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: NAN-2015-00700-WOM
Issue Date: January 26, 2016
Expiration Date: February 25, 2016

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 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).

APPLICANT: Village of Croton-on-Hudson
Municipal Building
1 Van Wyck Street
Croton-on-Hudson, New York 10520

ACTIVITY: Construction of an approximately 805 foot-long combination elevated and at-grade walkway, replacement of a sediment basin, and installation of rip-rap for bank stabilization.

WATERWAY: Hudson River

LOCATION: Village of Croton-on-Hudson, Westchester 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. Comments provided will become a part of the public record for this action.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments, including names and addresses, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

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 adversely 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.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction and potential shading impacts of the structure. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance during installation and would be able to use the structure for shelter once it is completed. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

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.

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.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we

are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

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) 790-8417 and ask for Melanie O'Meara.

In order for us to better serve you, please complete our Customer Service Survey located at http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx.

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

For and in behalf of
Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

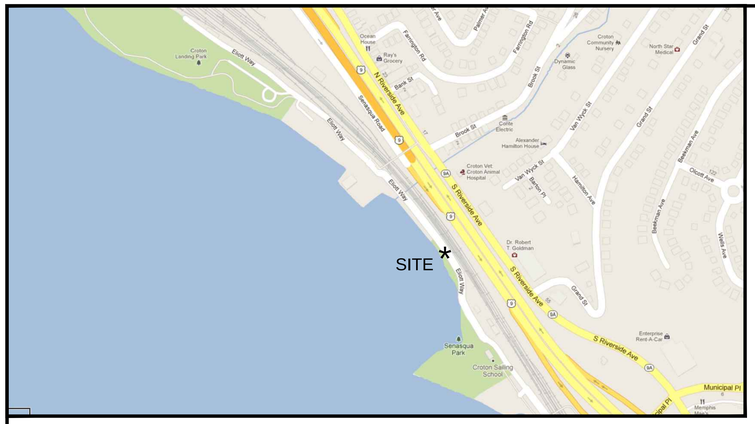
The applicant, the Village of Croton-on-Hudson, has requested Department of the Army authorization for the construction of an approximately 805 foot-long combination elevated and at-grade walkway, replacement of an existing sediment basin and culvert, removal of debris, and installation of rip-rap for bank stabilization within the Hudson River, in the Village of Croton-on-Hudson, Westchester County, New York.

The work would involve the installation of a walkway along the western side of Elliot Way, which would include both an elevated boardwalk, as well as two at-grade sidewalks, one at each end of the boardwalk. The northernmost sidewalk would be approximately 145 feet in length, the elevated boardwalk would be approximately 360 feet long, and the southern sidewalk would be approximately 300 feet long. The width of the entire walkway would be approximately 8.5 feet to allow for safe two-way pedestrian and bicycle traffic. The elevated section of the walkway would consist of a Permatrak boardwalk system, precast concrete decking cantilevered three (3) feet waterward from supporting pile bents and raised approximately 7.5 feet above the substrate. Approximately 426 square feet of the boardwalk would be waterward of the mean high water mark. The boardwalk would be supported by pile bents, each consisting of two square piles, 1.75-inches on a side, with 14-inch diameter helical plates. The bents would be approximately 20 feet apart and the pilings in each bent would be approximately five (5) feet apart. A total of three (3) piles would be waterward of the mean high water mark. The pilings would be installed using a land-based excavator or backhoe that would drill the piles into the riverbed using small rotary drilling equipment. Predrilling may be required where obstructions are encountered at shallow depths. The at-grade portions of the walkway would include the installation of cast-in-place concrete. Prior to construction of the southern sidewalk, a precast modular block protection wall would be installed to protect against bank erosion. Approximately 765 square feet of the wall supporting the southern sidewalk would be installed waterward of the spring high tide line.

In addition to the walkway, the area under the elevated boardwalk section of the walkway would be excavated to remove debris, such as concrete slabs and rock, after which rip-rap and native vegetation would be installed. Approximately 260 cubic yards of material would be removed from the area and 180 cubic yards of rip-rap would be placed along the riverbank. Approximately 3,171 square feet of this work would occur below the spring high tide line. Also, approximately 30 linear feet of damaged timber sheet piling and concrete blocks supporting an existing sediment basin at the northern end of the project area would be removed and replaced with steel sheeting, resulting in approximately 1,050 square feet of disturbance below the mean high water line during construction. Finally, a stormwater culvert that lies under the road and empties into the sediment basin would be replaced as well, resulting in approximately 480 square feet of disturbance below the mean high water mark during construction.

All waste generated and removed during construction would be transported to a licensed upland disposal facility by a licensed hauler. A turbidity curtain would be installed and maintained during construction activities.

The stated purpose of this project is to provide safe two-way pedestrian and cyclist access along Elliot Way between Senasqua Park and Croton Landing Park.



LOCATION MAP

OWNER:
THE VILLAGE OF CROTON-ON-HUDSON
CROTON-ON-HUDSON TOWN HALL
1 VAN WYCK STREET
CROTON-ON-HUDSON, NY 10520

ACTING VILLAGE MANAGER:
JANINE KING

COMMISSIONER OF PUBLIC WORKS:
MARCO GENNARELLI - ACTING COMMISIONER

VILLAGE ENGINEER/BUILDING INSPECTOR:
DANIEL O'CONNOR, P.E.

CIVIL ENGINEER:
SITE DESIGN CONSULTANTS
251-F UNDERHILL AVENUE
YORKTOWN HEIGHTS, NY 10598
P: 914 962 4488
F: 914 962 7386
jriina@sitedesignconsultants.com

VILLAGE OF CROTON-ON-HUDSON
WESTCHESTER COUNTY, NEW YORK
ELLIOTT WAY IMPROVEMENTS

DATE: 11/02/15

LIST OF DRAWINGS

SHEET NUMBER	DRAWING TITLE
C-101	OVERALL LAYOUT PLAN
C-102	EXISTING CONDITIONS PLAN
C-103	EROSION & SEDIMENT CONTROL PLAN
C-104	TREE REMOVAL PLAN
C-501	SITE DETAILS

PREPARED BY:
Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488 - Fax: (914) 962-7386
www.SiteDesignConsultants.com

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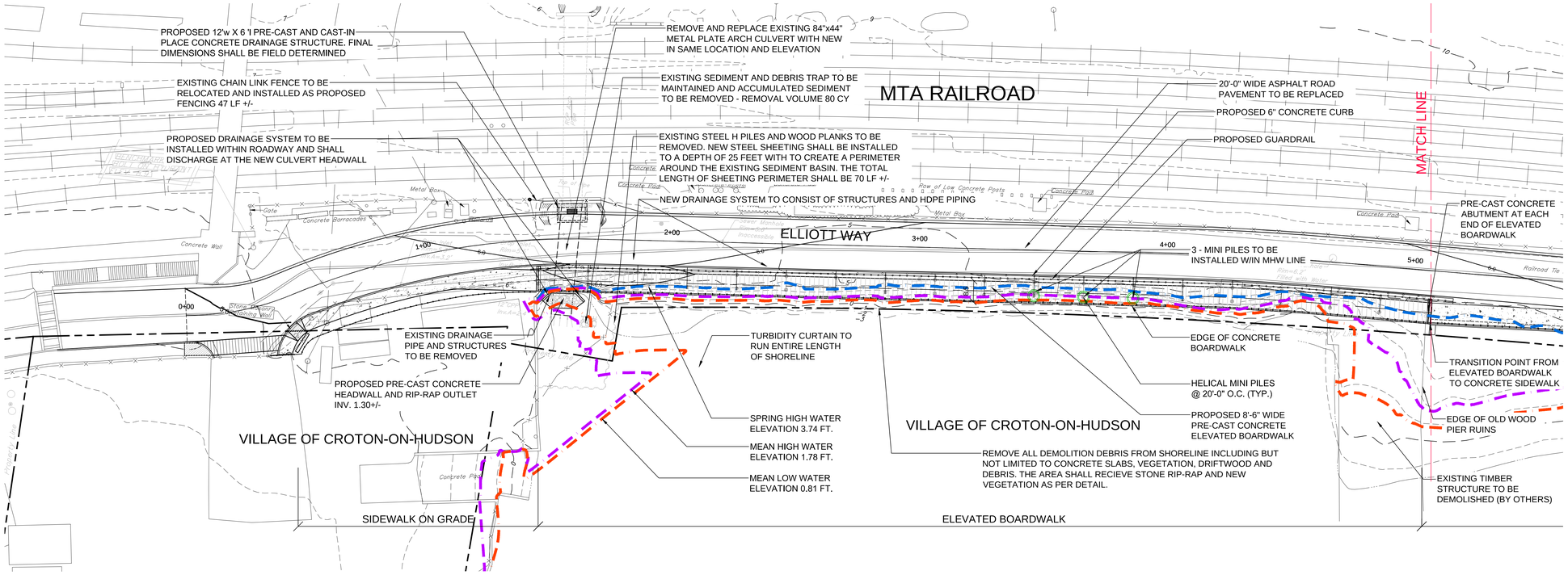

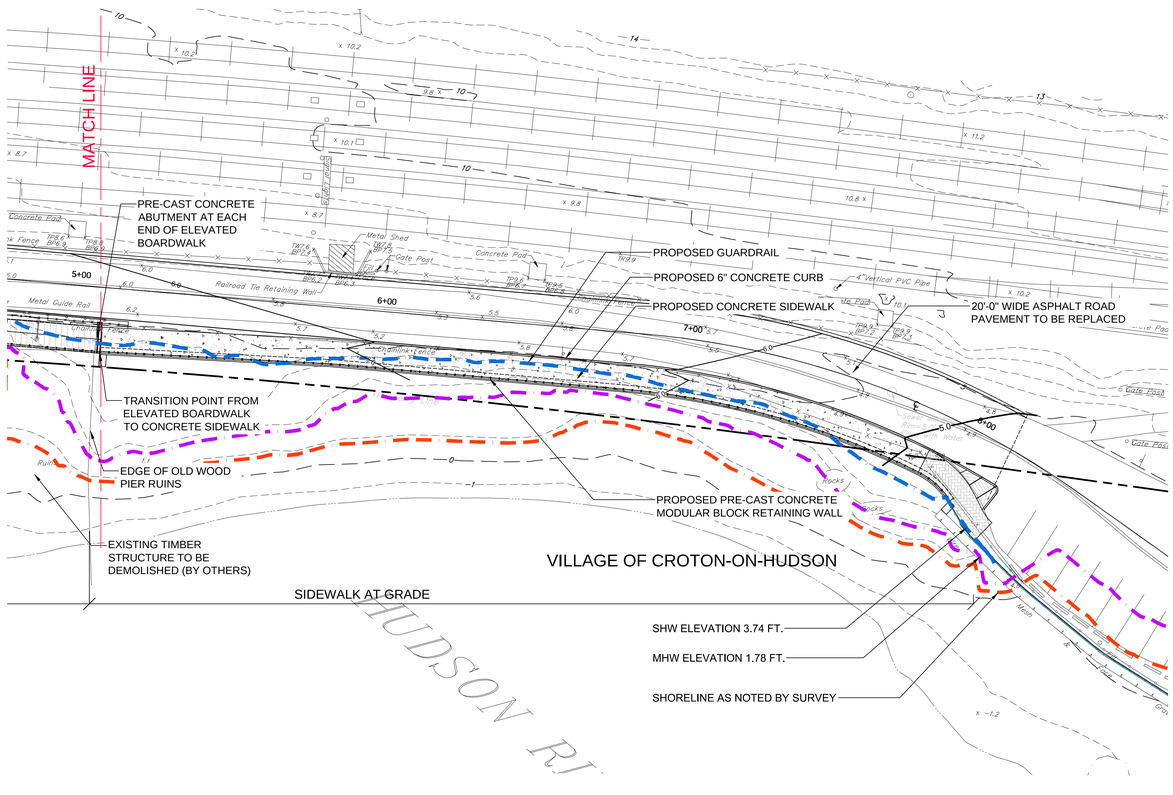

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251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488; Fax: (914) 962-7386
www.sitedesignconsultants.com

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Engineer: Joseph C. Riina, P.E. NYS Lic. No. 64431

Revisions:

No.	Date	Comments
1.	6/11/15	DEC Submission
2.	11/2/15	DEC & ACOE Revisions
3.	12/11/15	Relocate Wall

SCALE: 1" = 20'
DRAWN BY: MEM
DATE: 02/23/15

OVERALL LAYOUT PLAN

LAYOUT PLAN PREPARED FOR
VILLAGE OF CROTON-ON-HUDSON
ELLIOTT WAY IMPROVEMENTS
Village of Croton-On-Hudson
Westchester Co., New York

0 10 20 40
SCALE: 1"=20'-0"

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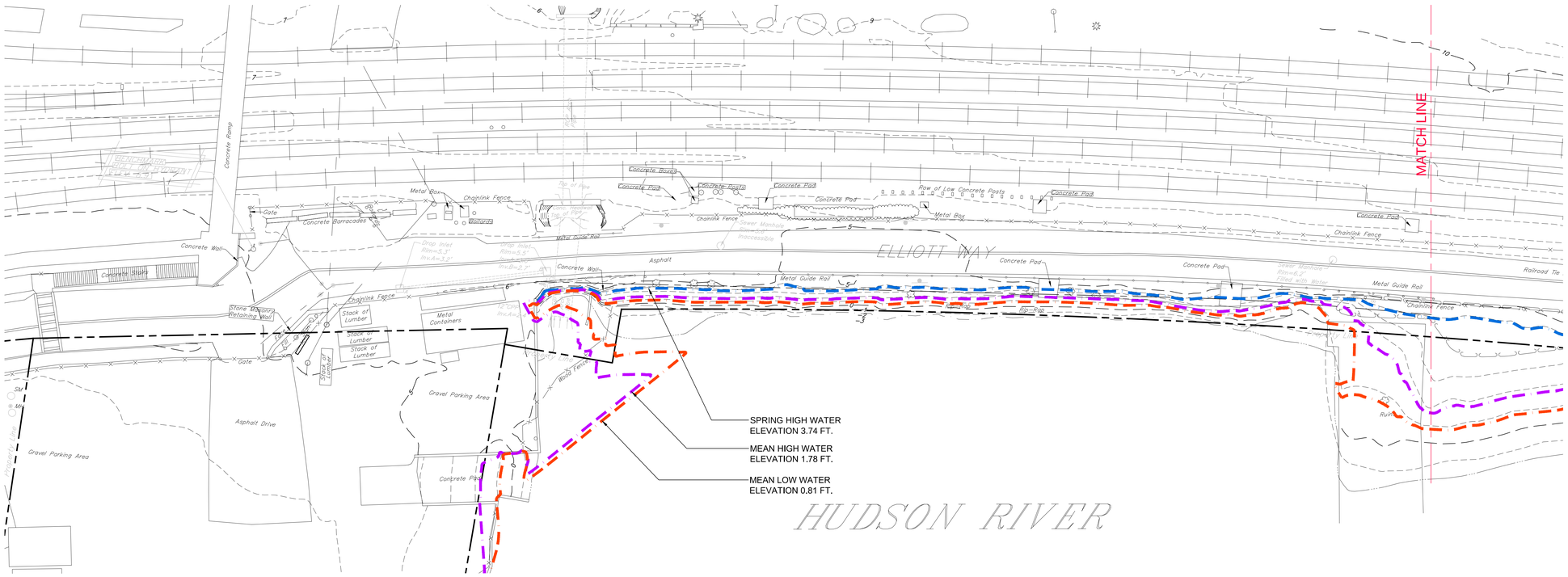
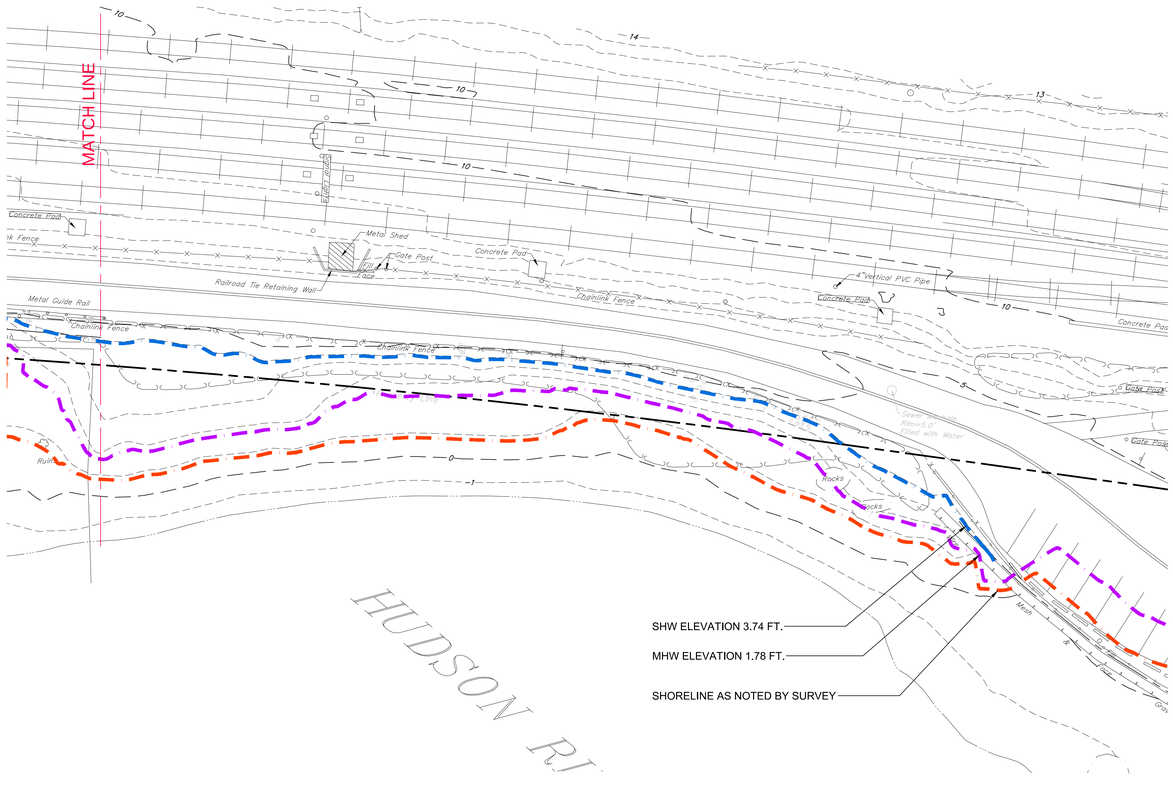
C - 101





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SCALE: 1"=10'-0"

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Engineer:
STATE OF NEW YORK JOSEPH C. RIINA LICENSED PROFESSIONAL ENGINEER
Joseph C. Riina, P.E.
NYS Lic. No. 64431

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EXISTING CONDITIONS PLAN

LAYOUT PLAN PREPARED FOR
VILLAGE OF CROTON-ON-HUDSON
ELLIOT WAY IMPROVEMENTS
Village of Croton-On-Hudson Westchester Co., New York

C - 102

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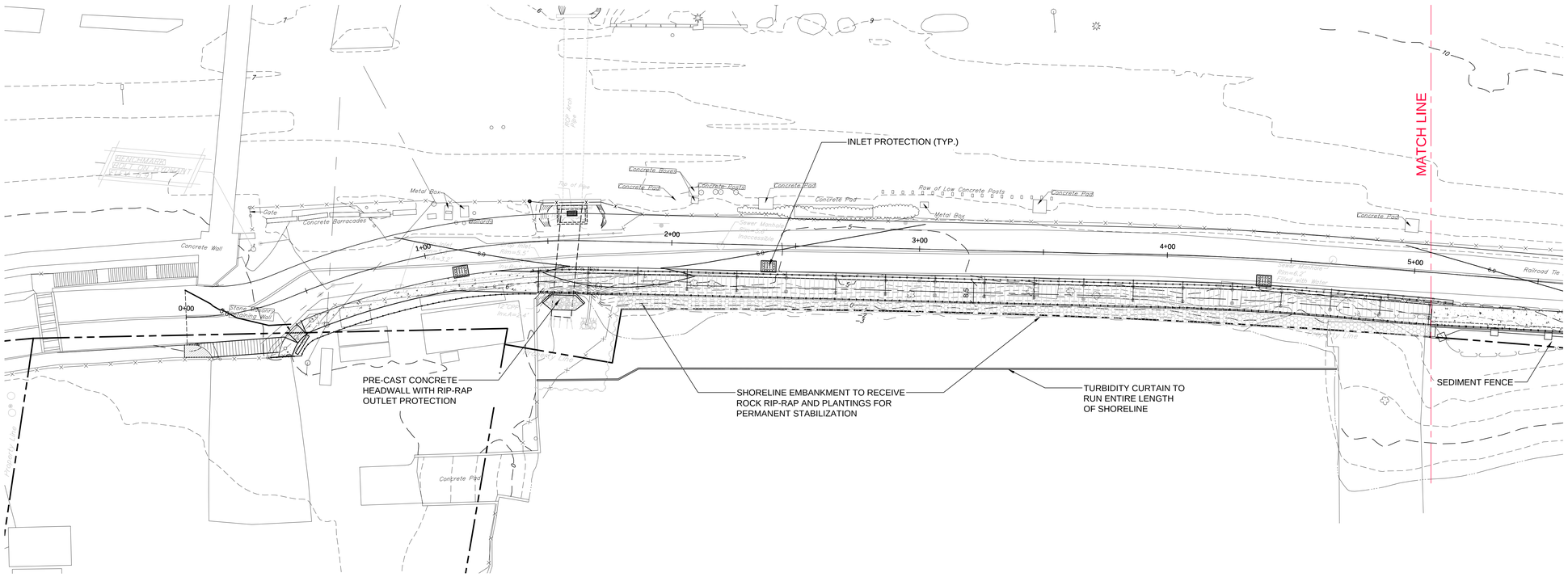

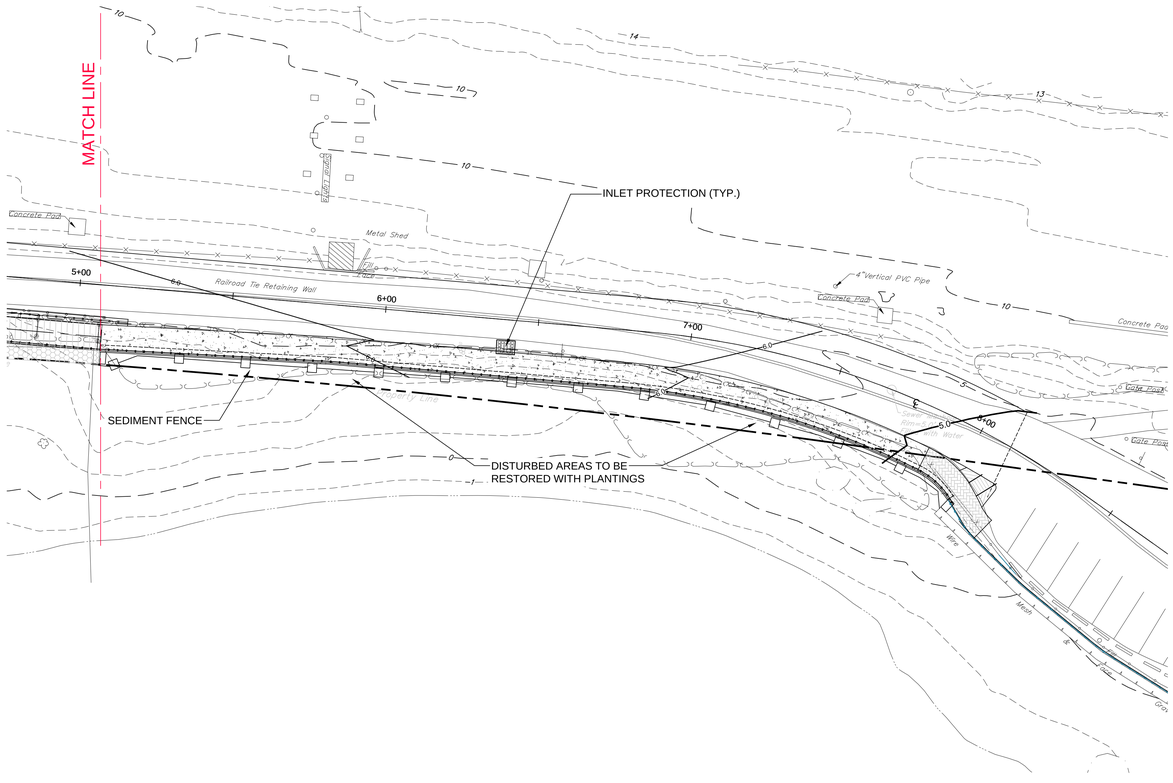

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EROSION & SEDIMENT CONTROL PLAN

LAYOUT PLAN PREPARED FOR
VILLAGE OF CROTON-ON-HUDSON
ELLIOT WAY IMPROVEMENTS
Village of Croton-On-Hudson Westchester Co., New York

C - 103

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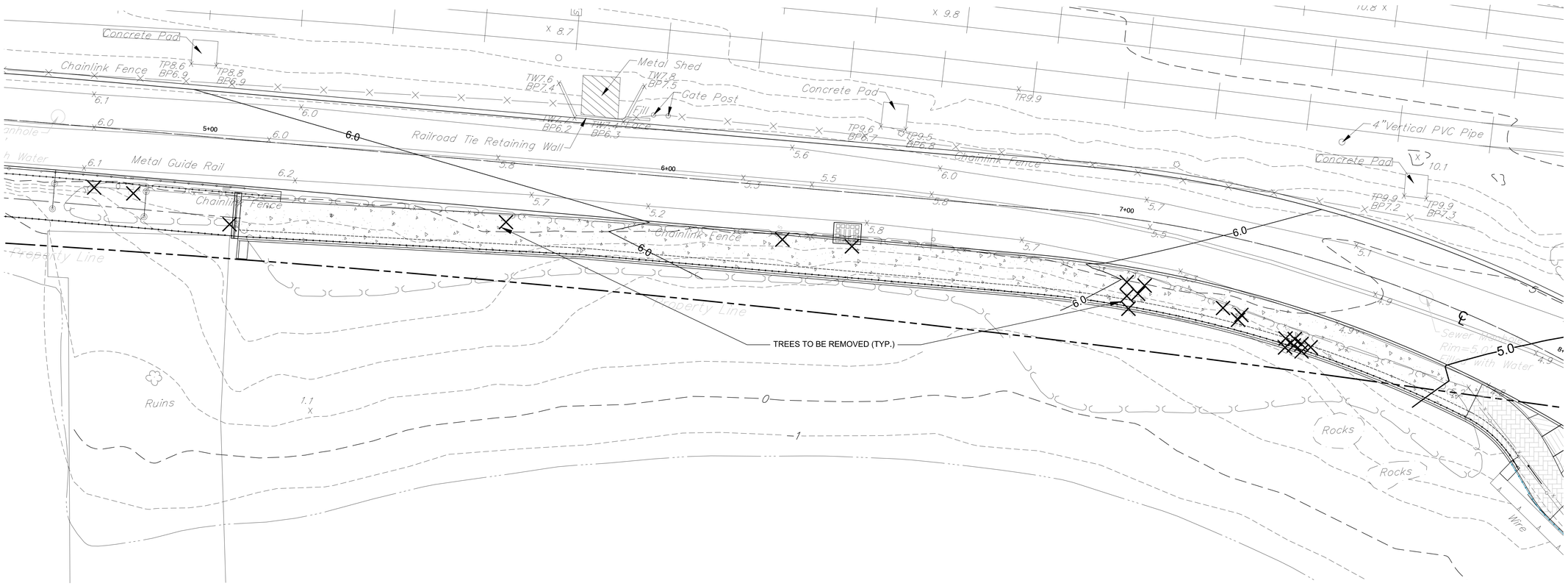

SCHEDULE OF TREES TO BE REMOVED

NO.	SIZE	TYPE
1.	11"	Twin Mulberry
2.	11"	Twin Mulberry
3.	11"	Twin Mulberry
4.	11"	Norway Maple
5.	11"	Triple Elm
6.	11"	Twin Cottonwood
7.	10"	Elm
8.	11"	Willow
9.	12"	Willow
10.	11"	Willow
11.	11"	Willow
12.	10"	Elm
13.	11"	Elm
14.	8"	Cottonwood
15.	10"	Elm
16.	9"	Elm
17.	11"	Elm
18.	9"	Elm
19.	10"	Elm
20.	10"	Elm
21.	9"	Elm

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2.	11/11/15	DEC Layout Revisions
3.	12/11/15	Relocate Wall

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DRAWN BY: MEM
DATE: 02/23/15

TREE REMOVAL PLAN

LAYOUT PLAN
PREPARED FOR
VILLAGE OF
CROTON-ON-HUDSON
ELLIOT WAY IMPROVEMENTS
Village of Croton-On-Hudson
Westchester Co., New York

C - 104

E:\2011\11-200 VILLAGE OF CROTON ON HUDSON_ELLIOTT WAY\ENGINEERING\CADD\CB-11-200 VILLAGE OF CROTON ON HUDSON_ELLIOTT WAY\PW\SITE\LAYOUT PLAN PDF - FOR E-PRINT PRINTING\PDF\WORS.DWG

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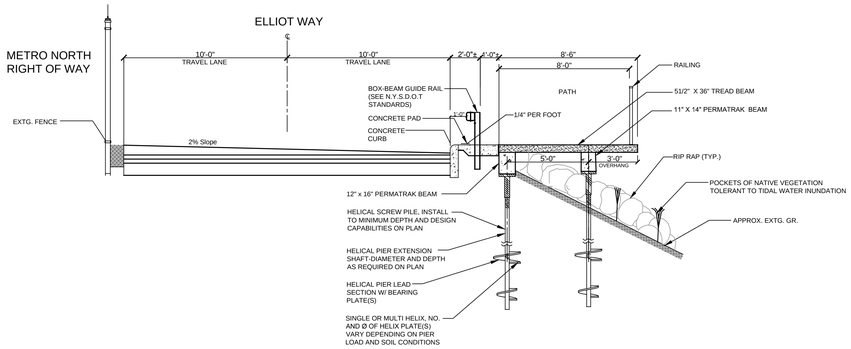
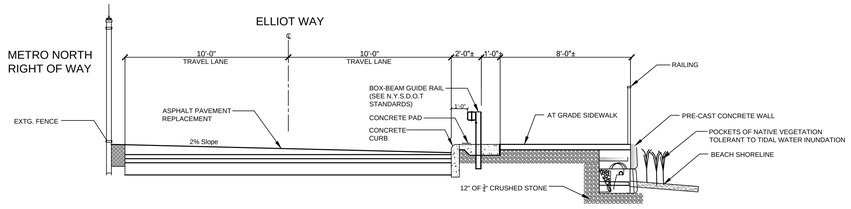
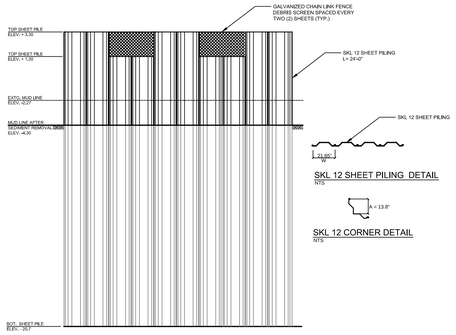


TYPICAL SECTION - ELEVATED CONCRETE BOARDWALK
STA 1+ 46 TO 3+99



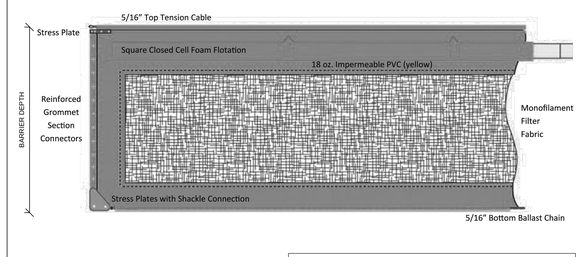
TYPICAL SECTION AT GRADE SIDEWALK
STA 6+00 - 8+00

S-1 TYPICAL ROADWAY CROSS SECTIONS
NOT TO SCALE



TYPICAL SHEET PILE DETAIL

S-3 TYPICAL SEDIMENT BASIN SHEETING DETAIL
NOT TO SCALE



GRANITE environmental
Phone: 772-646-0597
Toll Free: 888-703-9889
info@graniteenvironmental.com

Type 3 DOT Turbidity Curtain

Scale:	Drawing:	Revision:	Date:	By:
Not to Scale	G9320-1	2		

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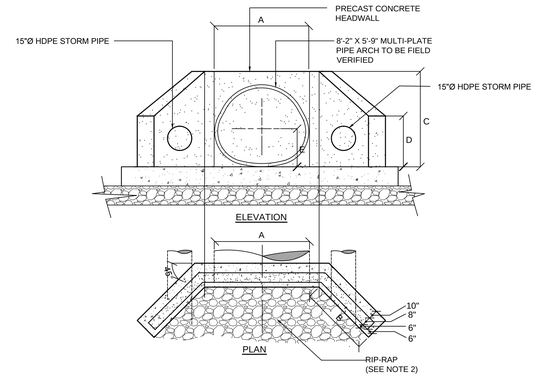
S-4 TURBIDITY BARRIER DETAIL
NOT TO SCALE

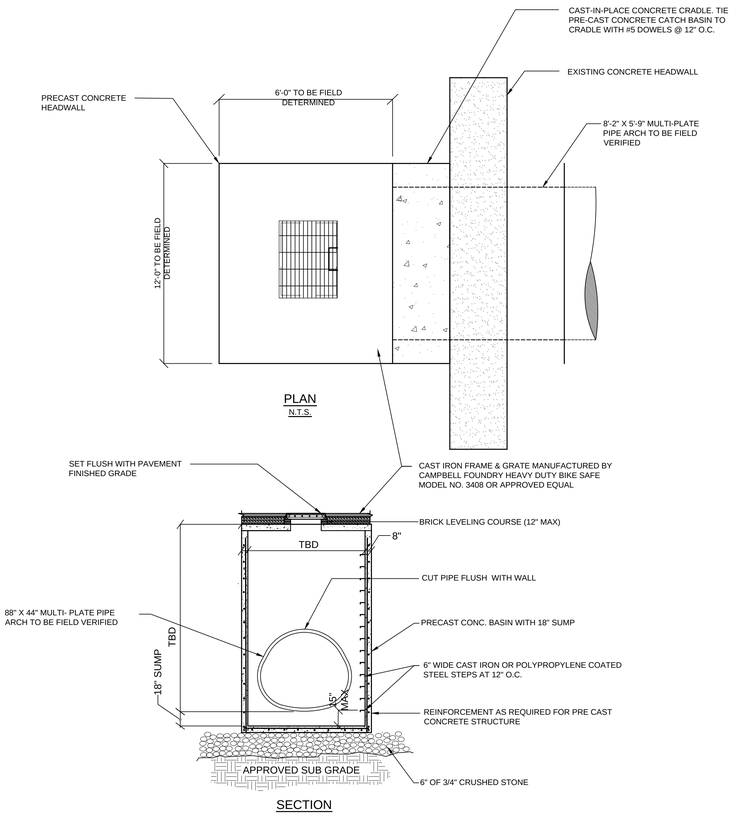


DIMENSIONS IN INCHES						
	A	B	C	D	E	APPROX. WT. / LBS
	TBD	TBD	TBD	TBD	TBD	TBD

SPECIAL SIZES NOT LISTED, CAN BE MANUFACTURED UPON REQUEST

NOTES:
1. All exposed edges to have 1" beveled corners apron by contractor in field reinforcing w/ #4 bars @ 12" O.C.E.W.

S-5 HEADWALL DETAIL
NOT TO SCALE



NOTES:
1. Where depth of catch basin exceeds 10 ft, inside dimensions shall be 48" x 48".
2. Top of basin shall be built with precast concrete structural slab designed for H-20 loading.

S-6 HEADWALL AND DRAINAGE STRUCTURE DETAIL
NOT TO SCALE

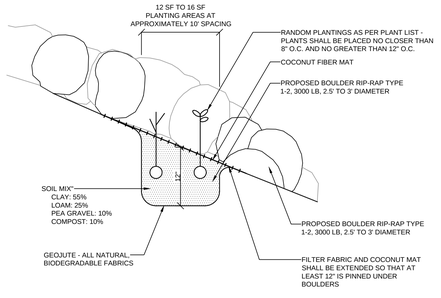


TABLE II - FRESHWATER BRACKISH EMMERGENT PLANT SPECIES*

COMMON NAME	SCIENTIFIC NAME	HABITAT	PLANTING PERIOD
Arrow Arum	*Peltandra virginica*	Fresh-to-brackish Tidal Riverbank	May to July
Duck Potato	*Sagittaria latifolia*	Fresh-to-brackish Tidal Riverbank	June to August
Common Threesquare	*Schoenoplectus pungens*	Fresh-to-brackish Tidal Riverbank	May to August
Narrow-leaf Cattail	*Typha angustifolia*	Fresh-to-brackish Tidal Riverbank	May to August
Pickerelweed	*Pontederia cordata*	Fresh-to-brackish Tidal Riverbank	May to September
Swamp Rose-mallow	*Hibiscus moscheutos*	Fresh-to-brackish Tidal Riverbank	May to September
Sweetflag	*Acorus americanus*	Fresh-to-brackish Tidal Riverbank	May to August
Switch-grass	*Panicum virgatum*	Fresh-to-brackish Tidal Riverbank	June to September
Soft-stem Bulrush	*Schoenoplectus tabernaemontanii*	Fresh-to-brackish Tidal Riverbank	May to August

* All plants consist of 2 inch plugs, and can be provided in quarts.

Soil Mixing & Conditioning:

Each planting area will receive a minimum of 12 inches of planting soil consisting predominantly of clay soil (55%), mixed with a loam soil (25 %) and pea-gravel (10%), suitable for the types of plants selected for planting, and based on nursery guidelines. Compost (10%) will also be introduced into the planting soil mixture to achieve a suitable soil pH necessary for ideal plant growth.

Monitoring:

Monitoring will be performed on a monthly basis during the season of planting to ensure successful growth prior to the first year's winter season. As necessary, species will be substituted to ensure plant diversity and successful recreation. Semiannual monitoring will be performed after monthly monitoring after for the first year planting season and annual thereafter for a period of 5-years.

S-2 SHORELINE PROTECTION DETAIL
NOT TO SCALE

Site Design Consultants
Civil Engineers • Land Planners
251-F Underhill Avenue, Yorktown Heights, NY 10598
(914) 962-4488, Fax: (914) 962-7306
www.sitedesignconsultants.com

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Engineer: Joseph C. Riina, P.E. NYS Lic. No. 64411

Revisions:

No.	Date	Comments
1.	6/11/15	DEC Submission
2.	11/2/15	DEC & ACOE Revisions

SCALE: NTS
DRAWN BY: MEM
DATE: 02/23/15

SITE DETAILS

LAYOUT PLAN PREPARED FOR
VILLAGE OF CROTON-ON-HUDSON
ELLIOTT WAY IMPROVEMENTS
Westchester Co., New York
Village of Croton-On-Hudson

C - 501

NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.