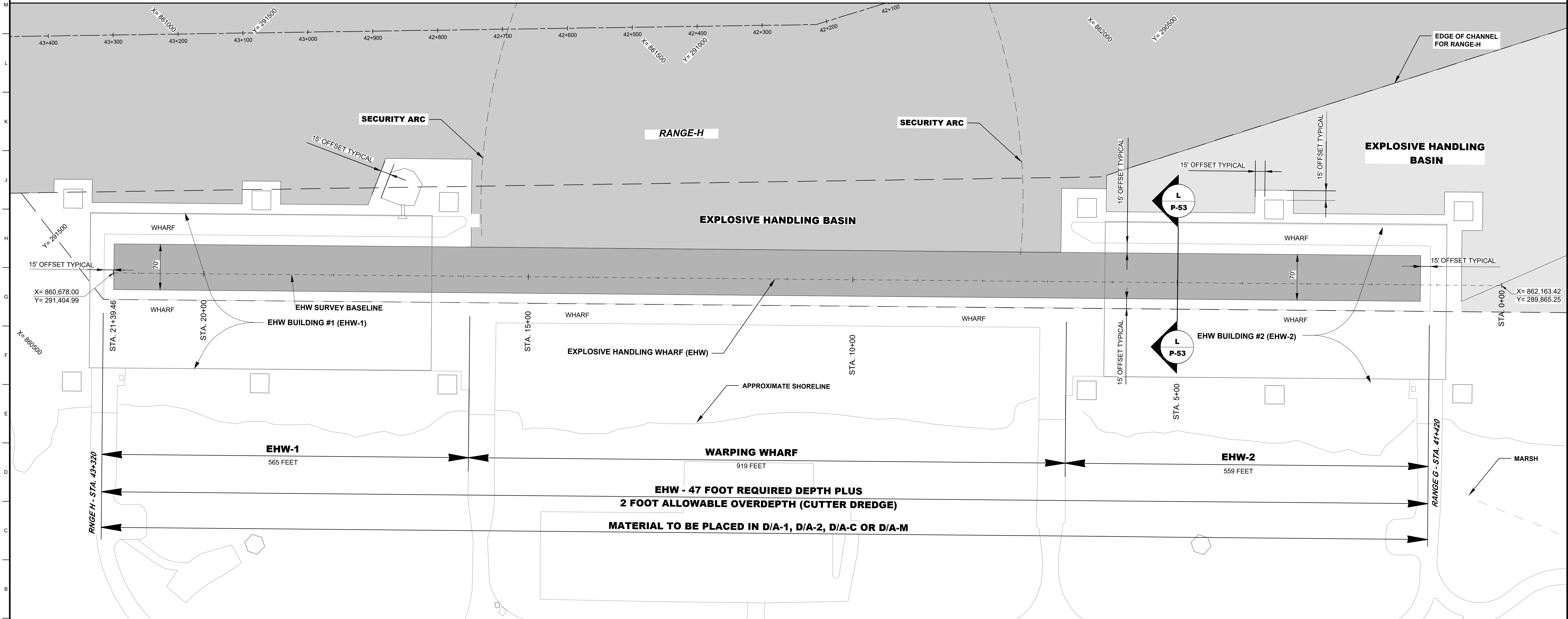
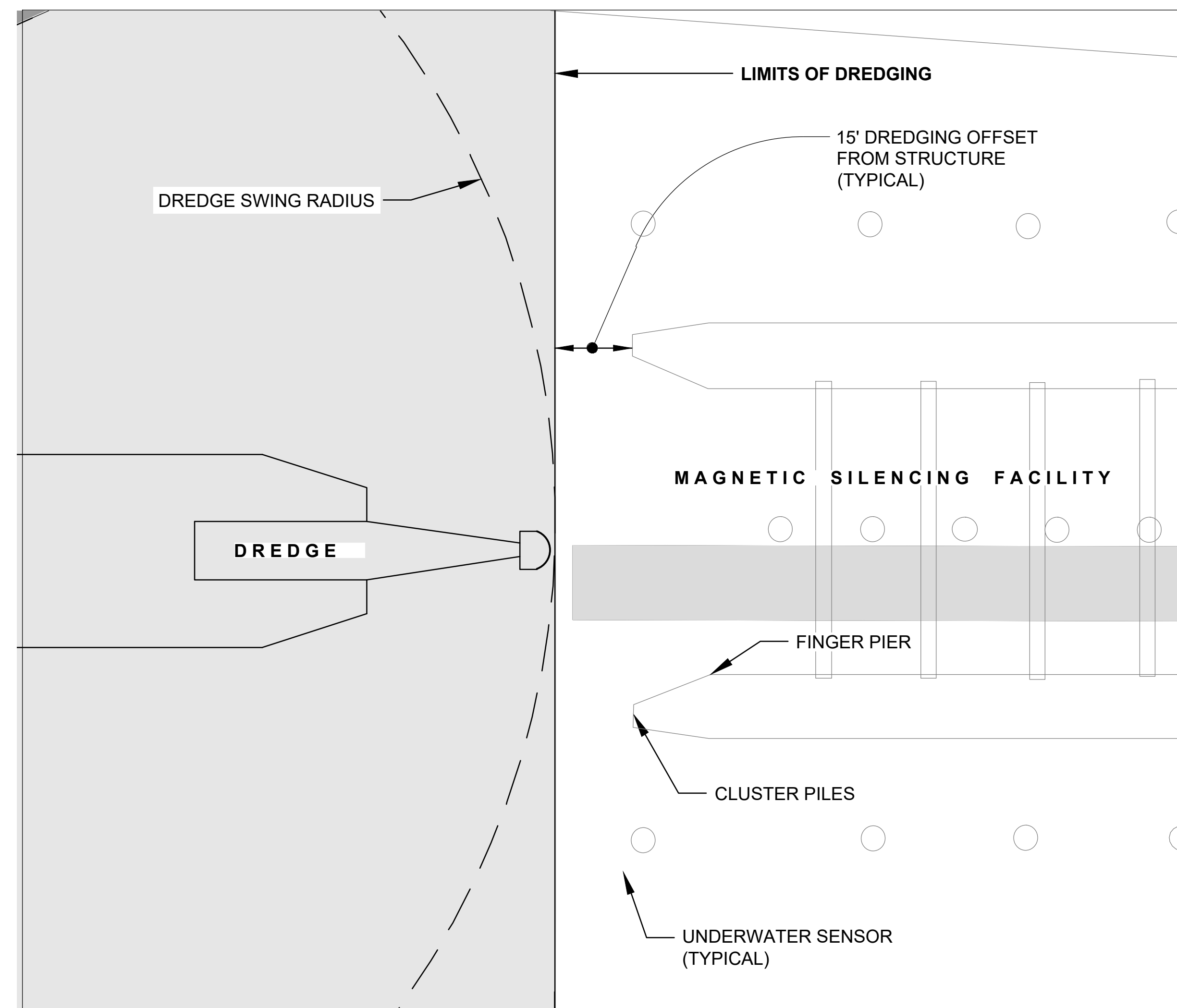
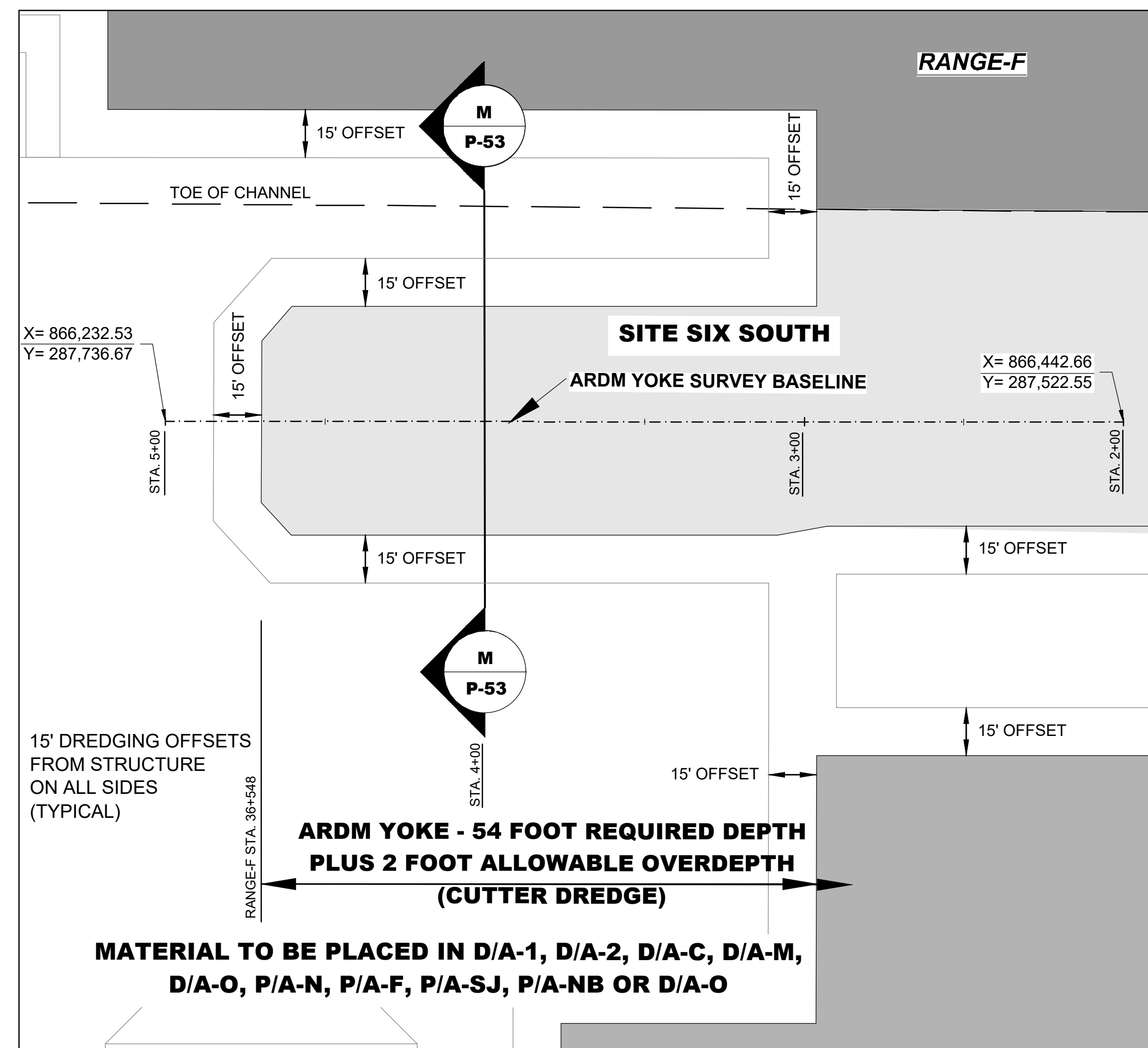
MARK	DESCRIPTION	DATE

ISSUED DATE:	FILE NAME:
DRAWN BY:	DATE:
CHECKED BY:	SCALE:
APPROVED BY:	PROJECT NO.:

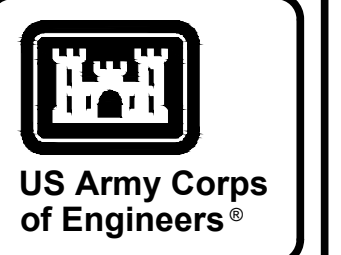
U.S. ARMY CORPS OF ENGINEERS	PROJECT NO.:
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL	
JACKSONVILLE DISTRICT	
JACKSONVILLE, FL 32207	

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL	PERMIT NO.:
JACKSONVILLE DISTRICT	
JACKSONVILLE, FL 32207	
JACKSONVILLE DISTRICT	
JACKSONVILLE, FL 32207	
JACKSONVILLE DISTRICT	
JACKSONVILLE, FL 32207	

PLATE NO.
P-47



PERMIT PLATE
NOT FOR CONSTRUCTION

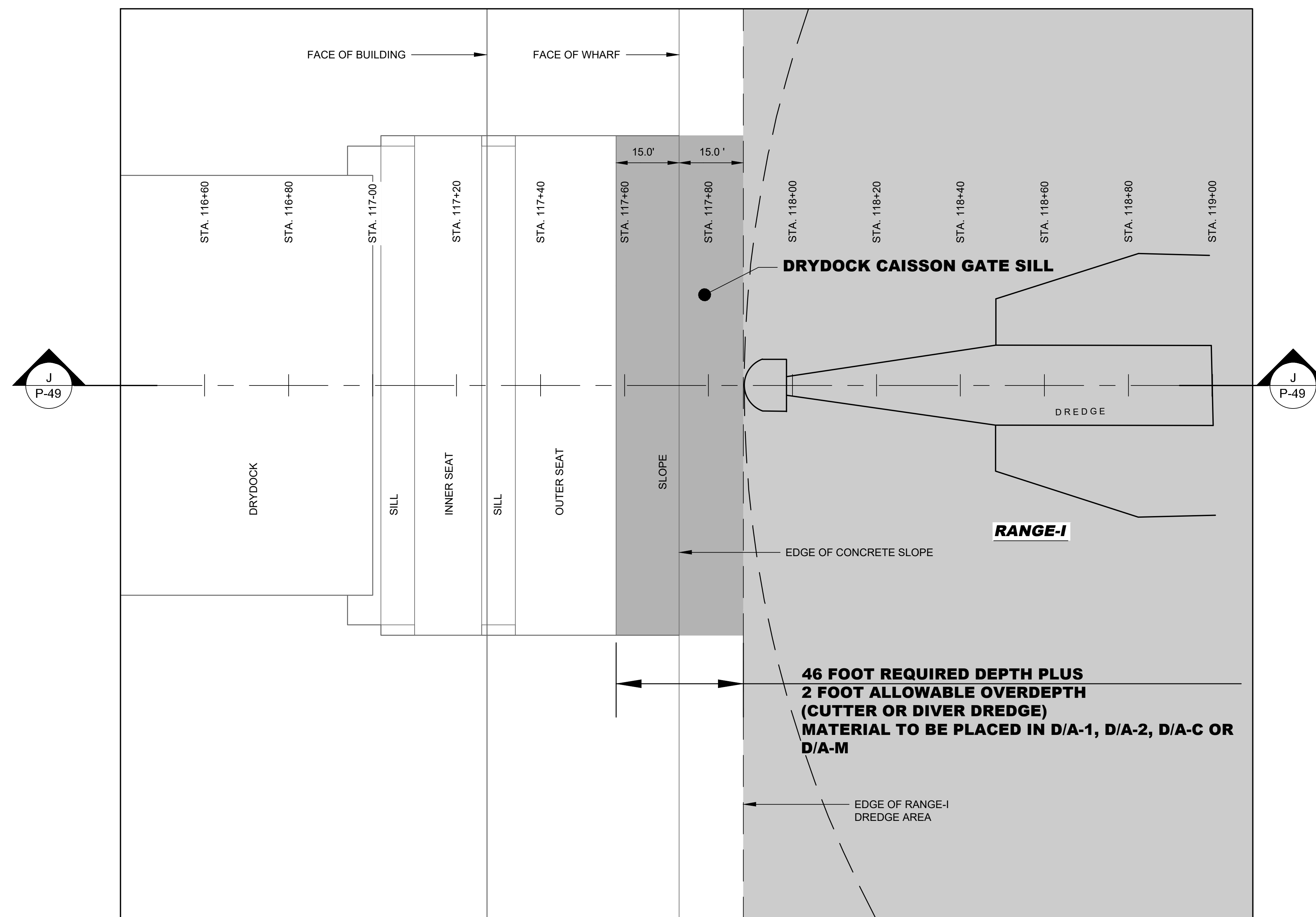


NO.	DATE	DESCRIPTION

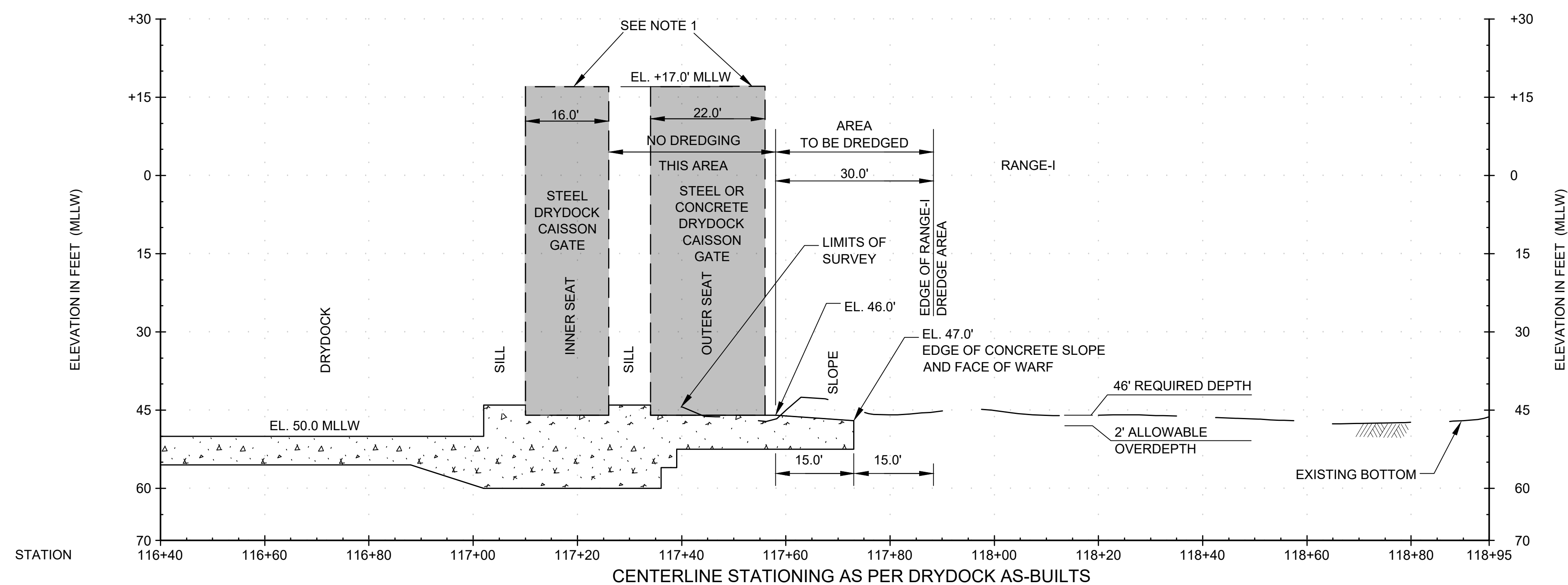
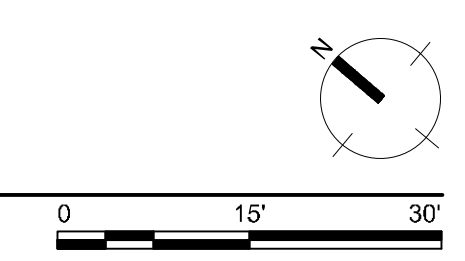
ISSUED BY:	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
SCALE:	

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
JACKSONVILLE DISTRICT
NASSAU COUNTY, FLORIDA AND SANDHILLS COUNTY, GEORGIA
PERMIT
DREDGING PLAN
EHW AND INSETS 1 & 2

PLATE NO.
P-48



INSET 3 - DREDGING PLAN - DRYDOCK CAISSON GATE SILL - SEE SHEET P-09
SCALE 1" = 15'



J
P-49 CROSS SECTION - DRYDOCK CAISSON GATE SILL



GENERAL SHEET NOTES

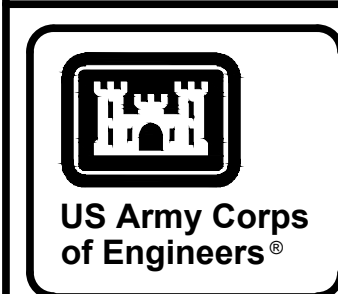
1. THE STEEL OR CONCRETE CAISSON MAY BE IN PLACE IN THE INNER OR OUTER SEAT DURING DREDGING OPERATIONS AT THE DRY DOCK. CONTRACTOR TO FIELD VERIFY PRESENCE OF THE CAISSON.

ISSUED BY:	K. SHAW	ISSUE DATE:	11/25/2023
DRAWN BY:	J. BODINA	SOLICITATION NO.:	132007
CHECKED BY:	V. BODINA	CONTRACT NO.:	132007
DATE:	11/25/23	FILE NAME:	132007-01-01
SCALE:	AS SHOWN	FILE SIZE:	132007-01-01

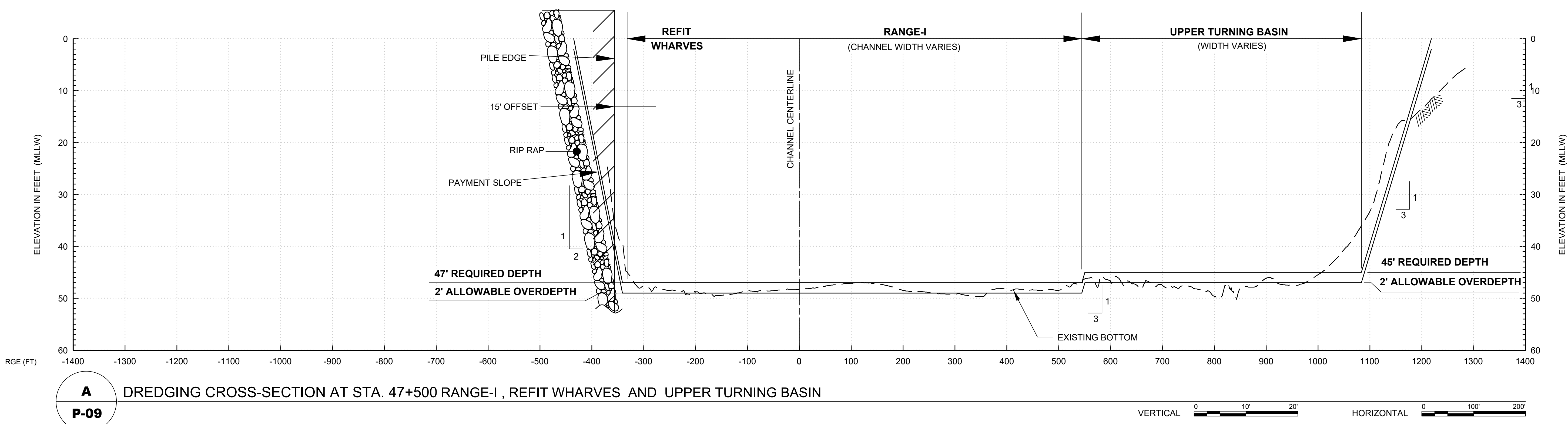
U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FL 32207

PLATE NO.
P-49

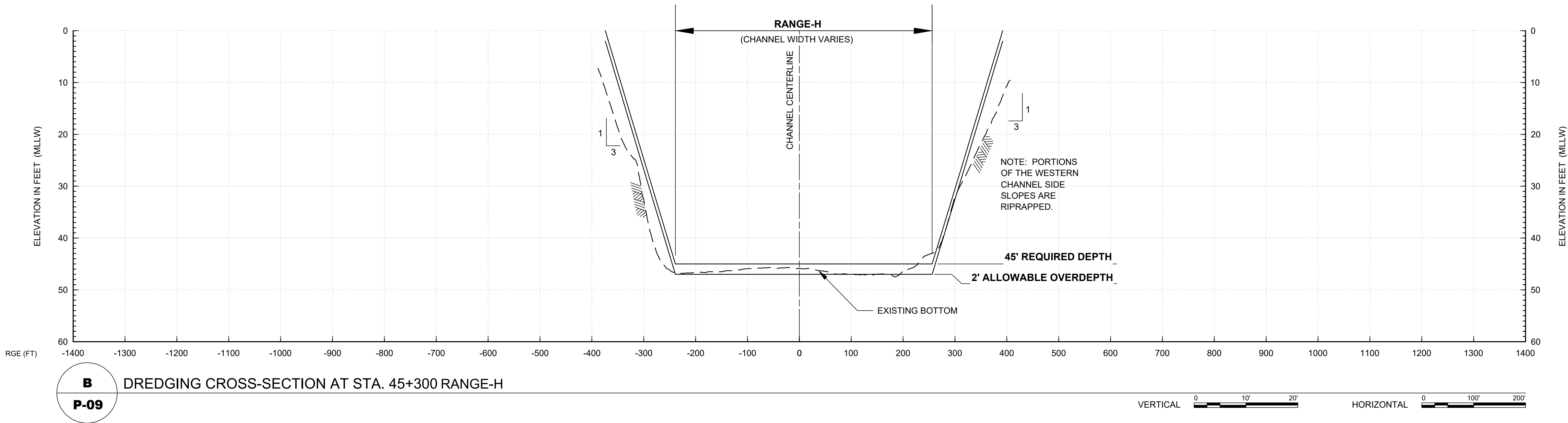
PERMIT PLATE
NOT FOR CONSTRUCTION



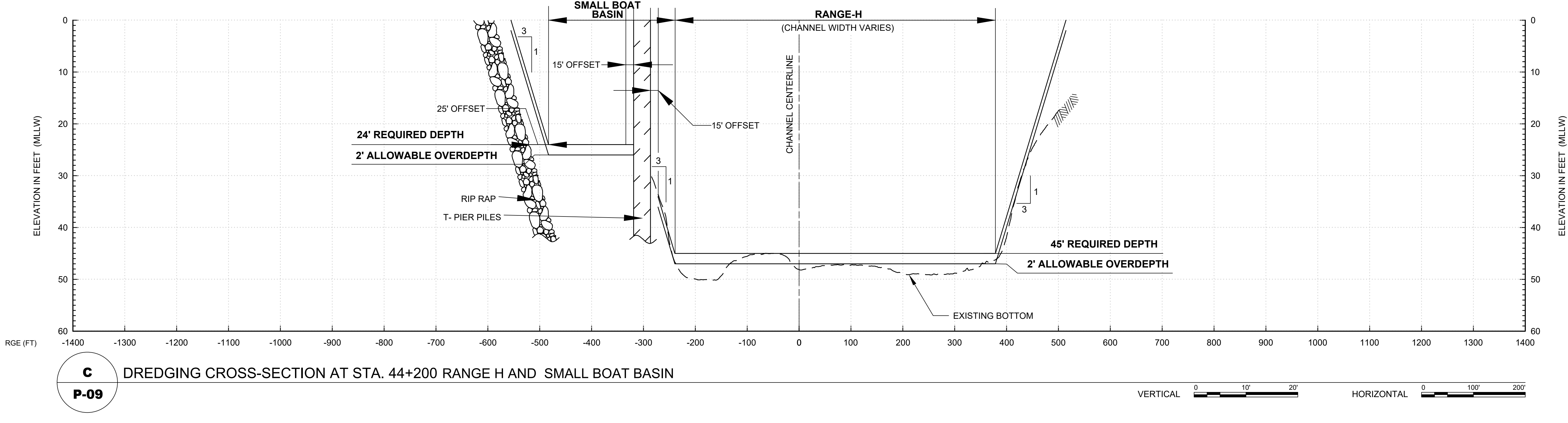
MARK	DESCRIPTION	DATE



A
P-09 DREDGING CROSS-SECTION AT STA. 47+500 RANGE-I, REFIT WHARVES AND UPPER TURNING BASIN

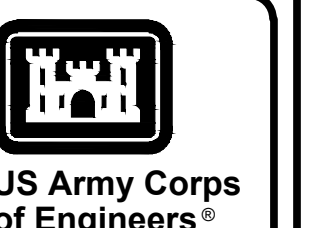


B
P-09 DREDGING CROSS-SECTION AT STA. 45+300 RANGE-H



C
P-09 DREDGING CROSS-SECTION AT STA. 44+200 RANGE H AND SMALL BOAT BASIN

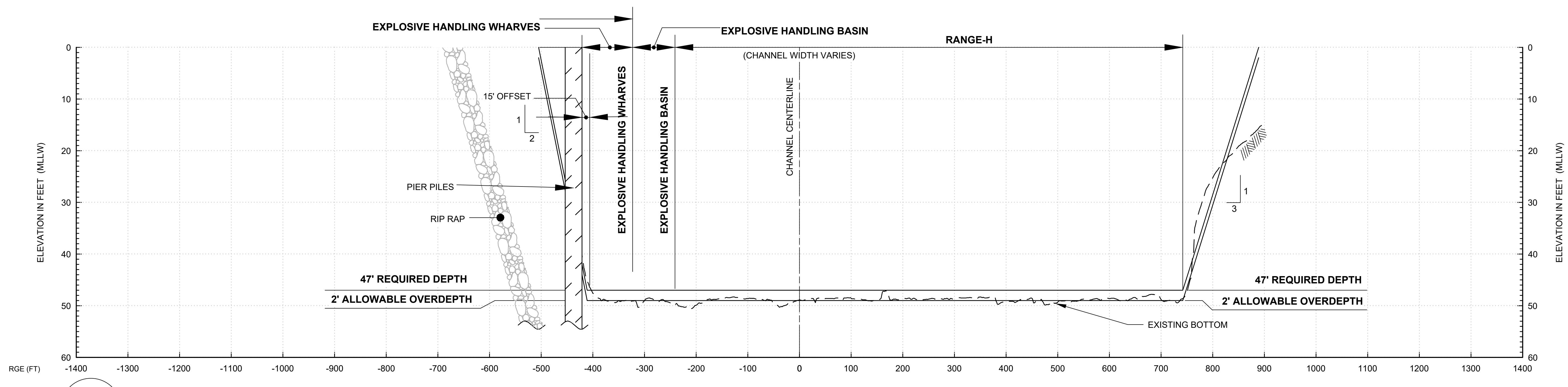
**PERMIT PLATE
NOT FOR CONSTRUCTION**



MARK	DESCRIPTION	DATE

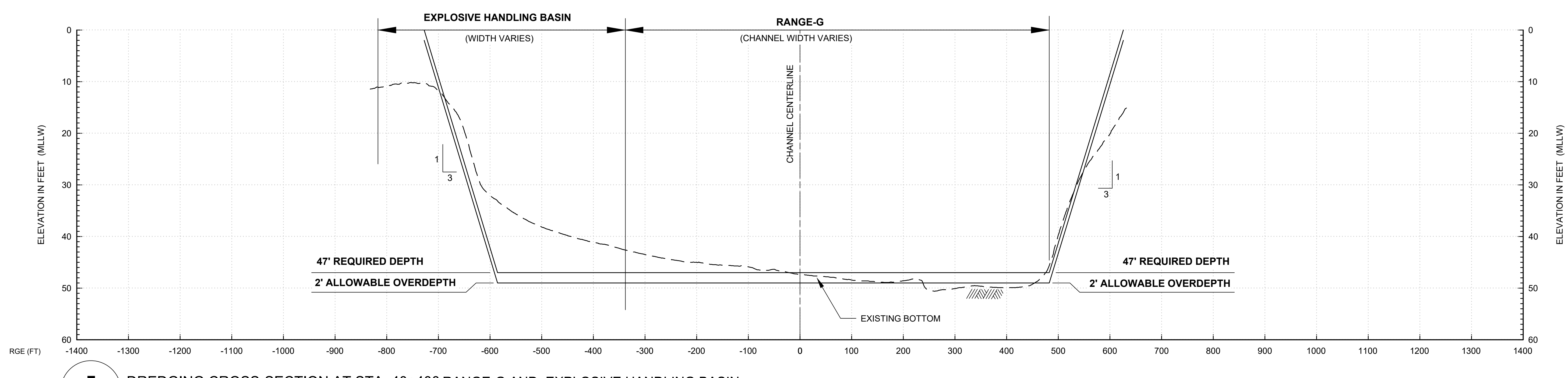
ISSUED BY: K. SHAW	SOLICITATION NO.:
DRAWN BY: J. BROWN	CONTRACT NO.:
CHECKED BY: V. BOGNA	FILE DATE:
REVISION BY: K. SHAW	FILE NAME:
SIZE:	SIZE:

U.S. ARMY CORPS OF ENGINEERS
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
PERMIT
DREDGING CROSS SECTIONS
RANGE-H, RANGE-I, UTB, RFW & SBB



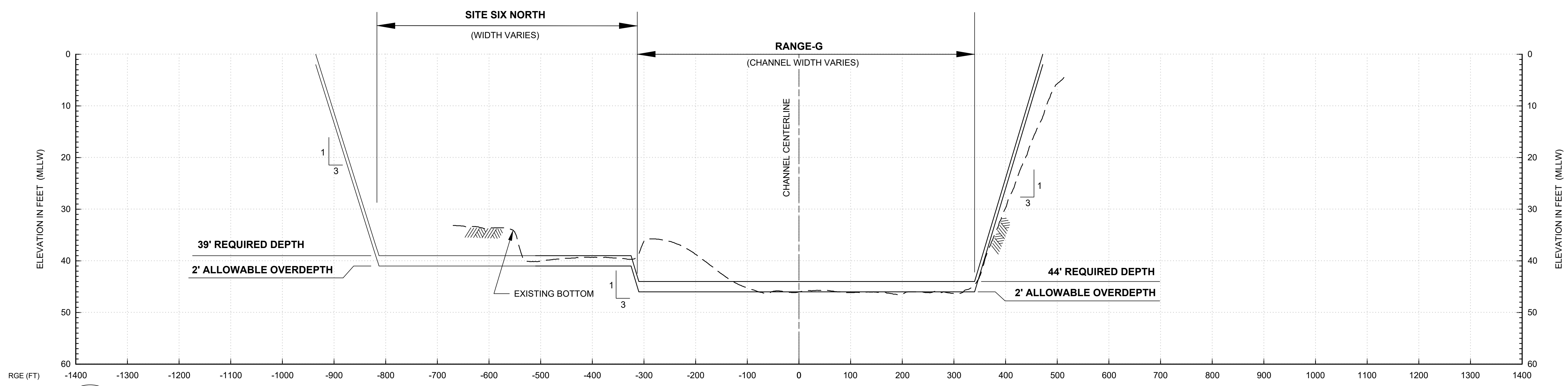
D DREDGING CROSS-SECTION AT STA. 42+500 RANGE H AND EXPLOSIVE HANDLING BASIN
P-09

VERTICAL 0 10' 20'
HORIZONTAL 0 100' 200'



E DREDGING CROSS-SECTION AT STA. 40+400 RANGE-G AND EXPLOSIVE HANDLING BASIN
P-10

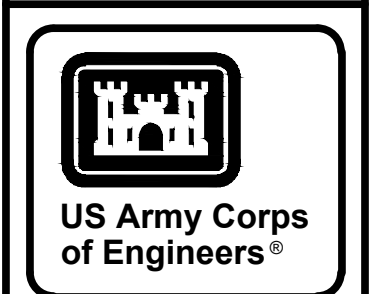
VERTICAL 0 10' 20'
HORIZONTAL 0 100' 200'



F DREDGING CROSS-SECTION AT STA. 38+000 RANGE-G AND SITE SIX NORTH
P-10

VERTICAL 0 10' 20'
HORIZONTAL 0 100' 200'

PERMIT PLATE
NOT FOR CONSTRUCTION

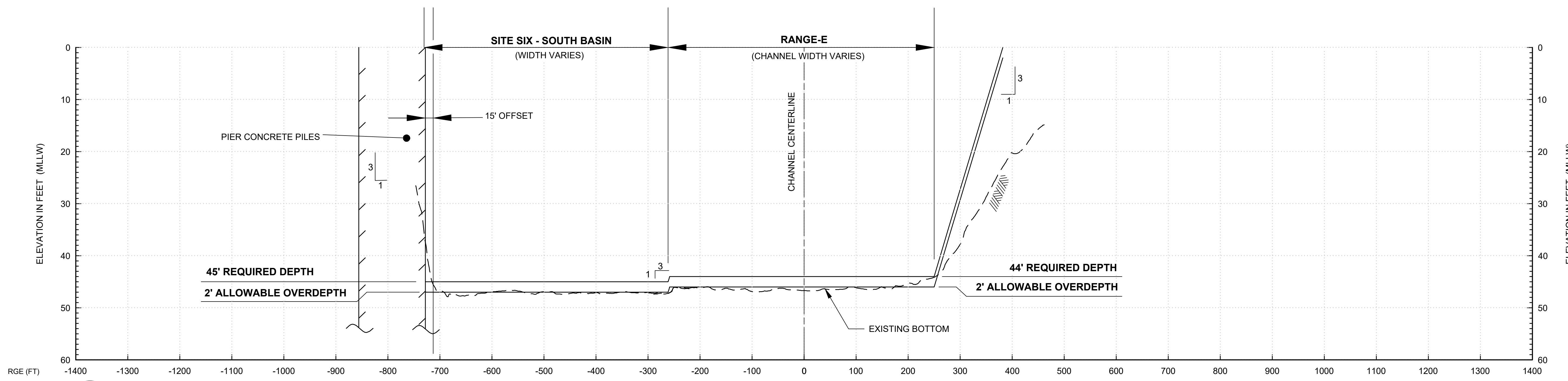


MARK	DESCRIPTION	DATE

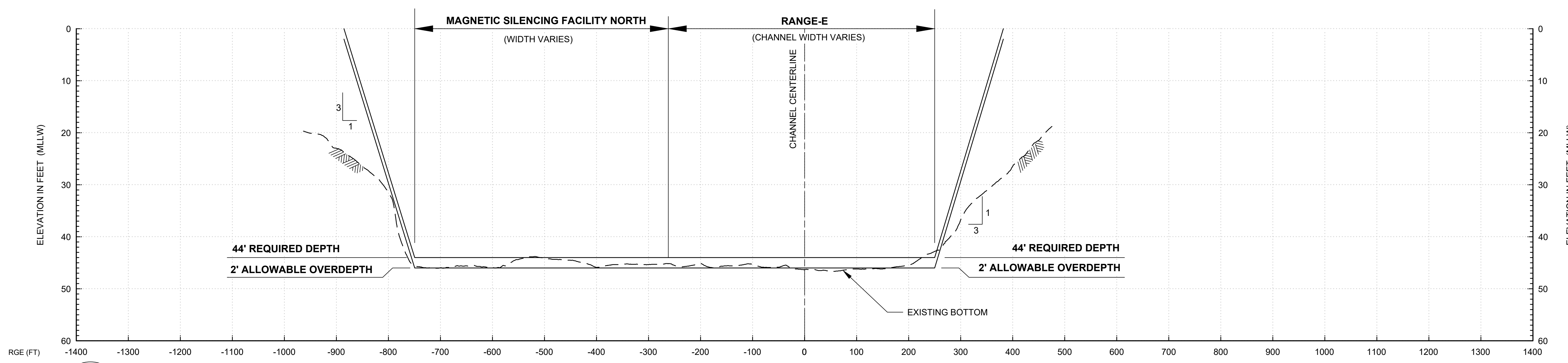
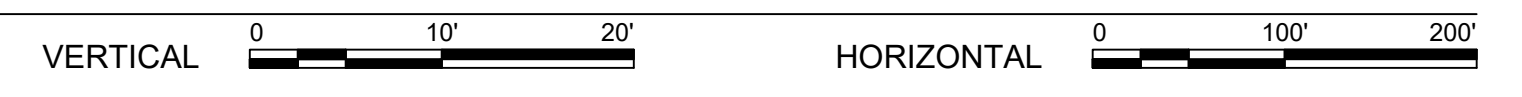
ISSUED BY: K. BARR	ISSUE DATE: 21 SEP 23
DRAWN BY: J. BARR	SOLICITATION NO.:
CHECKED BY: V. BOGNA	CONTRACT NO.:
DATE: 21 SEP 23	FILE NAME: 37658B024-F-31.DWG
SIZE: A3	

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA
PERMIT
DREDGING CROSS SECTIONS
RANGE-G, RANGE-H, EHB, SS-N

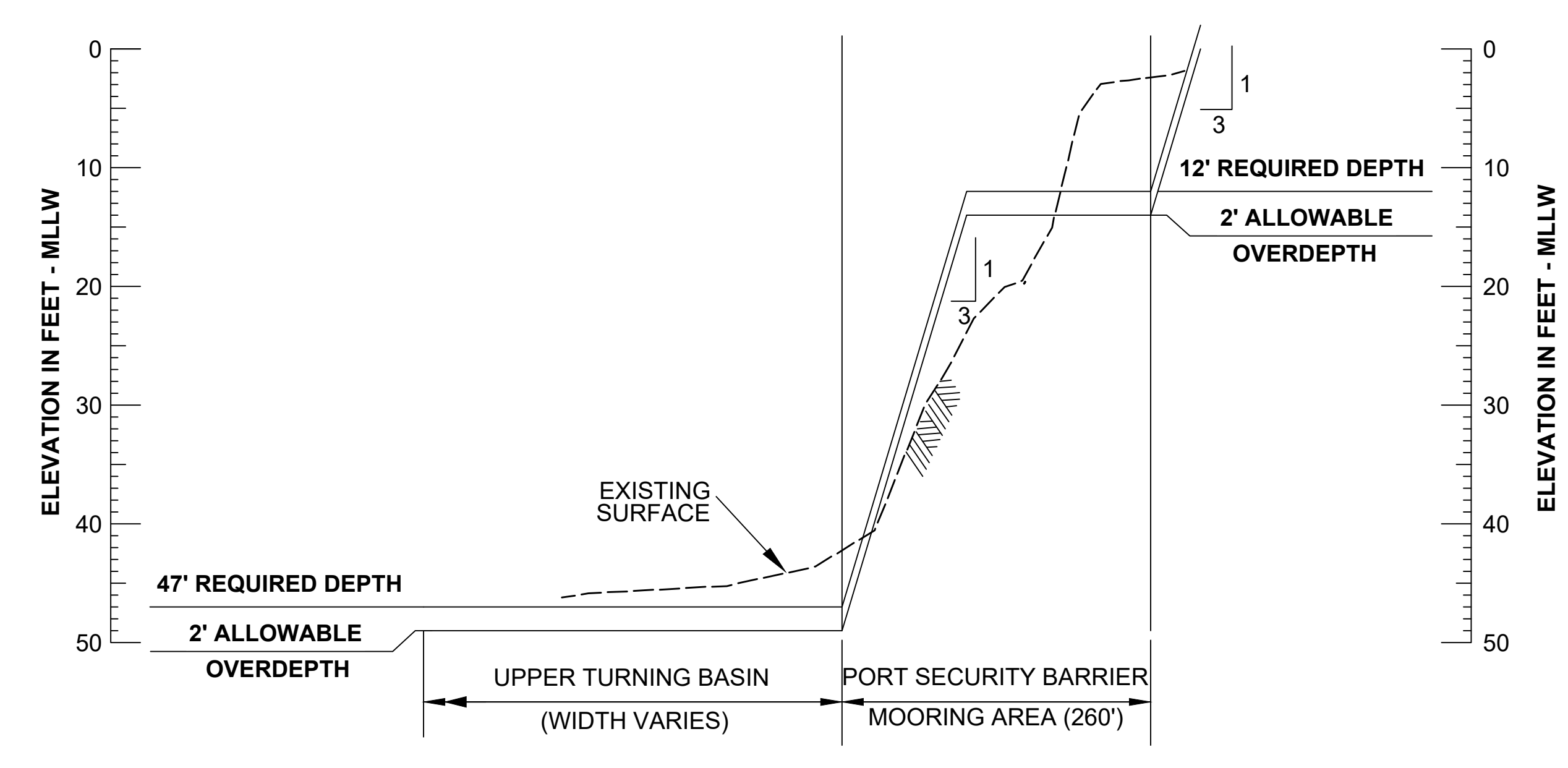
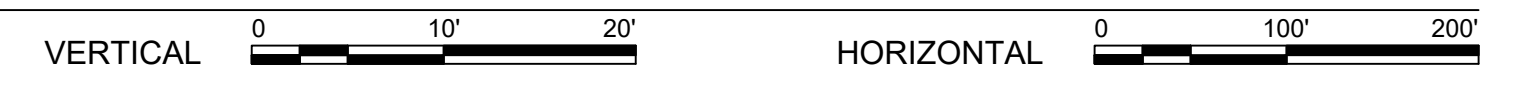
PLATE NO.
P-51



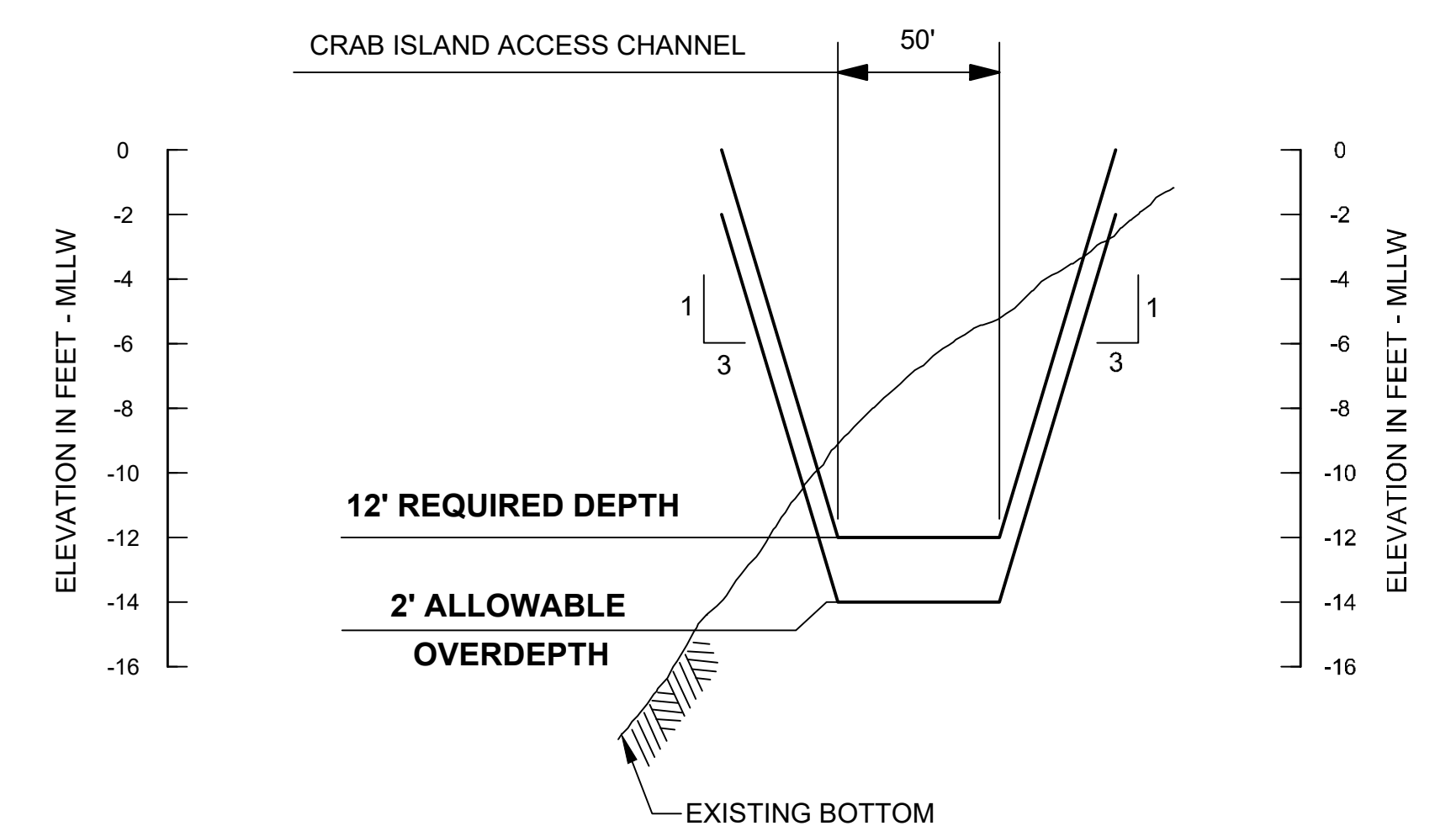
G DREDGING CROSS-SECTION AT STA. 35+200 RANGE E AND SITE SIX - SOUTH
P-11



H DREDGING CROSS-SECTION AT STA. 33+000 RANGE-E AND MAGNETIC SILENCING FACILITY NORTH
P-11

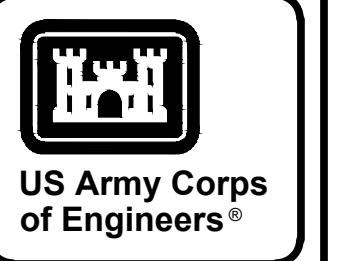


I PORT SECURITY BARRIER MOORING AREA
P-09



J CROSS SECTION - CRAB ISLAND ACCESS CHANNEL
 N.T.S.

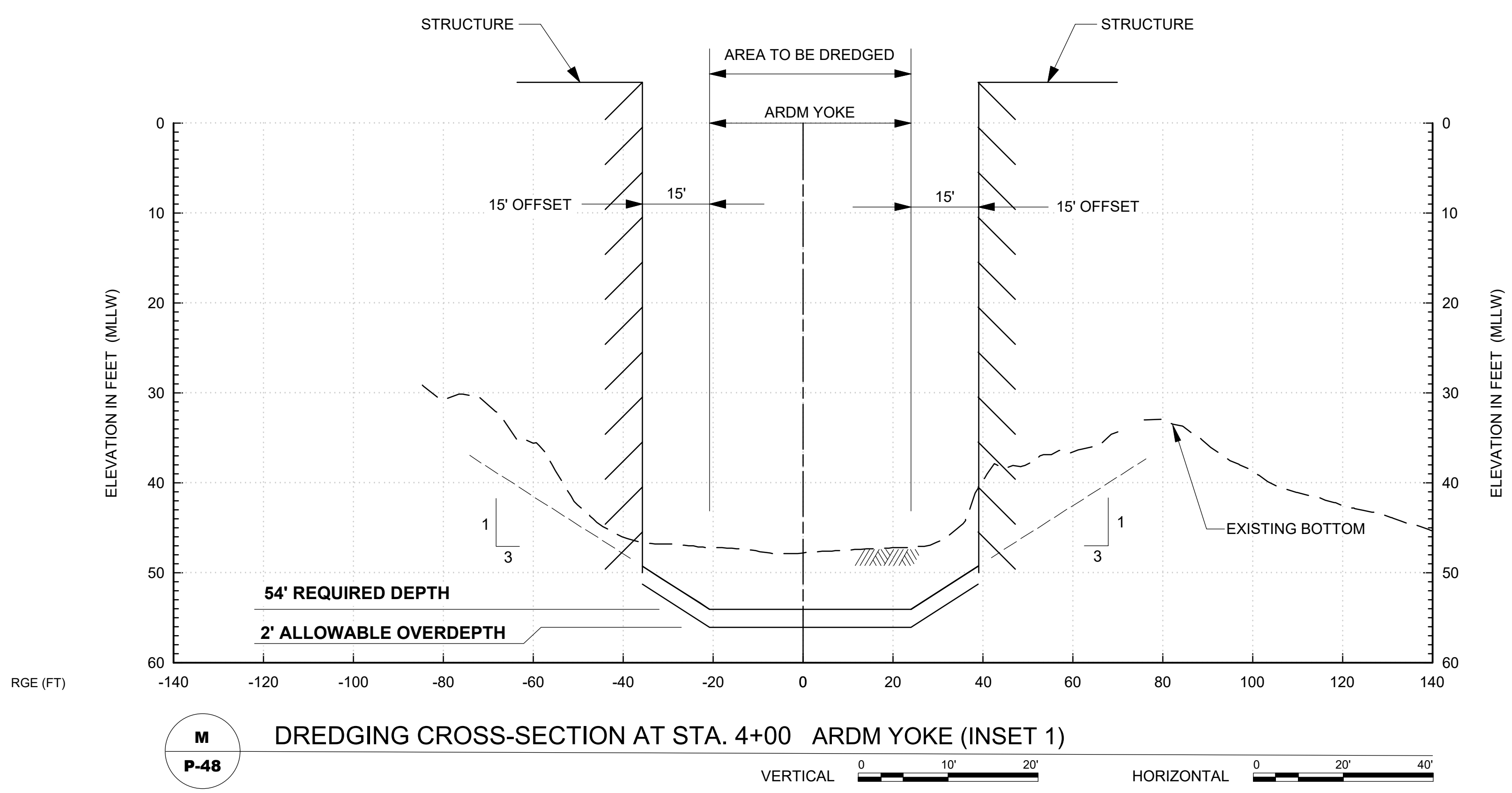
PERMIT PLATE
NOT FOR CONSTRUCTION



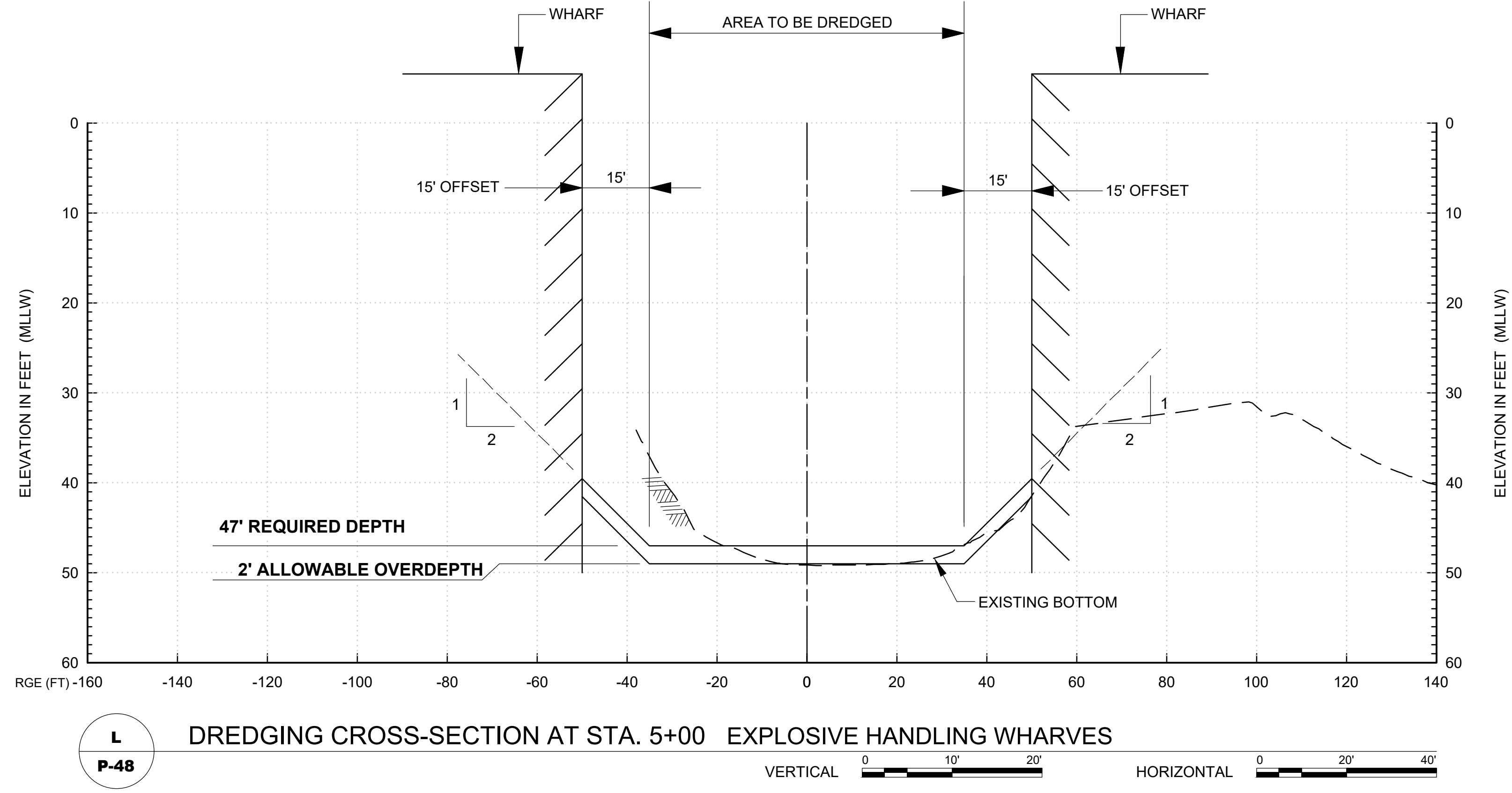
MARK	DESCRIPTION	DATE

ISSUED BY:	ISSUE DATE:
DRAWN BY:	SOLICITATION NO.:
CHECKED BY:	CONTRACT NO.:
IN CHARGE:	PROJECT NAME:
FILE NAME:	FILE DATE:
FILE SIZE:	FILE TIME:
FILE PATH:	FILE EXTENSION:

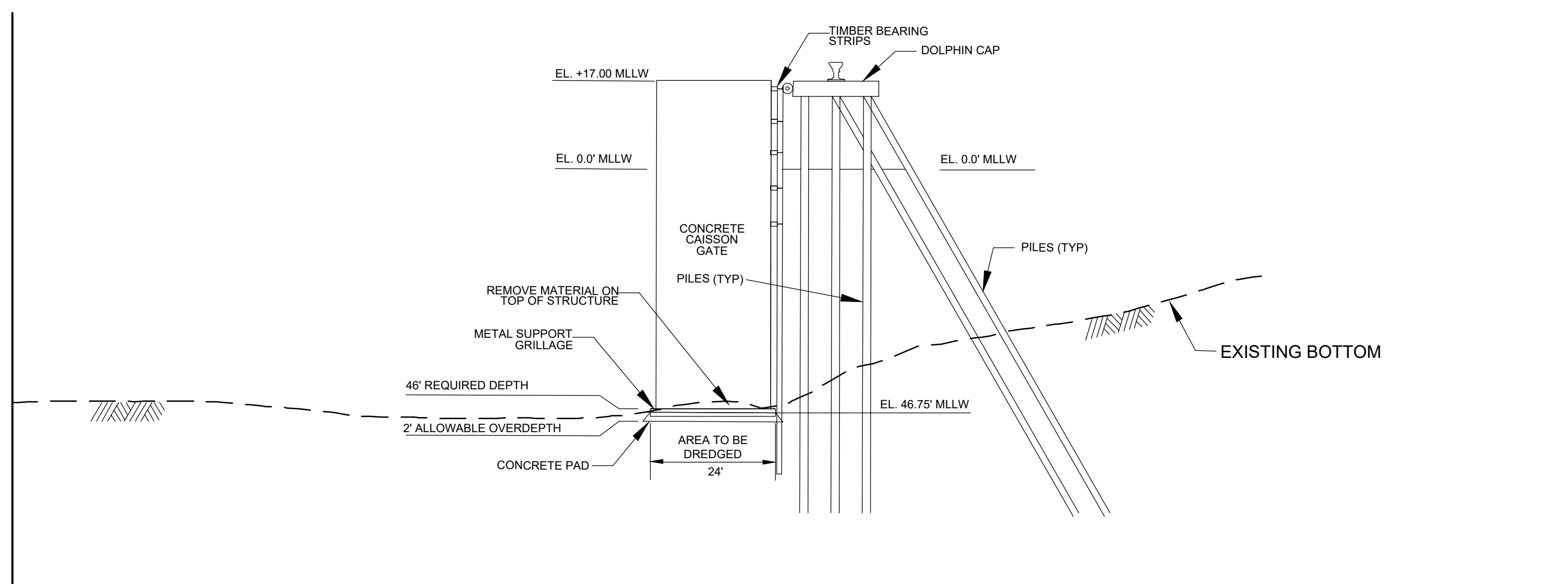
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
 PERMIT
 DREDGING CROSS SECTIONS
 RANGE-E, SS-S, MSF-N



M
P-48 DREDGING CROSS-SECTION AT STA. 4+00 ARDM YOKE (INSET 1)



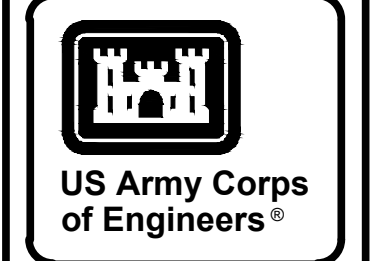
L
P-48 DREDGING CROSS-SECTION AT STA. 5+00 EXPLOSIVE HANDLING WHARVES



K
P-09 CROSS SECTION - DRYDOCK CAISSON GATE MOORING FACILITY

NOT TO SCALE

PERMIT PLATE
NOT FOR CONSTRUCTION



MARK	DESCRIPTION	DATE

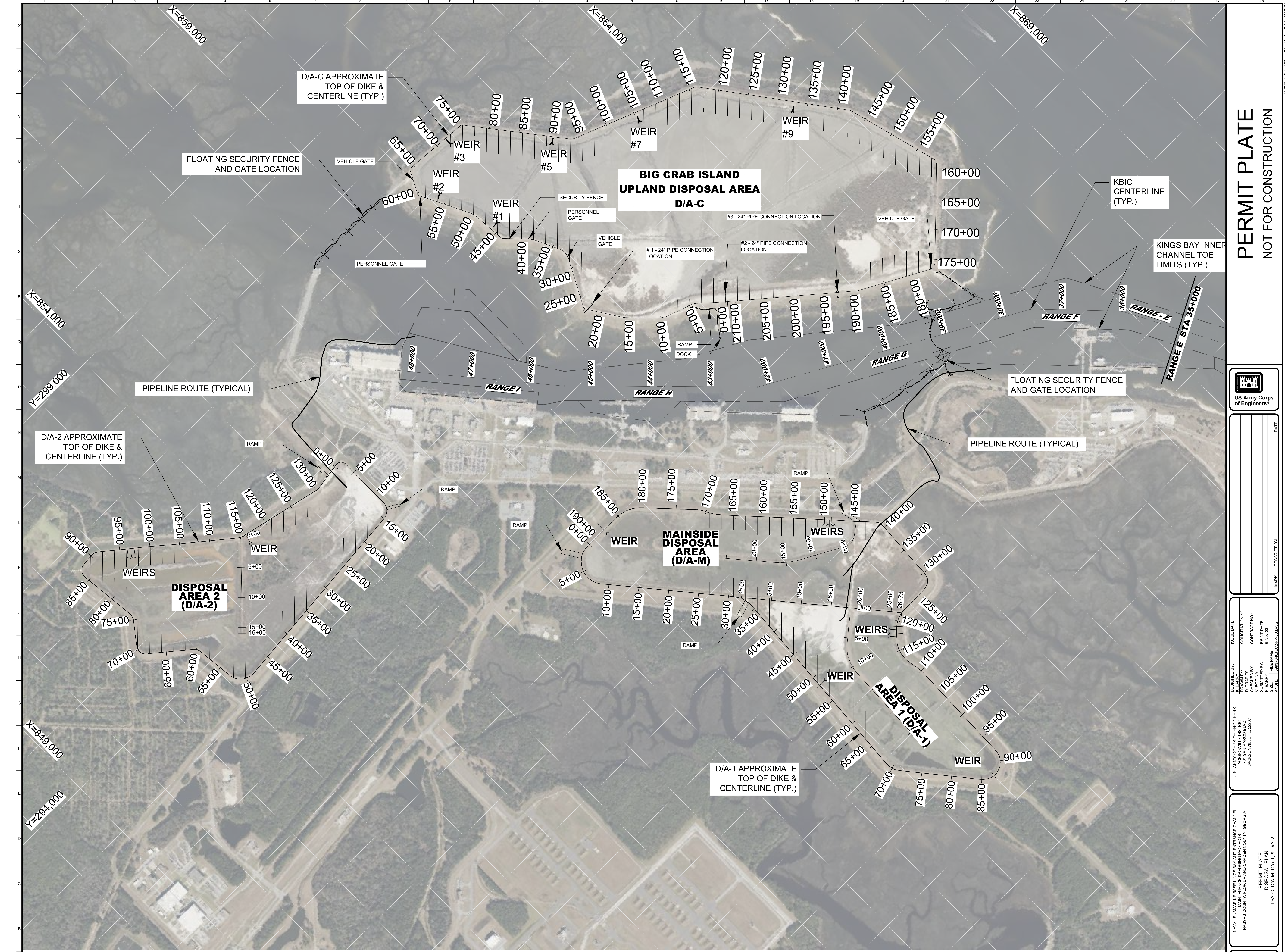
ISSUED DATE:	15-SEP-23
DESIGNED BY:	K. BERRY
DRAWN BY:	V. BODINA
CHECKED BY:	V. BODINA
PROJECT NO.:	15-SEP-23
CONTRACT NO.:	15-SEP-23
FILE NAME:	15-SEP-23
SIZE:	15-SEP-23
ANSI:	15-SEP-23

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FL 32207

NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
NAVY INFRASTRUCTURE ENGINEERING CENTER
NASSAU COUNTY, TERRACEVILLE, GEORGIA

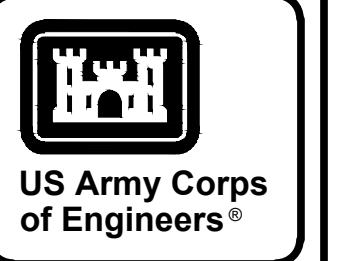
PERMIT
DREDGING CROSS SECTIONS- ARDM YOKE,
EHW, DRYDOCK CAISSON GATE MOORING FACILITY

PLATE NO.
P-53



DISPOSAL PLAN - D/A-C, D/A-M, D/A-1, & D/A-2
SCALE: 1" = 500'

PERMIT PLATE
NOT FOR CONSTRUCTION



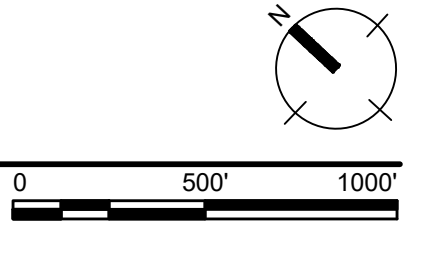
NO.	DATE	DESCRIPTION

ISSUED BY:	K. SHAW
DRAWN BY:	J. BOGNA
CHECKED BY:	V. BOGNA
DESIGNED BY:	K. SHAW
FILE NAME:	180202-BE242-26.DWG
SIZE:	A3

U.S. ARMY CORPS OF ENGINEERS
NAVAL SUBMARINE BASE KINGS BAY AND ENTRANCE CHANNEL
PERFORMANCE ENGINEERING CENTER
JAY SINNARDI BLVD.
JACKSONVILLE, FL 32207

PERMIT PLATE
DISPOSAL PLAN
D/A-C, D/A-M, D/A-1, & D/A-2

PLATE NO.
P-60



C:\PWARE\0207987\989795-BE242-F-60.DWG
 TROBITTS, DUANE E. CIVIL ENGINEER, P.E. (USA)