This notice of authorization must be conspicuously displayed at the site of work.

United States Army Corps of Engineers

2006

A permit to annually maintenance dredge approximately 800,000 cubic yards of material from navigable waters of the US.

at Kings Bay Naval Submarine Base, approximately 3 miles north of St. Marys, in Camden County, Georgia.

has been issued to Kings Bay Naval Base on 22 SEP 2006

Address of Permittee 1063 USS Tennessee Ave., Kings Bay, Georgia 31547

Permit Number

200501790

District Commander
Mark S. Held
Colonel, US ARMY

ENG FORM 4336, Jul 81 (33 CFR 320-330) EDITION OF JUL 70 MAY BE USED (Proponent CECW-O)
☆ U.S. GPO: 1999-742-712

DEPARTMENT OF THE ARMY PERMIT

PERMITTEE: Kings Bay Naval Base

PERMIT NUMBER: 200501790

ISSUING OFFICE:

Savannah District
US Army Corps of Engineers
Post Office Box 889
Savannah, Georgia 31402-0889

NOTE: The term "you" and its derivatives used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate District or Division office of the US Army Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

PROJECT DESCRIPTION: To annually maintenance dredge approximately 800,000 cubic yards of material from navigable waters of the United States. Maintenance dredging is authorized in approximately 11,200 feet of channels, turning basins and berths; approximately 27,000 feet of navigation channel in Cumberland Sound; and approximately 10,000 feet of navigation channel in the Saint Marys River. Material dredged from the inner harbor and upper access channel will be removed by hydraulic or clam shell dredge, and would be placed in one or more of the following "Approved Confined Upland Disposal Facilities (CDFs)": Big Crab Island; Mainside; DA1; or DA2. The maximum authorized dimensions (i.e. lengths, widths and depths) of the areas that will be annually maintenance dredged are as follows:

a. Navigation Channels. Depths include 2' of allowable overdredge depth and all depths from Mean Low Water (MLW).

Stations	Width	Depth	Location
48+220 to 39+600	500	-49' MLW	Kings Bay
39+600 to 37+000	500	-46' MLW	Kings Bay
37+000 to 30+000	500	-46' MLW	Cumberland Sound (upper)
30+000 to 00+000	500	-46' MLW	Cumberland Sound (lower)

b. Turning Basins. The upper turning basin is located between Stations 48+390 and 46+400, and the lower turning basin is located between Stations 43+600 and 39+750.

c. Berths and Other Facilities. The following depths include 2' of allowable overdredge depth:

(1) Dry Dock Caisson Gate Mooring Facility (Sta 48+220), Length: 120', Width: 24', Depth: -46' MLW.

(2) Dry Dock Caisson Gate Sill, Length: 120', Width: 75', Depth: -47' MLW.

(3) TRS Basin Trench (Sta 47+270 to 47+545), Width: 83', Depth: -55' MLW.

(4) Refit Wharves (Sta 45+900 to 48+220), Depth -49' MLW.

(5) Small Boat Basin (Sta 43+500 to 45+250), Depth: -26' MLW.

(6) Explosive Handling Wharves (Sta 41+300 to 43+350), Width: 86', Depth: -49' MLW.

(7) Site 6 Operational Area (ARDM, Warrior Wharf, Tender Area (old name)):

(i) ARDM Basin (Sta 35+970 to 36+690), Width: 100', Depth -56' MLW.

(ii) Warrior Wharf (Sta 34+340 to 36+585), Depth: -47' MLW.

(iii) Tender Area (Sta 36+750 to 39+365), Depth: -41' MLW.

(8) Magnetic Silencing Facility (MSF):

(i) MSF Operating Basin (Sta 35+100 to Sta 30+500), Depth: -46' MLW.

(ii) MSF (Sta 32+100 to 32+900), 750' x 200', Depth: -46' MLW

(iii) MSF Boat Ramp Channel, Depth: -14' MLW.

The project will also require incidental movement of up to 25 cubic yards of material associated with maintenance of the turbo scour system at the MSF. Use of an air jet, eductor, or similar device will also be used to force small amounts of accumulated sediments into the water column on ebb tides for the purpose of removing sediments from drydock gate sills or from areas with sensitive equipment. This activity will be performed by divers using hand-held air jets. A single sediment removal event will be limited to a maximum of 25 cubic yards of material. Not more than a cumulative total of 200 cubic yards of material will be removed annually from both the Dry Dock Caisson Gate Berthing Facility/Caisson Gate Sill Area and the MSF. Air jetting by divers will only be used when other methods are not practicable.

Diver-operated, hand-held, non-cutterhead hydraulic dredging will also be utilized with initial disposal of dredged material in a containment barge. This method of dredging will be authorized to remove sediments from small areas with sensitive equipment where more than 25 cubic yards of material requires removal. This technique will be used to annually remove no more than 1000 cubic yards of material. Diver operated dredging equipment will be used to pump a slurry into

the containment barge. Once the containment barge is filled, dredging operations will stop for a minimum of 8 hours before supernatant water is pumped from the barge back into the waterway. Filter fabric will be used in such a manner to limit levels of suspended solids that are pumped from the barge into the waterway. Dewatered sediments remaining in the barge will be mechanically removed and beneficially reused or placed in a CDF.

PROJECT LOCATION: The project site is located at the Kings Bay Naval Submarine Base, in the general vicinity of latitude 30° 47' 34.65" north and longitude 81° 30' 1.42" west, approximately 3 miles north of Saint Marys, in Camden County, Georgia. The various locations of activities are described below:

Kings Bay entrance channel from the mouth of the Saint Marys River at Station 00+000, northwest through Cumberland Sound to the head of the channel at Station 37+000; Kings Bay Harbor beginning at Station 37+000 and extending west to Station 48+220; and all berthing and maintenance facilities located in Kings Bay harbor.

Approved Confined Upland Disposal Facilities (CDFs) include: Big Crab Island which is located on the east side of Kings Bay harbor; and Mainside, DA-1 and DA-2 which are located on the west side of Kings Bay harbor.

PERMIT CONDITIONS:

General Conditions.

1. The time limit for completing the work authorized by this Individual Permit ends on August 31, 2011. If you find that you need more time to complete the authorized activity, you must submit a request for your permit extension at least one month prior to the above date.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned Water Quality Certification has been issued for your project, you must comply with conditions specified in the certification as Special Conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions.

1. That the work will be accomplished in accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit:

a. Vicinity and Project Location Map

b. Kings Bay Channel and Harbor, Sheet 1

c. Typical Dredging Sections, Sheet 2

d. Typical Dredging Sections, Sheet 2a

e. Typical Dredging Sections, Sheet 2b

f. Kings Bay Harbor, Sheet 3

g. Kings Bay Harbor, Sheet 4

h. Kings Bay Harbor, Sheet 5

i. Kings Bay Channel, Sheet 6

j. Kings Bay Channel, Sheet 7

k. Kings Bay Channel, Sheet 8

l. Kings Bay Channel, Sheet 9

m. Kings Bay Channel, Sheet 10

2. The permittee shall comply with State of Georgia, Department of Natural Resources, Environmental Protection Division Water Quality Certification (copy attached), issued pursuant to Section 401 of the Clean Water Act.

3. That use of the permitted activity must not interfere with the public's right to free navigation on the Saint Marys River, Cumberland Sound or the Intracoastal Waterway (AIWW).

4. The permittee shall inspect the "Approved Confined Upland Disposal Facilities (CDF)," prior to deposition of any dredged material into the area, to insure that all berms, embankments and weirs are in satisfactory condition.

5. The permittee shall repair any breeches in CDF dikes prior to discharging any dredged material, and maintain dikes in good condition throughout the period of discharge and until the dredged material has settled and stabilized.

6. This permit does not authorize the permittee to interfere with any existing or proposed Federal Project and the permittee shall not be entitled to compensation for damage or injury to the structures or work authorized herein which may be caused by operations undertaken by the United States.

7. The permittee shall maintain a permanent record of the date of each air jet/eductor event and an estimate of the volume of sediment moved during each event. Visual estimates of the volume of sediment moved are acceptable. The permittee shall provide a copy of the permanent record to this office upon request.

8. The permittee shall maintain a permanent record of each use of a small hand-held hydraulic dredge with discharge into a containment barge. In addition, the permittee shall record an estimate of the volume of sediment removed during each event. Visual estimates of the volume of sediment removed are acceptable. The permittee shall provide a copy of the permanent record to this office upon request.

9. A complete copy of this permit, including its drawings, special conditions and any amendments shall be maintained at the work site whenever work is begin performed. The permittee shall assure that all contractors, subcontractors and other personnel performing the permitted work are fully aware of the permit's terms and conditions.

10. Water quality data will be taken on a weekly basis when controlled releases occur from CDFs during dredged material disposal management operations. Data will include salinity (ppt), pH, dissolved oxygen (mg/l and salinity corrected), total suspended solids (TSS) (mg/l), date, time, and flow. The above data will be taken at the outfall of each weir from which there is a discharge. Should any effluent exceeding 1 cubic foot per second appear to violate a state standard, resampling will occur at the end of a mixing zone in the receiving water (generally 100 feet downcurrent from the point at which the effluent enters the receiving water) to determine if a violation of state standards is occurring. If a violation in the receiving water is found to be occurring, management actions will be taken to correct the violation. Where the violation can not be corrected, the permittee must contact the Savannah District Corps of Engineers, Regulatory Branch, for further direction.

Current Georgia State Standards are as follows:

Dissolved oxygen*	3.0 mg/l	June – October
Dissolved oxygen	3.5 mg/l	May and November
Dissolved oxygen	4.0 mg/l	December – April
pH	6.0 – 8.5	All year

*Minimum instantaneous concentration throughout the water column.

The State of Georgia does not currently have a numeric TSS standard, but has a qualitative standard that prohibits discharges which produce conditions that interfere with the receiving water's classified use. The District has adopted a TSS standard of 500 mg/l, based on published no-effects criteria. CDF effluent must be managed to ensure compliance with this standard. Also in accordance with District policy, the permittee may develop a correlation between effluent TSS and NTUs, and accomplish routine TSS monitoring through determination of NTUs in the effluent.

11. The permittee shall insure that the following "Standard Manatee Conditions" are implemented:

a. The permittee shall insure that all personnel associated with the project will be advised that there are civil and criminal penalties for harming, harassing or killing manatees which are protected under the Endangered Species Act of 1973 and the Marine Mammal Act of 1972. The permittee and/or contractor will be held responsible for any manatee harmed, harassed or killed as a result of construction activities.

b. Siltation barriers will be made of material in which manatees cannot become entangled, are properly secured, and are regularly monitored to avoid manatee entrapment. Barriers must not block manatee entry to or exit from essential habitat.

c. All vessels associated with the project will operate at "no wake/idle" speeds at all times while in water where the draft of the vessel provides less than four feet clearance from the bottom and that vessels will follow routes of deep water whenever possible.

d. All construction/dredging activities in open water will cease upon the sighting of manatees within 100 yards of the project area. Construction/dredging activities will not resume until the manatees have not been seen in the project area for at least 30 minutes.

e. The permittee shall immediately report any collision with a manatee to the Corps of Engineers (912-652-5058), the U.S. Fish and Wildlife Service, Brunswick Field Office (912-265-9336), and Georgia Department of Natural Resources (Weekdays 8:00 a.m. to 4:30 p.m.: 912-264-7218 or 1-800-272-8363; nights and weekends: 1-800-241-4113).

f. The permittee shall install and maintain a minimum of two 3-feet by 4-feet temporary manatee awareness construction signs labeled "Manatee Habitat - Idle Speed In Construction Area," at prominent locations within the work area prior to the initiation of any work. One temporary sign will be located prominently adjacent to the permit tag and, if required, a second temporary construction sign will be installed in a location prominently visible to water related construction crews. Temporary construction signs will be removed by the permittee upon completion of construction.

g. The permittee shall insure that the contractor keeps a log detailing sightings, collisions, or injury to manatees which have occurred during the contract period.

h. Following project completion, the permittee shall submit a report summarizing the above incidents and sightings to the U.S. Fish and Wildlife Service, 4270 Norwich Street, Brunswick, Georgia 31520.

i. The permittee shall insure that contract personnel are made aware of and take special caution when dredging in Kings Bay Harbor, near the manatee travel corridor between Crab Island and the mainland freshwater seep area, as depicted by the enclosed diagram. In addition the permittee shall insure that appropriate manatee awareness signs are posted in this area and, if necessary extra observers are stationed on the dredge when operation in this area.

FURTHER INFORMATION:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

2. Limits of this Authorization.

a. This permit does not obviate the need to obtain other federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7, or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order which requires you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate.

d. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the US Army Corps of Engineers will normally give favorable consideration to a request for an extension of time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE) (DATE)

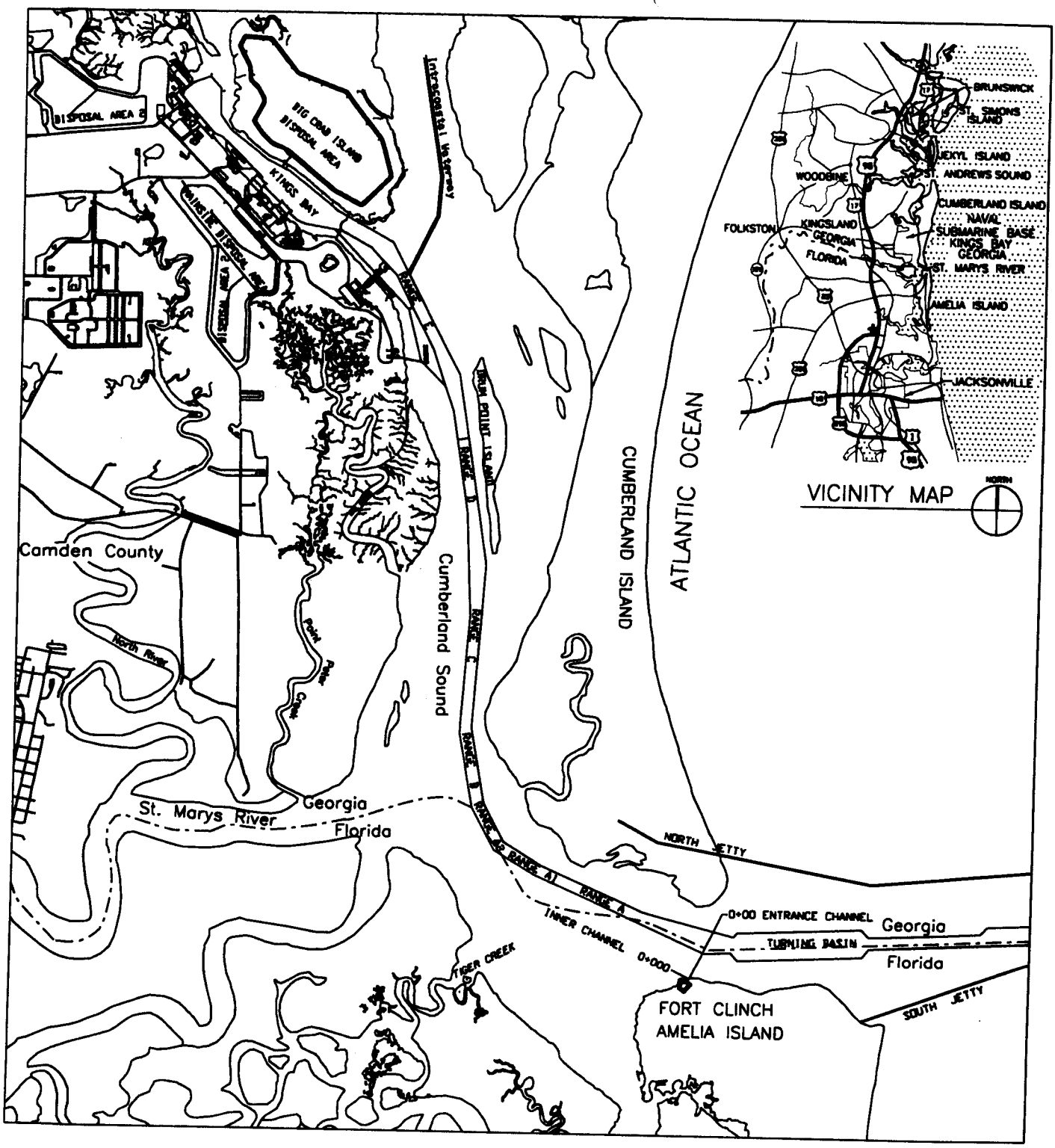
This permit becomes effective when the federal official, designated to act for the Secretary of the Army, has signed below.

22 SEP 06
(DATE)

Issued for and in behalf of:
Mark S. Held
Colonel, US Army
District Commander

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities with compliance with its terms and conditions, have the transferee sign and date below.

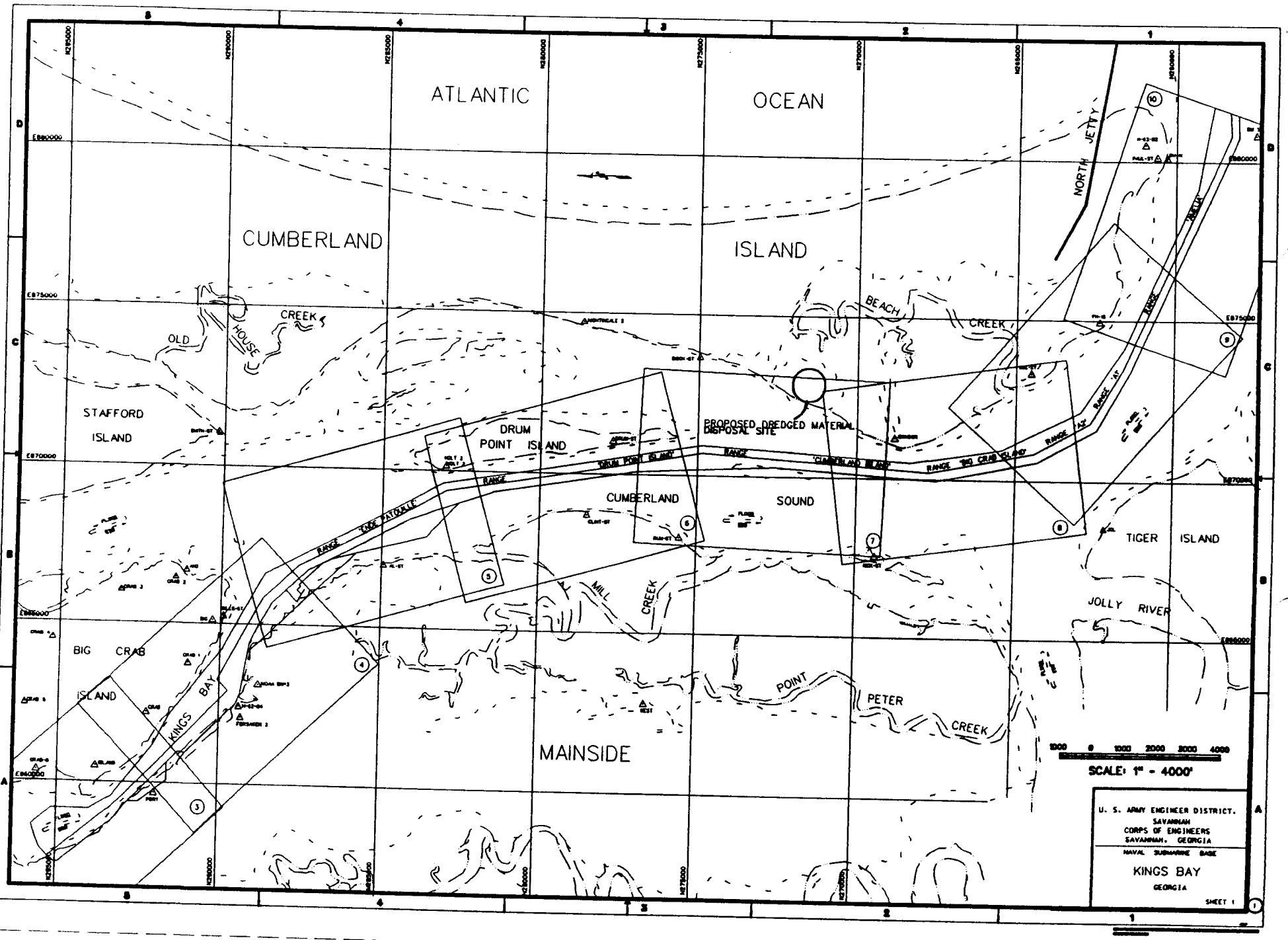
(TRANSFEREE) (DATE)

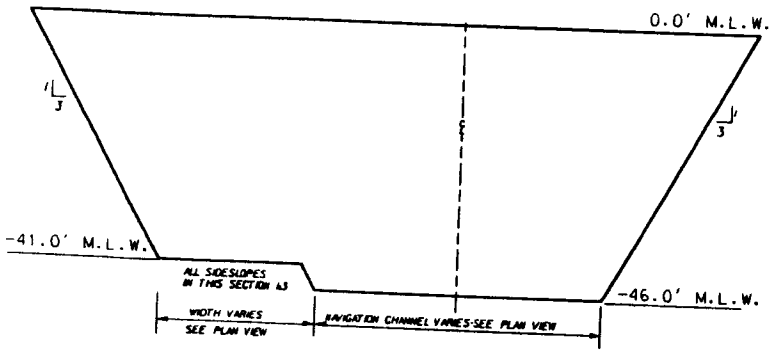


NAVAL SUBMARINE BASE KINGS BAY
MAINTENANCE DREDGING
LOCATION MAP
AND
VICINITY MAP

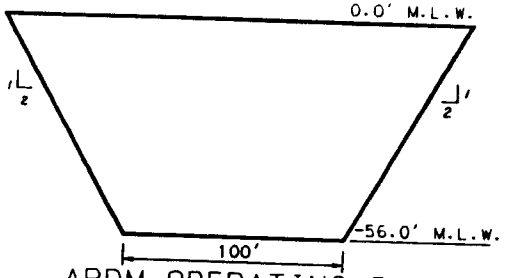
0 2000 4000 6000

1" = 6,000'

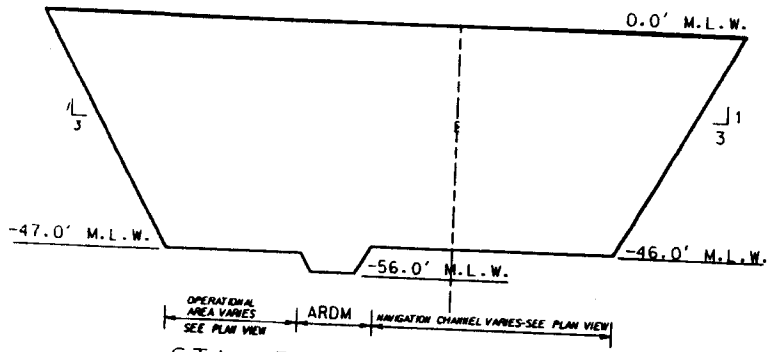

ATLANTIC
OCEAN
CUMBERLAND
ISLAND
NORTH JETTY
BEACH
CREEK
OLD
HOUSE
CREEK
STAFFORD
ISLAND
DRUM
POINT ISLAND
PROPOSED DREDGED MATERIAL
DISPOSAL SITE
RANGE
CUMBERLAND
SOUND
TIGER ISLAND
MILL
CREEK
JOLLY RIVER
BIG CRAB
ISLAND
KINGS BAY
POINT PETER
CREEK
MAINSIDE
1000 0 1000 2000 3000 4000
SCALE: 1" = 4000'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 1



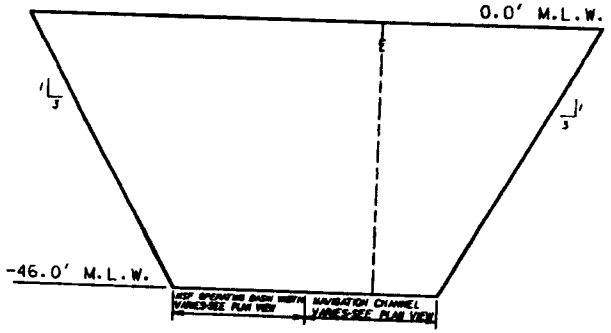
STA. 36+750 TO 39+365
TRIDENT NAVIGATION CHANNEL
AND SITE SIX/LAYBERTH OPERATING BASIN
NOT TO SCALE



ARDM OPERATING BASIN
STA. 35+970 TO 36+690
NOT TO SCALE



STA. 34+340 TO 36+585
ARDM STA. 35+970 TO 36+690 ONLY
TRIDENT NAVIGATION CHANNEL
AND SITE SIX/LAYBERTH OPERATING BASIN
NOT TO SCALE

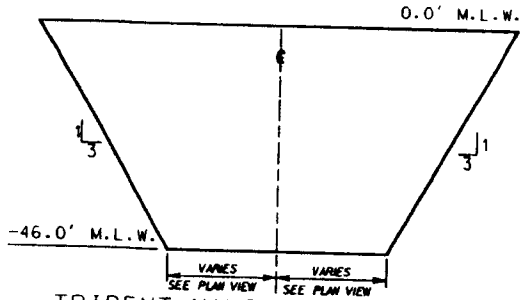


TRIDENT NAVIGATION CHANNEL
AND MAGNETIC SILENCING FACILITY
STA. 30+500 TO 34+350
NOT TO SCALE

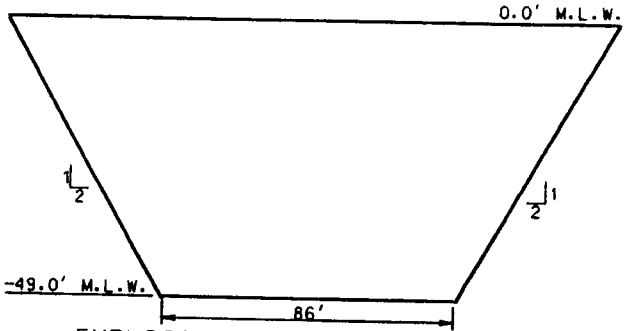
U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY GEORGIA

TYPICAL DREDGING SECTIONS

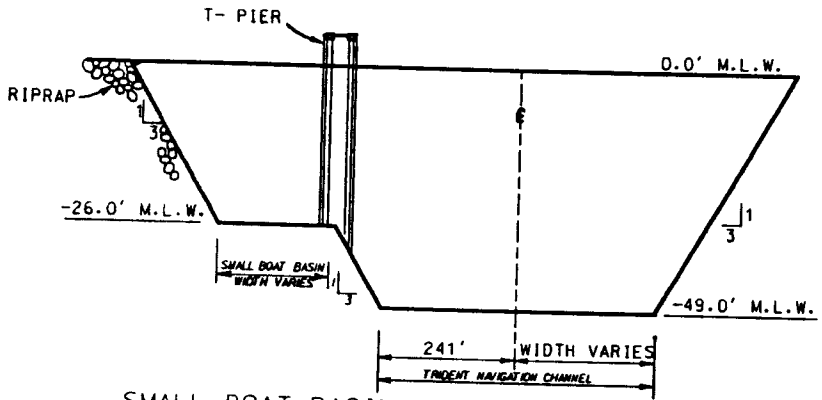
SHEET 2



TRIDENT NAVIGATION CHANNEL
STA. 0+000 TO 39+600
NOT TO SCALE



EXPLOSIVES HANDLING WHARVES (EHW)
STA. 41+300 TO 43+350
NOT TO SCALE

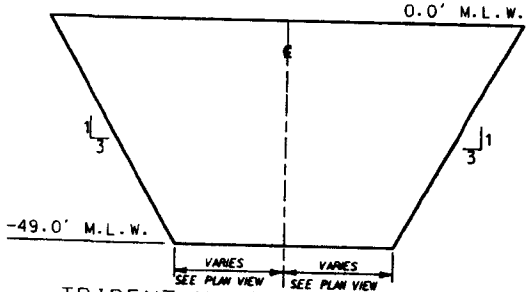


SMALL BOAT BASIN AND TRIDENT NAVIGATION CHANNEL
STA. 43+530 TO 45+250
NOT TO SCALE

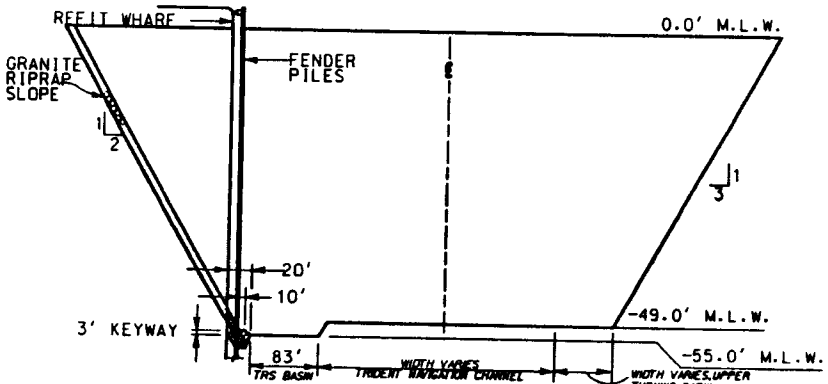
U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY GEORGIA

TYPICAL DREDGING SECTIONS

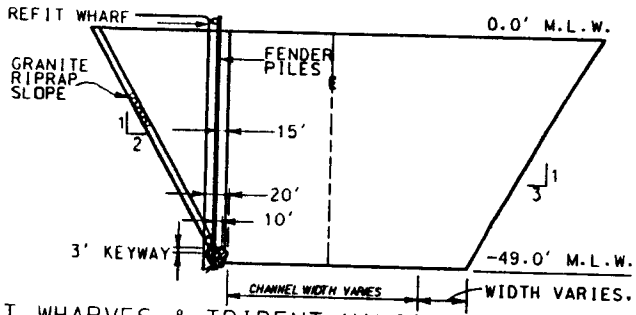
SHEET 2a



TRIDENT NAVIGATION CHANNEL
STA. 39+600 TO 45+900
NOT TO SCALE



TRS BASIN TRENCH & TRIDENT NAVIGATION
CHANNEL & UPPER TURNING BASIN
STA. 47+270 TO 47+545
NOT TO SCALE

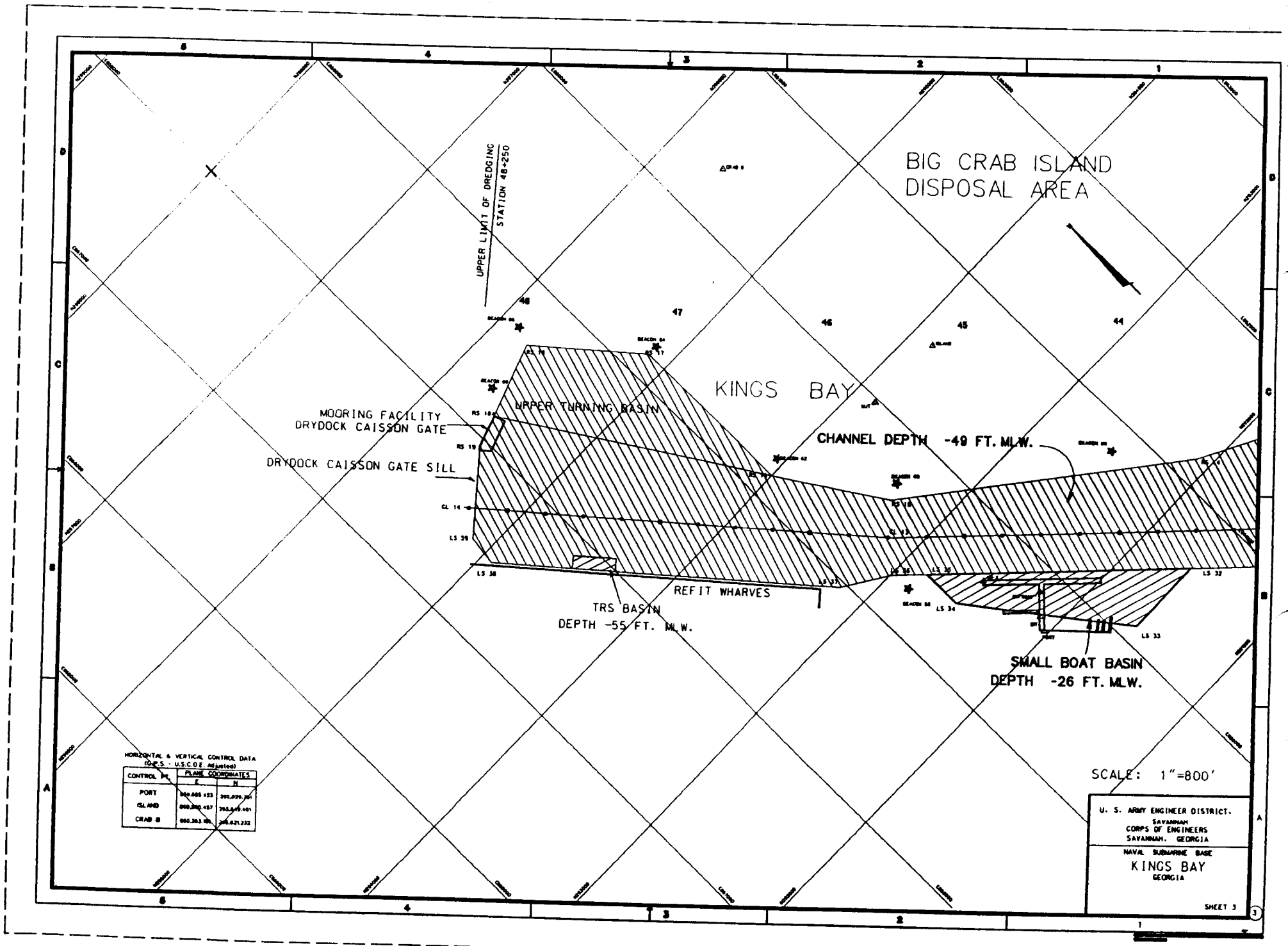


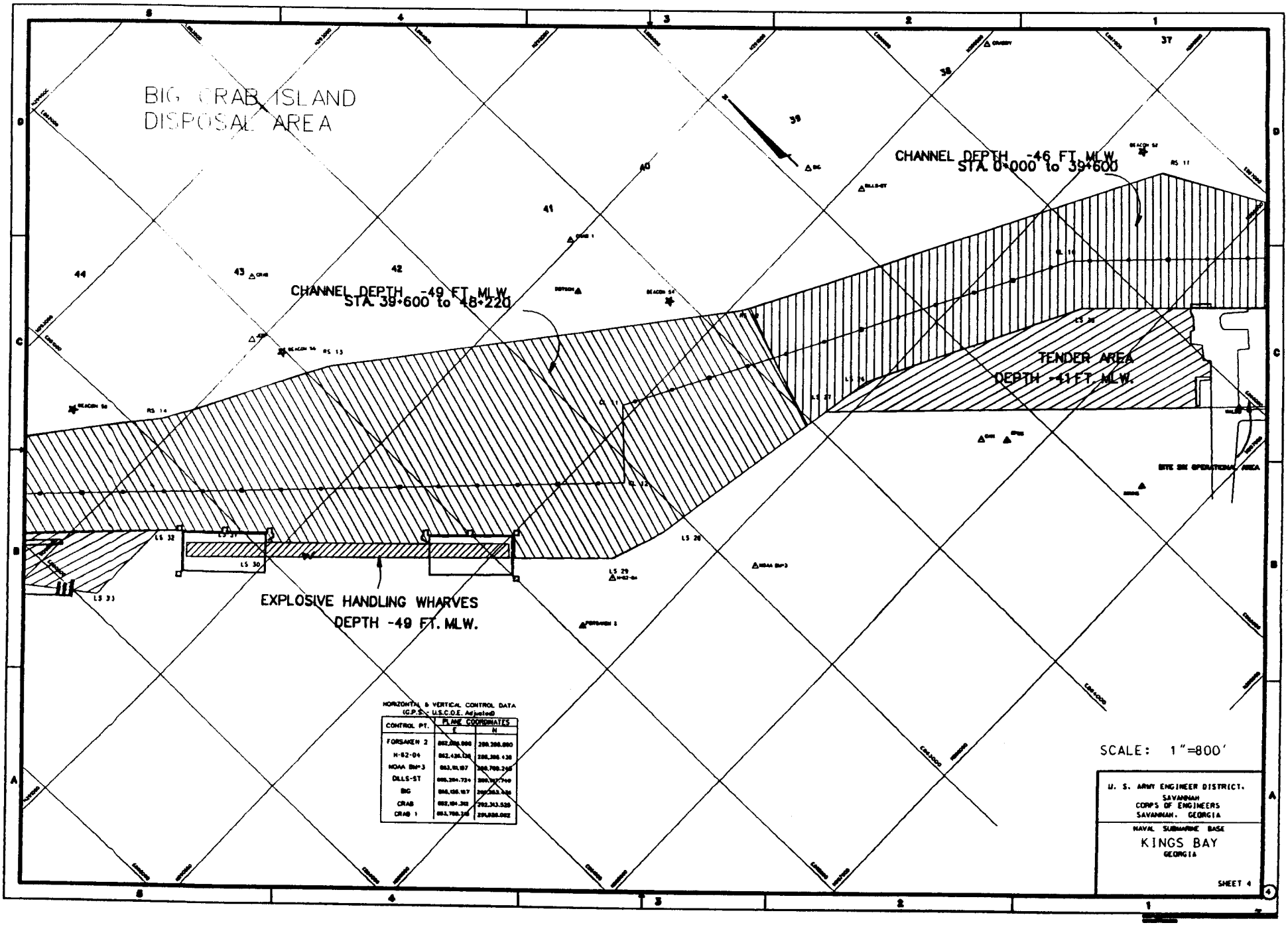
REFIT WHARVES & TRIDENT NAVIGATION CHANNEL & UPPER TURNING BASIN
STA. 45+900 TO 47+270 & STA 47+545 TO 48+220
NOT TO SCALE

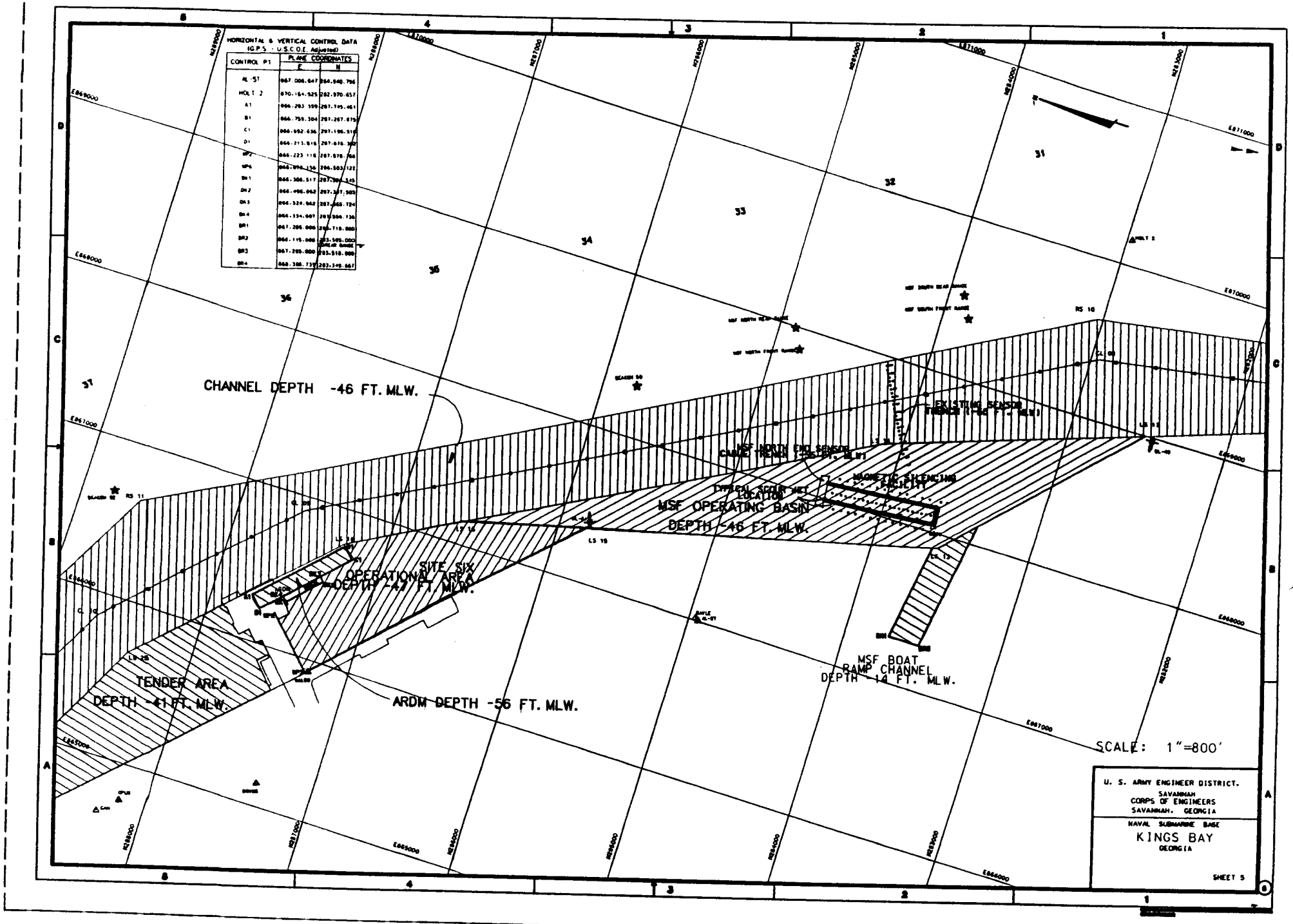
U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY GEORGIA

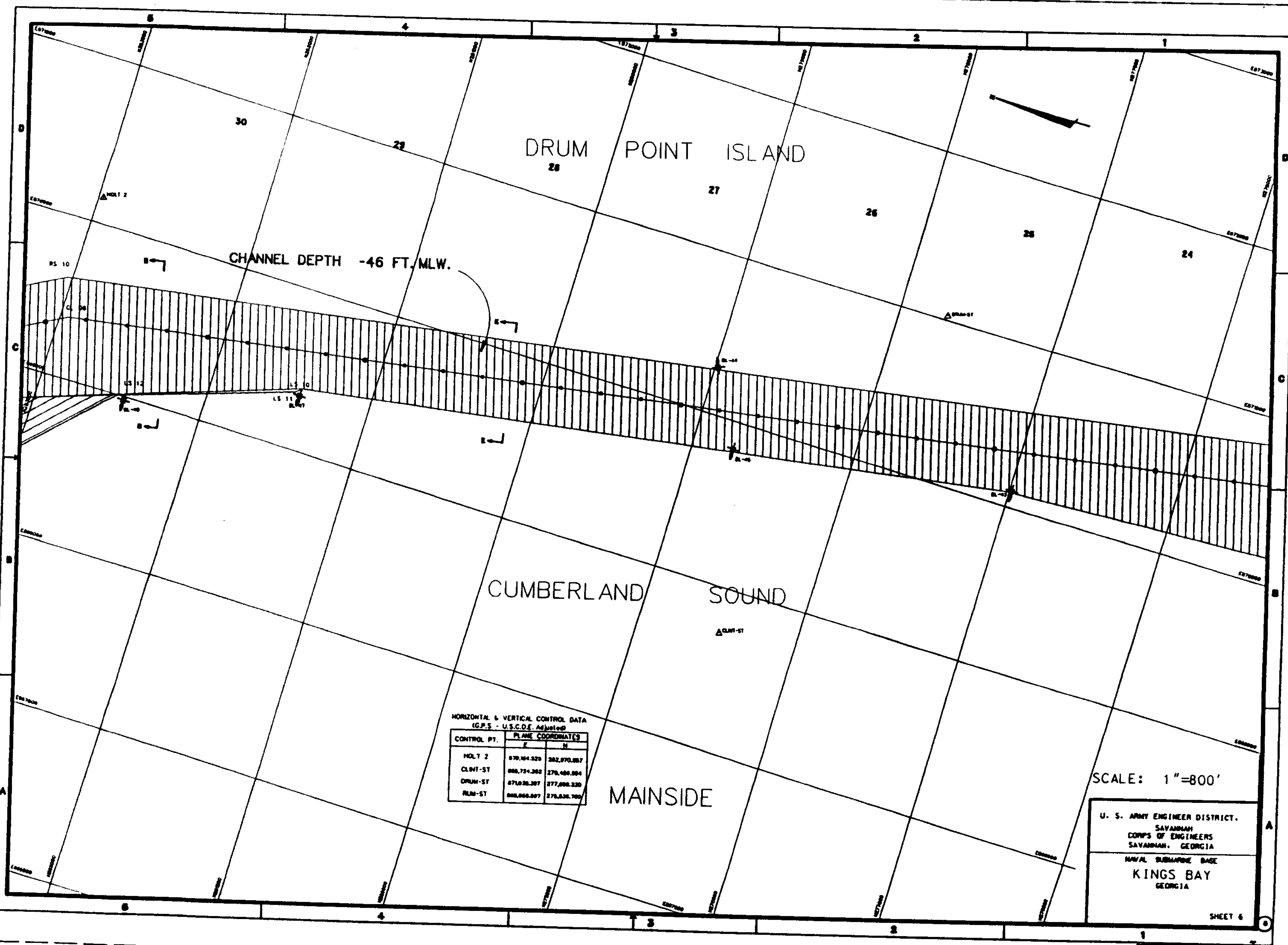
TYPICAL DREDGING SECTIONS

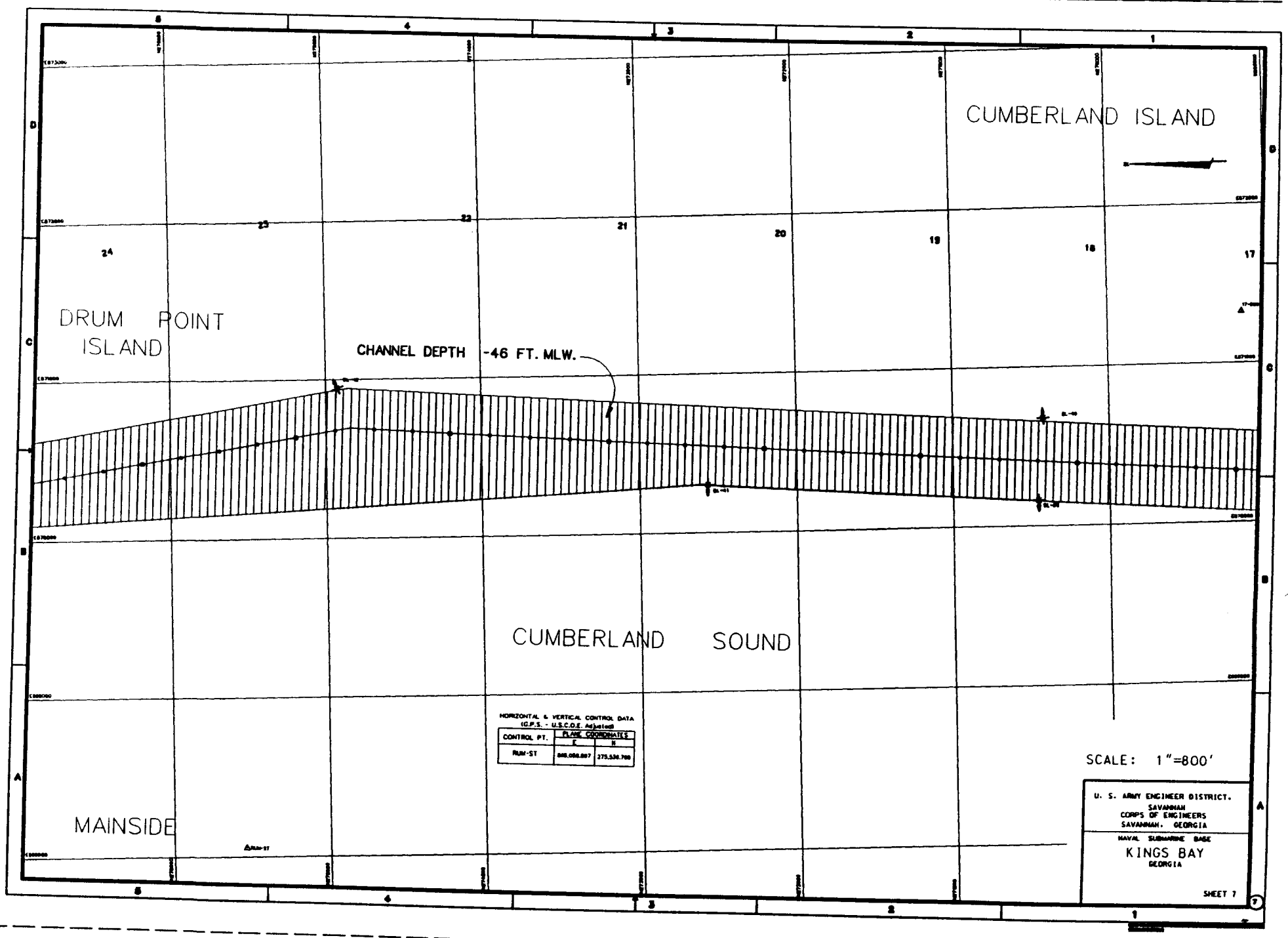
SHEET 2b

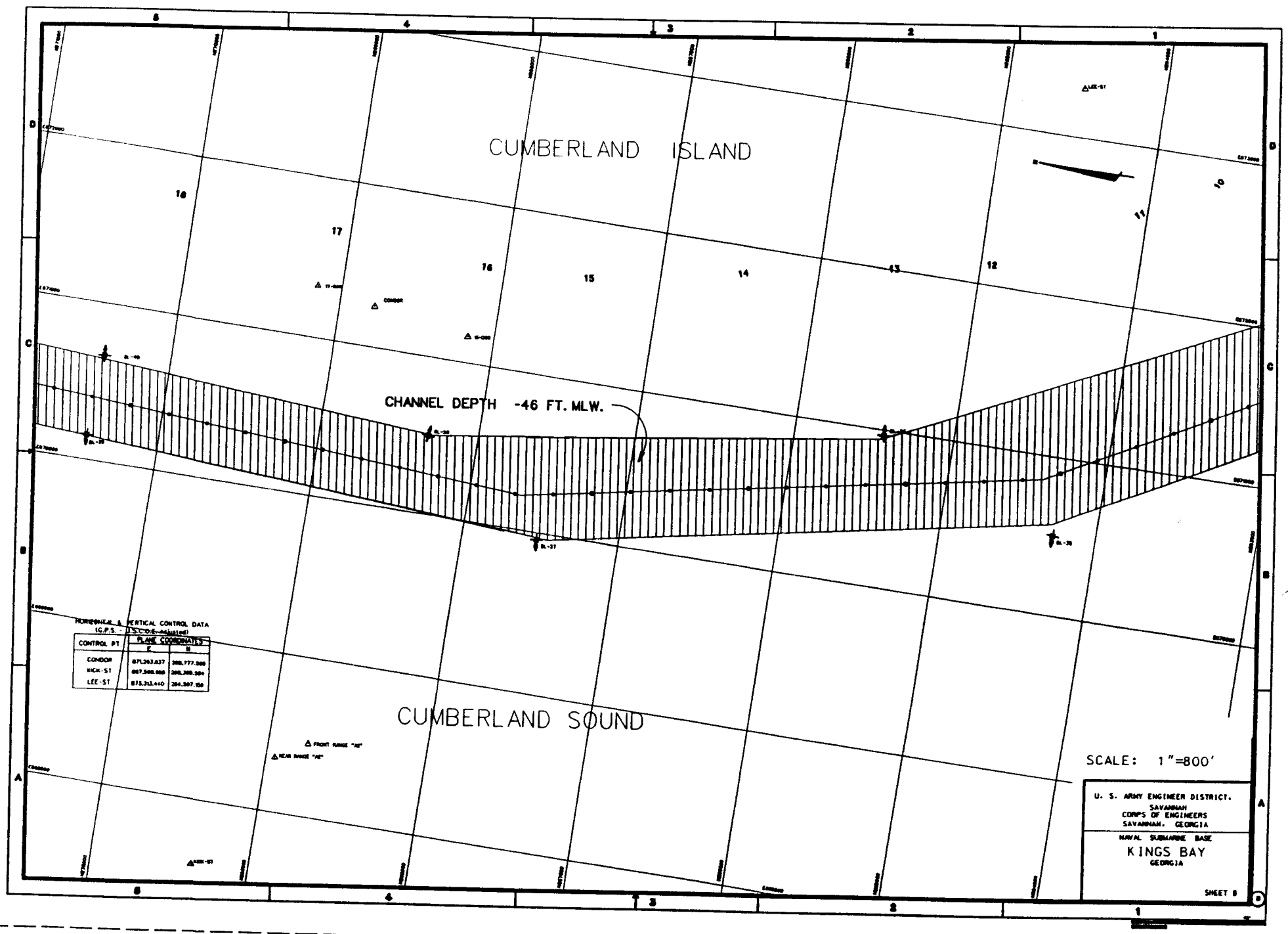

BIG CRAB ISLAND
DISPOSAL AREA
UPPER LIMIT OF DREDGING
STATION 48+250
KINGS BAY
UPPER TURNING BASIN
MOORING FACILITY
DRYDOCK CAISSON GATE
DRYDOCK CAISSON GATE SILL
CHANNEL DEPTH -49 FT. MLW.
REFIT WHARVES
TRS BASIN
DEPTH -55 FT. MLW.
SMALL BOAT BASIN
DEPTH -26 FT. MLW.
HORIZONTAL & VERTICAL CONTROL DATA
(U.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
PORT
ISLAND
CRAB B
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 3


BIG CRAB ISLAND
DISPOSAL AREA
CHANNEL DEPTH -46 FT MLW
STA 0+000 to 39+600
CHANNEL DEPTH -49 FT MLW
STA 39+600 to 48+220
TENDER AREA
DEPTH -41 FT MLW.
EXPLOSIVE HANDLING WHARVES
DEPTH -49 FT. MLW.
SITE SW OPERATIONAL AREA
HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
FORSAKEN 2
H-82-04
NOAA BM-3
DILLS-ST
BIG
CRAB
CRAB 1
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 4


HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT
PLANE COORDINATES
E
N
AL-ST
HOLT 2
A1
B1
C1
D1
BP2
BP4
DR1
DR2
DR3
DR4
CHANNEL DEPTH -46 FT. MLW.
MSF NORTH END SENSOR CABLE TRENCH
EXISTING SENSOR TRENCH
MAGNETIC SILENCING FACILITY
TYPICAL FERRY MOORING LOCATION
MSF OPERATING BASIN DEPTH -46 FT. MLW.
SITE SIX OPERATIONAL AREA DEPTH -47 FT. MLW.
TENDER AREA DEPTH -41 FT. MLW.
ARDM DEPTH -56 FT. MLW.
MSF BOAT RAMP CHANNEL DEPTH -14 FT. MLW.
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 5

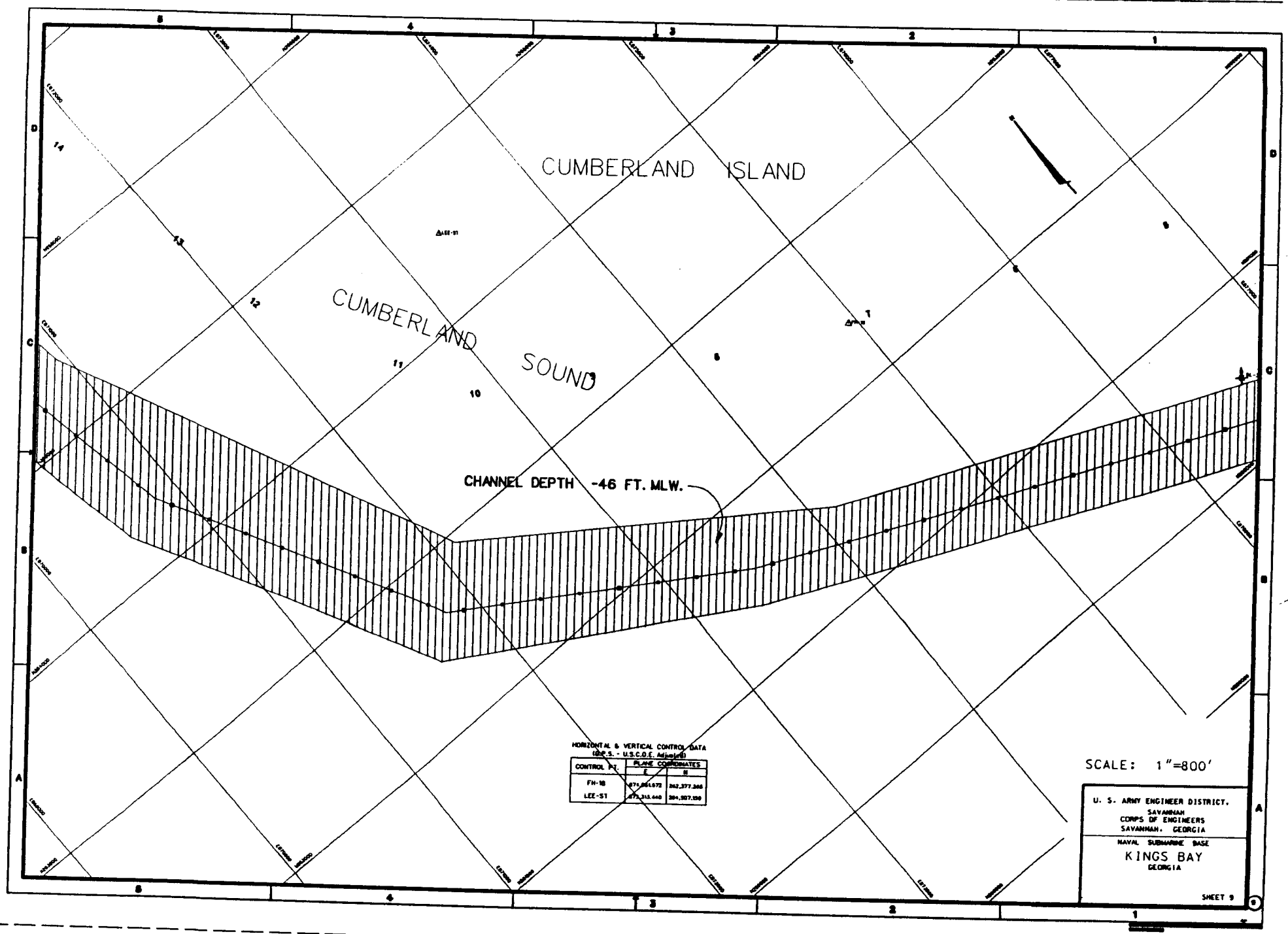

DRUM POINT ISLAND
CUMBERLAND SOUND
MAINSIDE
CHANNEL DEPTH -46 FT. MLW.
30
29
28
27
26
25
24
HOLT 2
CLINT-ST
DRUM-ST
HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
HOLT 2
CLINT-ST
DRUM-ST
RUM-ST
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT,
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 6

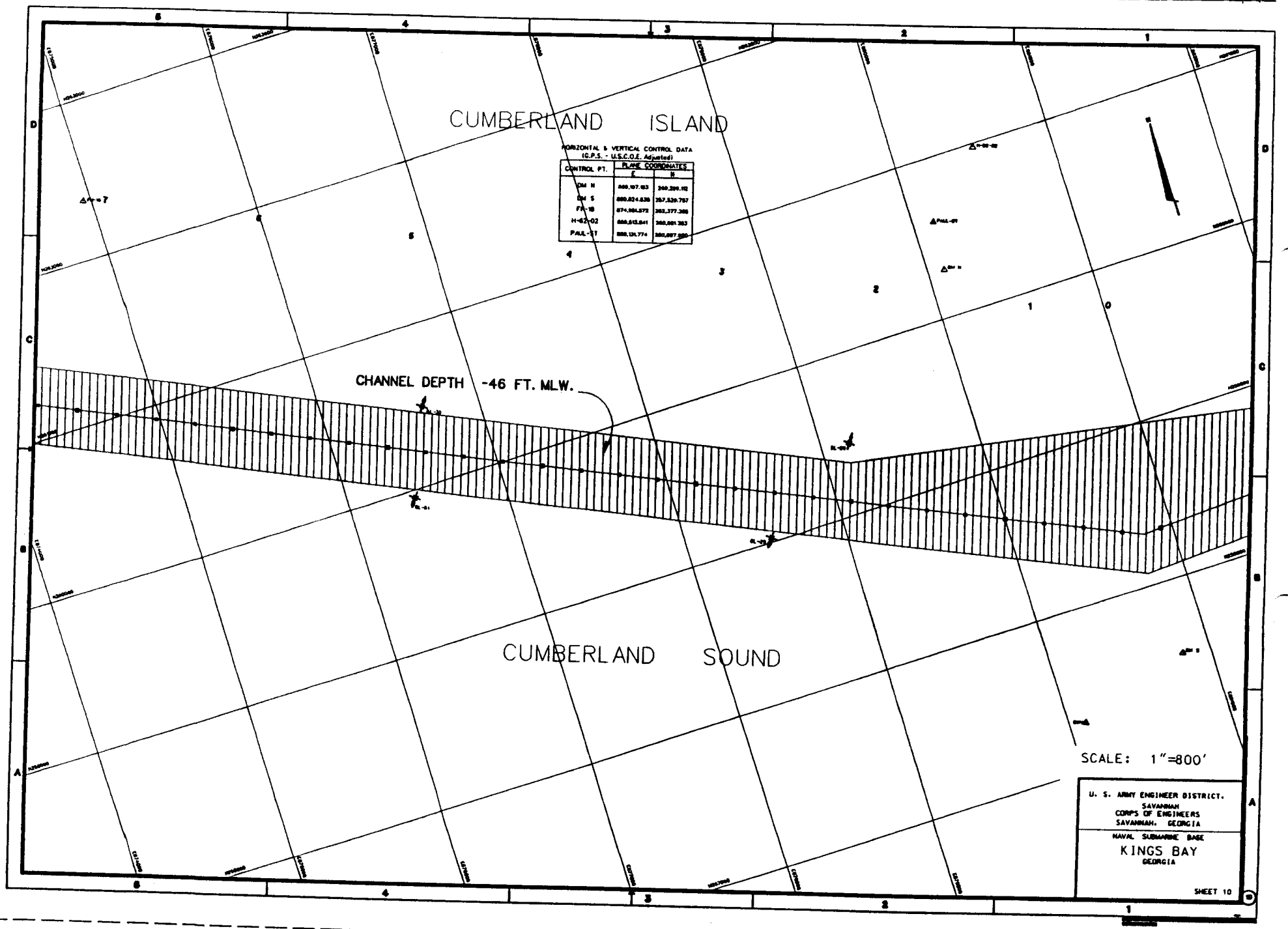

CUMBERLAND ISLAND
DRUM POINT ISLAND
CHANNEL DEPTH -46 FT. MLW.
CUMBERLAND SOUND
MAINSIDE
HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
RUM-ST
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 7



HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.&G. adjusted)

CONTROL PT	PLANE COORDINATES	
	E	N
CONDOR	871,263.037	288,777.388
KICK-ST	887,388.886	286,388.384
LEE-ST	873,313.440	284,387.158


CUMBERLAND ISLAND
CUMBERLAND SOUND
CHANNEL DEPTH -46 FT. MLW.
HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
FH-18
LEE-ST
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 9

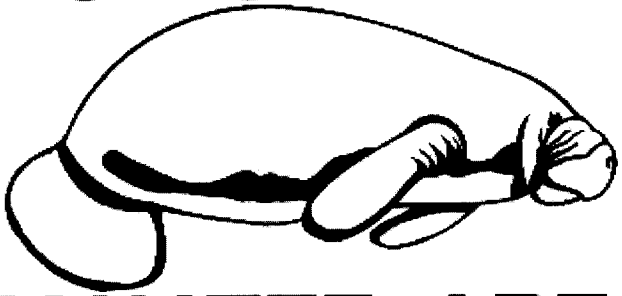

CUMBERLAND ISLAND
HORIZONTAL & VERTICAL CONTROL DATA
(G.P.S. - U.S.C.O.E. Adjusted)
CONTROL PT.
PLANE COORDINATES
E
N
DM N
DM S
FR-10
H-62-02
PAUL-27
CHANNEL DEPTH -46 FT. MLW.
CUMBERLAND SOUND
SCALE: 1"=800'
U. S. ARMY ENGINEER DISTRICT.
SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA
NAVAL SUBMARINE BASE
KINGS BAY
GEORGIA
SHEET 10

MANATEE HABITAT

IDLE
SPEED
IN

CONSTRUCTION AREA
1–800–2–SAVE ME

CAUTION



MANATEE AREA
1–800–2–SAVE ME

Georgia Department of Natural Resources

205 Butler Street, S.E., Suite 1152 East Floyd Tower, Atlanta, Georgia 30334
Lonice C. Barrett, Commissioner
Harold F. Reheis, Director
David Word, Assistant Director
Environmental Protection Division
404/656-4713

February 14, 1996

Mr. Richard E. Bonner, P.E.
Deputy District Engineer
U.S. Army Corps of Engineers
P. O. Box 4970
Jacksonville, Florida 32232-0019

RE: Water Quality Certification
Maintenance Dredging St. Marys River Channel
Camden County, Georgia

Dear Mr. Bonner:

Pursuant to Section 401 of the Federal Clean Water Act, the State of Georgia issues this certification to the Jacksonville District Corps of Engineers, an applicant for a Federal permit or license to conduct an activity in, on or adjacent to the waters of the State of Georgia.

The State of Georgia certifies that there is no applicable provision of Section 301; no limitation under Section 302; no standard under Section 306; and no standard under Section 307, for the applicant's activity. The State of Georgia certifies that the applicant's activity will comply with all applicable provisions of Section 303.

This certification is contingent upon the following conditions:

1. All work performed during construction will be done in a manner so as not to violate applicable water quality standards.

2. No oils, grease, materials or other pollutants will be discharged from the construction activities which reach public waters.

It is your responsibility to submit this certification to the appropriate Federal Agency.

Sincerely,

Harold F. Reheis
Director

HFR:kpr
cc: Mr. Nick Ogden
Dr. Stuart Stevens
Mr. Tom Welborn