



STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION
WATER QUALITY CERTIFICATION
24-WQC-0035 (R1)



ISSUANCE DATE: **October 9, 2024**
REVISED ISSUANCE DATE: **June 24, 2026**
EXPIRATION DATE: **February 14, 2027**
CERTIFICATION HOLDER: **U.S. Army Corps of Engineers
Baltimore District
2 Hopkins Plaza
Baltimore, MD 21201
Attn: Mr. Daniel Bierly**
PROJECT LOCATION: **(39.57958, -75.95805)
North East, MD 21916
(Cecil County)**

UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH §9-313 THROUGH §9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (DEPARTMENT) HAS DETERMINED THAT THE REGULATED ACTIVITY DESCRIBED IN THE MODIFIED REQUEST FOR CERTIFICATION FOR MAINTENANCE DREDGING AT THE NORTH EAST RIVER FEDERAL NAVIGATION CHANNEL WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS CERTIFICATION.

THIS CERTIFICATION IS HEREBY GRANTED WITH CONDITIONS. THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

PROJECT DESCRIPTION

Tracking Number: 202461165

Agency Interest Number: 183518

The U.S. Army Corps of Engineers, Baltimore District (USACE) has requested to modify Water Quality Certification (WQC) # 24-WQC-0035, issued on October 10, 2024, due to project delays and change of scope. USACE is planning to perform maintenance dredging of the North East River Federal Navigation Channel (North East River Channel) located in Cecil County, Maryland to its authorized depth of seven feet mean lower

low water (MLLW) plus up to two feet of allowable over depth, within the following acceptance sections:

- Acceptance Section 1: Stations 2+200 to 4+100
- Acceptance Section 2: Stations 7+700 to 10+000
- Acceptance Section 3: Stations 16+000 to 17+500 and Stations 17+600 to 19+000

Approximately 100,000 cubic yards of material will be dredged via a hydraulic cutterhead pipeline dredge plant and material will be transported via pipeline approximately 5 miles to the existing upland placement site, the Stony Run Dredged Material Placement (DMP) site. The Stony Run DMP site is a 30.5-acre property owned and operated by the Cecil County Government. The location of the proposed work is shown on the enclosed map (Enclosure 1). It is anticipated that the dredging will occur between October 16, 2026 and February 14, 2027, to ensure dredging activities avoid impacts to migratory fish during the spring spawning period.

This Water Quality Certification (Certification) is issued under authority of Section 401 of the Federal Water Pollution Control Act and its Amendments, Title 9, Subtitle 3 of the Environment Article, and Code of Maryland Regulations (COMAR) 26.08.02.10. The Department has determined from a review of the request application file that the project activities described in the above will not violate Maryland's water quality standards, provided that the following conditions are satisfied. The Department satisfied statutory and regulatory public notice requirements by placing this WQC on Public Notice from May 15, 2026 to June 1, 2026 on the Department's Public Notice webpage.

The Certification Holder shall comply with the following conditions:

SPECIAL CONDITIONS

1. Dredging shall not occur from February 15 to June 15 of any year to protect spawning anadromous and resident fish populations.
2. A turbidity sample of the discharge water shall be performed every hour of active pumping to the DMP or when there is an observed change in the clarity of the water. Turbidity in the discharge may not exceed 150 units at any time or 50 units as a monthly average. Units shall be measured in Nephelometer Turbidity Units (NTUs). A logbook of all turbidity monitoring shall be kept on site. The dredger shall have a person at the discharge point of the DMP in constant radio communication. If a problem is incurred, the dredging operation shall be immediately shut down until the reason for the problem can be ascertained and rectified.
3. Dredging may only occur within the three sections as shown on the attached plans. The sections to be dredged are as follows: Acceptance Section 1: Stations 2+200 to 4+100; Acceptance Section 2: Stations 7+700 to 10+000; Acceptance Section 3: Stations 16+000 to 17+500 and Stations 17+600 to 19+000.
4. The Certification Holder shall conduct a post dredge bathymetric survey and forward to the Water and Science Administration, Regulatory and Customer Service Division within 45 days after the termination of dredging operations and submit documentation to the Corps that the Certification Holder has satisfied the Departments requirements.
5. If work is not conducted by the Certification Holder, all work performed under this Water Quality Certification shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. Licensing by MCLB shall occur prior to the beginning of dredging activities. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537-3249, by e-mail at MDE.MCLB@maryland.gov or by accessing the Maryland Department of the Environment,

Environmental Boards webpage.

6. Dredged material shall only be placed at the upland Stony Run DMP site approved by this Certification. The Certification Holder shall submit an application for modification of the Certification to MDE for approval of any dredge disposal site not authorized within the Certification.
7. Dredged material pipelines shall be installed, marked and maintained in accordance with all requirements for navigational safety. Dredge material pipelines and associated equipment shall be removed as soon as practicable, upon completion of activities authorized under this Certification.
8. In the event of any inadvertent returns resulting from failure of any dredge material pipeline and associated equipment, the Certification Holder shall cease operations immediately and shall:
 - a. Take steps to stop all dredged material from entering State waters; and
 - b. Notify the Compliance Program immediately at 410-537-3510.

GENERAL CONDITIONS

1. The Certification Holder shall comply with all water quality-related performance standards and conditions required by the Department or the Board of Public Works (BPW) in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers, to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation.
2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
3. The Certification Holder shall obtain and comply with all additional authorizations or approvals, including self-certifying General Permits issued by the Department.
4. The Project shall be constructed and activities conducted in accordance with the final plan approved by the Department or BPW (or if Department or BPW approval is not required, then in accordance with the plan approved by the Corps), and its approved revisions (Approved Plan).
5. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
6. The Certification Holder shall allow authorized representatives of the Department access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
7. Structures and activities may not interfere with movement of aquatic life, fish, and other wildlife nor cause their entanglement.
8. The Certification Holder may not conduct activities which result in the introduction of non-native species with adverse effects on the aquatic ecosystem into waters or wetlands.
9. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands. All fill and construction materials not used in the project shall be removed and disposed of in a manner approved by the Department which will prevent their entry into waters of this State.
10. Temporary construction trailers or structures, staging areas and stockpiles may not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, nontidal wetland expanded buffers, or the 100-year floodplain unless specifically included on the Approved Plan.

11. The Certification Holder shall adhere to the construction time of year restrictions, unless waived or amended by the Department or BPW, as identified in a state authorization.
12. The Certification Holder shall obtain and comply with an erosion and sediment control plan approved by the appropriate authority (if applicable), including following the stabilization requirements set forth in COMAR 26.17.01.07 and “2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control,” as may be amended for activities which result in an earth disturbance subject to the requirements in Annotated Code of Maryland, Environment Article, Title 4 and COMAR 26.17.01.
13. The disturbance of the bottom of the waterway and sediment transport into adjacent State waters shall be minimized.
14. The Certification Holder shall notify the Compliance Program at mde.wsacompliance@maryland.gov a minimum of 2 weeks prior to commencement of regulated activities and discharges.
15. The Certification Holder shall notify the Water and Science Administration, Wetlands and Waterways Protection Program, in writing, upon transferring property ownership or responsibility for compliance with these conditions to another person. The new owner/operator shall request, in writing, transfer of this Certification to his/her name.
16. The Certification Holder shall ensure that a copy of this Certification, including the Approved Plans, is available at the site until the authorized work is complete.
17. This Certification is valid only for the project identified herein and the associated federally-approved U.S. Army Corps of Engineers Civil Works Navigation Branch project.

STATEMENTS OF NECESSITY AND CITATIONS

1. Statement of Necessity for Special Condition 1: This condition is necessary to ensure that additional dredging and discharges will not occur during the closure period specified in Special Condition #1 and interfere with designated uses.

The proposed project area is within a designated Striped Bass Spawning Area. In addition to striped bass, surveys by biologists from the Department of Natural Resources Fishing and Boating Services have documented the North East River and its tributaries, including Stony Run, as spawning areas for herring, white perch, and yellow perch. The North East River and in particular the mouth of Stony Run is also a significant spawning location for the recreationally important largemouth bass.

Citations: COMAR 08.02.05.02 COMAR 26.08.02.03-3A(5); COMAR 26.08.02.03-3C(5)COMAR 26.08.02.03-3C(9)(a); 26.08.02.02B(1)(d); 26.08.02.02B(3); 26.08.02.03B(1)(b); 26.08.02.03B(2)(e); 26.08.02.02B(3); COMAR 26.08.02.03-3C

2. Statement of Necessity for Special Condition 2: The condition is necessary to ensure that no dredged material will result in a violation of water quality standards for turbidity and interfere with designated uses.

Citations: COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(3); COMAR 26.08.02.03B

3. Statement of Necessity for Special Condition 3 and General Conditions 4, 9, 10: These conditions are necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements that also affect water quality.

Citation: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. Statement of Necessity for Special Condition 4: The condition is necessary to ensure that water depths and limits on the scope of dredging are appropriate post-dredging to support designated uses of fishing and water contact recreation and growth and propagation of fish, other aquatic life, and wildlife; and ensure that no discharges are unsightly, create a nuisance, change to an objectionable color or interfere with designated uses or would violate water quality standards for water clarity and turbidity.

Citations: COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1) COMAR 26.08.02.02B(3); COMAR 26.08.02.03B.

5. Statement of Necessity for Special Condition 5: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citations: COMAR 26.08.02.02B(2); 26.08.02.02 B(3) and 26.08.02.02 B(4); COMAR 26.08.02.03B(2)(d) – (e); 26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

6. Statement of Necessity for Special Condition 6: This condition is necessary to ensure that dredged material is removed in a manner which prevents its re-entry into Waters of the United States, where its release may result in failure to meet turbidity standards and failure to meet designated uses for Turbidity; Discharge of dredged material may interfere with designated uses or support of estuarine and marine aquatic life and shellfish harvesting and may result impacts to water quality, clarity, growth and propagation of fish, other aquatic life, and wildlife.

Citations: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.24; COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1) COMAR 26.08.02.02B(3); COMAR 26.08.02.03B

7. Statement of Necessity for Special Condition 7: The condition is necessary to ensure that the placement does not interfere with navigational safety and designated uses for water contact recreation and fishing, nor create a nuisance.

Citation: COMAR 26.08.02.01B(1) and B(2); COMAR 26.08.02.03B(1)(a); COMAR 26.08.02.03B(2)(d)

8. Statement of Necessity for Special Condition 8: Unauthorized discharges may enter regulated waters as result of activity or structural failure. The condition is necessary to ensure that water quality standards are met under unique circumstances for inadvertent discharges and that designated uses of waters are

maintained. Releases of significant amounts of sediment can impact aquatic environments and if unchecked can alter them to an uninhabitable state.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 & 4; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.17.04; COMAR 26.23; COMAR 26.24; COMAR 26.23.02.06, COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.08.02.09C(3); COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.08.02.03-3; COMAR 26.08.02.02B(2); COMAR 26.08.02.02B(4); COMAR 26.08.02.02B(6); COMAR 26.08.02.02B(8)

9. Statement of Necessity for General Conditions 1, 2, 3, 4, and 10: These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

10. Statement of Necessity for General Condition 5: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

11. Statement of Necessity for General Condition 6: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

12. Statement of Necessity for General Condition 7: Movement of aquatic life and passage of flows is essential for growth and propagation of aquatic life, fish, and other wildlife to meet these designated uses.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10E; COMAR 26.08.02.02B(1); 26.08.02.03B(1)(b); 26.08.02.03B(2)(e); COMAR 26.17.01; COMAR 26.23.02.06; COMAR 26.23; COMAR 26.17.04

13. Statement of Necessity for General Condition 8: Nuisance or non-native species may spread and disrupt and dislodge native species from their habitat, leading to declines in distribution, density, growth and propagation. This may result in failure to support native species; and growth, propagation of fish, other aquatic life, and wildlife. Limitations on loss will sustain habitat for a variety of aquatic species. In addition to direct loss, turbidity created by construction or ongoing operation must be limited for support of aquatic life and to meet water quality standards. The conditions ensure that discharges will not result in failure to support designated uses.

Citations: COMAR 26.08; COMAR 26.08.02.02.B(5); COMAR 26.08.03.03-3.D; COMAR 26.23.02.06; COMAR 26.23; COMAR 26.17.04

14. Statement of Necessity for General Conditions 9, 10, and 12: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citations: 26.08.02.03B(1)-B(2); COMAR 26.23; COMAR 26.24; COMAR 26.17.04

15. Statement of Necessity for General Condition 11: The growth and propagation of fish, other aquatic life, and wildlife and support of estuarine and marine aquatic life and shellfish harvesting are dependent upon certain times during the year and specific environmental conditions. The condition is necessary to ensure that activities are restricted during the critical growth, propagation, movement, and harvesting periods to ensure that designated uses will be met.

Citations: Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(3); COMAR 26.08.02B(4)

16. Statement of Necessity for General Condition 13: Restrictions on instream construction are necessary to protect designated uses for propagation and growth of fish, other aquatic life, and wildlife.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03-3.D; COMAR 26.23.02.06

17. Statement of Necessity for General Condition 14: The condition is necessary to ensure that Compliance personnel are aware of when discharges are taking place so that an inspection can be undertaken to ensure that water quality standards are met.

Citation: MD Env Code § 1-301 (2019)

18. Statement of Necessity for General Condition 15: In order to ensure that water quality standards will be met and conditions followed, a responsible party must be identified for accountability if needed. A change in ownership or other responsibility must be indicated as the new Certification Holder.

Citations: COMAR 26.08.02.10E(2)

19. Statement of Necessity for General Condition 16: This condition ensures that the Certification Holder and persons conducting work have the certification on the site for referral so that approved discharges will not result in violations of water quality standards.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.24

20. Statement of Necessity for General Condition 17: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

CERTIFICATION APPROVED

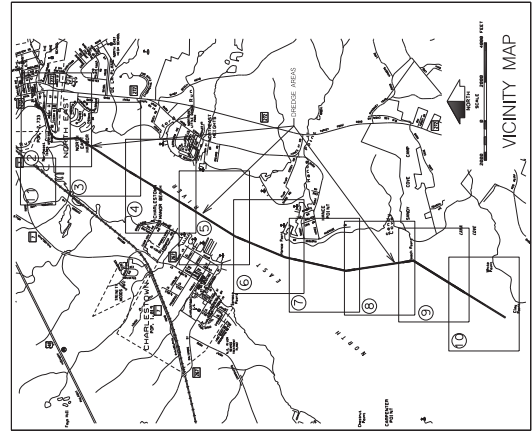


Heather L. Nelson, Program Manager
Wetlands and Waterways Protection Program
Water and Science Administration

Effective Date: June 24, 2026

cc: WSA Inspection & Compliance Program
Maryland DNR

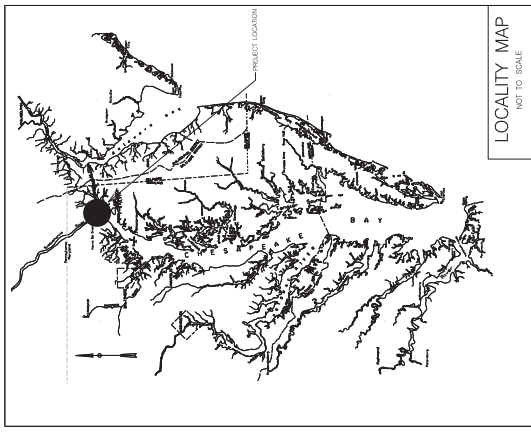
MAINTENANCE DREDGING NORTHEAST RIVER CECIL COUNTY, MARYLAND



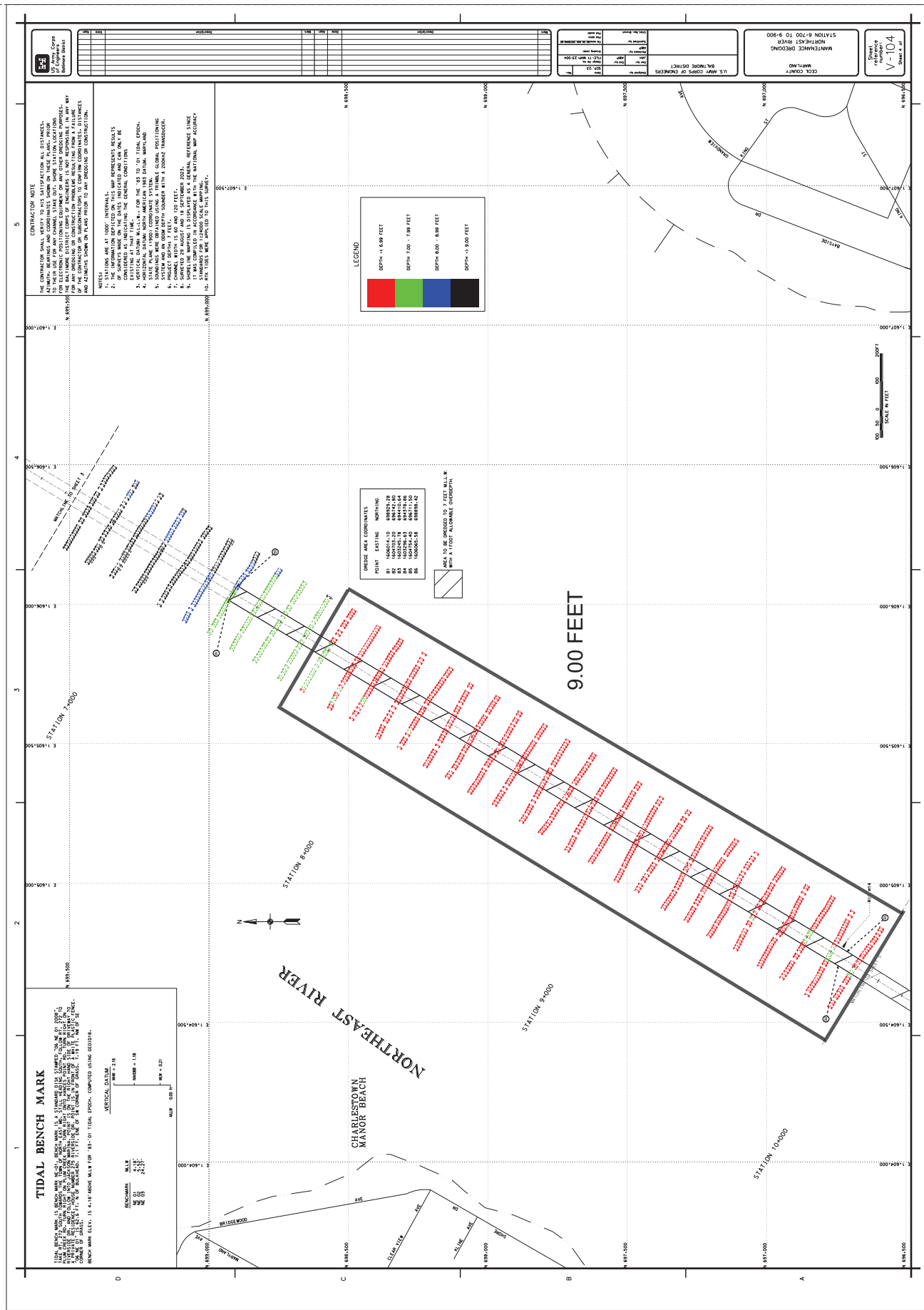
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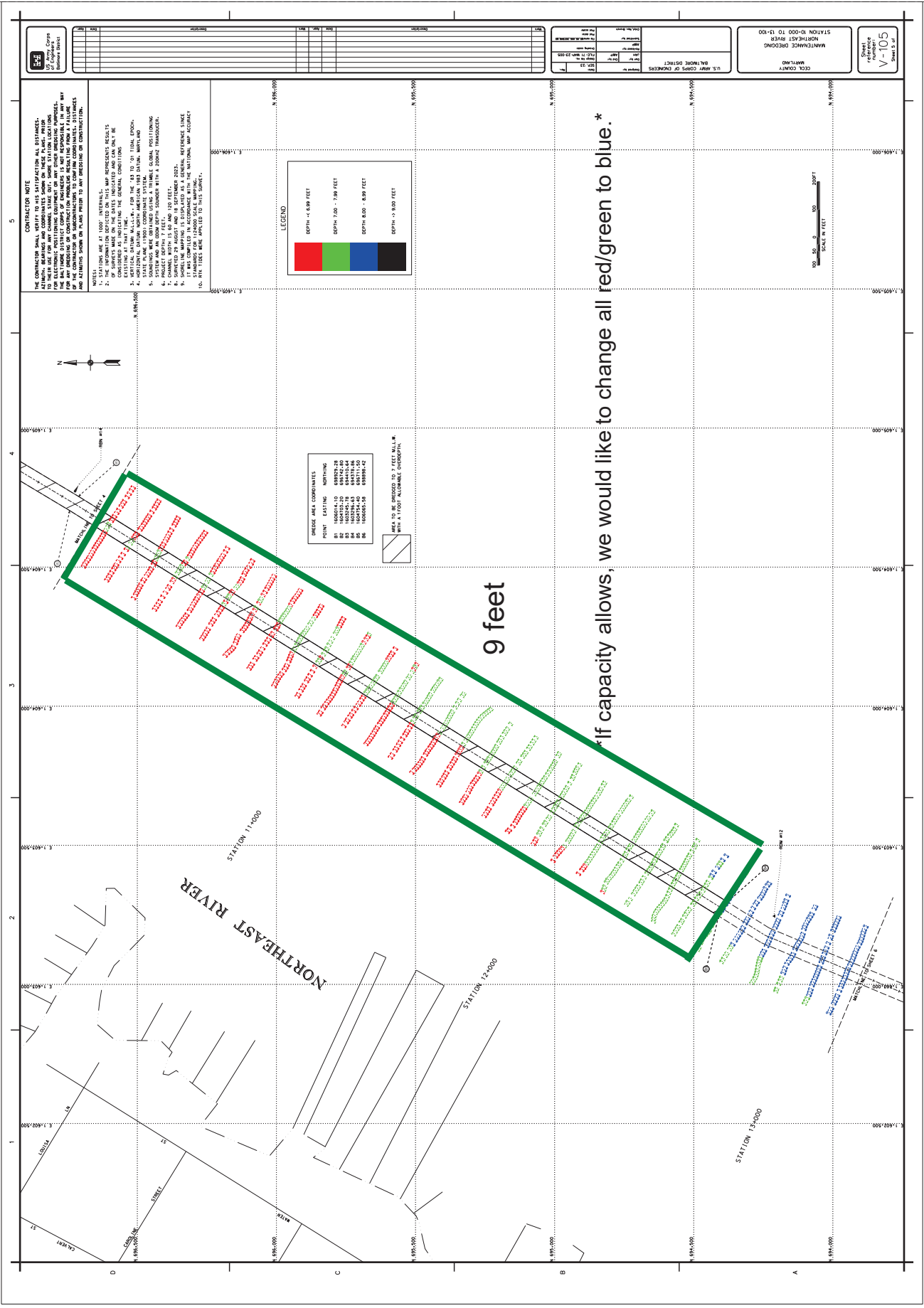
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COVER SHEET		FILE 771 MAP 23-001	1
NORTHEAST RIVER STA. 0+000 TO 3+500		FILE 771 MAP 23-002	2
NORTHEAST RIVER STA. 3+600 TO 6+600		FILE 771 MAP 23-003	3
NORTHEAST RIVER STA. 6+700 TO 9+900		FILE 771 MAP 23-004	4
NORTHEAST RIVER STA. 10+000 TO 13+100		FILE 771 MAP 23-005	5
NORTHEAST RIVER STA. 13+200 TO 16+100		FILE 771 MAP 23-006	6
NORTHEAST RIVER STA. 16+200 TO 19+000		FILE 771 MAP 23-007	7
NORTHEAST RIVER STA. 19+100 TO 21+900		FILE 771 MAP 23-008	8
NORTHEAST RIVER STA. 22+000 TO 25+000		FILE 771 MAP 23-009	9
NORTHEAST RIVER STA. 25+100 TO 27+754		FILE 771 MAP 23-010	10
PI ATTEMPT SITE		FILE 771 MAP 23-011	11

Sta 00+200 to 02+000	7ft	7011.9
Sta 00+200 to 02+000	8ft	10982.06
Sta 2+100 to 4+100	8ft	22318.24
Sta 2+100 to 4+100	9ft	29075.07
Sta 7+700 to 10+000	8ft	6519.89
Sta 7+700 to 10+000	9ft	12753.5
Sta 10+100 to 12+600	8ft	4818.1
Sta 10+100 to 12+600	9ft	11115.1
Sta 16+000 to 17+500	8ft	5779.77
Sta 16+000 to 17+500	9ft	7442.39
Sta 17+600 to 19+000	8ft	7442.39
Sta 17+600 to 19+000	9ft	11611.47
FINAL		79009.43



LOCALITY MAP
NOT TO SCALE



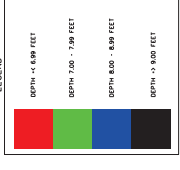


CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DIMENSIONS, LOCATIONS, AND DEPTHS SHOWN ON THIS MAP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGES TO THE MAP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGES TO THE MAP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGES TO THE MAP.

- 1. THE INFORMATION DEVELOPED ON THIS MAP REPRESENTS RESULTS OF A SURVEY CONDUCTED BY THE U.S. ARMY CORPS OF ENGINEERS, WASHINGTON FIELD OFFICE, WASHINGTON, D.C.
- 2. THE INFORMATION DEVELOPED ON THIS MAP REPRESENTS RESULTS OF A SURVEY CONDUCTED BY THE U.S. ARMY CORPS OF ENGINEERS, WASHINGTON FIELD OFFICE, WASHINGTON, D.C.
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- 7. THE INFORMATION DEVELOPED ON THIS MAP REPRESENTS RESULTS OF A SURVEY CONDUCTED BY THE U.S. ARMY CORPS OF ENGINEERS, WASHINGTON FIELD OFFICE, WASHINGTON, D.C.
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- 9. THE INFORMATION DEVELOPED ON THIS MAP REPRESENTS RESULTS OF A SURVEY CONDUCTED BY THE U.S. ARMY CORPS OF ENGINEERS, WASHINGTON FIELD OFFICE, WASHINGTON, D.C.
- 10. THE INFORMATION DEVELOPED ON THIS MAP REPRESENTS RESULTS OF A SURVEY CONDUCTED BY THE U.S. ARMY CORPS OF ENGINEERS, WASHINGTON FIELD OFFICE, WASHINGTON, D.C.

LEGEND

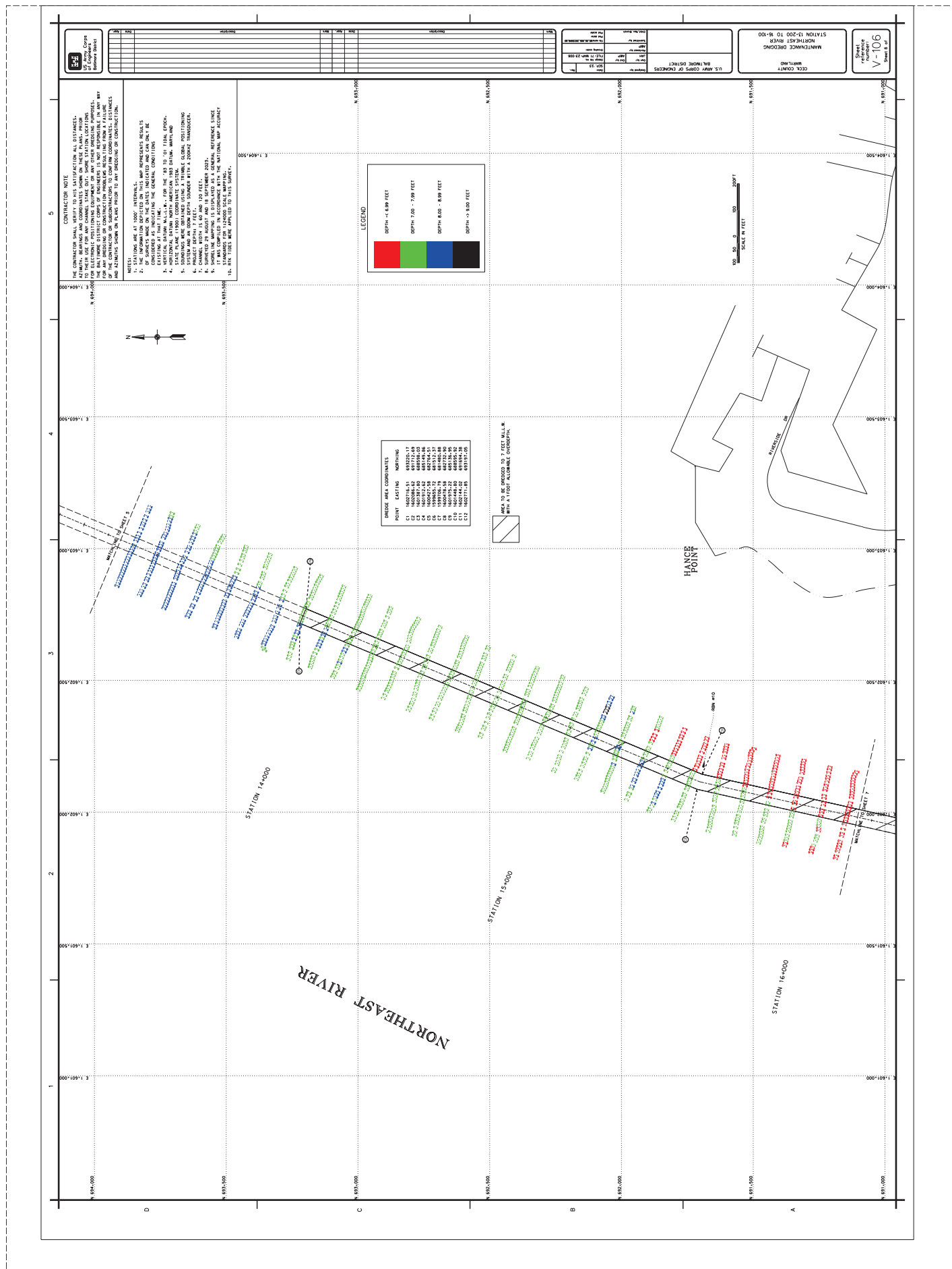


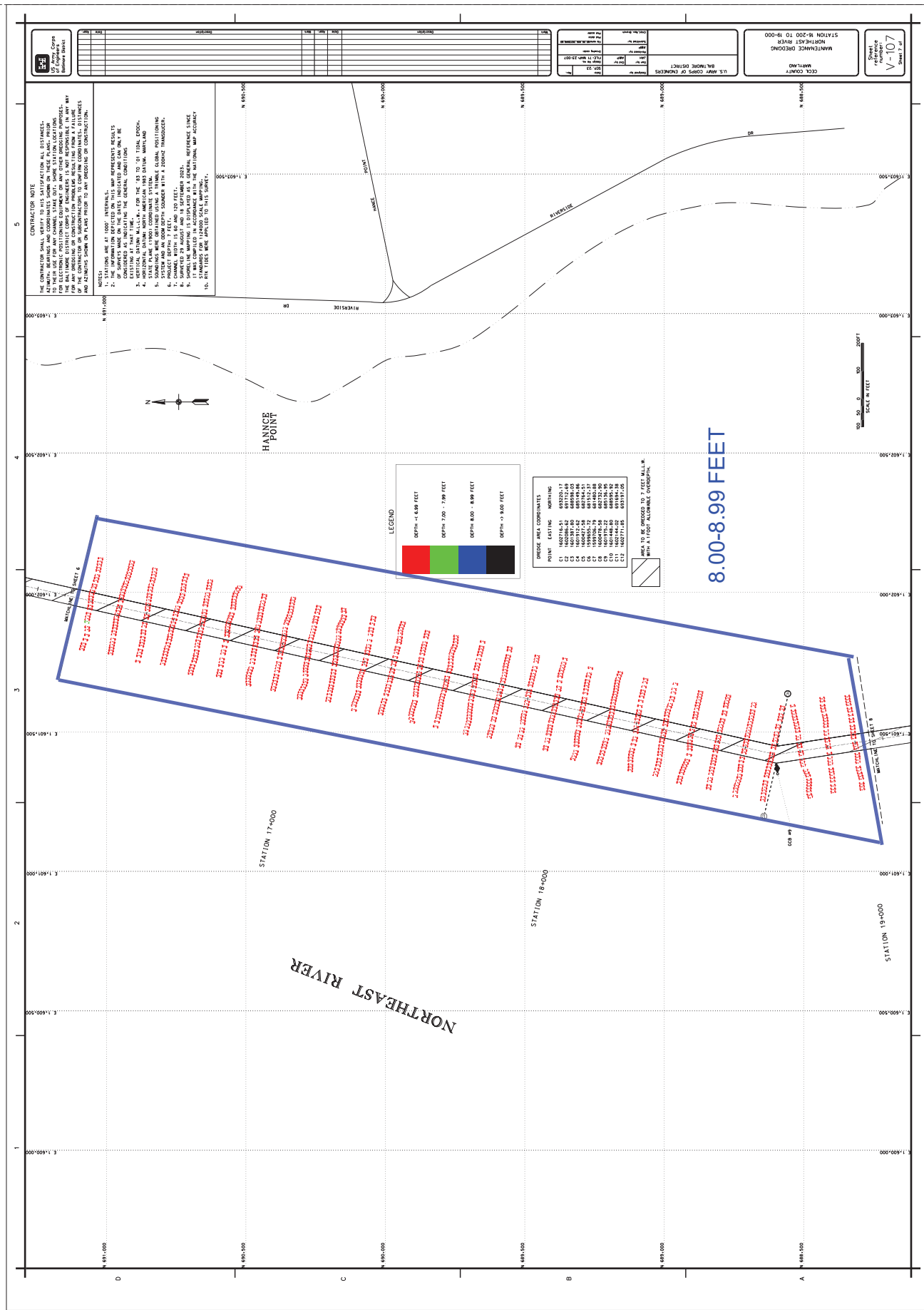
POINT	EASTING	NORTHING
01	1600014.10	6997929.28
02	1600014.10	6997929.28
03	1600014.10	6997929.28
04	1600014.10	6997929.28
05	1600014.10	6997929.28
06	1600014.10	6997929.28

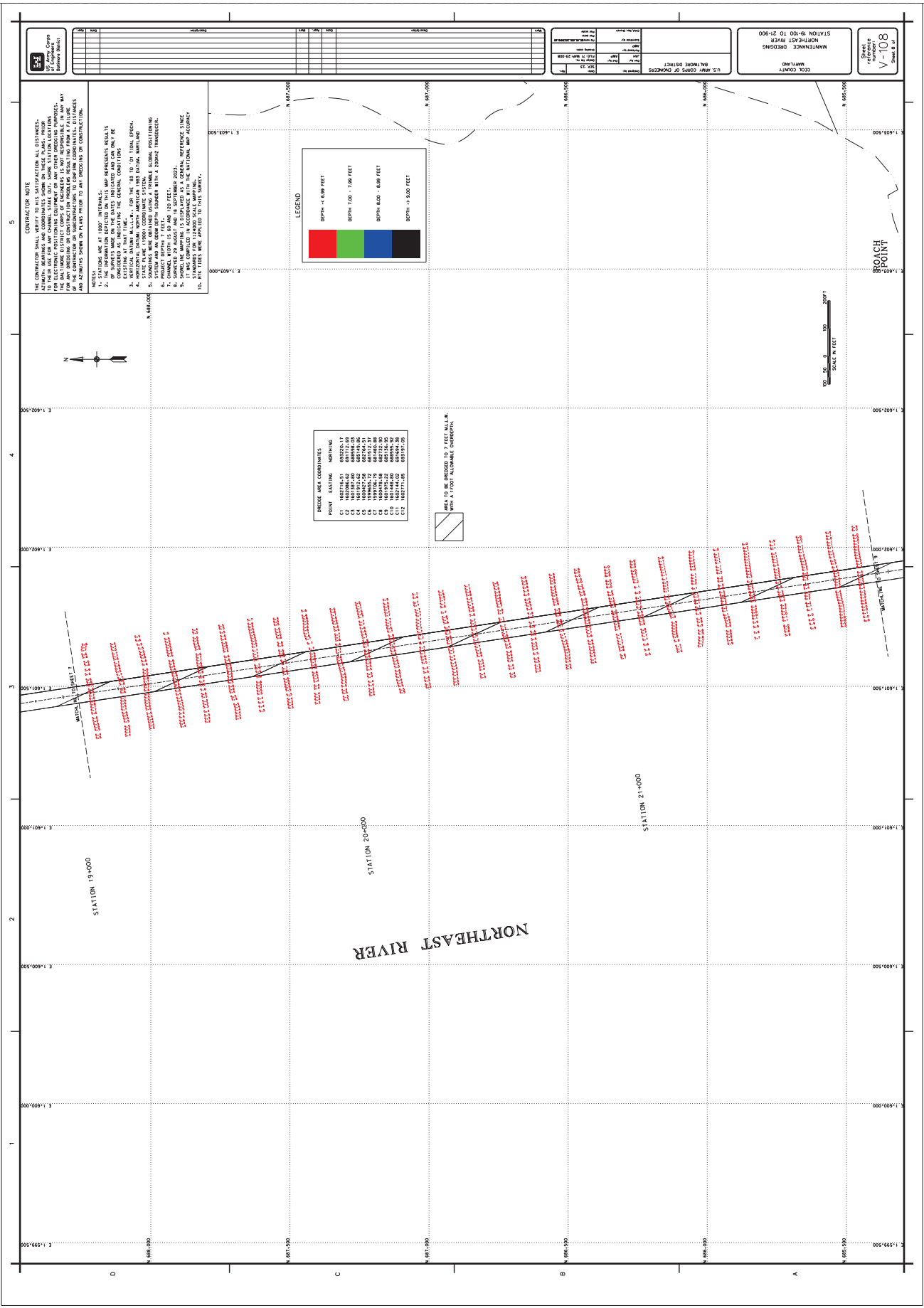
AREA TO BE REDUCED TO 7 FEET WALL WITH A 1 FOOT ALLOWANCE OVERDEPTH.

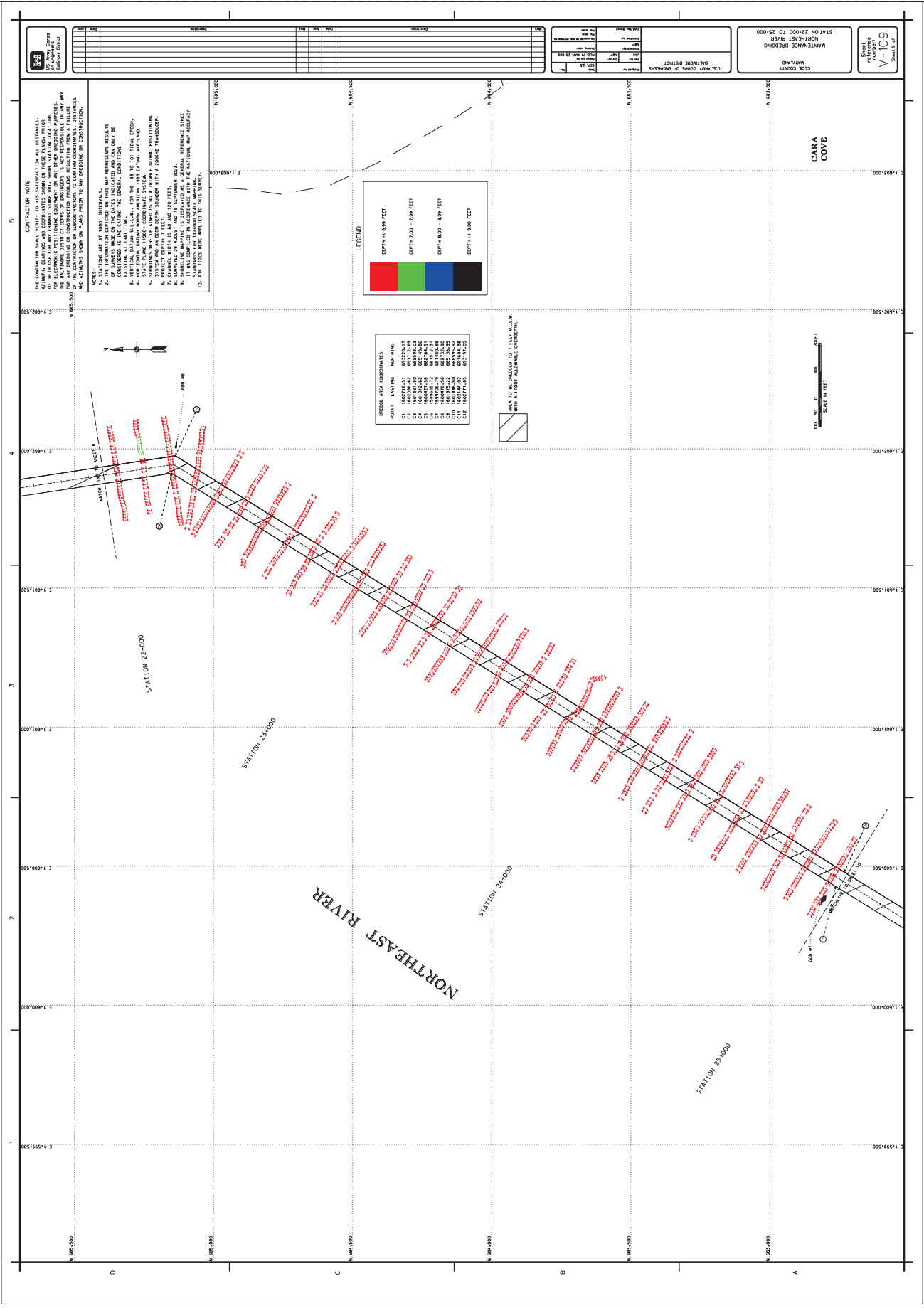
9 feet

If capacity allows, we would like to change all red/green to blue.*









CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, ANGLES, AND ELEVATIONS SHOWN ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THIS PLAN.

- NOTES**
1. THE INFORMATION PROVIDED ON THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.
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BRIDGE AREA COORDINATES	
POINT	NORTHING
1	68220.17
2	68274.51
3	68338.85
4	68403.19
5	68467.53
6	68531.87
7	68596.21
8	68660.55
9	68724.89
10	68789.23
11	68853.57
12	68917.91

AREA TO BE PROPOSED TO 7 FEET WIDE
WITH A 1 FOOT ALLOWANCE OVERDEPTH

SCALE 1" = 100'

SHEET 1 OF 1

MAINTENANCE OF
NORTHEAST RIVER
STATION 22+000 TO 25+000

U.S. ARMY CORPS OF ENGINEERS
BIRMINGHAM DISTRICT
PROJECT NO. 22-000
DATE: 10/1/2010

684,500
685,500

5

4

3

2

1

684,500

684,500

684,500

684,500

684,500

684,500

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1,601,500

1,602,500

1,603,500

1,604,500

1,605,500

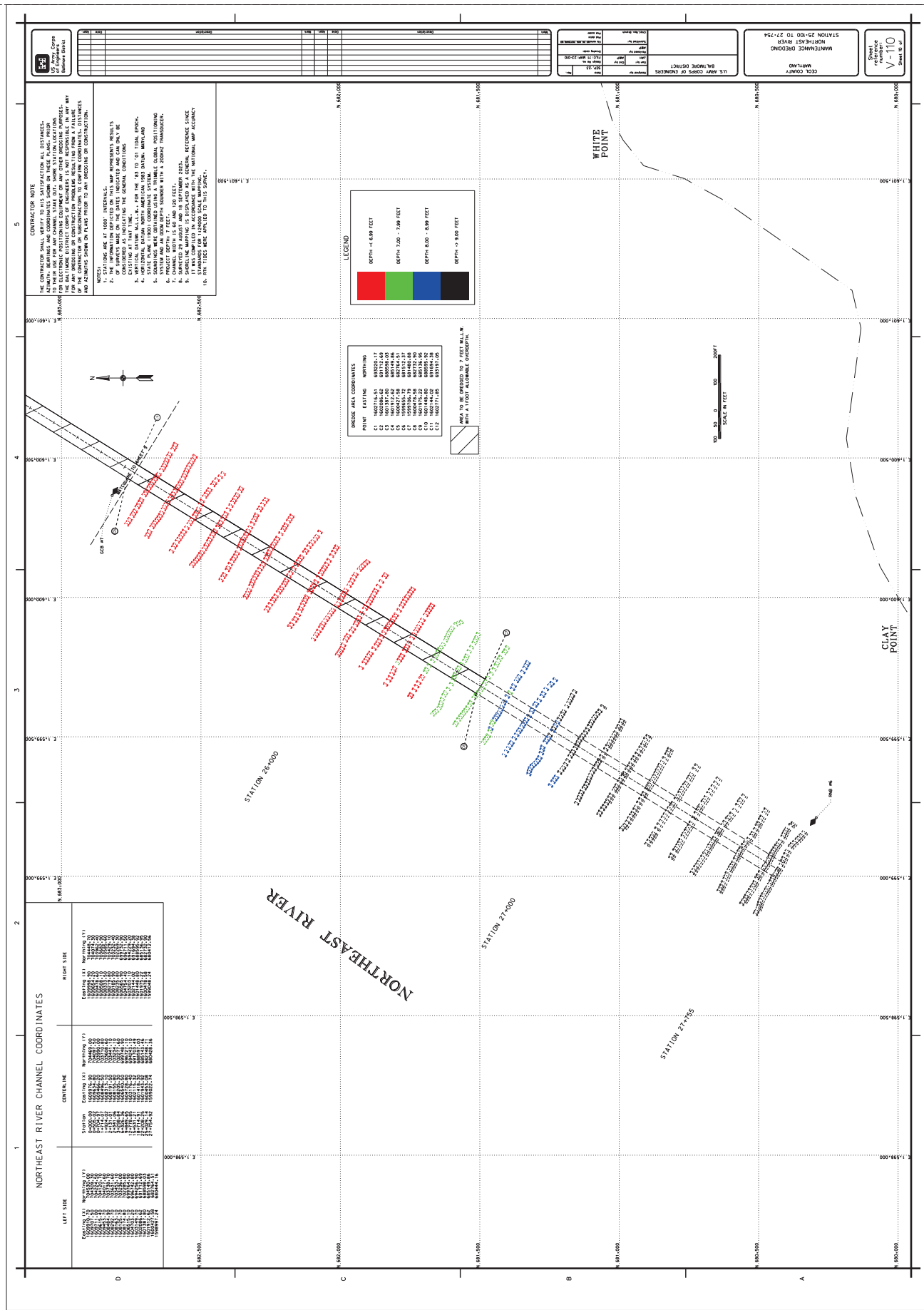
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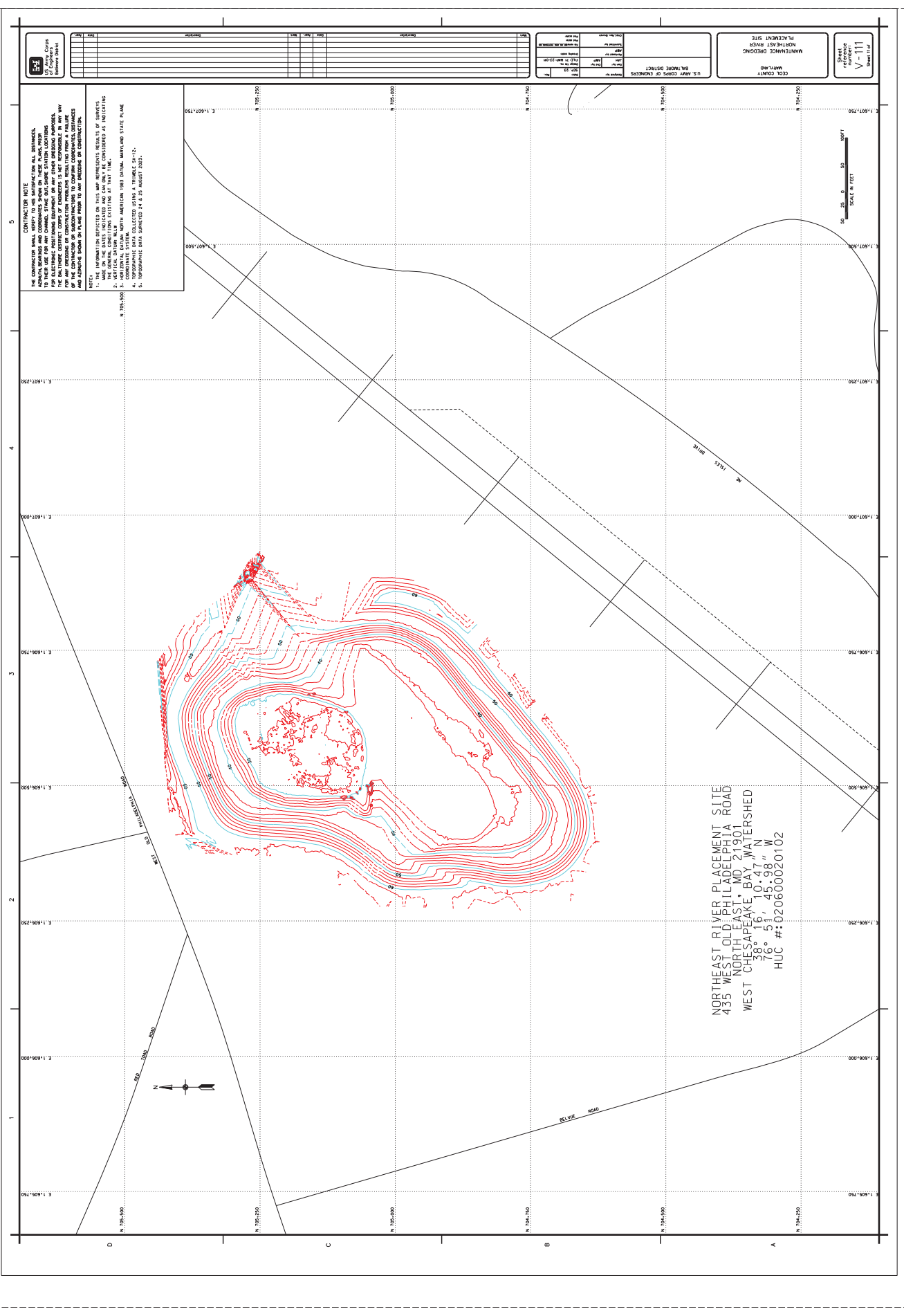
1,607,500

1,608,500

1,609,500

1,610,500





CONTRACTOR NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONDUCTING ALL SURVEYING AND CONSTRUCTION OF THESE PLANS PRIOR TO THEIR USE FOR ANY CHANGING STATION LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONDUCTING ALL SURVEYING AND CONSTRUCTION OF THESE PLANS PRIOR TO THEIR USE FOR ANY CHANGING STATION LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONDUCTING ALL SURVEYING AND CONSTRUCTION OF THESE PLANS PRIOR TO THEIR USE FOR ANY CHANGING STATION LOCATIONS.

NOTES:
1. INFORMATION PROVIDED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE PRESENTED INFORMATION.
2. VERTICAL DATUM WILL BE NAVD83 EXISTING AT THIS TIME.
3. HORIZONTAL DATUM WILL BE NAVD83 EXISTING AT THIS TIME.
4. COORDINATE SYSTEM.
5. SURVEYING DATA COLLECTED ON 10/10/2022.
6. SURVEYING DATA COLLECTED ON 10/10/2022.



U.S. ARMY CORPS OF ENGINEERS
DISTRICT OF COLUMBIA
WASHINGTON, D.C.

PROJECT NO. 111
SHEET NO. 111

DATE: 10/10/2022

BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 10/10/2022

BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 10/10/2022

BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 10/10/2022

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BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

DATE: 10/10/2022

BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

NORTHEAST RIVER PLACEMENT SITE
435 WEST OLD PHILADELPHIA ROAD
NORTH EAST, MD 21901
WEST CHESAPEAKE BAY WATERSHED
38° 16' 10.47" N
76° 51' 45.98" W
HUC #: 020600020102