



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
SAVANNAH DISTRICT  
100 WEST OGLETHORPE AVENUE  
SAVANNAH, GEORGIA 31401-3604

August 13, 2021

Regulatory Division  
SAS-1999-12790

**JOINT PUBLIC NOTICE**  
**Savannah District/State of Georgia**

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403) and Section 404 of the Clean Water Act (33 U.S.C. § 1344), as follows:

Application Number: SAS-1999-12790

Applicant: Gold Bond Building Products, LLC  
2001 Rexford Road  
Charlotte, North Carolina 28211

Agent: Ms. Jennifer L. Waters, PE  
Urban Engineers  
530 Walnut Street  
Philadelphia, Pennsylvania 19440

Project Purpose as Proposed by Applicant: The applicant's stated project purpose is "[...] [dredge] at Gold Bond Building Products (formerly National Gypsum) Savannah commercial berth facility [...] in order to continue operations [...]".

Location of Proposed Work: The project site is located at 2 Brampton Road, in Garden City, Chatham County, Georgia (Latitude 32.1155, Longitude -81.1292). The aquatic resources located on-site are within the Savannah River, a Traditional Navigable Waterway (TNW).

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers:  
The applicant is proposing to dredge a 700ft. x 120ft. area (1.93 acres) of open water adjacent to an existing commercial berth. Specifically, the applicant would initially dredge 12,000 cubic yards of material through hydraulic, mechanical (clamshell), and/or agitation methods. The proposed dredge depth is -36ft. Mean Lower Low Water (MLLW) with -2ft. overdredge. Initial material removed via hydraulic methods will be pumped into Georgia Ports Authority Hutchinson Tract B Confined Disposal Facility (CDF) and effluent may discharge into the Savannah River. Maintenance dredging will be conducted every three years by hydraulic, mechanical (clamshell), and/or agitation method and will not exceed 5,000 cubic yards.

## **BACKGROUND**

There have been multiple Corps permit actions for the project site. The most recent expired January 31, 2006, which authorized hydraulic dredging of the 700ft. x 120ft. project area removing 15,000 cubic yards of material. The authorized dredge depths were a maximum of -34ft. mean low water (MLW). The material was pumped to CDF 2-A. Annual maintenance dredging by I-beam and/or hydraulic agitation was authorized to not exceed 2,000 cubic yards of material. Other authorizations associated with the project area included maintenance to the dock structure and support pilings under file numbers SAS-2002-01190 and SAS-2008-00369. These permits have expired as well.

The applicant has completed sediment analysis per the Inland Testing Manual titled "Tier II Sediment Sampling and Analysis Report" dated June 1, 2021.

This Joint Public Notice announces a request for authorizations from both the Corps and the State of Georgia. The applicant's proposed work may also require local governmental approval.

## **STATE OF GEORGIA**

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division will review the proposed project for water quality certification, in accordance with the provisions of Section 401 of the Clean Water Act. Prior to issuance of a Department of the Army permit for a project location in, on, or adjacent to the waters of the State of Georgia, review for Water Quality Certification is required. A reasonable period of time, which shall not exceed one year, is established under the Clean Water Act for the State to act on a request for Water Quality Certification, after which, issuance of such a Department of the Army permit may proceed. The applicant did not request a pre-certification meeting with Georgia EPD prior to submitting their application for a permit under Section 404 of the Clean Water Act. The applicant must still request a meeting with EPD at least 30 days prior to any request they make for 401 Water Quality Certification.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

Marshland Protection: This notice also serves as notification of a request to alter coastal marshlands (under the provision of the Coastal Marshlands Protection Act, Georgia Laws, 1970, p. 939 and as amended), if required. Comments concerning this action should be submitted to the Marsh and Shore Management Section, Coastal Resources Division, Georgia Department of Natural Resources, 1 Conservation Way, Brunswick, Georgia 31523-8600 (Telephone 912-264-7218).

Georgia Coastal Management Program: Prior to the Savannah District Corps of Engineers making a final permit decision on this application, the project must be certified by the Georgia Department of Natural Resources, Coastal Resources Division, to be consistent with applicable provisions of the State of Georgia Coastal Management Program (15 CFR 930). Anyone wishing to comment on Coastal Management Program certification of this project should submit comments in writing within 30 days of the date of this notice to the Federal Consistency Coordinator, Coastal Management Program, Coastal Resources Division, Georgia Department of Natural Resources, One Conservation Way, Brunswick, Georgia 31523-8600 (Telephone 912-264-7218).

### **U.S. ARMY CORPS OF ENGINEERS**

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army permit.

Cultural Resources: Review of the latest published version of the National Register of Historic Places and the Georgia Natural, Archeological and Historic Resources GIS database, indicates that no registered properties or properties listed as eligible for inclusion are located on the project site. Presently unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work.

Essential Fish Habitat (EFH): This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction or alteration of EFH utilized by various life stages of species comprising the red drum, shrimp, bluefish or snapper grouper management complexes. Our initial determination is that the proposed action would not have an individual or cumulatively substantial adverse impact on EFH or federally managed fisheries in the Atlantic Ocean. Our final determination relative to project impacts to EFH and the need for mitigation measures are subject to review by and coordination with the NMFS and the South Atlantic Fisheries Management Council.

Endangered Species: A preliminary review the U.S. Fish and Wildlife Service (FWS) and the National Marine Fisheries Service's Protected Resource Divisions (NMFSPRD)'s list of Endangered and Threatened Species (IPaC) indicates the following listed species may occur in the project area: West Indian manatee (*Trichechus manatus*); Eastern black rail (*Laterallus jamaicensis* ssp.), wood stork (*Mycteria americana*), Eastern indigo snake (*Drymarchon corias couperi*), frosted flatwoods salamander (*Ambystoma cingulatum*), and pondberry (*Lindera melissifolia*).

In addition, the open water areas of the site could support green sea turtle (*Chelonia mydas*); hawksbill sea turtle (*Eretmochelys imbricata*); Kemp's Ridley sea turtle (*Lepidochelys kempii*); Leatherback Sea Turtle (*Dermochelys coriacea*); loggerhead sea turtle (*Caretta caretta*); shortnose sturgeon (*Acipenser brevirostrum*); and, Atlantic

sturgeon (*Acipenser oxyrinchus oxyrinchus*). The project site does contain designated critical habitat for the Atlantic Sturgeon.

Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. § 1531 et seq.), we request information from the U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area. In addition, we are requesting information from the USFWS whether the project is within 2,500 feet of an active wood stork nesting colony.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered including 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, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The Corps is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this 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 proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army permit. Requests for public hearings shall state, with

particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army permit should submit comments by email to [skye.h.stockel@usace.army.mil](mailto:skye.h.stockel@usace.army.mil). Alternatively, you may submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Skye H. Stockel, 100 West Oglethorpe Avenue Savannah, Georgia 31401-3604, no later than 30 days from the date of this notice. Please refer to the applicant's name and the application number in your comments.

If you have any further questions concerning this matter, please contact Skye H. Stockel, Project Manager, Coastal Branch at (912) 652-5690.

Enclosures:

1. Figure 1 – Vicinity Map
2. Plan and Profile Drawings
3. Joint Application

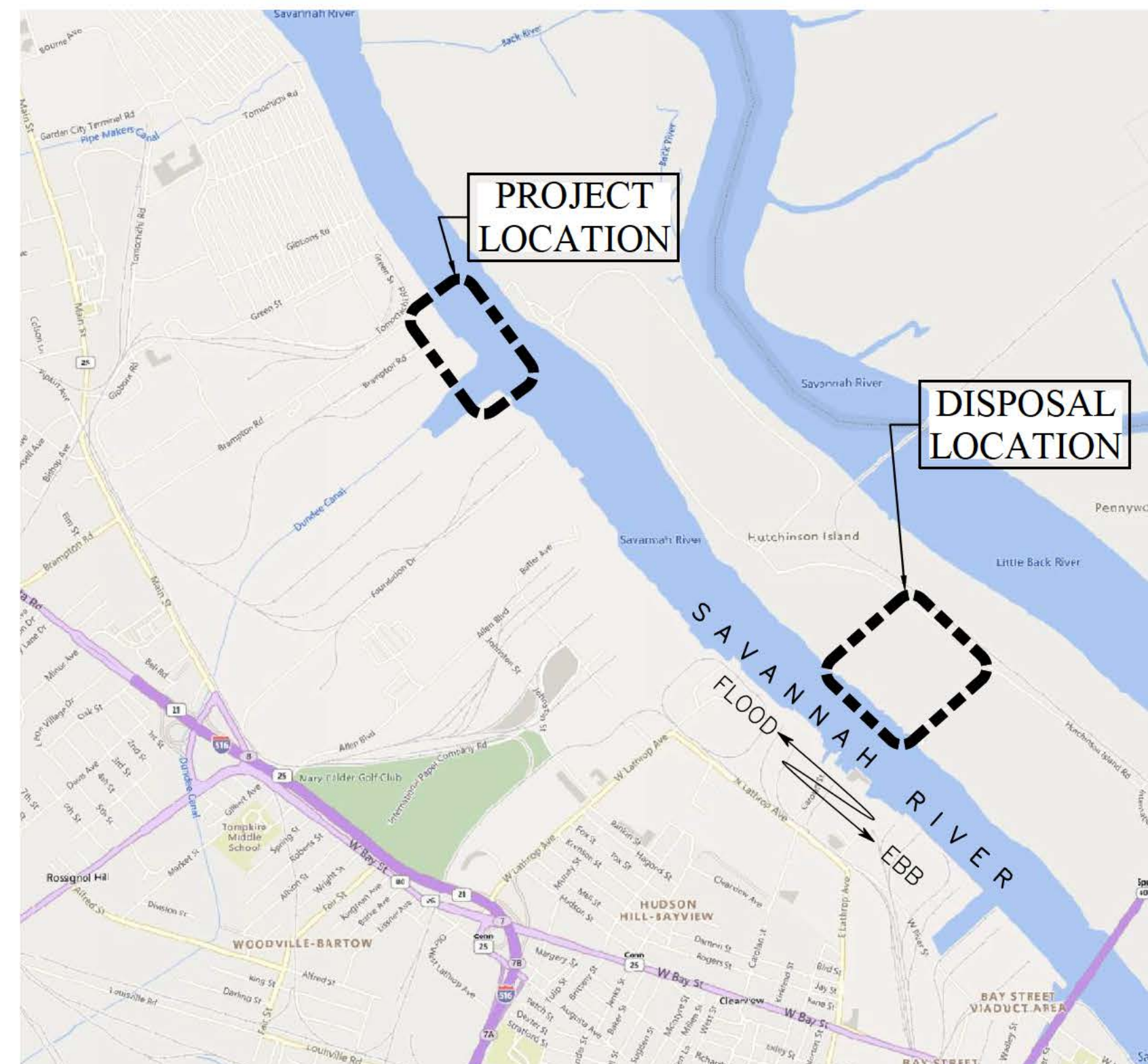
# SAVANNAH DREDGING

2 BRAMPTON RD., SAVANNAH, GA 31408

FOR

## GOLD BOND BUILDING PRODUCTS, LLC

2 BRAMPTON RD.,  
SAVANNAH, GA 31408



VICINITY MAP  
LAT 32°05'44.85" N  
LONG 81°07'45.3" W



DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
CS-1	COVER SHEET
GA-1	SITE PLAN
GA-2	DREDGING PLAN
GA-3	DREDGING CROSS-SECTIONS 1
GA-4	DREDGING CROSS-SECTIONS 2
GA-5	DISPOSAL SITE PLAN
GA-6	DISPOSAL SITE CROSS SECTIONS 1
GA-7	DISPOSAL SITE CROSS-SECTIONS 2
C-1	E&S CONTROL NOTES



LOCATION MAP

URBAN PROJECT NO. 2020610062.000

**ISSUED FOR PERMIT**  
DATE: 04/16/21



Urban Engineers, Inc.  
300 North State Street  
Savannah, GA 31401  
C. 215.922.8800

SEAL

BY:

DATE:

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0	04/16/21	ISSUED FOR PERMIT			

SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC  
SAVANNAH DREDGING

COVER SHEET

SCALE:	AS NOTED	DESIGN BY:	PB
DATE:	04/16/21	APPROVED BY:	MSW
PROJECT NO.:	2020610062.000	DRAWN BY:	PJC
SHEET NUMBER:	<b>CS-1</b>	CHECKED BY:	PB
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**NOTES:**

1. THE DREDGER SHALL PREPARE AND SUBMIT A TEMPORARY NAVIGATION PLAN TO THE OWNER AND THE US COAST GUARD PRIOR TO MOBILIZATION. THE DREDGE PLAN SHALL IDENTIFY HOW THE PIPELINE WILL BE INSTALLED AND MANAGED, AND HOW SAFE NAVIGATION WILL BE PROVIDED FOR SMALL CRAFT AND LARGE VESSELS.
2. PRIOR TO MOBILIZATION, THE DREDGER SHALL SUBMIT NOTIFICATION OF THE PROPOSED WORK AND NAVIGATION PLAN TO THE LOCAL MARINERS ADVISORY COMMITTEE AND US COAST GUARD.
3. THE FLOATING PIPELINE SHALL BE ANCHORED BY TEMPORARY LAND ANCHORS AT EACH END AND ANCHOR WEIGHTS THROUGHOUT ITS LENGTH. ANCHOR WEIGHTS SHALL BE OF SUFFICIENT WEIGHT TO KEEP THE PIPELINE IN PLACE, BUT SHALL ALLOW FOR A TUG TO MOVE THE PIPELINE WHEN NEEDED.
4. FLOATING MARKER BUOYS SHALL BE ATTACHED TO THE PIPELINE THROUGHOUT ITS RUN, AND AT EACH ANCHOR WEIGHT LOCATION.
5. MARKER BUOYS SHALL CONFORM TO USCG SIGNALLING REQUIREMENTS, AND WILL BE EQUIPPED WITH COLORED LIGHTS IN ACCORDANCE WITH 33 CFR 88.15. STANDARD COLORED NAVIGATION MARKERS WILL BE AFFIXED TO THE DREDGE AND PIPELINE ENDS TO SIGNAL TO MARINERS THAT SAFE PASSAGE IS AVAILABLE BETWEEN THE DREDGE AND THE DOCK.
6. IN ADVANCE OF VESSEL TRANSIT, AND WHENEVER DREDGING OPERATIONS ARE NOT ONGOING, THE DREDGER SHALL BREAK THE FLOATING PIPELINE AND REPOSITION IT OUT OF THE CHANNEL BY TUG.

**SITE PLAN**



**ISSUED FOR PERMIT**  
DATE: 04/16/21



SEAL  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

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GOLD BOND BUILDING PRODUCTS, LLC  
SAVANNAH DREDGING  
SAVANNAH, GA

SCALE: AS NOTED  
DATE: 04/16/21  
PROJECT NO: 2020610062.000  
SHEET NUMBER: GA-1

DESIGN BY: PB  
APPROVED BY: MGR  
DRAWN BY: PFC  
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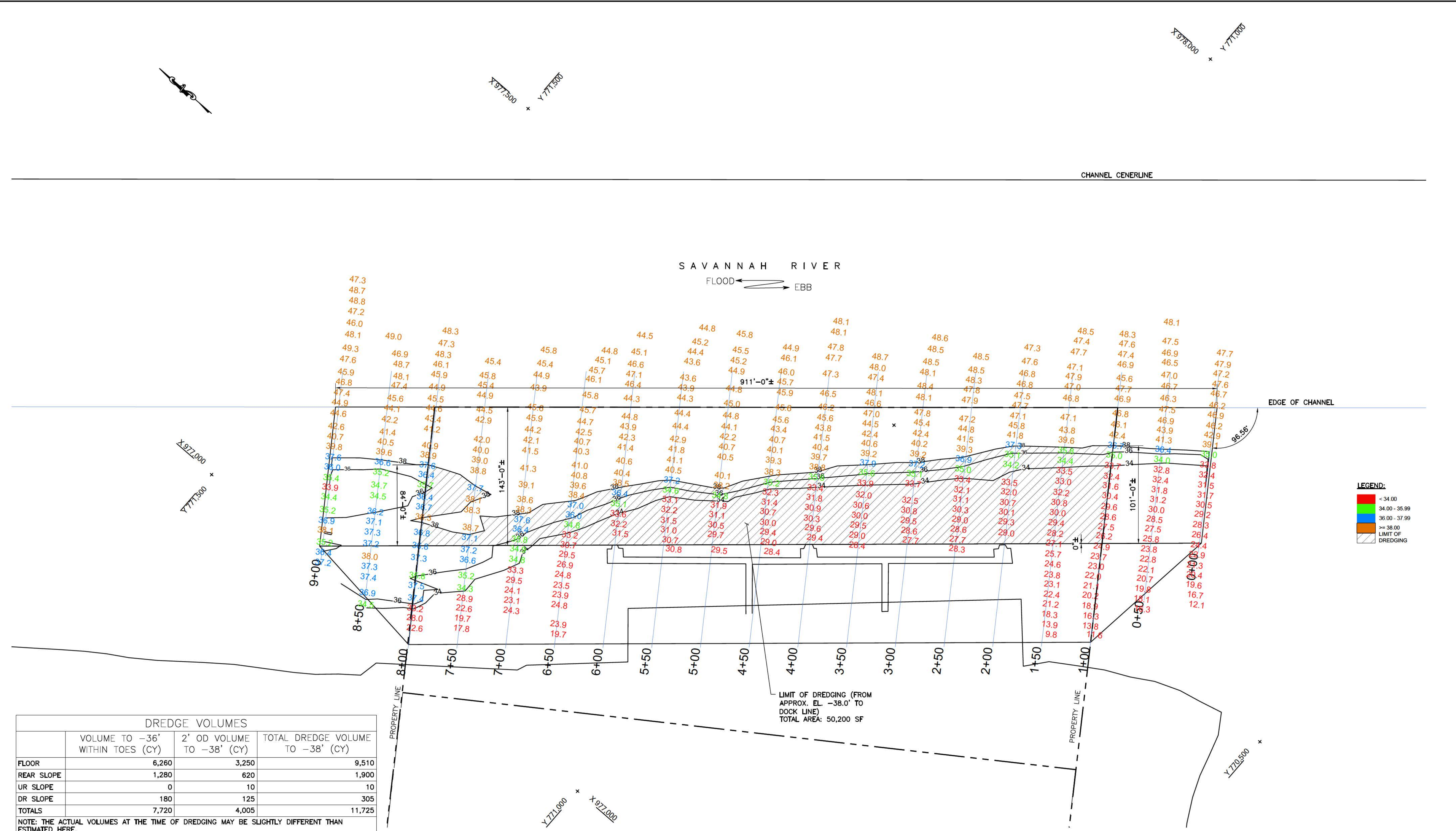
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DREDGE VOLUMES			
	VOLUME TO -36' WITHIN TOES (CY)	2' OD VOLUME TO -38' (CY)	TOTAL DREDGE VOLUME TO -38' (CY)
FLOOR	6,260	3,250	9,510
REAR SLOPE	1,280	620	1,900
UR SLOPE	0	10	10
DR SLOPE	180	125	305
TOTALS	7,720	4,005	11,725

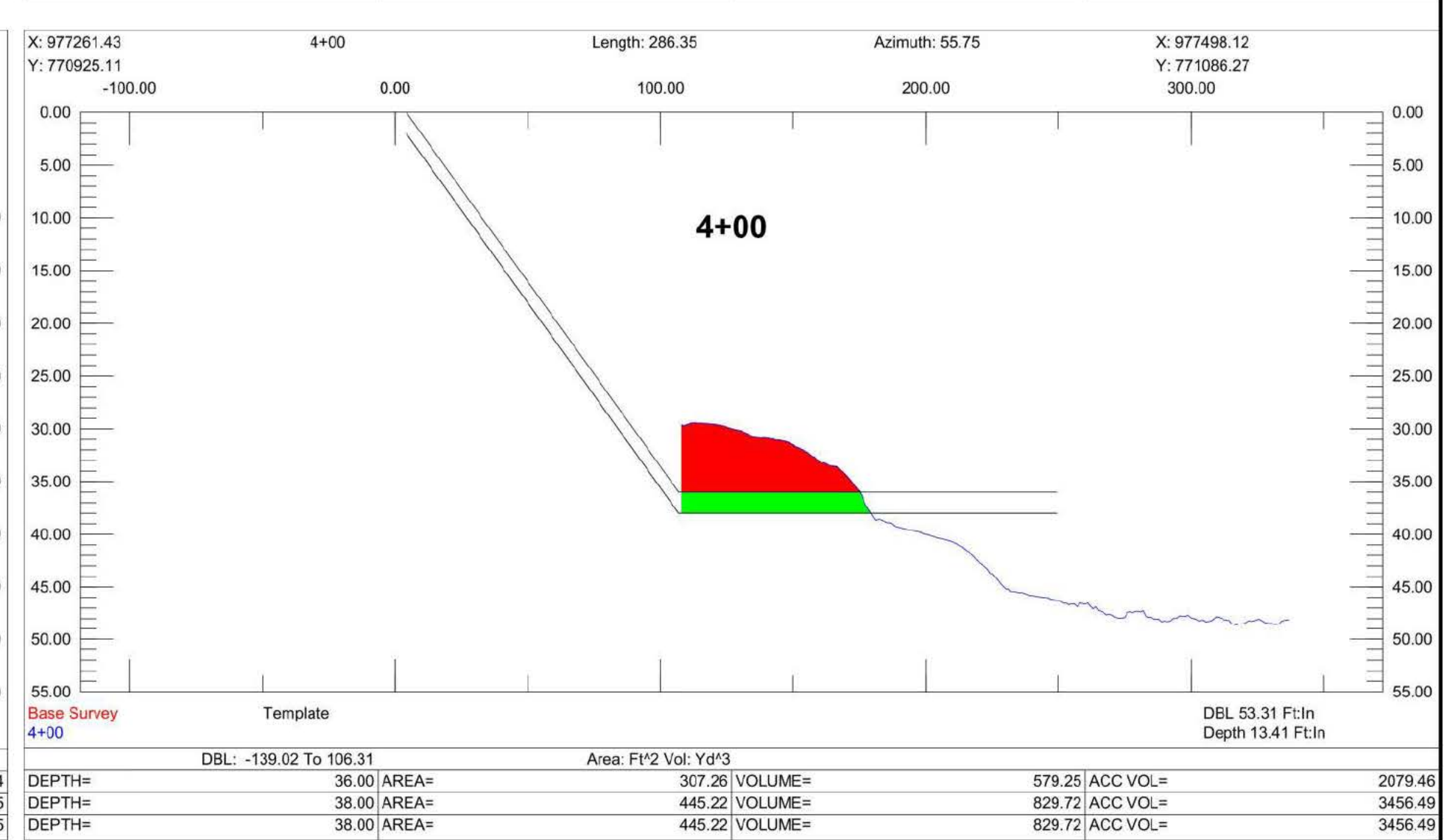
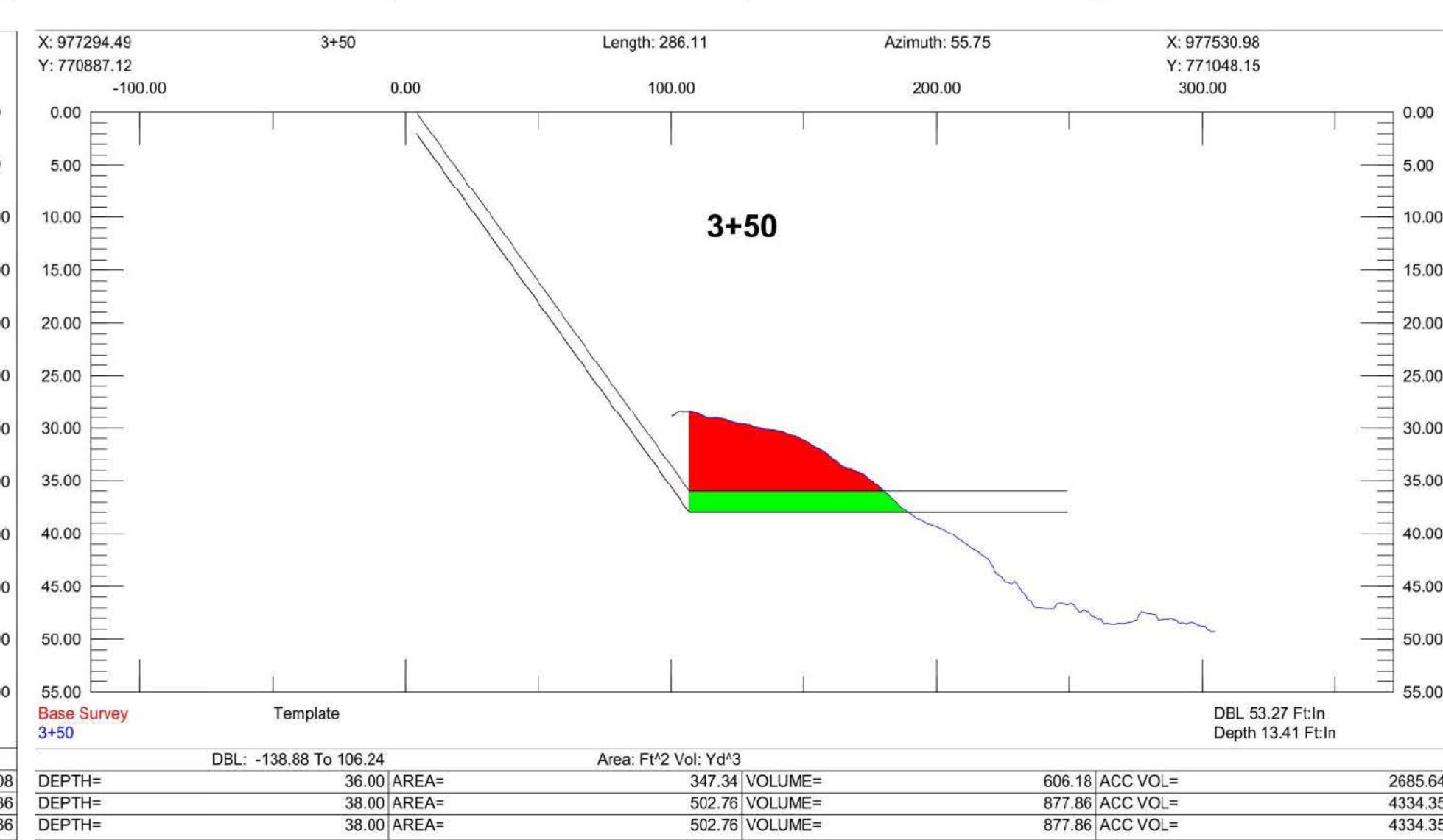
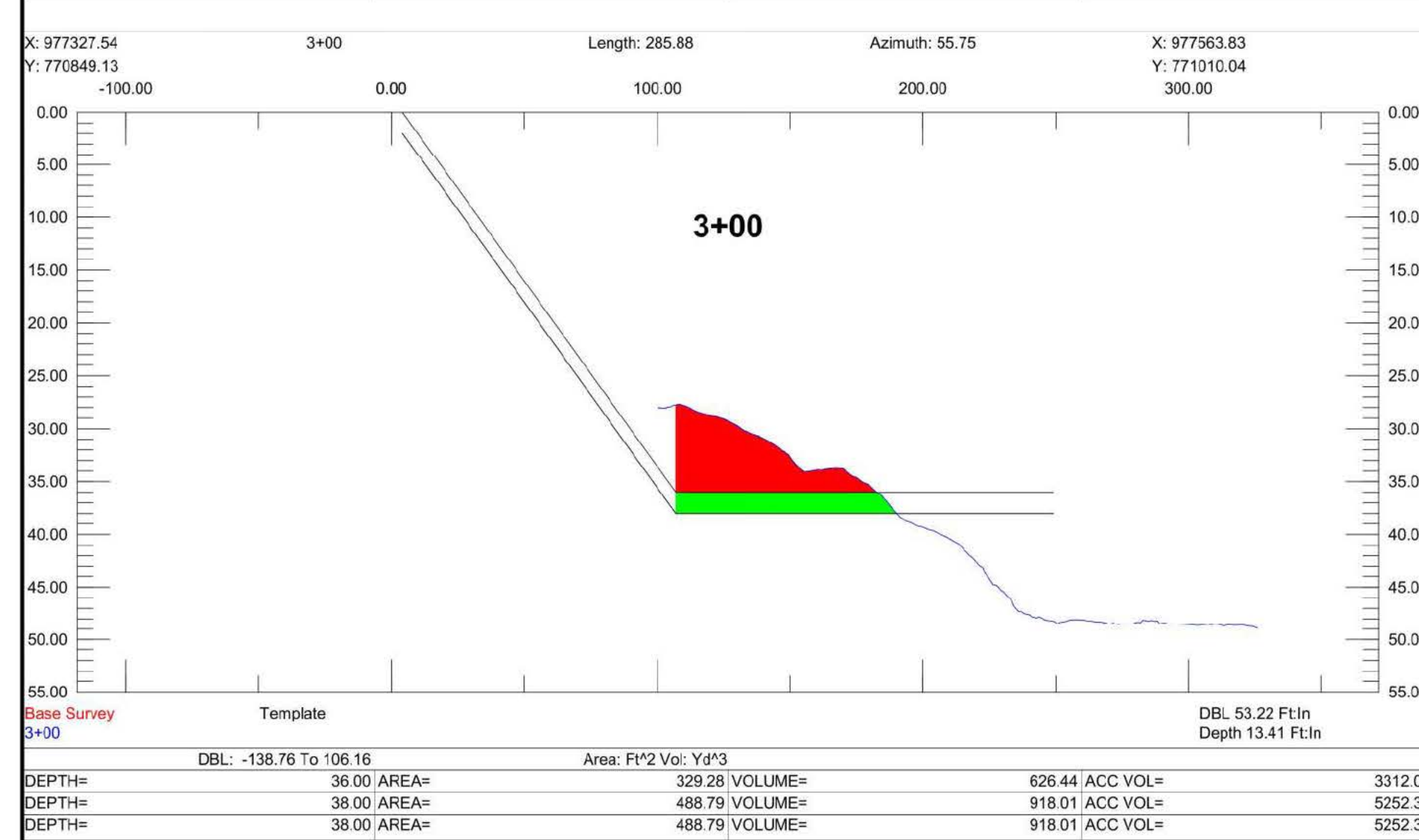
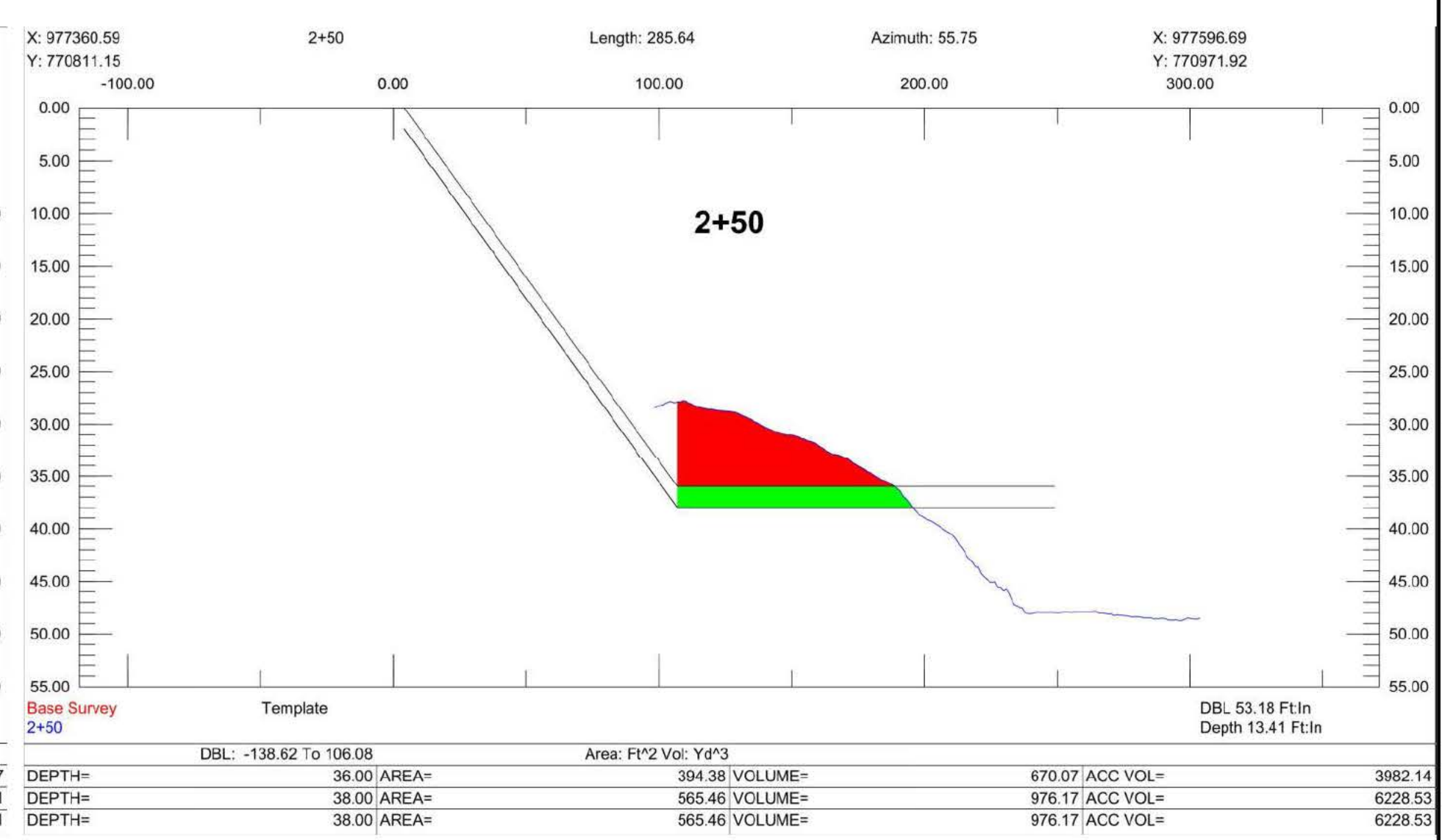
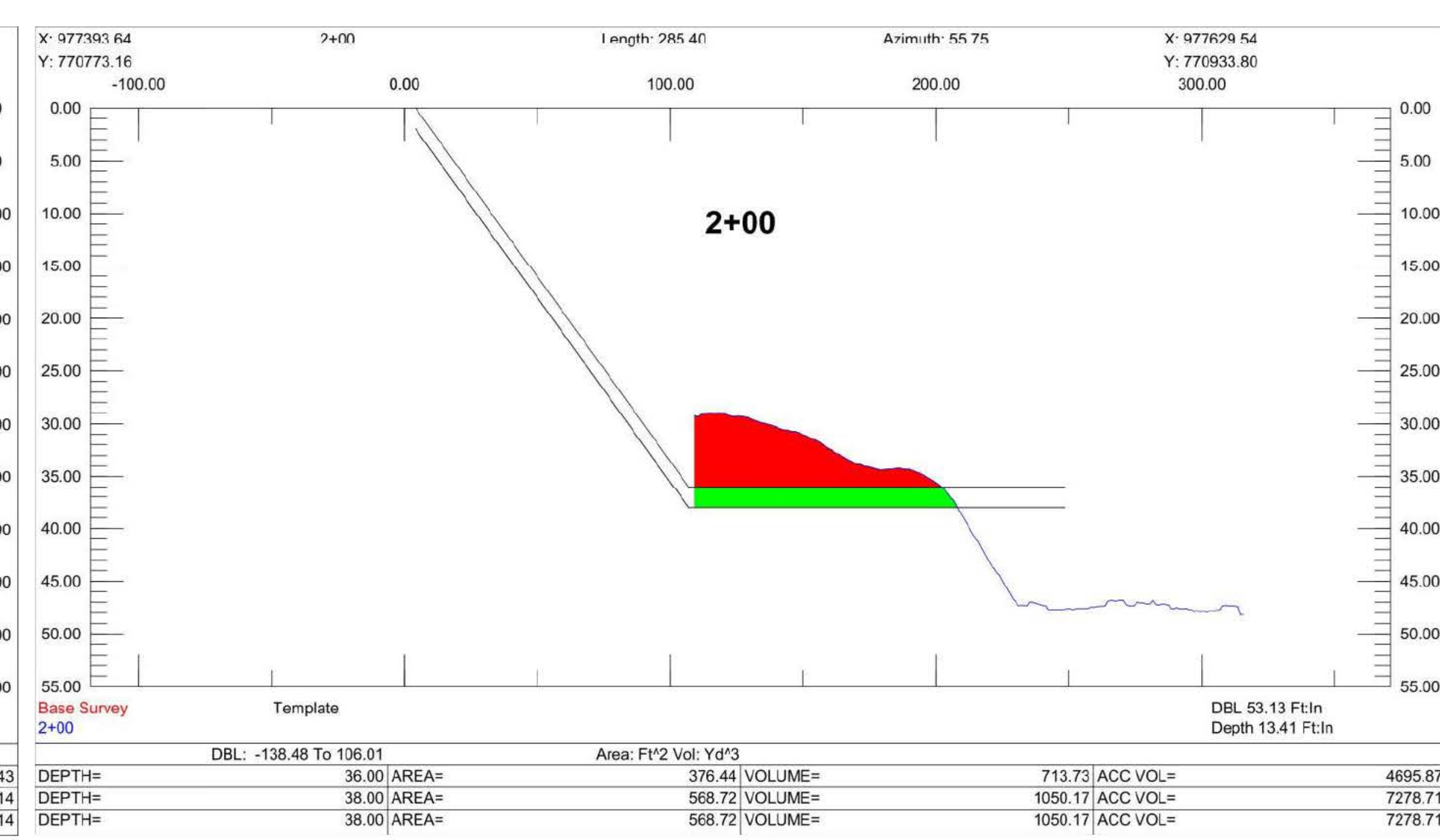
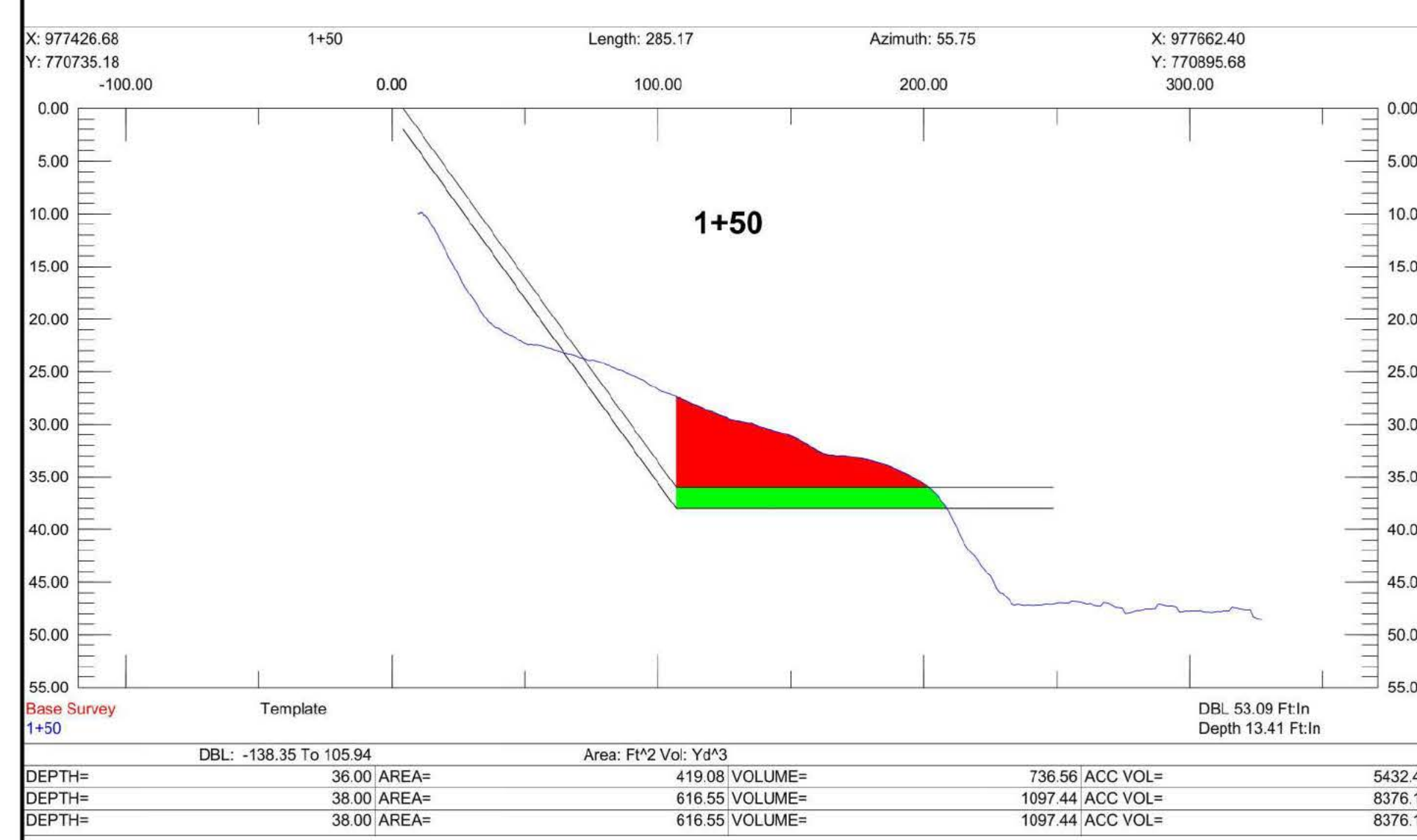
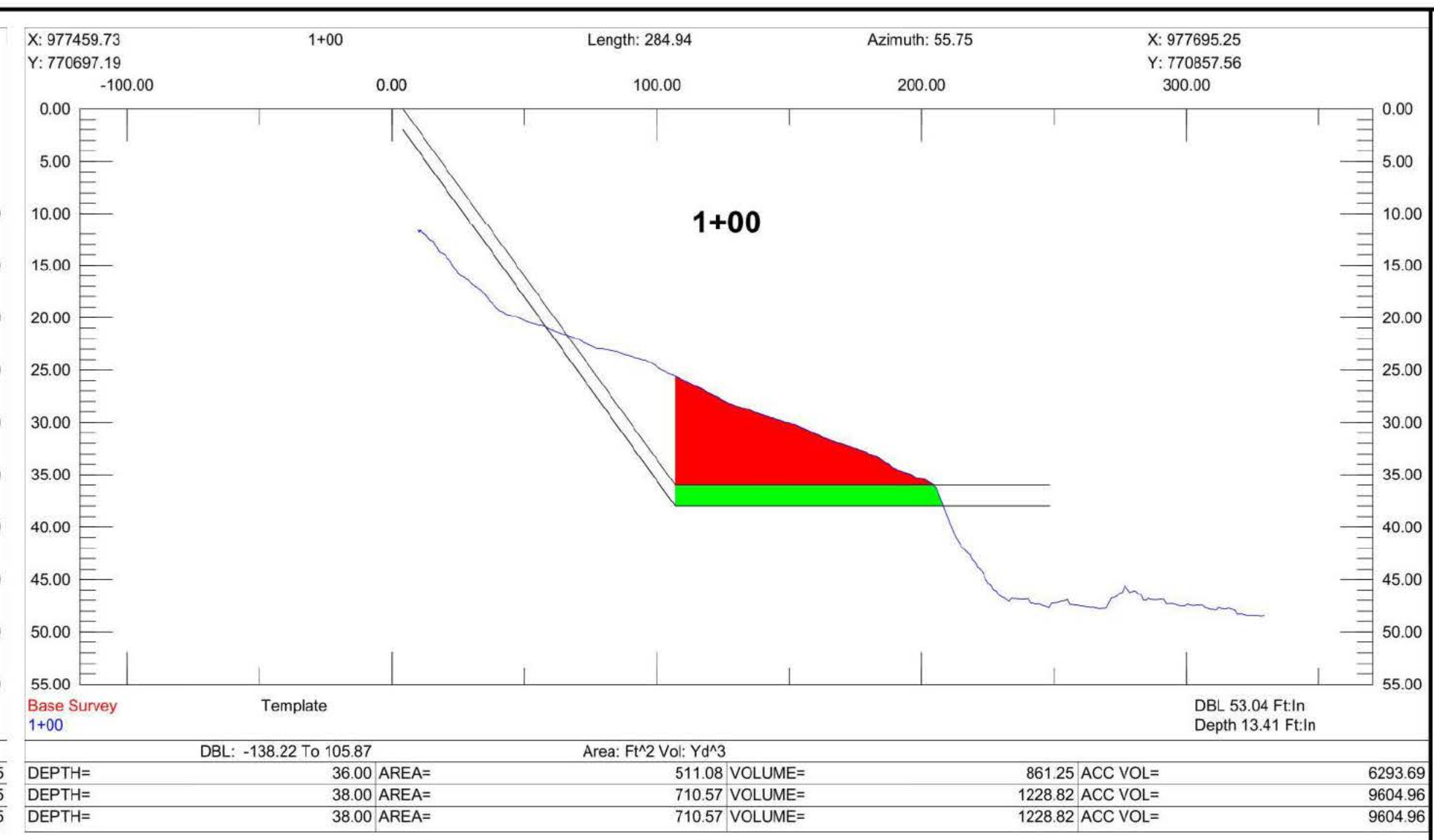
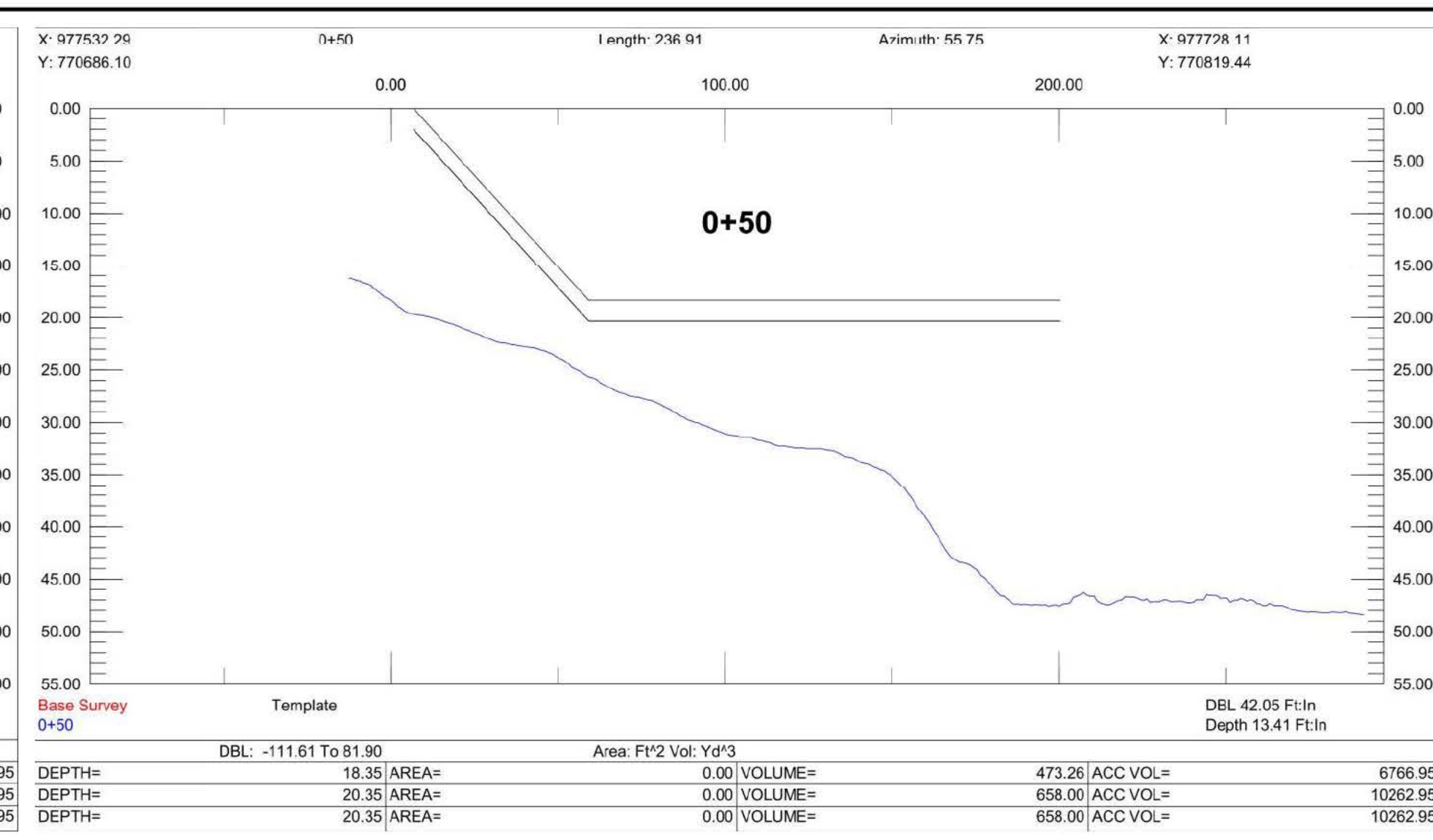
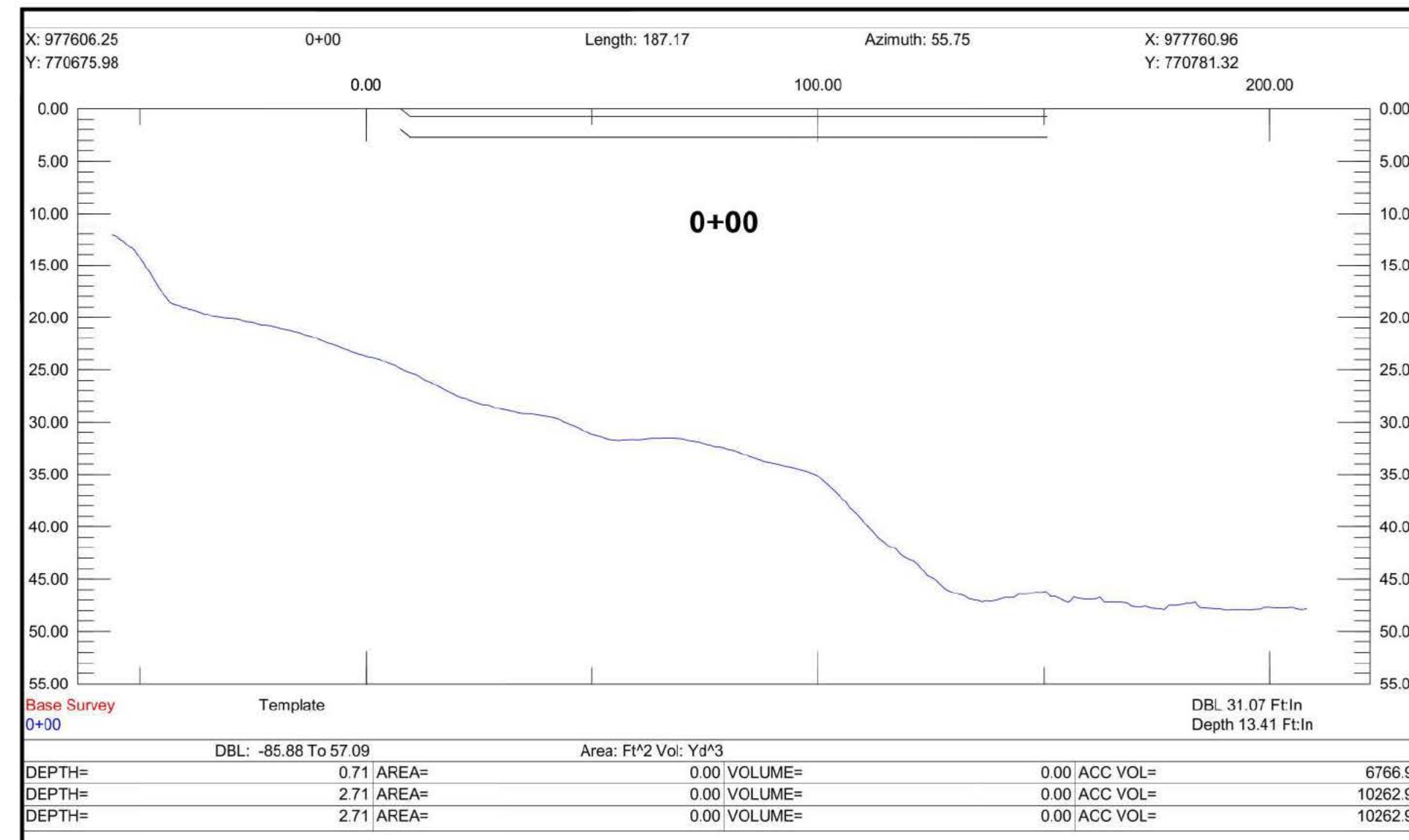
NOTE: THE ACTUAL VOLUMES AT THE TIME OF DREDGING MAY BE SLIGHTLY DIFFERENT THAN ESTIMATED HERE.

- NOTES:
- HORIZONTAL DATUM IS IN NAD83 GEORGIA STATE PLANES, EAST ZONE, US FOOT.
  - DEPTHS AND VOLUMES ARE FROM A HYDROGRAPHIC SURVEY PERFORMED BY BOTTOM LINE ECHO ON FEBRUARY 12, 2021.
  - NOTE THAT HYDROGRAPHIC SURVEY ELEVATIONS ARE IN MLLW DATUM. REFER TO THE LEGEND ON GN-1 FOR CONVERSION TO NAVD-88.
  - VOLUMES ARE ESTIMATED WITH THE TIN METHOD BASED ON THE 28 kHz SURVEY.
  - EXISTING SITE TOPOLOGY PROVIDED BY WARD EDWARDS, INC., JUNE 21, 2004.
  - REFERENCE: "ALTA/ACSM LAND TITLE SURVEY PLAT OF PARCELS A & B, NATIONAL GYPSUM COMPANY TRACT, BEING A PORTION OF THE FOUNDATION TRACT"; DATE: 08/11/95, LAST REVISED: 08/14/00; BERT B. BARRETT, SR., S.C.R.L.S. No. 1239
  - DREDGING SHALL BE PERFORMED HYDRAULICALLY WITH A CUTTERHEAD EXCAVATORS CAN BE USED FROM THE BARGE DECK TO REMOVE LARGE DEBRIS, SUCH AS BURIED TIMBER DEBRIS. THIS DEBRIS WILL BE DISPOSED OF AT THE CDF.



**ISSUED FOR PERMIT**  
DATE: 04/16/21





Urbana  
INCORPORATED

Urban Engineers, Inc.  
350 Highway 100  
P.O. Box 100  
Savannah, GA 31405  
912.323.8880

SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

REV	DATE	DESCRIPTION
0	04/16/21	ISSUED FOR PERMIT

SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC

SAVANNAH DREDGING

DREDGING CROSS-SECTIONS 1

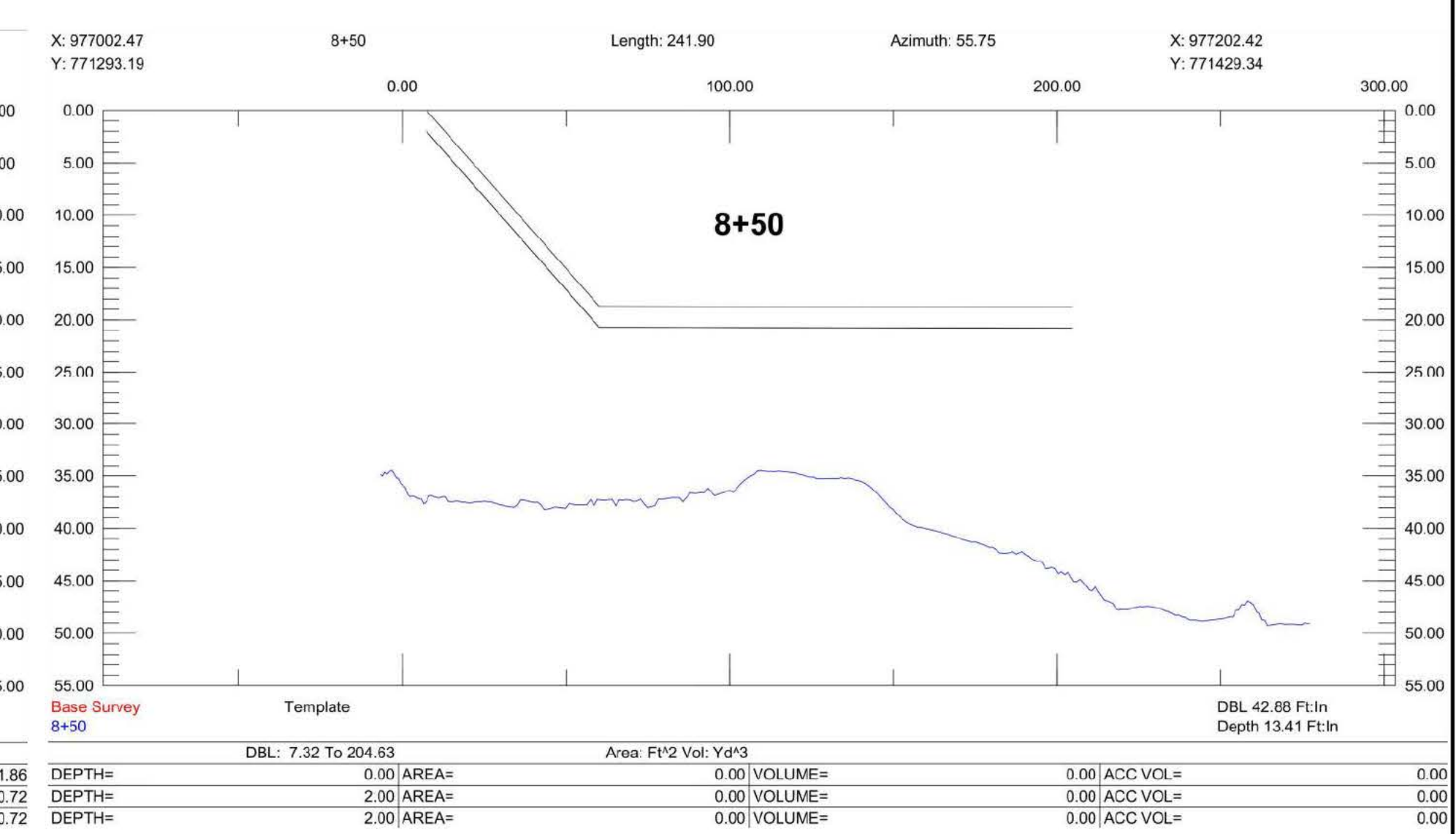
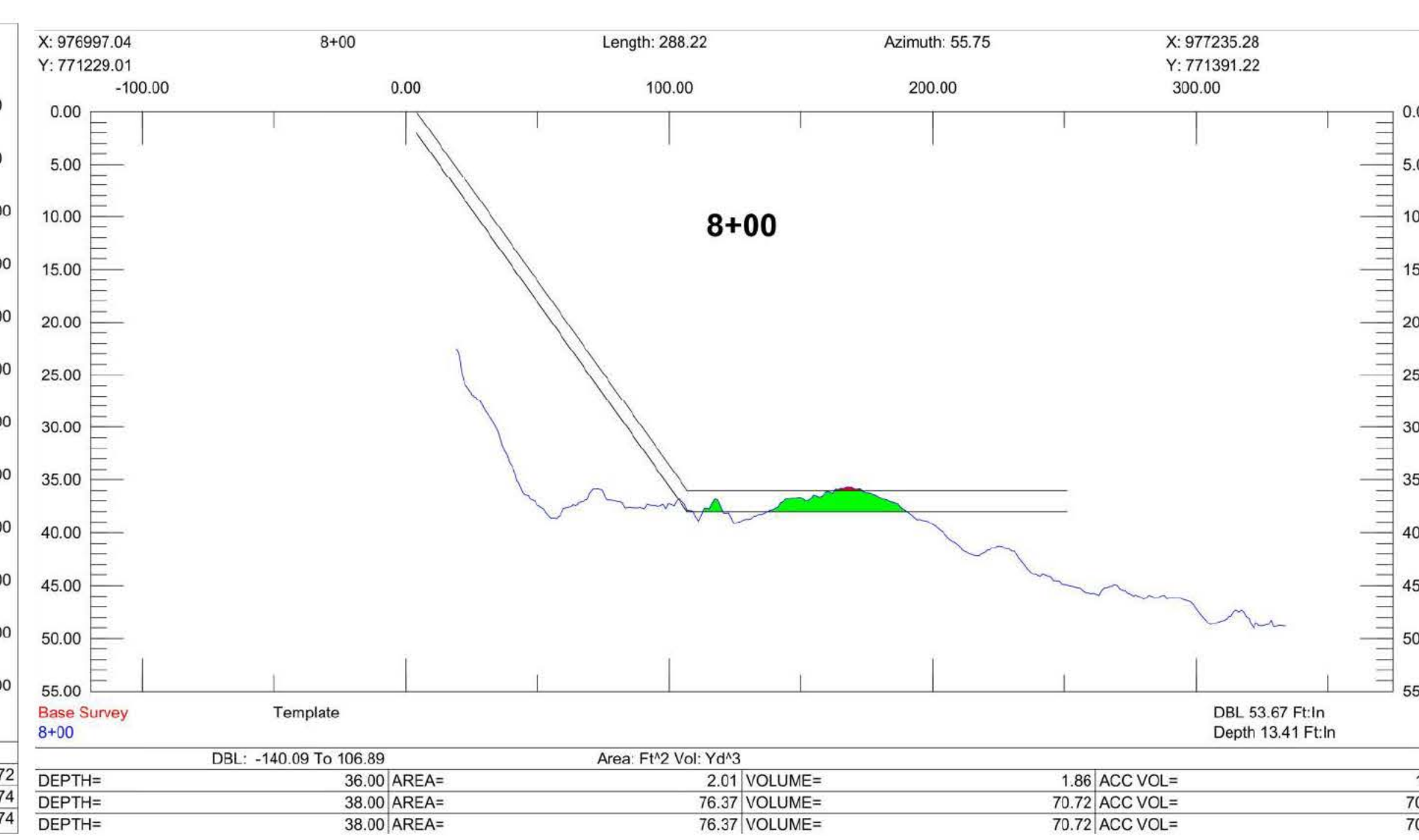
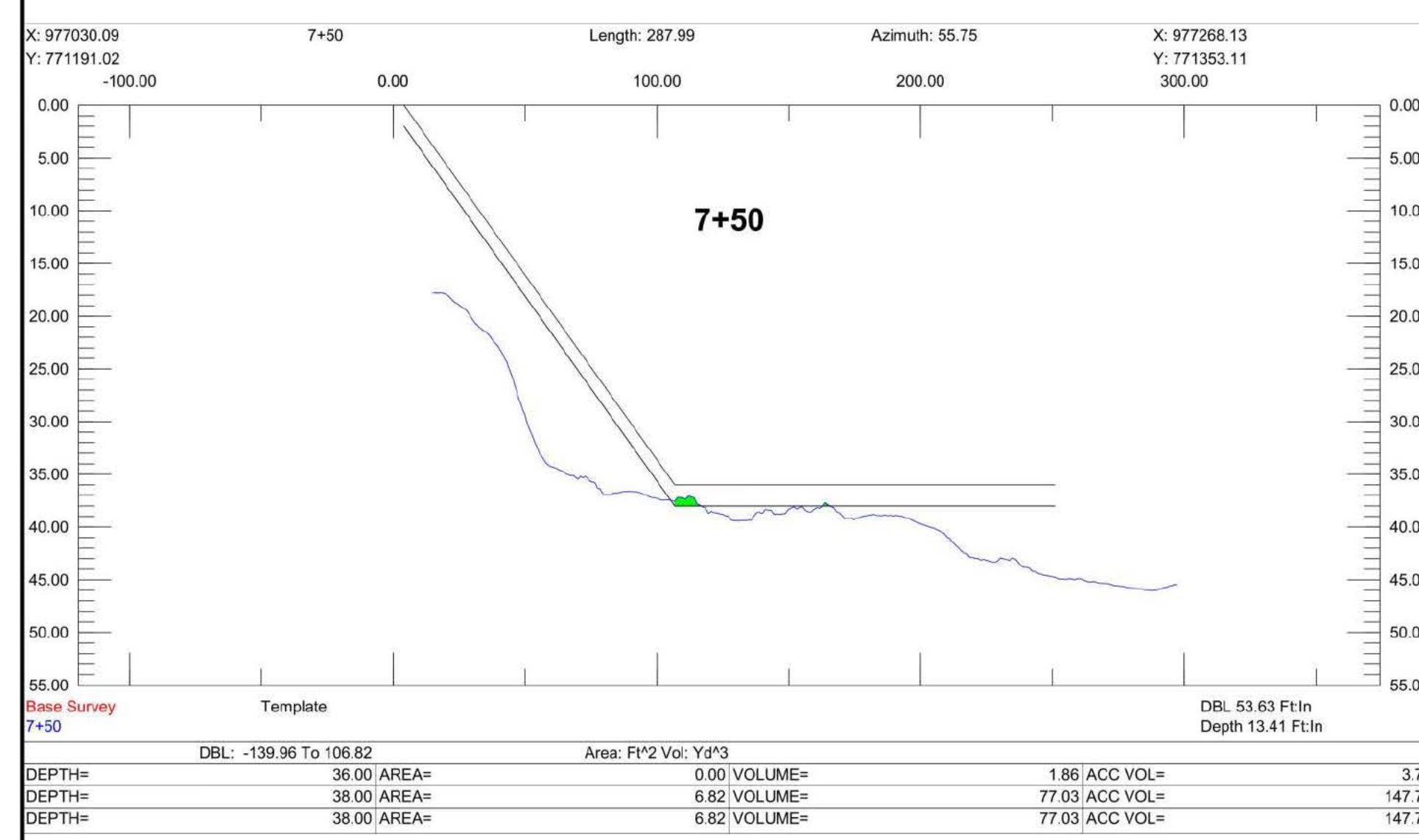
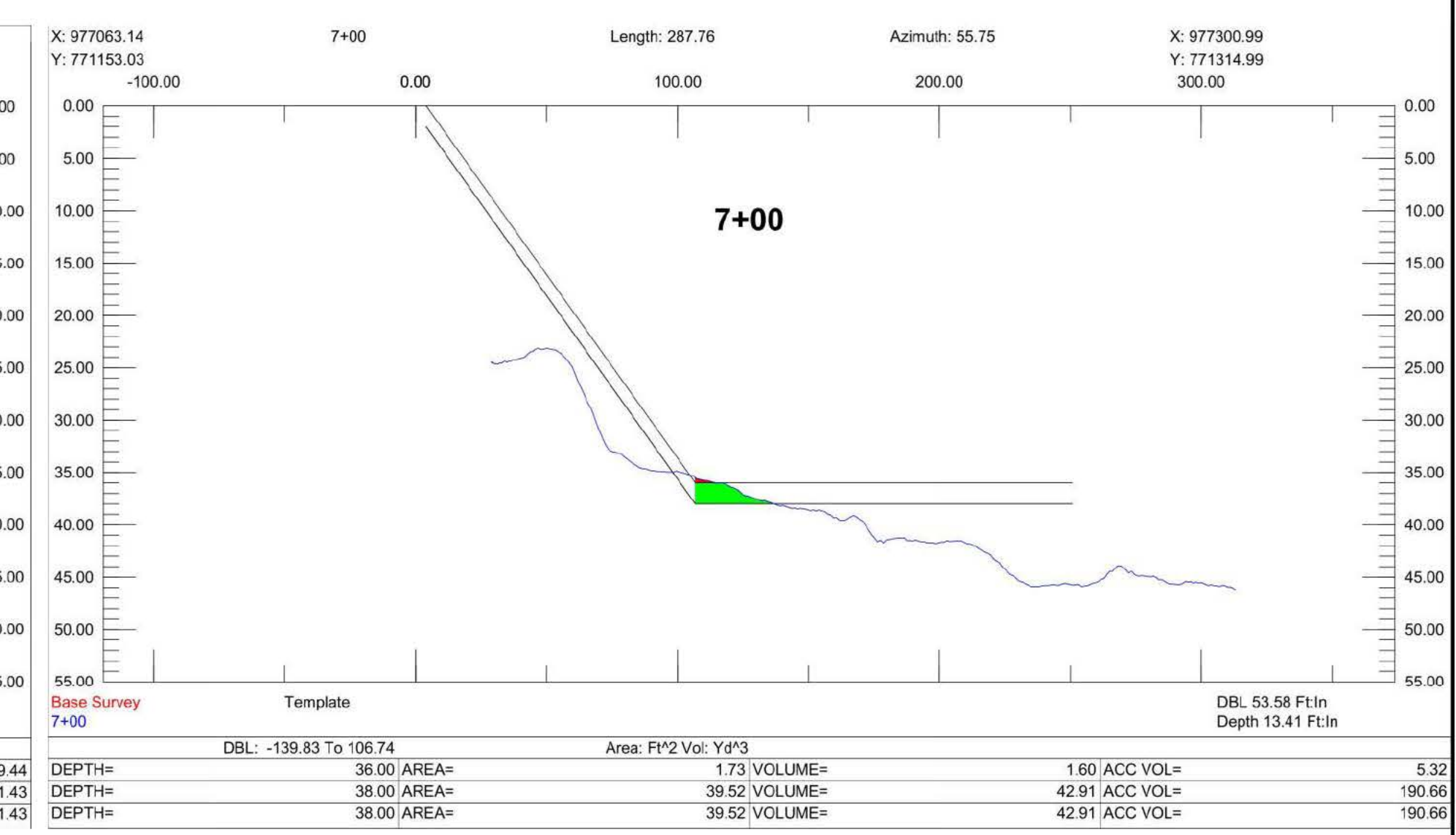
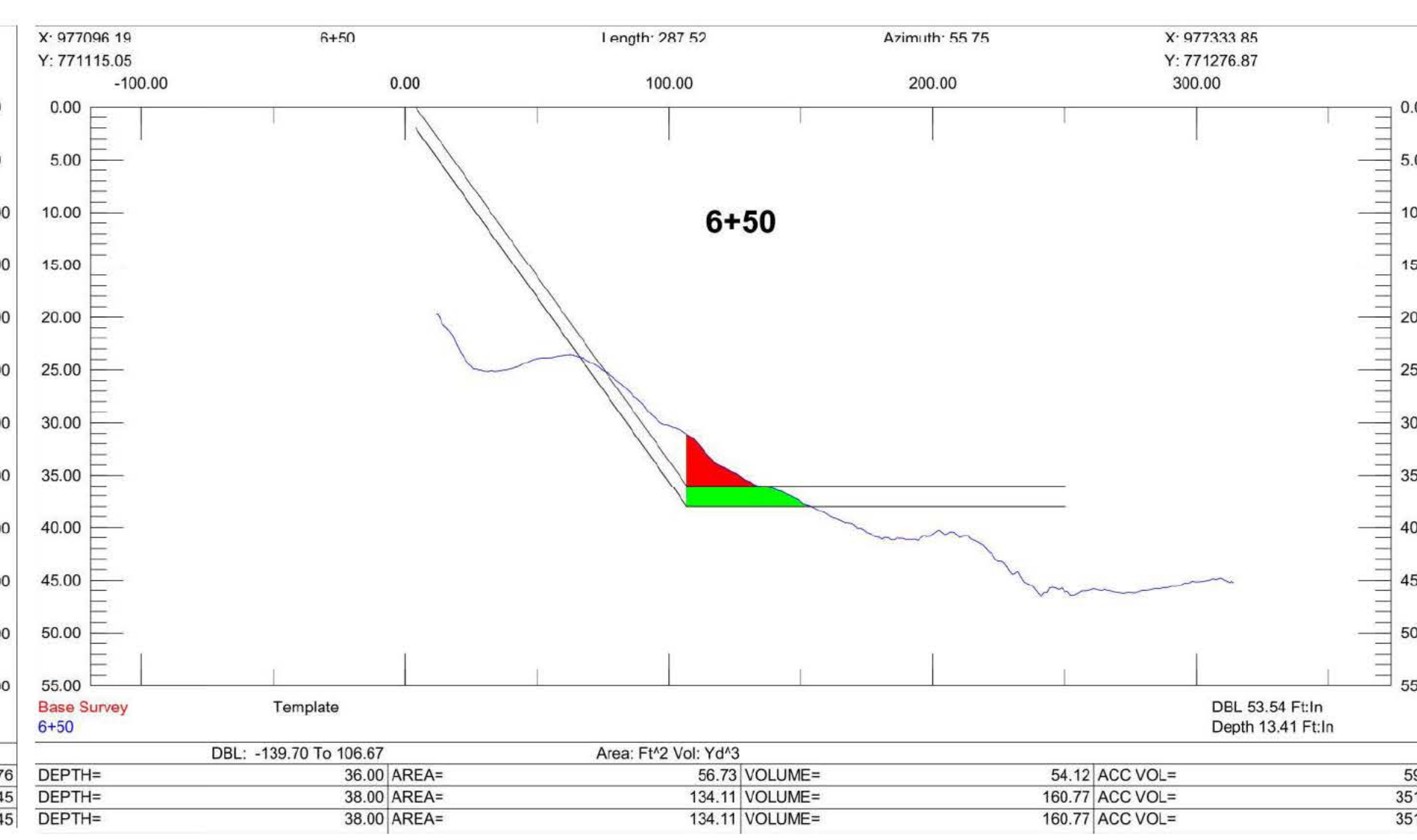
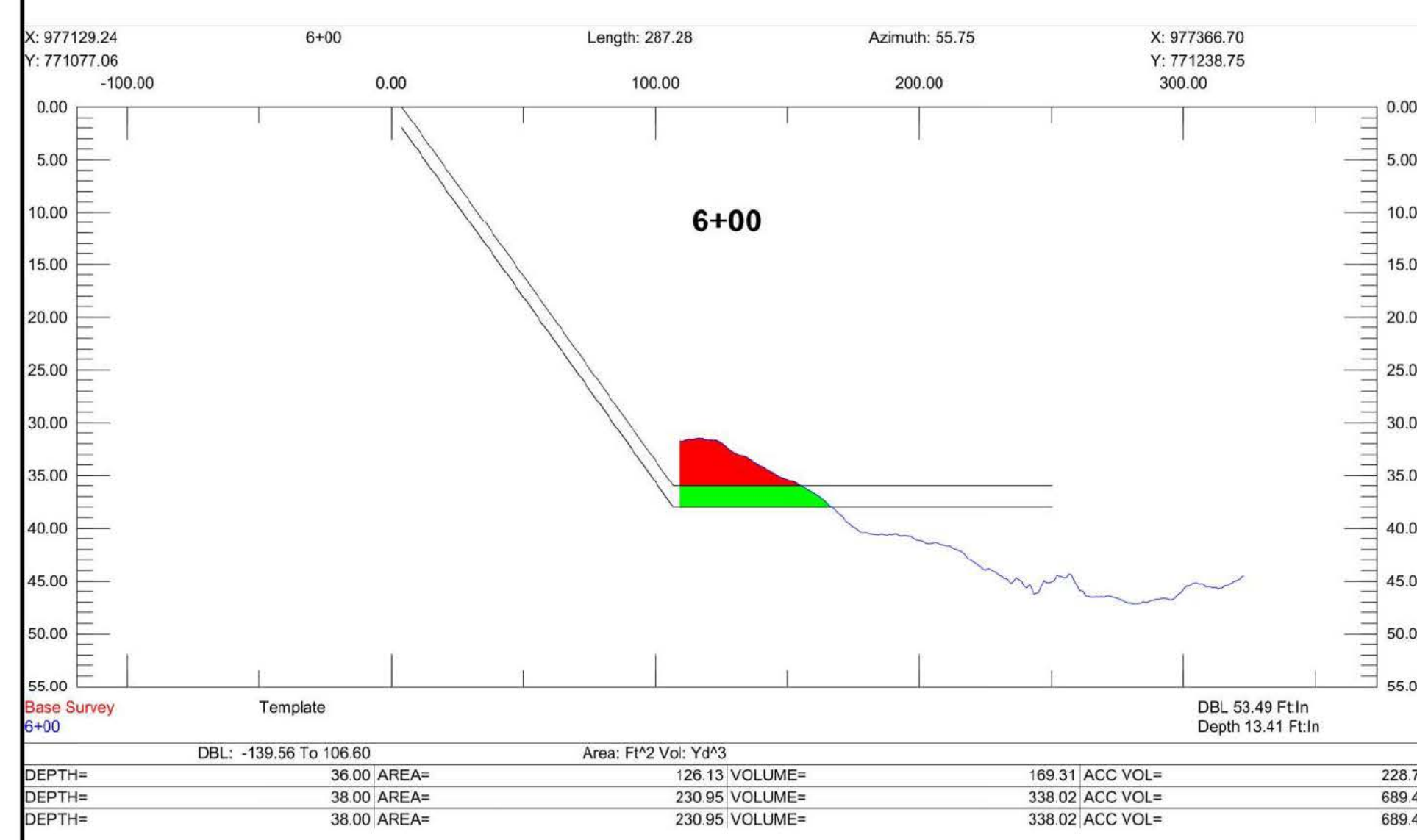
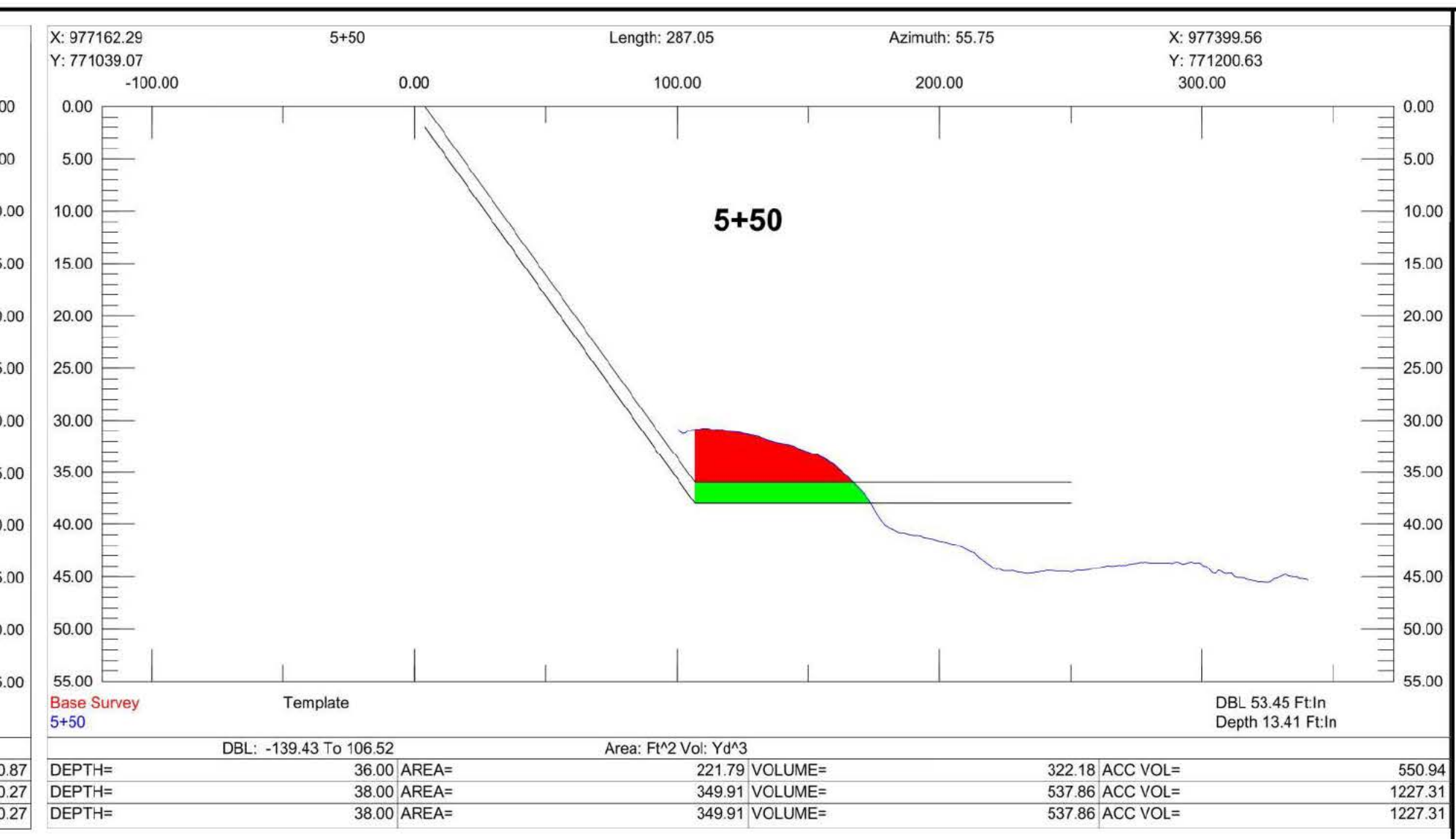
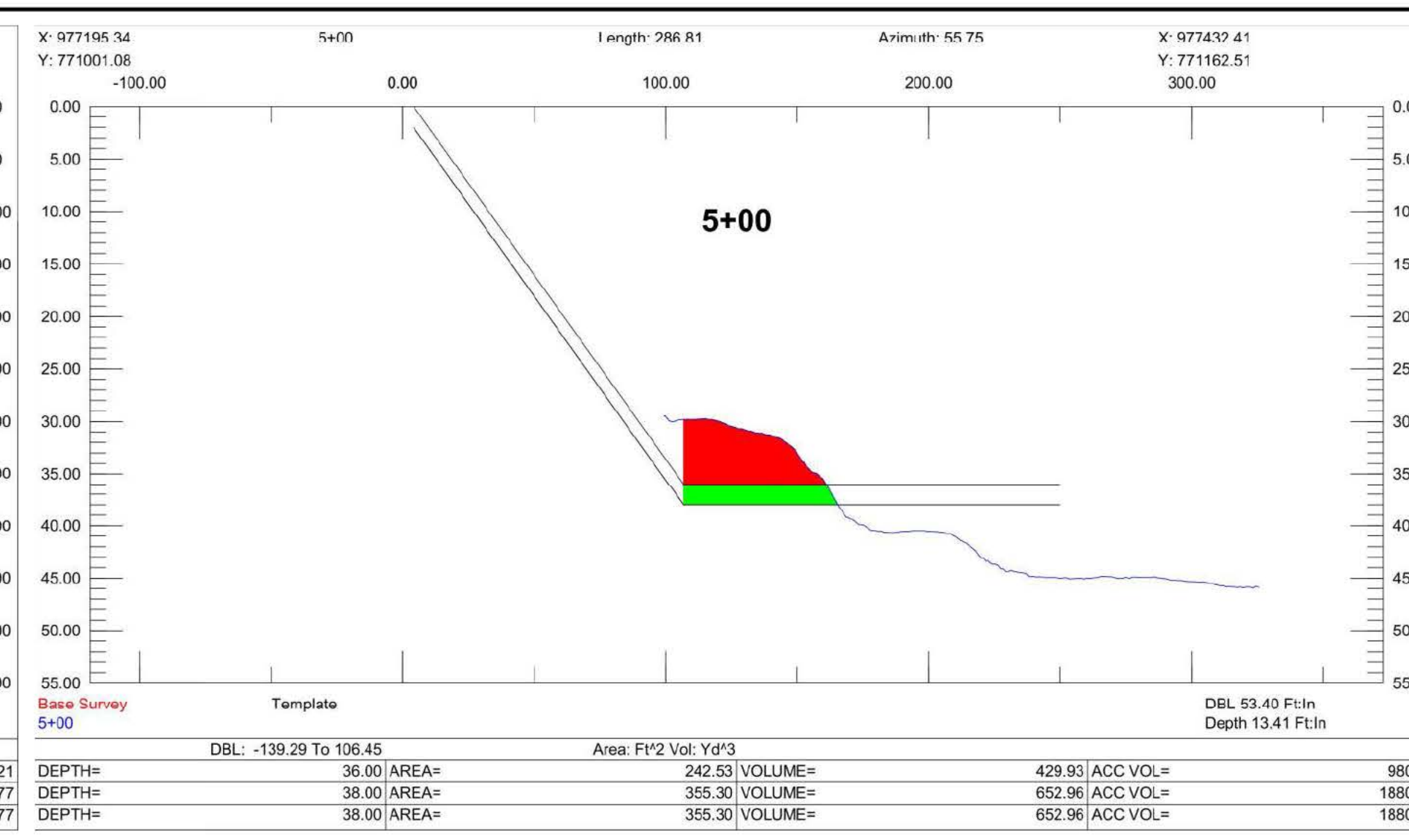
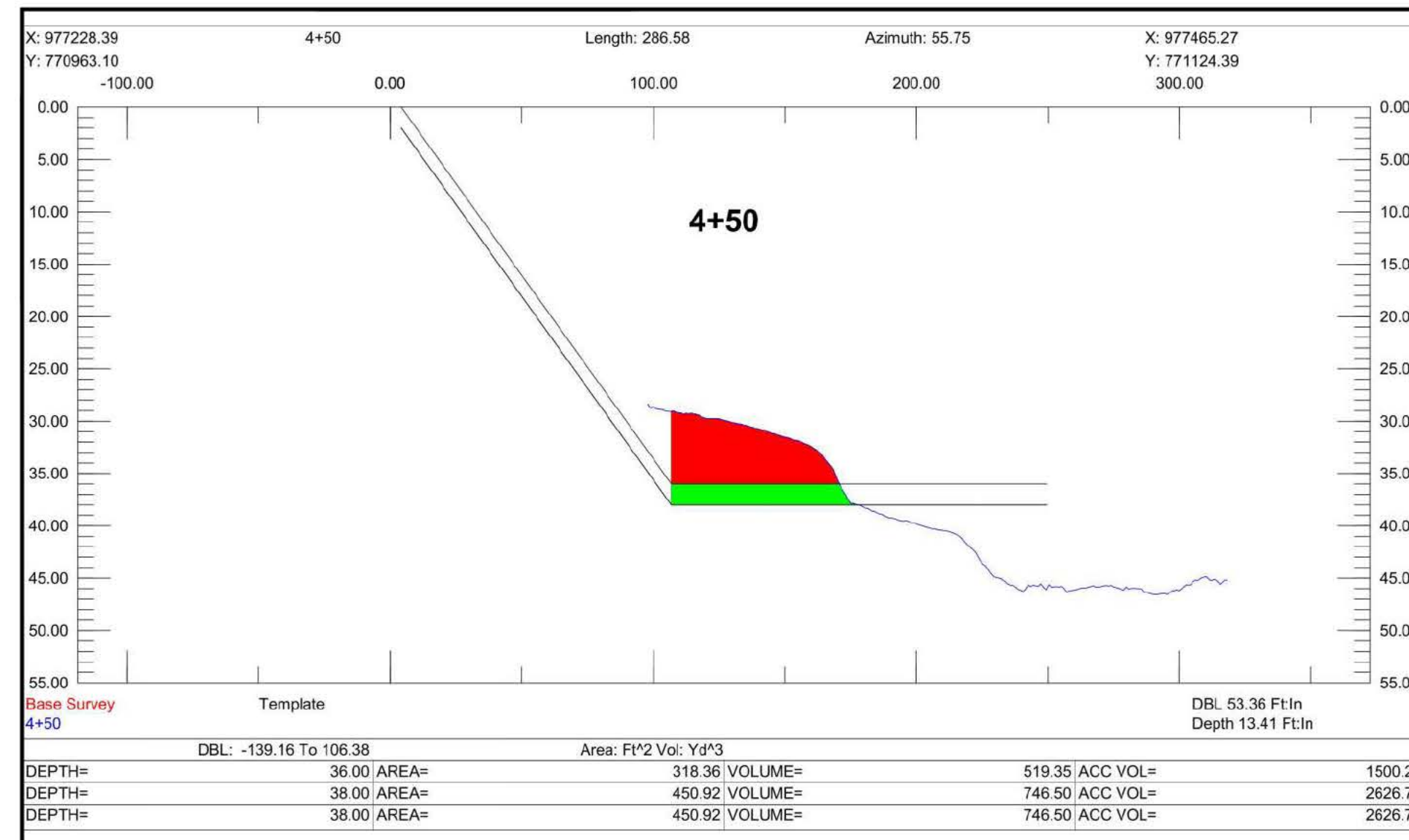
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ULTRABOND  
CONCRETE

ULTRABOND ENGINEERS, INC.  
3500 Highway 101  
P.O. Box 101  
Cape Fear, NC 28415  
910.322.8880

SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

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SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC

SAVANNAH DREDGING

DREDGING CROSS-SECTIONS 2

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APPROVED BY: MGR

DATE: 04/16/21

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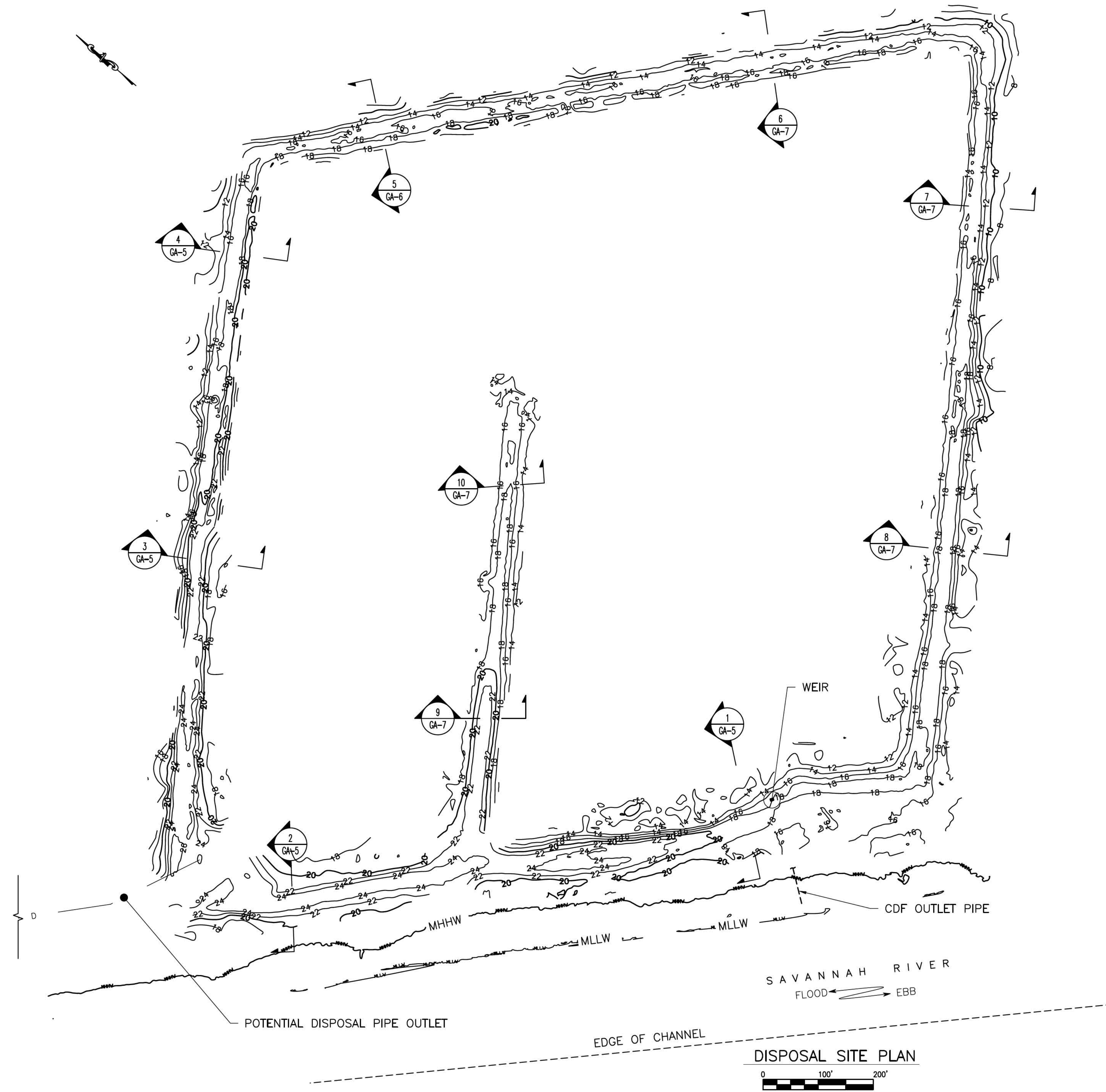
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ISSUED FOR PERMIT



**NOTES:**

1. THE ELEVATIONS AND CONTOURS OF THE DISPOSAL SITE WERE COLLECTED BY BOTTOM LINE ECHO, LLC, WITH CELLULAR RTK VRS NETWORK GNSS FOR GEORGIA VRS, BENCHMARKED TO KNOWN VERTICAL NGS CONTROL.
2. THE DREDGER SHALL BE RESPONSIBLE FOR OPERATING THE CONFIDED DREDGE FACILITY (CDF) DURING DISPOSAL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL LAWS AND PERMITS. IN SO DOING, THE CONTRACTOR SHALL MAINTAIN THE MATERIAL INFLOW POINT, WEIR ELEVATION, AND CDF GRADING DURING DREDGING TO PROMOTE PROPER DRAINAGE.
3. THE DISPOSAL SITE HAS PREVIOUSLY BEEN USED AS A CDF AND THE TOP CRUST OF MATERIAL MAY NOT SUPPORT THE WEIGHT OF EQUIPMENT. USE CAUTION AND REINFORCE OR USE MATS AS NEEDED FOR OPERATIONS.
4. THE DREDGER SHALL MODIFY, REPAIR AND MAINTAIN THE EXISTING WEIR STRUCTURES AS NEEDED TO OPERATE THE CDF IN ACCORDANCE WITH ALL PERMITS.
5. THE DREDGER SHALL REGRADE THE INTERIOR OF THE CDF AS NEEDED TO MAXIMIZE THE DISTANCE BETWEEN THE INFLOW POINT AND THE WEIR AND OPERATE THE DISPOSAL FACILITY IN ACCORDANCE WITH ALL PERMITS. NO EXCAVATION SHALL BE MADE BELOW ANY IMPERVIOUS OR SEMI-PERVIOUS LAYER. NO EXCAVATION SHALL BE MADE OUTSIDE OF THE BERM.
6. ALL EQUIPMENT ACCESS TO THE SITE WILL BE BY LAND. PIPELINE ACCESS MAY BE BY WATER, VIA TIMBER MATS, OR BY LAND.
7. GOLD BOND BUILDING PRODUCTS WILL ENGAGE A THIRD PARTY TO MONITOR THE EFFLUENT DURING DREDGING, SAMPLING AND TESTING TO RECORD CONSTITUENT LEVELS. THE DREDGER SHALL MONITOR THE DISPOSAL AND EFFLUENT LEVELS, AND REGULATE THE FLOW RATE TO AVOID OVERTOPPING OF THE CDF BERMS AND TO MAINTAIN EFFLUENT LEVELS WITH ACCEPTABLE LIMITS. PHYSICAL OR CHEMICAL FILTRATION SHALL BE IMPLEMENTED IF TESTING DEMONSTRATES ITS NEED.
8. THE DREDGER SHALL ADJUST THE RATE OF DREDGING TO PREVENT EXCEEDENCE OF REGULATED EFFLUENTS AND TO PREVENT DISPOSED MATERIAL AND WATER FROM REACHING WITHIN 1 FOOT OF THE BERM, WHETHER DUE TO DISPOSAL OR STORMWATER.
9. THE DREDGER SHALL PREVENT EXCESSIVE PONDING THAT COULD LEAD TO GROUNDWATER MIGRATION. IT IS ASSUMED THAT THE EXISTING CDF WAS PROPERLY DESIGNED TO PREVENT LEACHING INTO GROUNDWATER.
10. THE EXISTING CDF HAS BEEN DESIGNED BY OTHERS. IT IS ASSUMED THAT THE EXISTING CDF IS STRUCTURALLY AND GEOTECHNICALLY ADEQUATE TO CONTAIN THE DREDGE SPOILS. THE CONTRACTOR SHALL CAREFULLY MONITOR THE CDF DURING DREDGING AND CLEANUP OPERATIONS, AND IMMEDIATELY HALT DREDGING OPERATIONS AND CONTACT THE ENGINEER AND OWNER IF PIPING, SUBSIDENCE, EROSION, SLIDES, OR OTHER SIGNS OF DETERIORATION ARE OBSERVED.



SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

REV	DATE	DESCRIPTION	BY	CHKD	APD
0	04/16/21	ISSUED FOR PERMIT	PB	CKD	APD

SAVANNAH, GA

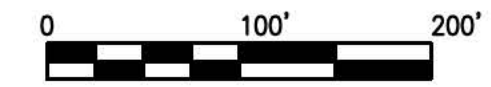
GOLD BOND BUILDING PRODUCTS, LLC  
SAVANNAH DREDGING

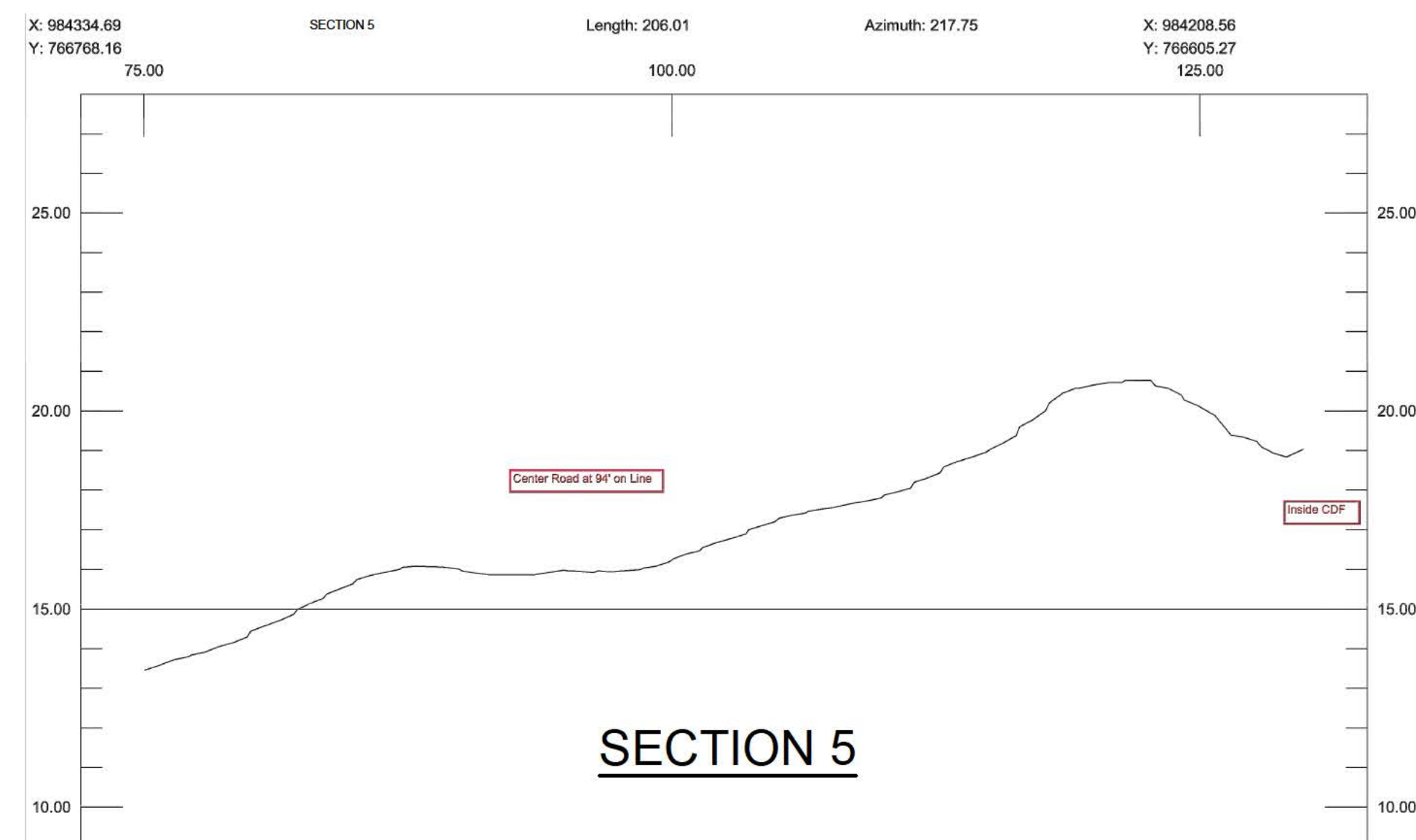
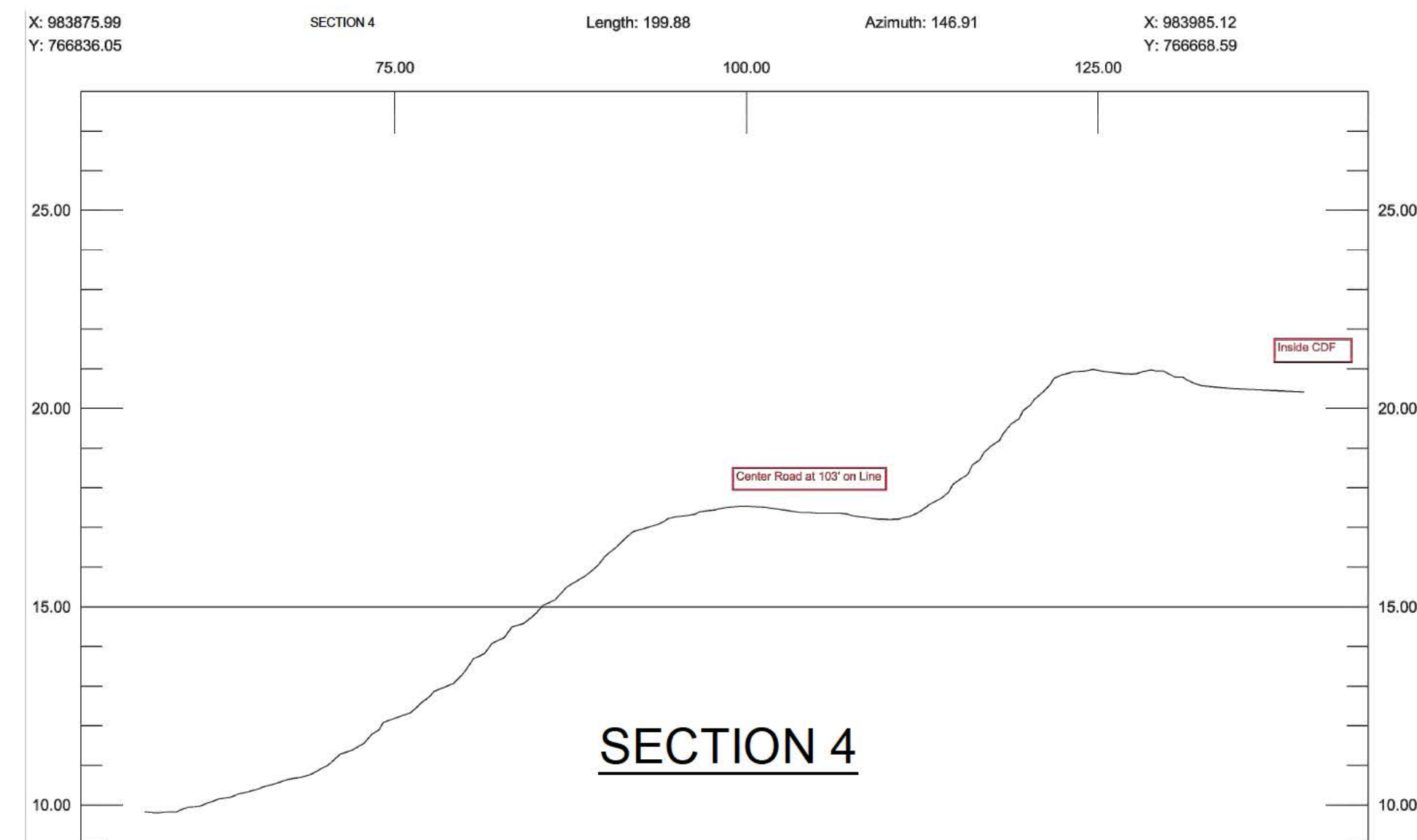
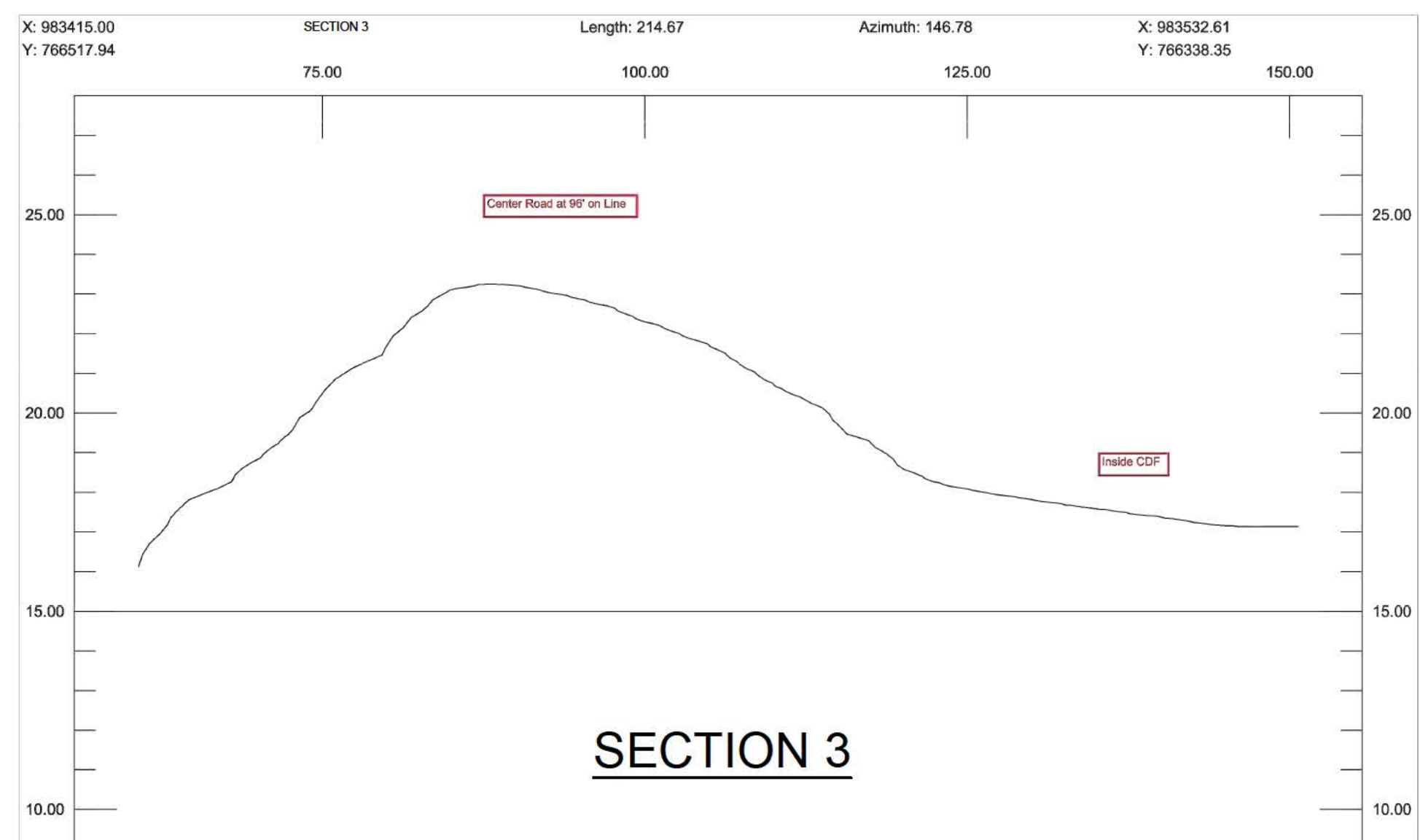
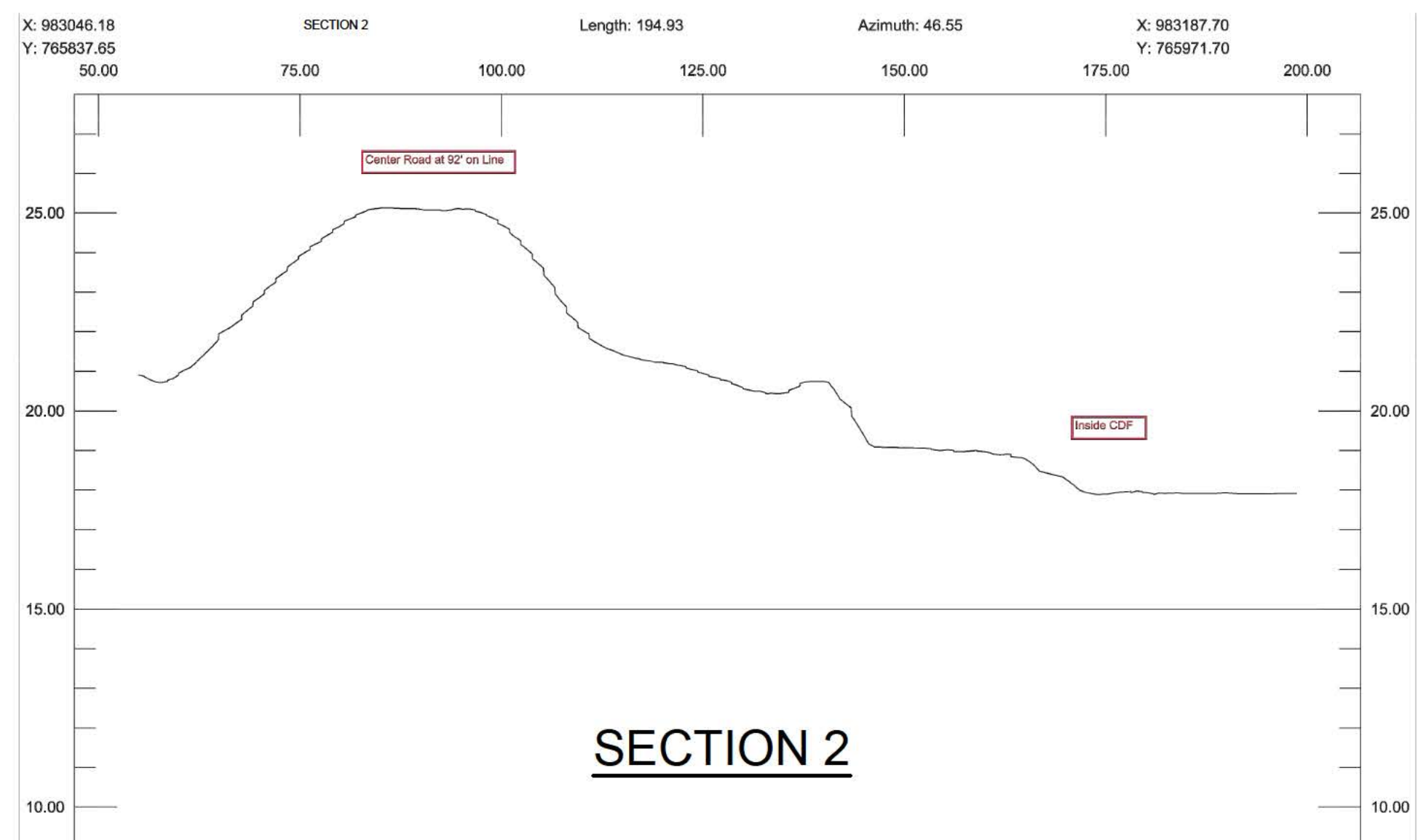
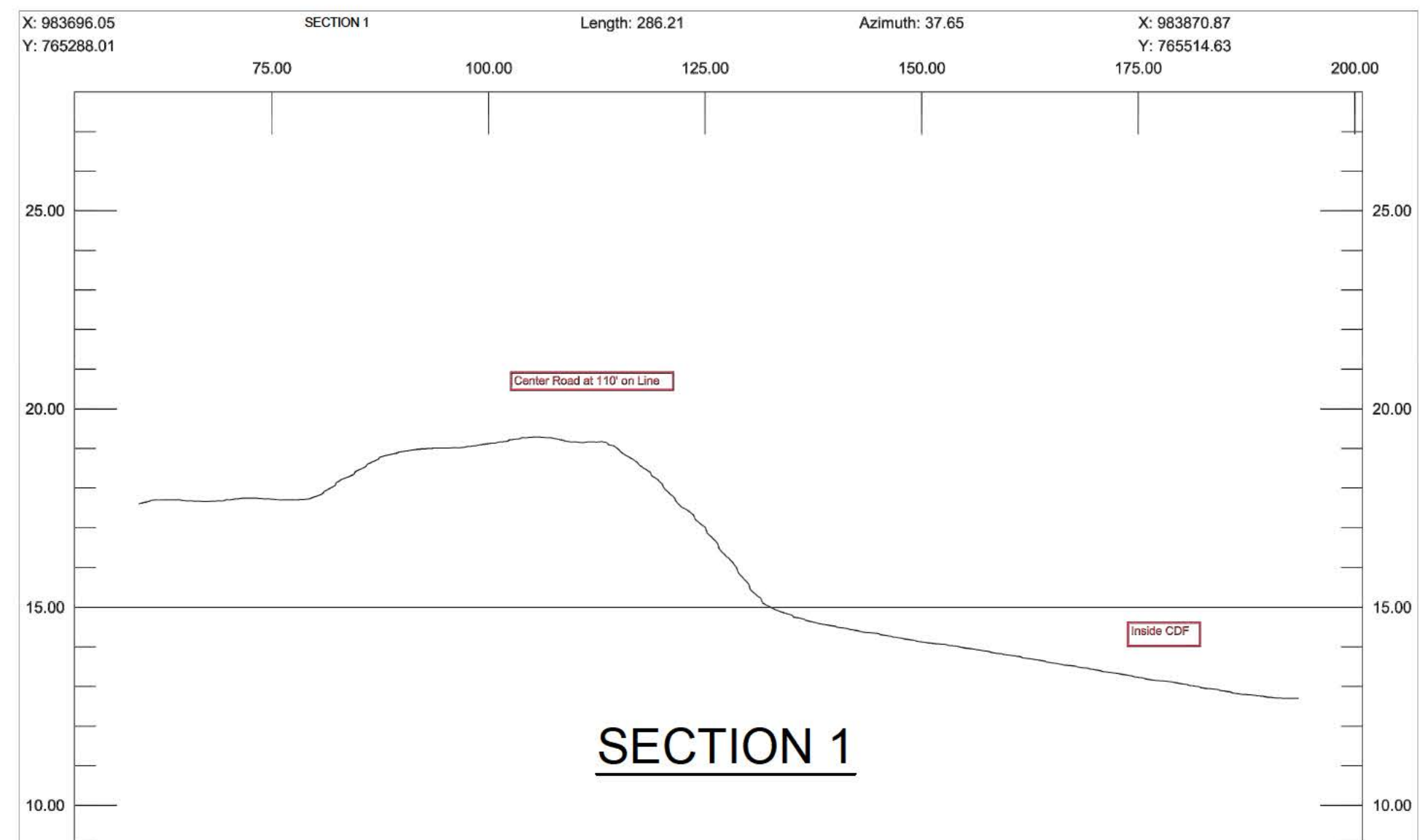
DISPOSAL SITE PLAN

SCALE:	AS NOTED	DESIGN BY:	PB
DATE:	04/16/21	APPROVED BY:	MSW
PROJECT NO.:	2020610062.000	DRAWN BY:	FTC
SHEET NUMBER:	<b>GA-5</b>	CHECKED BY:	#
SHEET NO.:	SHTNO	OF TOT SH	
DRAWING FILE NO.:	GA-5 DIS...	REV. NO.:	0

**ISSUED FOR PERMIT**  
DATE: 04/16/21

DISPOSAL SITE PLAN





**ISSUED FOR PERMIT**  
DATE: 04/16/21



Urban Engineers, Inc.  
300 Highway 104  
P.O. Box 17108  
Savannah, GA 31416  
C. 215.922.8800

SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

REV	DATE	DESCRIPTION	BY	CHKD	APD
0	04/16/21	ISSUED FOR PERMIT	PB	CKD	APD

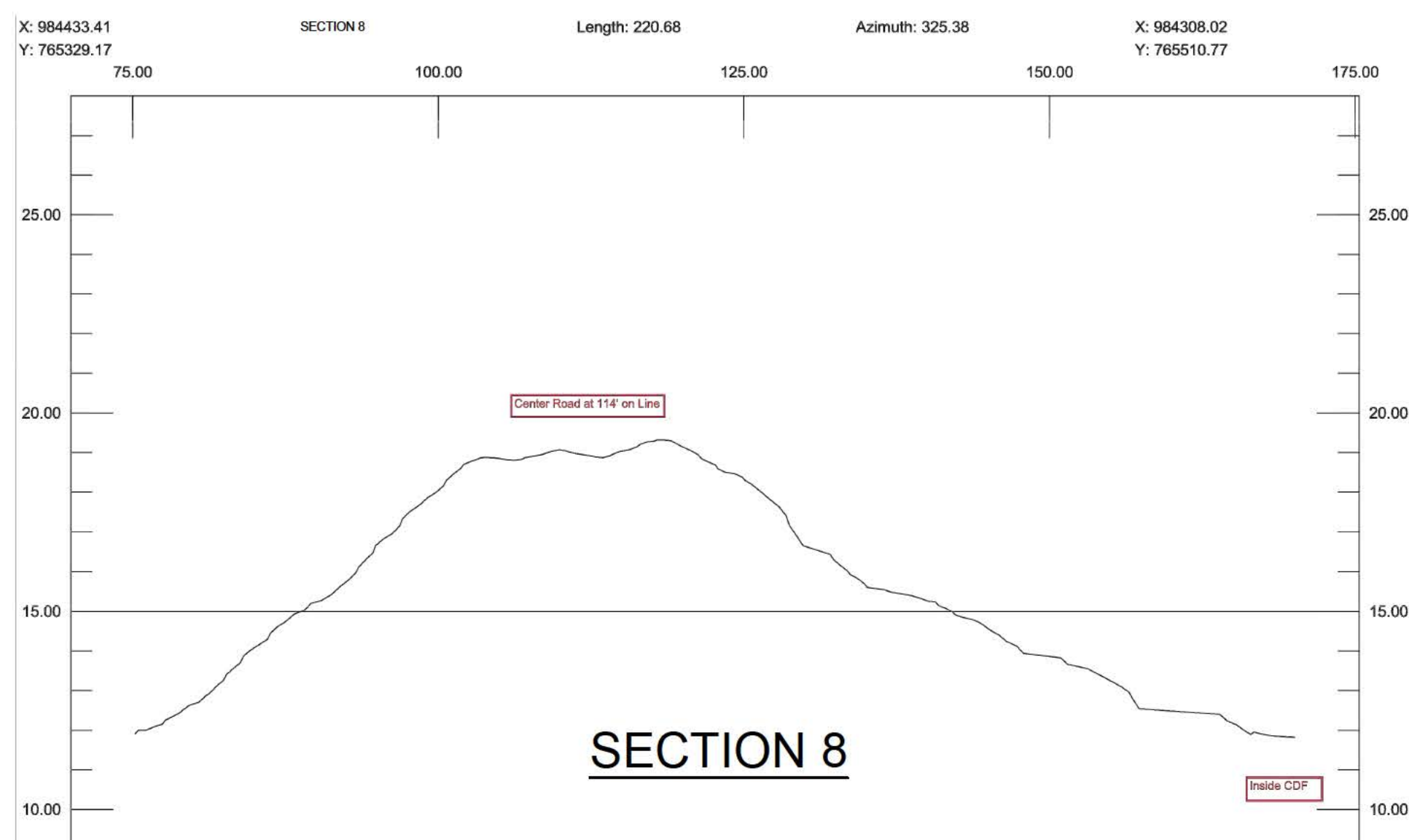
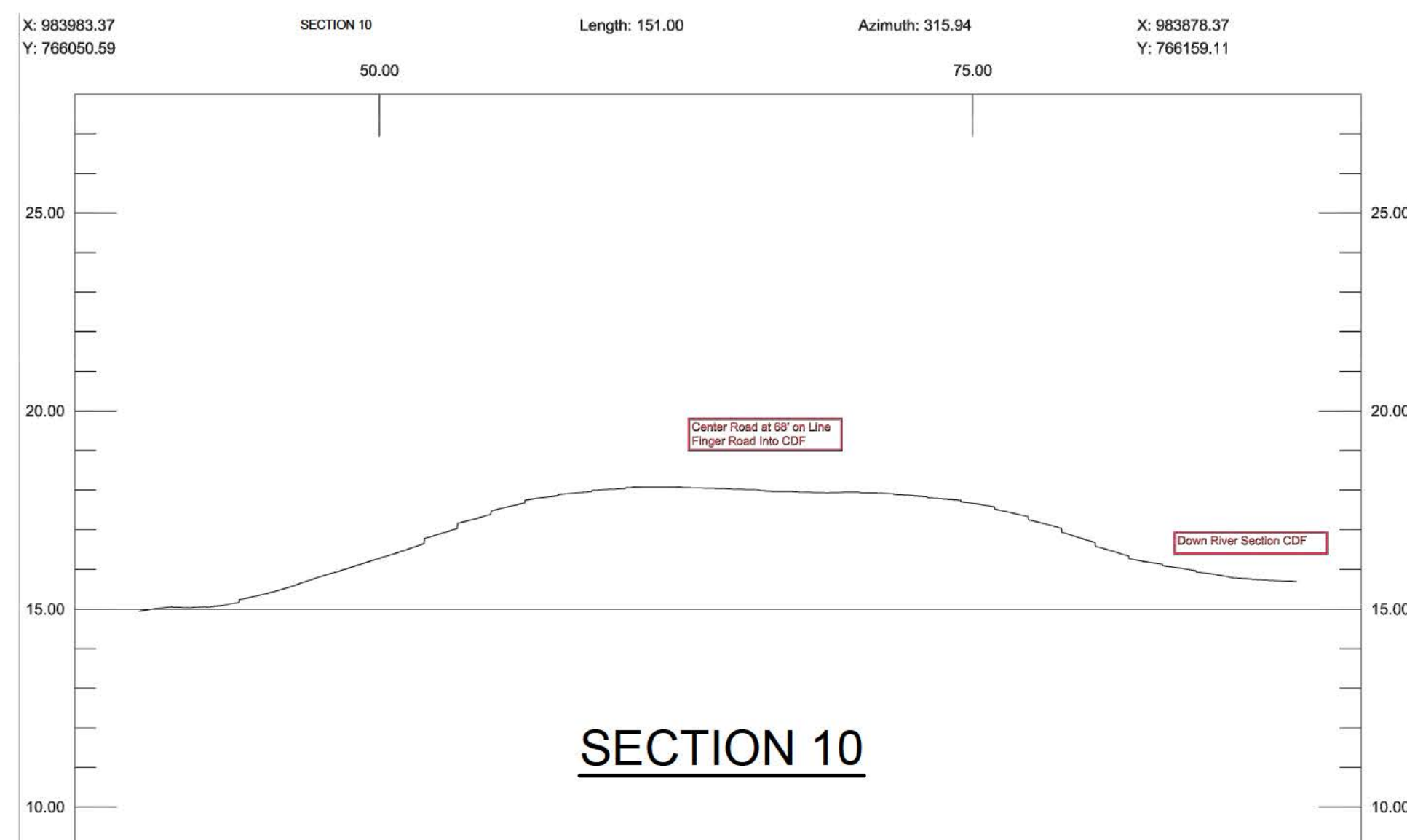
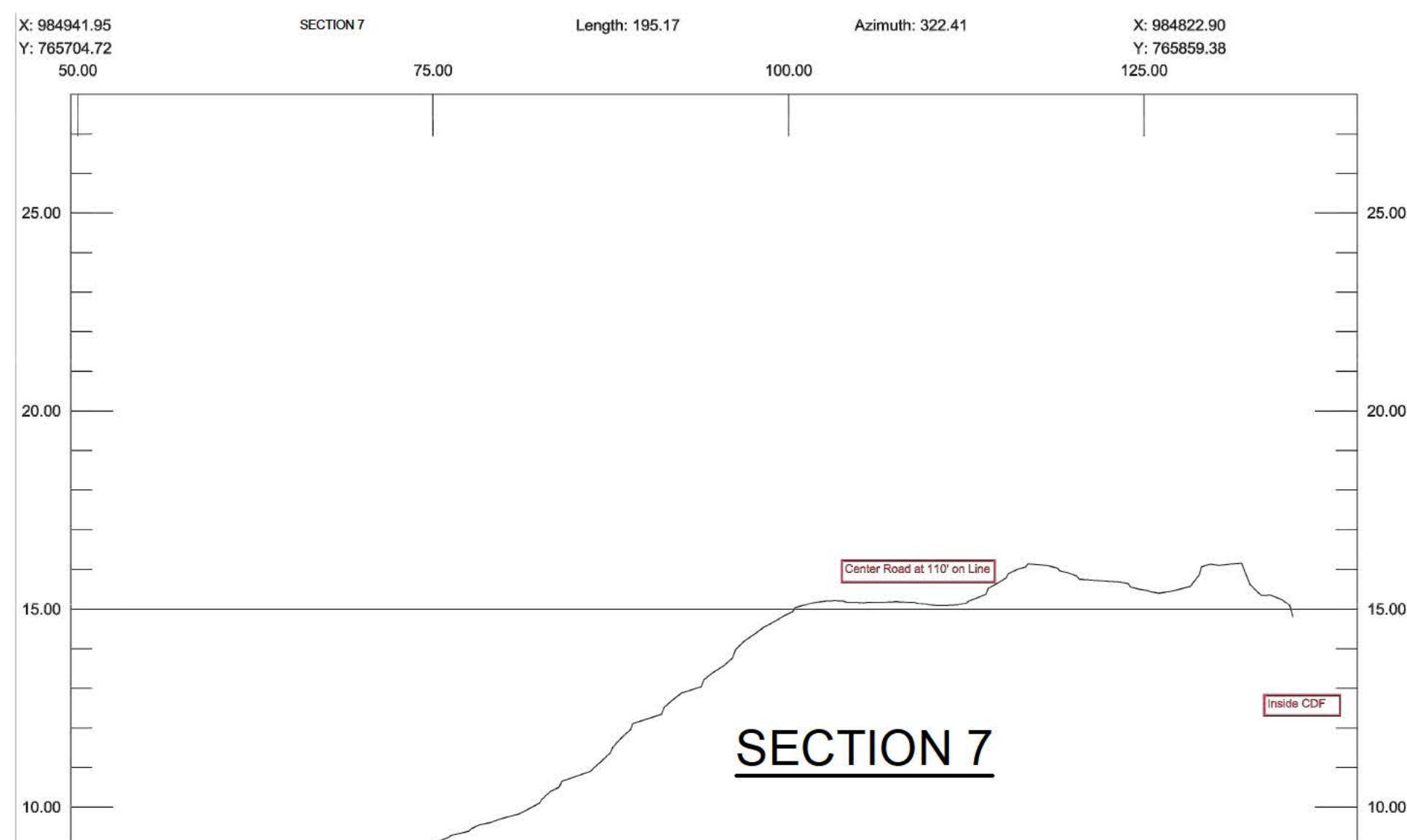
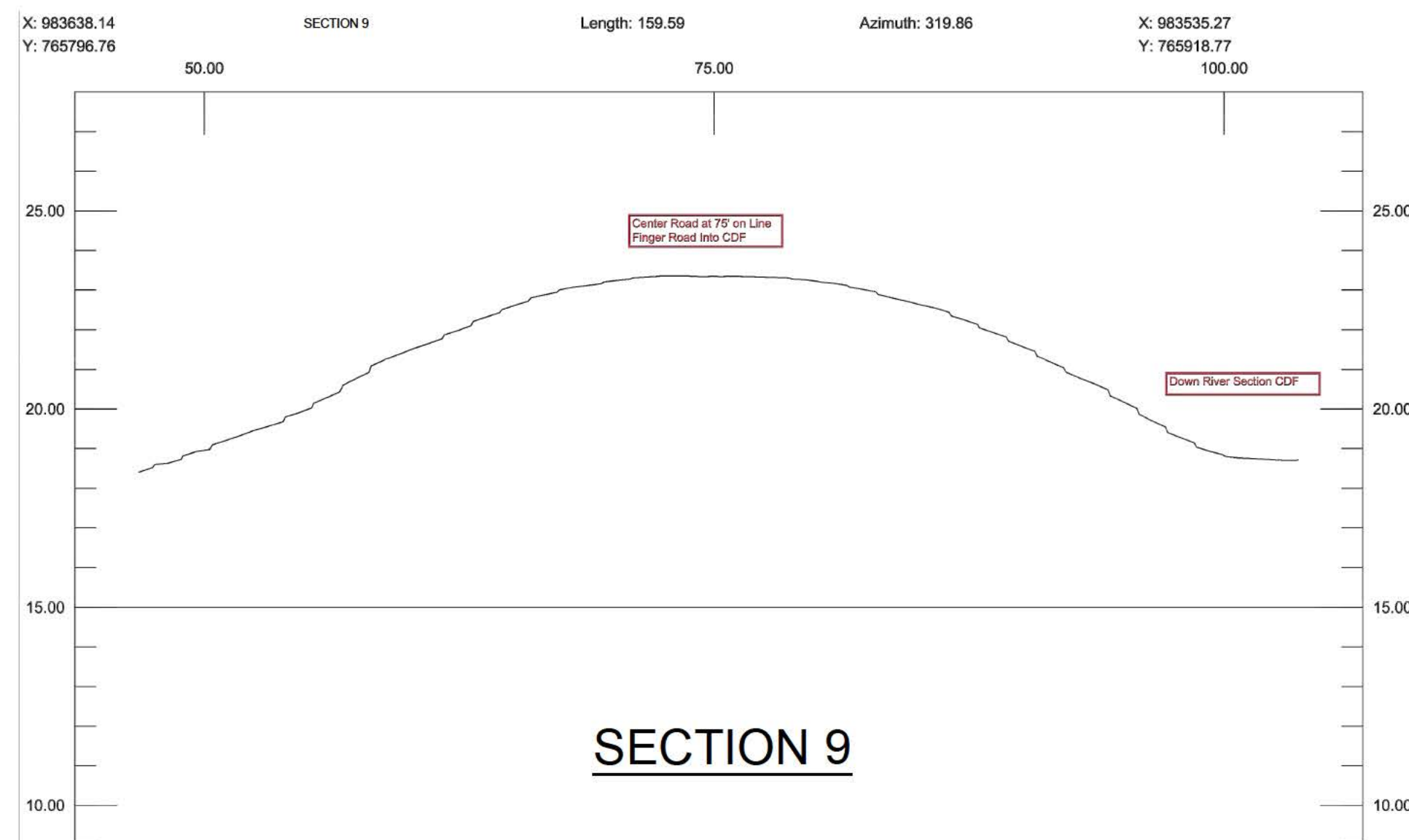
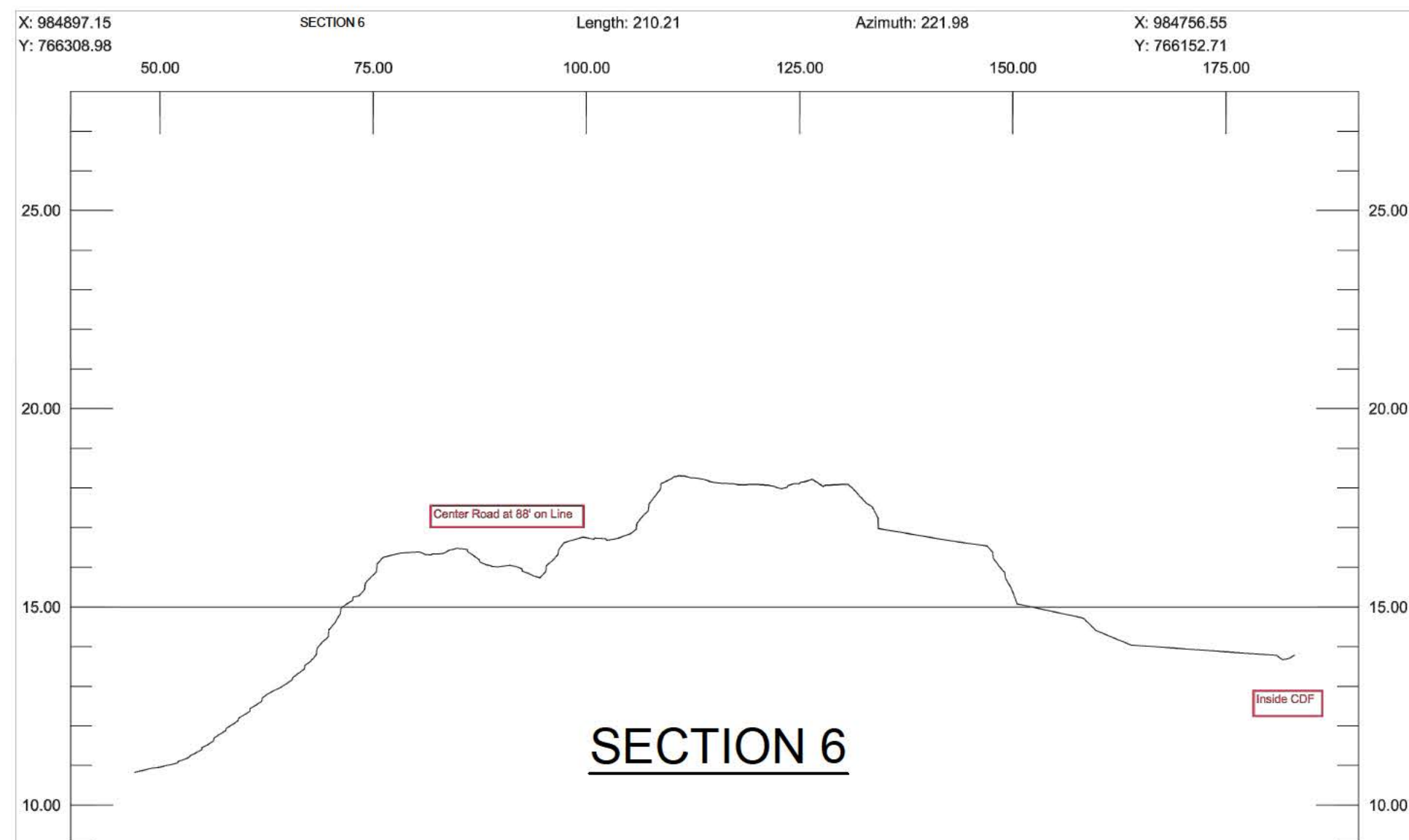
SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC

SAVANNAH DREDGING

DISPOSAL SITE CROSS SECTIONS 1

SCALE:	AS NOTED	DESIGN BY:	PB
DATE:	04/16/21	APPROVED BY:	MSH
PROJECT NO.:	2020610062.000	DRAWN BY:	FIC
SHEET NUMBER:	<b>GA-6</b>	CHECKED BY:	#
SHEET NO.:	SHTNO	OF TOT SH	
DRAWING FILE NO.:	GA-5 DIS... .DWG	REV. NO.:	0



**ISSUED FOR PERMIT**  
DATE: 04/16/21



SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

REV	DATE	DESCRIPTION	BY	CHKD	APD
0	04/16/21	ISSUED FOR PERMIT	PB	CKD	APD

SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC  
SAVANNAH DREDGING

SCALE: AS NOTED  
DATE: 04/16/21  
PROJECT NO: 2020610062.000  
SHEET NUMBER: **GA-7**  
BIT NO.: SHTNO of TOT SH  
DRAWING FILE NO.: GA-5 DIS... .DWG  
REV. NO.: 0

DISPOSAL SITE CROSS-SECTIONS 2

EROSION AND SEDIMENT CONTROL GENERAL NOTES

- LAND DISTURBING ACTIVITIES MUST BE MANAGED TO AVOID SEDIMENT RUN-OFF AND POLLUTION FROM CONSTRUCTION SITES
- WHERE PERMITTED LOCALLY BY BRUNSWICK COUNTY, AN EROSION AND SEDIMENT (E&S) PLAN WILL CONTAIN DETAILS AND GUIDANCE. E&S PLANS ARE PERFORMANCE BASED AND OFTEN REQUIRE ADJUSTMENTS OR REPAIRS.
- A STORMWATER PERMIT WILL REQUIRE SELF-MONITORING REPORTS (WEEKLY, >1" RAIN EVENT) OR SELF-INSPECTION REPORTS AFTER EACH CONSTRUCTION PHASE, BASED ON ELEMENTS OF THE E&S PLAN.
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS BY THE CONTRACTOR.
- THE MAXIMUM HEIGHT FOR STOCKPILES AREAS SHALL BE 35 FEET. THE MAXIMUM SIDE SLOPE FOR STOCKPILE AREAS SHALL NOT EXCEED 2:1.
- TIMBER LOG ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON-SITE. A STOCKPILE SHALL BE MAINTAINED ON-SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- CURLEX SEDIMENT LOG SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACED 6 FEET APART UNLESS A WIRE BACKING IS USED WITH 8 FOOT STAKE SPACING, OR BY APPROVED CONSTRUCTION DETAIL. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER FENCE.
- ANY FENCE OR SEDIMENT LOG SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.
- EROSION CONTROL BLANKETING SHALL BE INSTALLED ON ALL SLOPES 3H:1V OR STEEPER WITHIN 50 FEET OF A SURFACE WATER AND ON ALL OTHER DISTURBED AREAS SPECIFIED ON THE CONTRACT DOCUMENTS AND/OR DETAIL SHEETS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE OWNER AND REGULATORS.
- UNTIL THE SITE IS STABILIZED, ALL E&S BMPS SHALL BE MAINTAINED PROPERLY BY THE CONTRACTOR. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL E&S BMPS PRIOR TO ANY ANTICIPATED STORM EVENT, AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING, AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE OWNER AND REGULATORS SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES BY THE CONTRACTOR. THE REGULATORS MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST SEVEN (7) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE GEORGIA ONE CALL CENTER SHALL BE NOTIFIED FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE CONTRACT DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING BY THE PERMIT AUTHORITIES PRIOR TO IMPLEMENTATION.
- AREAS TO BE FILLED ARE TO BE CLEARED, CRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL, DEFINED BY THE CONTRACT SPECIFICATIONS.
- CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING, AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OF THE PROJECT UNTIL THE E&S BMPS SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE CONTRACT DOCUMENTS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- A LOG SHOWING DATES THAT E&S BMPS WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE BY THE CONTRACTOR AND BE MADE AVAILABLE TO THE PERMIT AUTHORITIES AT THE TIME OF INSPECTION.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
- FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS, DEFINED BY THE CONTRACT SPECIFICATIONS, THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.

- ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDED AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN ONE YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN ONE YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
- PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 80% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.
- E&S BMPS SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE ENGINEERING DEPARTMENT OF BRUNSWICK COUNTY AND NGC DEQ.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY E&S BMPS MUST BE REMOVED OR CONVERTED TO PERMANENT POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE E&S BMPS SHALL BE STABILIZED IMMEDIATELY, IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
- DURING CONSTRUCTION, THE SELECTED CONTRACTOR IS EXPECTED TO FOLLOW THE E&S PLAN APPROVED BY PERMIT AUTHORITIES. NO CHANGE OR DEVIATION FROM THE APPROVED E&S IS PERMITTED WITHOUT PRIOR APPROVAL FROM THE PERMIT AUTHORITIES.

COMPLIANCE WITH STATE AND LOCAL REQUIREMENTS

- A COPY OF THE APPROVED EROSION AND SEDIMENT POLLUTION CONTROL PLANS MUST BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES IN ACCORDANCE WITH STATE LAW.

MAINTENANCE PROGRAM FOR SEDIMENT AND EROSION CONTROLS

- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE, LESS THAN ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.
- ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT WILL BE PERIODICALLY TOP-DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL SPILLED, WASHED OR TRACKED ONTO THE CONSTRUCTION ENTRANCE OR ROADWAYS.
- SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET PROTECTION, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND HARDWARE CLOTH TO ALLOW PROPER DRAINAGE. SILT SACKS WILL BE EMPTIED ONCE A WEEK AND AFTER EVERY RAIN EVENT. SEDIMENT WILL BE REMOVED FROM AROUND WATTLES, BEAVER DAMN, DANDY SACKS AND SOCKS ONCE A WEEKS AND AFTER EVERY RAIN EVENT.
- DIVERSION DITCHES WILL BE CLEANED OUT IMMEDIATELY TO REMOVE SEDIMENT OR OBSTRUCTIONS FROM THE FLOW AREA. THE DIVERSION RIDGES WILL ALSO BE REPAIRED. SWALES MUST BE TEMPORARILY STABILIZED WITHIN 21 CALENDAR DAYS OF CEASE OF ANY PHASE OF ACTIVITY ASSOCIATED WITH A SWALE.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL. STAKE SPACING WILL BE 6 FEET MAX., WITH THE USE OF EXTRA STRENGTH FABRIC, WITHOUT WIRE BACKING. STAKE SPACING WILL BE 8 FEET MAX, WHEN STANDARD STRENGTH FABRIC AND WIRE BACKING ARE USED. IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE SEDIMENT FENCE THE ROCK WILL BE REPAIRED OR REPLACED IF IT BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.
- ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. ALL SLOPES WILL BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS.
- FLOCCULANTS WILL BE USED TO ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL FACILITIES DURING CONSTRUCTION. ALL DAMAGED FACILITIES WILL BE REPAIRED WITHIN 24 HOURS. THE CONTRACTOR WILL NOT REMOVE ANY CONTROL FACILITY UNTIL DIRECTED BY THE ENGINEER. MATERIALS USED FOR EROSION CONTROL WILL BE DISPOSED OF OFF-SITE WHEN REMOVED. SUCH MATERIALS ARE CONSIDERED PROPERTY OF THE CONTRACTOR.

TIMBER LOG ENTRANCE:

- THE STRUCTURE'S THICKNESS WILL BE CONSTANTLY MAINTAINED THROUGH OUT THE PROJECT TO ALLOW CONSTRUCTION VEHICLES TO TRAVERSE THE SITE APPROPRIATELY. REPLACE SUNKEN LOGS WITH NEW LOGS WHERE NECESSARY.

CURLEX SEDIMENT LOG:

- THE LOG INSTALLATION SHALL BE INSPECTED WEEKLY, BEFORE ANY ANTICIPATED PRECIPITATION EVENT, AND AFTER ALL PRECIPITATION EVENTS. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY.
- ACCUMULATED SEDIMENTS SHALL BE REMOVED AS REQUIRED TO KEEP THE SOCK FUNCTIONAL. IN ALL CASES REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 1/2 THE ABOVE-GROUND HEIGHT OF THE LOG.
- ALL UNDERCUTTING OR EROSION OF THE TOE ANCHOR WILL BE REPAIRED IMMEDIATELY WITH COMPACTED BACKFILL MATERIALS.

STANDARD SEQUENCE OF CONSTRUCTION NOTES

FOLLOWING IS A SCHEDULE OF EARTHMOVING/CONSTRUCTION ACTIVITIES AND INSTALLATION OF CONTROL MEASURES AND FACILITIES. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS. THEY SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS AND MAINTAINED AS INSTRUCTED ON THE DETAILS AND WITHIN THIS EROSION & SEDIMENTATION CONTROL PLAN.

ALL EXISTING DRAINAGE FACILITIES DIRECTLY UPSTREAM AND DOWNSTREAM OF THE PROJECT SITE WILL BE PROTECTED AND MAINTAINED. ALL EXISTING DRAINAGE FACILITIES WITHIN THE PROJECT LIMITS WILL BE PROTECTED DURING CONSTRUCTION AS OUTLINED IN THE E&S CONTROL PLANS. EXISTING SITE DRAINAGE WILL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION. EXISTING DRAINAGE FACILITIES ON THE SITE TO BE DEMOLISHED WILL BE REPLACED IN SEQUENCE AND CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DRAWINGS.

- PROVIDE WRITTEN NOTIFICATION (10 DAYS PRIOR TO ANTICIPATED START DATE) TO PERMIT AUTHORITIES THAT WORK IS SCHEDULED TO BEGIN, AT LEAST 7 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES. THE OWNER SHALL INVITE ALL CONTRACTORS INVOLVED IN THE PROPOSED ACTIVITIES, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENTATION CONTROL PLAN PREPARER, AND A REPRESENTATIVE OF THE PERMIT AUTHORITIES TO AN ON-SITE PRE-CONSTRUCTION MEETING.
- AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE GEORGIA ONE CALL SYSTEM FOR BURIED UTILITIES LOCATION.
- BEFORE IMPLEMENTING ANY REVISIONS TO THE APPROVED EROSION & SEDIMENTATION CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED EROSION & SEDIMENTATION CONTROL PLAN, THE OWNER MUST RECEIVE THE APPROVAL OF THE PERMIT AUTHORITIES. APPROVAL MUST ALSO BE RECEIVED BEFORE ANY CONSIDERABLE DEVIATIONS FROM THE APPROVED E&S PLAN ARE IMPLEMENTED. SHOULD THE CONTRACTOR WISH TO IMPLEMENT CHANGES, THE CONTRACTOR MUST PREPARE REVISED E&S PLANS FOR REVIEW AND APPROVAL BY THE OWNER/ENGINEER AND THEN SUBMIT TO APPROPRIATE AGENCIES FOR REGULATORY APPROVAL.
- THE CONTRACTOR IS ADVISED THAT THE OWNER HAS DETERMINED THAT ALL EXCAVATED MATERIALS ARE TO REMAIN ON-SITE.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT INSPECTIONS COORDINATOR OF THE PERMIT AUTHORITIES FOR A FINAL INSPECTION PRIOR TO REMOVAL/CONVERSION OF THE E&S BMPS.
- AS SOON AS SLOPES, CHANNELS, DITCHES, AND OTHER DISTURBED AREAS REACH FINAL GRADE, THEY MUST BE STABILIZED. CESSATION OF ACTIVITY FOR FOUR (4) DAYS OR LONGER REQUIRES TEMPORARY STABILIZATION.
- WATER PUMPED FROM WORK AREAS SHOULD BE TREATED FOR SEDIMENT REMOVAL PRIOR TO DISCHARGING TO A "SURFACE WATER"(WHEN APPLICABLE).

CONSTRUCTION SEQUENCE

- SEE NOTES ABOVE ABOUT STANDARD START OF CONSTRUCTION ACTIVITIES.
- PRIOR TO DREDGING ACTIVITIES, INSTALL FULL TIMBER MATTING IN APPROPRIATE LOCATIONS.
- INSTALL ROCK FILTER OUTLET AROUND EXISTING WEIR STRUCTURES.
- INSTALL CURLEX FILTER SOCK ALONG BERM EASTERN EDGE OF THE CONFINED DREDGE FACILITY (CDF) PARALLEL TO THE DREDGE DRAINAGE PIPE TO THE EAST OF THE DISCHARGE PIPE.
- PERFORM DREDGING ACTIVITIES AS DIRECTED IN NOTES 7 AND 8 OF THE E&S PLAN, C-2.
- PERFORM GRADING ACTIVITIES AS NECESSARY DURING THE DREDGING PROCESS.
- UPON COMPLETION OF DREDGING AND GRADING ACTIVITIES, STABILIZE SITE AS NOTED IN C-4 NCG01 GROUND STABILIZATION AND MATERIALS HANDLING.
- SEED THE SITE WHEREVER GROUND COVER IS DISTURBED. USE THE TEMPORARY SEEDING NOTES FOUND ON C-4.
- UPON SITE STABILIZATION, REMOVE E&S MEASURES, REMOVE ROCK FILTER OUTLET LAST.



SEAL

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE	BY	DESCRIPTION
04/16/21	JAB	ISSUED FOR PERMIT
	CKD	APD
	JAB	BY

SAVANNAH, GA

GOLD BOND BUILDING PRODUCTS, LLC

SAVANNAH DREDGING

E&S CONTROL NOTES

SCALE: AS NOTED

DESIGN BY: JAB

APPROVED BY: MF

DATE: 04/16/21

DRAWN BY: FIC

CHECKED BY: JB

PROJECT NO: 2020610062.000

SHEET NUMBER: C-1

SHEET NO. OF TOT SH

DRAWING FILE NO. C-1 E&S ... DWG

REV. NO. NO.

JOINT APPLICATION  
FOR  
A DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS PERMIT,  
STATE OF GEORGIA MARSHLAND PROTECTION PERMIT,  
REVOCABLE LICENSE AGREEMENT  
AND REQUEST FOR  
WATER QUALITY CERTIFICATION  
AS APPLICABLE

INSTRUCTIONS FOR SUBMITTING APPLICATION:

Every Applicant is Responsible to Complete The Permit Application and Submit as Follows: One copy each of application, location map, drawings, copy of deed and any other supporting information to addresses 1, 2, and 3 below. If water quality certification is required, send only application, location map and drawing to address No. 4.

1. For Department of the Army Permit, mail to: Commander, Savannah District, US Army Corps of Engineers, ATTN: CESAS-RD, 100 W. Oglethorpe Avenue, Savannah, Georgia 31401-3640. Phone (912) 652-5347 and/or toll free, Nationwide 1-800-448-2402.

2. For State Permit - State of Georgia (six coastal counties only) mail to: Habitat Management Program, Coastal Resources Division, Georgia Department of Natural Resources, 1 Conservation Way, Brunswick, Georgia 31523. Phone (912) 264-7218.

3. For Revocable License - State of Georgia (six coastal counties plus Effingham, Long, Wayne, Brantley and Charlton counties only) - Request must have State of Georgia's assent or a waiver authorizing the use of State owned lands. All applications for dock permits in the coastal counties or for docks located in tidally influenced waters in the counties listed above need to be submitted to Real Estate Unit. In addition to instructions above, you must send two signed form letters regarding revocable license agreement to: Ecological Services Coastal Resources Division, Georgia Department of Natural Resources, 1 Conservation Way, Brunswick, Georgia 31523. Phone (912) 264-7218.

4. For Water Quality Certification State of Georgia, mail to: Water Protection Branch, Environmental Protection Division, Georgia Department of Natural Resources, 4220 International Parkway, Suite 101, Atlanta, Georgia 30354 (404) 675-1631.

The application must be signed by the person authorized to undertake the proposed activity. The applicant must be the owner of the property or be the lessee or have the authority to perform the activity requested. Evidence of the above may be furnished by copy of the deed or other instrument as may be appropriate. The application may be signed by a duly authorized agent if accompanied by a statement from the applicant designating the agent. See item 6, page 2.

- 1. Application No. \_\_\_\_\_
- 2. Date \_\_\_\_\_
- 3. For Official Use Only \_\_\_\_\_
- 4. Name and address of applicant. Gold Bond Building Products, LLC, 2001 Rexford Rd, NC 28211
- 5. Location where the proposed activity exists or will occur.

Lat. 32.115513 Long. -81.129212

<b>Chatham</b>	<b>Savannah</b>	<b>Savannah</b>
County	Military District	In City or Town
<b>Savannah</b>	<b>N/A</b>	<b>1062101001</b>
Near City or Town	Subdivision	Lot No.
<b>47.34 acres</b>	<b>0</b>	<b>GA</b>
Lot Size	Approximate Elevation of Lo	State
<b>Savannah River</b>	<b>N/A</b> <small>Savannah Riv</small> <b>N/A</b>	<b>N/A</b>
Name of Waterway	Name of Nearest Creek, River, Sound,	Bay or Hammock

6. Name, address and title of applicant's authorized agent for permit application coordination.

Jennifer L. Waters, PE  
530 Walnut Street, Philadelphia, PA 19440

Statement of Authorization: I hereby designate and authorize the above named person to act in my behalf as my agent in the processing of this permit application and to furnish, upon request, supplemental information in support of this application.

  
Signature of Applicant

4/21/21

Date

7. Describe the proposed activity, its purpose and intended use, including a description of the type of structures, if any to be erected on fills, piles, of float-supported platforms, and the type, composition and quantity of materials to be discharged or dumped and means of conveyance. If more space is needed, use remarks section on page 4 or add a supplemental sheet. (See Part III of the Guide for additional information required for certain activities.)

The proposed project includes maintenance dredging at Gold Bond Building Products' (formerly National Gypsum) Savannah commercial berth facility (~700' x 120') to a depth of -36' MLW and -2 feet overdredge in order to continue operations at their Savannah Facility. This project consists of dredging approximately 12,000 cubic yards (~6,000 cy from dredging material and ~4,000 cy from overdredge) of sand, silt, and clay from the navigable waters of the United States. Refer to the calculated dredge volumes on Design Plan Sheet GA-2.

The proposed dredging will be performed via hydraulic dredging, mechanical dredging, and agitation dredging (or a combination of these methods). Mechanical dredging is only proposed where material is too stiff to be removed by hydraulic or agitation dredging methods. The hydraulically dredged material will be disposed at the Georgia Port Authority Hutchinson Tract B confined disposal facility (CDF).

This project is considered maintenance dredging since the berthing area was dredged in the past. No portion of this maintenance dredging project has been completed yet. The proposed dredging will not change the use of the site.

8. Proposed use: Private  Public  Commercial  Other  (Explain)

The use of Gold Bond Building Products' Savannah facility will not change; the project is limited to maintenance dredging.

9. Names and addresses of adjoining property owners whose property also adjoins the waterway.

1 16 Foundation Rd. Southern Region Industrial Realty Inc. c/o Norfolk Southern Tax Dept. 3, Commercial PI Unit, Norfolk, VA 23510 2 1 Brampton Rd. Building Materials Manufacturing Corp. Attn: Tax Dept. 1 Campus Drive, Parsippany, NJ 07054

10. Date activity is proposed to commence. October 2021  
Date activity is expected to be completed. February 2022

11. Is any portion of the activity for which authorization is sought now complete  Y  N

a. If answer is "Yes", give reasons in the remarks in the remarks section. Indicate the existing work on the drawings.

b. If the fill or work is existing, indicate date of commencement and completion.  
N/A

c. If not completed, indicate percentage completed.  
0%

12. List of approvals or certifications required by other Federal, State or local agencies for any structures, construction discharges, deposits or other activities described in this application. Please show zoning approval or status of zoning for this project.

<u>Issuing Agency</u>	<u>Type Approval</u>	<u>Identification No.</u>	<u>Date/Application</u>	<u>Date/Approval</u>
Georgia Dept. of Natural Resources	Water Quality Cert	990012780	July 16, 1999	November 22, 2000
USACE	Dept. Army Permit	990012780	July 16, 1999	February 7, 2001



13. Has any agency denied approval for the activity described herein or for any activity directly related to the activity described herein?  
 Yes  NO (If "yes", explain).

N/A

Note: Items 14 and 15 are to be completed if you want to bulkhead, dredge or fill.

14. Description of operation: (If feasible, this information should be shown on the drawing).

a. Purpose of excavation or fill Maintenance dredging

1. Access channel length N/A depth N/A width N/A

2. Boat basin length N/A depth N/A width N/A

3. Fill area length N/A depth N/A width N/A

4. Other Berth length 700 depth 28 width 120

(Note: If channel, give reasons for need of dimensions listed above.)

b. If bulkhead, give dimensions N/A

-- Type of bulkhead construction (material) N/A

1. Backfill required: Yes \_\_\_\_\_ No X Cubic yards \_\_\_\_\_

2. Where obtained N/A

c. Excavated material

1. Cubic yards 12,000

2. Type of material silt, clay, sand

15. Type of construction equipment to be used mechanical clamshell dredge, hydraulic dredge, agitation dredge

a. Does the area to be excavated include any wetland? Yes  No

b. Does the disposal area contain any wetland? Yes  No

c. Location of disposal area Hutchinson Island Tract B (Parcel 1053901001)

d. Maintenance dredging, estimated amounts, frequency, and disposal sites to be utilized: Anticipated maintenance dredging <5,000 every 3 years via agitation dredging (no disposal site)

e. Will dredged material be entrapped or encased? Yes: mechanically & hydraulically dredged material.

f. Will wetlands be crossed in transporting equipment to project site? No

g. Present rate of shoreline erosion (if known) unknown

16. Description of Avoidance, Minimization and Compensation: Provide a brief explanation describing how impacts to waters of the United States are being avoided and minimized on the project site. Also, provide a brief description of how impacts to waters of the United States will be compensated for, or a brief statement explaining why compensatory mitigation should not be required for those impacts.

17. Water Quality Certification: In some cases, Federal law requires that a Water Quality Certification from the State of Georgia be obtained prior to issuance of a Federal license or permit. Applicability of this requirement to any specific project is determined by the permitting Federal agency. The information requested below is generally sufficient for the Georgia Environmental Protection Division to issue such a certification if required. Any item, which is not applicable to a specific project, should be so marked. Additional information will be requested if needed.


a. Please submit the following:

1. A plan showing the location and size of any facility, existing or proposed, for handling any sanitary or industrial waste waters generally on your property. The proposed project is limited to maintenance dredging and will not involve sanitary or industrial waste waters.
2. A plan of the existing or proposed project and your adjacent property for which permits are being requested. Refer to Attachment 1: USGS Map
3. A plan showing the location of all points where petro-chemical products (gasoline, oils, cleaners) used and stored. Any aboveground storage areas must be diked, and there should be no storm drain catch basins within the dike areas. All valving arrangements on any petro-chemical transfer lines should be shown. The proposed project is limited to maintenance dredging and will not involve petro-chemical products.
4. A contingency plan delineating action to be taken by you in the event of spillage of petro-chemical products or other materials from your operation. The proposed project is limited to maintenance dredging and will not involve petro-chemical or other products.
5. Plan and profile drawings showing limits of areas to be dredged, areas to be used for placement of spoil, locations of any dikes to be constructed showing locations of any weir(s), and typical cross sections of the dikes. Refer to Attachment 2: Dredge Plans

b. Please provide the following statements: Refer to Attachment 3: JPA Statements

1. A statement that all activities will be performed in a manner to minimize turbidity in the stream.
2. A statement that there will be no oils or other pollutants released from the proposed activities which will reach the stream.
3. A statement that all work performed during construction will be done in a manner to prevent interference with any legitimate water uses.

18. Application is hereby made for a permit or permits to authorize the activities described herein; Water Quality Certification from the Georgia Environmental Protection Division is also requested if needed. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities.

  
\_\_\_\_\_  
Signature of Applicant

19. U.S.C. Section 1001 provides that: Whoever, in any matter within the jurisdiction of any department or agency of the United States, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations, or makes or uses false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined no more than \$10,000 or imprisoned not more than 5 years or both.

#### PRIVACY ACT NOTICE

The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act and Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972. These laws require permits authorizing structures and work in or affecting navigable waters of the United States, the discharge of dredged or fills material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Information provided will be used in evaluating the application for a permit. Information in the application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary; however, the data requested are necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

#### SUPPORTING REMARKS:

##### Attachments

- Attachment 1: USGS Map
- Attachment 2: Design Plans
- Attachment 3: JPA Statements
- Attachment 4: Deed & Change of Entity Name Letter