

### **PUBLIC NOTICE**

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

### In replying refer to:

Public Notice Number: NAN-2020-00541-WRY Issue Date: March 31, 2021 Expiration Date: April 30, 2021

### To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Town of Clarkstown

Attn: Dennis Letson 10 Maple Avenue Clarkstown, NY 10956

ACTIVITY: The discharge fill material into approximately 1.41 acres of waters of the

United States and the excavation of approximately 1.24 acres of waters

for a flood reduction project.

WATERWAY: Unnamed Tributary of Hackensack River (Passaic River Watershed)

LOCATION: Town of Clarkstown, Rockland County, New York

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

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an

### **CENAN-OP-RW**

PUBLIC NOTICE NO. NAN-2020-00541-WRY for the West Nyack Revitalization Project in West Nyack, Town of Clarkstown, Rockland County, New York

Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THIS PERMIT APPLICATION MUST BE PREPARED IN WRITING AND E-MAILED TO THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity. Emailed comments must include this public notice's number, NAN-2020-00541-WRY.

The email inbox for written comments is: Alexandra.Ryan@usace.army.mil.

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

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

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

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act. On January 19, 2021, the New York State Department of Environmental Conservation issued the required Section 401 Water Quality Certificate, Permit ID 3-3920-00669/00002.

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact Miss Alexandra

### **CENAN-OP-RW**

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Ryan, of this office, at Alexandra.Ryan@usace.army.mil or at (917) 790-8518.

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

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

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Date: 2021.03.29 10:56:20 758

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for Stephan A. Ryba Chief, Regulatory Branch

**Enclosures** 

**CENAN-OP-RW** 

PUBLIC NOTICE NO. NAN-2020-00541-WRY for the West Nyack Revitalization Project in West Nyack, Town of Clarkstown, Rockland County, New York

### **WORK DESCRIPTION**

The applicant, the Town of Clarkstown, has requested Department of the Army authorization for the discharge of fill material into approximately 1.41 acres of waters of the United States and the excavation of approximately 1.24 acres of waters for a flood reduction project. The project site is located within the Passaic River watershed, in the Town of Clarkstown, Rockland County, New York.

The work would involve re-grading the property to create a series of ponds, channels, micropools, and wetland areas over 0.43 acres north of West Nyack Road and 2.2 acres south of West Nyack Road. In the area north of West Nyack Road, the applicant proposes to excavate approximately 56 CY of material from the existing earthen berm and place an additional 663 CY over 0.37 acres to shift the berm to the western side of the stream channel and extend around the wetland. This shift in berm location would increase storage capacity of the stream and wetland. South of West Nyack Road, approximately 3,214 CY of material would be excavated over 1.24 acres to create various ponds and expand existing wetlands. Additionally, 1.41 acres of existing wetlands and stream channel would be filled with 1,477 CY of material to facilitate berm creation and east stream channel relocation. The existing eastern stream channel would be filled and re-aligned to the west of its current location. All disturbed areas would be planted with native species appropriate for each habitat type, as noted on Plans C4.0 through C4.5, attached to this public notice.

The primary stated purpose of this project is to reduce flooding. A new recreational area would be constructed within existing upland areas.

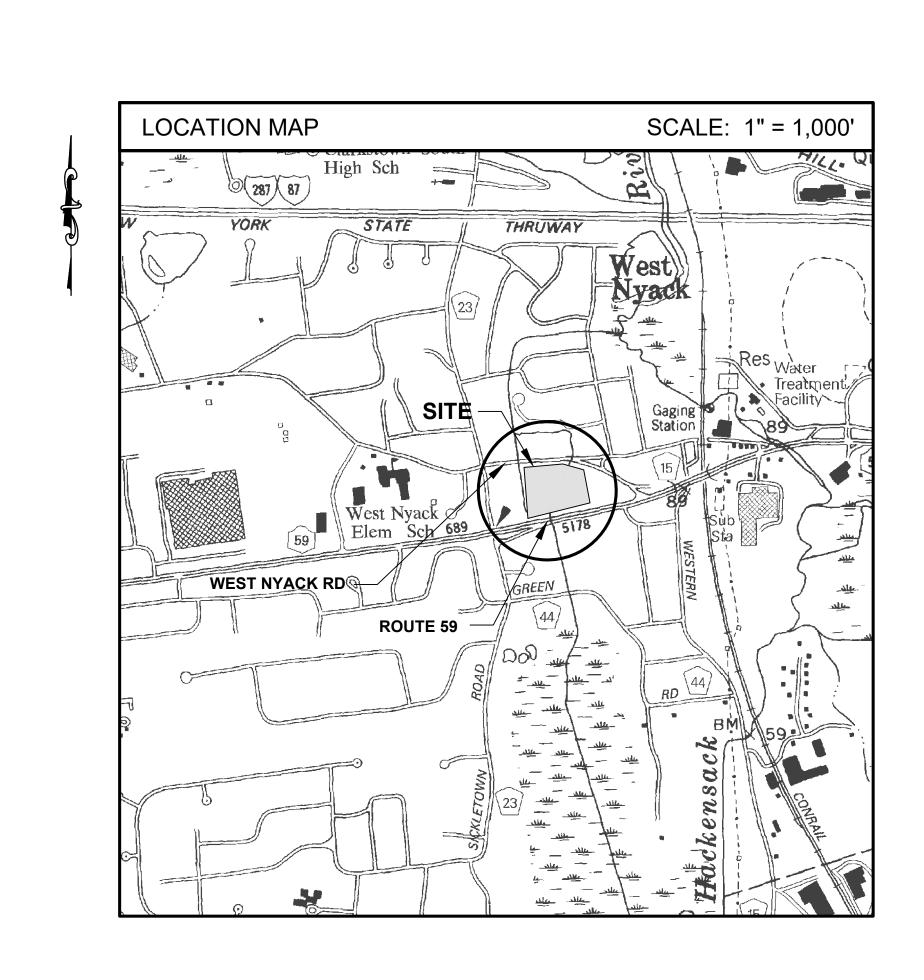
USACE File No. NAN-2020-00541-WRY

# TOWN OF CLARKSTOWN



# WEST NYACK HAMLET REVITALIZATION PARK & ENVIRONMENTAL IMPROVEMENTS (PART B) TOWN OF CLARKSTOWN, NEW YORK NYSDEC RESUBMISSION - 09/28/2020

TOWN CAPITAL PROJECT NO.: H8755-409-0-79-21
TOWN BID NO.: 16-2019
H2M PROJECT NO.: CLKT 18-02



# **OFFICIALS**

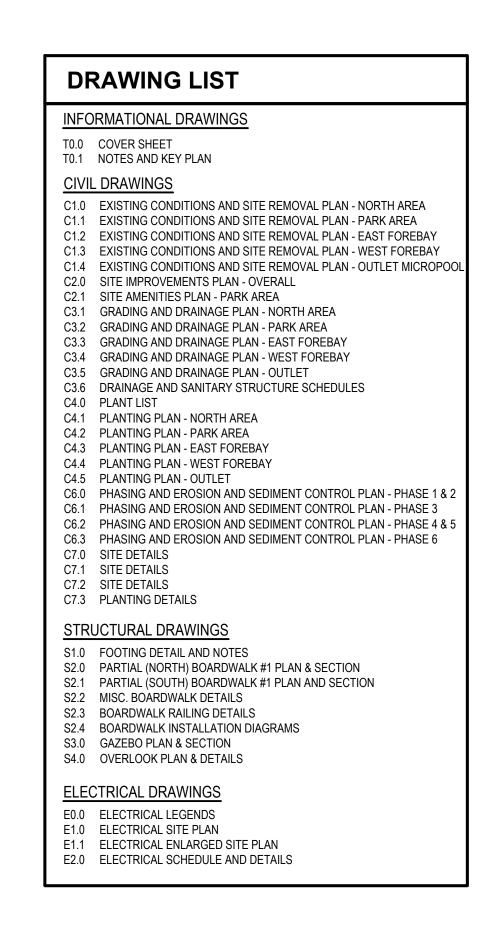
SUPERVISOR
GEORGE HOEHMANN

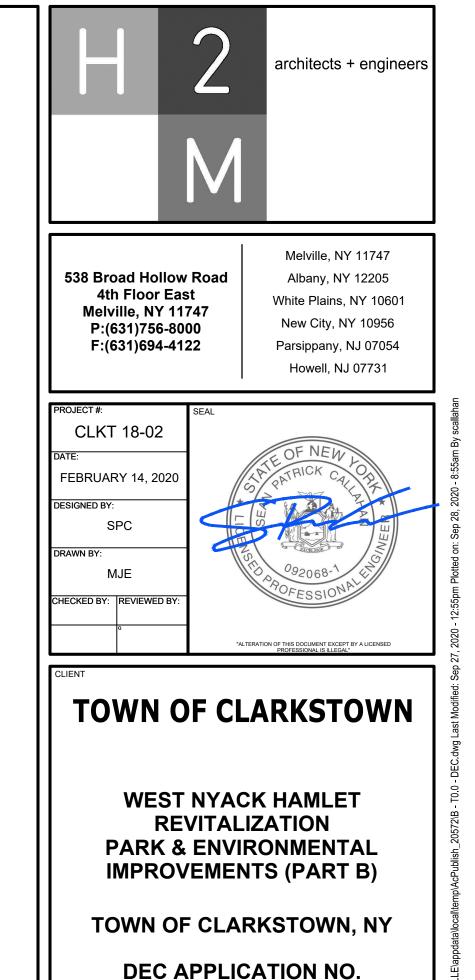
### COUNCIL

FRANK BORELLI PETER BRADLEY DONALD FRANCHINO PATRICK CARROLL

### DIRECTOR OF DEPARTMENT OF ENGINEERING AND FACILITIES MANAGEMENT

DENNIS M. LETSON, P.E





T0.0

3-3920-00669/00002

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03/29/2021 USACE File No. NAN-2020-00541-WRY **UTILITY NOTES LEGEND** SITE REMOVAL LEGEND architects + engineers SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVELS OF SERVICE (ACCURACY) DRAINAGE MANHOLE ALL MARKOUT IS QUALITY LEVEL "B" UNLESS OTHERWISE NOTED CURB INLET REMOVE AND DISPOSE QL-A = QUALITY LEVEL A (TEST HOLES) CATCH BASIN EXISTING TREE DATA TYPICALLY ACQUIRED AT ONE POINT ON AN UNDERGROUND UTILITY FEATURE EXPOSED BY AIR VACUUN EXCAVATION OR OTHER MEANS. THE HORIZONTAL AND VERTICAL LOCATION OF THIS REFERENCE POINT IS ACQUIRED INLET AND REPORTED TO ACCEPTABLE SURVEY TOLERANCES. THE ACQUIRED DATA FULFILLS SECTION 5.4.5 ON PAGE 6 OF INLET LIMIT OF CLEARING / INSTALL TREE PROTECTION FENCE WELL HYDRANT DEPICTION OF AN UNDERGROUND UTILITY LINE ESTABLISHED BY SENSING THE LOCATION WITH ELECTRONIC REMOVE AND DISPOSE \_\_\_\_ INSTRUMENTATION. LINEWORK AND UTILITY SURFACE FEATURES ARE ACQUIRED BY SURVEYING POINTS ALONG OF EXISTING CURB WATER MANHOLE ALIGNMENT TO ACCEPTABLE SURVEY TOLERANCES. Melville, NY 11747 WATER METER SAWCUT PAVEMENT LINE 538 Broad Hollow Road QL-C = QUALITY LEVEL C (RECORDS PLOTTING)
UTILITY INFORMATION OBTAINED FROM RECORD INFORMATION AND PLOTTED TO CORRELATE WITH SURFACE UTILITY Albany, NY 12205 WATER VALVE 4th Floor East White Plains, NY 11601 FEATURES WHICH HAVE BEEN SURVEY LOCATED AND ACCURATELY REDUCED ON TO DESIGN/CONSTRUCTION Melville, NY 11747 REMOVE AND DISPOSE EXISTING SANITARY MANHOLE New City, NY 10956 ASPHALT PAVEMENT AND BASE P:(631)756-8000 CLEAN OUT F:(631)694-4122 Parsippany, NJ 07054 QL-D = QUALITY LEVEL D (RECORDS DRAFTING)
DEPICTION OF UNDERGROUND UTILITY LINES BY TRANSPOSITION FROM UTILITY RECORDS OR PLACED FROM VERBAL ELECTRIC MANHOLE REMOVE AND DISPOSE EXISTING Howell, NJ 07731 RECOLLECTIONS WITHOUT BENEFIT OF SURVEYED SURFACE FEATURES. ACCURACY OF INFORMATION IS QUESTIONABLE CONCRETE SIDEWALK ELECTRIC METER ELECTRIC BOX SALVAGE PAVERS FOR RE-USE END OF INFORMATION PERTAINS TO THE LOSS OF SIGNAL THAT HAS BEEN APPLIED TO AN UNDERGROUND UTILITY AND LIGHT THEN DETECTED TO ELECTRONICALLY LOCATE THE UTILITY. COMMONLY FOUND WHERE UTILITIES CHANGE TO **NORTH AREA** NON-CONDUCTIVE MATERIALS, ARE CUT OR AT END OF UTILITY. TRAFFIC CONTROL BOX REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE C1.0, C3.1, & C4.1 UTILITY POLE **GUY WIRE** REMOVE AND DISPOSE OF **EXISTING DRAINAGE INLET** LAND NOW OR FORMERLY OF **GUY POLE** FORMERLY OF HOLY JERUSALEM ENTERPRISES, LLC. WESTNYACK TELEPHONE MANHOLE CONSTRÙĆTION CORP SATELLITE DISH REMOVE AND DISPOSE OF DATE DESCRIPTION GAS VALVE NO DEED OR SURVEY FOUND EXISTING DRAINAGE LINE LAND NOW OR FORMERLY OF MONITOR WELL REMOVE AND DISPOSE OF ——E—— ROADWAY AREA WORK TO BE COMPLETED UNDER IRRIGATION CONTROL BOX **EXISTING ELECTRICAL LINE** SPRINKLER HEAD SEPARATE TOWN CONTRACT: PART A - ROADWORK SIGN JOHNSON HILLTOP REA SPOT ELEVATION REMOVE AND DISPOSE OF MANHOLE EXISTING LIGHT POLE BOLLARD UTILITY POLES TO WETLAND MARKER မှ BE RELOCATED BY OTHERS **EVERGREEN TREE** YABOO FENCE Co. INC LAND NOW OR FORMERLY OF TOWN OF CLARKSTOWN **EVERGREEN SHRUB** LAND NOW OR FORMERLY OF TOWN OF CLARKSTOWN Drainage Easement to Town of Clarkstown (L 751 P 2023) — DECIDUOUS TREE <sup>₩</sup>65.05-2-21 <sup>₩</sup> Drainage Easement to 09/28/2020 DEC RESUBMISSION DECIDUOUS SHRUB County of Rockland 02/14/2020 DEC RESUBMISSION (L 738 P 773) === DROP CURB DRAINAGE EASEMENT CLKT 1802 **EAST FOREBAY** -----D------ STORM DRAIN 06/10/2019 -----L ROOF LEADER C1.1, C2.1, C3.2, & C4.2 **C1.2, C3.3, & C4.3** LAND NOW OR FORMERLY OF VILLAGE SQUARE PROPERTIES LLC ———— WATER MAIN ----- WS ----- WATER SERVICE ----- HC ------ HOUSE CONNECTION ——s—— SANITARY SEWER **EXISTING CONDITIONS NOTES** ———G—— UNDERGROUND GAS MRM 1. EXISTING SURVEY PREPARED BY H2M ARCHITECTS + ENGINEERS. —— T—— UNDERGROUND TELEPHONE 2. ELEVATIONS REFER TO N.A.V.D. 1988. ----- OH ----- OVERHEAD WIRES **Town of Clarkstown** 3. THE LOCATIONS OF UNDERGROUND STRUCTURES AND UTILITIES SHOWN HEREON ARE BASED ON ABOVEGROUND ——×—— FENCE FEATURES AND/OR RECORD DRAWINGS AND MARKOUT PROVIDED BY ACCUMARK SUBSURFACE UTILITY SERVICES - - 65 - CONTOUR ON JULY 22, 2013. LOCATIONS OF UNDERGROUND STRUCTURES AND UTILITIES MAY VARY FROM LOCATIONS SHOWN TC 66.00 BC HEREON. ADDITIONAL BURIED STRUCTURES AND UTILITIES MAY BE ENCOUNTERED. West Nyack Hamlet Revitalization TOP/BOT CURB GRADE Park & Environmental HANDICAP PARKING STALL Improvements (Part B) ASPHALT PAVEMENT **SITE REMOVAL NOTES:** Town of Clarkstown, Rockland County, NY CONCRETE PAVEMENT 1. REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY. SIDEWALK PAVERS 2. UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES STREAM ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXISTING UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED. WETLANDS 3. AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH. **\* OUTLET MICROPOOL WEST FOREBAY** 4. NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS. C1.3, C3.4, & C4.4 C1.4, C3.5, & C4.5 5. REPAIR ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER. 6. REPAIR ANY DAMAGE TO EXISTING SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM 48,219.93 Sq/Ft. CONTRACTOR OPERATIONS AT NO COST TO OWNER. 1.11 Acres **DEC APPLICATION NO.** 7. LOCATE ALL COMPONENTS OF ANY EXISTING IRRIGATION SYSTEMS PRIOR TO CONSTRUCTION AND 3-3920-00669/00002 PROTECT THROUGHOUT THE DURATION OF THE CONTRACT. REPAIR ALL DAMAGED COMPONENTS [AT NO ADDITIONAL COST TO THE OWNER. 8. SAWCUT CONCRETE PAVEMENT BACK TO NEAREST EXPANSION/CONTROL JOINT. **CONTRACT G** 9. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS. **GENERAL CONSTRUCTION** 10. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO ANY GROUND DISTURBANCE. 11. DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK. 12. NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED **NYS DEC PERMIT SET** HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE. 13. TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER. 14. BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXISTING SITE FEATURES. BACKFILL TO BE SOIL, GRAPHIC SCALE **NOTES AND KEY PLAN** FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.

1 inch = 50 ft.

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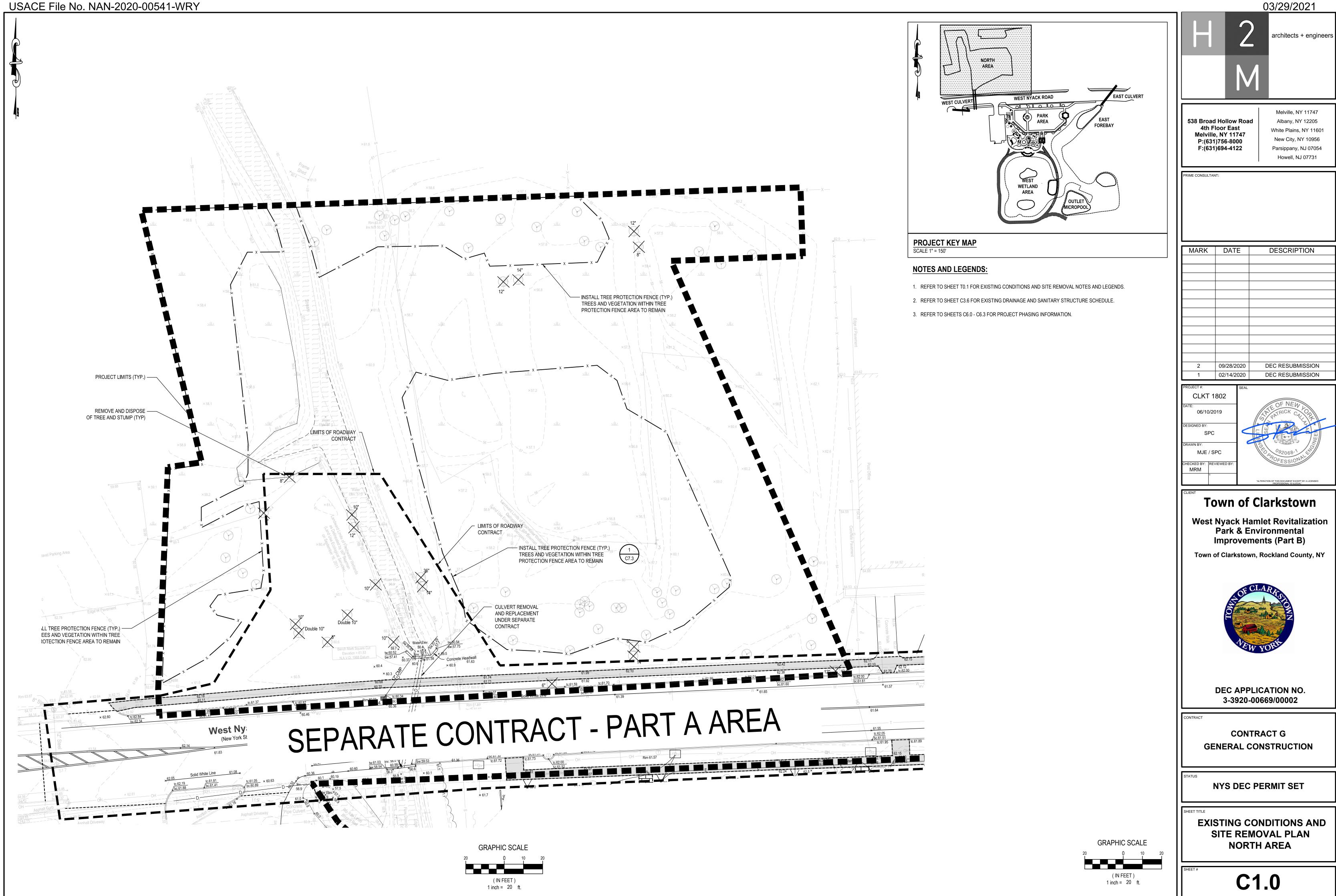
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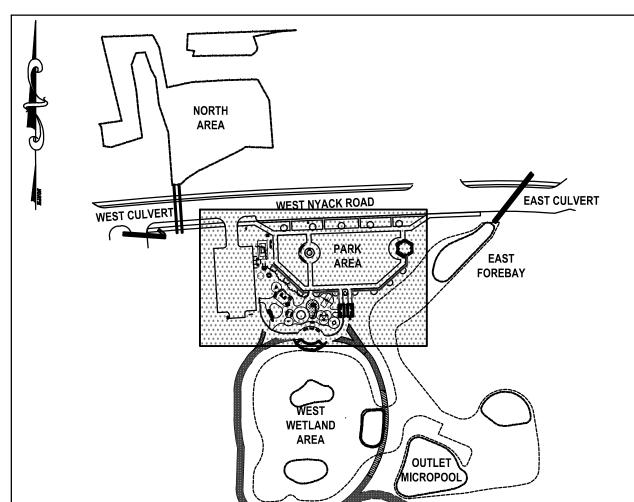
15. REFER TO WEST NYACK ROAD PLAN AND PROFILES SHEET FOR SITE REMOVAL INFORMATION WITHIN WEST

16. REFER TO EAST AND WEST CULVERT REPLACEMENT PLAN AND PROFILES SHEET FOR SITE REMOVAL

NYACK ROAD.

INFORMATION FOR THE EAST AND WEST CULVERTS.





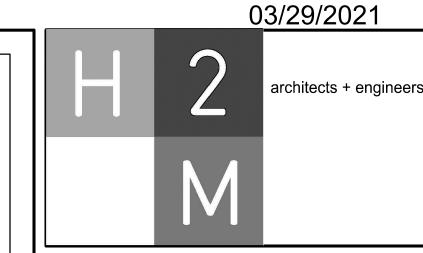
PROJECT KEY MAP

### **NOTES AND LEGENDS:**

- 1. REFER TO SHEET T0.1 FOR EXISTING CONDITIONS AND SITE REMOVAL NOTES AND LEGENDS.
- 2. REFER TO SHEET C3.6 FOR EXISTING DRAINAGE AND SANITARY STRUCTURE SCHEDULE.
- 3. REFER TO SHEETS C6.0 C6.3 FOR PROJECT PHASING INFORMATION.

### PARK EQUIPMENT REMOVAL NOTES:

- 1. SALVAGE EXISTING STEEL-FRAME PARK GAZEBO STRUCTURE IN ITS ENTIRETY AND RELOCATE TO NEW FOUNDATION LOCATION AS INDICATED ON DIMENSIONAL SITE PLAN DRAWINGS.
- 2. REMOVE AND DISPOSE OF EXISTING METAL HANDRAILS, CEILING-MOUNTED LIGHT FIXTURE AND ASSOCIATED ELECTRICAL CONDUIT AND WIRING ON GAZEBO STRUCTURE.
- 3. SALVAGE AND TURN OVER PARK BENCHES TO TOWN OF CLARKSTOWN FOR REFURBISHMENT IMMEDIATELY UPON REMOVAL, (TYP FOR 17) REINSTALL REFURBISHED BENCHES TO LOCATIONS AS INDICATED ON DIMENSIONAL SITE PLAN DRAWINGS.
- 4. SALVAGE AND TEMPORARILY STORE CONCRETE WALKWAY PAVERS IN A PROTECTED AREA AND RE-INSTALL AT NEW LOCATIONS AS INDICATED ON DIMENSIONAL SITE PLAN DRAWINGS. CONTRACTOR SHALL STORE EXISTING EDGING PAVERS, MONOGRAMMED INTERIOR PAVERS, AND BLANK INTERIOR PAVERS SEPARATELY. CONTRACTOR TO WASH PAVERS FREE OF DIRT AND DEBRIS PRIOR TO RE-INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR CONDITION.



538 Broad Hollow Road 4th Floor East Melville, NY 11747 P:(631)756-8000 F:(631)694-4122

Melville, NY 11747 Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

MARK DATE DESCRIPTION DEC RESUBMISSION 09/28/2020 02/14/2020 DEC RESUBMISSION

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	"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

## **Town of Clarkstown**

**West Nyack Hamlet Revitalization** Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



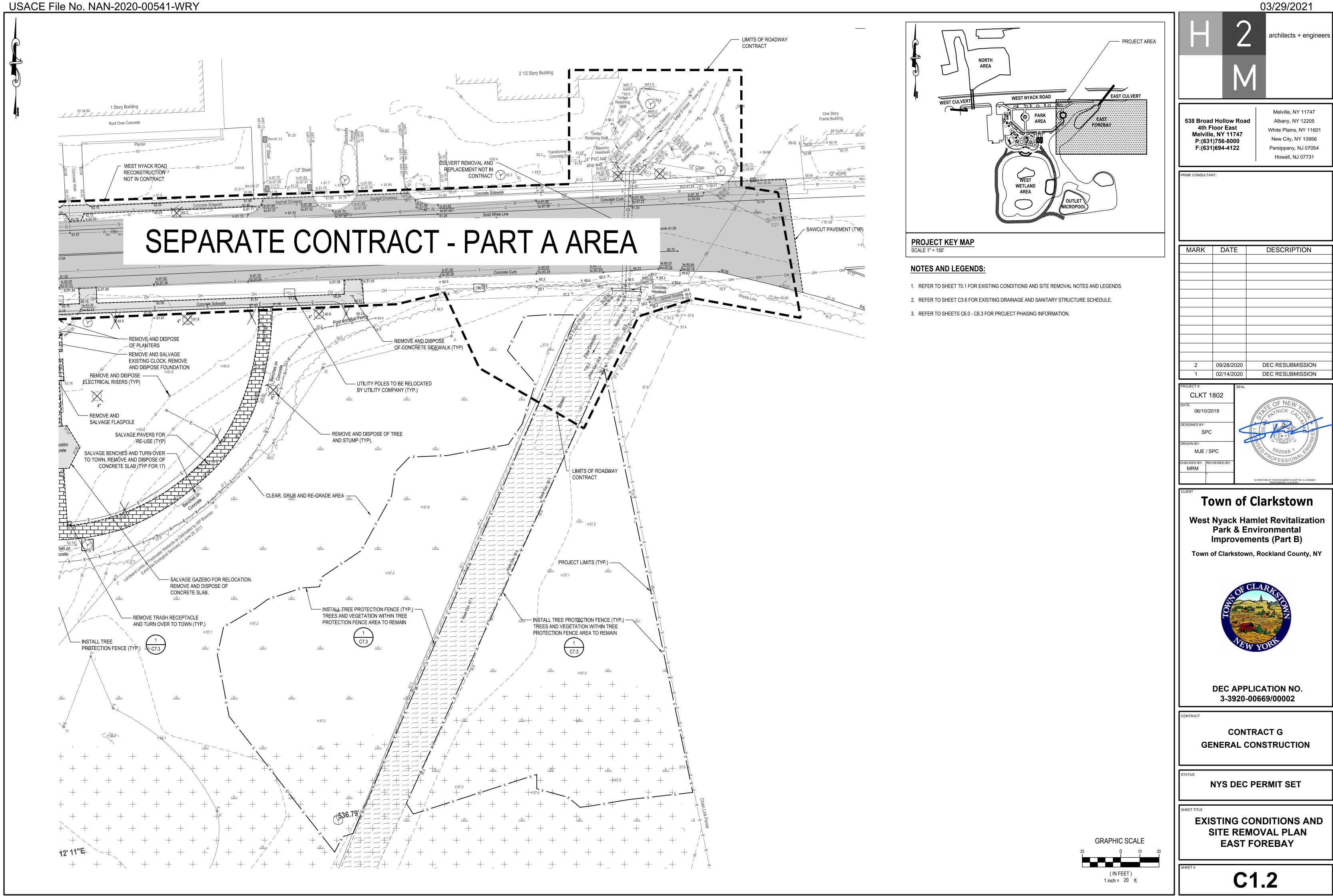
**DEC APPLICATION NO.** 3-3920-00669/00002

**CONTRACT G GENERAL CONSTRUCTION** 

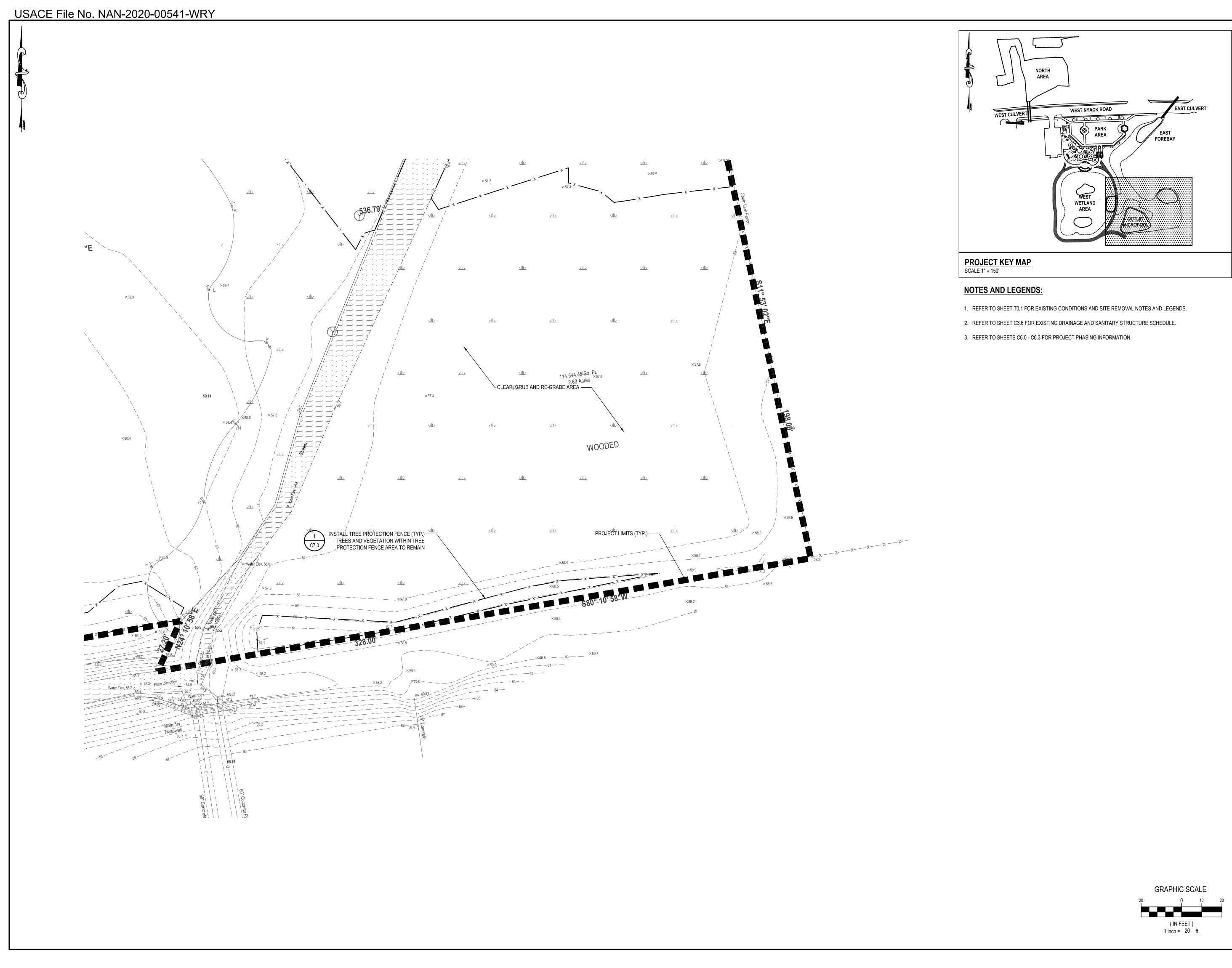
**NYS DEC PERMIT SET** 

**EXISTING CONDITIONS AND** SITE REMOVAL PLAN **PARK AREA** 

**GRAPHIC SCALE** 1 inch = 20 ft.



USACE File No. NAN-2020-00541-WRY 03/29/2021 architects + engineers REMOVE AND DISPOSE OF LIGHT POLE, BASE SALVAGE GAZEBO FOR RELOCATION. AND WIRE (TYP) REMOVE AND DISPOSE OF CONCRETE SLAB. EAST CULVERT WEST NYACK ROAD WEST CULVER Melville, NY 11747 OF POST AND RAIL - REMOVE TRASH RECEPTACLE 538 Broad Hollow Road Albany, NY 12205 AND TURN OVER TO TOWN (TYP.) 4th Floor East White Plains, NY 11601 Melville, NY 11747 ENERGIZE LIGHTING CIRCUIT. REMOVE — New City, NY 10956 P:(631)756-8000 AND DISPOSE CONDUIT AND SERVICE PROTECTION FENCE (TYP.) F:(631)694-4122 Parsippany, NJ 07054 Howell, NJ 07731 - EXPOSE EXISTING METAL ∜ SHEETING. CUT AND REMOVE TO ELEVATION 54.0 ·WETLAND: ∖ CLEAR, GRUB AND RE-GRADE AREA —— ×58.0 **PROJECT KEY MAP** SCALE 1" = 150' MARK DATE DESCRIPTION **NOTES AND LEGENDS:** 1. REFER TO SHEET T0.1 FOR EXISTING CONDITIONS AND SITE REMOVAL NOTES AND LEGENDS. 2. REFER TO SHEET C3.6 FOR EXISTING DRAINAGE AND SANITARY STRUCTURE SCHEDULE. 3. REFER TO SHEETS C6.0 - C6.3 FOR PROJECT PHASING INFORMATION. N82° 12' 11"E DEC RESUBMISSION 09/28/2020 DEC RESUBMISSION 02/14/2020 CLKT 1802 06/10/2019 \_ — — — 59— — — <sup>U</sup>— — — -- PROJECT LIMITS (TYP.) **Town of Clarkstown** West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B) Town of Clarkstown, Rockland County, NY  $^{ackslash}$  ÇLEAR, GRUB AND RE-GRADE AREA -DEC APPLICATION NO. 3-3920-00669/00002 **CONTRACT G GENERAL CONSTRUCTION NYS DEC PERMIT SET EXISTING CONDITIONS AND** SITE REMOVAL PLAN **WEST FOREBAY** 1 inch = 20 ft.



architects + engineers

538 Broad Hollow Road 4th Floor East Melville, NY 11747 P:(631)756-8000 F:(631)694-4122

Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

03/29/2021

MARK DATE DESCRIPTION

DEC RESUBMISSION 09/28/2020 02/14/2020 DEC RESUBMISSION

CLKT 1802 06/10/2019

# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



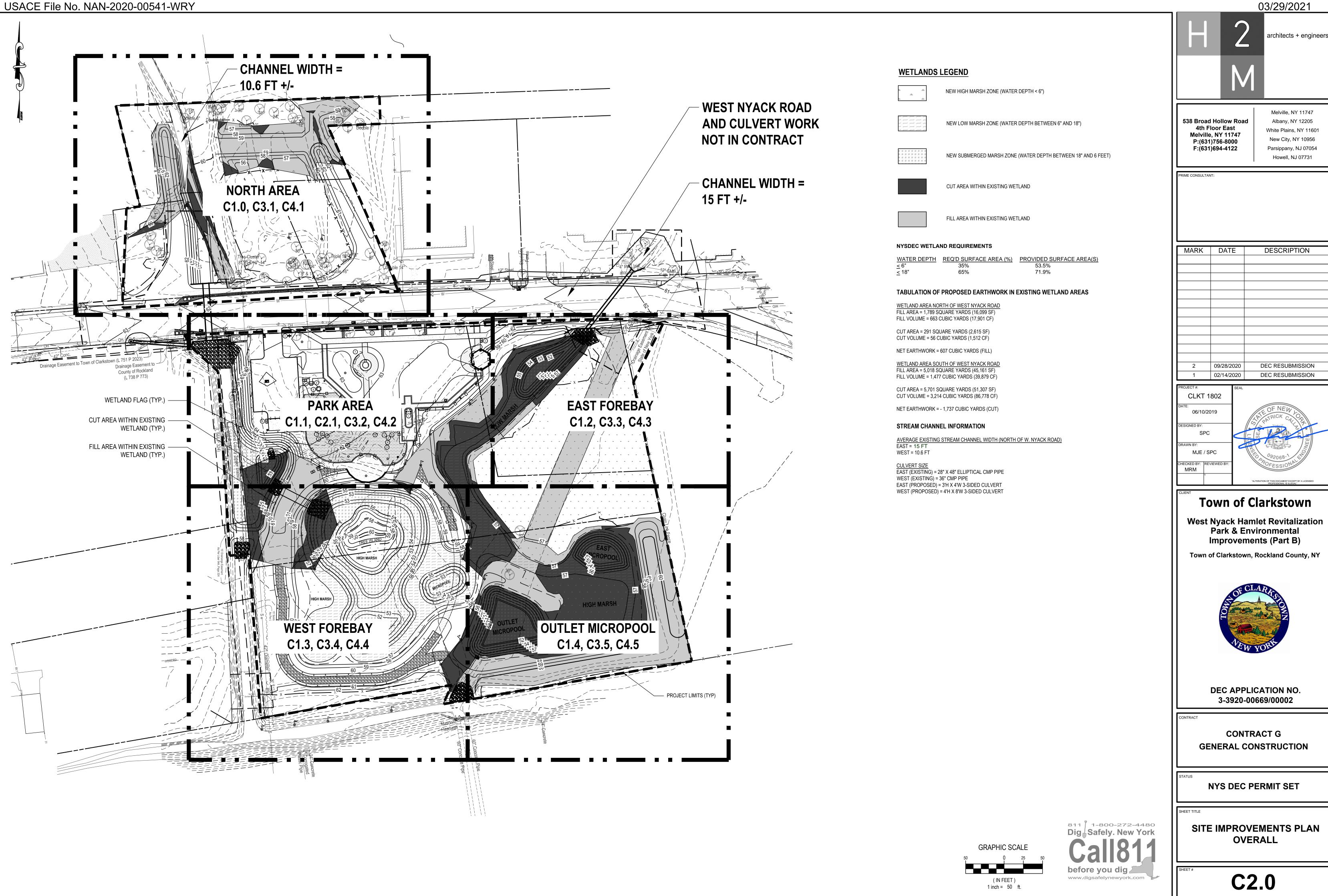
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**CONTRACT G GENERAL CONSTRUCTION** 

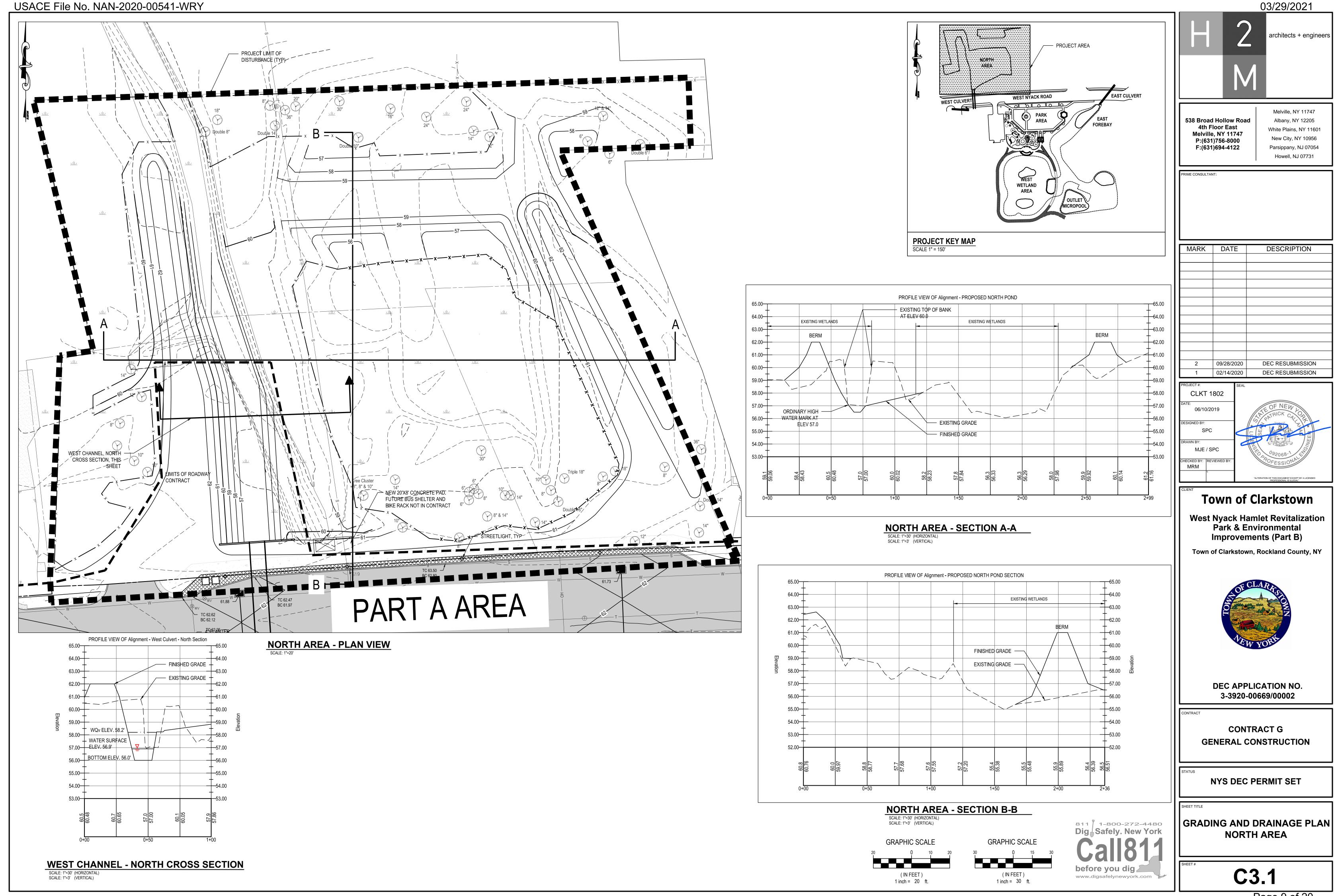
**NYS DEC PERMIT SET** 

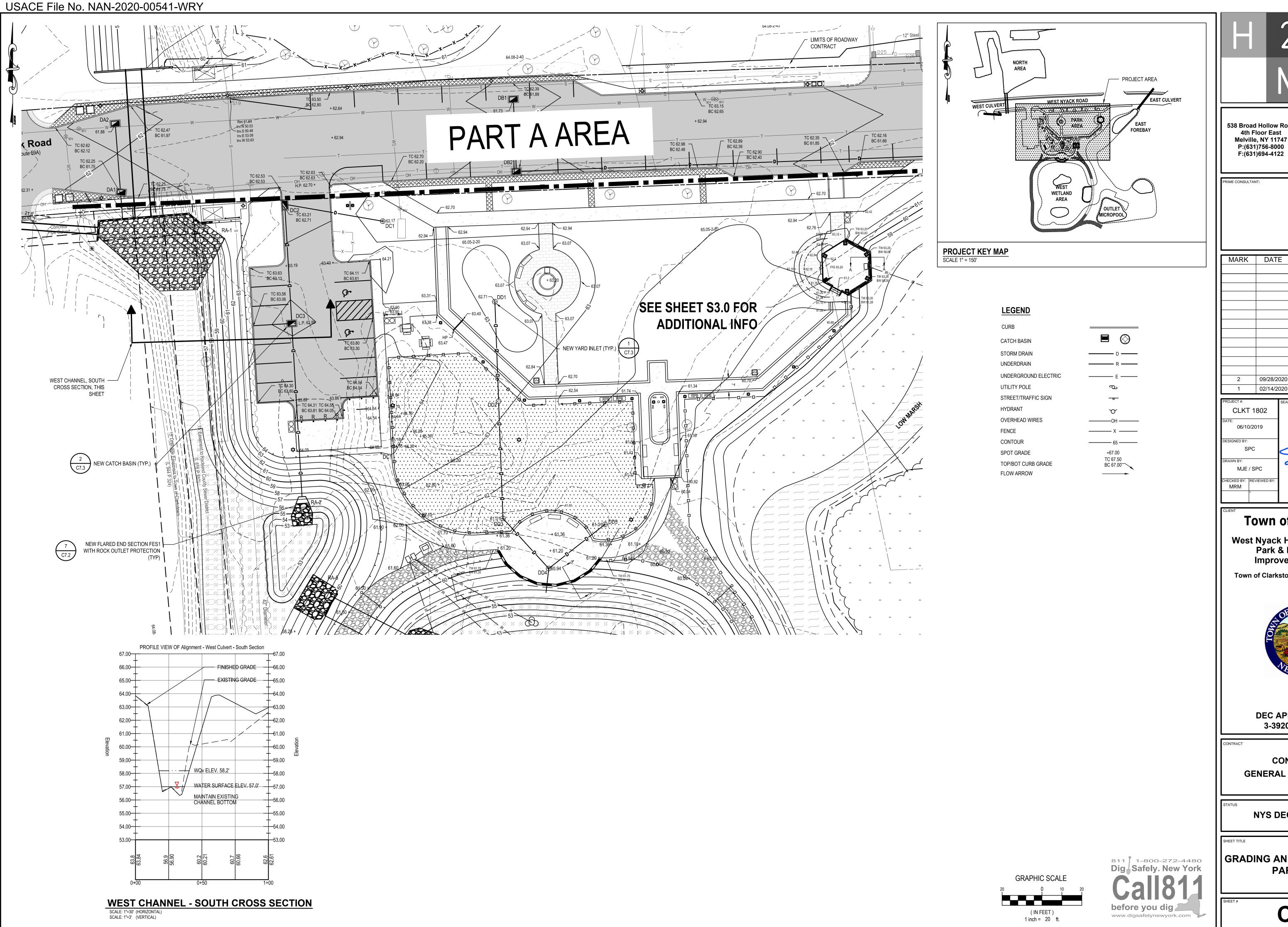
**EXISTING CONDITIONS AND** SITE REMOVAL PLAN **OUTLET MICROPOOL** 

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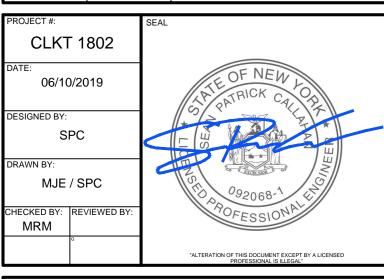
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Melville, NY 11747

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# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY

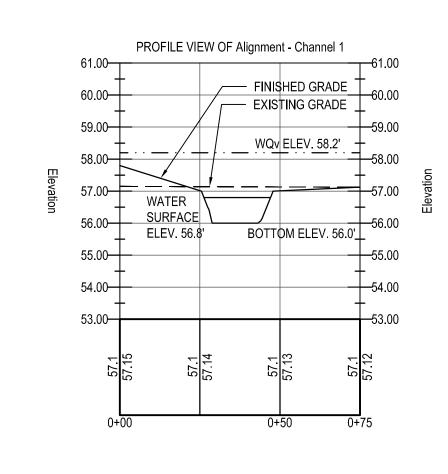


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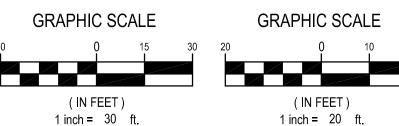
**CONTRACT G GENERAL CONSTRUCTION** 

**NYS DEC PERMIT SET** 

GRADING AND DRAINAGE PLAN **PARK AREA** 



**EAST CHANNEL - CROSS SECTION 1** SCALE: 1"=30' (HORIZONTAL) SCALE: 1"=3' (VERTICAL)





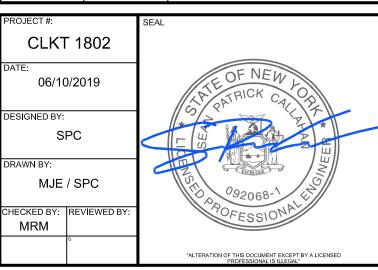
03/29/2021 architects + engineers

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Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

DESCRIPTION DATE DEC RESUBMISSION 09/28/2020



DEC RESUBMISSION

# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



**DEC APPLICATION NO.** 3-3920-00669/00002

**CONTRACT G GENERAL CONSTRUCTION** 

**NYS DEC PERMIT SET** 

GRADING AND DRAINAGE PLAN **EAST FOREBAY** 



WQv ELEV. 58.2'

57.00 WATER SURFACE ELEV. 56.8

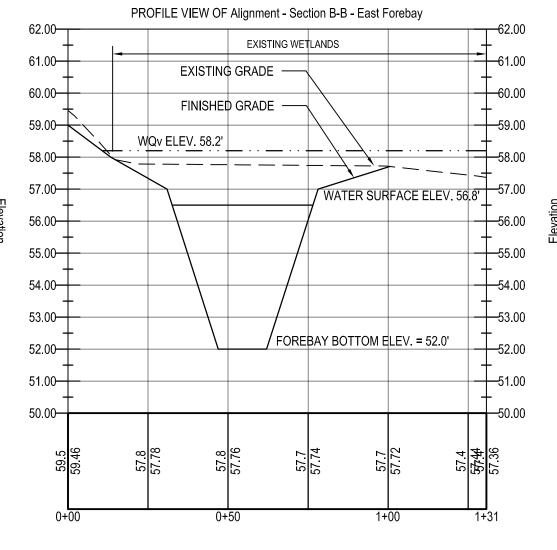
EXISTING GRADE —

FINISHED GRADE -

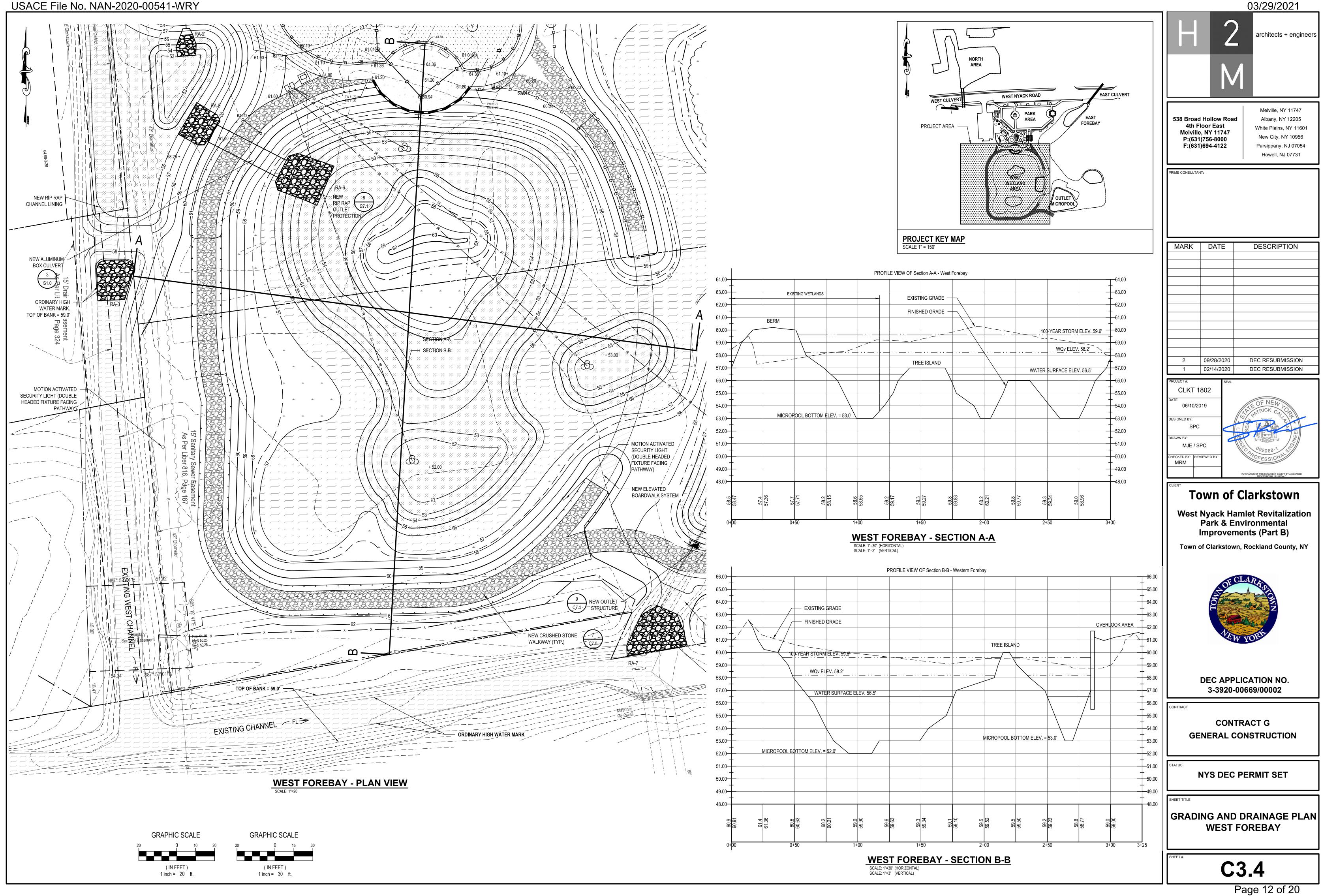
FOREBAY BOTTOM ELEV. = 52.0'

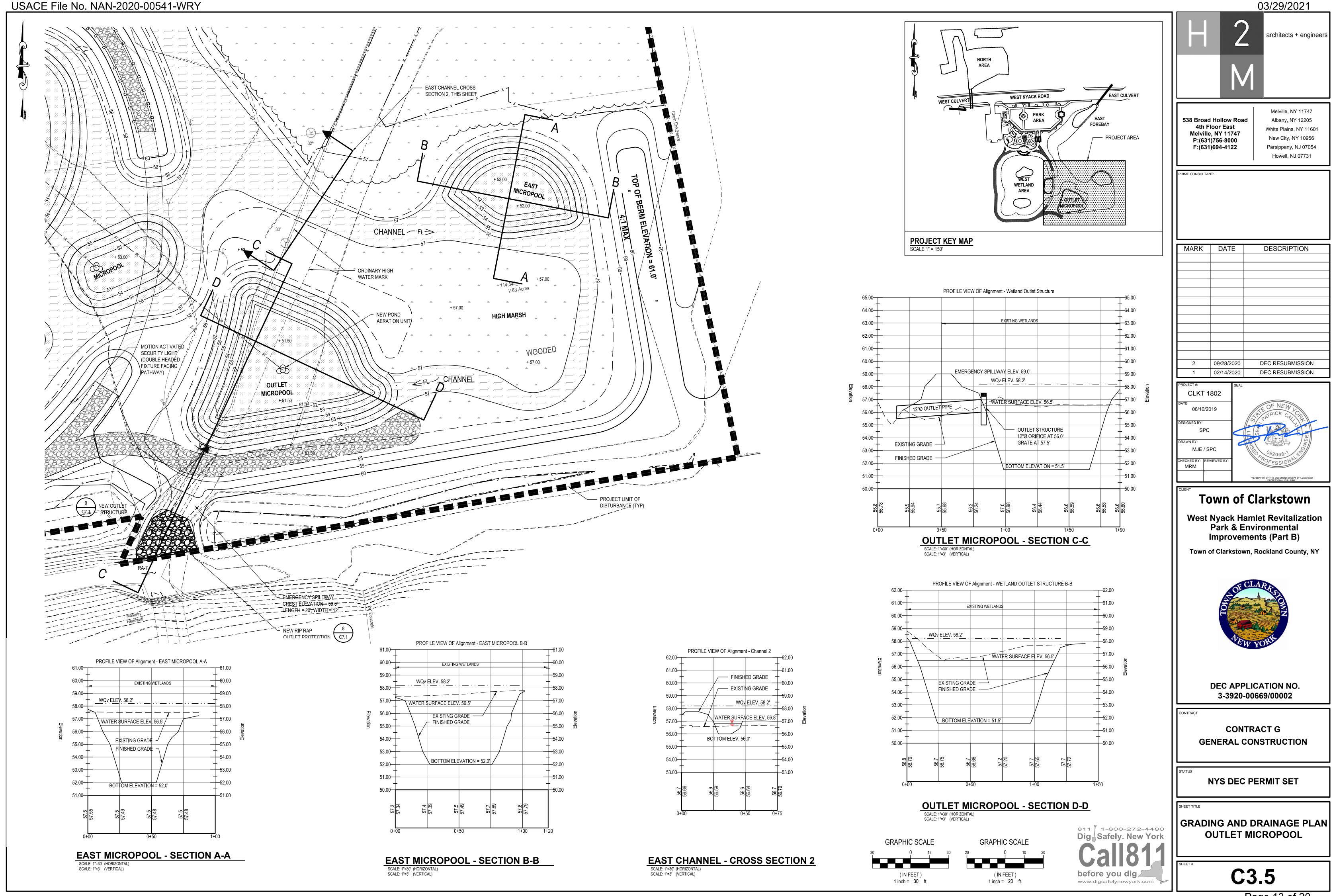
**EAST FOREBAY - SECTION A-A** 

SCALE: 1"=30' (HORIZONTAL) SCALE: 1"=3' (VERTICAL)



**EAST FOREBAY - SECTION B-B** SCALE: 1"=30' (HORIZONTAL) SCALE: 1"=3' (VERTICAL)

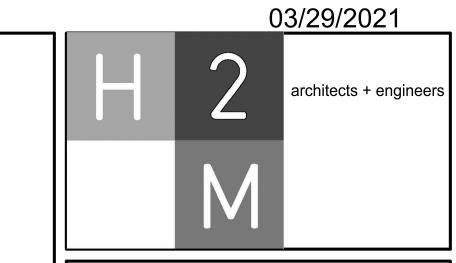




USACE File No. NAN-2020-00541-WRY

TREES					
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
1	Cf	Cornus florida	Flowering Dogwood	2" cal. B&B	select at nursery
1	Cj	Cercidiphyllum japonicum	Katsura Tree	2" cal. B&B	select at nursery
1	GbA	Ginkgo biloba 'Autumn Gold'	Maidenhair Tree	2" cal. B&B	select at nursery
2	Lt -	Liriodendron tulipifera	Tulip Tree	3" cal. B&B	select at nursery
<u> </u>	MaE	Magnolia acuminata 'Elizabeth'	Magnolia	2" cal. B&B	select at nursery
1 1 1 1 1 1	Pxa	Platanus x acerifolia	London Plane Tree	3" cal. B&B	select at nursery
14 SPECIA	Ck	Cladrastis kentuckea ERGREENS	Yellowwood	2.5" cal. B&B	select at nursery
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
3	SgP	Sequoia gigantea 'Pendula'	Weeping Giant Sequoia	7' tall	select at nursery
7	JcR	Juniperus chinensis 'Robusta Green'	Corkscrew Topiary	5 gal cont.	select at nursery
SHRUB		Jumperus Ciinensis Trobusta Green	COIRSCIEW Topialy	o gar cont.	selectathdisely
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
5	CdEA	Callicarpa dichotoma 'Early Amethyst'	Purple Beautyberry	3 gal cont.	1.10.120
1	CaC	Corylus avellana 'Contorta'	Contorted Filbert	5 gal cont.	
2	Cc	Cotinus coggygria 'Royal Rurple'	Smokebush	5 gal cont.	
44	lgS	llex glabra 'Shamrock'	Shamrock Holly	3 gal cont.	
14	ImB	llex x meserveae 'Blue Girl/Boy'	Holly	3 gal cont.	
42	HqP	Hydrangea quercifolia 'Pee Wee'	Dwarf Oakleaf Hydrangea	3 gal cont.	
17	RPD	Rosa 'Pink Double Knock Out'	Knockout Rose	3 gal cont.	
PEREN	NIALS		•	,	
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
18	Acv	Adiantum capillus-veneris	Maidenhair Fern	2 gal cont.	
47	AmT	Alchemilla mollis 'Thriller'	Lady's Mantle	2 gal cont.	
26	Ah	Amsonia hubrichtii	Bluestar	2 gal cont	
87	AjPB	Astilbe x japonica 'Peach Blossom'	Astilbe	2 gal cont.	
114	AnB	Athyrium niponicum 'Burgundy Lace'	Japanese Painted Fern	2 gal cont.	
28	CaKF	Calamagrostis x acutiflora 'Karl Forester'	Feathered Reed Grass	2 gal cont.	
170	DgF	Dianthus gratianopolitanus 'Firewitch'	Pinks	2 gal cont.	
24	EpGJ	Echinacea 'Green Jewel'	Coneflower	2 gal cont.	
20	EpDD	Echinacea p. 'Double Decker'	Coneflower	2 gal cont.	
102	EpP	Echinacea purpurea 'PowWowWild Berry'	Coneflower	2 gal cont.	
26	ЕрВ	Eryngium planum 'Blue Hobbit'	Dwarf Sea Holly	2 gal cont.	
65	GmE	Geranium maculatum 'Espresso'	Hardy Geranium	2 gal cont.	
23	GxR	Geranium x 'Rozanne'	Hardy Geranium	2 gal cont.	
43	HmA	Hakonechloa macra 'All Gold'	Japanese Forest Grass	2 gal cont.	
15	Hs	Helichtotrichon sempervirens	Blue Oat Grass	2 gal cont.	
950	Hg	Herniaria glabra	Rupturewort	plugs	19 flats of 50, 8" O.C.
106	НО	Heuchera 'Obsidian'	Coral Bells	2 gal cont.	
2	HmM	Hibiscus moscheutos 'Midnight Marvel'	Rose of Sharon	3 gal cont.	
4	Ls	Lonicera sempervirens	Coral sempervirens	3 gal cont.	climbing vine
20	MdJ	Monarda didyma 'Jacob Cline'	Lemon Beebalm	2 gal cont.	
96	OpN	Ohiopogon planiscapus 'Nigrescens'	Black Mondo Grass	2 gal cont.	
45	PaL	Perovskia atriplicifolia 'Little Spire'	Dwarf Russian Sage	2 gal cont.	
69	RfE	Rudbeckia fulgida 'Early Bird Gold'	Black Eyed Susan	2 gal cont.	10 864450 408 0 0
530 BULBS	ТрС	Thymus praecox 'Coccineus'	Creeping Thyme	plugs	10 flats of 50, 10" O.C
NO.	KEY	BOTANICAL NAME	TOMMON NAME	SIZE	NOTES
NO.		Low-growing allium mixture - Van Engelen	Ornamental Onion		INOTES
1000	1	Allium aflatunense	Ornamental Onion	12 cm	
500		Allium cristophii	Ornamental Onion	12 cm	
1000		Allium azureum	Ornamental Onion	4 cm	
500		Allium cernuum	Ornamental Onion	5 cm	
1000		Allium schubertii	Ornamental Onion	14 cm	
500		Allium 'Hair'	Ornamental Onion	5 cm	
1000		Allium karataviense	Ornamental Onion	12 cm	
1000		Allium sphaerocephalon	Ornamental Onion	6 cm	
	IG PLAN	TS TO BE RELOCATED		1	
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
42	xLm	Liriope muscari (existing)	Liriope	existing	<del>-</del>
	xMs	Miscanthus sinensis	Chinese Silvergrass	existing	
16	IXIVIS				

	_	YDROLOGIC ZONES 1+2 - PLA		(19,500 SF)	\
NO.	%	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
488	10	Acorus americanum	American Sweetflag	2" plugs	shallower
488	10	Caltha palustris	Marsh Marigold	2" plugs	shallower
488	10	lris versicolor	Blue Flag Iris	2" plugs	shallower
488	10	Leersia oryzoides	Rice Cut Grass	2" plugs	shallower
488	10	Nupharluteum	Spatterdock	2" plugs	deeper
488	10	Nymphaea odorata	American Waterlily	2" plugs	deeper
488	10	Peltandra virginica	Green Arrow Arum	2" plugs	deeper
488	10	Pontederia cordata	Pickerelweed	2" plugs	shallower
488	10	Saggitaria latifolia	Duck Potato	2" plugs	deeper
488	10	Saururus cernuus	Lizard's Tail	2" plugs	shallower
ZON	E B PE	RENNIALS			
30	AcV	Acorus calamus 'Variegatus'	Sweet Flag	2 gal cont.	in clumps per plans
70	Ai	Asclepias incarnata	Swamp Milkweed	2 gal cont.	in clumps per plans
20	CeA	Carex stricta 'Bowles'	Golden Tussock Sedge	2 gal cont.	in clumps per plans
25	Cg	Chelone glabra	Turtlehead	2 gal cont.	in clumps per plans
20	Ep	Eupatorium perfoliatum	Boneset	2 gal cont.	in clumps per plans
20	ls	Iris sibirica	Siberian Iris	2 gal cont.	in clumps per plans
30	Lc	Lobelia cardinalis	Cardinal Flower	2 gal cont.	in clumps per plans
20	Los	Lobelia siphilitica	Great Blue Lobelia	2 gal cont.	in clumps per plans
35	Ls	Liatris spicata	Blazing Star	2 gal cont.	in clumps per plans
20	Sna	Symphyotrichum novae-angliae	New England Aster	2 gal cont.	in clumps per plans
		HRUBS AND PERENNIALS SP.	<u> </u>	<u> - 3</u>	In Transport Process
NO.	<u> </u>	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
	3 10	Cephalanthus occidentalis	Buttonbush	3 gal cont.	140120
	3 10	Clethra alnifolia	Summersweet	3 gal cont.	
	3 10	Hibisscus mosheutos	Rose Mallow	3 gal cont.	
	3 10	Lindera benzoin	Spicebush		
	3 10		1	3 gal cont.	
		Osmunda regalis	Royal Fern	3 gal cont.	
	3 10	Panicum virgatum	Switchgrass	3 gal cont.	
	10	Rhododendron viscosum	Swamp Azalea	3 gal cont.	
	3 10	Rosa palustris	Swamp Rose	3 gal cont.	
	3 10	Spiraea alba	Meadowsweet	3 gal cont.	
	3 10	Viburnum dentatum	Arrowwood Viburnum	3 gal cont.	
ZON	ED:W	ETLAND RESTORATION TRE	ES - SPACED 10' O.C. (3'		
NO.	%	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
224	70	Acer rubrum	Red Maple	1" cal. cont / B&B	
48	15	Betula nigra	River Birch	1" cal. cont / B&B	
48	15	Nyssa sylvatica	Black Tupelo	1" cal. cont / B&B	
ADD	ITIONA	AL PLANTINGS LOCATED THE	OUGHOUT PROJECT AF	EA	
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
TRE					
5	Bn	Betula nigra	River Birch	2" cal. B&B	
<u> </u>	Ca	Cornus alternifolia	Pagoda Dogwood	2" cal.	
<del>5</del> 5	Cc	Cercis canadensis	Eastern Redbud	2" cal.	
24	lo	llex opaca	American Holly	6' tall	
<u>-4</u> 13	JvB	Juniperus virginiana 'Burkii'	Eastern Redcedar	6' tall	
ıu	Lt			3" cal.	
		Liriodendron tulipifera	Tulip Tree		
5	Ns	Nyssa sylvatica	Black tupelo  Eastern White Pine	2" cal. B&B	
9	De	Pinus strobus	I - ASIAIN WINTA PINA	8' tall	I
9 19	Ps	i iiido otiobao	Lastem Willer life		
9 19 SHR	UBS			411 1 0 0 0	
9 19 SHR 19	UBS Ac	Amelanchier canadensis	Shadblow Serviceberry	1" cal. B&B	
9 19 SHR 19 37	UBS Ac Am	Amelanchier canadensis Aronia melanocarpa	Shadblow Serviceberry Black Chokeberry	3 gal cont.	
9 19 SHR 19 37 25	UBS Ac Am Cam	Amelanchier canadensis Aronia melanocarpa Cornus amomum	Shadblow Serviceberry Black Chokeberry Dogwood	3 gal cont. 5 gal cont.	
9 19 SHR 19 37 25 34	UBS Ac Am Cam Cla	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub	3 gal cont. 5 gal cont. 3 gal cont	
9 119 SHR 119 37 225 34	UBS Ac Am Cam Cla Iv	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry	3 gal cont. 5 gal cont. 3 gal cont 3 gal cont.	
9 19 SHR 19 37 25 34	UBS Ac Am Cam Cla	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub	3 gal cont. 5 gal cont. 3 gal cont	
9 119 SHR 119 37 225 34	UBS Ac Am Cam Cla Iv	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry	3 gal cont. 5 gal cont. 3 gal cont 3 gal cont.	
9 119 SHR 19 37 25 34 20	UBS Ac Am Cam Cla Iv Lb	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata Lindera benzoin	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry Spicebush	3 gal cont. 5 gal cont. 3 gal cont. 3 gal cont. 5 gal cont.	
9 19 SHR 19 37 25 34 20 27	UBS Ac Am Cam Cla Iv Lb RaG	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata Lindera benzoin Rhus aromatica 'Gro Low'	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry Spicebush Gro Low Fragrant Sumac Swamp Rose	3 gal cont. 5 gal cont. 3 gal cont. 3 gal cont. 5 gal cont. 5 gal cont. 3 gal cont. 3 gal cont.	
9 119 SHR 19 37 25 34 20 27 17	UBS Ac Am Cam Cla Iv Lb RaG	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata Lindera benzoin Rhus aromatica 'Gro Low' Rosa palustris Rhododendron viscosum	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry Spicebush Gro Low Fragrant Sumac	3 gal cont. 5 gal cont. 3 gal cont. 3 gal cont. 5 gal cont. 5 gal cont. 3 gal cont. 3 gal cont. 3 gal cont.	
9 19 SHR 19 37 25 34 20 27 17 20	UBS Ac Am Cam Cla Iv Lb RaG Rp Rv	Amelanchier canadensis Aronia melanocarpa Cornus amomum Clethra alnifolia Ilex verticillata Lindera benzoin Rhus aromatica 'Gro Low' Rosa palustris	Shadblow Serviceberry Black Chokeberry Dogwood Sweetshrub Winterberry Spicebush Gro Low Fragrant Sumac Swamp Rose Swamp Azalea	3 gal cont. 5 gal cont. 3 gal cont. 3 gal cont. 5 gal cont. 5 gal cont. 3 gal cont. 3 gal cont.	



538 Broad Hollow Road 4th Floor East Melville, NY 11747 P:(631)756-8000 F:(631)694-4122 Melville, NY 11747
Albany, NY 12205
White Plains, NY 11601
New City, NY 10956
Parsippany, NJ 07054
Howell, NJ 07731

PRIME CONSUL

MARK	DATE	DESCRIPTION
2	09/28/2020	DEC RESUBMISSION
1	02/14/2020	DEC RESURMISSION

	02/11/2	<u></u>	BEG REGGERINGGIGHT
OJECT #:		SEAL	
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TE: 06/10/20	)19		SO PATRICK CALLED
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# Town of Clarkstown

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



DEC APPLICATION NO. 3-3920-00669/00002

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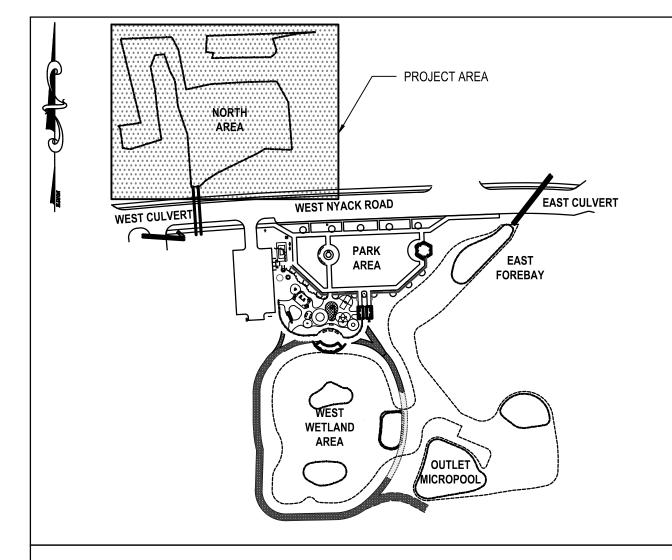
CONTRACT G
GENERAL CONSTRUCTION

STATUS

**NYS DEC PERMIT SET** 

SHEET TIT

**PLANT LIST** 





ZONE C

ZONE D

ZONE E

TREE PROTECTION FENCE LINE

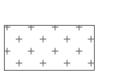
GRAPHIC SCALE

( IN FEET ) 1 inch = 20 ft.

- 2. REFER TO SHEET C7.3 FOR PLANTING DETAILS.

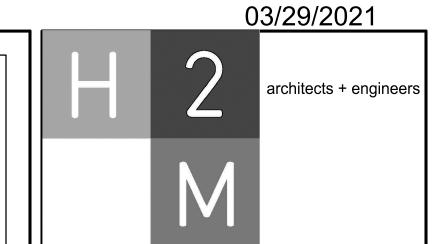
PROJECT KEY MAP





# **PLANTING NOTES:**

1. REFER TO SHEET C4.0 FOR PLANT LIST INFORMATION.



538 Broad Hollow Road 4th Floor East Melville, NY 11747 P:(631)756-8000 F:(631)694-4122

Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

DATE DESCRIPTION DEC RESUBMISSION 09/28/2020 02/14/2020 DEC RESUBMISSION

ı	02/14/2	020	DEC RESOBINISSION
PROJECT #:		SEAL	
CLKT 1	802		
DATE: 06/10/20	119		CATRICK CALLY
DESIGNED BY:			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
SPC		<b>\</b>	- 8 - 8
DRAWN BY:			
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# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



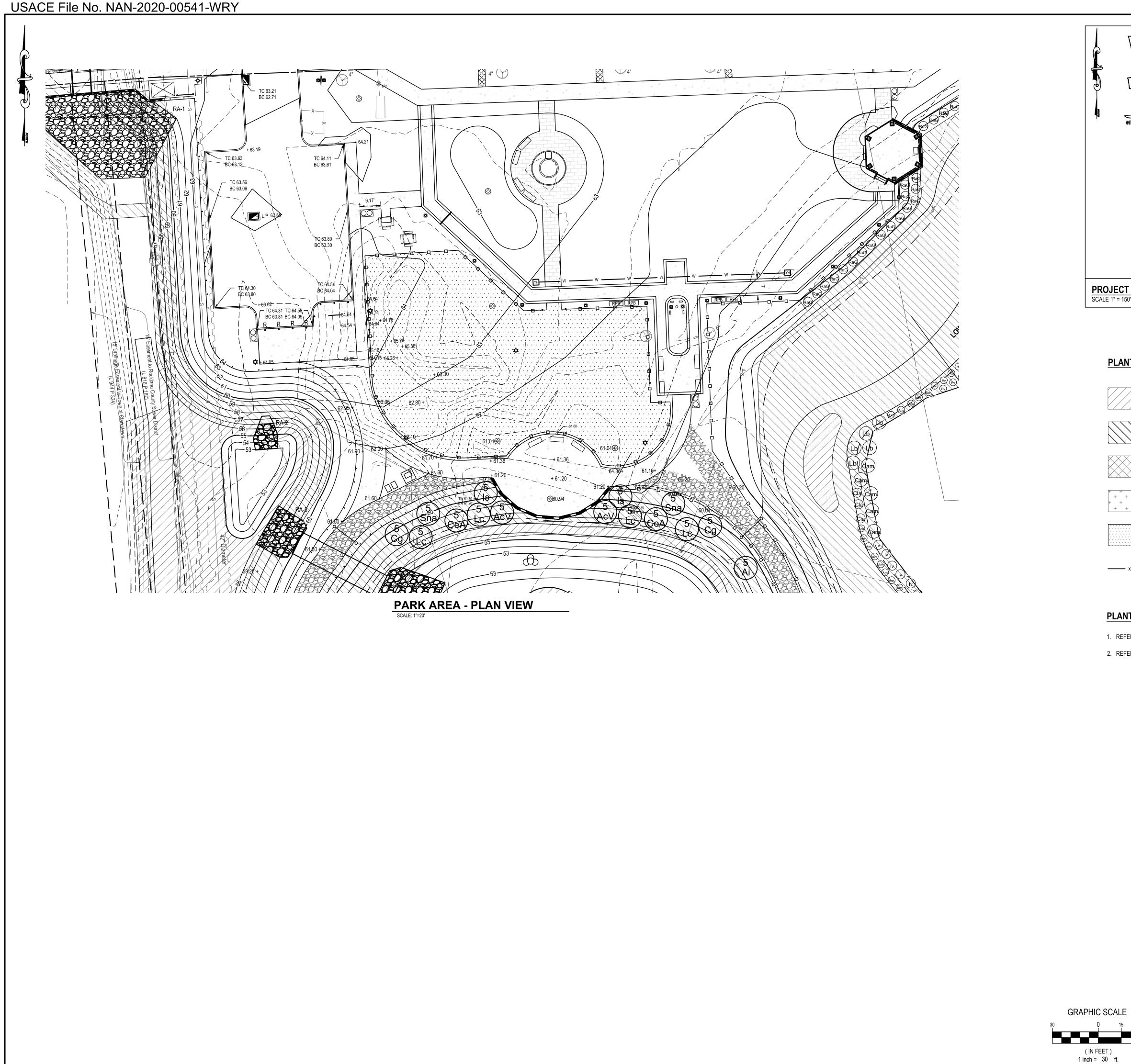
DEC APPLICATION NO. 3-3920-00669/00002

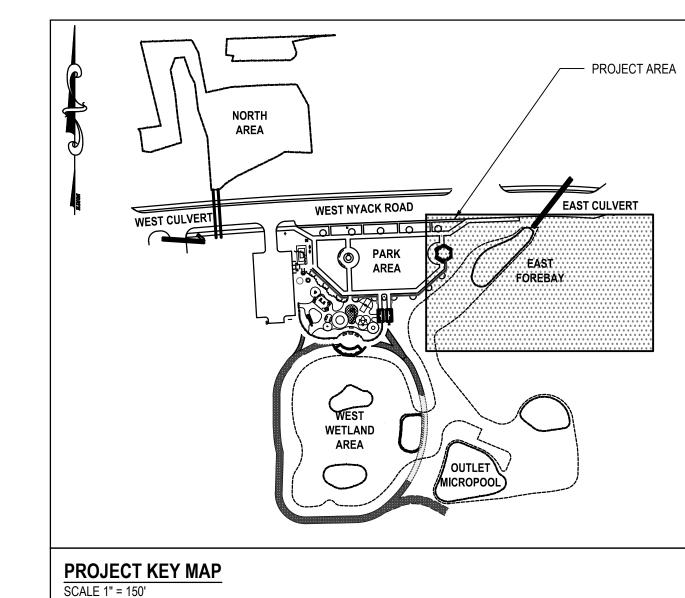
**CONTRACT G GENERAL CONSTRUCTION** 

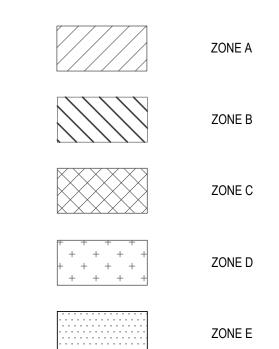
**NYS DEC PERMIT SET** 

**PLANTING PLAN NORTH AREA** 







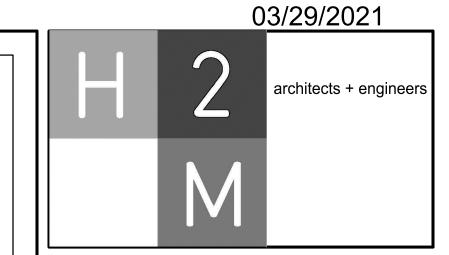


**PLANTING NOTES:** 

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TREE PROTECTION FENCE LINE

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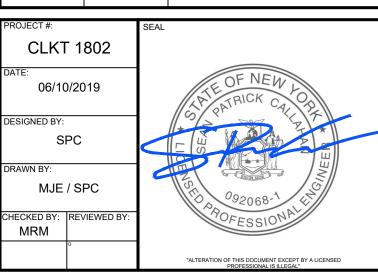
Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

IME CONSULTANT:

MARK DATE DESCRIPTION

3 7/15/2019 ADDENDUM NO. 3
2 6/26/2019 ADDENDUM NO. 2
1 6/21/2019 ADDENDUM NO. 1



# Town of Clarkstown

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



CONTRACT

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GENERAL CONSTRUCTION

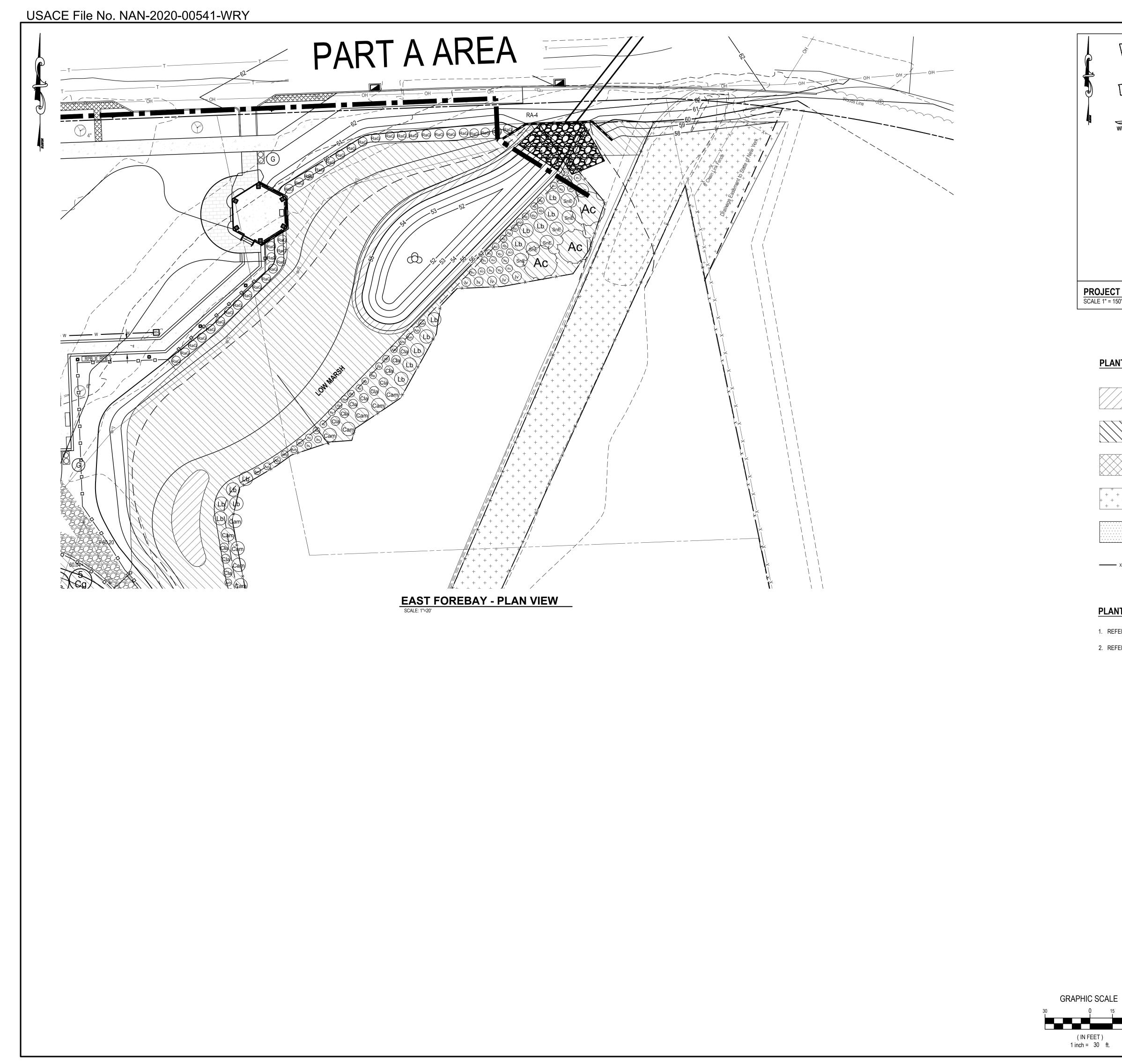
FINAL BID DOCUMENT

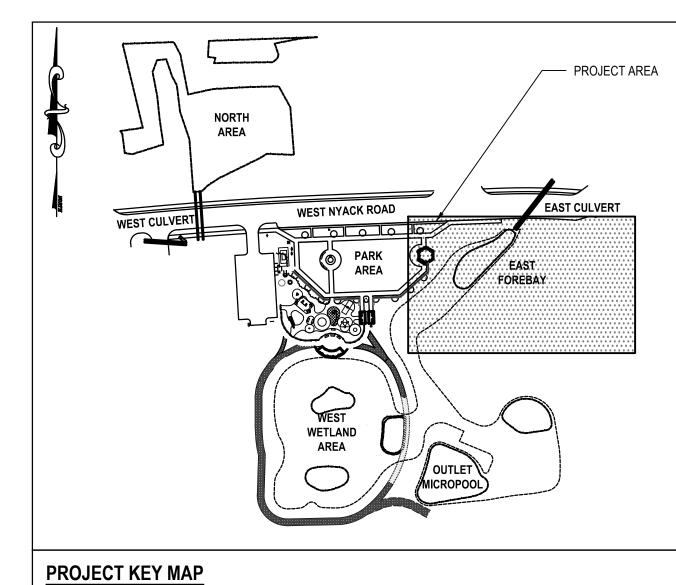
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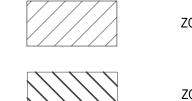
PLANTING PLAN PARK AREA

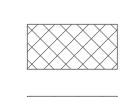
C4.2

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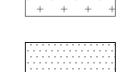






ZONE D

ZONE C



ZONE E

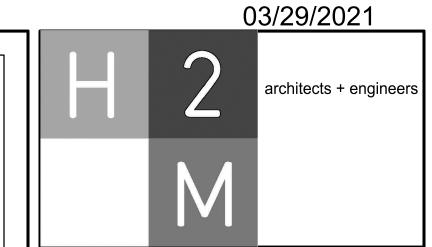
# **PLANTING NOTES:**

( IN FEET ) 1 inch = 30 ft.

1. REFER TO SHEET C4.0 FOR PLANT LIST INFORMATION.

TREE PROTECTION FENCE LINE

2. REFER TO SHEET C7.3 FOR PLANTING DETAILS.

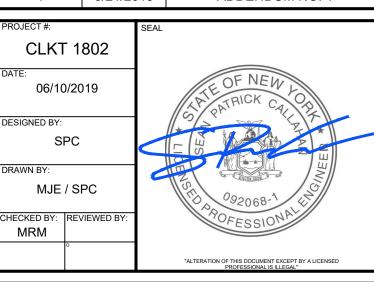


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Melville, NY 11747

DATE DESCRIPTION ADDENDUM NO. 3 7/15/2019 6/26/2019 ADDENDUM NO. 2 6/21/2019 ADDENDUM NO. 1



**Town of Clarkstown** 

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

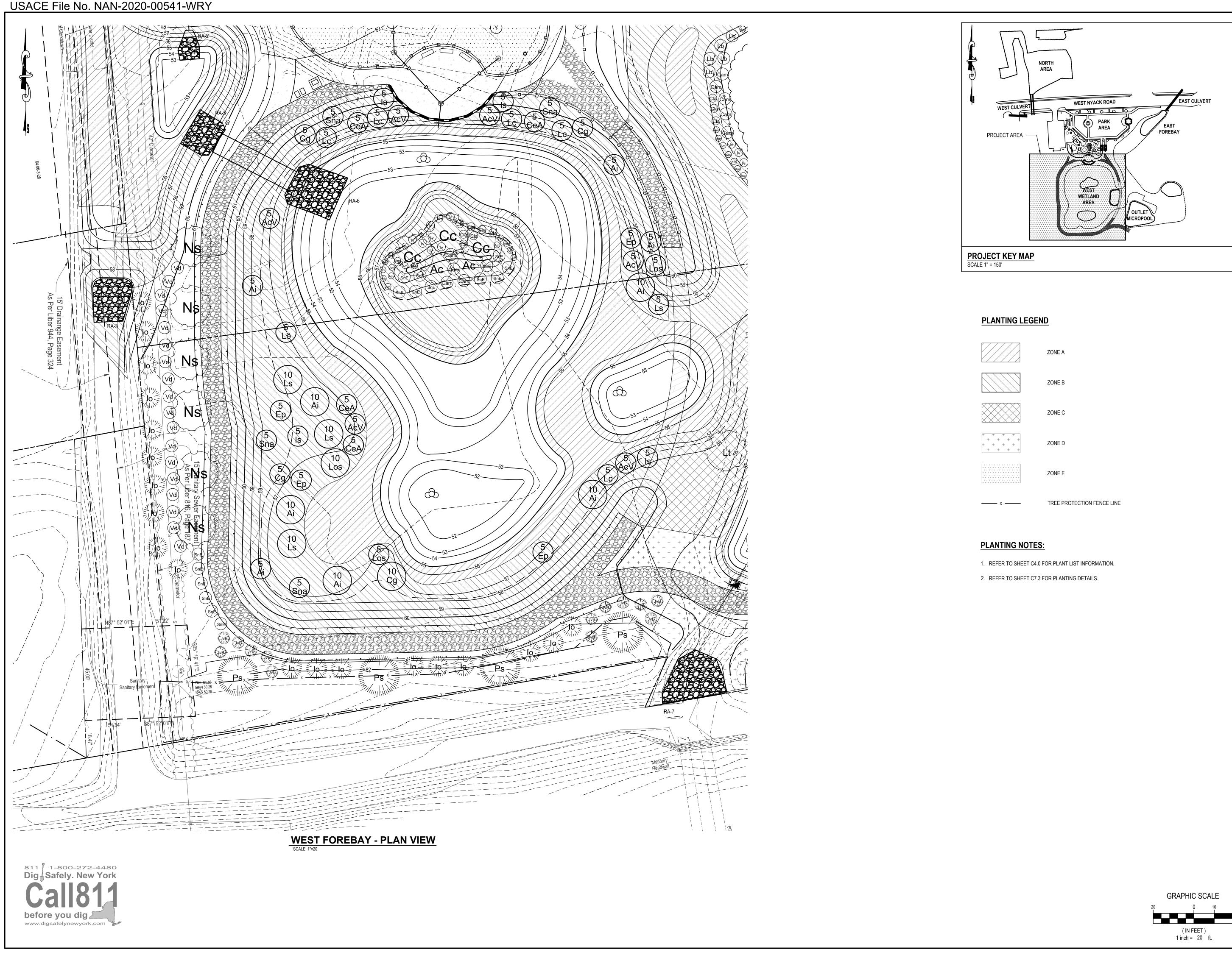
Town of Clarkstown, Rockland County, NY



**CONTRACT G GENERAL CONSTRUCTION** 

FINAL BID DOCUMENT

**PLANTING PLAN EAST FOREBAY** 



architects + engineers

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Albany, NY 12205 White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

03/29/2021

DATE DESCRIPTION

DEC RESUBMISSION

02/14/2020 DEC RESUBMISSION **CLKT 1802** 06/10/2019

09/28/2020

# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



DEC APPLICATION NO. 3-3920-00669/00002

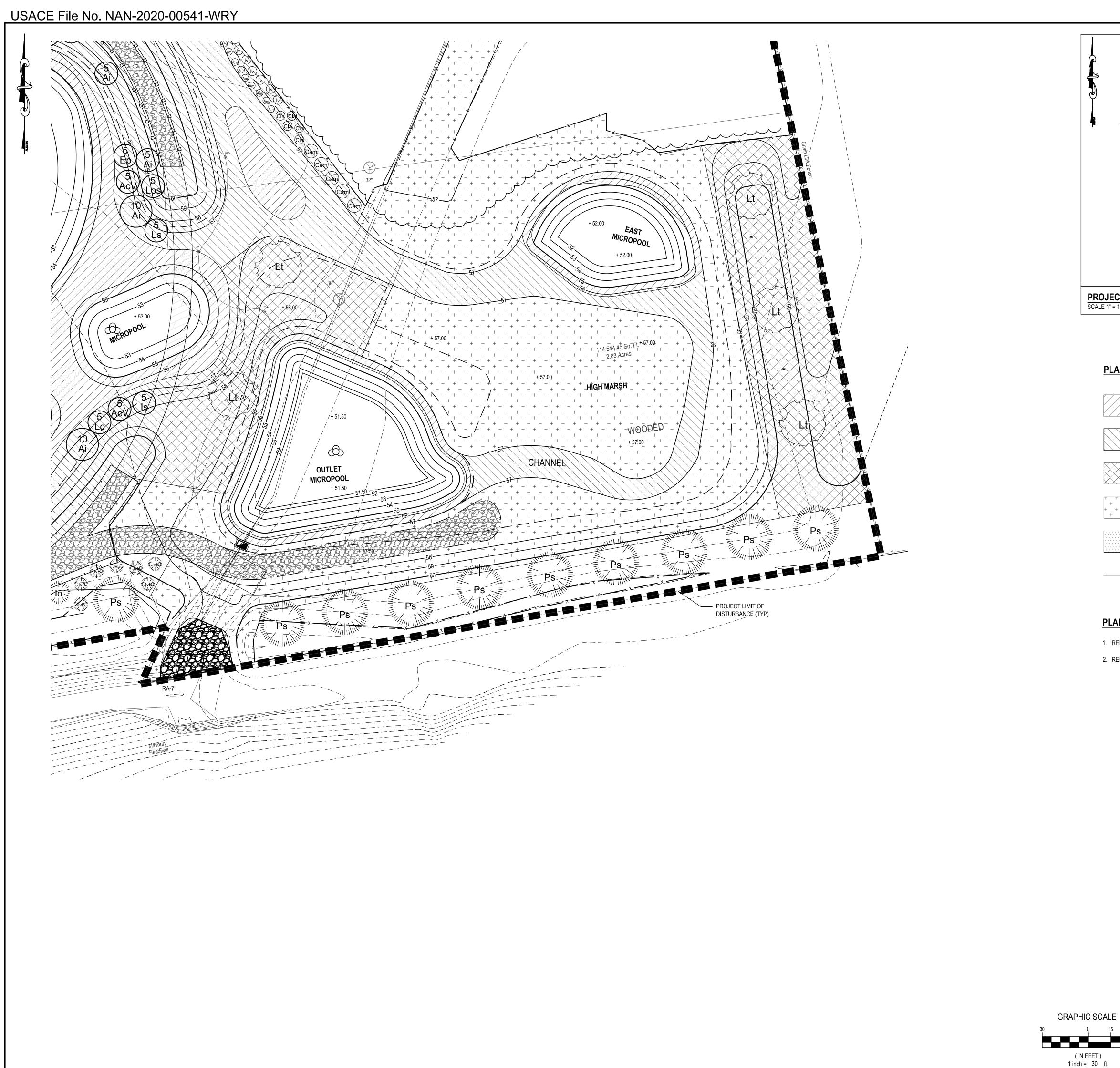
**CONTRACT G GENERAL CONSTRUCTION** 

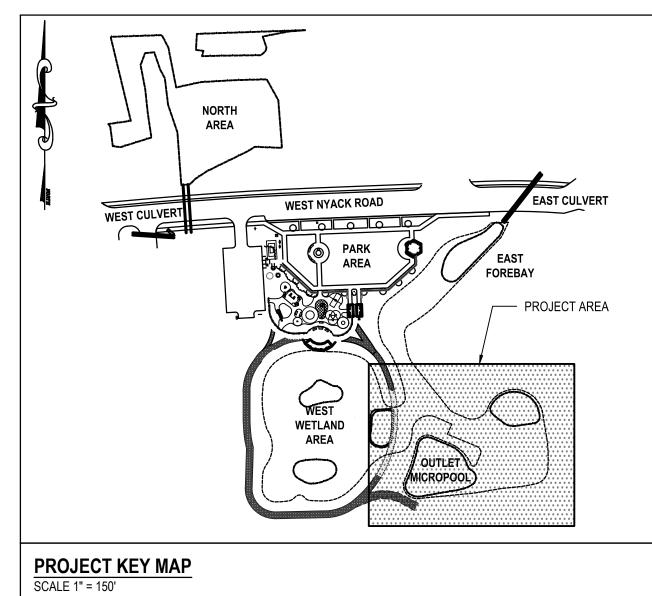
**NYS DEC PERMIT SET** 

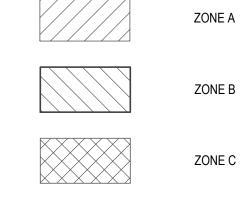
**PLANTING PLAN WEST FOREBAY** 

C4.4

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ZONE D

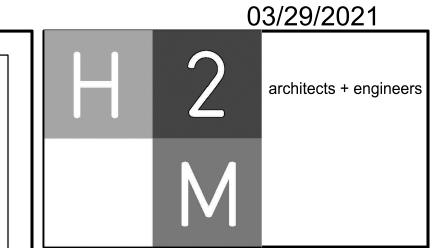
ZONE E

TREE PROTECTION FENCE LINE

### **PLANTING NOTES:**

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2. REFER TO SHEET C7.3 FOR PLANTING DETAILS.



538 Broad Hollow Road 4th Floor East Melville, NY 11747 P:(631)756-8000 F:(631)694-4122

White Plains, NY 11601 New City, NY 10956 Parsippany, NJ 07054 Howell, NJ 07731

Melville, NY 11747

Albany, NY 12205

ME CONSULTANT:

MARK DATE DESCRIPTION

2 09/28/2020 DEC RESUBMISSION
1 02/14/2020 DEC RESUBMISSION

PROJECT #:

CLKT 1802

DATE:

06/10/2019

DESIGNED BY:

SPC

DRAWN BY:

MJE / SPC

CHECKED BY:

MRM

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# **Town of Clarkstown**

West Nyack Hamlet Revitalization Park & Environmental Improvements (Part B)

Town of Clarkstown, Rockland County, NY



DEC APPLICATION NO. 3-3920-00669/00002

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

TUS

NYS DEC PERMIT SET

SHEET TITLE

PLANTING PLAN
OUTLET MICROPOOL