

PUBLIC NOTICE

70337

2/17/99

Dr

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: 1999-00380-YM & YN

Issue Date: February 10, 1999

Expiration Date: March 12, 1999

To Whom It May Concern:

This public notice announces a proposal by the New York District Corps of Engineers to re-issue a Regional General Permit (with certain modifications) 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). This Regional General Permit would authorize the permittee, the New York State Canal Corporation, to perform activities associated with the maintenance of the Champlain Canal portion of the New York State Barge Canal System.

The Corps of Engineers is authorized to issue general permits when such issuance is found not to be contrary to the general public interest. Title 33 of the Code of Federal Regulations (CFR), Part 323.2(h), provides definitions of general permits and authority to issue them on a regional basis for categories of activities when: 1) those activities are substantially similar in nature and cause only minimal individual and cumulative environmental impacts; or 2) the general permit would result in avoiding unnecessary duplication of regulatory control exercised by another Federal, state, or local agency, provided that it has been determined that the environmental consequences of the action are individually and cumulatively minimal.

Attached to this public notice is a copy of the general permit to be re-issued, as it is currently proposed. There are several proposed modifications to the existing Regional General Permit, which expires on March 31, 1999. The existing general permit is applicable to those portions of the Erie Canal which lie within the jurisdiction of the New York District. An agreement is currently being made between the New York and Buffalo Districts in which the Buffalo District would process all permit applications for activities proposed by the New York State Canal Corporation in the Erie Canal. This agreement will not apply to other public and private applicants. Subsequent to approval of the agreement, which is expected shortly, applications submitted by the New York State Canal Corporation for activities in the Erie Canal will be processed by the Corps of Engineers Buffalo District office. Accordingly, this general permit being proposed addresses activities within the Champlain Canal. The proposed general permit would authorize specific dredging and disposal activities associated with the maintenance of the navigation channel portions of the Champlain Canal. The proposed regional general permit would also authorize minor activities associated with maintenance of Barge Canal infrastructure, including dredging upstream and downstream of structures, and the installation of cofferdams and access causeways.

The New York District has evaluated the performance of this general permit to date and has made a provisional determination that the proposed activities comply with the requirements for the re-issuance of the general permit. There have been no substantial individual and/or cumulative adverse environmental impacts associated with the authorization of at least thirteen proposals under 12GP1, and its predecessor, GP #12, which was originally issued in January, 1993. The regional general permit, if issued as proposed, would have a duration of five years, at which time it would be extended, modified, or revoked following an evaluation of its performance.

CENAN-OP-RW
PUBLIC NOTICE NO. 1999-00380-YN

The decision whether to re-issue the proposed regional general permit will be based on an evaluation of its probable impact, including cumulative impacts, of the 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 activity must be balanced against its reasonable foreseeable detriments. All factors which may be relevant to the activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and in general, the needs and welfare of the people.

The Corps of Engineers 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 re-issuance. Any comments received will be considered by the Corps of Engineers 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 activities.

ALL COMMENTS REGARDING THE PROPOSED REGIONAL GENERAL PERMIT MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the proposal. All comments received will be considered a matter of public record.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this action. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at the public hearing.

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice.

If you have any questions concerning this proposal, you may contact Christine Delorier of our Albany Field Office at (518) 270-0588.

For more information on New York District Corps of Engineers program, visit our website at <http://www.nan.usace.army.mil>

FOR THE DISTRICT ENGINEER:

FOR/ [Signature]
Joseph J. Seebode
Chief, Regulatory Branch

Enclosures:

1. Proposed Regional General Permit
2. Project Drawings

10.6351

Effective Date: _____

(NYD-12GP2)

Expiration Date: _____

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT CORPS OF ENGINEERS
REGIONAL GENERAL PERMIT AUTHORIZING ACTIVITIES ASSOCIATED WITH
THE MAINTENANCE OF THE NEW YORK STATE BARGE CANAL SYSTEM

This general permit authorizes the permittee, the New York State Canal Corporation, to perform activities associated with the maintenance of the Champlain Canal portion of the New York State Barge Canal System which is located within Rensselaer, Saratoga and Washington Counties. It is issued by approval of the Secretary of the Army, acting through the Chief of Engineers, 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). The activities must conform with all of the conditions which follow.

The specific activities that this general permit authorizes include:

- a. the maintenance dredging of the navigation channel portion of the Champlain Canal, to previously excavated depths, with two feet of allowable overdepth, in accordance with the attached chart and project drawings;
- b. dredging within 200 feet upstream and downstream of canal structures (locks, dams, spillway, gates, etc.), not to exceed 300 cubic yards of sediment, as part of the maintenance of the structure;
- c. the incidental overflow of dredged material into waters of the United States from the dredging apparatus and storage vessels during the course of dredging;
- d. the intentional discharge of material mechanically dredged from one location in the canal system into another location in the canal system for the purpose of hydraulically redredging it from the second location;
- e. the disposal of the dredged material at sites approved by the New York State Department of Environmental Conservation as "upland disposal sites";
- f. the incidental return flow of dredged material from the "upland disposal sites", into waters of the United States, provided that appropriate containment measures have been taken; and

- g. the installation of structures, and the discharge of fill material into the Champlain Canal to be used as temporary cofferdams and/or access causeways during canal maintenance activities.

Activities authorized under this general permit do not require further authorization under the provisions contained in Title 33 of the Code of Federal Regulations, Parts 320 through 330, which is the Department of Defense regulation entitled "Corps of Engineers, Department of the Army: Regulatory Programs of the Corps of Engineers; Final Rule", published in the Federal Register on November 13, 1986, provided that they are carried out in accordance with the special conditions listed below and unless the District Engineer determines, on a case-by-case basis, that additional processing is in the public interest.

DEFINITIONS:

The following definitions will apply:

Wetlands - Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas (33 CFR 328.3(b)).

Waters of the United States - The definition of this term for the purposes of this general permit is that which is contained in 33 CFR 328.

Navigable Waters of the United States - The definition of this term for the purposes of this general permit is that which is contained in 33 CFR 329.

PERMIT CONDITIONS:

NOTE: The term "you" and its derivatives, as 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 Corps of Engineers having jurisdiction over the permitted activity or appropriate official of that office acting under the authority of the commanding officer.

GENERAL CONDITIONS:

1. The time limit for completing the work authorized ends on _____. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least four months before the date is reached.
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 upon written notification to this office. 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 the 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 a representative 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:

SEE ATTACHED SHEETS FOR SPECIAL CONDITIONS
"a" THROUGH "q".

Further Information:

1. Limits of 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 project.

2. Limits to 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.

3. 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.

4. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a 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 3 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 requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. 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.

5. 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 Corps will normally give favorable consideration to a request for an extension of this time limit.

SPECIAL CONDITIONS

NYD - 12GP2

a. The permittee shall notify this office at least thirty days prior to using an upland disposal site not previously established as such.

b. The permittee shall notify this office if the permittee is informed by the New York State Department of Environmental Conservation of any changes in the current surface water discharge limits or in the levels of sediment contamination that it would consider acceptable for the issuance of a Water Quality Certification.

c. The permittee shall notify the U.S. Environmental Protection Agency project manager for the Hudson River Reassessment Remedial Investigation / Feasibility Study at least 90 days prior to the initiation of work on any project under this general permit. Notification by the permittee need only include a brief project description and location, and the proposed time of the work.

d. The permittee shall use a cutterhead suction dredge for any projects under this general permit that the New York State Department of Environmental Conservation determines to involve contaminated sediments whose dredging would result in a discharge in excess of its water quality standards.

e. The permittee shall identify all municipalities which have public water supply intakes within five miles downstream of any location where dredging is to take place, and shall notify these municipalities at least 48 hours prior to the initiation of work. Notification by the permittee need only include a brief project description and location, and the proposed time of the work.

f. The permittee shall take all reasonable steps to eliminate or at least minimize the amount of incidental overflow of dredged material into waters of the United States from the dredging apparatus and storage vessels during the course of dredging.

g. No dredging under this general permit shall take place within five miles upstream of the Troy Lock and Dam in the months of April and May.

h. The permittee shall inform this office at least thirty days prior to the initiation of any dredging that involves disposal of dredged material in a part of an "upland disposal site" that includes navigable waters of the United States, or waters of the United States, including wetlands, as determined in accordance with the appropriate federal methodology, and the

SPECIAL CONDITIONS

NYD - 12GP2

permittee shall not proceed with the work unless informed in writing that this office has determined that the work may proceed under this general permit. (Note: This is not intended to include previously upland areas of the disposal sites that became wetlands due to the placement of dredged material in impoundments in the course of canal maintenance activities.)

i. The permittee shall inform this office at least thirty days prior to the proposed initiation of any dredging during the period from December 1 through March 1, and the permittee shall not proceed with the work unless informed in writing that this office has brought the specific dredging project before the United States Fish and Wildlife Service for review and has determined that the work may proceed under this general permit. Notification under this condition is not required during this timeframe for dredging activities located between Champlain Canal Lock 7 and Lock 12.

j. The permittee shall notify the Commander of the First Coast Guard District located in Boston, Massachusetts, at least two weeks prior to the initiation of any work under this general permit to ensure notification via the Local Notice to Mariners. Notification by the permittee need only include a brief project description and location, and the proposed time of work.

k. The permittee shall notify the United States Coast Guard office located in Staten Island, New York, at least 48 hours prior to the initiation of any work under this general permit. Notification by the permittee shall include the approximate commencement and completion dates of the project, the name of the dredge vessel, and the name of the designated point of contact for the project.

l. All temporary fills or structures placed in the waterway must be removed in their entirety and the affected areas returned to their pre-existing contours immediately upon completion of the maintenance work it had facilitated. The removed fill shall be disposed of at a suitable upland site and be contained so that it cannot re-enter into any waterway and/or wetlands.

m. Temporary fill shall be of a suitable size and type and placed in a manner so that it does not wash downstream by normal or expected high flows.

n. The permittee shall place filter fabric beneath any fill material used for temporary construction access or dewatering.

o. The permittee shall notify this office at least thirty days prior to the initiation of any maintenance activity that

SPECIAL CONDITIONS

NYD - 12GP2

would involve the installation of a temporary cofferdam or access causeway that would extend further than one-half of the width of the waterway during any phase of work, and shall not proceed unless informed in writing that the work may proceed under this general permit.

p. For those activities which do not require notification to this office in accordance with the above listed conditions, the permittee shall advise this office, in writing, at least two weeks prior to the commencement of such activity.

q. If, upon inspection, an activity authorized under this general permit is not being carried out, or has not been carried out, in a particular location in accordance with these conditions, or to the satisfaction of the District Engineer, the authorization of the activity at such location may be revoked, and an individual permit application for the work at such location may be required.

Dredge Site Map Number	Dredge Site Number	Begin Mile Point	End Mile Point	Volume	Type of Operation	Intermediary Disposal	Final Disposal	UDS Map Number	Volume Increase (Decrease)	Length Increase (in miles)	Previous Dredge Site WQC (Year)
WATERFORD FLOATING PLANT											
Ch-1b	1-05-1	0.4	2.4	45,000	Mechanical	1-02-1	UDS 1-1	Ch-1b	42,775		1994
Ch-1b	1-02-1	2.4	3.3	15,000	Mechanical	Hydr. Off-Loader	UDS 1-1	Ch-1b	12,889		1994
Ch-1b	1-03-B	3.4	3.5	9,000	Mechanical	1-02-1	UDS 1-1	Ch-1b	3,530		1994
Ch-1b	1-03.1-B	5.1	5.8	3,000	Mechanical	Hydr. Off-Loader	UDS 1-1	Ch-1b			
Ch-1b	1-03.5-C	6.3	7.2	2,600	Mechanical	1-02-1	UDS 1-1	Ch-1b	2,364		1994
Ch-2b	1-04-D	7.3	9.9	9,000	Mechanical	Hydr. Off-Loader	UDS 1-2	Ch-2b	1,617	0.3	1994
Ch-2b	1-05-3	9.9	10.3	2,795	Hydraulic	Hydr. Off-Loader	UDS 1-2	Ch-2b	0		1994
Ch-3a	1-06-4	10.6	11.6	60,000	Hydraulic	Hydr. Off-Loader	UDS 1-4	Ch-3a	45,000	0.6	1994
Ch-3a	1-06.1-4	11.8	12.3	3,600	Mechanical	1-06.9-7	UDS 1-4	Ch-3a	0		1994
Ch-3b	1-06.2-5	15.7	16.6	35,000	Mechanical	Hydr. Off-Loader	UDS 1-5	Ch-3b			
Ch-4b	1-06.9-7	23.2	25.1	8,300	Hydraulic	Hydr. Off-Loader	UDS 1-7	Ch-4b	3,277		1994
Ch-5a	1-07-G&H	25.1	26.1	2,300	Hydraulic	Hydr. Off-Loader	UDS 1-8 & 1-9	Ch-5a	0		1994
Ch-5a	1-08-1&J	26.1	27.7	35,000	Mechanical	1-08-1&J	UDS 1-9.5	Ch-5a	15,550		1994
Ch-5b,6a	1-08.5-11	30.0	32.6	27,000	Mechanical	Hydr. Off-Loader	UDS 1-11	Ch-6a	6,000		1994
Ch-6a	1-09-M&L	34.6	36.4	85,000	Mechanical	Hydr. Off-Loader	UDS 1-9.5	Ch-5a	69,058		1994
Ch-6a	1-08.6-11	33.2	34.0	45,000	Mechanical	1-08-1&J	UDS 1-9.5	Ch-5a			
Ch-6b	1-10-N	36.4	37.0	2,000	Mechanical	Hydr. Off-Loader	UDS 1-9.5	Ch-5a	0		1994

Enclosure 2.
Project Drawings
Sheet 1 of 20

Dredge Table

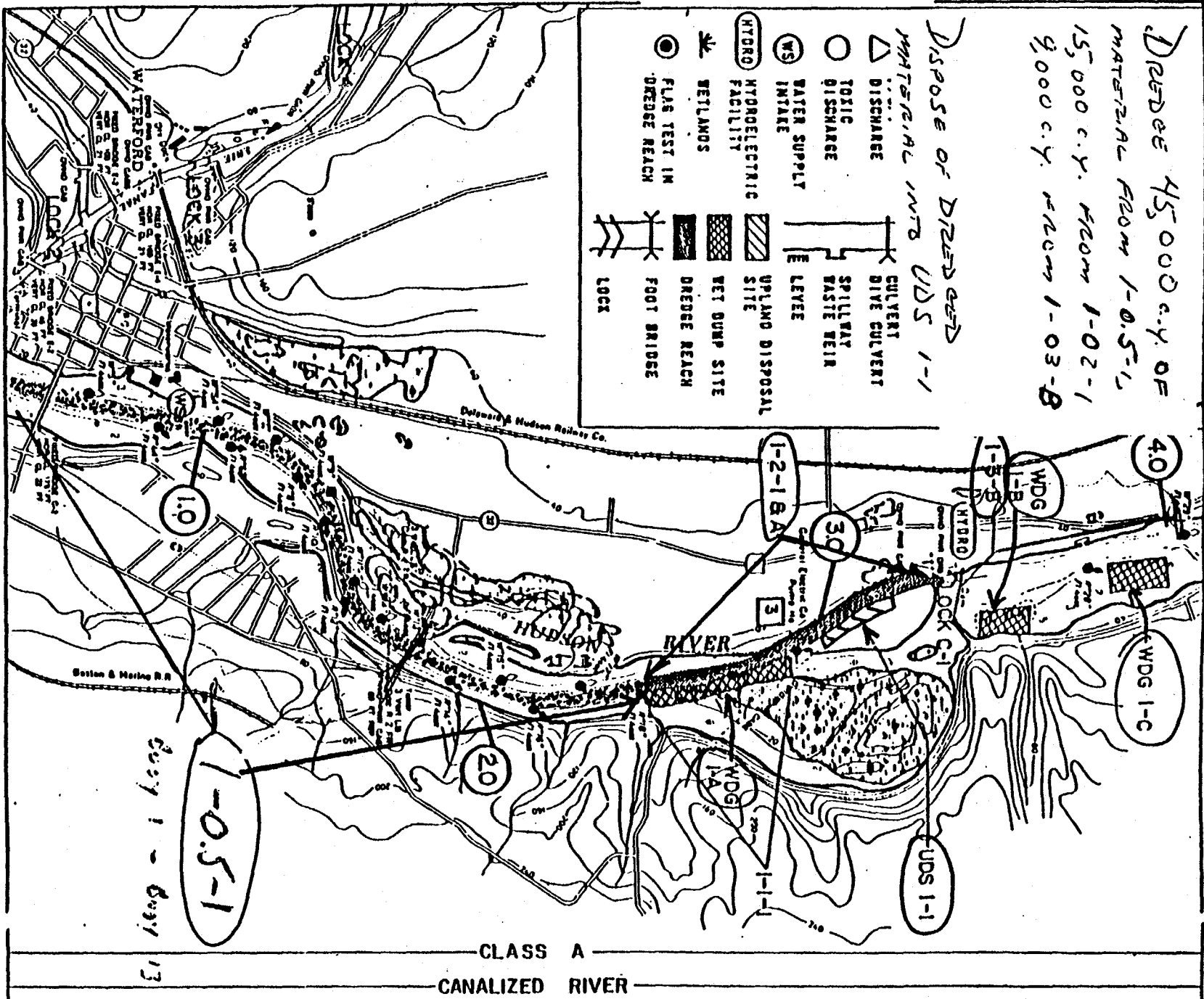
Dredge Site Map Number	Dredge Site Number	Begin Mile Point	End Mile Point	Volume	Type of Operation	Intermediary Disposal	Final Disposal	UDS Map Number	Volume Increase (Decrease)	Length Increase (in miles)	Previous Dredge Site WOC (Year)
Ch-6b	1-11-N	37.0	32.0	62,000	Mechanical	1-08-I&J	UDS 1-9.5	Ch-5a	13,917		1994
					Mechanical	1-08.5-11	UDS 1-11	Ch-6a			
					Mechanical	Hydr. Off-Loader	UDS 1-9.5	Ch-5a			
					Mechanical	Hydr. Off-Loader	UDS 1-11	Ch-6a			
Ch-6b,7a	1-12-15	37.0	39.0	14,075	Hydraulic		UDS 1-15	Ch-6b	0		1994
					Mechanical	1-12-15	UDS 1-15	Ch-6b			
					Mechanical	Hydr. Off-Loader	UDS 1-15	Ch-6b			
					Hydraulic		UDS 1-16	Ch-7a			
Ch-7a	1-13-16	39.2	41.0	40,000	Hydraulic		UDS 1-17	Ch-7a	0		1994
					Mechanical	1-13-16	UDS 1-16	Ch-7a			
					Mechanical	1-13-16	UDS 1-17	Ch-7a			
					Mechanical	1-14-17	UDS 1-17	Ch-7a			
					Mechanical	1-16-19&20	UDS 1-19 & 1-20	Ch-7b			
					Mechanical	Hydr. Off-Loader	UDS 1-16	Ch-7a			
					Mechanical	Hydr. Off-Loader	UDS 1-17	Ch-7a			
					Mechanical	Hydr. Off-Loader	UDS 1-19	Ch-7b			
					Mechanical	Hydr. Off-Loader	UDS 1-20	Ch-7b			
					Hydraulic		UDS 1-17	Ch-7a			
Ch-7a	1-14-17	41.0	42.4	30,000	Mechanical	1-13-16	UDS 1-16	Ch-7a	0		1994
					Mechanical	1-14-17	UDS 1-17	Ch-7a			
					Mechanical	Hydr. Off-Loader	UDS 1-16	Ch-7a			
					Mechanical	Hydr. Off-Loader	UDS 1-17	Ch-7a			
Ch-7b	1-16-19&20	43.4	45.0	40,000	Hydraulic		UDS 1-19 & 1-20	Ch-7b	0		1994
					Mechanical	1-16-19&20	UDS 1-19 & 1-20	Ch-7b			
					Hydraulic		UDS 1-21	Ch-7b			
					Mechanical	1-16.5-21	UDS 1-21	Ch-7b			
Ch-7b,8a	1-16.5-21	45.0	47.0	5,480	Hydraulic		UDS 1-22	Ch-7b	0		1994
					Mechanical	1-16.5-21	UDS 1-22	Ch-7b			
					Hydraulic		UDS 1-23	Ch-8a			
					Mechanical	1-16.5-21	UDS 1-23	Ch-8a			
					Hydraulic		UDS 1-24	Ch-8a			
					Mechanical	1-16.5-21	UDS 1-24	Ch-8a			
					Mechanical	1-14-17	UDS 1-17	Ch-7a			
					Hydraulic		UDS 1-26 & 1-27	Ch-8b			
Ch-8a,8b	1-17-25,26 & 27	47.0	51.5	30,000	Hydraulic		UDS 1-28	Ch-8b	0		1994
					Mechanical	1-17-25,26 & 27	UDS 1-26 & 1-27	Ch-8b			
					Mechanical	1-17-25,26 & 27	UDS 1-28	Ch-8b			
					Mechanical	Hydr. Off-Loader	UDS 1-26	Ch-8b			
					Mechanical	Hydr. Off-Loader	UDS 1-27	Ch-8b			
					Mechanical	Hydr. Off-Loader	UDS 1-28	Ch-8b			
					Hydraulic		UDS 1-31	Ch-9a			
					Mechanical	1-19-P	UDS 1-31	Ch-9a			
Ch-9a	1-19-P	52.9	55.5	30,774	Mechanical	1-20-33 & 36	UDS 1-33	Ch-9a	0	1.2	1994
					Mechanical	Hydr. Off-Loader	UDS 1-31	Ch-9a			
					Mechanical	Hydr. Off-Loader	UDS 1-33	Ch-9a			
					Mechanical	Hydr. Off-Loader	UDS 1-33	Ch-9a			

Dredge Site Map Number	Dredge Site Number	Begin Mile Point	End Mile Point	Volume	Type of Operation	Intermediary Disposal	Final Disposal	UDS Map Number	Volume Increase (Decrease)	Length Increase (in miles)	Previous Dredge Site WQC (Year)
Ch-9b	1-20-33 & 36	55.5	58.0	36,000	Hydraulic		UDS 1-33 & 1-34	Ch-9a	13,500		1994
					Hydraulic		UDS 1-35 & 1-36	Ch-9b			
					Hydraulic		UDS 1-37	Ch-9b			
					Mechanical	1-19-P	UDS 1-31	Ch-9a			
					Mechanical	Hydr. Off-Loader	UDS 1-31	Ch-9a			
Ch-9b, 10	1-21-38	58.0	60.7	19,700	Hydraulic		UDS 1-38 & 1-39	Ch-9b	0	1.1	1994
					Mechanical	1-19-P	UDS 1-31	Ch-9a			
					Mechanical	Hydr. Off-Loader	UDS 1-31	Ch-9a			

DREDGE 45,000 c.y. OF
MATERIAL FROM 1-0.5-1,
15,000 c.y. FROM 1-02-1
9,000 c.y. FROM 1-03-B

DISPOSE OF DREDGED
MATERIAL INTO UDS 1-1

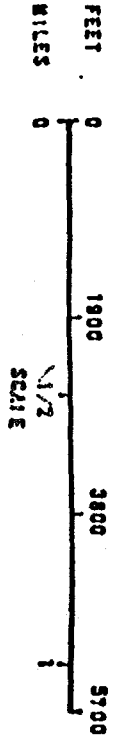
- ▽ DISCHARGE
- TOXIC DISCHARGE
- WS WATER SUPPLY INTAKE
- HYDRO FACILITY
- WETLANDS
- FLAG TEST IN DREDGE REACH
- CULVERT
- DIVE CULVERT
- SPILLWAY
- WASTE WEIR
- LEVEE
- UPLAND DISPOSAL SITE
- WET DUMP SITE
- DREDGE REACH
- FOOT BRIDGE
- LOCK



CLASS A
CANALIZED RIVER

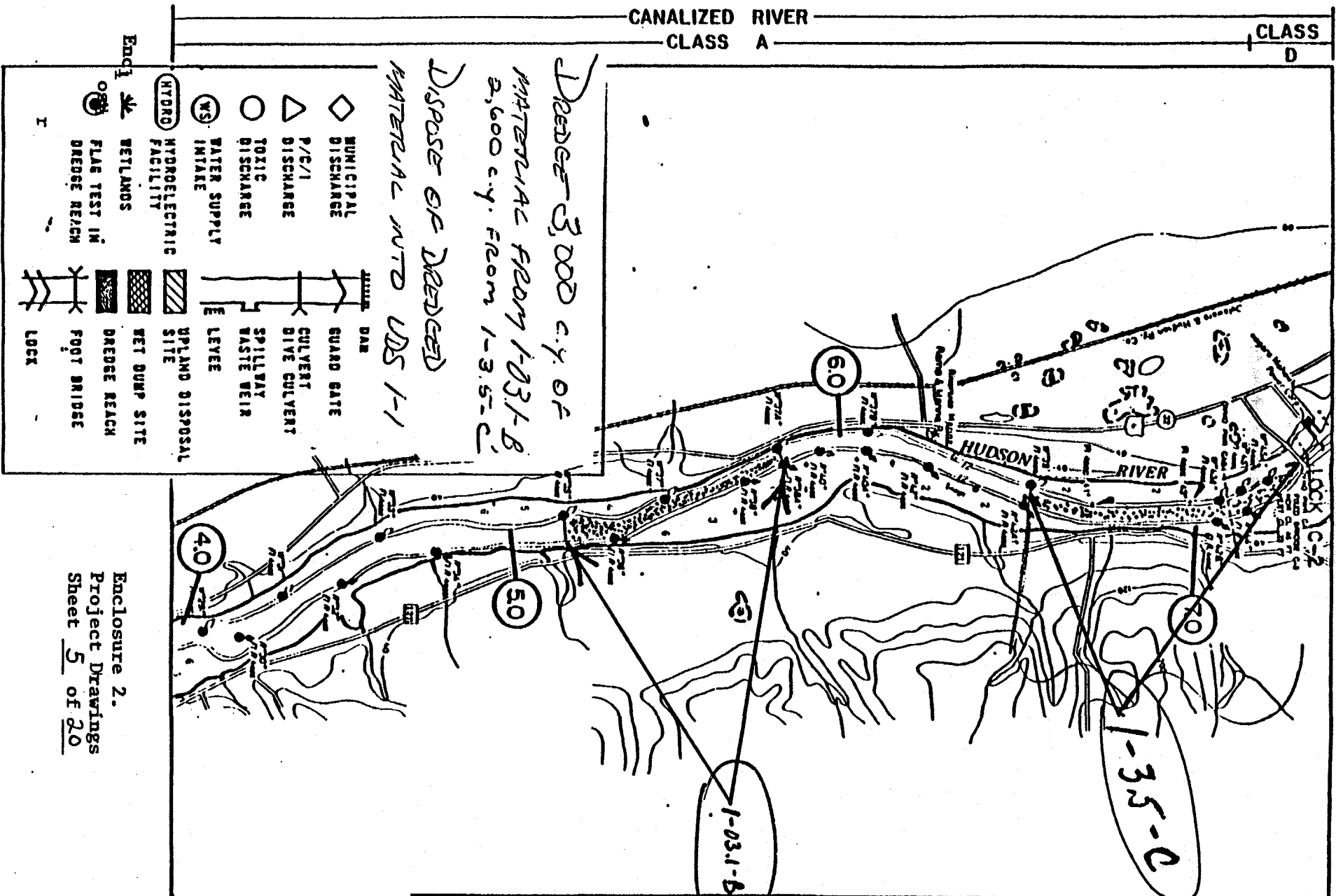
Enclosure 2.
Project Drawings
Sheet 4 of 20

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 0.0 TO 4.0

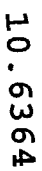


CLASS
D

CANALIZED RIVER
CLASS A



Enclosure 2.
Project Drawings
Sheet 5 of 20



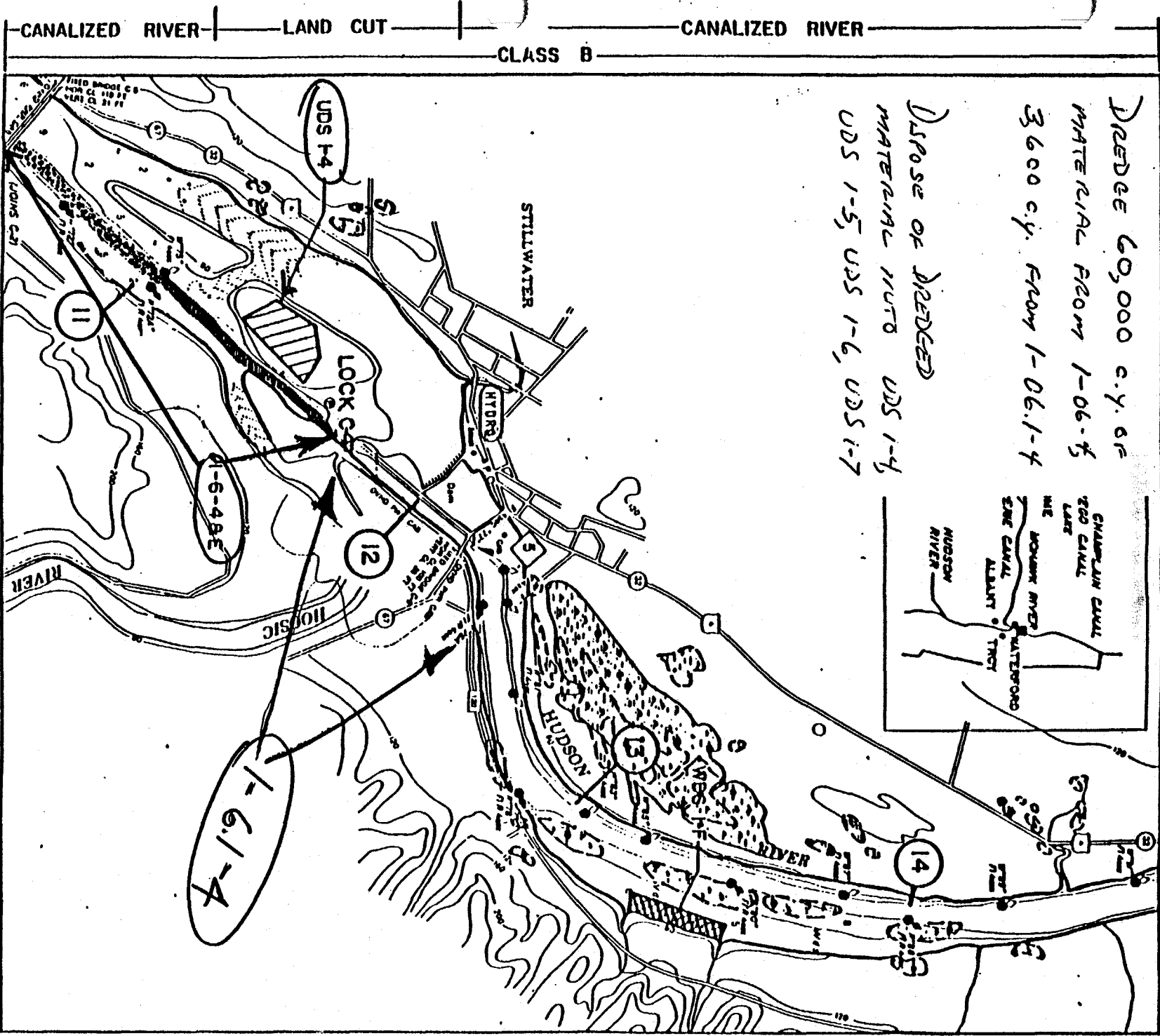
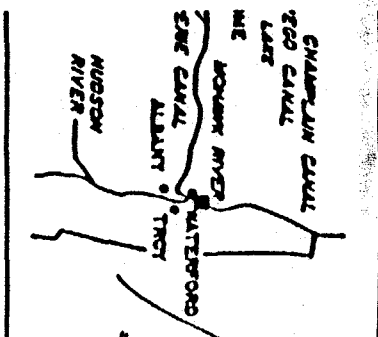
FEET 0 1800 3600 5400

MILES 0 1 1/2 364.3

**NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE-4.0 TO 10**

REDUCE 60,000 c.y. of
MATERIAL FROM 1-06-75
3600 c.y. FROM 1-06.1-4

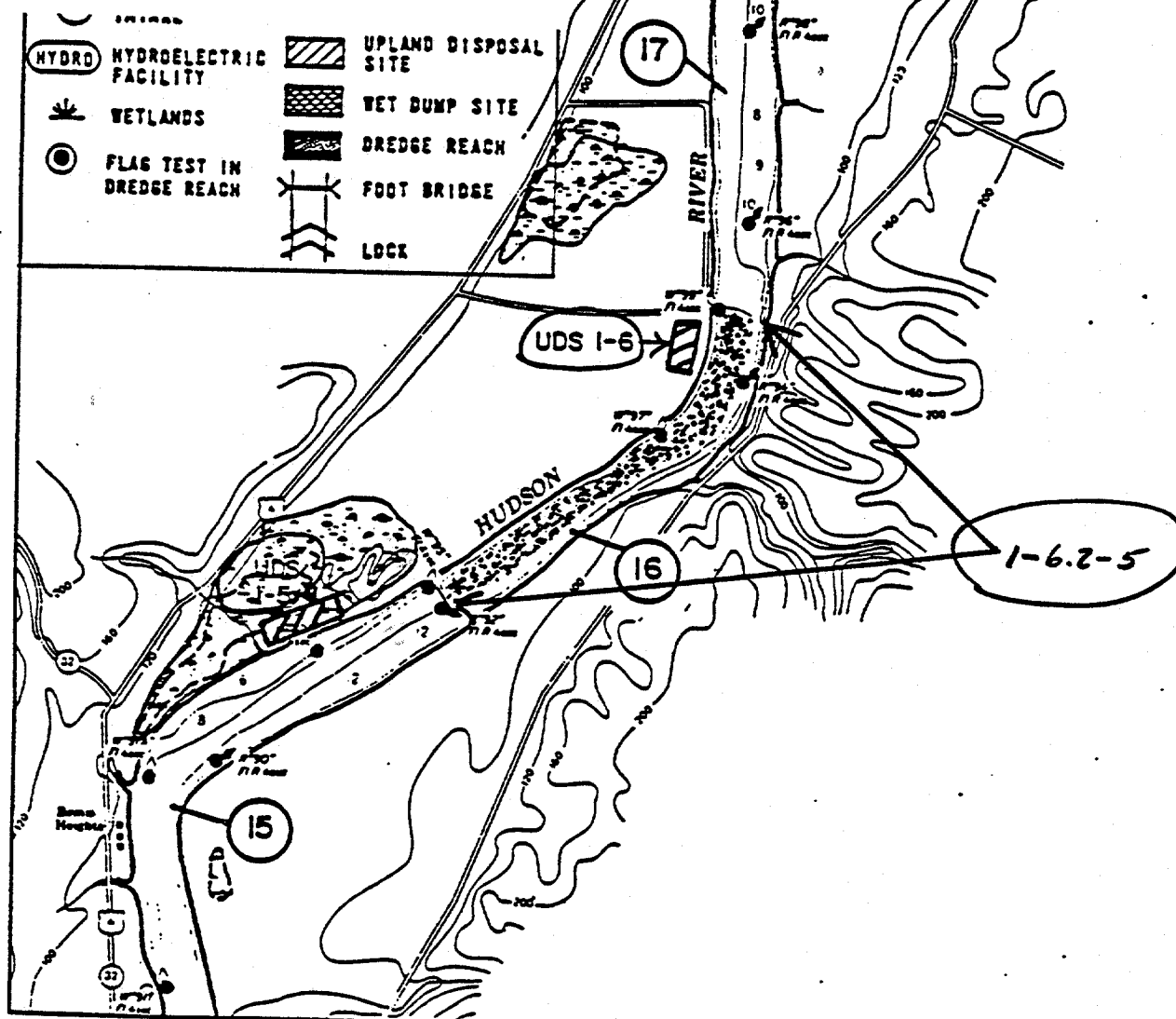
DISPOSE OF REDUCED
MATERIAL INTO UDS 1-4,
UDS 1-5, UDS 1-6, UDS 1-7



Enclosure 2.
Project Drawings
Sheet 7 of 20

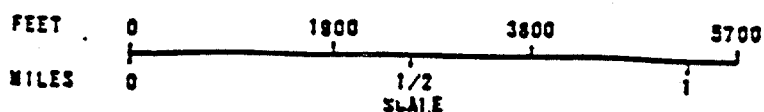
DREDGE 35,000 C.Y.
OF MATERIAL FROM
1-6.2-5

DISPOSE OF DREDGED
MATERIAL INTO
UDS 1-5

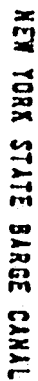


Enclosure 2.
Project Drawings
Sheet 8 of 20

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 11 TO 18

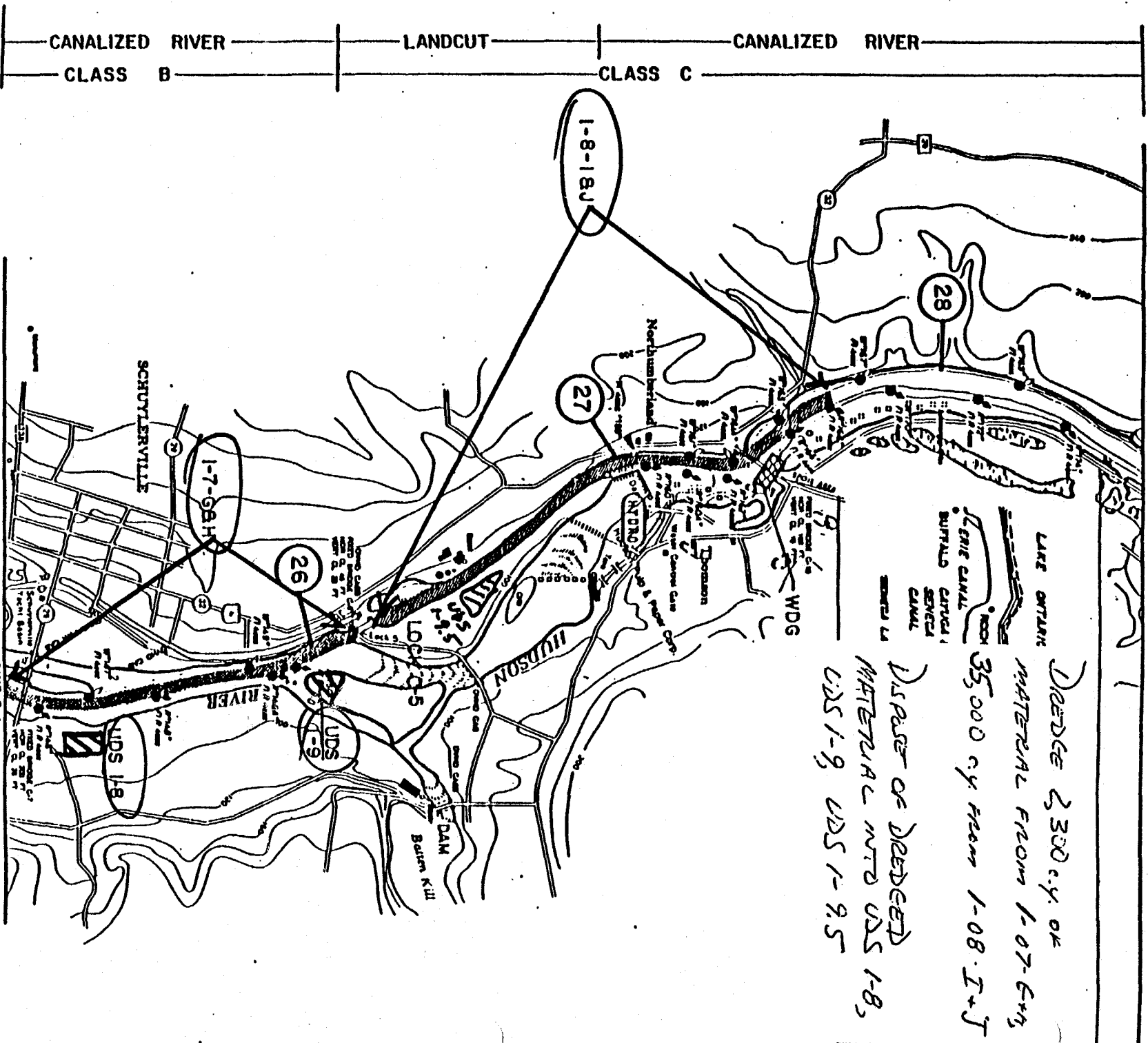


D/CN-4b











FEET
 0 1800 3600 5700
 MILES
 0 1/2 1
 SCALE

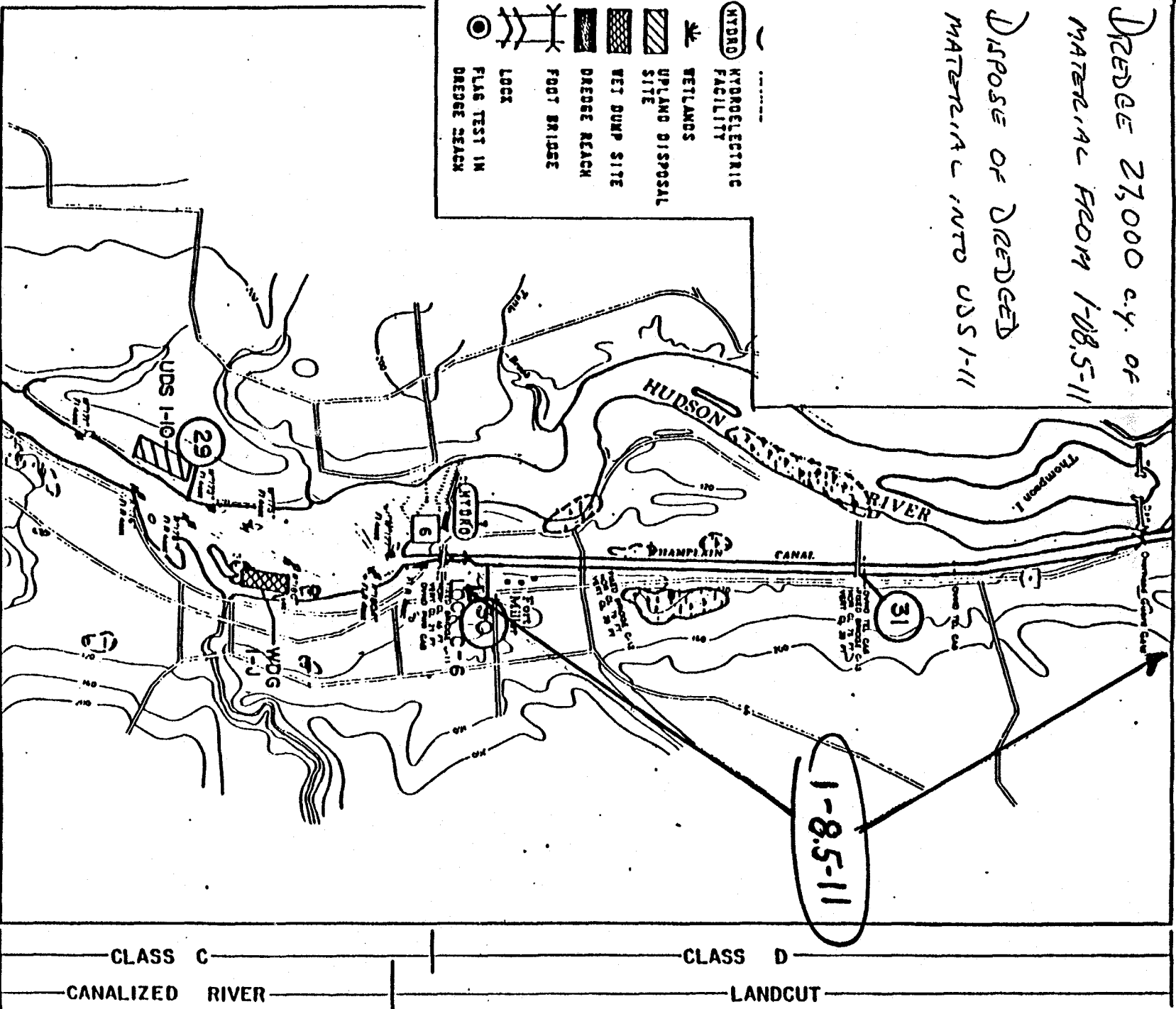
10.6367



Enclosure 2.
Project Drawings
Sheet 10 of 20

DREDGE 27,000 c.y. of
MATERIAL FROM 1-08.5-11
DISPOSE OF DREDGED
MATERIAL INTO UDS 1-11

-  HYDROELECTRIC FACILITY
-  WETLANDS
-  UPLAND DISPOSAL SITE
-  WET DUMP SITE
-  DREDGE REACH
-  FOOT BRIDGE
-  LOCK
-  FLAG TEST IN DREDGE REACH



Enclosure 2.
Project Drawings
Sheet 11 of 20

10.6369

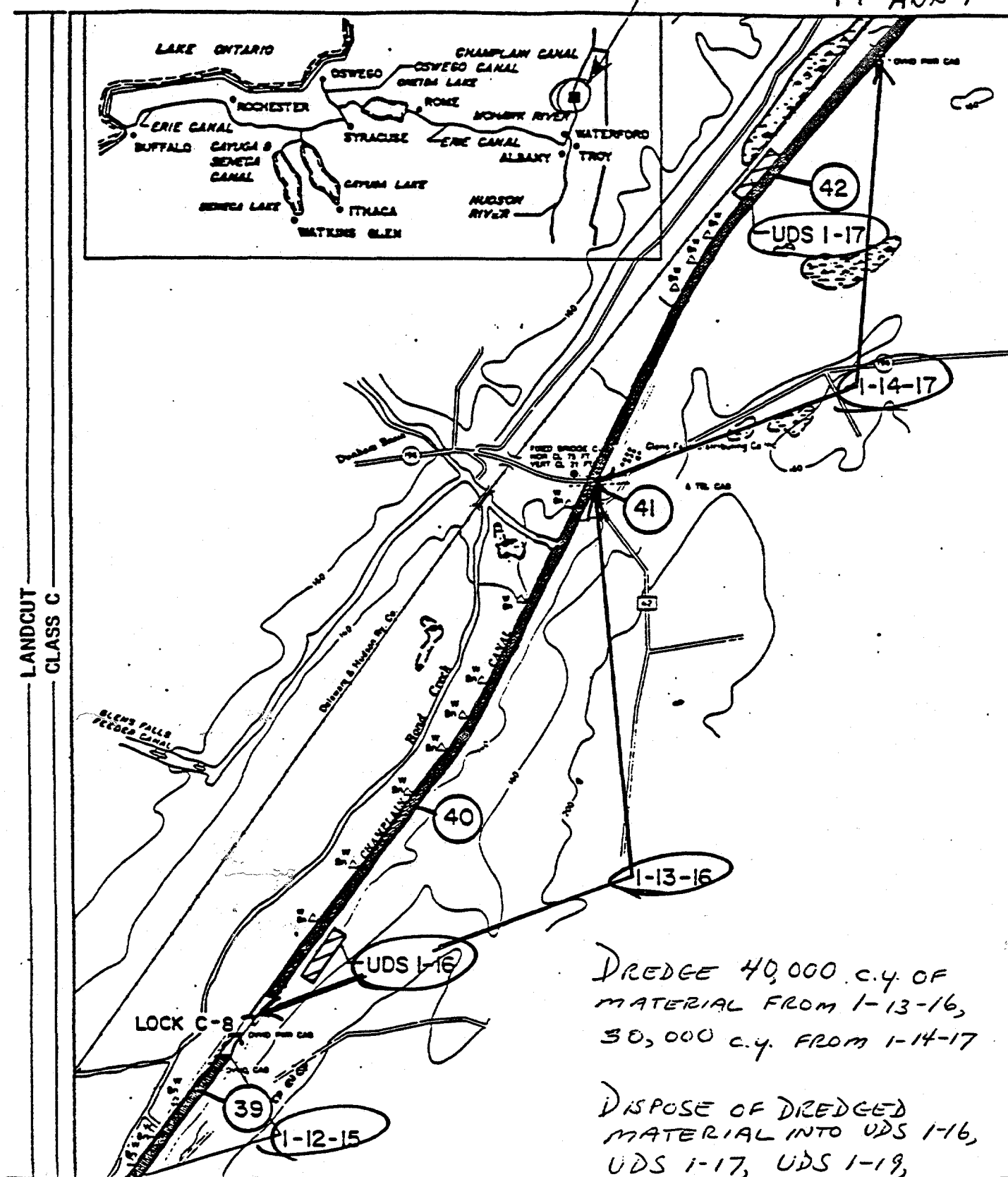
10.6370

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01

FEET
0 1000 2000 3000
1/2
SCALE

SITE

FT ANN ~~1~~



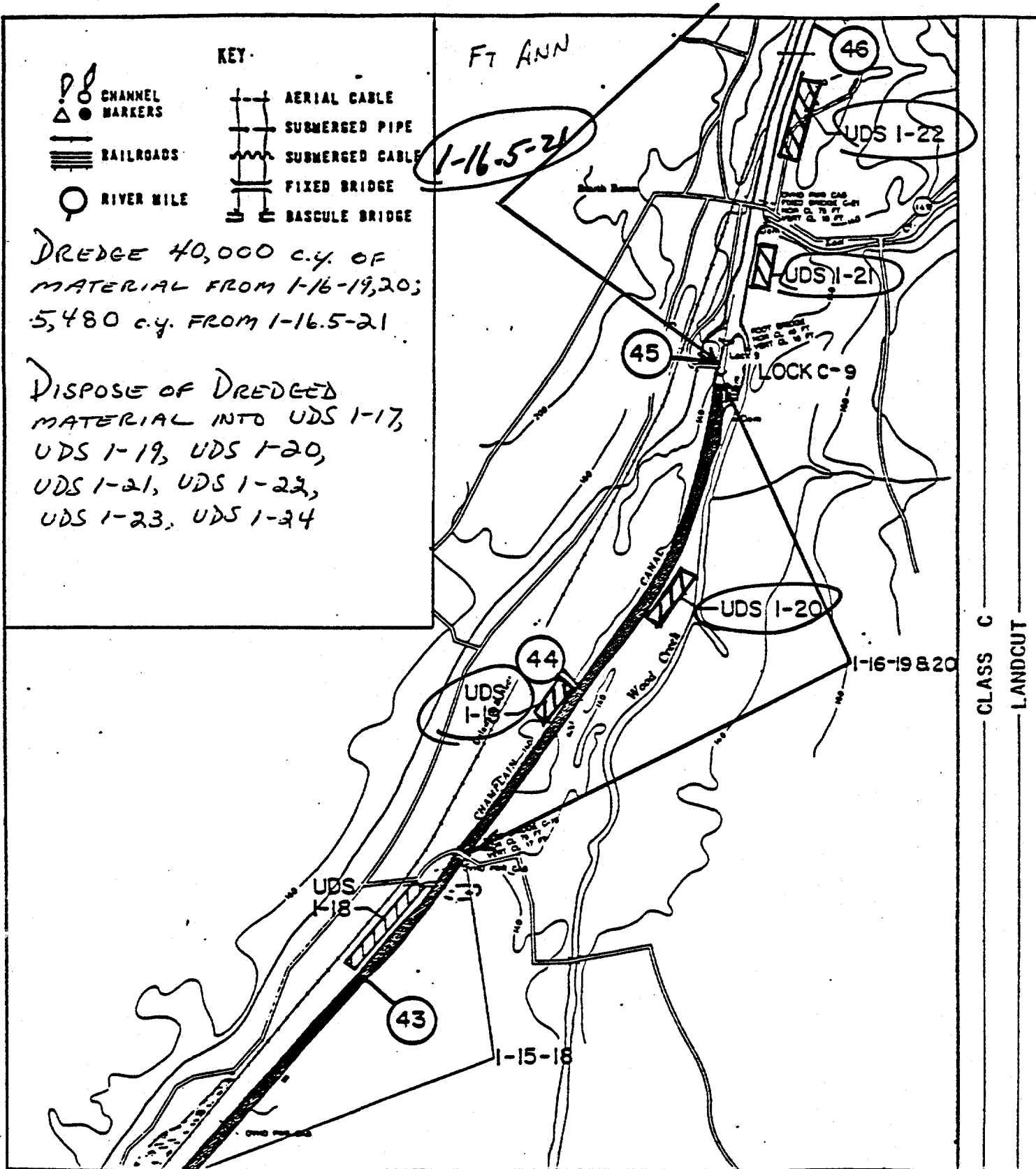
Enclosure 2.
Project Drawings
Sheet 14 of 20

7. EDWARD

HUDSON RIVER

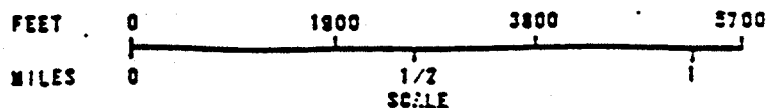
DREDGE 40,000 C.Y. OF
MATERIAL FROM 1-13-16,
30,000 C.Y. FROM 1-14-17

DISPOSE OF DREDGED
MATERIAL INTO UDS 1-16,
UDS 1-17, UDS 1-19,
UDS 1-20

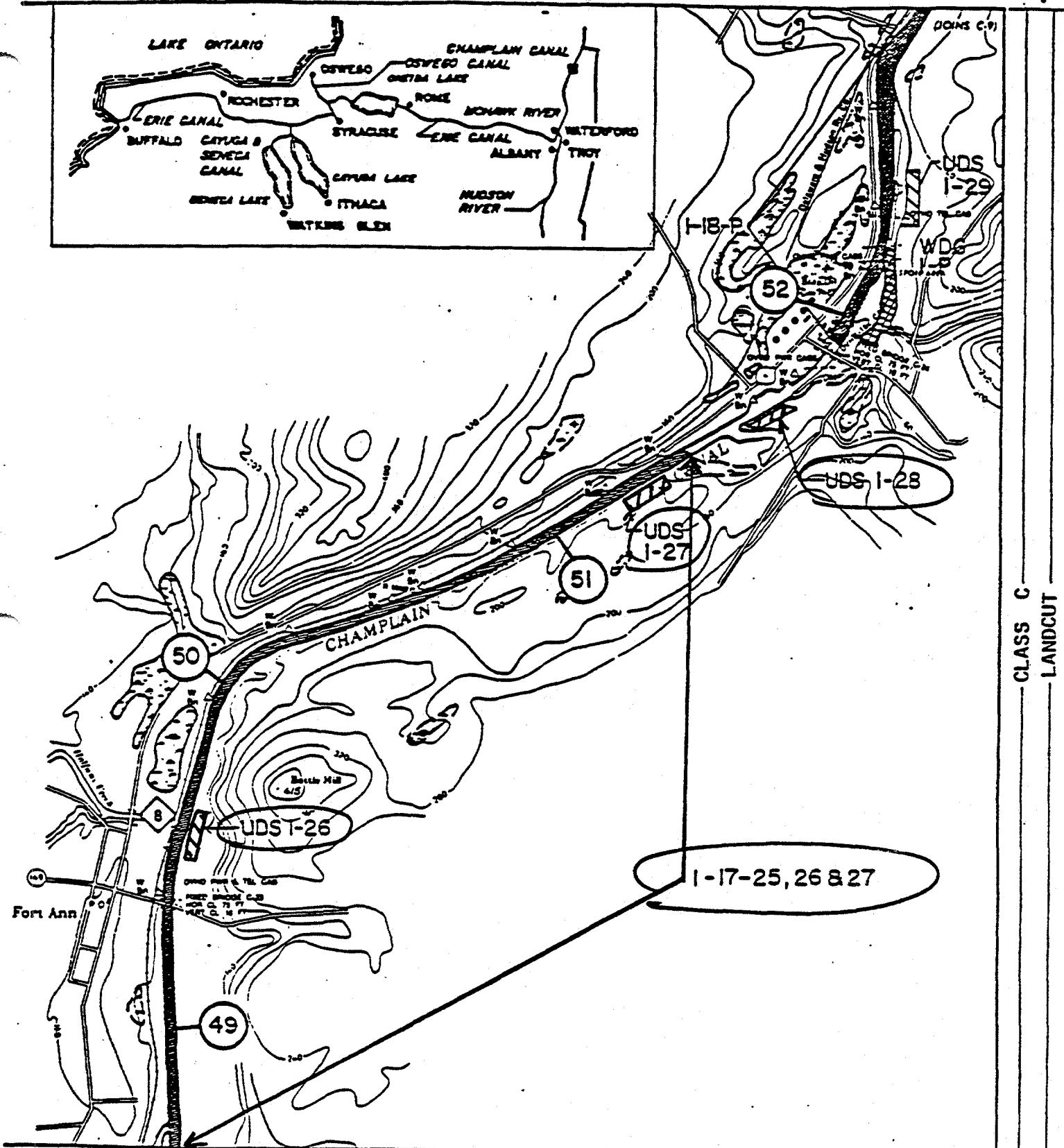


Enclosure 2.
Project Drawings
Sheet 15 of 20

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 39 TO 46



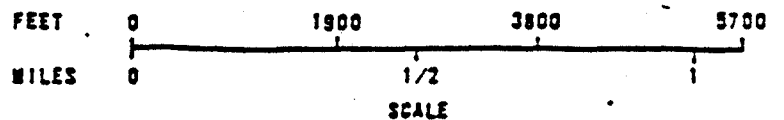
10.6373



Enclosure 2.
Project Drawings
Sheet 17 of 20

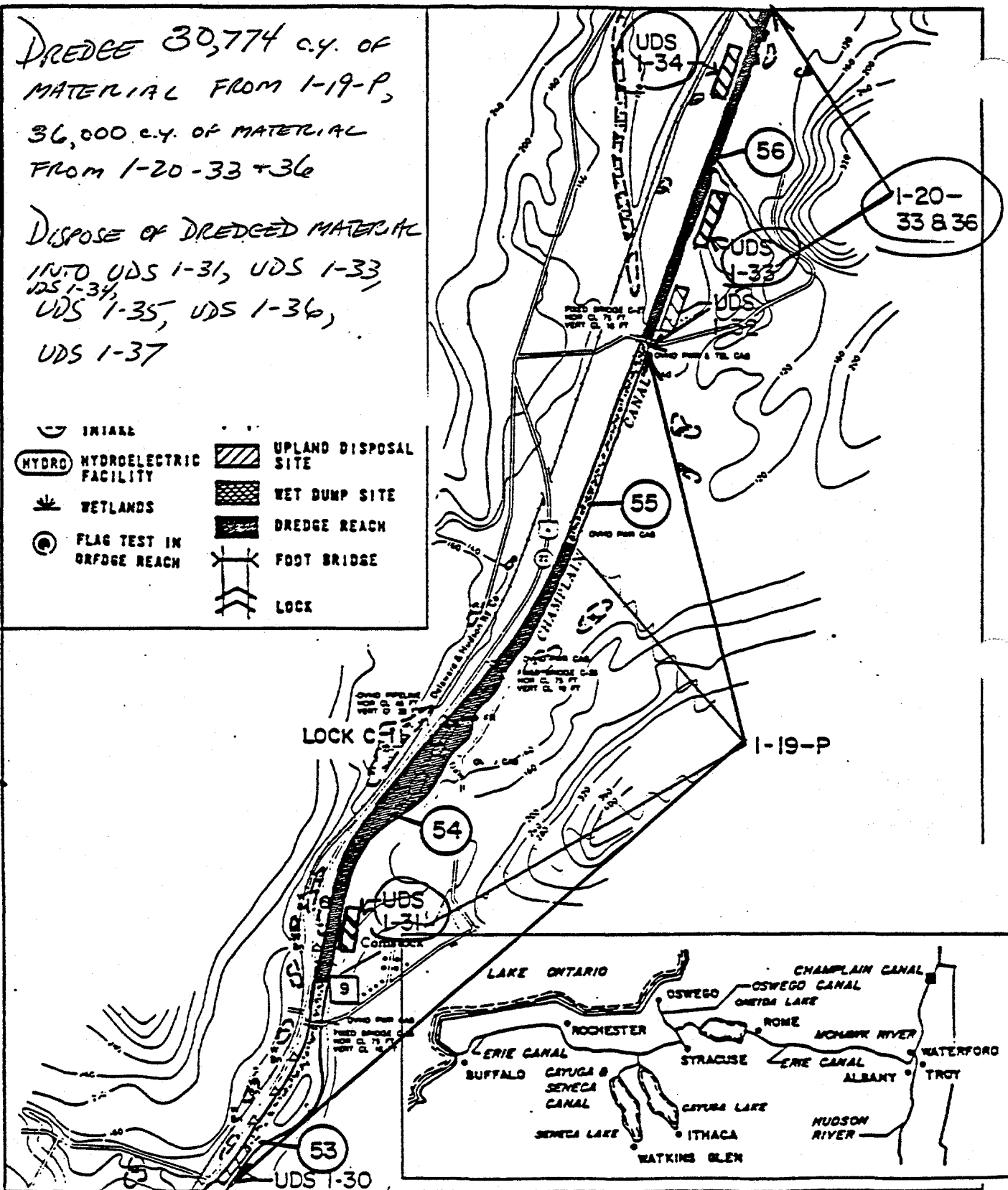
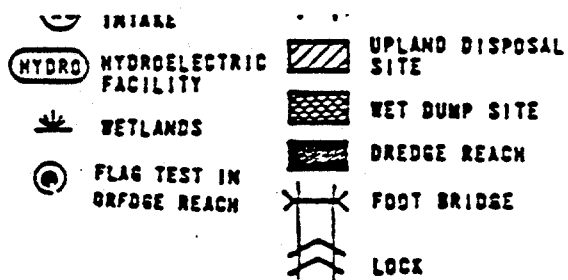
10.6375

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 46 TO 52



DREDGE 30,774 c.y. OF
MATERIAL FROM I-19-P,
36,000 c.y. OF MATERIAL
FROM I-20-33 + 36

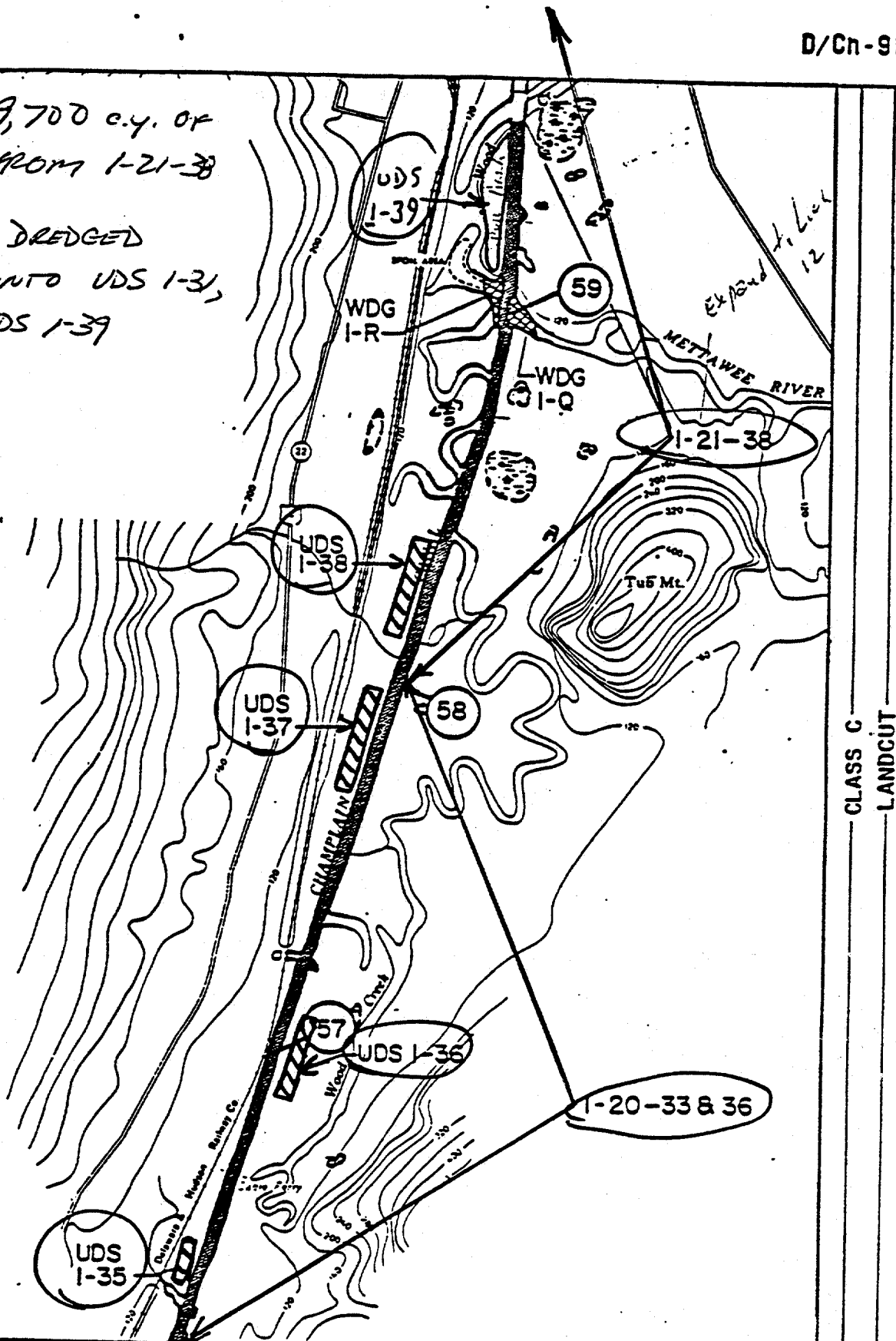
DISPOSE OF DREDGED MATERIAL
INTO UDS I-31, UDS I-33,
UDS I-34,
UDS I-35, UDS I-36,
UDS I-37



Enclosure 2.
Project Drawings
Sheet 18 of 20

DREDGE 19,700 c.y. OF
MATERIAL FROM 1-21-38

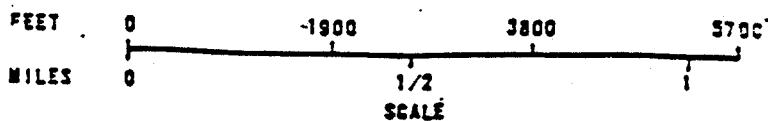
DISPOSE OF DREDGED
MATERIAL INTO UDS 1-31,
UDS 1-38, UDS 1-39



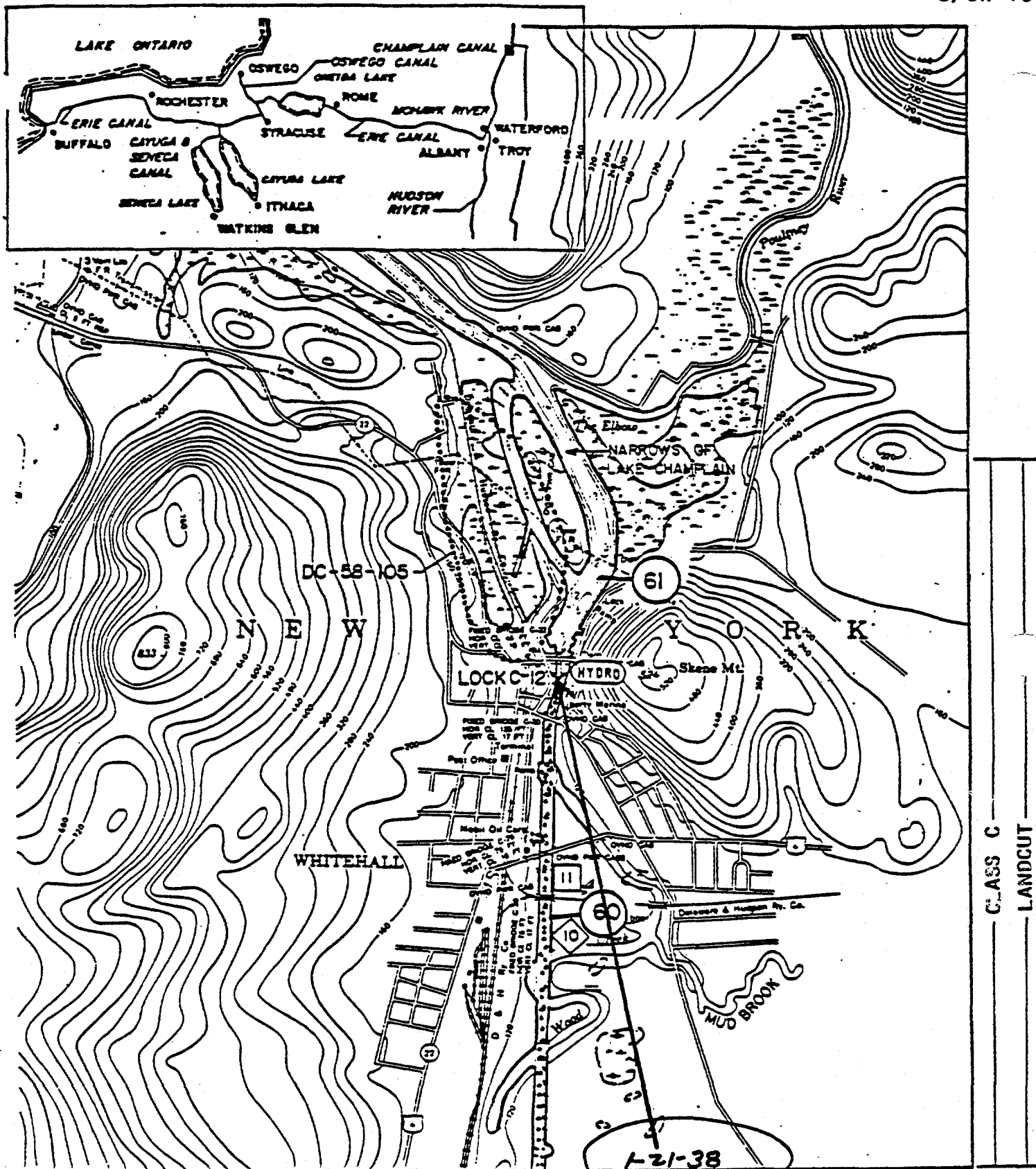
Enclosure 2.
Project Drawings
Sheet 19 of 20

10.6377

NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 53 TO 59

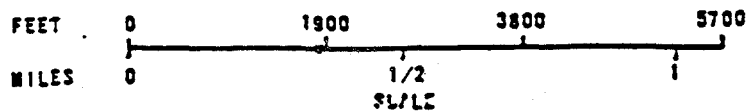


CLASS C
LANDCUT



Enclosure 2.
Project Drawings
Sheet 20 of 20

10.6378



NEW YORK STATE BARGE CANAL
CHAMPLAIN CANAL
REGION 01 SECTION 01
RIVER MILE 60 TO 61