PUBLIC NOTICE

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:2003-00806-YS
Issue Date: April 14, 2006
Expiration Date: May 15, 2006

To Whom It May Concern:

The New York District, Corps of Engineers 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).

APPLICANT: New York City Department of Environmental Protection
Bureau of Environmental Engineering
96-05 Horace Harding Expressway, 5th Fl
Low-Rise Building
Corona, NY 11368-5107

ACTIVITY: The installation of two (2) concrete boat ramps, the rehabilitation of the Croton Falls Reservoir dam, the realignment of Hemlock Dam Road and the replacement of a USGS flow measuring weir.

WATERWAY: Croton Falls Reservoir (Hudson River Basin)

LOCATION: Town of Carmel, Putnam County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your 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, 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.

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 activity. 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 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.

ALL COMMENTS REGARDING THE PERMIT APPLICATION 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 activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. 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 a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit. In a letter dated July 12, 2002, the New York State Office of Parks, Recreation and Historic Preservation (OPRHP) stated that the project will have No Adverse Impact upon properties in or eligible for inclusion in the State and National Registers of Historic Places.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

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 application, you may contact this office at (917) 790-8413 and ask for Brian A. Orzel.

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

---

For Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, the New York City Department of Environmental Protection (NYCDEP), has requested Department of the Army authorization for the discharge of fill material into waters of the United States in association with the construction of two (2) boat ramps, the rehabilitation of the Croton Falls Reservoir dam, the realignment of Hemlock Dam Road and the replacement of a USGS flow measuring weir. The project is proposed within the Croton Falls Reservoir in the Town of Carmel, Putnam County, New York.

The boat ramps would consist of pre-cast concrete panels, placed on top of gravel bedding. The east boat ramp would extend approximately 64 feet-6.75 inches below Ordinary High Water (OHW), and would involve the placement of approximately 227 cubic yards of fill material into approximately 0.06 acres of waters of the United States. The west boat ramp would extend approximately 56 feet-7.75 inches below OHW, and would involve the placement of approximately 121 cubic yards of fill material into approximately 0.03 acres of waters of the United States.

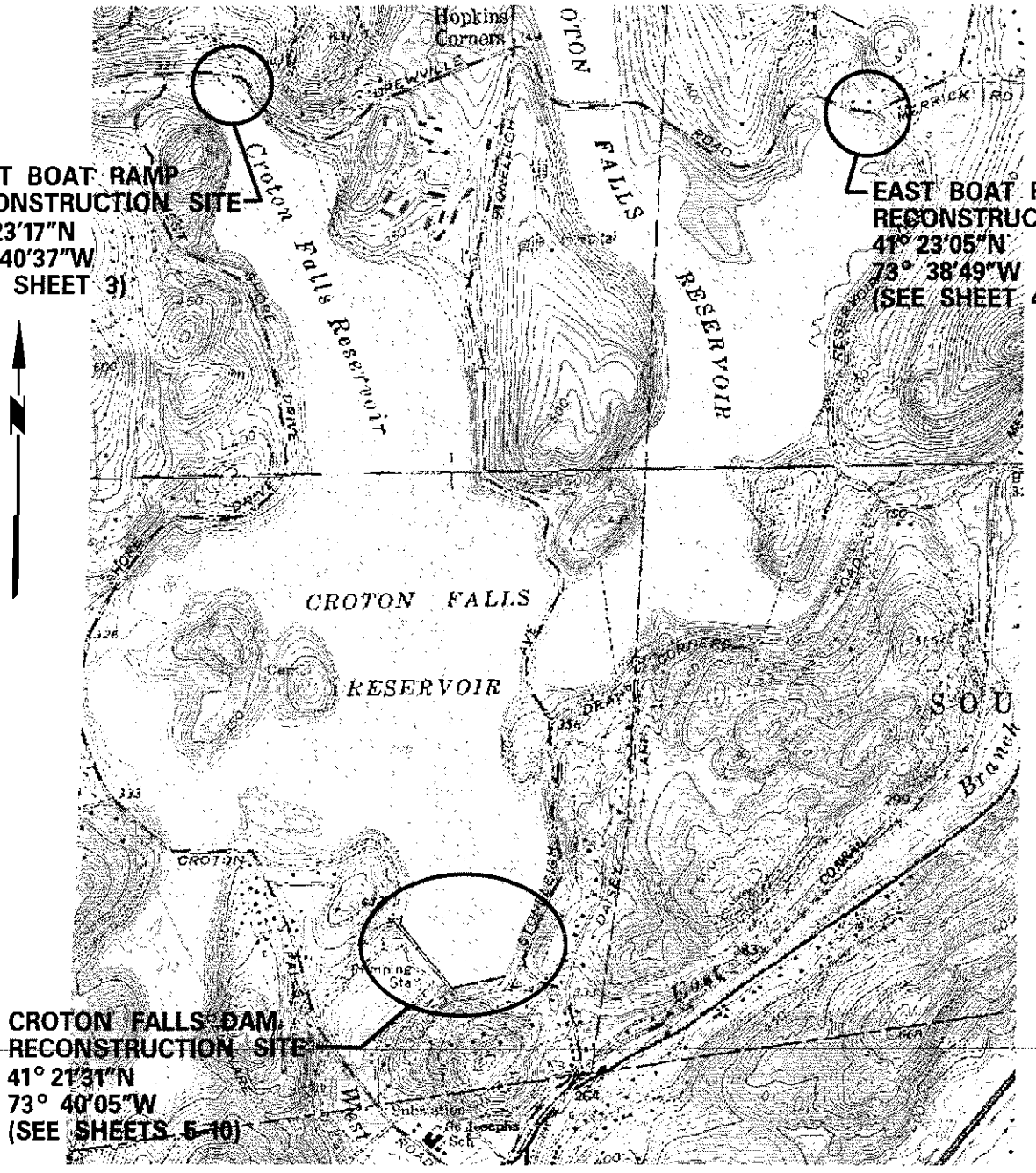
The existing dam and spillway would be rehabilitated, including increasing the width and depth of the existing spillway channel. One earthen and rock cofferdam, would be constructed within the Croton Falls Reservoir, involving the temporary discharge of fill material into approximately 0.52 acres of waters of the United States below OHW. The cofferdam would remain in place for approximately 36 months, and would temporarily dewater approximately 0.17 acres below OHW. The expansion of the existing spillway channel would necessitate the relocation of Hemlock Dam Road, which is located next to the spillway channel. Approximately 150 square feet of wetlands would be permanently filled and approximately 404 square feet of wetlands would be temporarily impacted for the relocation of the road.

Approximately 2,000 cubic yards of sediment would be excavated from in front of the existing intake structure, and would be disposed of within uplands.

In addition, approximately 0.035 acres of the West Branch Croton River, located just downstream of the dam, would be filled for the installation of a USGS weir. This weir would replace an existing, deteriorated USGS measurement station, and would help manage flows out of the dam.

Other activities are proposed that would not involve the placement of fill material into waters of the United States and would not require a permit from this office. These activities include, but are not limited to: the installation of post-tensioned anchors; the replacement of the road at the crest of the dam; the refacing of the dam; the repair or replacement of the existing intake and outlet works; and the reconstruction of the Hemlock Dam Road bridge.

The stated purpose of this project is to bring the dam into compliance with New York State safety standards, to improve the operational safety and reliability of the existing dam and to provide all-weather boat ramps which would allow NYCDEP personnel access to the reservoir for maintenance, inspection and water quality testing.



SCALE 0 0.5 1 MILE

SCALE 0 0.5 1 KM.

MAP BASED ON 1960 U.S.G.S. 7.5-MINUTE QUADRANGLE SHEETS: CROTON FALLS, LAKE CARMEL

PROJECT LOCATION IN CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

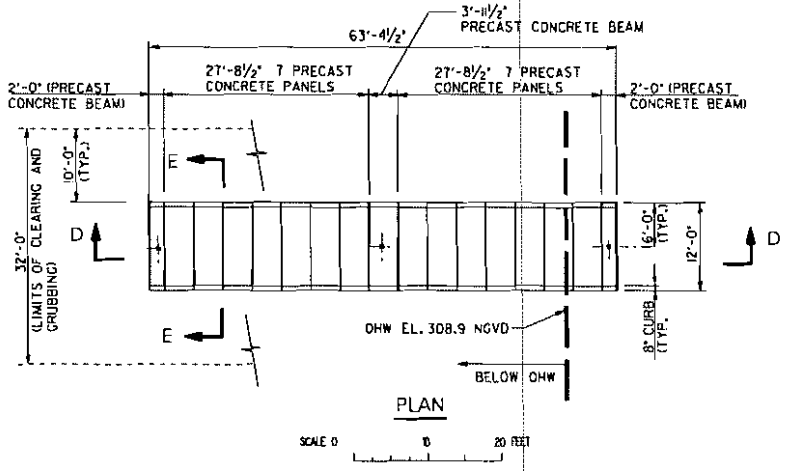
SHEET 1 OF 10 DATE: FEB. 2006

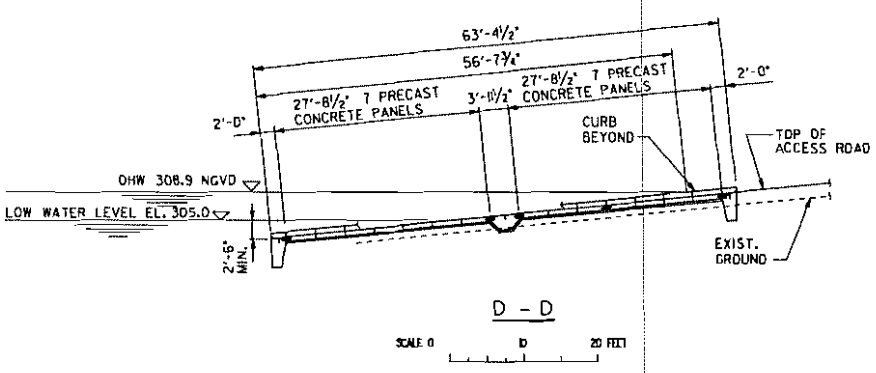
CROTON FALLS DAM						
SUMMARY OF QUANTITIES FOR WATERS OF THE U.S.						
		Permanent Construction		Temporary Construction		
Water Body	**Work Performed**	**Area Affected (sq ft)**	**Fill Volume (CY)**	**Area Disturbed (sq ft)**	**Area Dewatered (sq ft)**	**Fill Volume (CY)**
Croton Falls Reservoir	West Boat Ramp [1]	1,387	121	0	0	0
Croton Falls Reservoir	East Boat Ramp [2]	2,607	227	0	0	0
Croton Falls Reservoir	Spillway Cofferdam [3]	0	0	22,484	7,613	4,991
West Branch, Croton River	USGS Gaging Station Weir [4]	1,533	120	0	0	0
Totals		**5,527**	**468**	**22,484**	**7,613**	**4,991**

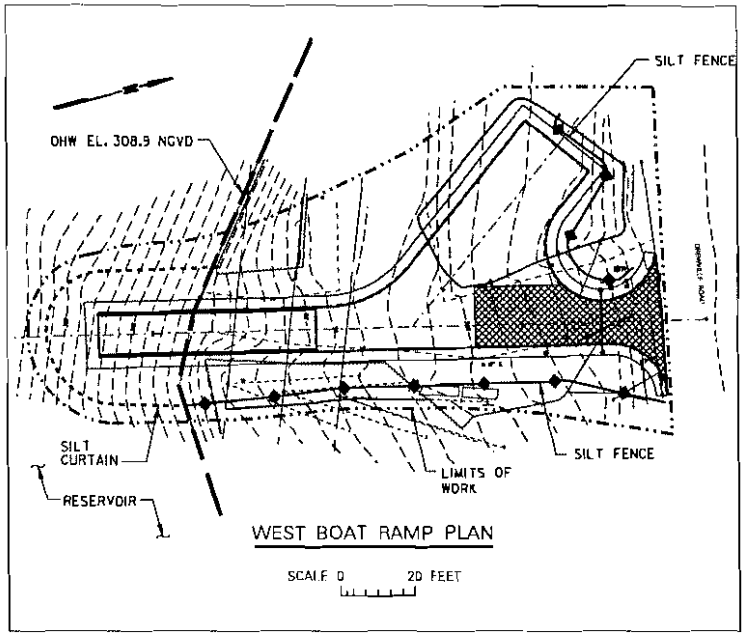
1 - Refer to Sheet 3 of the following sketches
2 - Refer to Sheet 4 of the following sketches
3 - Refer to Sheet 7 of the following sketches
4 - Refer to Sheet 10 of the following sketches

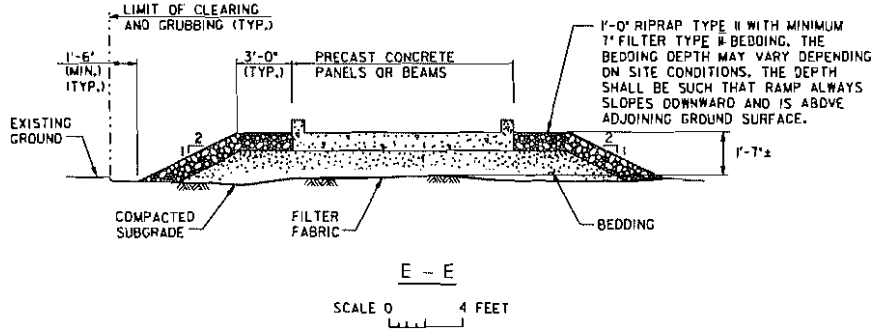
SUMMARY OF QUANTITIES FOR WETLANDS				
	Permanent Construction		Temporary Construction	
Wetland Area	**Area Affected (sq ft)**	**Fill Volume (CY)**	**Area Disturbed (sq ft)**	**Fill Volume (CY)**
South of Hemlock Dam Road [5]	150	11	404	0
Totals	**150**	**11**	**404**	**0**

5 -Refer to Sheet 8 of the following sketches for additional information.









FILL QUANTITIES BELOW ORDINARY HIGH WATER

BEDDING & RIPRAP 104 CY
CONCRETE PANELS 17 CY

FILL AREA BELOW ORDINARY HIGH WATER

1,387 SF

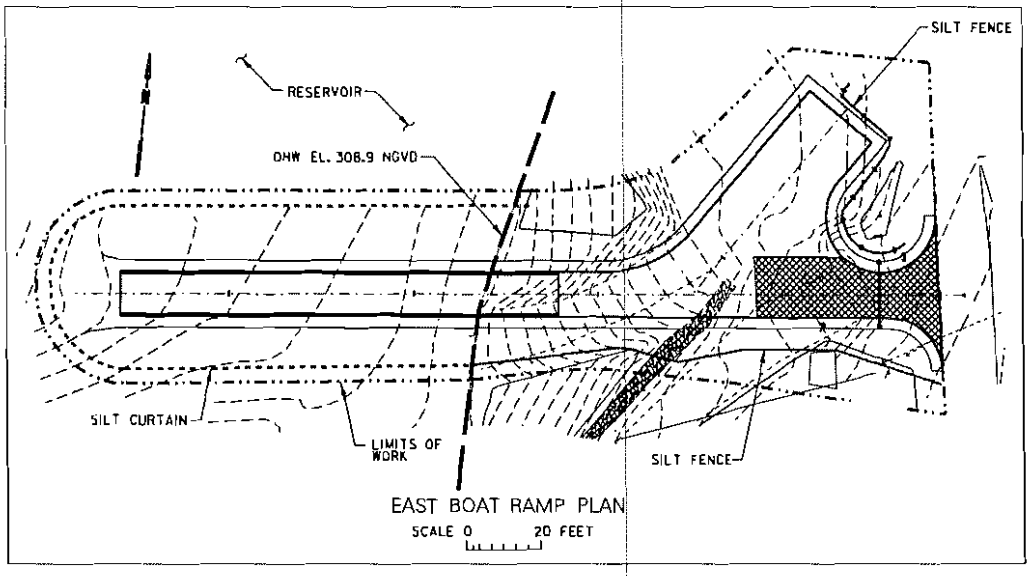
DATUM: NGVD
ADJACENT PROPERTY OWNERS: NONE

WEST BOAT RAMP RECONSTRUCTION IN CROTON FALLS RESERVOIR

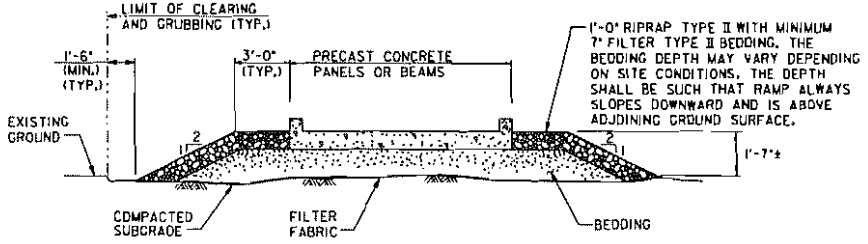
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

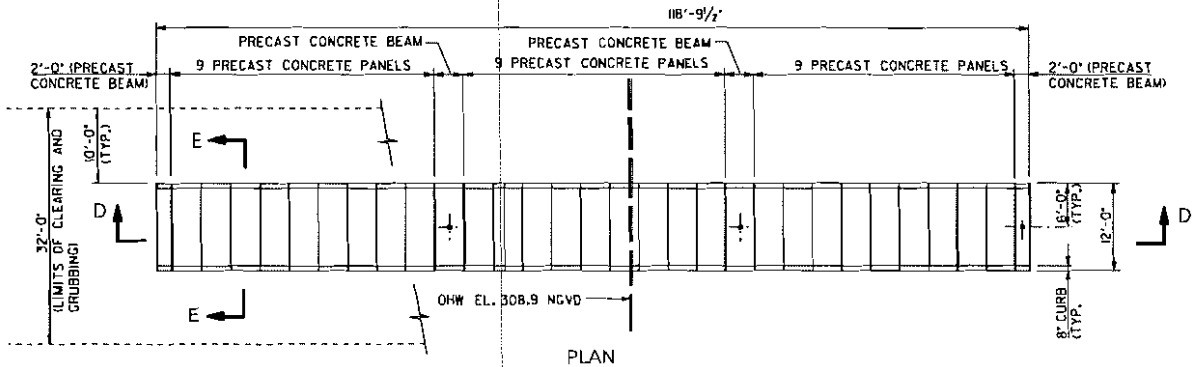
SHEET 3 OF 10 **DATE: FEB. 2006**



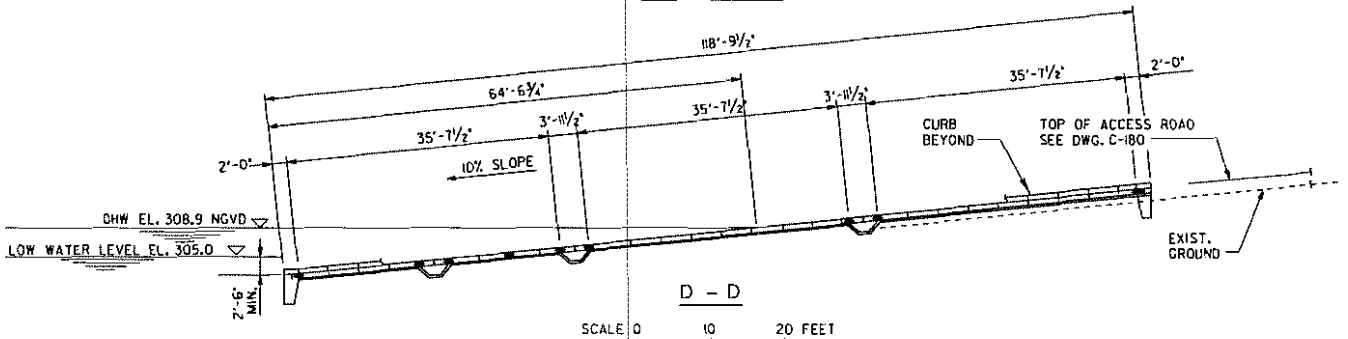
EAST BOAT RAMP PLAN
SCALE 0 20 FEET



E – E
SCALE 0 4 FEET



PLAN
SCALE 0 10 20 FEET



D – D
SCALE 0 10 20 FEET

FILL QUANTITIES BELOW ORDINARY HIGH WATER
BEDDING & RIPRAP 196 CY
CONCRETE PANELS 31 CY

FILL AREA BELOW ORDINARY HIGH WATER
2,607 SF

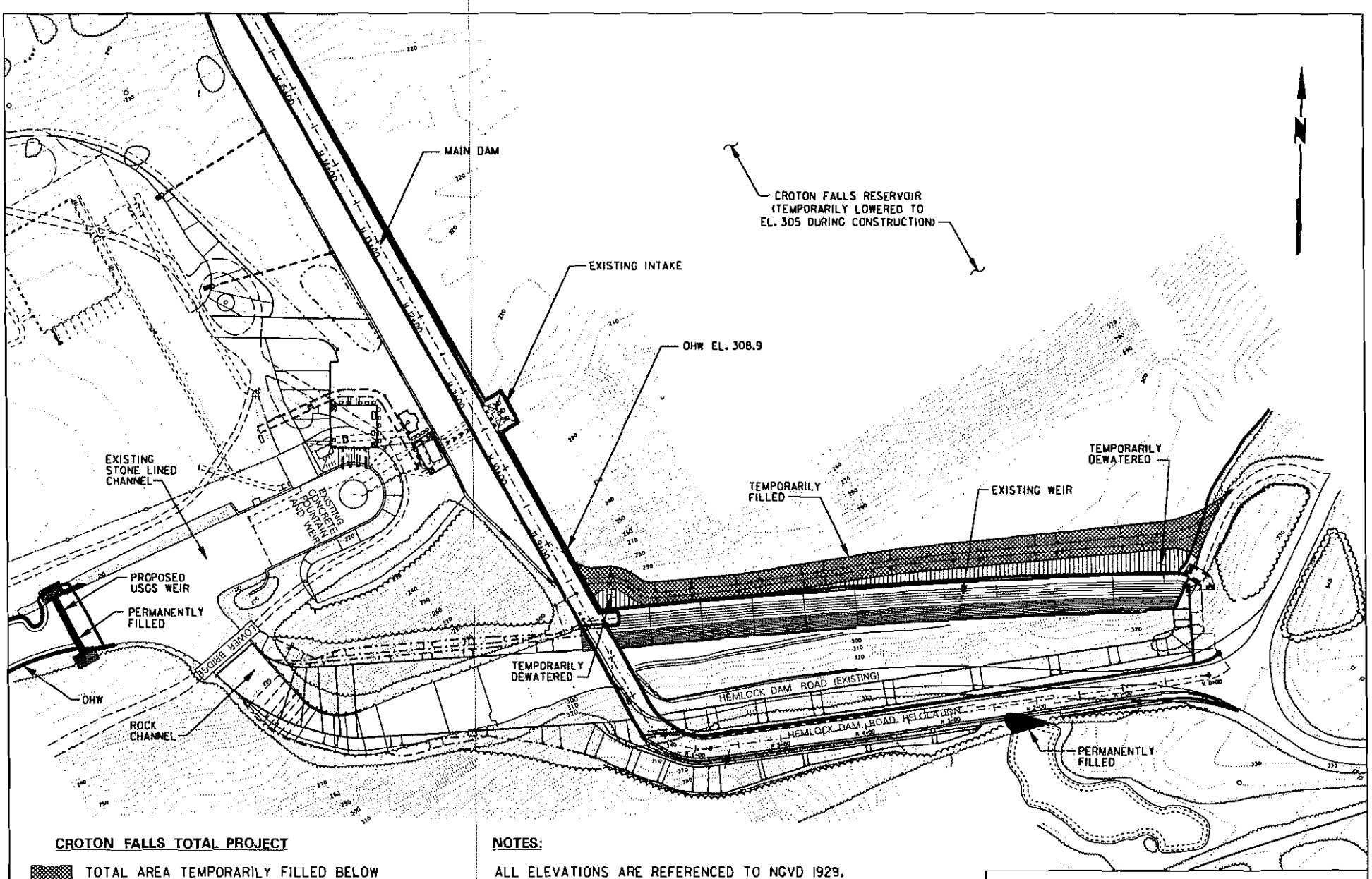
DATUM: NGVD
ADJACENT PROPERTY OWNERS: NONE

EAST BOAT RAMP RECONSTRUCTION IN CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 4 OF 10 **DATE: FEB. 2006**



CROTON FALLS TOTAL PROJECT

TOTAL AREA TEMPORARILY FILLED BELOW ORDINARY HIGH WATER (COFFERDAMS)

22,484 SF

TOTAL AREA TEMPORARILY DEWATERED BELOW ORDINARY HIGH WATER (COFFERDAMS)

7,613 SF

VOLUME OF PERMANENT FILL IN WATERS OF US (BOAT RAMPS, WEIR)

468 CY

NOTES:

ALL ELEVATIONS ARE REFERENCED TO NGVD 1929.

OHW : ORDINARY HIGH WATER
NGVD : NATIONAL GEODETIC VERTICAL DATUM (1929)

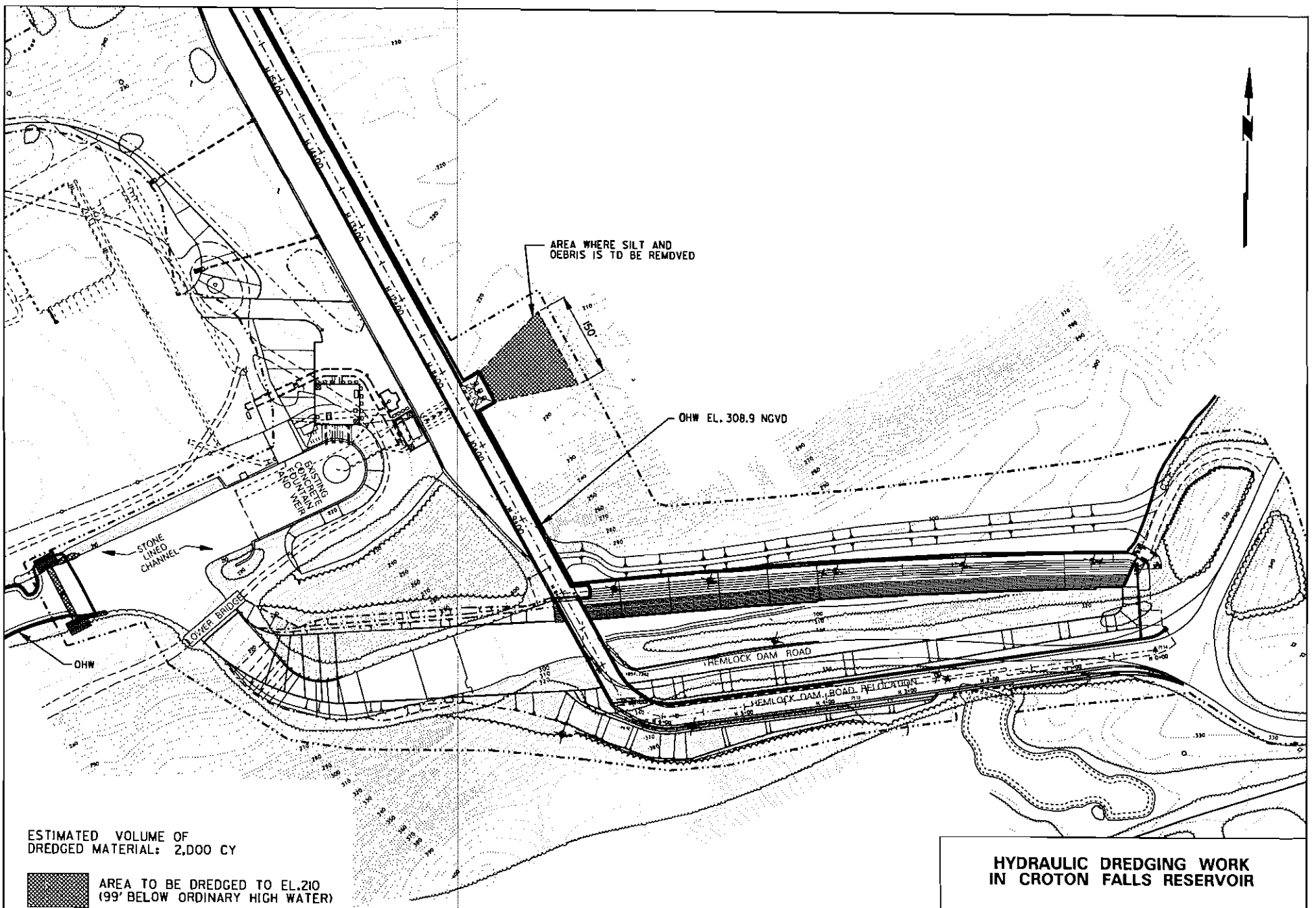
SCALE 0 60 120 180 FEET

DAM, RESERVOIR AND SPILLWAY WORK IN CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 5 OF 10 DATE: FEB. 2006



ESTIMATED VOLUME OF
DREDGED MATERIAL: 2,000 CY

AREA TO BE DREDGED TO EL.210
(99' BELOW ORDINARY HIGH WATER)

NOTE:
DREDGED MATERIAL TO BE DISPOSED OF OFF SITE IN
ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

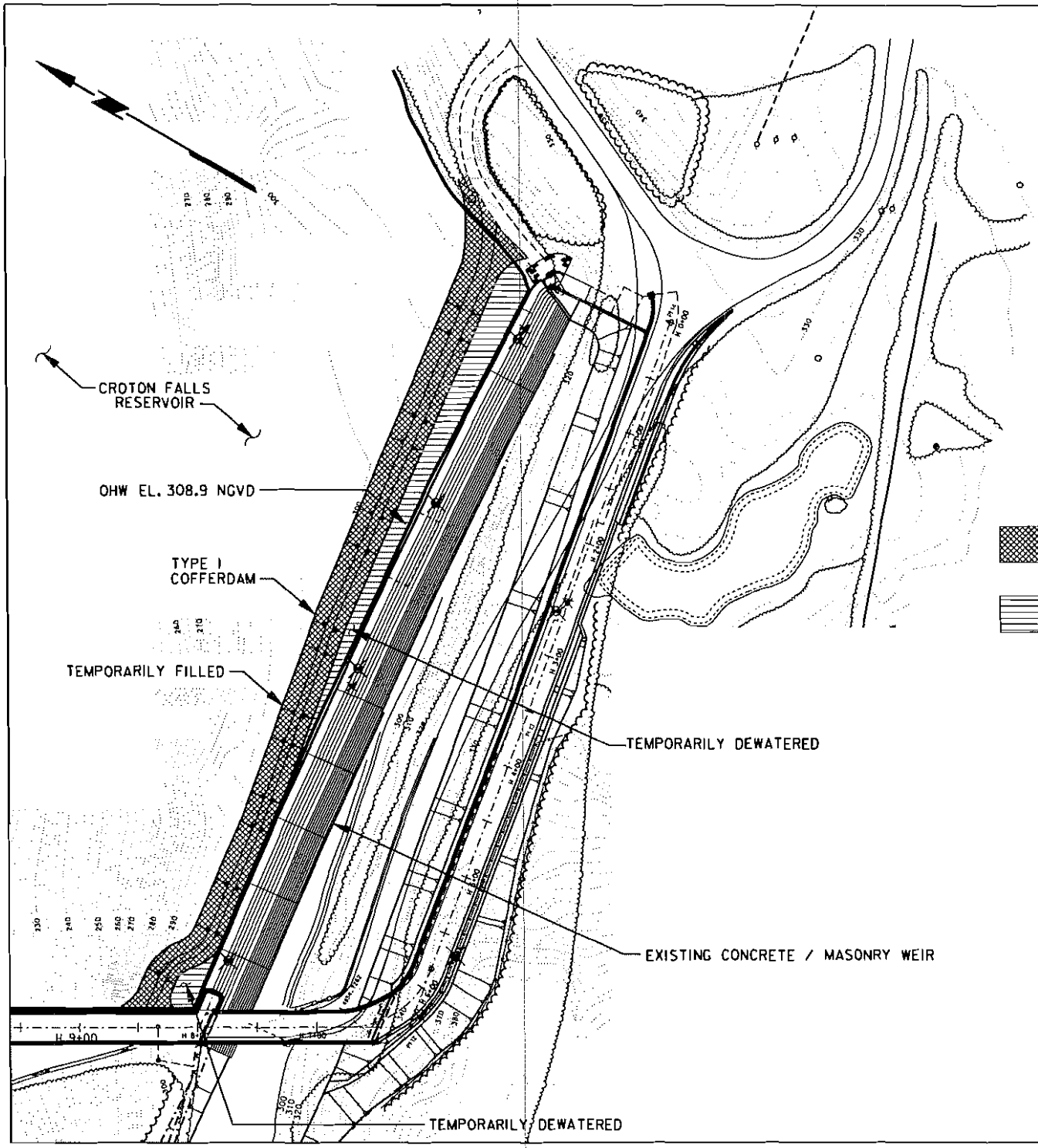
SCALE 0 60 120 180 FEET
1" = 60'

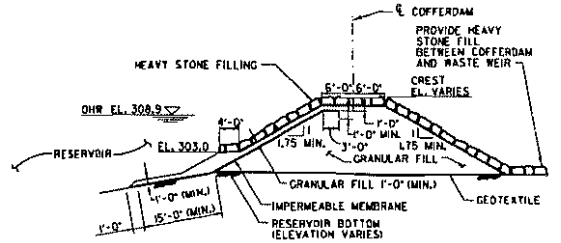
HYDRAULIC DREDGING WORK IN CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 6 OF 10 DATE: FEB. 2006





NOTE:
HEAVY STONE FILLING TO BE PROVIDED TO EL. 302.0 UNLESS THE EXISTING BOTTOM IS ENCOUNTERED AT 303.0 OR HIGHER. IN THIS CASE THE MEDIUM STONE FILLING SHALL BE TERMINATED 1'-0" ABOVE THE EXISTING BOTTOM.

TYPE I COFFERDAM
NOT TO SCALE

AREA TEMPORARILY FILLED BELOW ORDINARY HIGH WATER

22,484 SF

AREA TEMPORARILY DEWATERED BELOW ORDINARY HIGH WATER

7,613 SF

VOLUME TEMPORARILY FILLED BELOW ORDINARY HIGH WATER

4,991 CY

DURATION EMPLACEMENT

36 MONTHS: AREA TO BE RETURNED TO PRE-CONSTRUCTION CONTOURS

SCALE 0 60 120 180 FEET

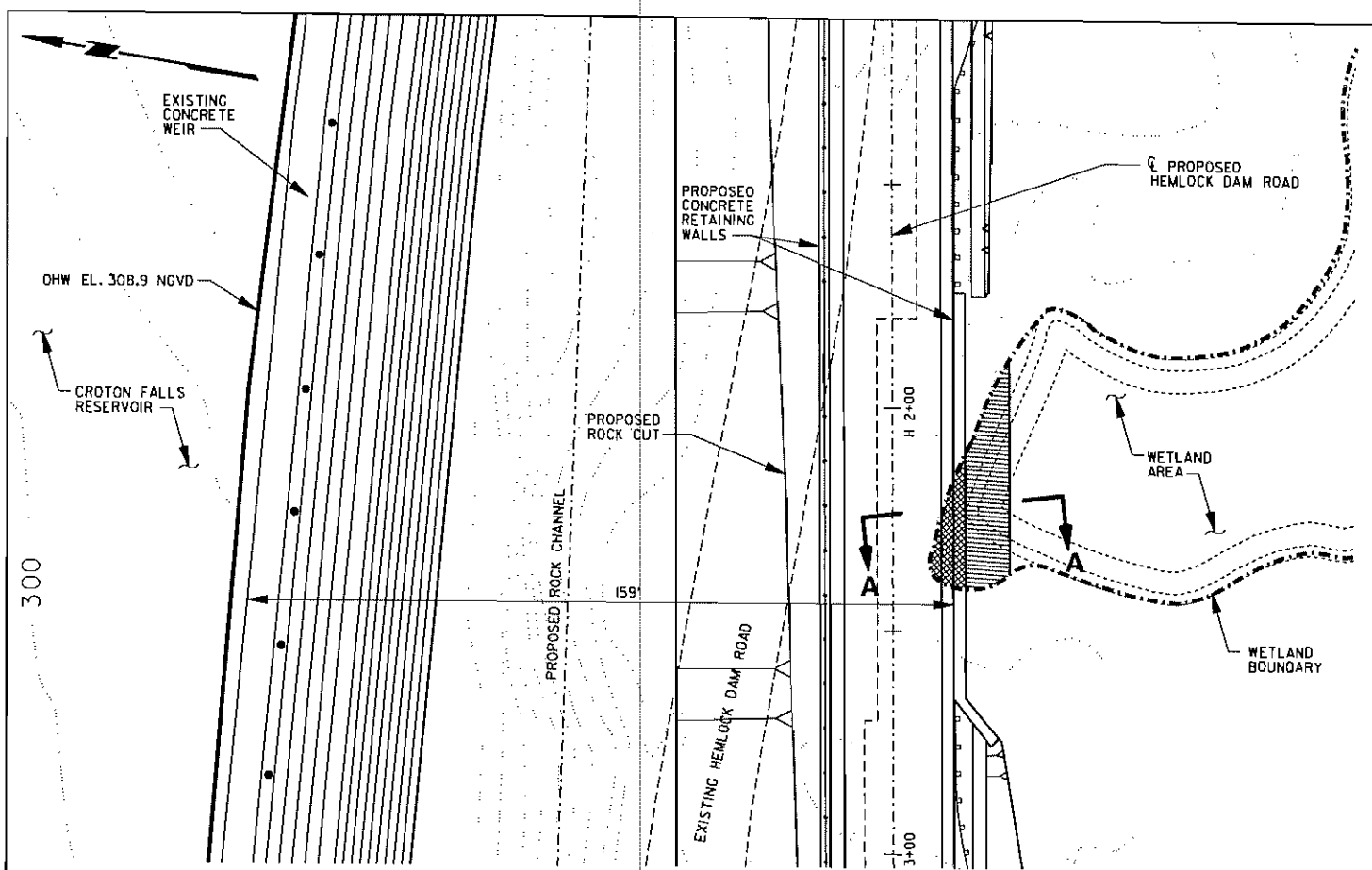
1" = 60'

SPILLWAY COFFERDAM IN CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 7 OF 10 DATE: FEB. 2006



PERMANENT FILL QUANTITIES BELOW ORDINARY HIGH WATER LEVEL FOR WETLAND

FILL (CONCRETE RETAINING WALL AND FOUNDATION)

11 CY

150 SF

TEMPORARY FILL QUANTITIES BELOW ORDINARY WATER LEVEL

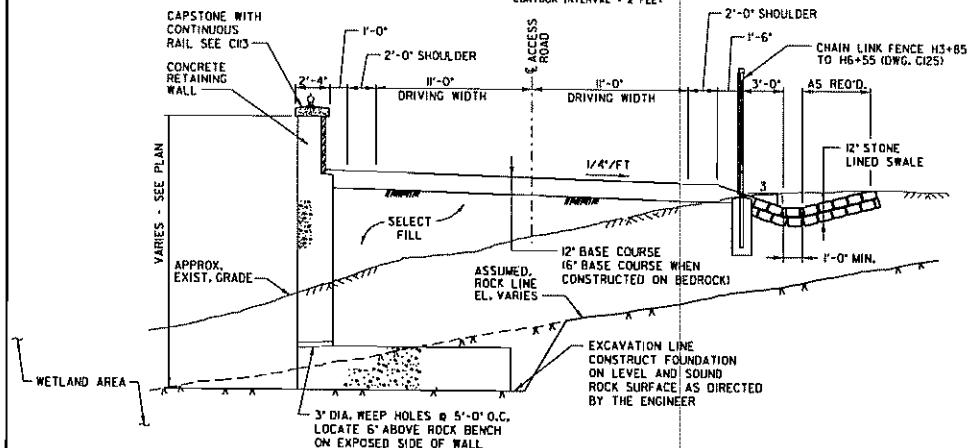
FILL 0 CY

AREA DISTURBED 404 SF

PLAN

SCALE 0 30 FEET

CONTOUR INTERVAL = 2 FEET



SECTION A-A

ROADWAY SECTION AND RETAINING WALL (HEMLOCK DAM ROAD)

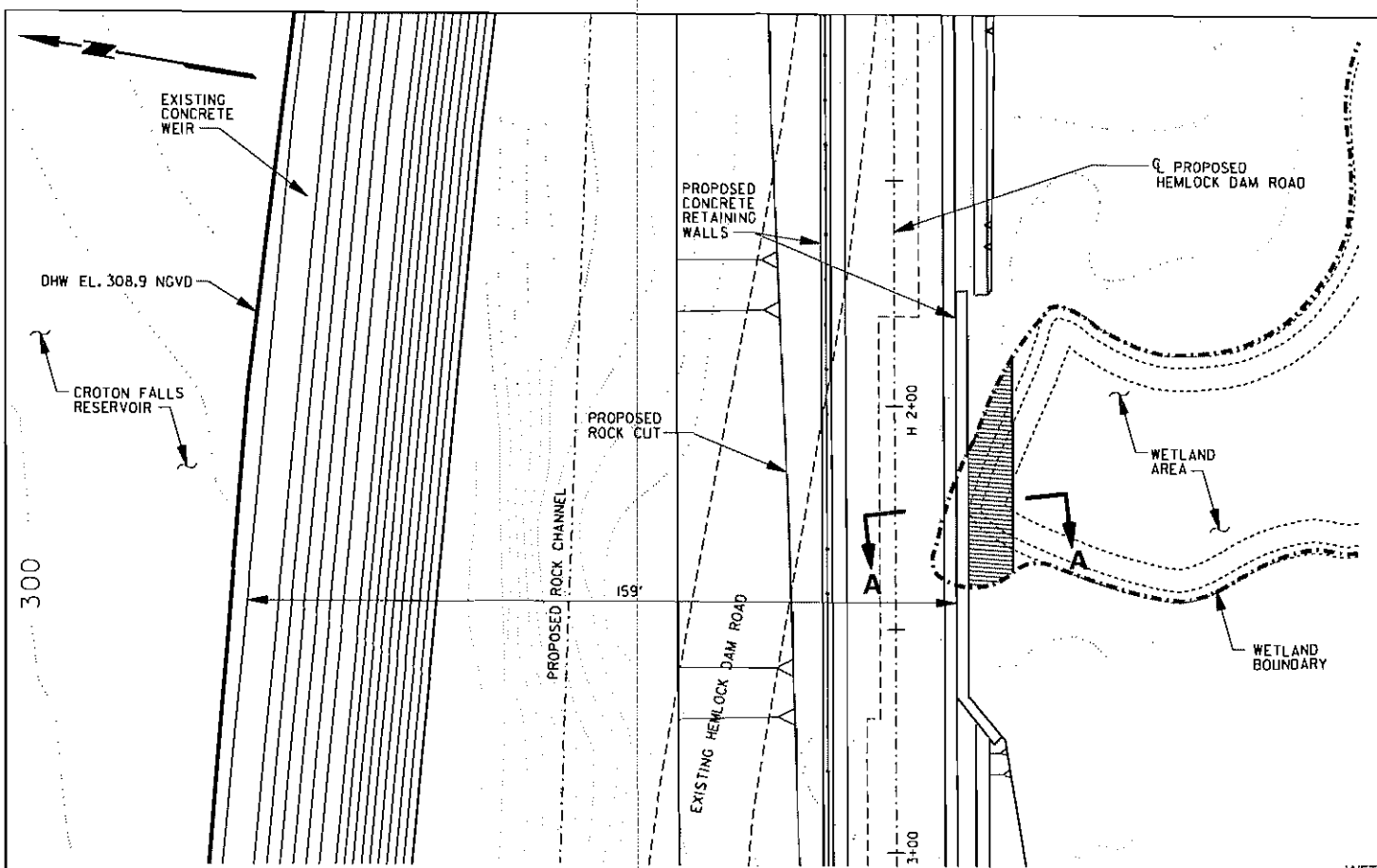
NOT TO SCALE

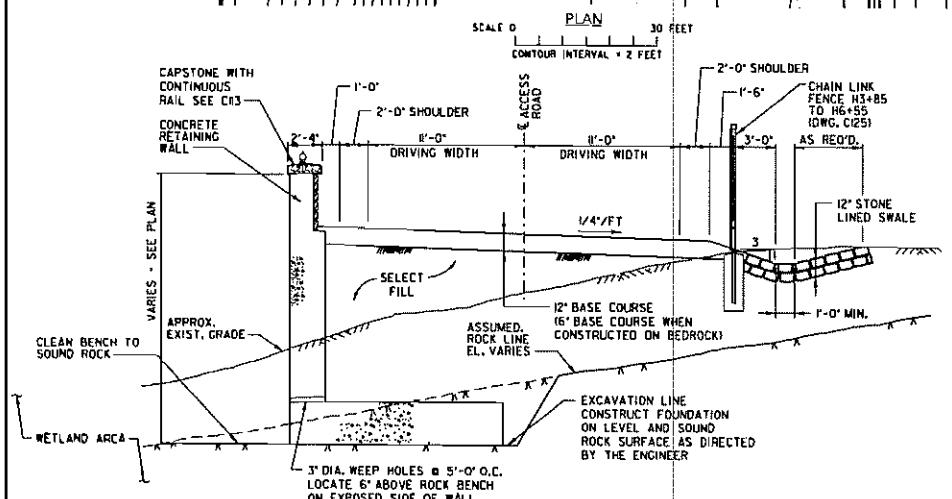
WETLAND ADJACENT TO HEMLOCK DAM ROAD

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 8 OF 10 DATE: FEB. 2006





SECTION A-A
ROADWAY SECTION AND RETAINING WALL
(HEMLOCK DAM ROAD)
NOT TO SCALE

WETLAND REPLACEMENT PLANTS

SCIENTIFIC NAME	COMMON NAME	SIZE & CONDITION	QUANTITY	PLANTED
ARONIA MELANOCARPA	BLACK CHOKEBERRY	24 - 30", B&B	"SEE NOTE BELOW"	3' O.C.
CORNUS AMOMUM	SILKY DOGWOOD	24 - 30", B&B		3' O.C.
LINDERA BENZOIN	NORTHERN SPICEBUSH	18 - 24", 2 GAL.		2' O.C.
VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	18 - 24", 2 GAL.		2' O.C.
VIBURNUM DENTATUM	ARROWWOOD	24 - 30", B&B		3' O.C.
GLYCERIA STRIATA	FOWL MANNA GRASS	1QT.		1.5' O.C.
LOBELIA CARDINALIS	CARDINAL FLOWER	1QT.		2' O.C.
OSMUNDA REGALIS	ROYAL FERN	1QT.		3' O.C.
SAURURUS CERNUUS	LIZARD'S TAIL	1QT.		2' O.C.
SCIRPUS CYPERINUS	COTTONGRASS BULRUSH	1QT.		1.5' O.C.
SAMBUCUS CANADENSIS	COMMON ELDERBERRY	24 - 30", B&B		3' O.C.
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	1QT.		1.5' O.C.

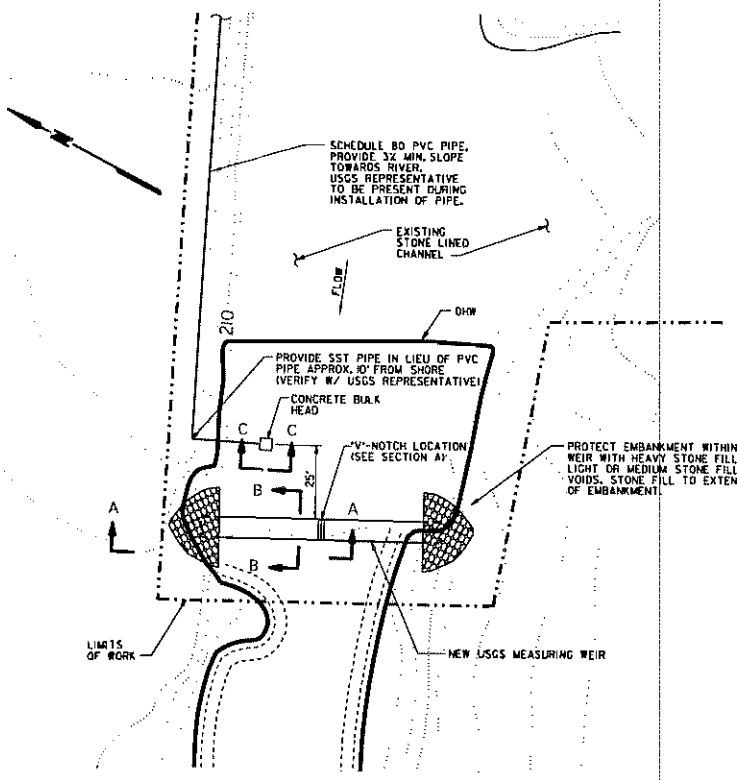
NOTE:
QUANTITIES TO BE DETERMINED BASED ON THE AMOUNT OF INVASIVE SHRUB/GROUND COVER SPECIES REMOVED PLUS ANY ADDITIONAL DISTURBANCE THAT MAY OCCUR DURING INSTALLATION.

WETLAND MITIGATION ADJACENT TO HEMLOCK DAM ROAD

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

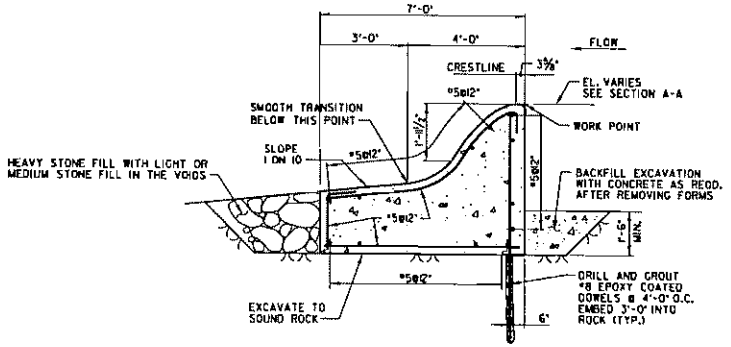
APPLICATION BY NYCDEP

SHEET 9 OF 10 DATE: FEB. 2006



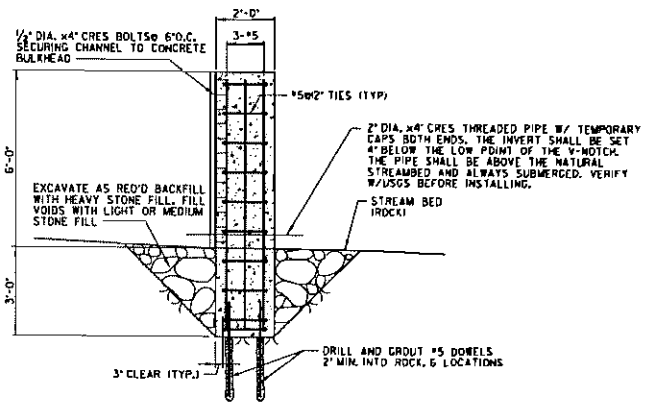
PARTIAL SITE PLAN

SCALE 0 20 FEET
1" = 20'



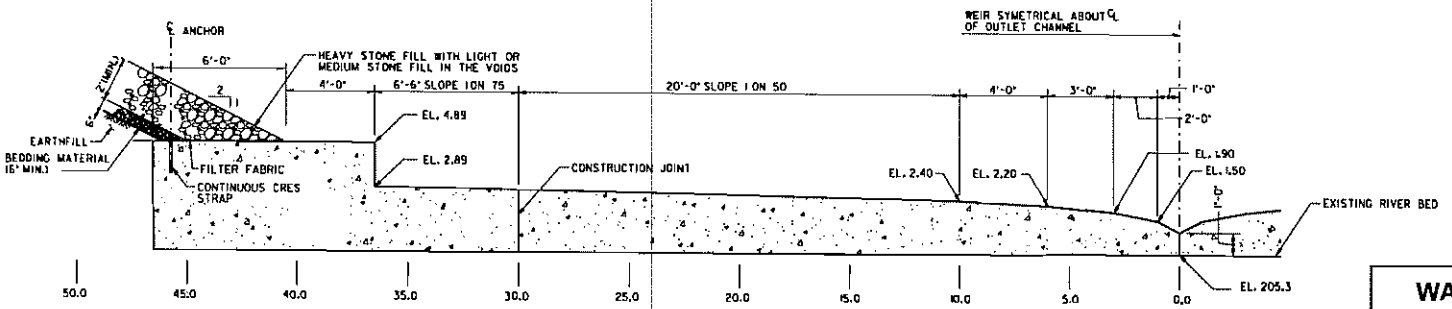
B - B

TYPICAL CROSS SECTION OF WEIR



C - C

CONCRETE BULKHEAD



A - A

CROSS SECTION OF CHANNEL AT GAGING WEIR

SCALE 0 3 FEET

AREA OF PERMANENT FILL
1533 SF

VOLUME OF PERMANENT FILL BELOW ORDINARY HIGH WATER
120 CY

NOTE:

THE ELEVATIONS IN THIS SECTION REFERENCE AN ASSUMED DATUM. THE INVERT OF THE V-NOTCH IS TO BE SET 1'-0" ABOVE THE EXISTING RIVER BED.

WASTE CHANNEL GAGING STATION
WEIR WORK BELOW
CROTON FALLS RESERVOIR

TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK

APPLICATION BY NYCDEP

SHEET 10 OF 10 DATE: FEB. 2006