



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS

P.O. Box 4970  
Jacksonville, Florida 32232-0019

July 18, 2012

REPLY TO  
ATTENTION OF

Regulatory Division  
North Permits Branch  
Jacksonville Permits Section

***PUBLIC NOTICE***

Permit Application No. SAJ-1993-1030(SP-PRJ)

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403) as described below:

APPLICANT: Harbour Waterway Association  
4407 Harbour Island Drive  
Jacksonville, Florida 32225

WATERWAY & LOCATION: The proposed project is located in an existing canal in Mill Cove that runs in between the Harbour Island Subdivision and the Harbour North Subdivision, in Sections 32 and 50, Township 1 South, Range 28 East, Jacksonville, Duval County, Florida.

Directions to the site are as follows: From downtown Jacksonville take the Arlington Expressway/Matthews Bridge East to the Southside Connector/SR-113 North. Then take the Merrill Road exit and turn right to follow SR-116 East which turns into Fort Caroline Road. Turn left from SR-116 to follow Fort Caroline Road. Continue to follow Fort Caroline Road going north until you reach Harbour Cove Drive South. Turn left onto Harbour Cove Drive South and follow Harbour Cove Drive to Harbour Woods Road South. Turn left onto Harbour Woods Road South and follow to Harbour Island Drive. The proposed work is in the canal in the residential subdivision.

LATITUDE & LONGITUDE: Latitude 30.380368° North  
Longitude 81.519068° West

PROJECT PURPOSE:

Basic: The basic project purpose is to dredge an existing canal.

Overall: The overall project purpose is to dredge an existing canal located at the Harbour Island and Harbour North Subdivisions in Mill Cove to increase water depth for vessel utilization.

PROPOSED WORK: The applicant has requested a 10-year Department of the Army permit to hydraulically dredge 60,000 cubic yards of material from a residential canal in Mill Cove. The canal would be excavated to a depth of -5 feet Mean Low Water (MLW) as depicted in the attached project drawings. The dredge material would be deposited at a designated upland spoil disposal site. The applicant also requests after the fact authorization for the existing breakwater and the applicant proposes to install signs on the existing break water. The existing breakwater is 1500 feet in length as depicted in the attached project drawings.

CULTURAL RESOURCES: The Corps has determined the Permit Area has been so extensively modified that little likelihood exists for the proposed project to impinge upon a historic property even if present with the affected area.

Avoidance and Minimization Information: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

The applicant proposes to dredge the existing canal and is not proposing any work outside of the immediate project area.

Compensatory Mitigation: The applicant has provided the following explanation why compensatory mitigation should not be required:

The applicant did not provide a compensatory mitigation plan for the proposed work.

EXISTING CONDITIONS: The project site includes an entrance channel leading to an existing residential canal located in Mill Cove. The site also includes an existing wooden breakwater, measuring 1500 feet in length, located along both sides of the entrance channel. The residential canal extends through the Harbour Island Subdivision and the Harbour North Subdivision.

ENDANGERED SPECIES: The U.S. Army Corps of Engineers (Corps) has determined the proposed project may affect, but is not likely to adversely affect the West Indian manatee (*Trichechus manatus*) or its designated critical habitat. The Corps will request Fish and Wildlife's concurrence with this determination pursuant to Section 7 of the Endangered Species Act.

ESSENTIAL FISH HABITAT (EFH): This notice initiates consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or Federally managed fisheries in Mill Cove. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The jurisdictional line has not been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification may be required from the Florida Department of Environmental Protection and/or one of the state Water Management Districts.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within 21 days from the date of this notice.

If you have any questions concerning this application, you may contact Paula R. Johnson at the letterhead address, by electronic mail at paula.r.johnson@usace.army.mil, by telephone at 904-232-2503.

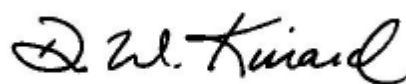
The decision whether to issue or deny this permit application will be based on the information received from this public notice and the evaluation of the probable impact to the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as the compensatory mitigation proposed.

**IMPACT ON NATURAL RESOURCES:** Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with U.S. Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice, we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat

**EVALUATION:** 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 benefits, 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 cumulative Impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain 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. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest. The US Army Corps of Engineers (Corps) Is soliciting comments from the public; Federal, State, and local agencies and officials; Indian 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.

**COASTAL ZONE MANAGEMENT CONSISTENCY:** In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board, In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with the Coastal Zone Management Plan.

**REQUEST FOR PUBLIC HEARING:** Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.

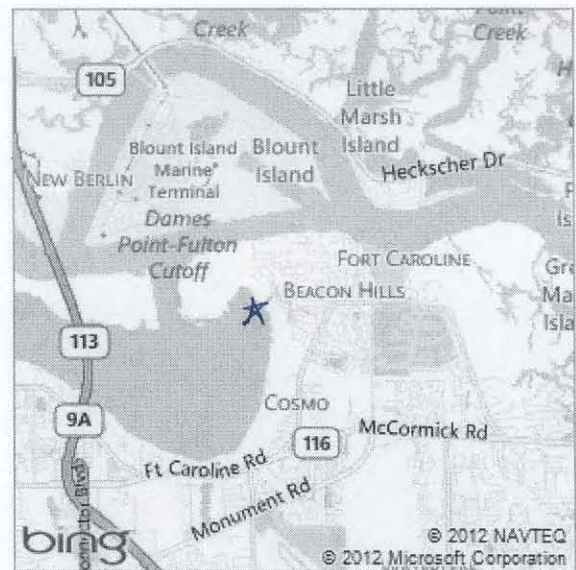


bing Maps

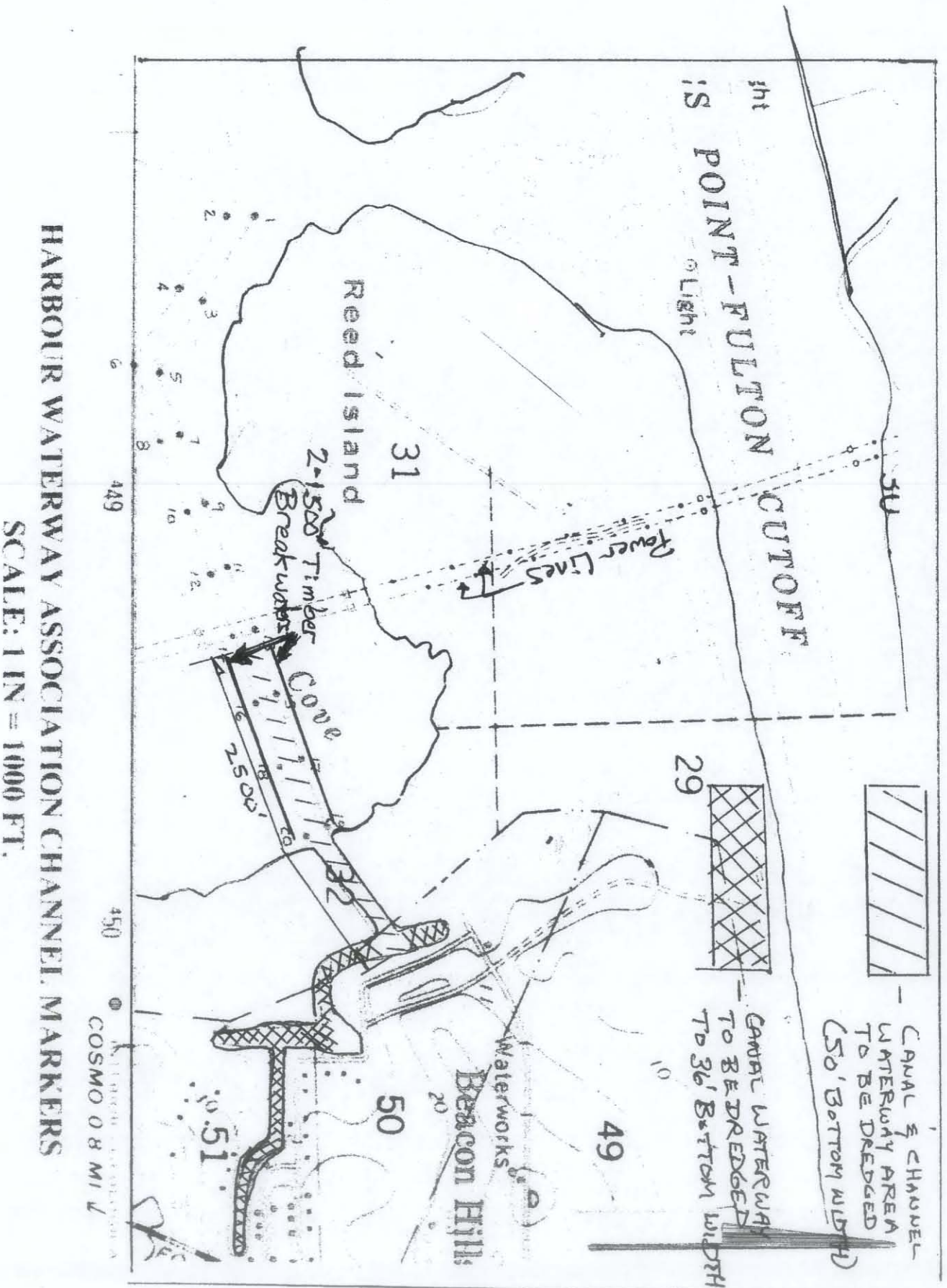
Harbour Waterway Dredge  
SAJ-1993-1030



On the go? Use **m.bing.com** to find maps, directions, businesses, and more











N 2197330.66

Existing Navigational  
Wood Pylon (Typ.)

Overhead  
Power

0+00  
1+00  
2+00  
3+00  
4+00  
5+00  
6+00  
7+00

N 2197744.77  
E 490655.80  
PI Sta. 11+95.95

TOP OF 3:1 SIDE SLOPE  
@ ELEV. 0' MLW (TYP)

Channel No. 1A - Sta. 7+50 - 24+00

Sample 1

N 2198165.20  
E 491777.33  
PI Sta. 24+00.86

36' WIDE CHANNEL  
GRADE: -6.0 MLW W/ 3:  
OVERDEPTH: -6.0 MLW

50' WIDE CHANNEL  
GRADE: -6.0 MLW W/ 3:1 SIDE SLOPE  
OVERDEPTH: -6.0 MLW W/ NO SIDE SLOPE

18+00  
19+00  
20+00  
21+00  
22+00  
23+00  
24+00  
25+00





N 2199221.51  
E 492311.40  
Sta. 0+00

SITE BM (X CUT)  
ELEV. 4.44 NGVD29  
(ELEV. 5.74 M.L.W.)

N 2199958.78  
E 492457.78  
P1 Sta. 3+00.76

N 2198718.33  
E 492526.43  
End Sta. 33+50.31

Channel No. 1B  
Sta. 24+00 - 33+20

Channel No. 2A  
Sta. 0+00 - 8+32.71

Channel No. 2B  
Sta. 8+32.71 - 12+98.49

50' WIDE CHANNEL  
GRADE: -5.0 MLW W/ 3:1 SIDE SLOPE  
OVERDEPTH: -5.0 MLW W/ NO SIDE SLOPE

36' WIDE CHANNEL  
GRADE: -5.0 MLW W/ 3:1 SIDE SLOPE  
OVERDEPTH: -5.0 MLW W/ NO SIDE SLOPE

N 2198265.80  
E 492723.52  
P1 Sta. 10+50.10

N 2198447.27  
E 492603.82  
P1 Sta. 8+32.71

N 2198209.58  
E 493046.26

N 2198410.66  
E 493185.21

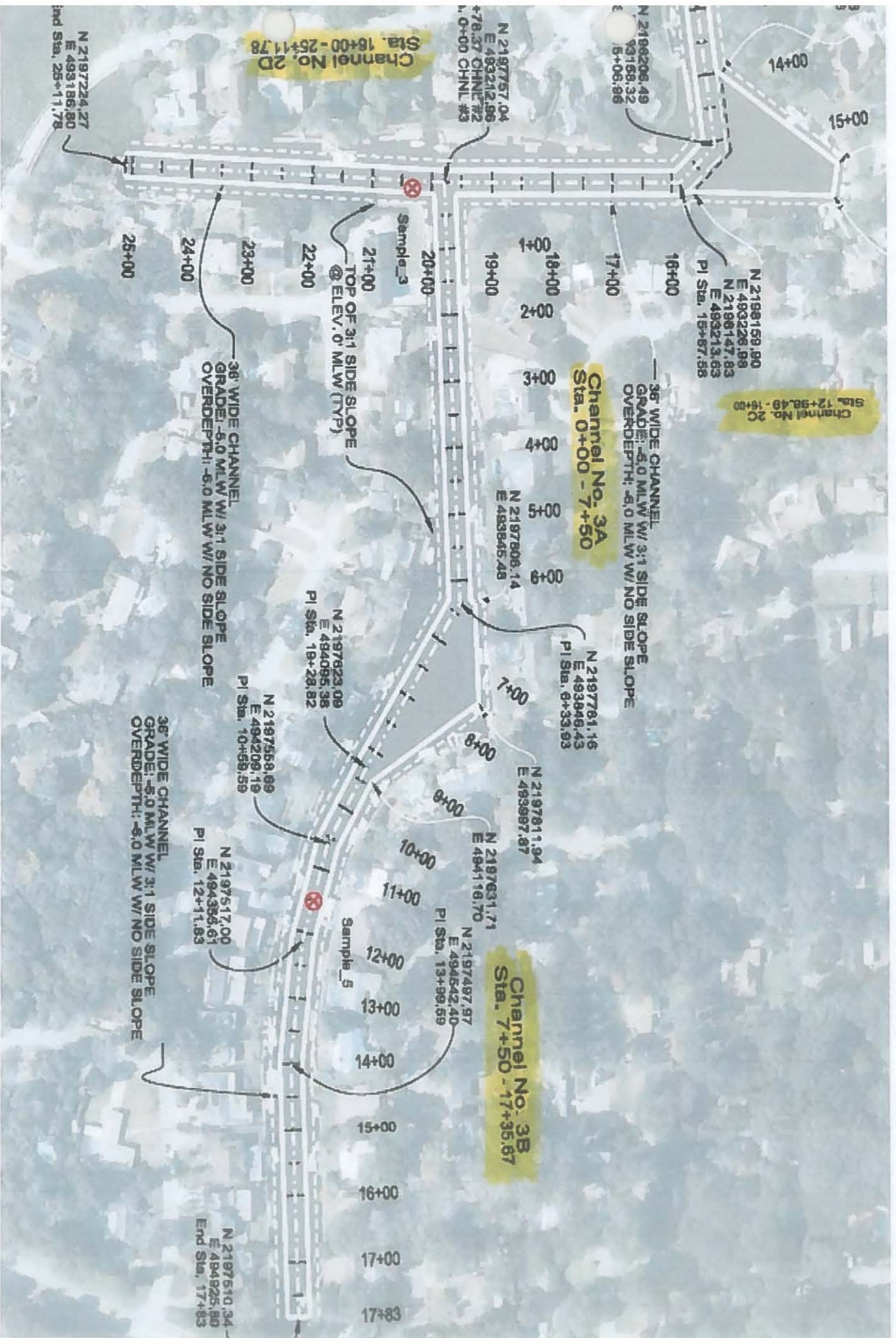
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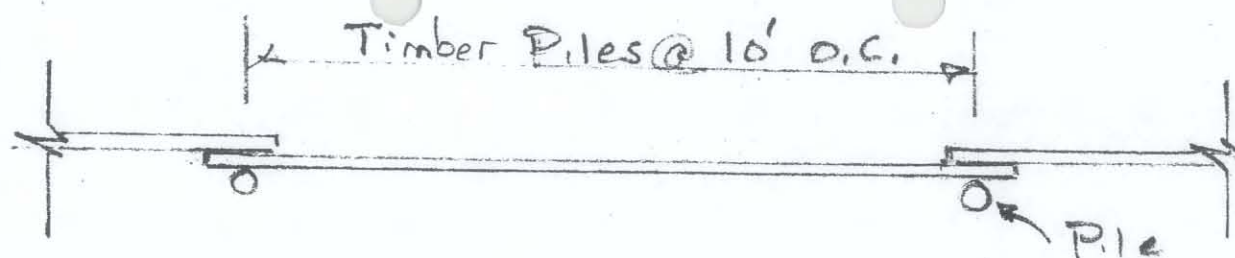
N 2198159.80  
E 493228.98  
N 2198147.83  
E 493213.63  
P1 Sta. 15+87.56

Channel No. 2C  
Sta. 12+98.49 - 15+00

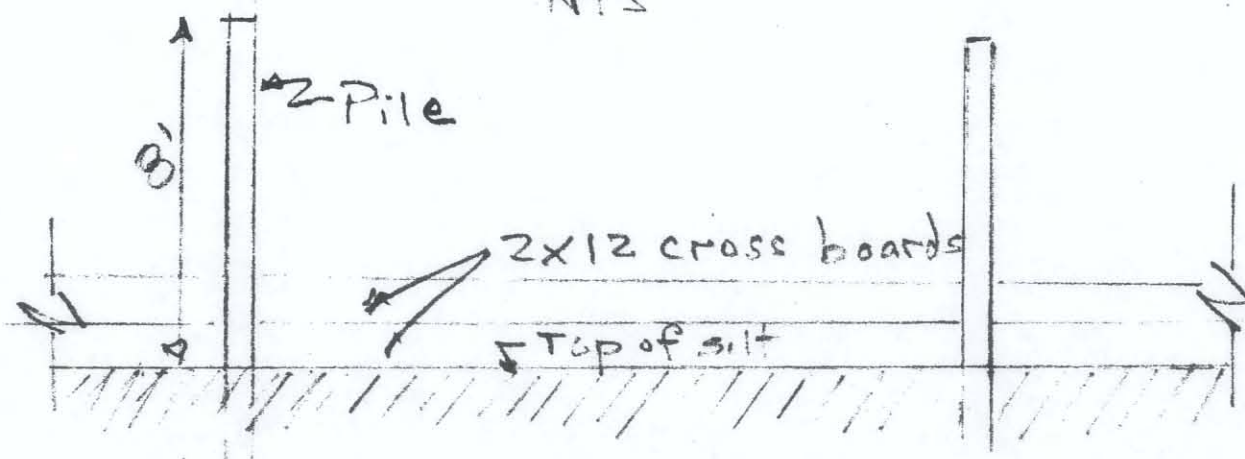
36' WIDE C



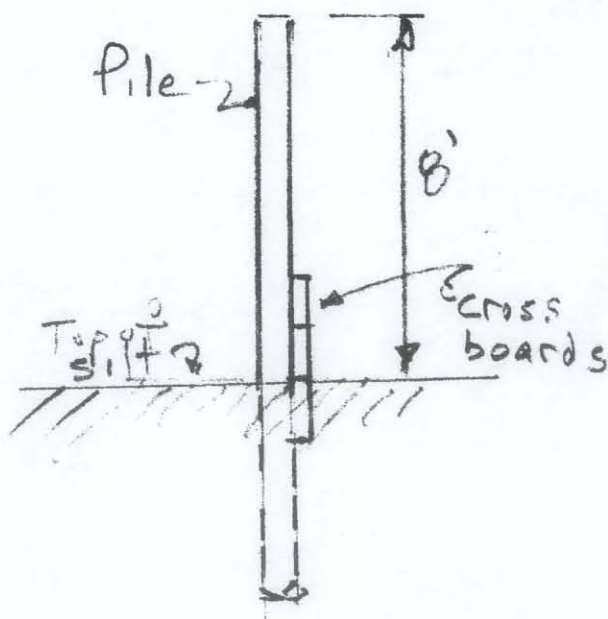




PLAN  
NTS



ELEVATION  
CHANNEL FACE



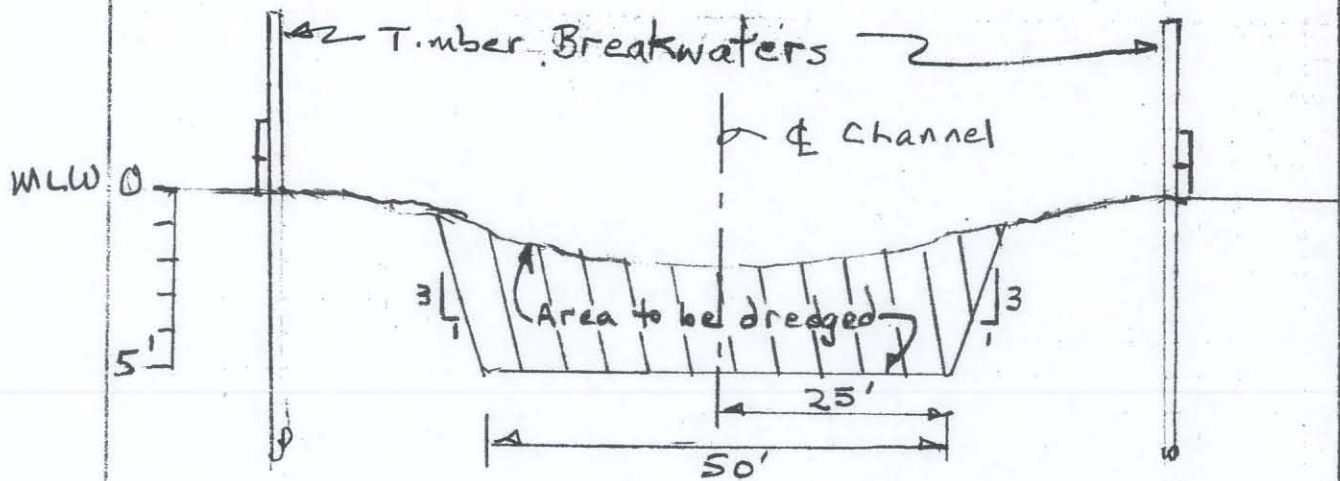
TYPICAL SECTION

TIMBER BREAKWATERS  
TYPICAL DETAILS

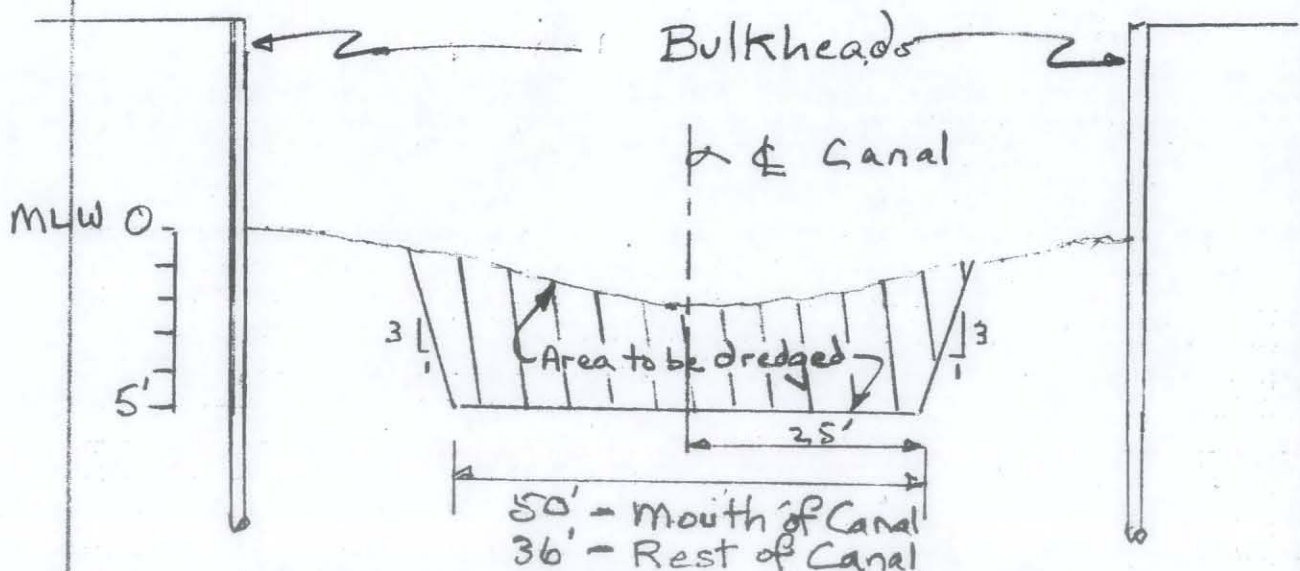
Note: Details are for two 1500' breakwaters installed parallel to entrance channel on the north and south sides.



PROJECT	HARBOUR WATERWAY ASSOC	Page ___ of ___	COMPUTED BY	DATE
SUBJECT	MAINTENANCE DREDGING		CHECKED BY	DATE

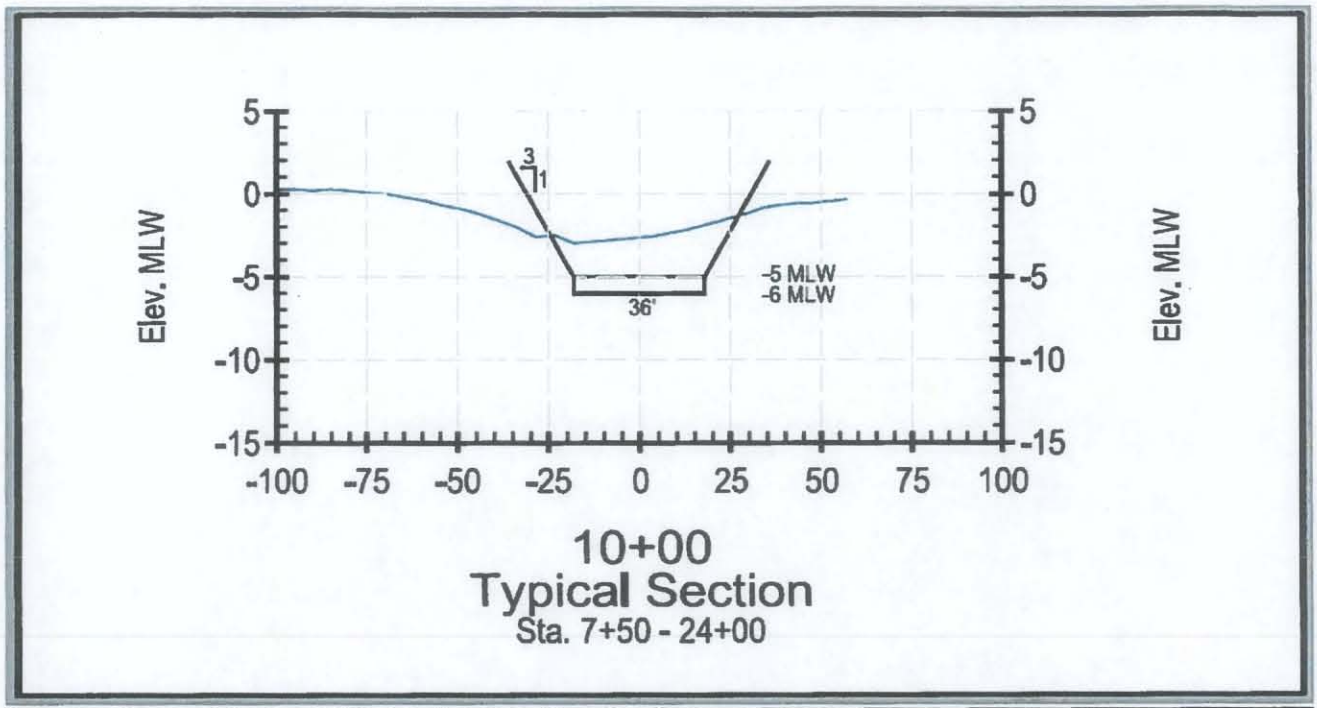


TYPICAL SECTION - APPROACH CHANNEL

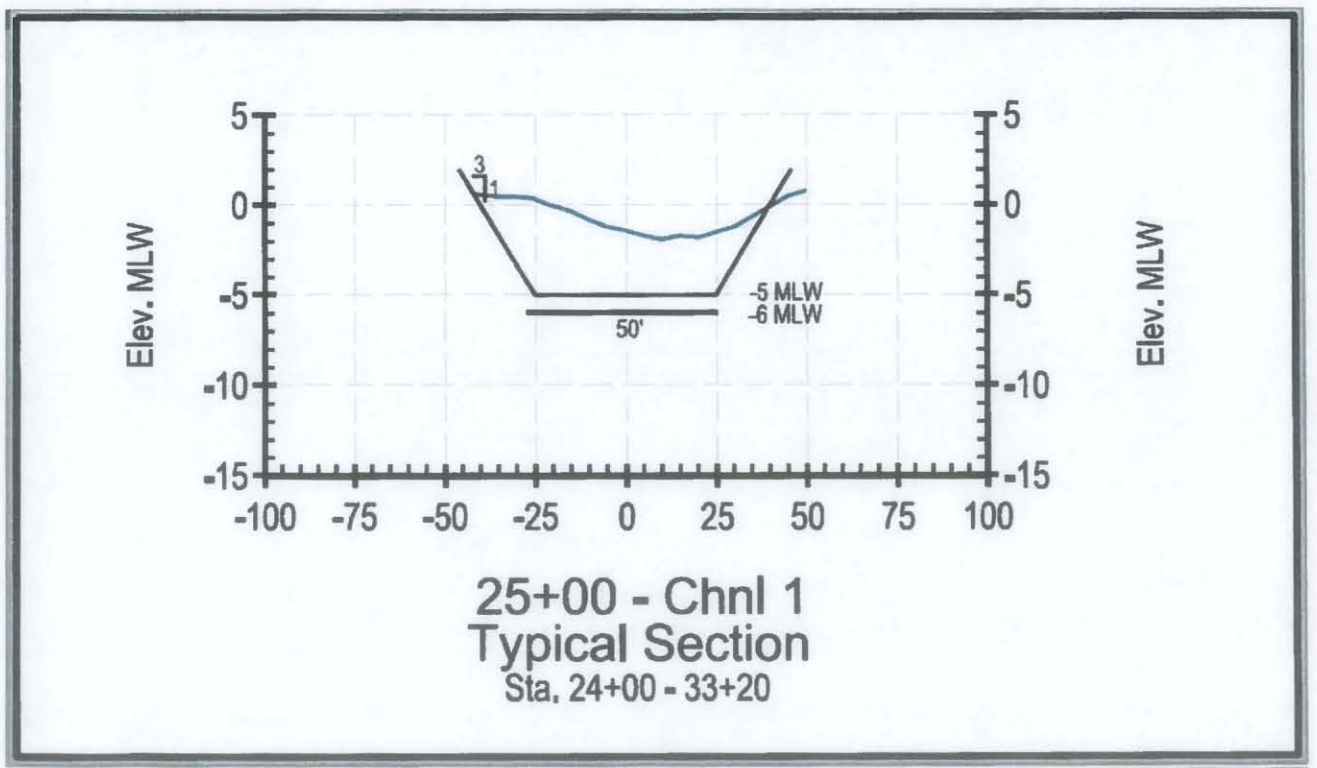


TYPICAL SECTION - CANAL

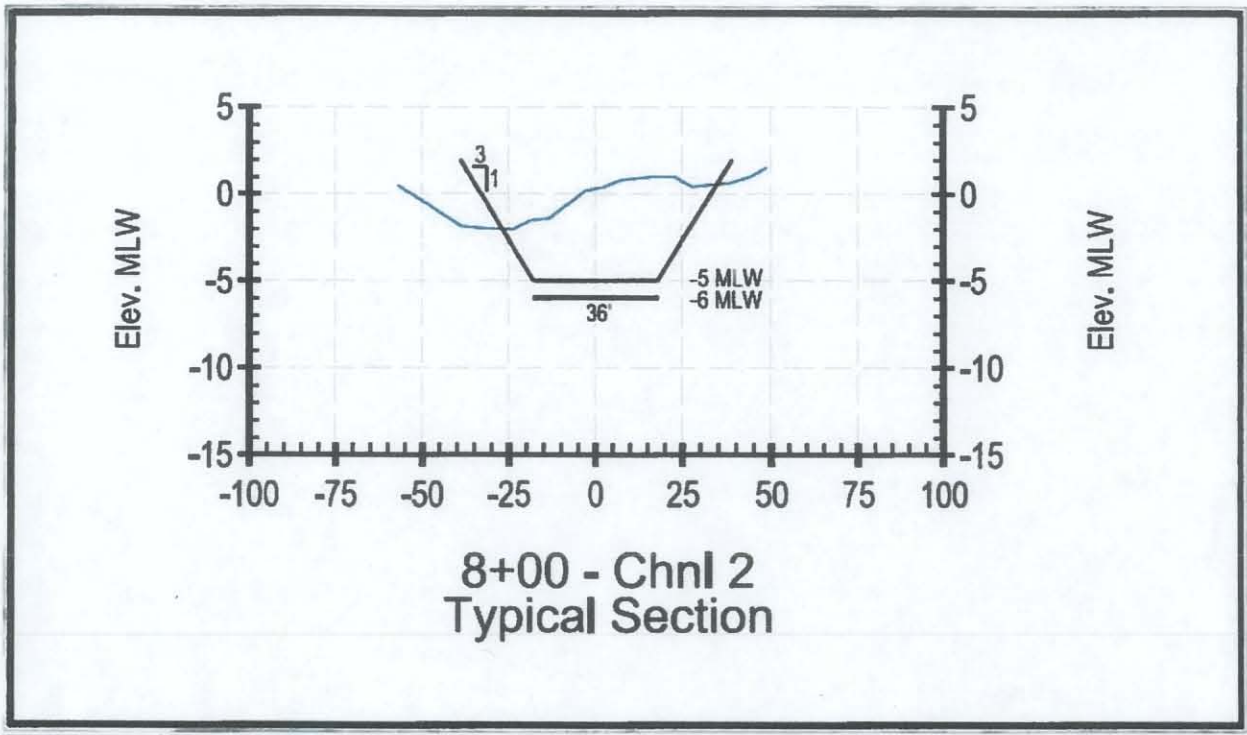
## Channel No 1A



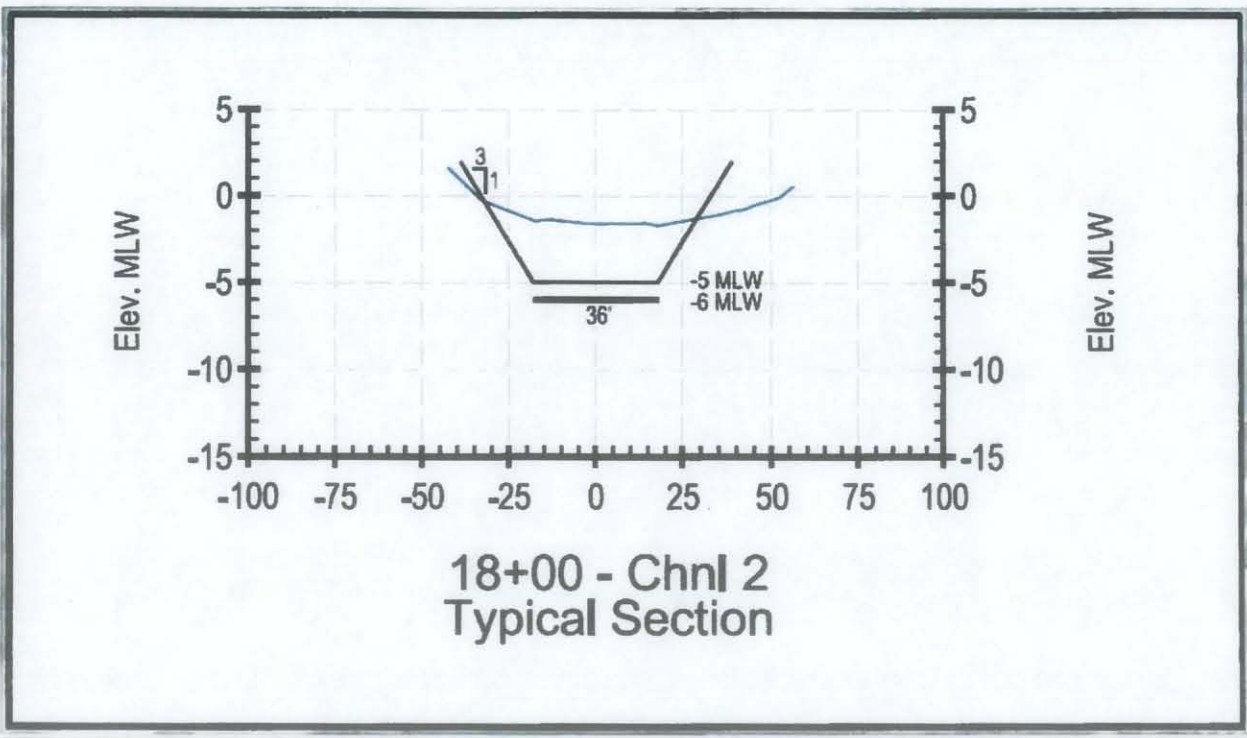
## Channel No 1B



### Channel 2A + B



### Channel 2C + D





## Channel 3A + B

