BERGMANN
ARCHITECTS ENGINEERS PLANNERS

VIA EMAIL
February 4, 2022

New York State Department of Environmental Conservation – Region 3
Attn: Tracey O'Malley
21 South Putt Corners Road
New Paltz, New York 12561

Re: NYSDEC Application ID: 3-5522-00352/00005
Response to Notice of Incomplete Application
Historic Hudson Valley
Van Cortlandt Manor Restoration Project
Village of Croton-on-Hudson, Westchester County, New York

Dear Ms. O'Malley,

Please find below an updated description of the work proposed as part of the Van Cortland Manor Restoration Project ("Project"), as well as a response to the Notice of Incomplete Application for this Project dated November 17, 2021. Since the original submission of an Article 24 Freshwater Wetlands Permit application on August 11, 2021, activities and details of the proposed work have been adjusted slightly. Below, please find an updated Project description, as well as updated calculations on the impacts to the NYSDEC regulated 100-ft adjacent area.

Project Description

Proposed work within the NYSDEC regulated 100-ft adjacent area will now be comprised of 0.33-acres of permanent impacts and 1.04-acres of temporary impacts. No impacts to the NYSDEC FWW are proposed. Permanent impacts to the adjacent area will involve installation of concrete pads and stabilized granite paving over previously disturbed areas, along with minor earthwork in the form of grading. Temporary impacts within the adjacent area will include disturbance related to resurfacing of existing intrusions located within the 100-ft adjacent area in the form of paved walkways, trenching for utility line installation and temporary disturbances as a result of construction and landscaping activities.

Selective tree trimming and cutting (0.08-acres) is now proposed for this Project within the NYSDEC regulated 100-ft adjacent area. It has been determined that utility line installation within the adjacent area will require selective tree branch trimming to ensure the proper machinery can be used. Selective tree branches will be trimmed within the adjacent area only where the utility line will be installed (Please refer to Attachment A, Project Drawings- Sheet N003). It should be noted that utility line installation is proposed directly adjacent to previously installed utility lines already running through the regulated 100-ft adjacent area. As such, required trenching will be occurring within a previously disturbed portion of the 100-ft adjacent area. Additionally, due to the historic nature of the Van Cortlandt Manor, Historic Landscapes LLC ("Historic Landscapes") was retained as a landscaping partner for the Project. In an effort to address the historic landscape character of Van Cortlandt Manor, Historic Landscapes is proposing the removal of seven (7) trees within the regulated 100-ft adjacent area. Historic Landscapes' decision for the proposed removal and replacement employs principals for stewardship of cultural resources of Van Cortlandt Manor, a National Historic Landmark property, including protection of contributing elements and renewal of the landscape character for future visitors. Multiple factors were considered when Historic Landscape was determining what trees to propose removing, and in turn what trees to replace those trees with. Refer to Attachment B for a detailed explanation for Historic Landscapes regarding the proposed trees to be cut. All tree trimming and cutting will be done in a way to ensure no discharge occurs within the NYSDEC FWW.

Refer to Attachment A for a detailed plan of all proposed work. Construction on the Project is anticipated to begin in 2022 with work anticipated to conclude August of 2023.

Below please find updated tables showing the revised impacts proposed to the NYSDEC regulated 100-ft adjacent area. Please note that regulated 100-ft adjacent area disturbances calculations shown on sheets N003 and N004 in Attachment A have been separated by impacts proposed for each sheet.

REVISED Table 1
Proposed Impacts

Resource ID	Area of Temporary Impacts (sq. ft./ac.)	Area of Permanent Impacts (sq. ft./ac.)
Wetland 1 (NYSDEC H-3)	0.00	0.00
Wetland 1 Adjacent Area	45,400/1.04	14,500/0.33

REVISED Table 2
Proposed Impacts by Activity Type

Disturbance Description	Total Area of Permanent Impacts (sq. ft./ac.)
Concrete Pads	4,000 / 0.09
Stabilized Granite Paving	7,500 / 0.17
Earthwork (Fill)	3,000 / 0.07
Total	14,500 / 0.33
Disturbance Description	**Area of Temporary Impacts (sq. ft./ac.)**
Roadway Resurfacing	15,750 / 0.36
Utility Installation (Trenching)	10,000 / 0.23
General Landscaping	12,750 / 0.29
Tree Cutting/Trimming	3,400 / 0.08
Earthwork (Cut)	3,500 / 0.8
Total	45,400 / 1.04

Provided below is a formal written response to the comments received in your Notice of Incomplete Application (NOIA) dated, November 17, 2021, in which you asked for additional items regarding the Van Cortlandt Manor Restoration Project Application.

1. Original Comment – Justification and Permit Issuance Standards – The Applicant must demonstrate how the proposed disturbances to the adjacent area of a NYS freshwater wetland H-3, Class 1, meet the permit issuance standards as identified in Part 663.5. Please address the following:

- Identify the compatibility of each under 663.4;
- Address standards for permit issuance;
- Show that disturbances have been avoided and minimized;
- Discuss alternatives (reduce size, footprint, relocate, reorient: and
- Provide justification for the chosen alternatives.

Response: While the proposed Project design has avoided and minimized regulated impacts to the maximum extent practicable, it still requires minimal regulated 100-ft adjacent area impacts. As previously described, the majority the proposed work involves improvements to existing structures or minor construction in previously disturbed and already utilized areas within the Project area. Please find below a weighting standards analysis for all proposed disturbances to the NYSDEC regulated 100-ft adjacent area within the Project area.

The proposed impacts were analyzed using the Levels of Compatibility established by the NYSDEC. Table 3 below demonstrates the Project's impacts and their compatibility with the rules and regulations of Article 24.

Table 3
Project Impact Compatibility

Impact Type	Resource Impacted	NYSDEC Compatibility[1]
Concrete Pads – Permanent	Adjacent Area	Usually Compatible
Grass Paver Installation – Permanent	Adjacent Area	Usually Compatible
Earthwork (Fill) – Permanent	Adjacent Area	Usually Compatible
Roadway Resurfacing – Temporary	Adjacent Area	Usually Compatible
Underground Utility Installation – Temporary	Adjacent Area	Usually Incompatible
Construction Activities Disturbance – Temporary	Adjacent Area	Usually Compatible
Tree Cutting / Trimming – Temporary	Adjacent Area	Usually Compatible / Letter of Permission Required
Earthwork (Cut) – Temporary	Adjacent Area	Usually Compatible

Notes:

1. As listed in 6 CRR-NY 663.4 (https://govt.westlaw.com/nycrr/Document/I4ece0792cd1711dda432a117e6e0f345?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default))

As demonstrated above in Table 3, the proposed impacts are generally considered "usually compatible," as they are associated with expanding or substantially modifying existing functional structures or facilities

(Procedure and Compatibility by Area Activities #14). These activities involve disturbances related to the rehabilitation of existing functional structures (roadway resurfacing, construction activities disturbance, earthwork) along with expansions to functional structures (concrete pads and grass paver installation) to be placed in an area utilized annually for "The Blaze" event that occurs at Van Cortlandt Manor. Annual activities in preparation of The Blaze includes installation of gravel and various displays/installations, tent pitching and nightly pedestrian foot traffic. The placement of the concrete pads and stabilized granite pavers will be on previously disturbed areas and will act as an expansion to previously functional structures in place for The Blaze. The proposed tree cutting and trimming falls under the "Cutting but not elimination or destruction of vegetation, such that the functions and benefits of the wetland are not affected," which requires is usually compatible/ requires a letter of approval. This cutting and trimming falls under this activity, as it will only involve selective trimming of branches and removal of trees within the adjacent area. No elimination of vegetation or fill within the wetland will occur as a result of the trimming. Attachment B provides more insight as to why the tree cutting is being proposed, as well as why the proposed replacement planting will fit better with the historic nature of Van Cortlandt Manor. One proposed disturbance, the utility line installation, is considered "usually incompatible" with the regulations of Article 24. However, as described in the Standards for Issuance of Permits, a permit may be issued if the proposed activity meets each of the following weighting standards:

The Project proposed impacts to the regulated adjacent area of (1) NYSDEC Class 1 FWW. The following compatibility test is relevant for the proposed impact:

1. Would be compatible with preservation, protection and conservation of the wetland and its benefits, and
2. Would result in no more than insubstantial degradation to, or loss of, any part of the wetland, and
3. Would be compatible with public health and welfare.

The proposed Project would be compatible with preservation, protection and conservation of the wetland and its benefits, as the proposed utility line installation is temporary in nature and would occur only within previously disturbed portions of the regulated 100-ft adjacent area within an existing utility corridor. Utility installation trenching will only occur in areas where previous trenching occurred to install existing utility lines. Additionally, the tree trimming that is proposed to accommodate the trenching is likely similar to the tree trimming activities conducted for the previous utility installation. As shown on the Project Drawings (Attachment A), the proposed trenching will have no effect on the NYSDEC FWW. The minimal impacts associated with this Project are not expected to result in the loss of function of the impacted resources. The impacts proposed to the regulated adjacent area are the minimum necessary to accomplish the goals of the Project and involve the above mentioned disturbances, which allow for upgrades to previously disturbed areas that will allow for a more historically accurate and user friendly experience at the Van Cortlandt Manor. For these reasons, we believe that the Project benefits outweigh the impacts to the adjacent area associated with it. As demonstrated in the Alternatives Analysis presented in the submitted JPA, the Project design is the most practicable alternative for meeting the Project's purpose and need while minimizing and avoiding impacts to regulated natural resources. Additionally, since the submission of the original JPA impacts to the adjacent area have been further reduced in an effort to minimize disturbances to the maximum extent practicable.

2. Original Comment – Plans – The plans included in the application submission consisted of the following sheets: C141, Sediment and Erosion Control Plan – I; C142, Sediment and Erosion Control Plan – II; and C143, Sediment and Erosion Control Plan – III. Plan Sheet C141 included a table of disturbance activities and areas within the regulated 100-foot adjacent area.

- Please provide plans that show existing conditions , as well as proposed conditions, grading, stabilization or disturbed areas and revegetation, as well as details and methods related to the list of disturbance activities listed in the table on sheet C141.

Response: Please refer to Attachment A for Project Drawings showing updated proposed work, along with existing conditions, grading, stabilization and details and methods as requested.

3. Original Comment – Threatened and Endangered Species: As you are aware, we have determined that the site is located within close proximity to a documented bald eagle nest and wintering area. The principal bald eagle-related concern at this site is for potential impacts to wintering eagles, since the nest site is farther away from the project location. The edge of the wintering area is essentially adjacent to the southwest side of the project property.

Application materials state that the applicant is in communication with the Department's Bureau of Wildlife regarding information needed for the Department to further review potential project impacts. As outlined in previous correspondence, if work is proposed during the winter season, the Department would need information on the proposed activities and equipment to be used, and a comparison of expected noise levels to ambient noise levels at the site. For analysis purposes, the wetland across Route 9 from the project property could be used as the point of reference for wintering eagles.

In addition, please note that to preserve eagle habitat, DEC recommends that no tree removal occur within 200 feet of a shoreline, no white pines be removed within 300 feet of a shoreline, and no white pines larger than 25 inches DBH be removed at any location within eagle habitat.

Please advise as to the status of the above requested noise related information. Please be aware that this information is required as part of the complete application.

Response: Coordination with the NYSDEC Region 3 has been ongoing throughout the permitting process of this Project. On January 26, 2022 Bergmann submitted a noise analysis of the Van Cortlandt Manor in respect to Bald Eagles. It was determined that the proposed work would have an "'unnoticed or tolerable' effect on bald eagles utilizing the wintering habitat area." A response from DEC regarding this analysis is pending. This memo has been included as Attachment C to this NOIA as well.

4. Original Comment - State Environmental Quality Review Act (SEQR): Application materials state that the Village of Croton-on-Hudson Water Control Commission determined this action was a Type 1 action and circulated for SEQR Lead Agency for the coordinated review. Please provide the SEQR Lead Agency coordination letter distributed to NYSDEC. The Negative Declaration Resolution was provided with the application. Please provide the Negative Declaration and the supporting documents, including but not necessarily limited to Parts 1, 2 and 3 of the Environmental Assessment Forms.

Response: Please refer to Attachment D for the Full Environmental Assessment Form Parts I, II and III for the Project along with the Negative Declaration Resolution issued by the Water Control Commission of the Village of Croton-on-Hudson.

5. Original Comment - State Historic Preservation Act (SHPA) – Please submit the impact determination from the Office of Parks, Recreation and Historic Preservation.
We have reviewed the statewide inventory of archeological and historic resources maintained by the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP). These records indicate that the project is located within an area considered to be sensitive with regard to archaeological resources. Pursuant to section 14.09 of the Parks, Recreation and Historic Preservation Law (New York State Historic Preservation Act of 1980), the application is not complete until the Office of Parks, Recreation and Historic Preservation has made a determination whether:
(a) Any historic, architectural, archeological or cultural resources present in the project impact area are significant (listed on or eligible for listing on the State or national Register of Historic Places); and
(b) The project may have any impacts on such significant resources.

Response: Please Refer to Attachment E for a response from NYSOPRHP received on May 17, 2021, agreeing with New York State Department of Transportation's determination that the Project will have "No Adverse Effect on historic or archeological resources".

6. Original Comment - Uniform Procedures:
Please also be advised that pursuant to 6 NYCRR Part 621.4j, this is considered a UPA major project. Once the Department considers the application complete, a 15-day public notice period is required. You as the applicant will be responsible for publishing the Notice of Complete Application in the official newspaper of the town in which the project will occur. Any comments received must be addressed before a final permit decision is made.

Response: The permittee understands.

7. Original Comment - Compliance with the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activities (GP-0-15-002): Compliance with this SPDES General Permit is required for construction projects involving the disturbance of 5,000 square feet or more of land within the NYC Department of Environmental Protection East of Hudson Watershed or for proposed disturbance of 1 acre or more of land outside the NYC DEP Watershed. For construction permits, if this site is within an MS4 area (Municipal Separate Storm Sewer System), the stormwater plan must be reviewed and accepted by the municipality and the MS-4 Acceptance Form must be submitted to the Department. If the site is not within an MS4 area and other DEC permits are required, please contact the regional Division of Environmental Permits.

Response: The permittee is aware of the need for coverage under the permit. A SWPPP and NOI have been prepared with plans to obtain all necessary reviews and permits required. These documents are available for their review if need be.

We hope that we have adequately addressed all comments from your email, and that the application can be deemed complete. Please do not hesitate to contact me at 567-318-1547 or by email at rkozak@bergmannpc.com should you have any questions.

Sincerely,

Rita Kozak

Rita Kozak
Ecological Project Leader, BERGMANN

Attachment A: Project Drawings
Attachment B: Heritage Landscapes Tree Removal Justification
Attachment C: Noise Analysis Memo
Attachment D: FEAF Parts I, II & III
Attachment E: NYSOPRHP Determination of No Adverse Effect Letter
Attachment F: Stormwater Pollution Prevention Plan

Cc Richard Torres (Historic Hudson Valley)
Ray Darling, Jake Hill (Bergmann – Albany, NY)
Angela Schimizzi (Division of Marine Resources)
Susan Booth-Binczik (Bureau of Wildlife)

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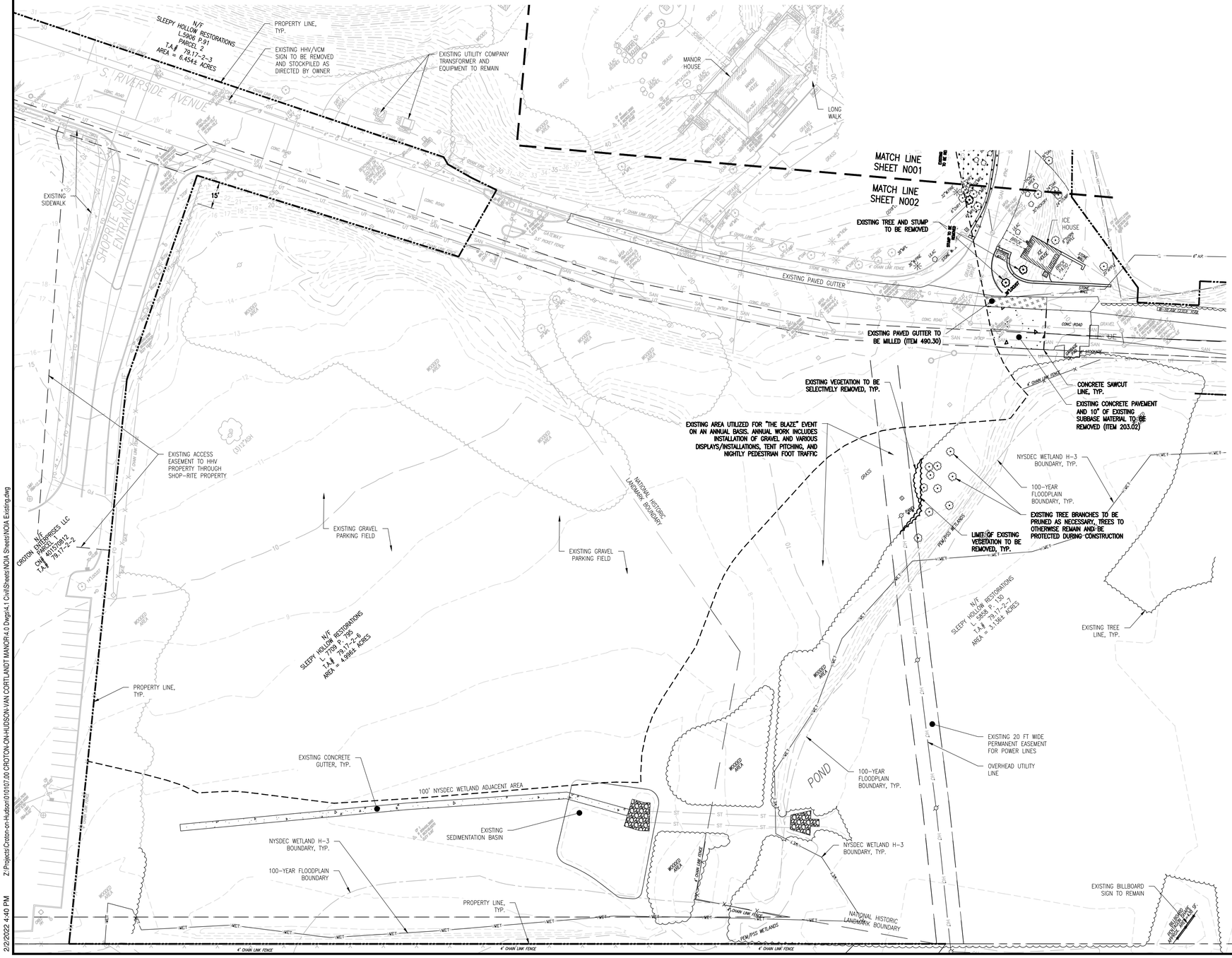
Attachment A
Project Drawings



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RESTORATION OF VAN CORTLANDT MANOR ENTRANCE PIN 8760.11

525 S RIVERSIDE AVENUE
CROTON-ON-HUDSON
WESTCHESTER, NY

Date Revised	Description

100% ADP SET
NOT FOR CONSTRUCTION

Project Manager	Discipline Lead
G. URSPRUNG, PE	R. DARLING, PE
Designer	Reviewer
P. HOLSBERGER	R. DARLING, PE
Date Issued	Project Number
12/20/2021	10107.00

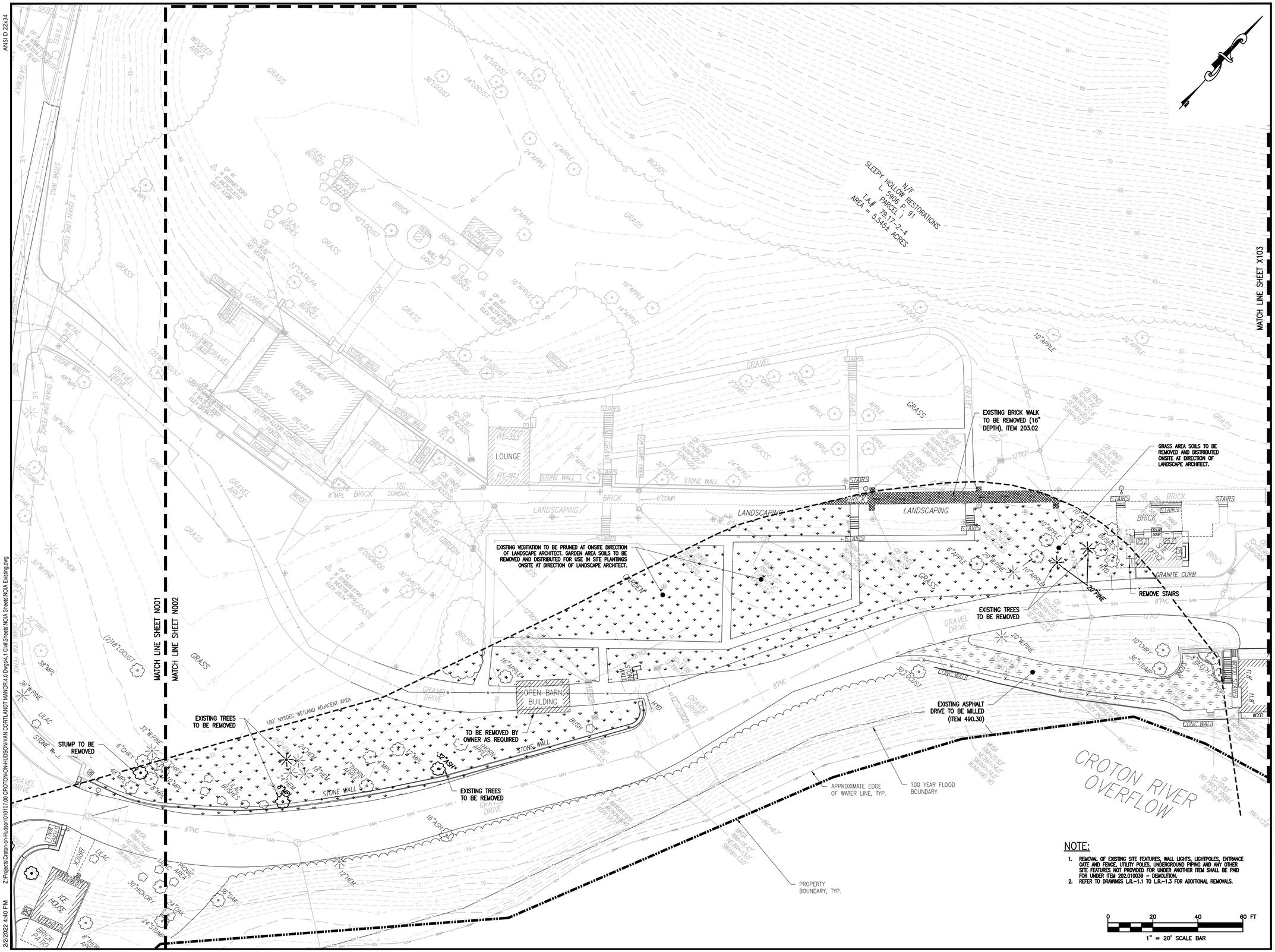
Sheet Name

NOIA EXISTING CONDITIONS AND REMOVALS I

Drawing Number

N001

ANSI D 22x34



NOTE:

1. REMOVAL OF EXISTING SITE FEATURES, WALL LIGHTS, LIGHTPOLES, ENTRANCE GATE AND FENCE, UTILITY POLES, UNDERGROUND PIPING AND ANY OTHER SITE FEATURES NOT PROVIDED FOR UNDER ANOTHER ITEM SHALL BE PAID FOR UNDER ITEM 202.010030 – DEMOLITION.
2. REFER TO DRAWINGS L.R.-1.1 TO L.R.-1.3 FOR ADDITIONAL REMOVALS.

0 20 40 60 FT

1" = 20' SCALE BAR

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Designer	Reviewer
P. HOLSBERGER	R. DARLING, PE
Date Issued	Project Number
12/20/2021	10107.00

Sheet Name

NOIA EXISTING CONDITIONS AND REMOVALS I

Drawing Number

N002

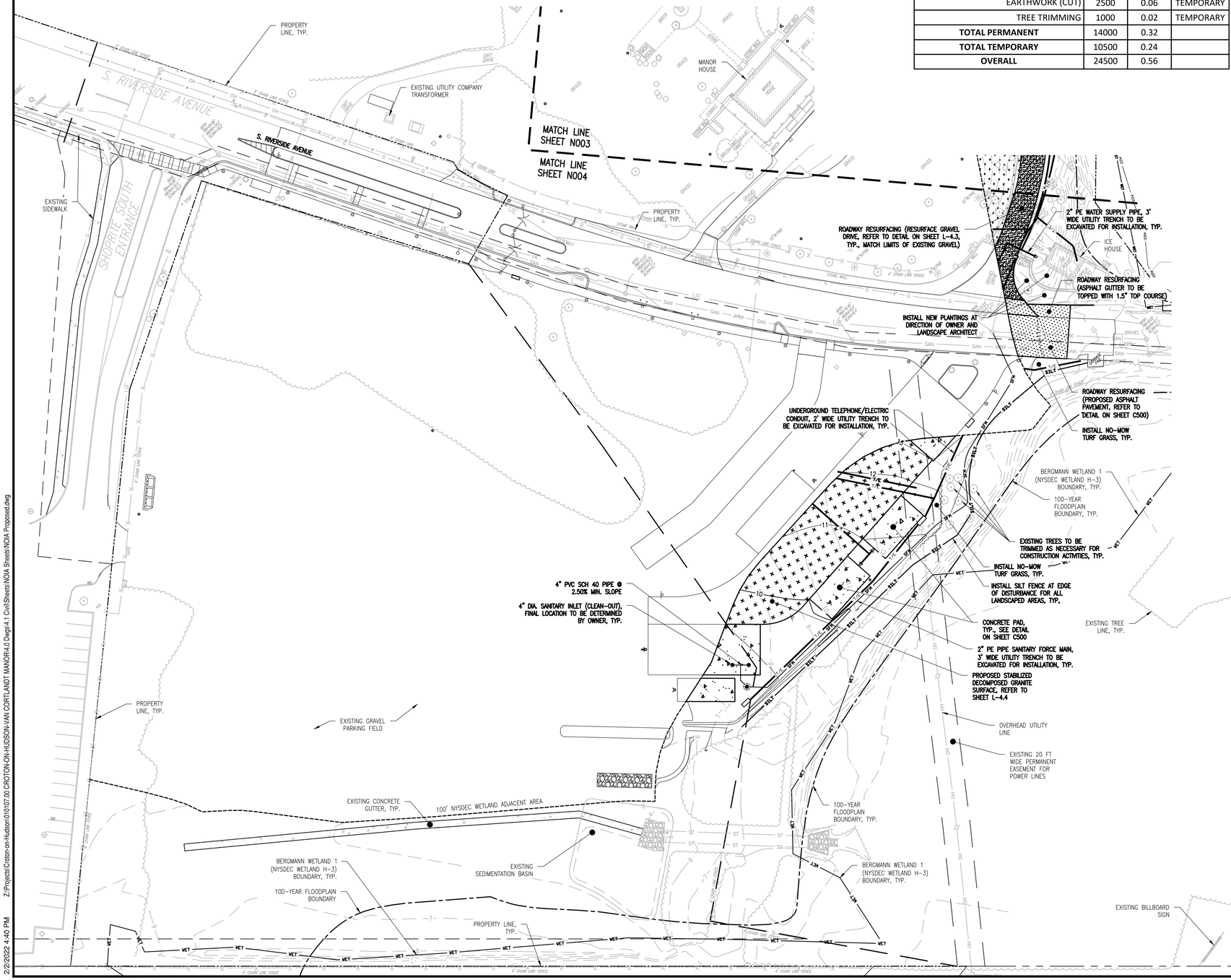
ANSI D 22x34

WETLAND AND WETLAND ADJACENT AREA DISTURBANCE TABLE:

WETLAND TYPE	WETLAND AREA (SF / AC)	AREA OF IMPACT		100' DEC ADJACENT AREA	ADJACENT AREA OF IMPACT	
		TEMPORARY	PERMANENT		TEMPORARY	PERMANENT
BERGMANN WETLAND 1 (NYSDEC H-3)	617,613 SF / 12.72 AC	0	0	59,900 SF / 1.38 AC	45,400 SF / 1.04 AC	14,500 SF / 0.33 AC

WETLAND ADJACENT AREA FILL CHART	
DESCRIPTION	VOLUME (CY)
EARTHWORK (FILL)	345
CONCRETE PADS	74
GRANITE PAVING	31

WETLAND ADJACENT AREA DISTURBANCE - N001, N003			
DISTURBANCE DESCRIPTION	AREA OF IMPACT		DISTURBANCE TYPE
	SF.	AC	
CONCRETE PADS	4000	0.09	PERMANENT
STABILIZED GRANITE PAVING	7500	0.17	PERMANENT
EARTHWORK (FILL)	2500	0.06	PERMANENT
ROADWAY RESURFACING	3000	0.07	TEMPORARY
UTILITY INSTALLATION (TRENCHING)	4000	0.09	TEMPORARY
EARTHWORK (CUT)	2500	0.06	TEMPORARY
TREE TRIMMING	1000	0.02	TEMPORARY
TOTAL PERMANENT	14000	0.32	
TOTAL TEMPORARY	10500	0.24	
OVERALL	24500	0.56	



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Date Issued	Project Number
12/20/2021	10107.00

Sheet Name

NOIA PROPOSED CONDITIONS I

Drawing Number

N003

ANSI D 22x34

WETLAND ADJACENT AREA DISTURBANCE - N002, N004			
DISTURBANCE DESCRIPTION	AREA OF IMPACT		DISTURBANCE TYPE
	SF.	AC	
LONG WALK EXPANSION	500	0.01	PERMANENT
EARTHWORK (FILL)	500	0.01	PERMANENT
ROADWAY RESURFACING	12750	0.29	TEMPORARY
UTILITY INSTALLATION (TRENCHING)	6000	0.14	TEMPORARY
GENERAL LANDSCAPING	12750	0.29	TEMPORARY
TREE CUTTING/TRIMMING	2400	0.06	TEMPORARY
EARTHWORK (CUT)	1000	0.02	TEMPORARY
TOTAL PERMANENT	500	0.01	
TOTAL TEMPORARY	34900	0.80	
OVERALL	35400	0.81	

MATCH LINE SHEET C141
MATCH LINE SHEET C142
MATCH LINE SHEET C143

LONG WALK EXPANSION (8' WIDE BRICK WALK, REFER TO DETAIL 1 ON SHEET L-4.1, TYP.)

INSTALL NEW PLANTINGS AT DIRECTION OF OWNER AND LANDSCAPE ARCHITECT

NEW MOWN TURF GRASS, TYP.

INSTALL INLET PROTECTION AT ALL EXISTING CATCH BASINS AND NEWLY INSTALLED CATCH BASINS AS CONSTRUCTION PROGRESSES, TYP.

INSTALL NEW PLANTINGS AT DIRECTION OF OWNER AND LANDSCAPE ARCHITECT

NEW MOWN TURF GRASS, TYP.

NEW MOWN TURF GRASS, TYP.

MANUFACTURED FILTRATION DEVICE, STORM MANHOLES AND HDPE STORM PIPING

UNDERGROUND TELEPHONE/ELECTRIC CONDUIT, 3' WIDE UTILITY TRENCH TO BE EXCAVATED FOR INSTALLATION, TYP.

NEW MOWN TURF GRASS, TYP.

GRASSED DRAINAGE SWALE, TYP.

ROADWAY RESURFACING (RESURFACE GRAVEL DRIVE, REFER TO DETAIL ON SHEET L-4.3, TYP., MATCH LIMITS OF EXISTING GRAVEL)

REMOVE 12 LF SECTION OF EXISTING 30" RCP PIPE AND INSTALL MANHOLE. CONNECT TO EXISTING PIPE WITH NEW COUPLINGS AND INSTALL NEW 30" HDPE PIPES INTO MANHOLE

ROADWAY RESURFACING (2" ASPHALT TOP COURSE)

100 YEAR FLOOD BOUNDARY

100' NYSDEC WETLAND BUFFER, TYP.

APPROXIMATE EDGE OF WATER LINE, TYP.

BERGMANN WETLAND 1 (NYSDEC WETLAND H-3) BOUNDARY, TYP.

PROPERTY BOUNDARY, TYP.

INSTALL SILT FENCE AT EDGE OF DISTURBANCE FOR ALL LANDSCAPED AREAS, TYP.

UNDERGROUND TELEPHONE/ELECTRIC CONDUIT, 3' WIDE UTILITY TRENCH TO BE EXCAVATED FOR INSTALLATION, TYP.

1" PE WATER SUPPLY PIPE 3' WIDE UTILITY TRENCH TO BE EXCAVATED FOR INSTALLATION, TYP.

0 20 40 60 FT
1" = 20' SCALE BAR

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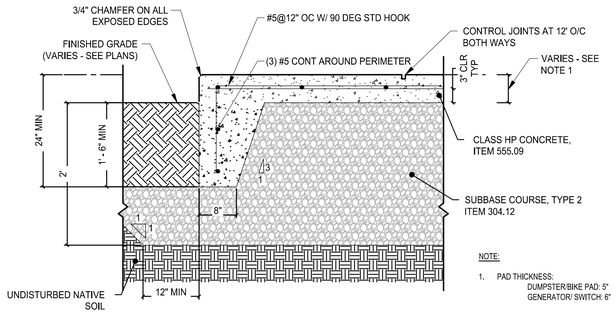
Sheet Name

NOIA PROPOSED CONDITIONS II

Drawing Number

N004

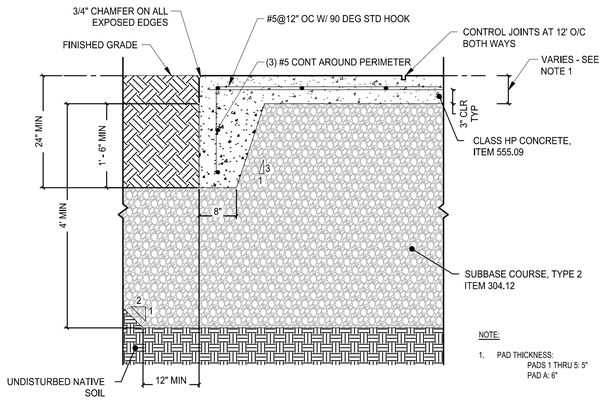


CONCRETE PAD DETAIL

N.T.S.

NOTE:

1. PAD THICKNESS: DUMPSTER/BIKE PAD: 5" GENERATOR/ SWITCH: 6"

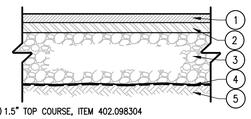


CONCRETE PAD DETAIL (FOR PADS SHOWN ON C102)

N.T.S.

NOTE:

1. PAD THICKNESS: PADS 1 THRU 5: 5" PAD A: 6"



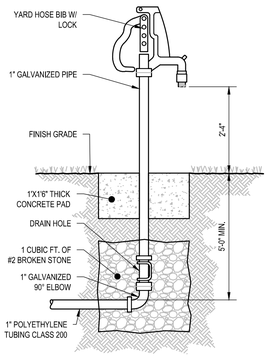
① 1.5" TOP COURSE, ITEM 402.098304
② 3.5" BINDER COURSE, ITEM 402.198904
③ 10" SUBBASE COURSE, TYPE 2 ITEM 304.12
④ MIRAFI 500X GEOTEXTILE FABRIC, ITEM 207.21
⑤ COMPACTED SUBGRADE

NOTE:

1. COMPACT SUBGRADE TO A MODIFIED PROCTOR DENSITY OF 95%

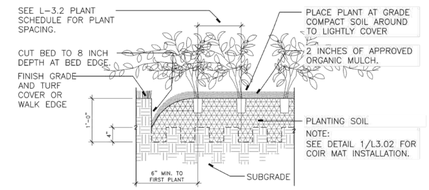
ASPHALT PAVEMENT SECTION

N.T.S.



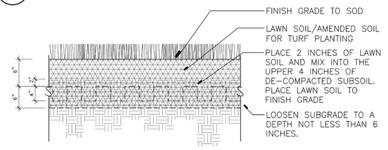
YARD HYDRANT, ITEM 663.13010039

N.T.S.



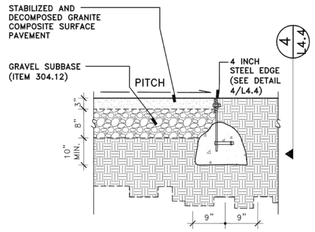
6 L3.4 SECTION: HERBACEOUS PLANTING

SCALE – 1" = 1'-0"



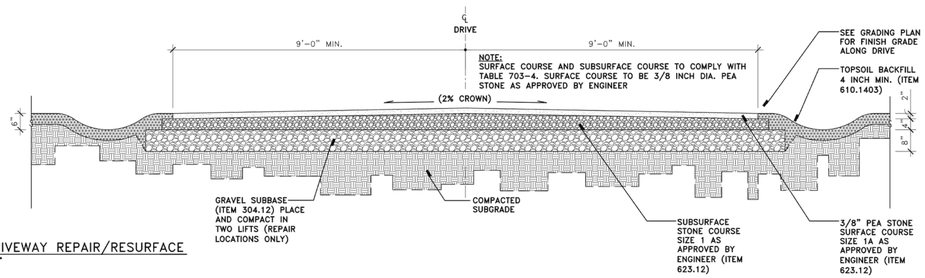
5 L3.4 SECTION: TURF REPAIR AND PLANTING

SCALE – 1" = 1'-0"



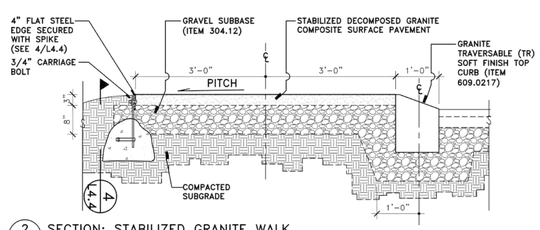
3 L4.4 SECTION: STABILIZED GRANITE PAVEMENT

SCALE – 1" = 1'-0" IN CONCRETE PAD AREA (ITEM 623.12000010)



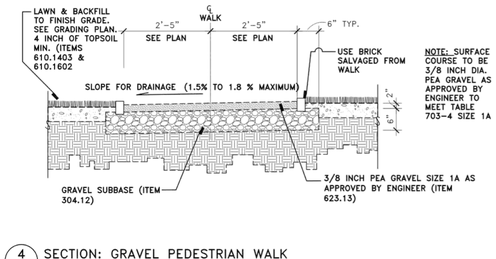
4 L4.3 SECTION: DRIVEWAY REPAIR/RESURFACE

SCALE – 3/4" = 1'-0"



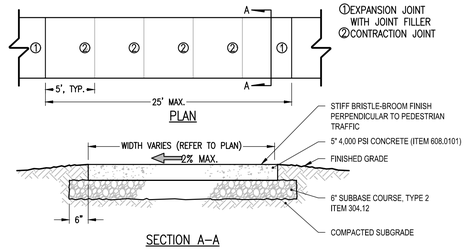
2 L4.4 SECTION: STABILIZED GRANITE WALK (ITEM 623.12000010)

SCALE – 1" = 1'-0"



4 L4.1 SECTION: GRAVEL PEDESTRIAN WALK

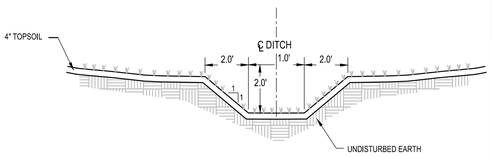
SCALE – 1" = 1'-0"



SECTION A–A

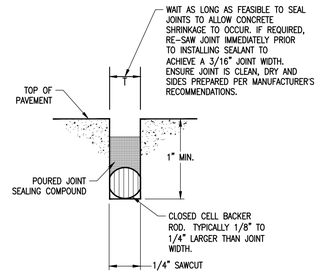
CONCRETE SIDEWALK DETAIL

N.T.S.



GRASS SWALE DETAIL

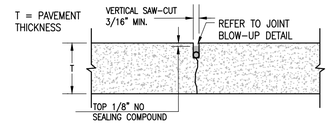
N.T.S.



NOTES:

1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
3. INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH.
4. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

JOINT BLOW-UP DETAIL



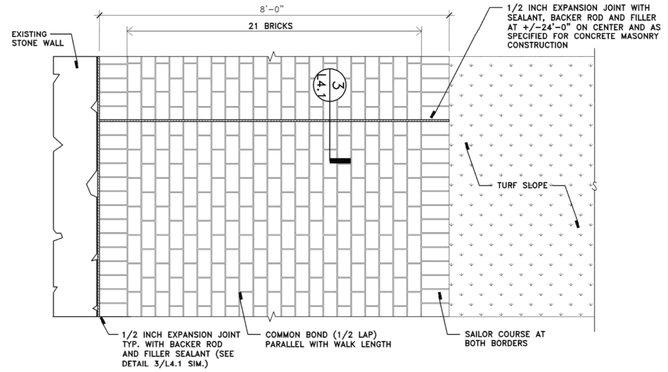
NOTES:

1. COLOR OF JOINT SEALANT SHALL MATCH COLOR OF ADJACENT PAVEMENT.

CONTROL JOINT

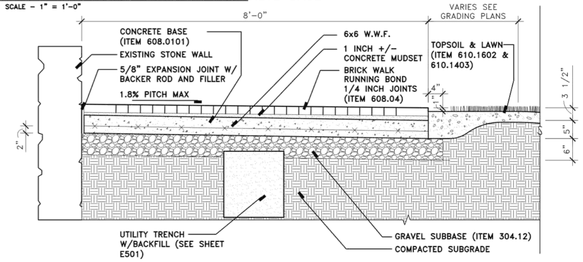
CONCRETE JOINT DETAILS

N.T.S.



2 L4.1 PLAN: LONG WALK, BRICK ON CONCRETE BASE

SCALE – 1" = 1'-0"



1 L4.1 SECTION: LONG WALK, BRICK ON CONCRETE BASE

SCALE – 1" = 1'-0"

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2 Winners Circle
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HISTORIC HUDSON VALLEY

639 BEDFORD ROAD
POCANTICO HILLS, NY

HERITAGE LANDSCAPES LLC

LANDSCAPE ARCHITECTS
CHARLOTTE, VT | NORWALK, CT
802.425.4330 | 203.852.9966

RESTORATION OF VAN CORTLANDT MANOR ENTRANCE PIN 8760.11

525 S RIVERSIDE AVENUE
CROTON-ON-HUDSON
WESTCHESTER, NY

Date Revised	Description

100% ADP SET
NOT FOR CONSTRUCTION

Project Manager	Discipline Lead
G. URSPRUNG, PE	R. DARLING, PE
Designer	Reviewer
P. HOLSBERGER	R. DARLING, PE
Date Issued	Project Number
12/20/2021	10107.00

Sheet Name

NOIA DETAILS I

Drawing Number

N005

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Attachment B
Heritage Landscapes Tree Removal Justification

DATE: 28 January 2022

TO: Ray Darling Jr., Bergmann PC
Paul Holsberger, Bergmann PC
FROM: Peter Viteretto, Heritage Landscapes LLC
Collin Sitz, Heritage Landscapes LLC
COPY: Patricia O'Donnell, Heritage Landscapes LLC

RE: Tree Removal and Replacements in the Wetland Adjacent Area

PROJECT: Restoration of Van Cortlandt Manor Entrance, PIN 8760.11

Restoration of the Van Cortlandt Manor entrance addresses the historic landscape character as part of the project work that involves removing and replacing trees to restore the property's historic character within the wetland adjacent area. Drawing Sheets N001 and N002 illustrate the extent of tree removals in this area that are part of the project to restore the Van Cortlandt Manor Entrance landscape.

Decisions for removal and replacement employ principles for stewardship of valued cultural resources of this National Historic Landmark property, including protection of contributing elements and renewal of the landscape character for future visitors. Factors to be considered are the condition and health of the trees, the potential for hazard, host for disease vectors/infestations, reduction of loss and damage to historic structures, and replacement of aged trees to ensure the landscape represents historic landscape character for the next generation.

Following is the list of trees and stumps identified for removal and replacement in the wetland adjacent area.

Sheet N001

Rp Robinia pseudoacacia – Black Locust 30" cal. Stump
The stump of the former black locust is being removed and a black locust is being planted in that location

Ap Acer platanoides – Norway Maple 14" cal.
The Norway maple, designated invasive species, has self-seeded and will be removed and replaced with a river birch (Betula nigra) and lilacs (Syringa vulgaris) to reflect the historic planting which has been lost over time.

Sheet N002

Sa Salix alba – White Willow (n/a cal.) Stump.
The stump of the white willow will be removed allowing more room for the remaining trees to develop. The tree was not historic and does not need to be replaced in kind.

Ma Morris alba – White Mulberry 8" cal.
The white mulberry has self –seeded directly at the top of the retaining wall posing a future hazard. The tree is not historic and will be removed leaving more room for the remaining serviceberry and historic hemlock trees to develop.

Fa Fraxinus alba White Ash 36" cal.
The decision to remove this Ash is based on the inevitability that this ash will be affected by the Emerald Ash Borer that will result in loss of the tree within 3 years of being infected, becoming a hazard. Based on the certainty that a replacement ash will become infected, it will instead be replaced by a Tulip tree. The adjacent sugar maple and Himalayan crabapple are being retained.

Up Ulmus pumila Chinese Elm 3" cal.
The Chinese elm is a self-sown tree which is not in keeping with the historic character. This small tree is being removed to avoid disfiguring the growth habit of the overhead eastern hemlock and remove a seed source as this tree has an invasive tendency.

Ps Pinus strobus, Eastern White Pine, (2) 22" cal.
The eastern white pines are maturing and have lost a majority of their lower branches. Pines are generally soft wooded and prone to breakage during storms. For this reason, they are considered a hazard in being so close to the historic Administration Building. They are being removed and replaced with younger white pines that can be better managed. Replanting pines is keeping within the historic character.

On the next page is a chart identifying plant materials that will be planted within the wetland adjacent area as part of the Van Cortlandt Manor Entrance Restoration:

PLANTING SCHEDULE OF MATERIAL WITHIN THE WETLAND ADJACENT AREA

QTY	KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	Notes
DECIDUOUS TREES: ITEM NO. 611.0171					
1	Lt	Liriodendron tulipifera	Tuliptree	2 1/2-3"	CAL. B&B
1	Po	Platanus occidentalis 'Bloodgood'	American Sycamore	2 1/2-3"	CAL. B&B
1	Rp	Robinia pseudoacacia	Black Locust	1 1/2-2"	CAL. B&B
DECIDUOUS TREES: ITEM NO. 611.0111					
1	Bn	Betula nigra	River Birch	8-10' HT	MULTI-STEM
EVERGREEN TREES: ITEM NO. 611.0381					
2	Ps	Pinus strobus	White Pine	7-8'	B&B
ORNAMENTAL TREES: ITEM NO. 611.0211					
3	Mc	Malus coronaria	Sweet Crabapple	2-2 1/2"	CAL. B&B
2	Mj	Malus 'JFS KW214MX'	Ivory Spear Crabapple	2-2 1/2"	CAL. B&B
SHRUB					
44	Ds	Deutzia scabra	Fuzzy Deutzia	1 Gal.	Cont.
1	Pc	Philadelphus coronarius ITEM NO. 611.0411	Sweet Mockorange	6-7'	B&B
2	Sv	Syringa vulgaris ITEM NO. 611.0581	Lilac	48"-60" HT	B&B

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Attachment C
Noise Analysis Memo

To: Richard Torres, Historic Hudson Valley

From: Ken Avery, P.E.

Date: January 26, 2022

Re: Restoration of Van Cortlandt Manor Entrance
PIN 8760.11, DEC Permit #: 3-5522-00352/00005
Tree Removal Construction Assessment – Noise Analysis

1.1 INTRODUCTION

In support of the restoration of the Van Cortlandt Manor Entrance project, Bergmann performed a noise analysis to assess the potential noise effects from tree removal operations that are anticipated to occur during the wintering season in proximity to bald eagle wintering habitat. The nearest bald eagle wintering habitat area has been identified by the NYSDEC as including the wetland area to the west of US Route 9 and east of a train station as shown in **Figure 1**.

Figure 1 Project Location Map

1.1.1 Environmental Setting

Noise can be described as unwanted sound. Three characteristics of noise have been identified as being important when quantifying noise, whether in regard to humans or other animal species:

- Intensity
- Frequency
- The time-varying characteristics of the noise

Although the human response to noise is different from animal response to noise, for the purposes of this study the standards used pertain to the human response to noise. This is thought to be a reasonable way to perform this assessment.

Intensity is a measure of the magnitude or energy of the sound and is directly related to pressure level. The human ear is capable of sensing a wide range of pressure levels. Pressure levels are expressed in terms of a logarithmic scale with units called decibels (dB). As the intensity of a noise increases, it is often subjectively judged to be more annoying. A 10-decibel increase in sound levels is typically judged by the listener to be twice as loud as the original sound. Conversely, a 10-decibel reduction is typically perceived as half as loud. An increase in sound levels of 3 decibels is considered to be the smallest change to the A-weighted sound level that people, without specifically listening for a change, can notice. An increase in sound levels of 5 decibels is perceptible and tolerable by humans as noted in Table B of *Assessing and Mitigating Noise Impacts* (NYSDEC, 2001) and other references, and reproduced as **Table 1** below.

Table 1 - Human Reaction to Increase in Sound Pressure Level

Increase in Sound Pressure Level (dB)	Human Reaction*
Under 5	Unnoticed to tolerable
5 – 10	Intrusive
10 – 15	Very noticeable
15 – 20	Objectionable
Over 20	Very objectionable to intolerable

Reference: Down and Stocks, 1978
*For purposes of this review, based on the above, a noise impact will be considered as an increase in noise levels of more than 5 dB above ambient levels.

It is necessary to use a method of measure that will account for the time-varying nature of sound when studying environmental noise. The equivalent sound pressure level (L_{eq}) is defined as the continuous steady sound level that would have the same total A-weighted sound energy as the real fluctuating sound measured over a given period of time. As a result, the three characteristics of noise combine to form a single descriptor (L_{eq} in dB(A)) that helps to evaluate human response to noise.

To understand the existing noise environment, a line source acoustical model, the Federal Highway Administration (FHWA) Transportation Noise Model 2.5 (TNM 2.5), was created within the project area. The project area is adjacent to US Route 9 and a train station. It was assumed that US Route 9 would be the dominant noise source in the project area. The Metro North train station is located approximately 800 ft to the west of the wintering habitat area, however the noise will have a smaller contribution than US Route 9. The traffic, volumes and classifications that were taken from the NYSDOT Traffic Data viewer, along with posted speeds were utilized in the TNM 2.5 model to determine the background noise levels.

1.1.2 Potential Impacts of Proposed Action (Construction Noise Analysis)

To evaluate potential noise levels as a result of construction activities for the site development that are planned for the wintering season, an analysis using the Roadway Construction Noise Model (RCNM), developed by the FHWA, was performed for the Project. RCNM uses reference noise levels for construction equipment, utilization percentages and expected maximum sound level (Lmax) values.

For this analysis it was assumed that the tree removal operations would be the only construction related activity occurring during the wintering season, and that only one specific tree cutting operation would be occurring at a given time, (cutting down one tree at a time). A list of the construction equipment that that's assumed to be used in this specific operation with the percent usage and reference noise level is provided in **Table 2**. It was also assumed that the wood chipper is a tow behind piece of equipment that would be stationary on South Riverside Avenue versus going in to the tree cutting area, for tree removal locations south of South Riverside Avenue.[1] .

Table 2 - Construction Equipment Reference Noise Levels

Construction Equipment	Usage (%)	Reference Noise Levels *Noise Level (dB(A))*
Tree Removal Operations		
Chainsaw (in operation)	20	84
Dump Truck	40	77
Back Hoe	40	78
Wood Chipper	20	89

Note: Reference noise levels at 50 feet are obtained from the FHWA Roadway Construction Noise Model or NYSDEC *Assessing and Mitigating Noise Impacts.*

Receivers were placed throughout the bald eagle wintering area, in three rows, equidistant from US Route 9, to estimate the pattern of noise propagation from tree removal operations. RCNM requires a distance be provided from the receiver to each piece of construction equipment. The tree cutting locations within the tree cutting area are specific to each receiver, the distance was set to the closest location within the area to that receiver, making it unique to each receiver. Due to the uniqueness of the receivers for the study, receivers are placed at 5-ft above the ground to represent a human ear and at 30-ft above the ground to represent an eagle in a tree or in the air looking for prey within the wetland area.

Hourly equivalent noise levels (Leq) at receivers are calculated using equipment Lmax values, utilization percentages from **Table 2**, and a few reference distances from tree cutting operations to the receivers as shown in **Figure 2**.

[1] This represents a worst-case scenario for purposes of this study. For implementation of the tree cutting, the wood chipper may be used at the location of the tree cutting, but other locations would be farther away from the eagle wintering area.

Figure 2 Receiver Location

Baseline noise levels, taken from the existing condition TNM results, are compared with the results from RCNM, the results can be seen in **Table 3** and **Table 4** representing receivers at 5-ft and 30-ft respectfully.

Table 3 Summary of Noise Levels at 5-ft Above Ground

Receiver Site	Receiver Distance from Route 9 (feet)	Existing Noise Levels (dBA)	Distance from tree cutting (feet)	Construction Noise Levels (dBA)	Combined Noise Level (dBA)	Noise Level Increase (dBA)
R1	39	69	493	63	70	**1**
R2	46	69	533	63	70	**1**
R3	39	70	529	63	70	**1**
R4	36	67	574	62	69	**1**
R5	44	67	706	61	68	**1**
R6	56	66	874	59	67	**1**
R7	158	64	877	59	65	**1**
R8	158	64	719	60	65	**2**
R9	148	65	644	61	66	**2**
R10	115	66	592	62	68	**1**
R11	112	66	561	62	68	**1**
R12	295	60	894	59	63	**2**
R13	302	60	834	59	63	**2**
R14	247	62	728	60	64	**2**

Table 4 Summary of Noise Levels at 30-ft Above Ground

Receiver Site	Receiver Distance from Route 9 (feet)	Existing Noise Levels (dBA)	Distance from tree cutting (feet)	Construction Noise Levels (dBA)	Combined Noise Level (dBA)	Noise Level Increase (dBA)
R1	39	76	493	63	76	**0**
R2	46	76	533	63	76	**0**
R3	39	76	529	63	76	**0**
R4	36	76	574	62	76	**0**
R5	44	76	706	61	76	**0**
R6	56	75	874	59	75	**0**
R7	158	71	877	59	71	**0**
R8	158	71	719	60	71	**0**
R9	148	71	644	61	71	**0**
R10	115	72	592	62	72	**0**
R11	112	72	561	62	73	**0**
R12	295	65	894	59	66	**1**
R13	302	65	834	59	66	**1**
R14	247	67	728	60	67	**1**

Depending on where the construction operations are occurring, the proximity of receivers to the construction operations, and the proximity to US Route 9, noise level increases from 0 to 2 dBA were calculated within the bald eagle wintering habitat area.

Based on Table B of *Assessing and Mitigating Noise Impacts* (NYSDEC, 2001) included here as Table 1, a 0 to 5 dBA sound level increase is considered "unnoticed to tolerable" and a 5 to 10 dBA sound level increase is considered "intrusive".

With this analysis it is confirmed that US Route 9 would still be the dominant noise source within the bald eagle wintering habitat area during the planned winter construction. Bergmann's previous field monitoring of avian responses to noise (e.g., bald eagles, peregrine falcons) both species have been observed to be generally tolerant of moderate sound pressure level increases (dB). Therefore, it is determined that the tree removal operations would have an "unnoticed to tolerable" effect on the bald eagles utilizing the wintering habitat area.

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Attachment D
FEAF Parts I, II & III

RESOLUTION

WHEREAS, Historic Hudson Valley has submitted an application to the **Water Control Commission (WCC)** of the Village of Croton-on-Hudson, for approval of a Wetland Activity Permit to implement site improvements including construction of concrete sidewalks, maintenance of historic brick walkway and stormwater management, landscape improvements, utility improvements, and roof replacements located at 525 South Riverside Avenue. Some of the site improvements will be within the 120 feet wetland/watercourse buffer zone;

WHEREAS, this proposal is considered a Type I Action under the State Environmental Quality Review Act (SEQRA); and

WHEREAS, the Water Control Commission circulated the application to other involved agencies; and

WHEREAS, the Water Control Commission declared itself Lead Agency on March 17, 2021; and

WHEREAS, a public hearing was held on March 17, 2021 after due notice; and

WHEREAS, the Water Control Commission referred the application to the Waterfront Advisory Committee to review the application for consistency with the Local Waterfront Revitalization Program (LWRP); and

WHEREAS, on May 5, 2021, the WAC reviewed the application and recommended consistency with the LWRP in its memo dated May 11, 2021; and

WHEREAS, on May 19, 2021 the Water Control Commission has reviewed the CAF dated March 2, 2021 and other documentation submitted with the application, all of which are incorporated herein by reference, and hereby determines after reviewing the LWRP policies and recommendation from the WAC that the Proposed Action complies with and is consistent with the policies, standards and conditions set forth in the Village's LWRP subject to any conditions listed below;

WHEREAS, based on the EAF and other documentation submitted with the application and the Water Control Commission's review of the criteria of significance in 6NYCRR617.7 the Water Control Commission hereby determines that there will be no significant adverse impacts resulting from the Proposed Action and hereby issues a Negative Declaration; and

WHEREAS, under Section 227-7(F) of the Village Code the Water Control Commission is the approving authority for the issuance of a Wetland Activity Permit and hereby issues a Wetland Activity Permit, subject to the conditions specified below.

NOW, THEREFORE, be it resolved, the Wetland Activity Permit application is approved, as shown on the Plan Set entitled "Restoration of Van Cortlandt Manor Entrance PIN 8760.11" Drawing Sheet CP-101 entitled "Site Plan-I", Drawing Sheet CP-102 entitled "Site Plan –II",

Drawing Sheet CP-103 entitled "Site Plan-III" dated March 8, 2021; Drawing entitled "Site Rendering" last revised May 2021, Coastal Assessment Form dated February 25, 2021; Environmental Assessment Form with USGS Topographic Map, dated March 2, 2021, Drawing Sheet CP-101 entitled "Concept Plan-1" dated April 29, 2021, and SWPPP dated April 2021, all drawings prepared by Bergmann, Architects, Engineers, Planners of Albany, New York; and correspondence submitted by NYSDOT dated April 23, 2021; subject to the conditions specified below:

1. The foregoing recitals are incorporated herein as if set forth at length.
2. That, the required permits from the NYSDEC and ACOE be obtained for any work in wetlands or buffer zones regulated by those agencies.
3. That, the final construction plans shall be provided to the Village Engineer and the Water Control Commission.
4. That, in accordance with Sections 227-8(F) and 227-8(G) of the Village Code the following conditions are established as part of the Wetland Activity Permit:
    a. That the work conducted under the Wetland Activity Permit shall be open to inspection during daylight hours, including weekends and holidays, by the approving authority or its designated representative or the Village Engineer.
    b. That the Wetland Activity Permit expiration date shall be 5/19/2022 or upon completion of the work specified therein.
    c. That the Applicant shall notify the Village Engineer of the date on which the work is to begin at least five days in advance of such commencement date.
    d. That the Wetland Activity Permit shall be prominently displayed or be available at the project site during the undertaking of the activities authorized by the permit.
    e. That, Best Management practices be used for erosion and sediment control, such as but not limited to, hay bales, silt fences, core logs, and filter bags if dewatering is needed and as shown on the plans referenced above.
    f. That, excavated soil shall be transferred to a truck and not be stock piled in the street ROW.
    g. Within 30 days after completion of all work authorized under a permit issued in accordance with this chapter, the applicant shall notify the Village Engineer of such completion which notification shall terminate the permit but not relieve the Applicant of its responsibility under this permit.
5. Within 30 days of the completion of the final restoration work, a certificate of completion of the work shall be submitted to the Village Engineer.

Motion: Mr. Leo Wiegman

Second: Chairman Stuart Greenbaum

Vote: AYES 4 NAYS 0 (Ms. Sasso was absent)

Date: May 19, 2021

FINAL

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Restoration of Van Cortlandt Manor Entrance Road Project, South Riverside Avenue (CR 305)		
Project Location (describe, and attach a general location map): South Riverside Avenue (CR 305) from ShopRite Plaza South Entrance to Old Albany Post Road (see Supplemental Information)		
Brief Description of Proposed Action (include purpose or need): See Supplemental Information		
Name of Applicant/Sponsor: Historic Hudson Valley	Telephone: 914-366-6900 E-Mail:	
Address: 639 Bedford Road		
City/PO: Pocantico Hills	State: NY	Zip Code: 10520
Project Contact (if not same as sponsor; give name and title/role): Richard J. Torres (Director of Buildings, Grounds and Security)	Telephone: 914-366-6900 E-Mail: rtorres@hudsonvalley.org	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☐Yes ☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☑Yes ☐No	See Supplemental Information	
e. County agencies ☐Yes ☑No		
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	See Supplemental Information	
h. Federal agencies ☑Yes ☐No	See Supplemental Information	

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☑Yes ☐No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes ☐No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes ☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☑Yes ☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes ☐No

If Yes, identify the plan(s):

Remediation Sites: 546031

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
RA-40, One Family Residence zoning classification to the east of South Riverside Ave
C-2, General Commercial zoning classification to the west of South Riverside Ave

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Croton-Harmon School District

b. What police or other public protection forces serve the project site?
Croton-on-Hudson Police, Westchester County Sheriff and NYS Police

c. Which fire protection and emergency medical services serve the project site?
Croton-on-Hudson Fire Department, Croton-on-Hudson Emergency Medical Services

d. What parks serve the project site?
The closest park to the project site is the Croton Point Park (<1 mile)

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? The general nature of the proposed actions are primarily transportation and historic preservation (addition of car charging spots, utility improvements, road resurfacing, landscaping)

b. a. Total acreage of the site of the proposed action? 46.9 acres
b. Total acreage to be physically disturbed? 5.6 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 46.9 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☑ Yes ☐ No
i. If No, anticipated period of construction: _____ months
ii. If Yes:
- Total number of phases anticipated 2
- Anticipated commencement date of phase 1 (including demolition) April month 2021 year
- Anticipated completion date of final phase Sept month 2022 year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐ Yes ☑ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☐ Yes ☑ No

If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:

_____

iii. If other than water, identify the type of impounded/contained liquids and their source.

_____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☑ Yes ☐ No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

If Yes:

i .What is the purpose of the excavation or dredging? Concrete pads, sidewalks,utility construction

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): 200+/- CY
- Over what duration of time? 2 years

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

Existing earth material to be used on the property where needed, or hauled offsite to an approved disposal site.

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☑ No

If yes, describe. _____

v. What is the total area to be dredged or excavated? 0.3 acres

vi. What is the maximum area to be worked at any one time? 0.3 acres

vii. What would be the maximum depth of excavation or dredging? 3 feet

viii. Will the excavation require blasting? ☐ Yes ☑ No

ix. Summarize site reclamation goals and plan: Existing earth material to be used on the property where needed, or hauled offsite to an approved disposal site.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☑ Yes ☐ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Proposed actions will only be done in adjacent area of a NYS Wetland H-3

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
There is an adjacent area of wetlands within the project area.

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☑No
If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☑No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☐Yes ☑No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐Yes ☐No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☐No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes ☐No
If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐Yes ☑No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐Yes ☑No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☐No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☑No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes ☐No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 0.35 acres (impervious surface)

Square feet or 46.9 acres (parcel size)

ii. Describe types of new point sources. There will be no new point-sources. New non-point sources will include stormwater runoff from the addition of impervious areas such as the new sidewalks and improvements to the long walk.

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

The stormwater runoff will be directed to an existing on-site water quality treatment area (sedimentation basin), and new stormwater management facilities, if needed (Long Walk).

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☑No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Landscaping and road paving equipment during construction

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

None

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

None

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

_____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

_____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

_____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 7am-5pm
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: Hours vary depending on visitors
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

Noise will be produced from heavy machinery when needed during construction. Construction activities will most likely occur between 7am and 5pm.

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

New security lighting will be installed within the site and will meet 'dark sky' standards.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:_____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☑ Forest ☐ Agriculture ☑ Aquatic ☑ Other (specify): Historic

ii. If mix of uses, generally describe:

The eastern side of the project site includes a gravel/grass parking field surrounded with shrubs/trees. The western side include the manor buildings and gardens. To the southeast of the site is the Croton River and to the northwest is forested area and a shopping plaza.

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.9	1.0	+0.1
• Forested	1.5	1.5	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	1.1	1.0	-0.1
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	1.2	1.2	0
• Other Describe: _____	0	0	0

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☑ Yes ☐ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☑ Yes ☐ No

☐ Yes – Spills Incidents database Provide DEC ID number(s): _____

☑ Yes – Environmental Site Remediation database Provide DEC ID number(s): 546031

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures:_____

Hudson River PCB's- Superfund Site

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): 360010, 546031

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

546031- Hudson River PCB Sediments: Phase 1 dredging commenced in May 2009, and was completed in October 2009. Construction work for Phase 2 of the remedial project started in 2011, and was completed in 2016. Dredging was completed in fall 2015; habitat reconstruction was completed in 2016. Facility decommissioning was performed in 2016.

360010- Harmon Railroad Yard- Waste Water Area: Remediation is complete. Project is in Site Management.

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? >6.6 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

KnC- Knickerbocker fine sandy loam	30.4 %
Uc- Udorthents, wet substratum	35.7 %
HnC- Hinckly loamy sand	16.8 %

d. What is the average depth to the water table on the project site? Average: 3.5 feet

e. Drainage status of project site soils:
☑ Well Drained: 50 % of site
☑ Moderately Well Drained: 15 % of site
☑ Poorly Drained 35 % of site

f. Approximate proportion of proposed action site with slopes:
☑ 0-10%: 55 % of site
☑ 10-15%: 45 % of site
☐ 15% or greater: _____% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, NYS Wetland Approximate Size NYS Wetland (acres):44.1
- Wetland No. (if regulated by DEC) H-3

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Name - Pollutants - Uses:Hudson River (Class SB), portion – Priority Organics – Fish Consumption

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☑ Yes ☐ No

k. Is the project site in the 500-year Floodplain? ☑ Yes ☐ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑ Yes ☐ No
If Yes:

i. Name of aquifer: Principal Aquifer, Primary Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:

Hawks | Rabbits

Songbirds | Deer

Squirrels

n. Does the project site contain a designated significant natural community? ☑ Yes ☐ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): Tidal River

ii. Source(s) of description or evaluation:

iii. Extent of community/habitat:

- Currently: 74248.64 acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑ Yes ☐ No

If Yes:

i. Species and listing (endangered or threatened): Bald Eagle
Atlantic Sturgeon and Shortnose Sturgeon in Hudson River which will not be affected by project

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑ Yes ☐ No

If Yes:

i. Species and listing: Bald Eagle, New England Bulrush, Water Pigmyweed, and Spongy-Leaved Arrowhead

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑ Yes ☐ No

If yes, give a brief description of how the proposed action may affect that use: Hudson and Croton River used for fishing. The proposed action will not affect that use.

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No

If Yes, provide county plus district name/number:

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site?

ii. Source(s) of soil rating(s):

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑ Yes ☐ No

If Yes:

i. CEA name: Hudson River & Croton Point Park

ii. Basis for designation: Exceptional or unique character

iii. Designating agency and date: Agency: Westchester County, Date:1-31-90

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Van Cortlandt Manor

iii. Brief description of attributes on which listing is based:

Listed as National Historic Landmark. Nomination form in supplemental information.

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Taconic State Parkway - see Supplemental Information for map

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): NYS Scenic Byway

iii. Distance between project and resource: 4 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

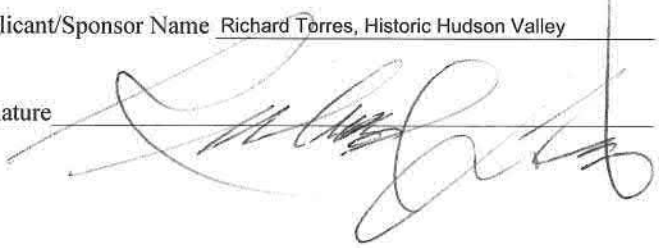
Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

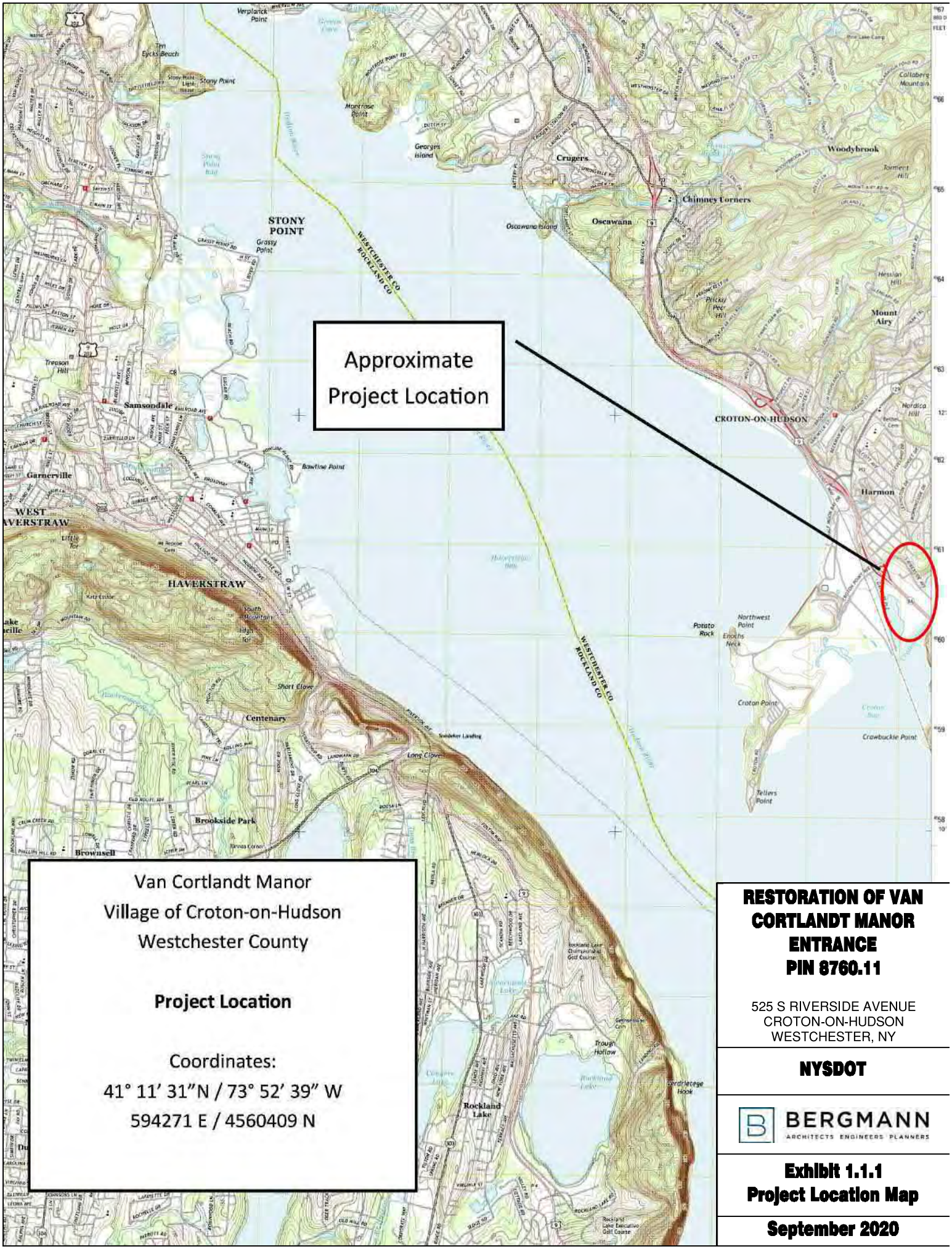
G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Richard Torres, Historic Hudson Valley Date 03/2/2021

Signature  Title Director of Buildings, Grounds, & Security

PRINT FORM



Van Cortlandt Manor
Village of Croton-on-Hudson
Westchester County

Project Location

Coordinates:
41° 11’ 31”N / 73° 52’ 39” W
594271 E / 4560409 N

RESTORATION OF VAN CORTLANDT MANOR ENTRANCE
PIN 8760.11

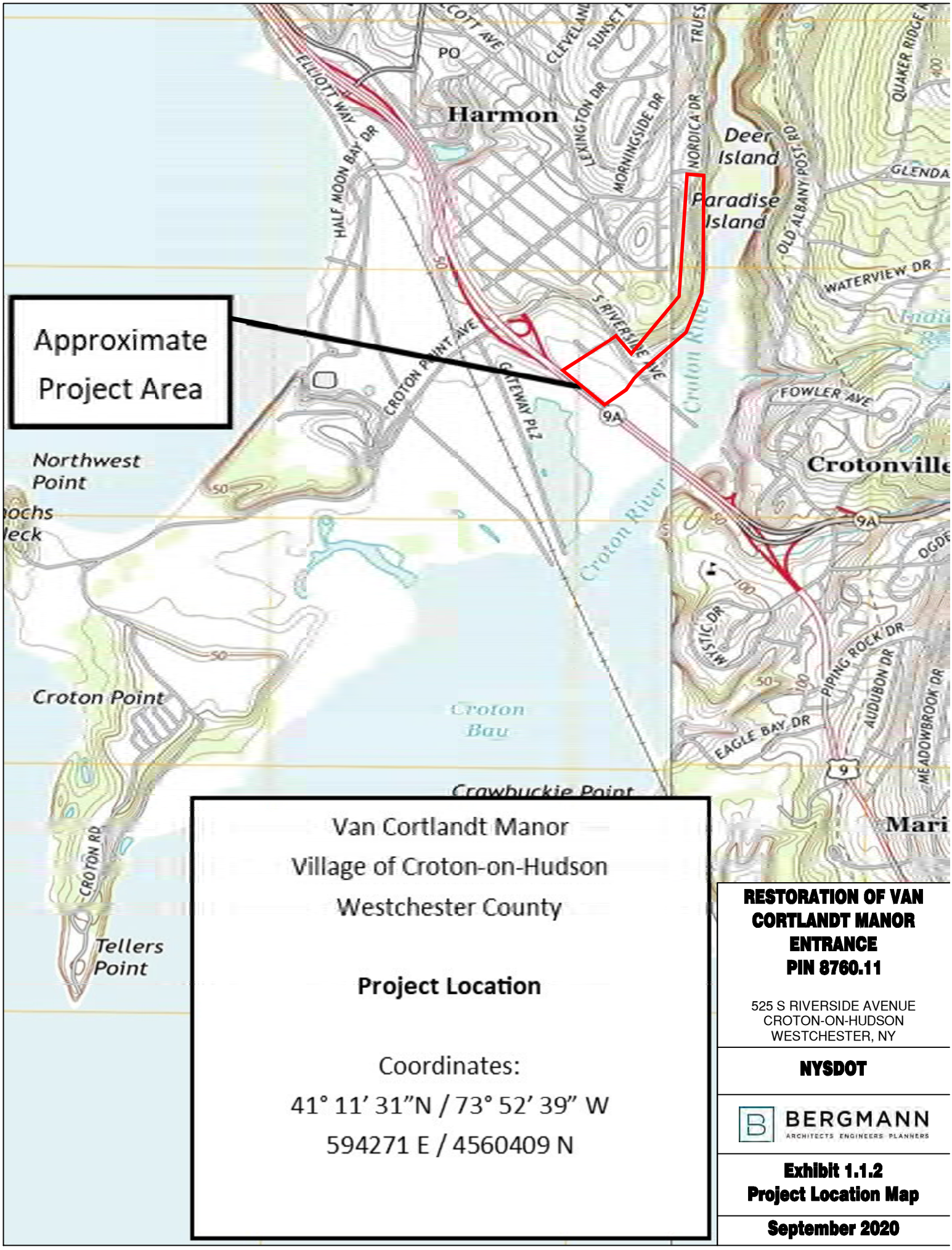
525 S RIVERSIDE AVENUE
CROTON-ON-HUDSON
WESTCHESTER, NY

NYSDOT

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

Exhibit 1.1.1
Project Location Map

September 2020



RESTORATION OF VAN CORTLANDT MANOR ENTRANCE
PIN 8760.11

525 S RIVERSIDE AVENUE
CROTON-ON-HUDSON
WESTCHESTER, NY

NYSDOT

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

Exhibit 1.1.2
Project Location Map

September 2020

A. Project Applicant/Sponsor Information

Brief Description of Proposed Action (include purpose or need):

The project is a Locally Administered Federal Aid project that involves providing renovations to the National Historic Landmark Van Cortlandt Manor (VCM) for the not-for-profit education organization, Historic Hudson Valley (HHV). HHV interprets and promotes historic landmarks of national significance in the Hudson Valley for the benefit and enjoyment of the public.

The purpose of this project is to provide for a more appropriate and compatible entrance to the historic Van Cortlandt Manor site that is safe and enhances the experience of visitors to the property. Project objectives include:

(1) Remove modern intrusions from the National Historic Landmark portion of the property.

(2) Restore the landscape to its state prior to the construction of old US Route 9.

(3) Enhance visitor access by strengthening the site's identity and making the site more welcoming.

(4) Enhance the visitor's experience and understanding of the site and the history it represents.

(5) Improve site safety and security to protect historic resources and visitors.

Preliminary inquiry was made to the State Historic Preservation Office (SHPO) in a letter dated February 11, 2019. The SHPO replied in a letter dated May 20, 2019 under the project number of 19PRO2857. Copies of these letters are attached under Correspondence as Exhibit A and Exhibit B, respectively. Please note that the project has been refined since that submission. The following is a brief description of the current project:

<u>Outside of National Historic Landmark Boundary:</u>

South Riverside Avenue:

- Extend ADA compliant concrete sidewalks and provide crosswalk and security lighting.
- Improve the existing site entrance signs and security entrance gate.
- Install bike racks.

Former Drive-in Parcel:

- Improve existing entrance gate to the parcel from the ShopRite parking lot.

<u>Within the National Historic Landmark Boundary:</u>

- Provide concrete pads for visitor reception courtyard tent area, which includes utilities (water, sanitary sewer, electrical, data).
- Provide electric vehicle charging stations.
- Resurface existing concrete road with micro-surface treatment.
- Replace existing Long Walk brick pavers with a wider ADA accessible walkway, along with 'dark sky' compliant site lighting.
- Clean up existing brush and plantings, restore stone retaining walls and other landscape features, and provide drainage improvements as required along driveways and walkways.

- Install electric and data for site lighting and security cameras.
- Trim/remove select trees to protect historic buildings.
- Replace roofing systems at the Visitor Accommodation Building and the Office Building.

B. Government Approvals

Government Entity	Agency and Approval(s) Required	Application Date (Actual or projected)
a. Croton-on-Hudson Water Control Commission	Wetlands Activities Permit & SEQR Compliance	Spring 2021
b. Croton-on-Hudson Village Engineer's Office	Building Permit	Spring 2022
	Tree Removal Application	Spring 2022
	Water/Sewer Connection Application	Spring 2022
	Excavation or Fill Permit	Spring 2022
c. State agencies	NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit	Spring 2022
	NYS Department of State Coastal Zone Consistency Certification Statement	Fall 2021
	NYS Department of State Coastal Zone Local Waterfront Revitalization Certification	Fall 2021
	NYSDEC Article 24- Freshwater Wetlands Permit	Fall 2021
d. Federal agencies	Funding approval from Federal Highway Association	Winter 2021

E. Site and Setting of Proposed Action
E.3. Designated Public Resources On or Near Project Site
h.

Figure 1: Location of Taconic State Parkway (NYS Scenic Byway) relative to project site

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Acting Commissioner

May 20, 2019

Mr. Mark Daley
Associate Director of Development
Historic Hudson Valley
639 Bedford Road
Pocantico Hills, NY 10591

Re: FHWA
Van Cortlandt Manor Entrance
525 S. Riverside Avenue, Village of Croton-on-Hudson, Westchester County, NY
19PR02857

Dear Mr. Daley:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the provided documentation in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (NY Environmental Conservation Law Article 8).

We note that Van Cortlandt Manor is a National Historic Landmark. We have reviewed the project description and supporting documentation that was provided to our office on April 25th, 2019. We understand that the project will include site improvements and the construction of new support structures. Based on our review, we offer the following preliminary comments:

1. Our office has no archaeological concerns with the proposed work
2. The restorative approach of the project, as outlined in your letter—including removal of unsympathetic site features and alterations and the siting of new structures away from the historic core—seems appropriate. We would need architectural plans illustrating the new structures in order to provide more detailed comments.
3. Please provide the names and contact information of the FHWA and/or NYS DOT project contact people for this undertaking. Formal consultation with our office should be initiated by the federal or state agency involved, and please note that the Area of Potential Effect for purposes of Section 106 review may differ from the present project area.

We would appreciate if the requested information could be provided via our Cultural Resource Information System (CRIS) at https://cris.parks.ny.gov/ on the CRIS site, you can log in as a guest and choose "submit" at the very top menu. Next choose "submit new information for an existing project". You will need this project number and your e-mail address. If you have any questions, I can be reached at (518) 268-2182.

Sincerely,

Olivia Brazee
Historic Site Restoration Coordinator
olivia.brazee@parks.ny.gov

via e-mail only

U.S. Department of Transportation
Federal Highway Administration

New York Division

Leo W. O'Brien Federal Building
11A Clinton Avenue, Suite 719
Albany, NY 12207
518-431-4127
Fax: 518-431-4121
New York.FHWA@dot.gov

January 4, 2021

In Reply Refer To:
HPD-NY

Kathleen Wolfanger
Regional Cultural Resource Coordinator
New York State Department of Transportation, Region 8
4 Burnett Boulevard
Poughkeepsie, NY 12063

Subject: PIN 8760.11 - Section 106 and Section 4(f) Consultation
Restoration of Van Cortlandt Manor Entrance
Village of Croton-on-Hudson, Westchester County

Dear Ms. Wolfanger:

Please reference your letter dated November 23, 2020 requesting our review and concurrence that the requirements of 36 CFR Part 800 and 23 CFR Part 774 have been met for the subject project.

The New York State Department of Transportation (NYSDOT) applied the criteria of effect in accordance with Section 800.5(b) of 36 CFR Part 800 and concluded that the undertaking will result in *No Adverse Effect* on historic resources on or eligible for inclusion on the National Register (NR) of Historic Places.

On November 20, 2020, the New York State Historic Preservation Office (SHPO) provided an opinion that based on their review of the submitted information the project will have *No Adverse Effect* upon historic resources.

On November 30, 2020, the National Park Service (NPS) was contacted regarding the subject project's proposed work, which is located on the Van Cortlandt Manor site and is a National Historic Landmark (NHL). The NPS did not provide a response within the 30 days they are allotted under current consultation procedures, resulting in their concurrence.

We have reviewed the information provided and have determined that this project will have *No Adverse Effect* on the Van Cortlandt Manor site, listed on the National Register of Historic Places. The requirements of 36 CFR Part 800 have been met for this project.

Your November 23 letter also requested our concurrence that the requirements of 23 CFR 774 have been met for the subject project. NYSDOT applied the *de minimis* impact criteria to the historic Section 4(f) resource. SHPO and NPS have been informed of the Federal Highway Administration's (FHWA) intent to make a Section 4(f) *de minimis* use finding as a result of their concurrence with the *No Adverse Effect* determination.

The proposed use of the Section 4(f) property for the subject project is considered minor and will not adversely affect the features, attributes, or activities that qualify for protection under Section 4(f). We have determined that the project will have a Section 4(f) *de minimis* use on the NR- and NHL-listed Van Cortlandt Manor site. The requirements of 23 CFR Part 774 have been met for this project.

During our review of the proposed scope of work for the subject project, FHWA noted several items that are ineligible for Federal-aid. Federal participation is limited to work related to the project's transportation purpose and need within the publicly-owned right-of-way. The work associated with the proposed concrete pads for visitor reception courtyard area, "Long Walk" brick pavers and lighting, landscaping, electric and data installation, Visitor Accommodation Building and Office Building roof systems replacement, site entrance signs and security gate, barn/workshop maintenance facility, and Starlight Drive-in entrance gate do not appear to be eligible for Federal-aid.

If you have any questions, please feel free to contact me at (518) 431-8855.

Sincerely,

Jared A. Gross, P.E.
Area Engineer

cc: M. Lynch, Division Director, NYSHPO (19PR02857)
C. Turton, Community Planner, NPS
O. Trocard, Local Projects Unit, NYSDOT Region 8
M. Zamierowski, Local Projects Unit, NYSDOT, Region 8
B. Repetti, Environmental Specialist, NYSDOT, Region 8

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]
Project : HHV Improvements
Date : 5/19/21

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes**" to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No**" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: _____		☐	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☑ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☑	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☑	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☑	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☑	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☑	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☑	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☑	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☑	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☑	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☑	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☑	☐

l. Other impacts: _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☑NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☐	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☐	☐
h. Other impacts: _____		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐NO ☑YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☑NO ☐YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: _____ _____		☐	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
If "Yes", answer questions a - g. If "No", go to Section 10.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☐ ☐	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____		☐	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)
If "Yes", answer questions a - e. If "No", go to Section 11.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☑	☐

d. Other impacts: _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☑	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☑	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☑	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts: _____		☐	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts: _____		☐	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____		☐	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☐	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts: _____			

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: _____ _____		☐	☐

16. Impact on Human Health
The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☑ NO ☐ YES
If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☐	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☐	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☐	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts: _____ _____			

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☑ NO ☐ YES

(See Part 1. C.1, C.2. and C.3.)

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES

(See Part 1. C.2, C.3, D.2, E.3)

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project : HHV Improvements

Date : 5/19/21

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

Improvements in the wetland buffer zone area in areas currently used for activities at the site. The slight increase in storm water runoff will be managed with a proposed dry filter swale which will have an under drain that discharges into the existing storm water management basin for the field parking area. A Storm Water Pollution Prevention Plan has been prepared for the project. The final detailed design drawings will be provided to the Village for use during the required inspect of the site during construction. The improvements will improve access, accessibility, safety and security of the existing Van Cortlandt Manor Historic Site.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information
Site Plans, SWPPP,FEAF Part 1

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the
Water Control Commission of the Village of Croton-on-Hudson as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Restoration of Van Cortlandt Manor Entrance Road Project

Name of Lead Agency: Water Control Commission

Name of Responsible Officer in Lead Agency: Stuart Greenbaum

Title of Responsible Officer: Chairman of the Water Control Commission

Signature of Responsible Officer in Lead Agency: Stuart Greenbaum Date: 5/19/21

Signature of Preparer (if different from Responsible Officer) Daniel O'Connor, P.E. Date: 5/19/21

For Further Information:

Contact Person: Daniel O'Connor, P.E., Village Engineer

Address: Village of Croton-on-Hudson, 1 Van Wyck Street, Croton-on-Hudson, NY 10520

Telephone Number: 914-271-4783

E-mail: engineering@crononhudson-ny.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

BERGMANN
ARCHITECTS ENGINEERS PLANNERS

Attachment E
NYSOPRHP Determination of No Adverse Effect Letter

NEW YORK STATE OF OPPORTUNITY. Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

May 17, 2021

Kathleen Wolfanger
Regional Cultural Resources Coordinator
NYS Dept. of Transportation
4 Burnett Blvd.
Poughkeepsie, NY 12603

Re: FHWA
Van Cortlandt Manor Entrance
525 S. Riverside Avenue, Village of Croton-on-Hudson, Westchester County, NY
19PR02857

Dear Ms. Wolfanger:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the provided documentation in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

We understand that there have been revisions proposed to the scope of work for the entrance to the the Van Cortlandt Manor, which is a National Historic Landmark. Our office has reviewed the the April 26, 2021 letter outlining the proposed updates. Based upon our review, the NYSHPO concurs with the NYSDOT finding that the existing determination of No Adverse Effect on historic or archaeological resources remains valid and appropriate.

If you have any questions, I am best reached by email.

Sincerely,

Derek Rohde
Historic Site Restoration Coordinator
e-mail: derek.rohde@parks.ny.gov

via e-mail only