US Army Corps of Engineers®
NEW YORK DISTRICT

MAINTENANCE DREDGING
NEW YORK HARBOR
SANDY HOOK CHANNEL, NJ
FEDERAL NAVIGATION PROJECT

SOLICITATION NO.: W912DS-26-B-A028
CONTRACT NO.: W912DS-26-C-A###
ISSUE DATE: JULY 2026

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C-001	DREDGING AREA AND SOUNDINGS

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
26 FEDERAL PLAZA
NEW YORK NEW YORK 10278

OPERATIONS DIVISION
OPERATIONS SUPPORT BRANCH
TECHNICAL SUPPORT SECTION
CENAN-OP-ST

DESIGNED BY: J. WONG
DRAWN BY: J. WONG
CHECKED BY: D. PATEL
SUBMITTED BY: M. CORSEBACK
SIZE: ANSI D
ISSUE DATE: JULY 2026
SOLICITATION NO.: W912DS-26-B-A028
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SHC26

MAINTENANCE DREDGING
NEW YORK HARBOR
SANDY HOOK CHANNEL, NJ
FEDERAL NAVIGATION PROJECT

COVER SHEET & INDEX

SHEET ID
1 OF 3
G-001

SOLICITATION

GENERAL PROJECT NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
2. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
3. THE TOPOGRAPHIC DATA ON THIS MAP MEET EM 1110-1-1005 ACCURACY STANDARDS.
4. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
5. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
6. SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER [EPOCH 1983-2001].
7. MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
8. MEAN LOW WATER IS 2.6 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
9. MEAN HIGH WATER IS 2.0 FEET ABOVE NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
10. SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 60' INTERVAL.
11. CONTOURS ON THIS MAP WERE GENERATED USING THE 3 x 3 DATA SET.
12. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
13. AERIAL IMAGERY PROVIDED BY NY GIN 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
14. THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
15. DO NOT ENTER U.S. COAST GUARD PROPERTY WITHOUT PROVIDING USACE PROPER JUSTIFICATION AND RECEIVING USACE APPROVAL.
16. THE CONTRACTOR MUST ABIDE TO THE NATIONAL PARK SERVICE (NPS) SPECIAL USE PERMIT (SUP) CONDITIONS WHILE ON NPS PROPERTY. THE CONTRACTOR IS REQUIRED TO INSTALL AND MAINTAIN THE FENCING AND SIGNAGE ON PREMISE THROUGHOUT THE PROJECT. REFER TO SECTION 00 90 02 FCD / WATER QUALITY CERTIFICATE, AND SECTION 01 11 00 SUMMARY OF WORK FOR MORE INFORMATION.

PROJECT LEGEND

CHANNEL TOE

BASIC WORK DREDGING TO -35 FT MLLW

DO NOT TRESPASS

CHANNEL POINT ID — 2B

NAV. AID

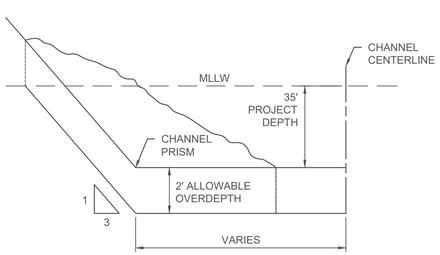
35-FT CONTOUR — -35

CHANNEL COORDINATES

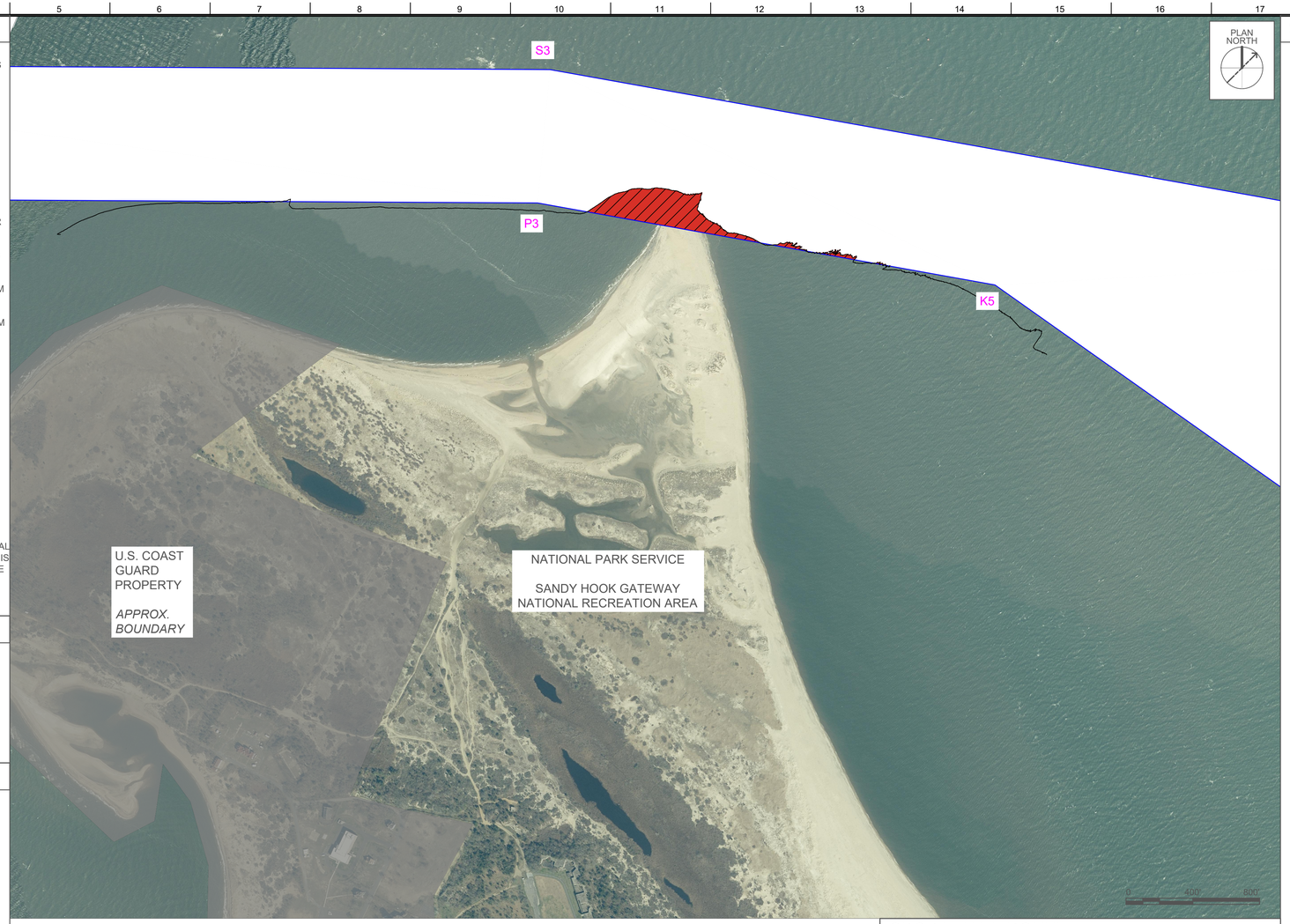
NEW YORK HARBOR
SANDY HOOK CHANNEL

EASTING	NORTHING	POINT ID
617393.818	599408.107	SMR
620987.471	598382.280	S4
622409.718	598963.893	E4
628066.874	601277.328	S3
634149.520	602613.176	POL-S2-S3
634955.797	601988.014	K1
653910.010	587291.476	K2
653419.855	586659.322	K3
636325.933	599913.443	K4
631024.938	601108.101	K5
628305.822	600510.819	P3
623422.342	598513.770	N9
621034.057	597537.106	P4
620740.198	597620.989	N1
617368.809	598583.370	P5

TYPICAL DREDGING SECTION

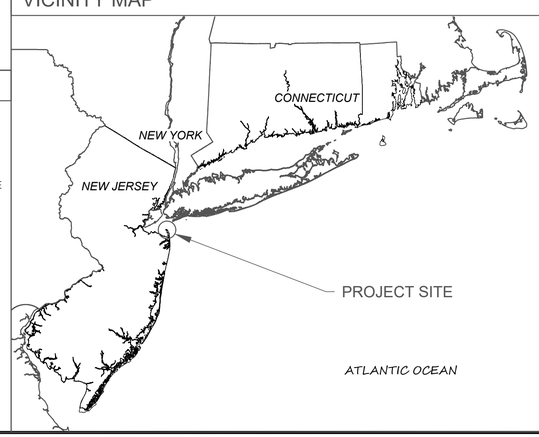


NOT TO SCALE

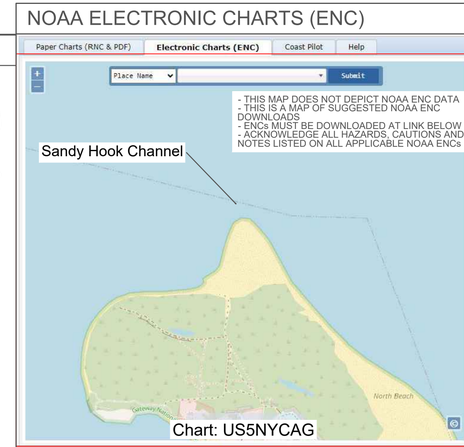


F1 PROJECT SITE PLAN
SCALE: 1" = 400'

VICINITY MAP



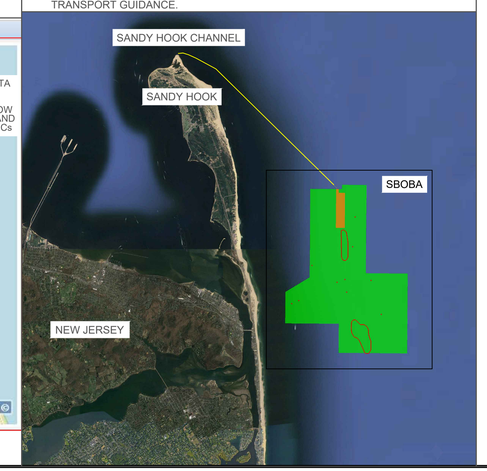
NOAA ELECTRONIC CHARTS (ENC)



Available for download at:
https://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml

SBOBA HAUL ROUTE

1. APPROXIMATELY 5 NAUTICAL MILES TO SEA BRIGHT OFFSHORE BORROW AREA (SBOBA).
2. PLEASE REFER TO SPECS SECTION 35 20 23.10 18 "SBOBA DREDGED MATERIAL TRANSPORT, PLACEMENT AND MONITORING" FOR MORE DREDGED MATERIAL TRANSPORT GUIDANCE.



SBOBA NOTES

SEA BRIGHT OFFSHORE BORROW AREA (SBOBA)
(U.S. STATE PLANE, NAD 83,
ZONE 2900, NEW JERSEY, U.S. FEET)

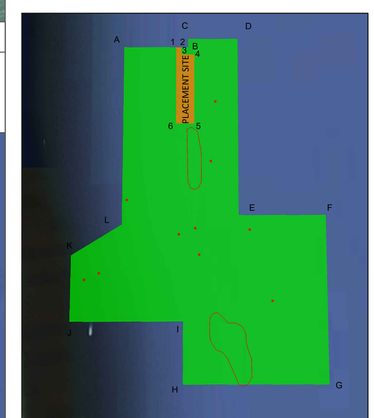
EASTING	NORTHING	POINT ID
644232.0000	585676.0000	A
647832.0000	585670.0000	B
647833.0000	586150.0000	C
650593.0000	586144.0000	D
650574.0000	576165.0000	E
655333.0000	576156.0000	F
655317.0000	567157.0000	G
647557.0000	567172.0000	H
647557.0000	570471.0138	I
641463.9762	570471.0138	J
641471.0000	574003.0000	K
644214.0000	575677.0000	L

SBOBA PLACEMENT SITE
(U.S. STATE PLANE, NAD 83,
ZONE 2900, NEW JERSEY, U.S. FEET)

EASTING	NORTHING	POINT ID
647157.0000	585671.1250	1
647437.0000	585670.6583	2
647437.0000	585250.0000	3
648156.0000	585250.0000	4
648156.0000	581308.0167	5
647157.0000	581308.0167	6

MAGNETIC ANOMALIES COORDINATES
(U.S. STATE PLANE, NAD 83,
ZONE 2900, NEW JERSEY, U.S. FEET)

EASTING	NORTHING
649352.0090	582517.0157
649064.0085	579153.0148
644389.1641	577042.5711
647265.0086	575147.0160
648167.0090	575453.0159
651164.0081	575355.0161
648370.0083	574032.0149
652332.0084	571517.0145
642874.0083	573082.0152
642071.0087	572735.0157
653751.0074	567483.0161



CULTURAL RESOURCES LEGEND

- MAGNETIC ANOMALIES AVOIDANCE AREA
- PALEOCHANNEL & POSITIVE RELIEF FEATURES

NOTE 1: DREDGE MATERIAL SHALL NOT BE PLACED WITHIN THE PALEOCHANNEL & POSITIVE RELIEF FEATURE

NOTE 2: DREDGE MATERIAL SHALL NOT BE PLACED WITHIN 250' OF MAGNETIC ANOMALIES

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PROJECT SITE PLANS AND NOTES

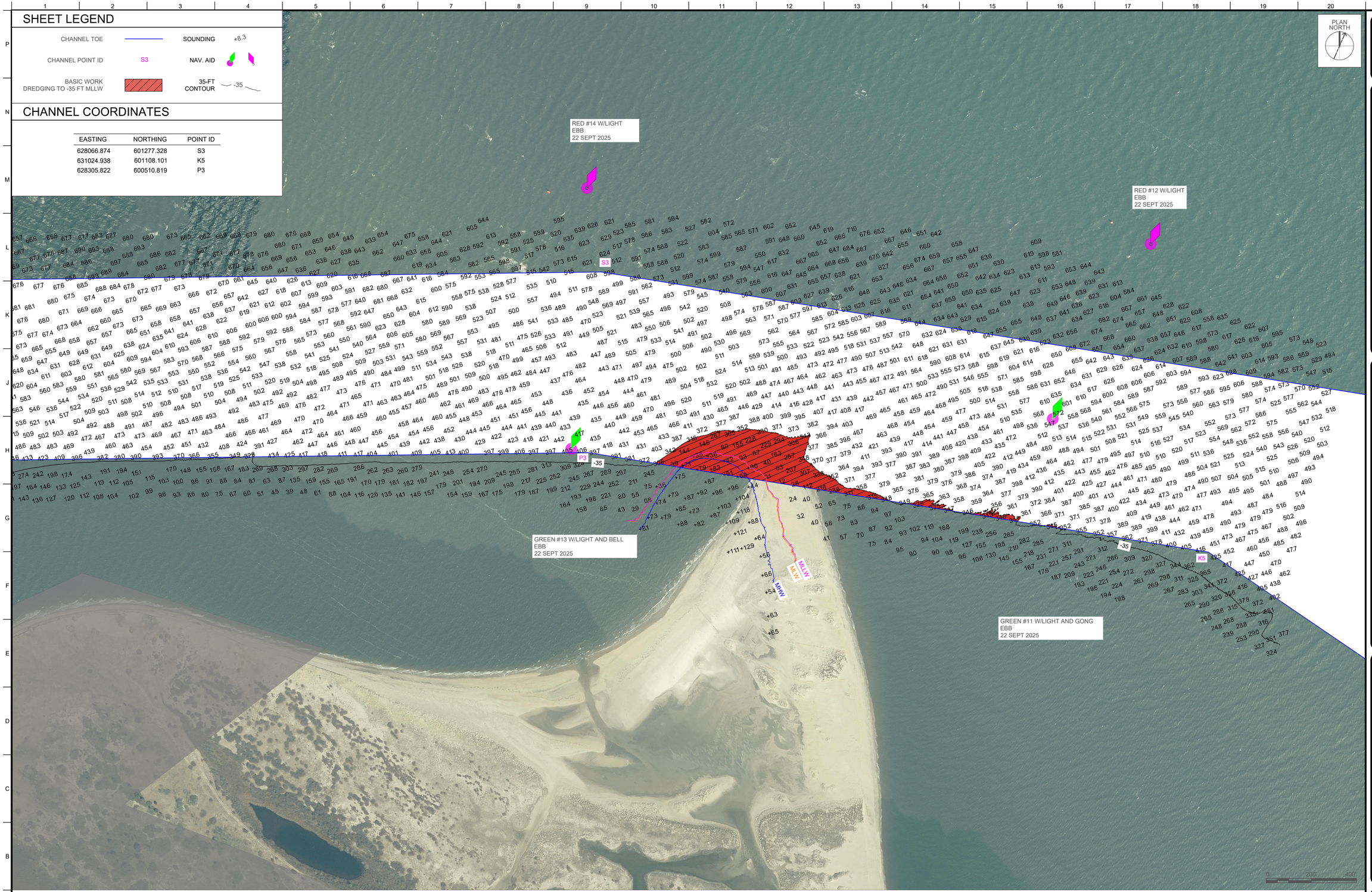
SHEET ID
G-101
2 OF 3

SHEET LEGEND

CHANNEL TOE		SOUNDING	+8.3
CHANNEL POINT ID	S3	NAV. AID	
BASIC WORK DREDGING TO -35 FT MLLW		35-FT CONTOUR	-35

CHANNEL COORDINATES

EASTING	NORTHING	POINT ID
628066.874	601277.328	S3
631024.938	601108.101	K5
628305.822	600510.819	P3



B1 DREDGING AREA & SOUNDING MAP

SCALE: 1" = 200'

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DREDGING AREA & SOUNDING MAP

SHEET ID
3 OF 3
C-001