

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

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

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

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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for Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

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, micro-pools, 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.

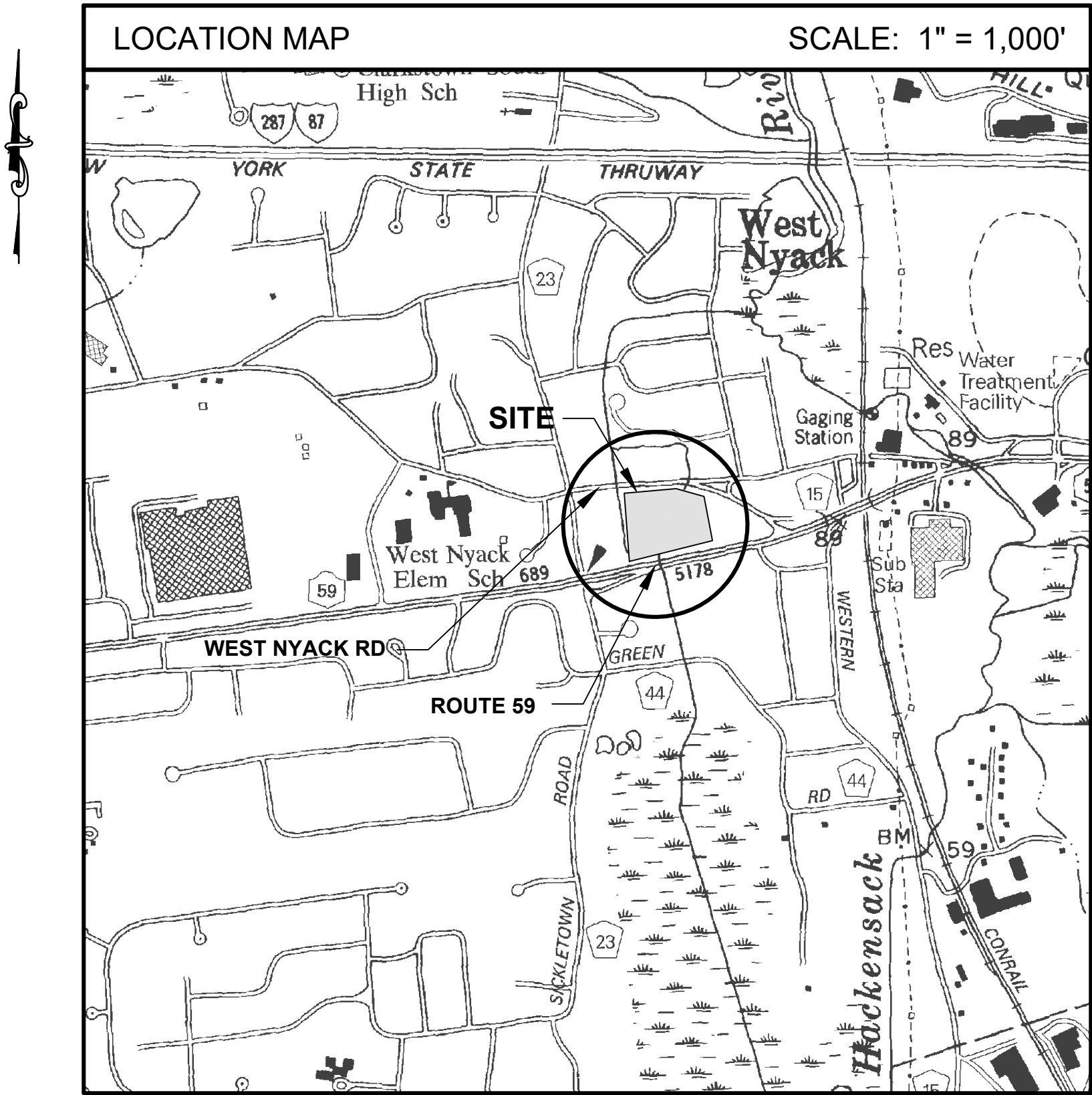
The primary stated purpose of this project is to reduce flooding. A new recreational area would be constructed within existing upland areas.

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.

DRAWING LIST

INFORMATIONAL DRAWINGS	
T0.0	COVER SHEET
T0.1	NOTES AND KEY PLAN
CIVIL DRAWINGS	
C1.0	EXISTING CONDITIONS AND SITE REMOVAL PLAN - NORTH AREA
C1.1	EXISTING CONDITIONS AND SITE REMOVAL PLAN - PARK AREA
C1.2	EXISTING CONDITIONS AND SITE REMOVAL PLAN - EAST FOREBAY
C1.3	EXISTING CONDITIONS AND SITE REMOVAL PLAN - WEST FOREBAY
C1.4	EXISTING CONDITIONS AND SITE REMOVAL PLAN - OUTLET MICROPOOL
C2.0	SITE IMPROVEMENTS PLAN - OVERALL
C2.1	SITE AMENITIES PLAN - PARK AREA
C3.1	GRADING AND DRAINAGE PLAN - NORTH AREA
C3.2	GRADING AND DRAINAGE PLAN - PARK AREA
C3.3	GRADING AND DRAINAGE PLAN - EAST FOREBAY
C3.4	GRADING AND DRAINAGE PLAN - WEST FOREBAY
C3.5	GRADING AND DRAINAGE PLAN - OUTLET
C3.6	DRAINAGE AND SANITARY STRUCTURE SCHEDULES
C4.0	PLANT LIST
C4.1	PLANTING PLAN - NORTH AREA
C4.2	PLANTING PLAN - PARK AREA
C4.3	PLANTING PLAN - EAST FOREBAY
C4.4	PLANTING PLAN - WEST FOREBAY
C4.5	PLANTING PLAN - OUTLET
C6.0	PHASING AND EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 & 2
C6.1	PHASING AND EROSION AND SEDIMENT CONTROL PLAN - PHASE 3
C6.2	PHASING AND EROSION AND SEDIMENT CONTROL PLAN - PHASE 4 & 5
C6.3	PHASING AND EROSION AND SEDIMENT CONTROL PLAN - PHASE 6
C7.0	SITE DETAILS
C7.1	SITE DETAILS
C7.2	SITE DETAILS
C7.3	PLANTING DETAILS
STRUCTURAL DRAWINGS	
S1.0	FOOTING DETAIL AND NOTES
S2.0	PARTIAL (NORTH) BOARDWALK #1 PLAN & SECTION
S2.1	PARTIAL (SOUTH) BOARDWALK #1 PLAN AND SECTION
S2.2	MISC. BOARDWALK DETAILS
S2.3	BOARDWALK RAILING DETAILS
S2.4	BOARDWALK INSTALLATION DIAGRAMS
S3.0	GAZEBO PLAN & SECTION
S4.0	OVERLOOK PLAN & DETAILS
ELECTRICAL DRAWINGS	
E0.0	ELECTRICAL LEGENDS
E1.0	ELECTRICAL SITE PLAN
E1.1	ELECTRICAL ENLARGED SITE PLAN
E2.0	ELECTRICAL SCHEDULE AND DETAILS

H2M

architects + engineers

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F:(631)694-4122

Melville, NY 11747
Albany, NY 12205
White Plains, NY 10601
New City, NY 10956
Parsippany, NJ 07054
Howell, NJ 07731

PROJECT #
CLKT 18-02
DATE:
FEBRUARY 14, 2020
DESIGNED BY:
SPC
DRAWN BY:
MJE
CHECKED BY:
REVIEWED BY:

SEAL

TOWN OF CLARKSTOWN

WEST NYACK HAMLET
REVITALIZATION
PARK & ENVIRONMENTAL
IMPROVEMENTS (PART B)

TOWN OF CLARKSTOWN, NY

DEC APPLICATION NO.
3-3920-00669/00002

SHEET #

T0.0

Page 1 of 20




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PRIME 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	REVIEWED BY:	

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CLIENT

Town of Clarkstown

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



DEC APPLICATION NO.
3-3920-00669/00002

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

NYS DEC PERMIT SET

SHEET TITLE

NOTES AND KEY PLAN

SHEET A

T0.1

\\C:\CLKT (Town of Clarkstown)\2018\CLKT1802 (N Nyack Hamlet Revitalization Phase 1)\02-BIM-CADD\Con-docs\civil\B - \$370.1 Notes and Key Plan.dwg Last Modified: Jun 10, 2019 - 9:56am Plotted on: Sep 28, 2020 - 10:28am By ndigulio

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Town of Clarkstown

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

Town of Clarkstown, Rockland County, NY



CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

SHEET TITLE

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

Page 3 of 20



- PROJECT LIMITS (TYP.)
- REMOVE AND DISPOSE
OF TREE AND STUMP (TYP.)

OF ROADWAY
CONTRACT

✓ LIMITS OF ROADWAY CONTRACT

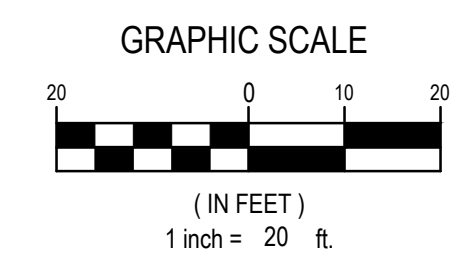
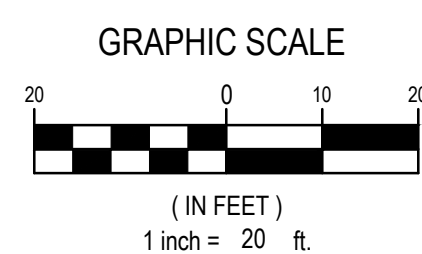
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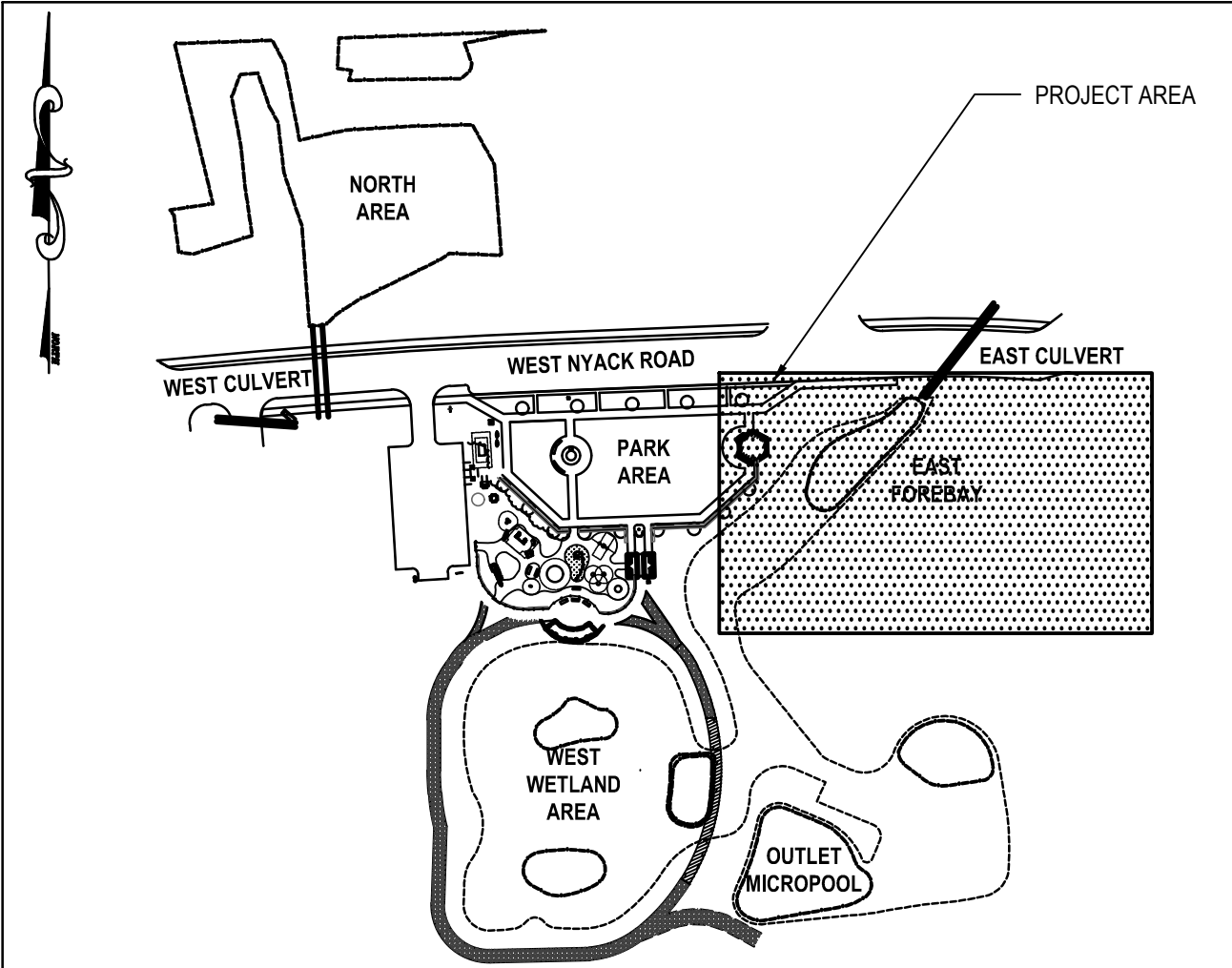
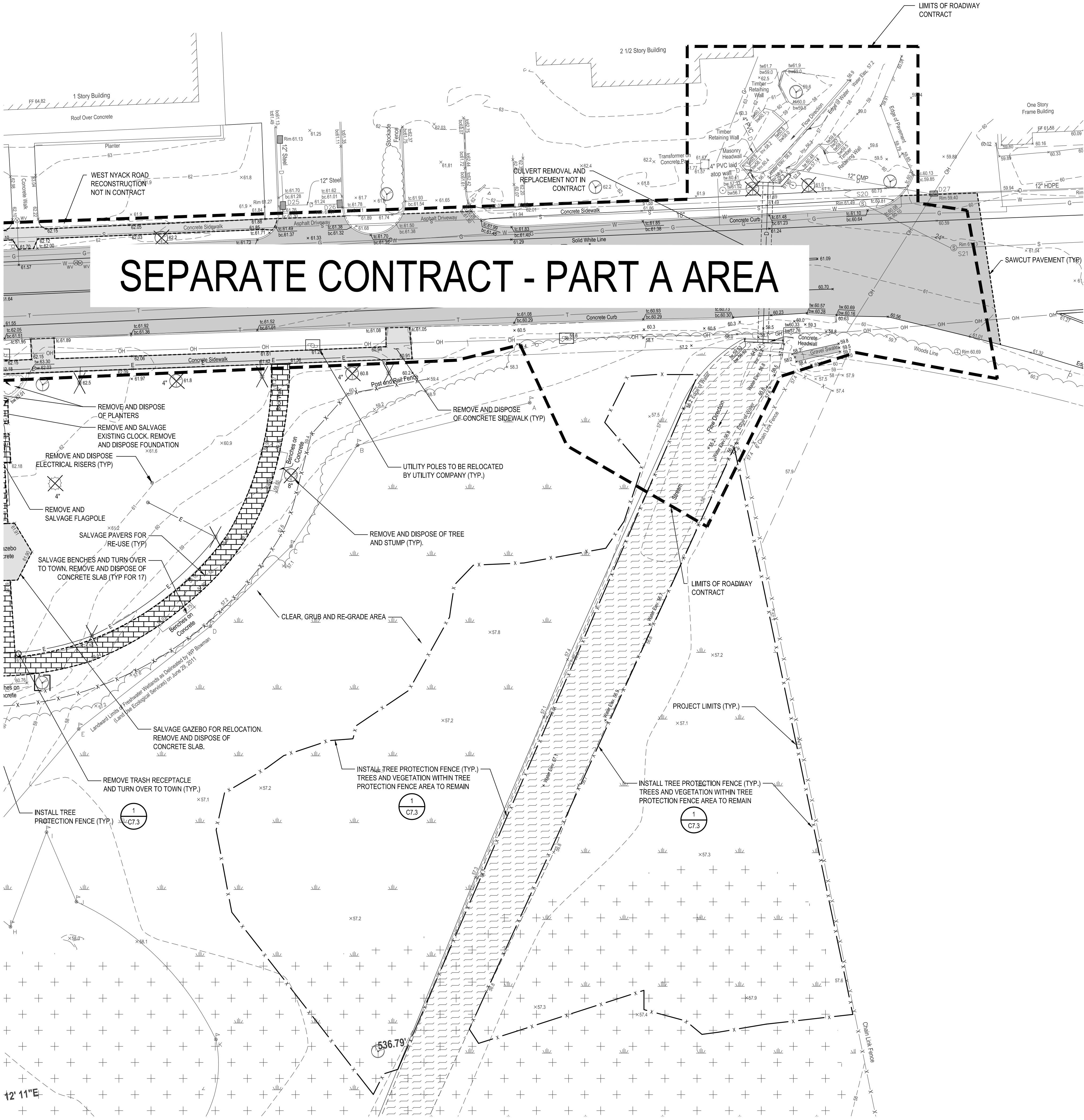
CULVERT REMOVAL
AND REPLACEMENT
UNDER SEPARATE
CONTRACT

ALL TREE PROTECTION FENCE (TYP.)
TREES AND VEGETATION WITHIN TREE
PROTECTION FENCE AREA TO REMAIN

West Ny:
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SEPARATE CONTRACT - PART A AREA





PROJECT KEY MAP
SCALE 1" = 150'

NOTES AND LEGENDS:

- 1. REFER TO SHEET TO.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.

H2M

architects + engineers

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REVIEWED BY:

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STATE OF NEW YORK
PATRICK CALKINS
092068-1
REGISTERED PROFESSIONAL ENGINEER

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Town of Clarkstown
West Nyack Hamlet Revitalization
Park & Environmental
Improvements (Part B)
Town of Clarkstown, Rockland County, NY

TOWN OF CLARKSTOWN
NEW YORK

DEC APPLICATION NO.
3-3920-00669/00002

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

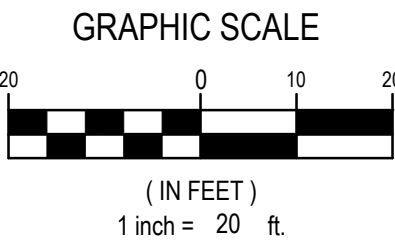
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SHEET TITLE

EXISTING CONDITIONS AND
SITE REMOVAL PLAN
EAST FOREBAY

SHEET #

C1.2



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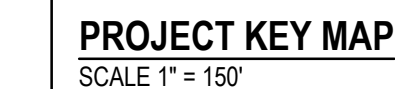
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1	02/14/2020	DEC RESUBMISSION



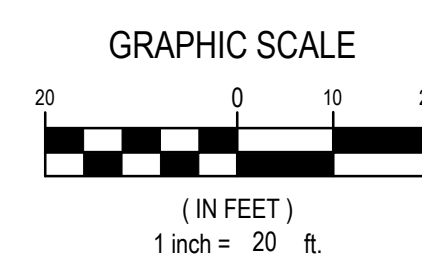
Town of Clarkstown
West Nyack Hamlet Revitalization
Park & Environmental
Improvements (Part B)
Town of Clarkstown, Rockland County, NY



SHEET # **C1.3**



1. REFER TO SHEET T0.1 FOR EXISTING CONDITIONS AND SITE REMOVAL NOTES AND LEGENDS.
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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

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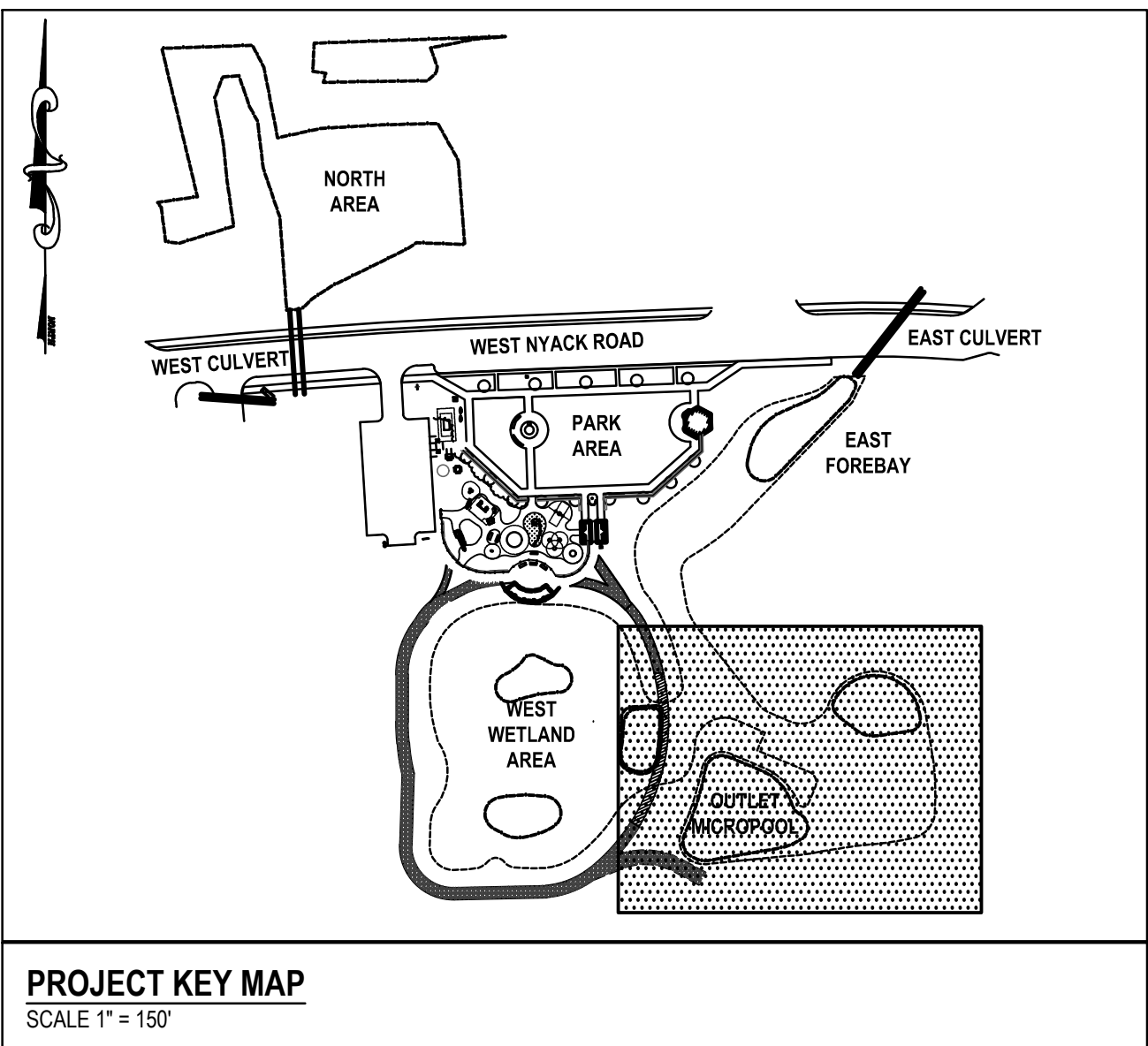
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**EXISTING CONDITIONS AND
SITE REMOVAL PLAN
OUTLET MICROPOOL**

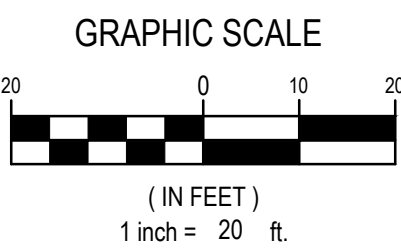
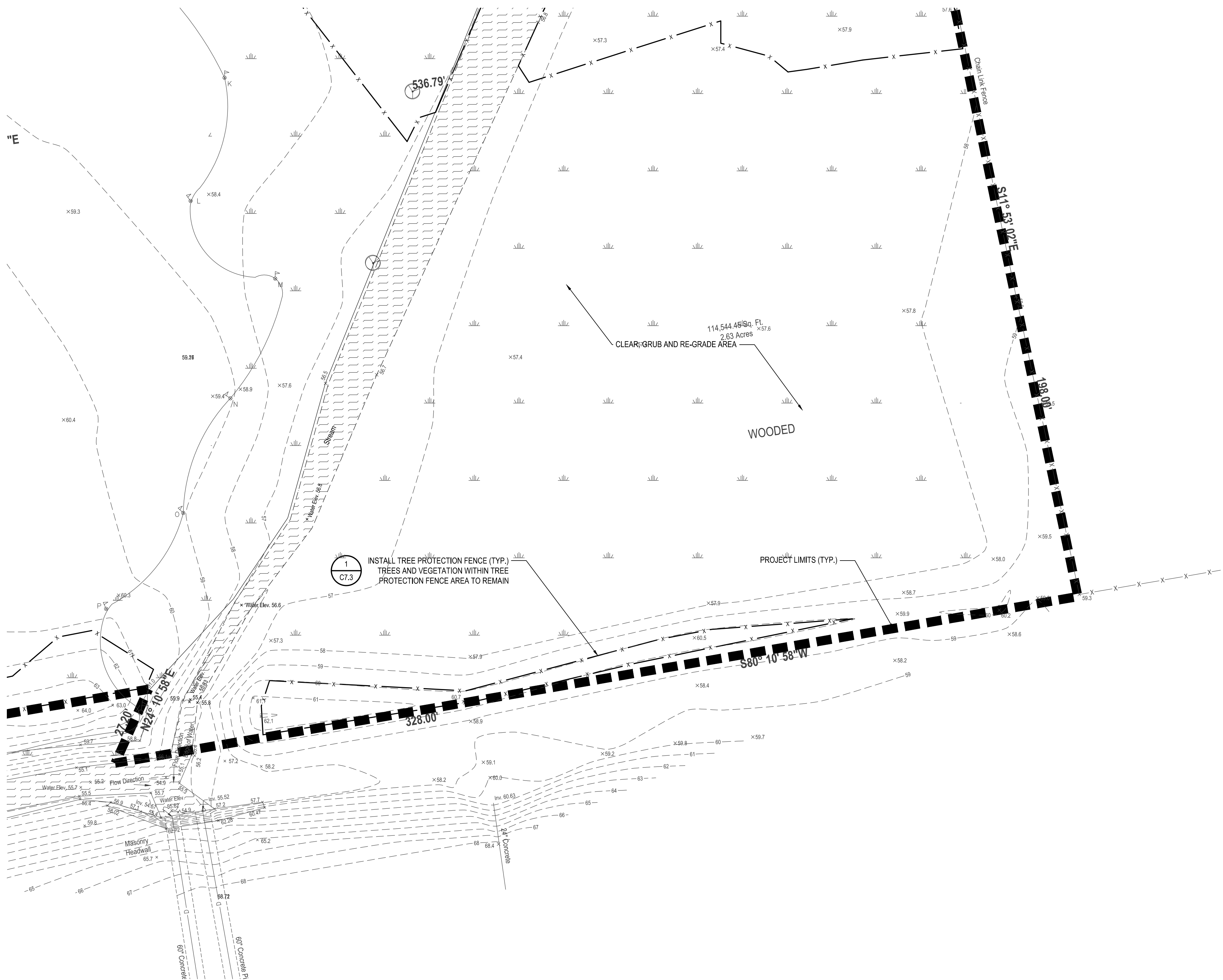
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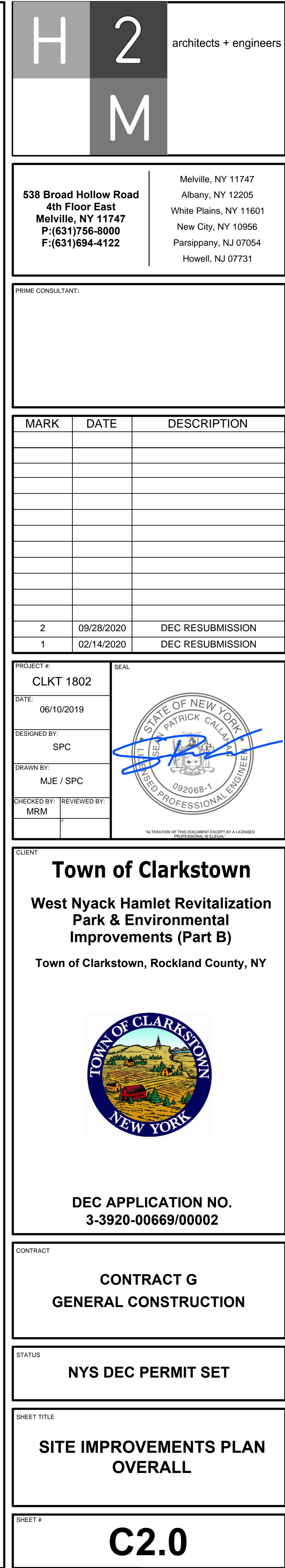
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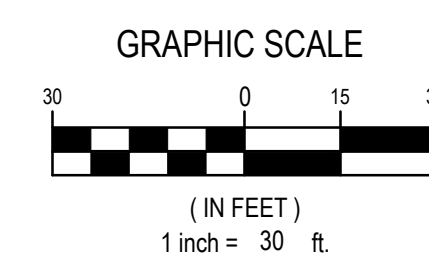
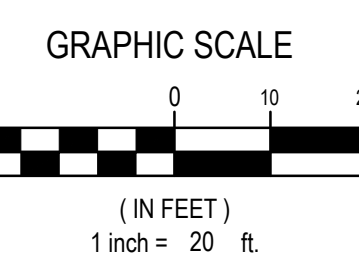
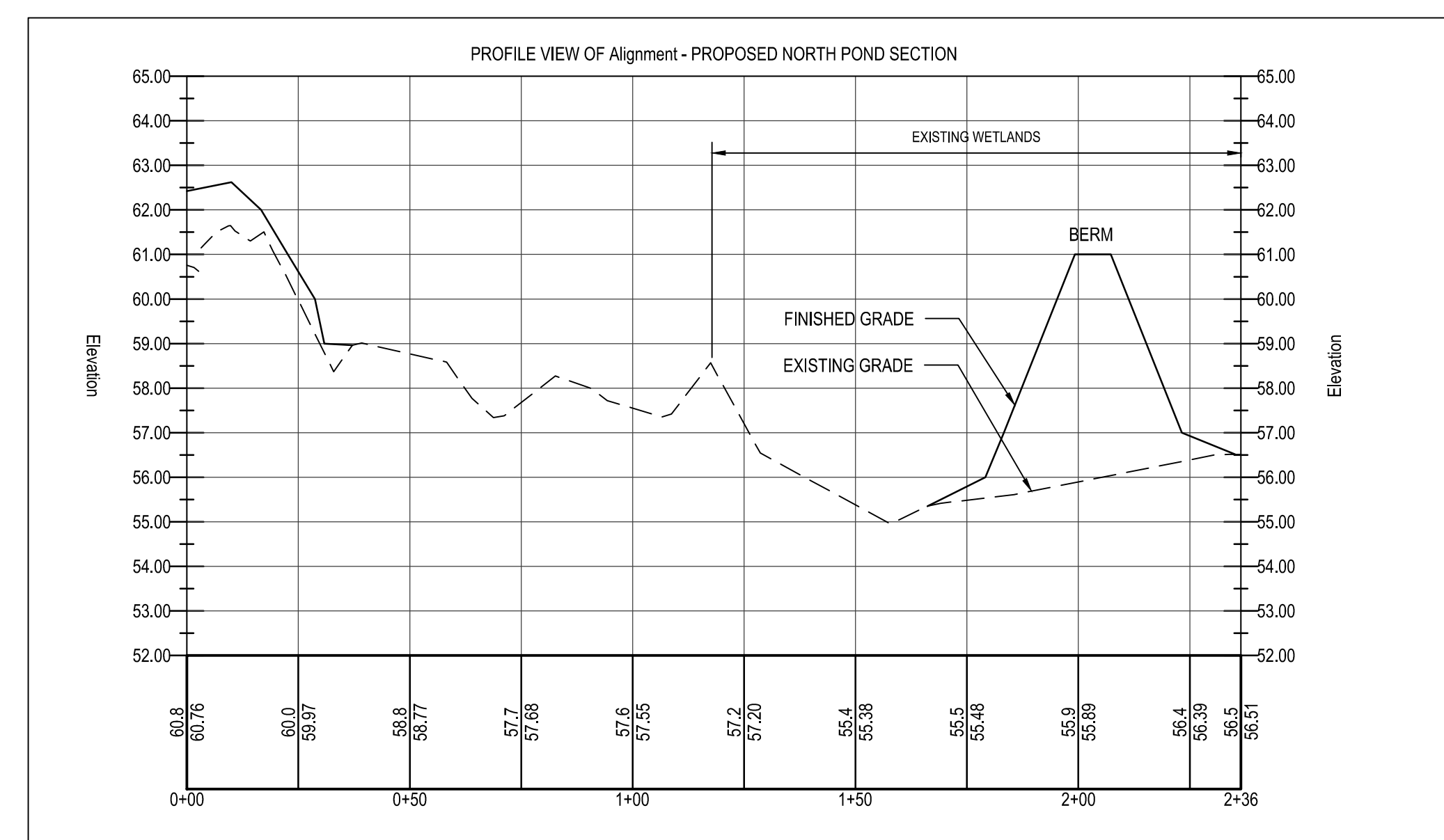
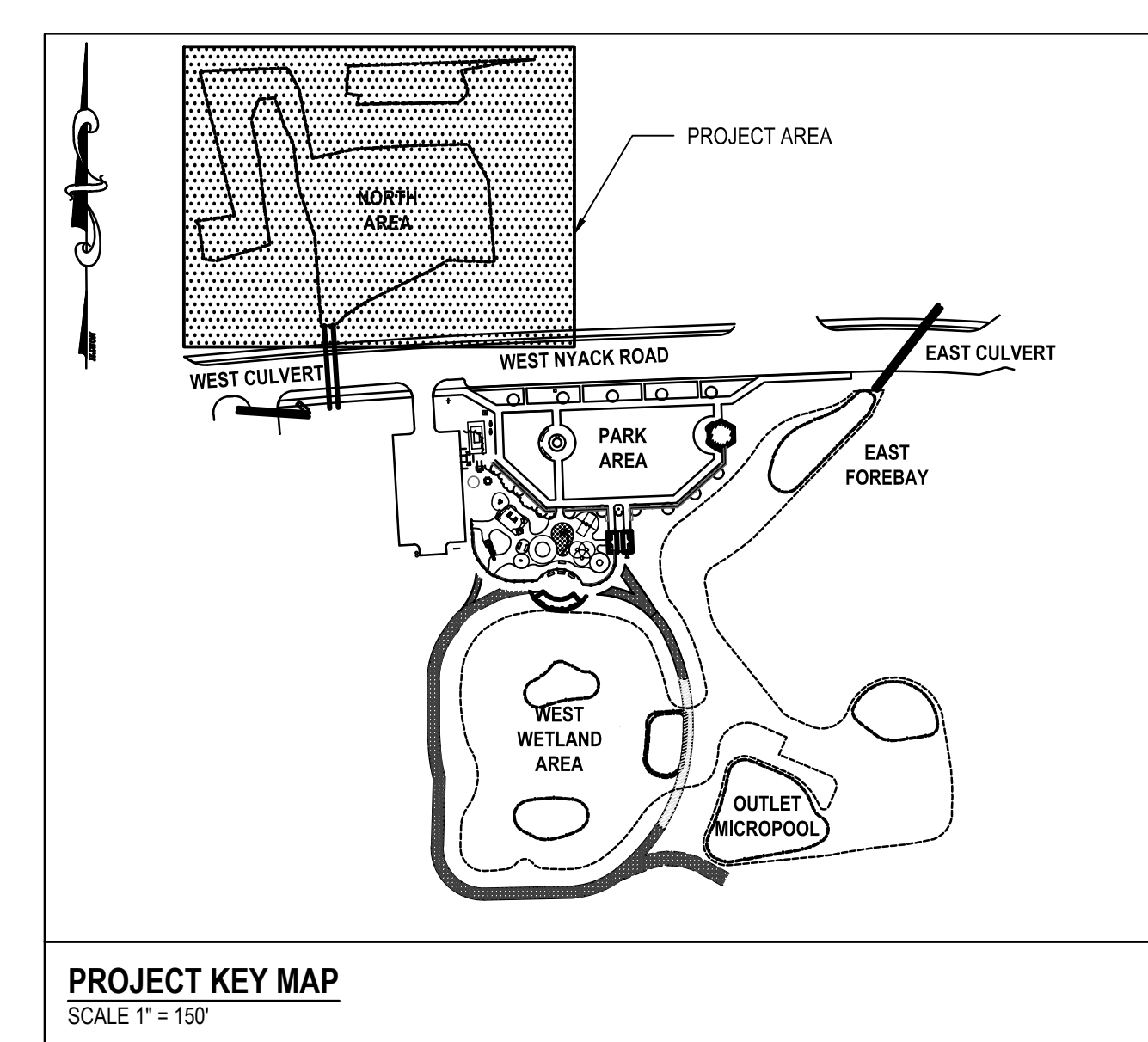


NOTES AND LEGENDS:

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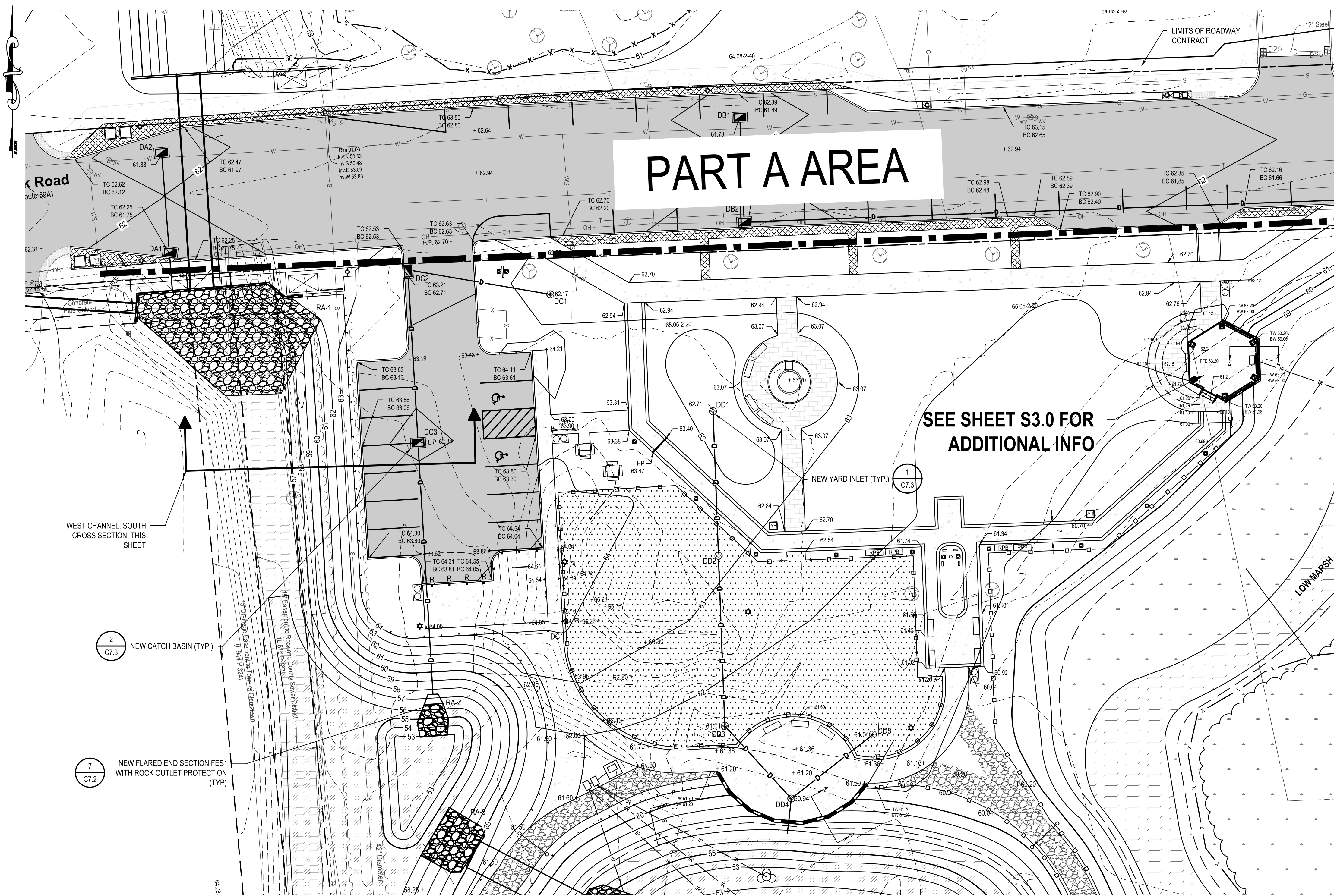


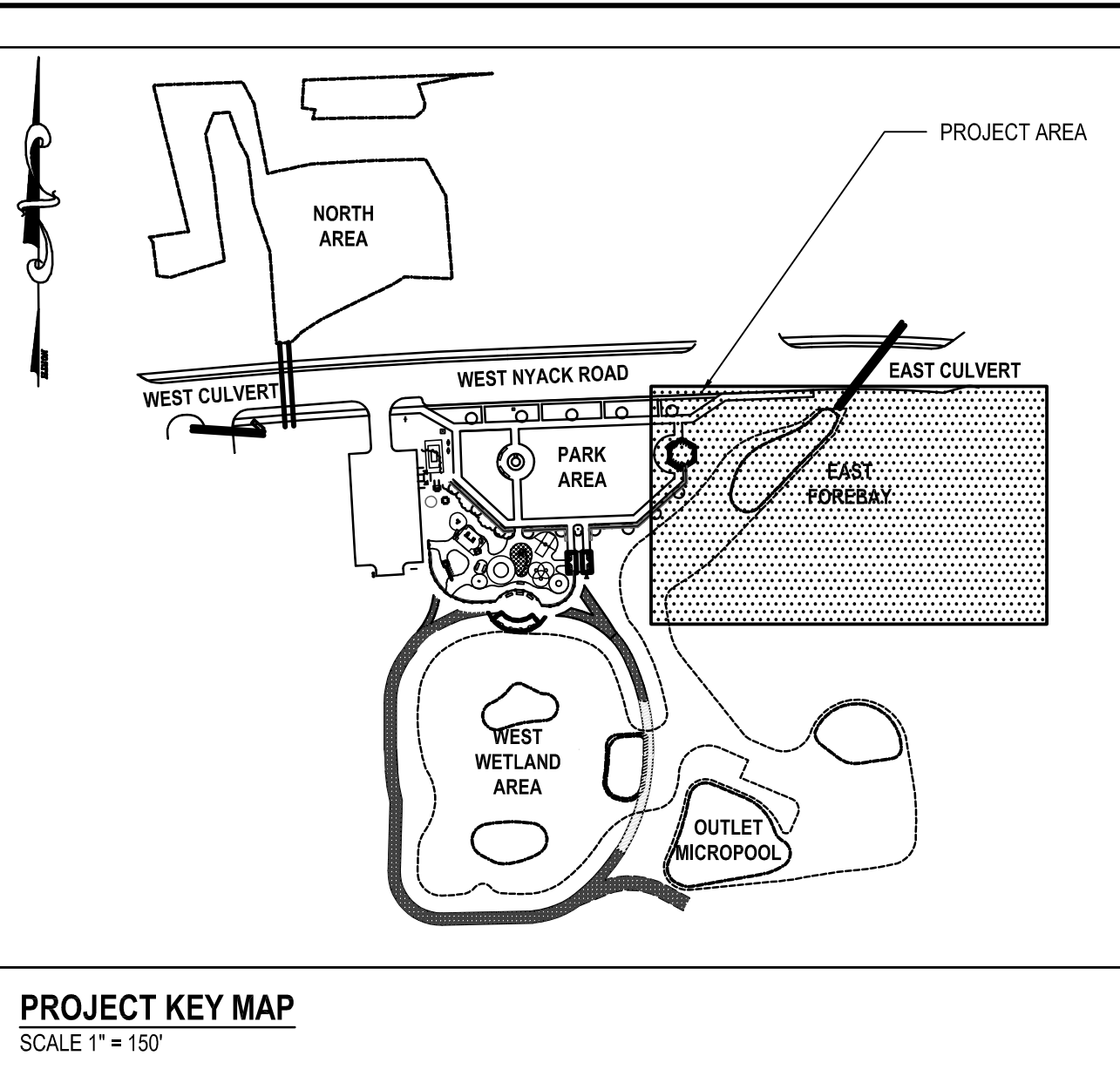




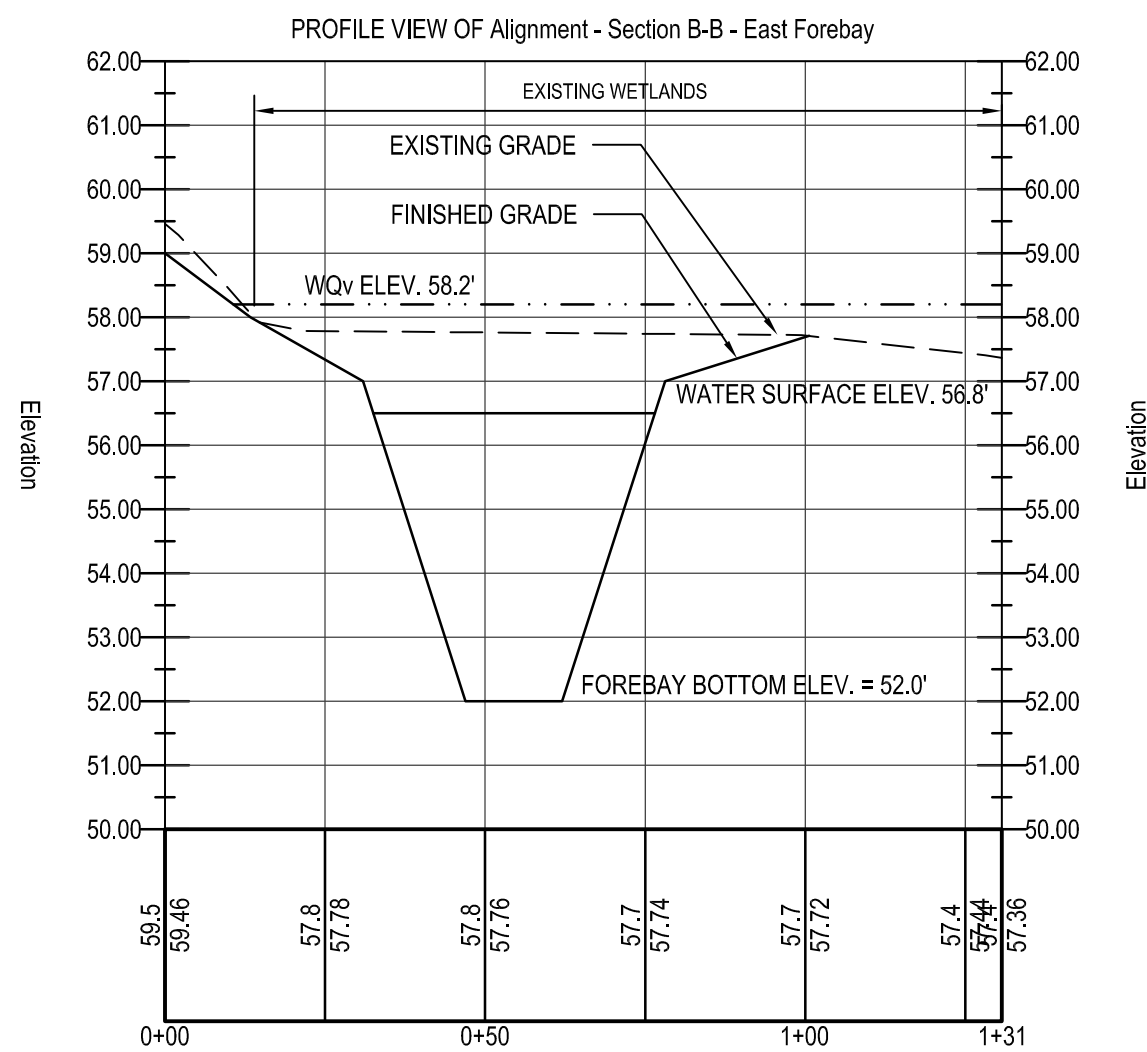
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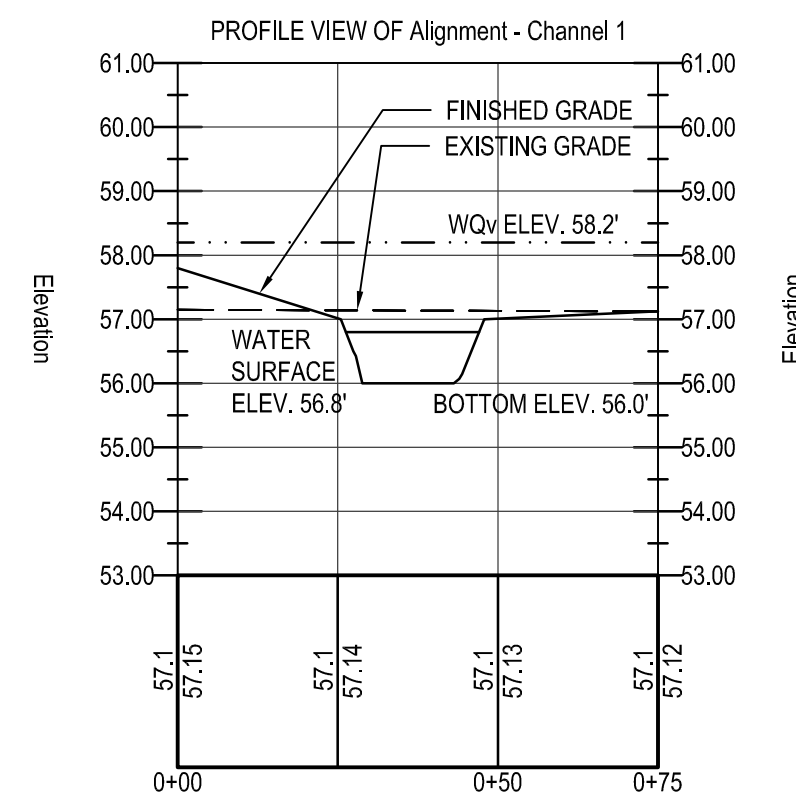


EAST FOREBAY - PLAN VIEW

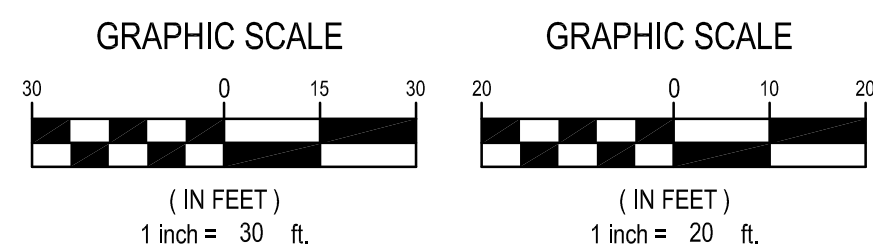


EAST FOREBAY - SECTION A-A
SCALE: 1"=30' (HORIZONTAL)
SCALE: 1"=3' (VERTICAL)

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



EAST CHANNEL - CROSS SECTION 1




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PRIME CONSULTANT:

MARK	DATE	DESCRIPTION
3	11/20/2020	PER ACOE COMMENTS
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1	02/14/2020	DEC RESUBMISSION

PROJECT #:		
CLTK 1802		
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CLIENT

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

STATUS

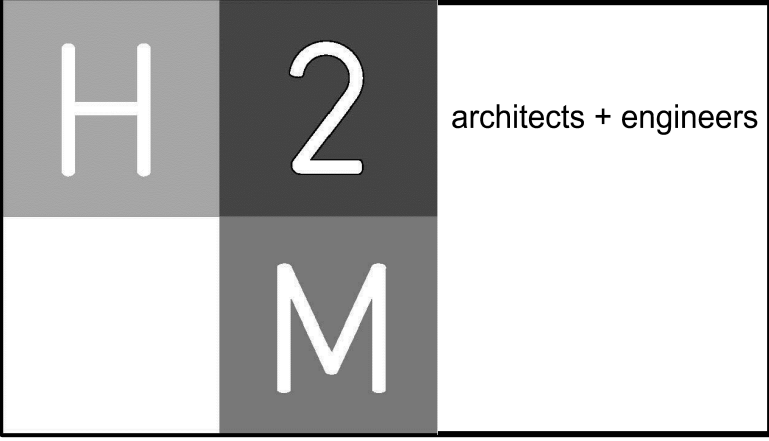
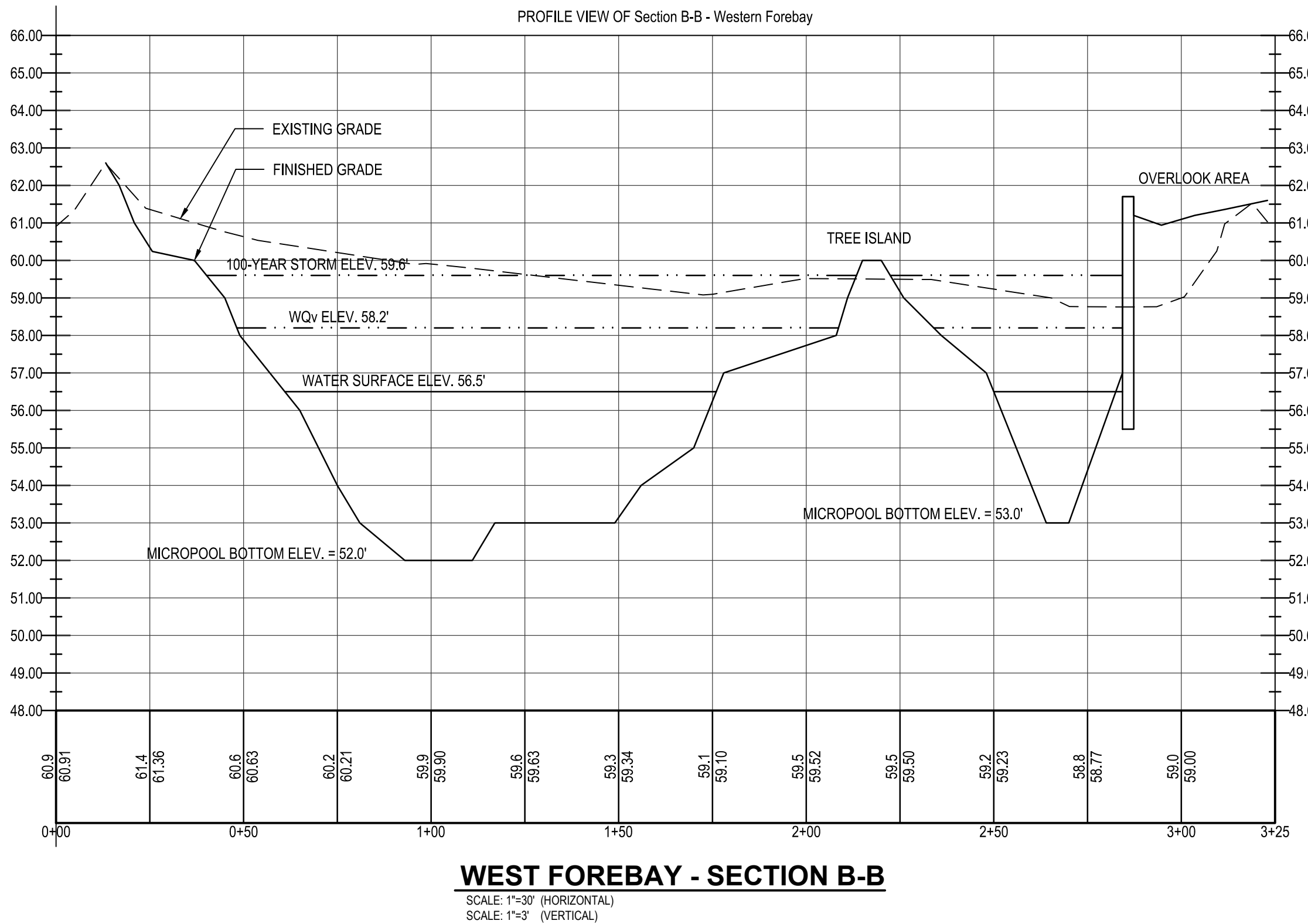
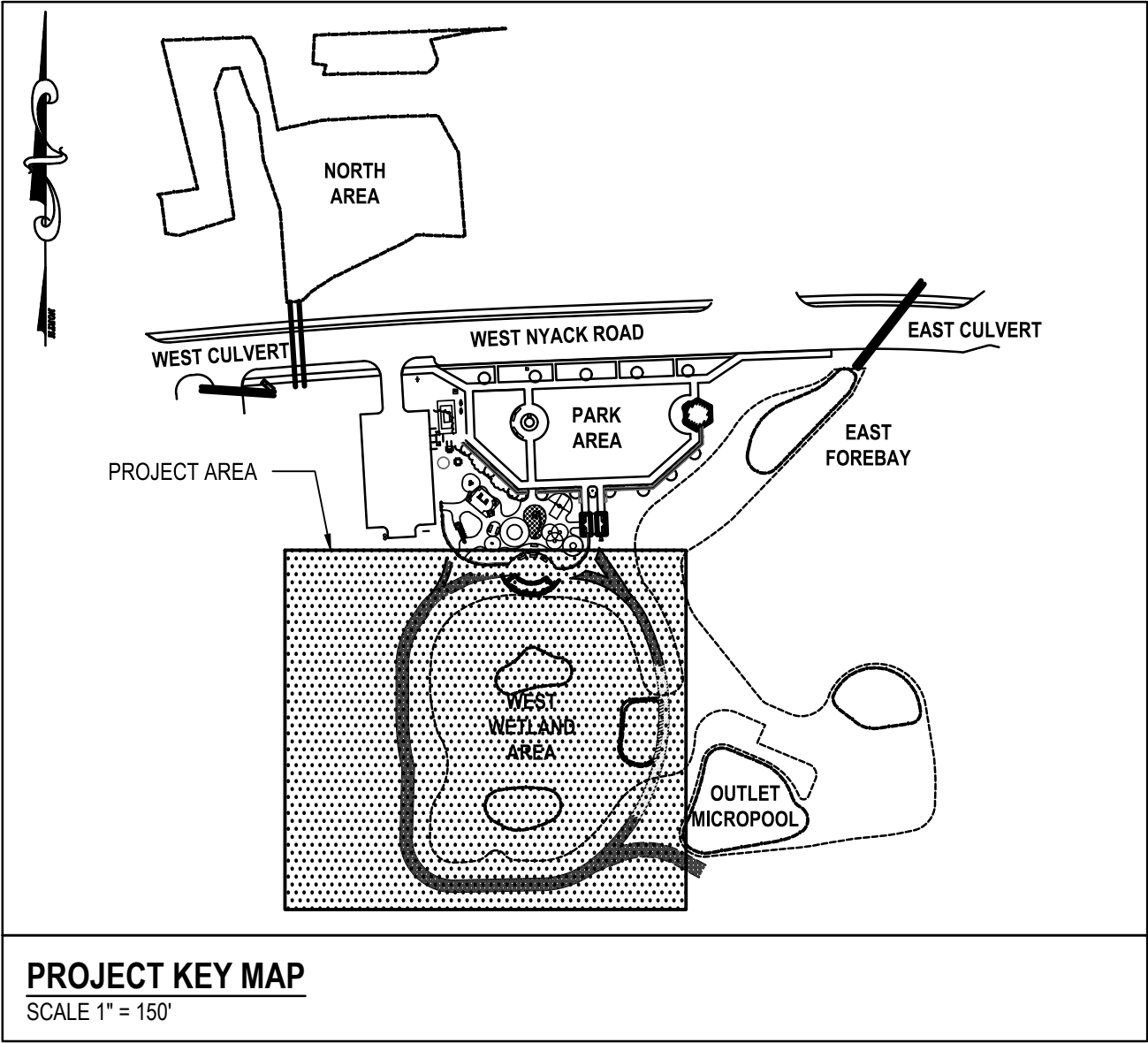
NYS DEC PERMIT SET

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GRADING AND DRAINAGE PLAN EAST FOREBAY

SHEET #

C3.3




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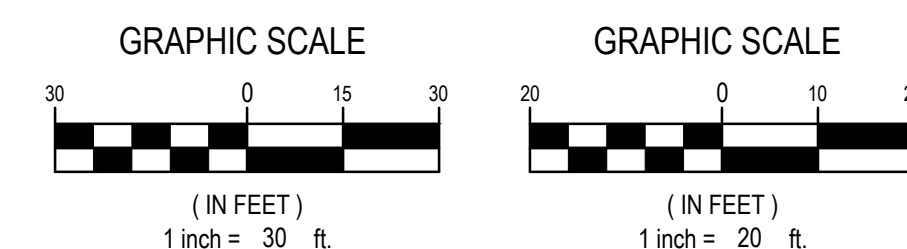
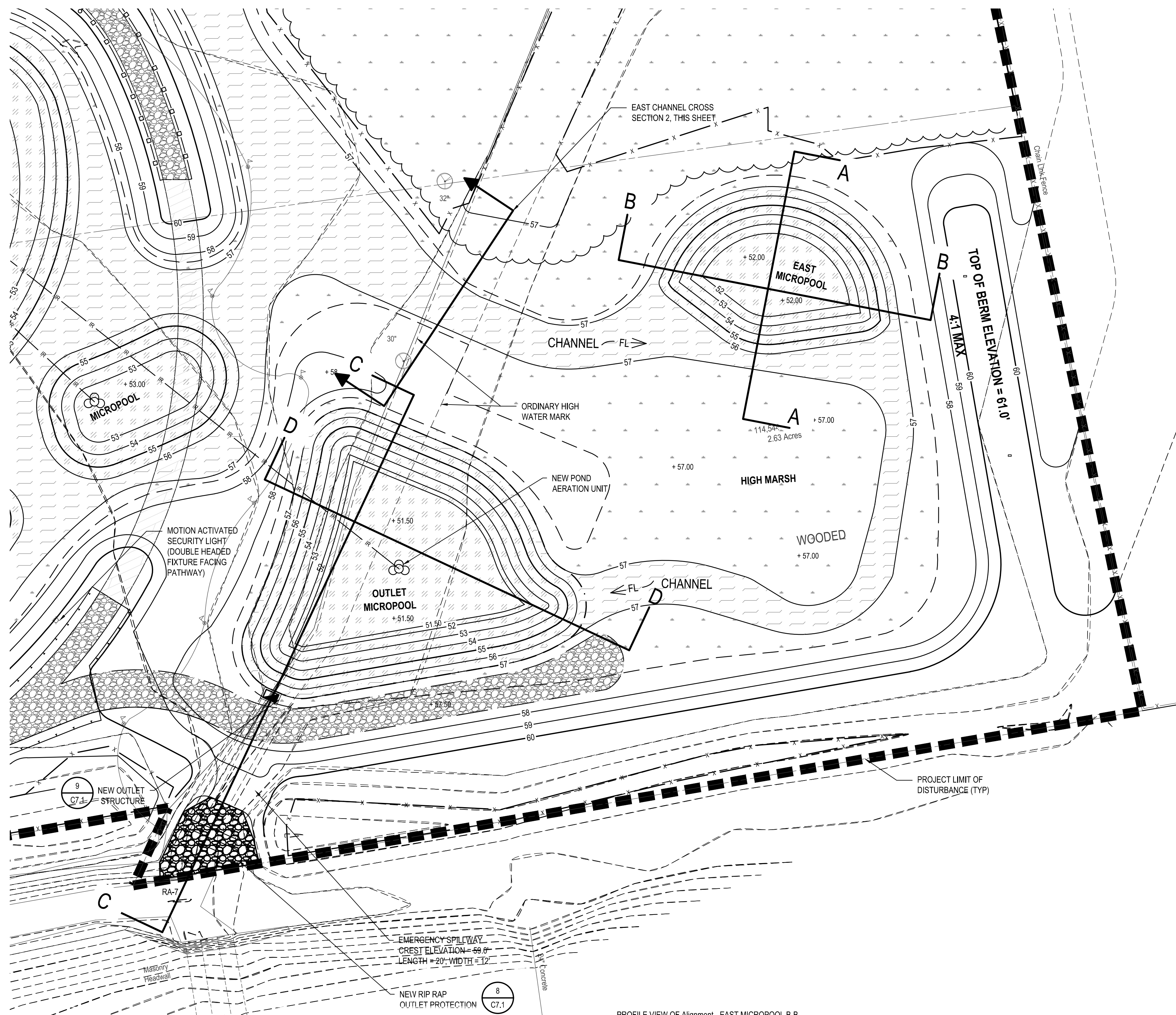
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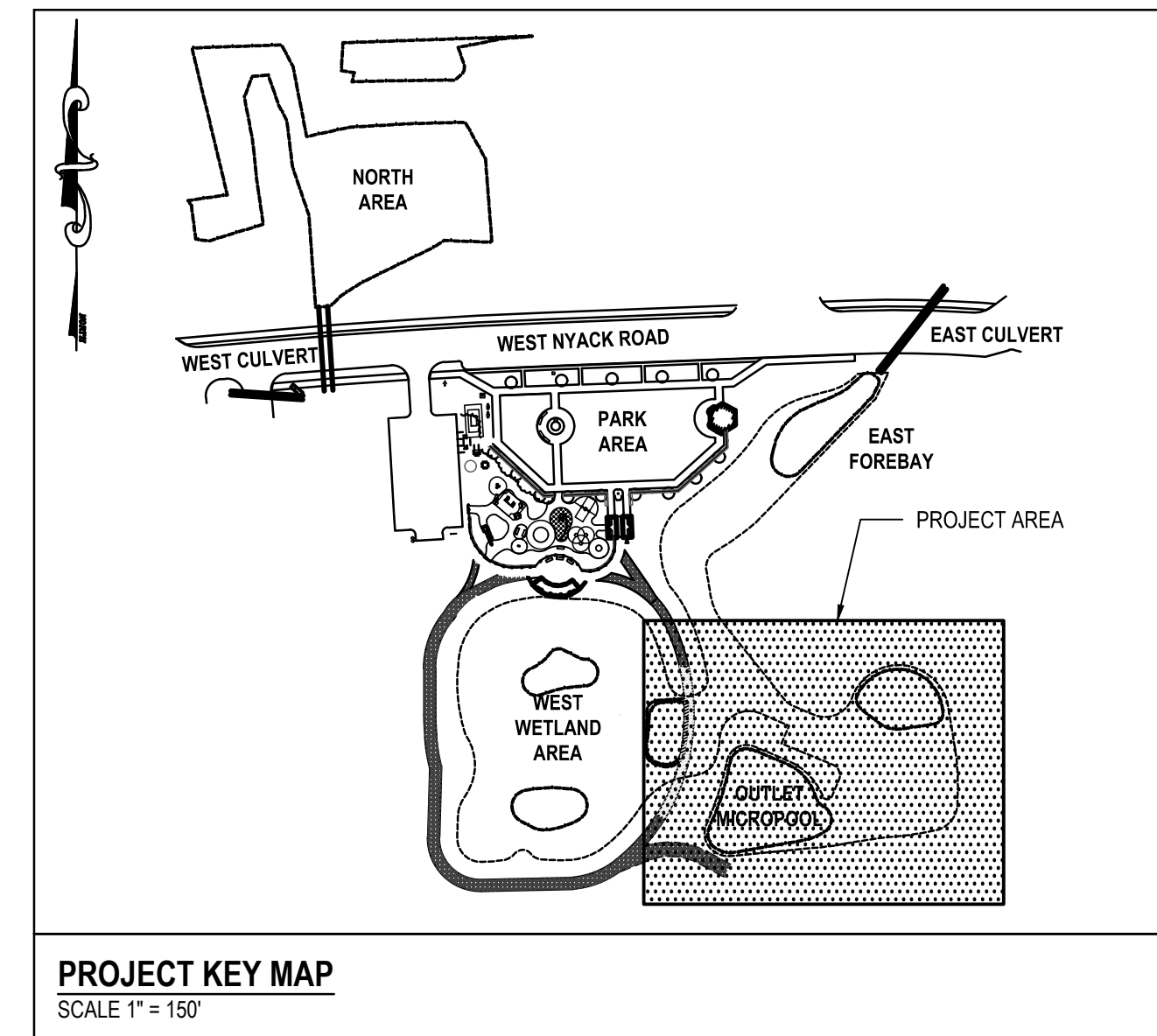
SHEET TITLE

**GRADING AND DRAINAGE PLAN
WEST FOREBAY**

C3.4



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Town of Clarkstown, Rockland County, NY



**DEC APPLICATION NO.
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SHEET TITLE

**GRADING AND DRAINAGE PLAN
OUTLET MICROPOL**

SHEET #	C3.5

\\CLKT (Town of Clarkstown)\\2018\\CLKT1802 (W Nwack Hamlet Revitalization Phase 1)\\02-BIM-CADD\\Con-docs\\civil\\\$B - SCC.5 Grading and Drainage Plan - Outlet.dwg Plotted on: Sep 28, 2020 - 4:45pm By ndigilio

ZONE A: HYDROLOGIC ZONES 1+2 - PLANTS SPACED 2' APART				(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	Iris versicolor	Blue Flag Iris	2" plugs	shallower
488	10	Leersia oryzoides	Rice Cut Grass	2" plugs	shallower
488	10	Nuphar luteum	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	Pickersweeed	2" plugs	shallower
488	10	Sagittaria latifolia	Duck Potato	2" plugs	deeper
488	10	Saururus cernuus	Lizard's Tail	2" plugs	shallower
ZONE B PERENNIALS					
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	Is	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	Symphytichum novae-angliae	New England Aster	2 gal. cont.	in clumps per plans
ZONE C: SHRUBS AND PERENNIALS SPACED 5' O.C. (10,710 SF)					
NO.	%	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
43	10	Cephalanthus occidentalis	Buttonbush	3 gal. cont.	
43	10	Clethra alnifolia	Summersweet	3 gal. cont.	
43	10	Hibiscus mosheutos	Rose Mallow	3 gal. cont.	
43	10	Lindera benzoin	Spicebush	3 gal. cont.	
43	10	Osmunda regalis	Royal Fern	3 gal. cont.	
43	10	Panicum virgatum	Switchgrass	3 gal. cont.	
43	10	Rhododendron viscosum	Swamp Azalea	3 gal. cont.	
43	10	Rosa palustris	Swamp Rose	3 gal. cont.	
43	10	Spiraea alba	Meadowsweet	3 gal. cont.	
43	10	Viburnum dentatum	Arrowwood Viburnum	3 gal. cont.	
ZONE D: WETLAND RESTORATION TREES - SPACED 10' O.C. (31,900 SF)					
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	
ADDITIONAL PLANTINGS LOCATED THROUGHOUT PROJECT AREA					
NO.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
TREES					
5	Bn	Betula nigra	River Birch	2" cal. B&B	
5	Ca	Cornus alternifolia	Pagoda Dogwood	2" cal.	
5	Cc	Cercis canadensis	Eastern Redbud	2" cal.	
24	Io	Ilex opaca	American Holly	6' tall	
13	JvB	Juniperus virginiana 'Burkii'	Eastern Redcedar	6' tall	
5	Lt	Liriodendron tulipifera	Tulip Tree	3" cal.	
9	Ns	Nyssa sylvatica	Black tupelo	2" cal. B&B	
19	Ps	Pinus strobus	Eastern White Pine	8' tall	
SHRUBS					
19	Ac	Amelanchier canadensis	Shadblow Serviceberry	1" cal. B&B	
37	Am	Aronia melanocarpa	Black Chokeberry	3 gal. cont.	
25	Cam	Cornus amomum	Dogwood	5 gal. cont.	
34	Cia	Clethra alnifolia	Sweetshrub	3 gal. cont.	
20	Iv	Ilex verticillata	Winterberry	3 gal. cont.	
27	Lb	Lindera benzoin	Spicebush	5 gal. cont.	
17	RaG	Rhus aromatica 'Gro Low'	Gro Low Fragrant Sumac	3 gal. cont.	
20	Rp	Rosa palustris	Swamp Rose	3 gal. cont.	
26	Rv	Rhododendron viscosum	Swamp Azalea	3 gal. cont.	
23	SnE	Sambucus nigra 'Eva'	Black Elder	5 gal. cont.	
39	Vd	Viburnum dentatum	Arrowleaf Viburnum	3 gal. cont.	

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PLANT LIST

C4.0



NORTH AREA - PLAN VIEW

SCALE: 1"=20'



ZONE A

ZONE B

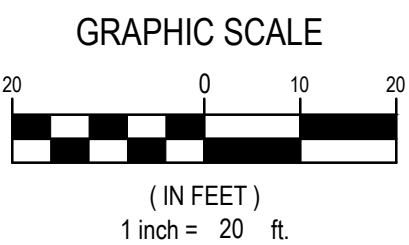
ZONE C

ZONE D

ZONE E

TREE PROTECTION FENCE LINE

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




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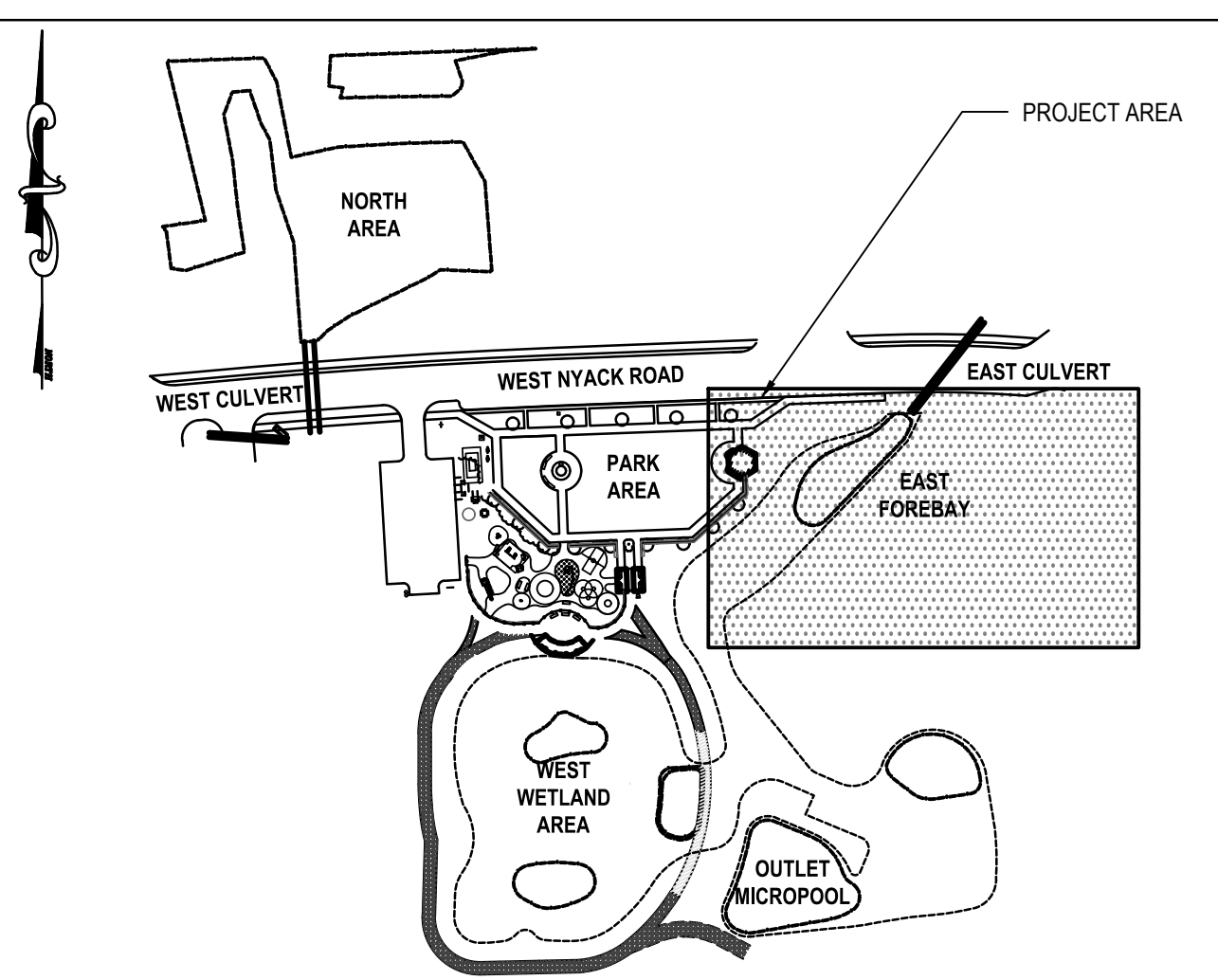
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**PLANTING PLAN
NORTH AREA**

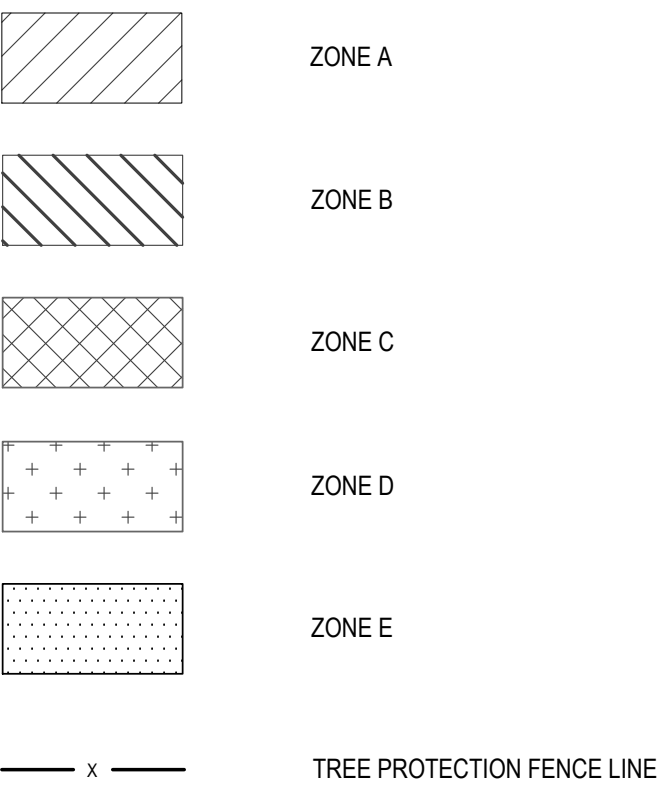
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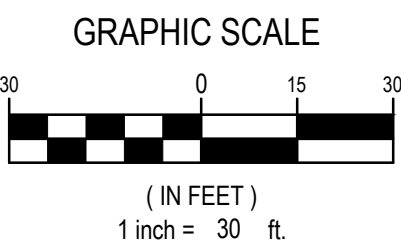


PROJECT KEY MAP
SCALE 1" = 150'

PLANTING LEGEND

**PLANTING NOTES:**

1. REFER TO SHEET C4.0 FOR PLANT LIST INFORMATION
2. REFER TO SHEET C7.3 FOR PLANTING DETAILS.



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

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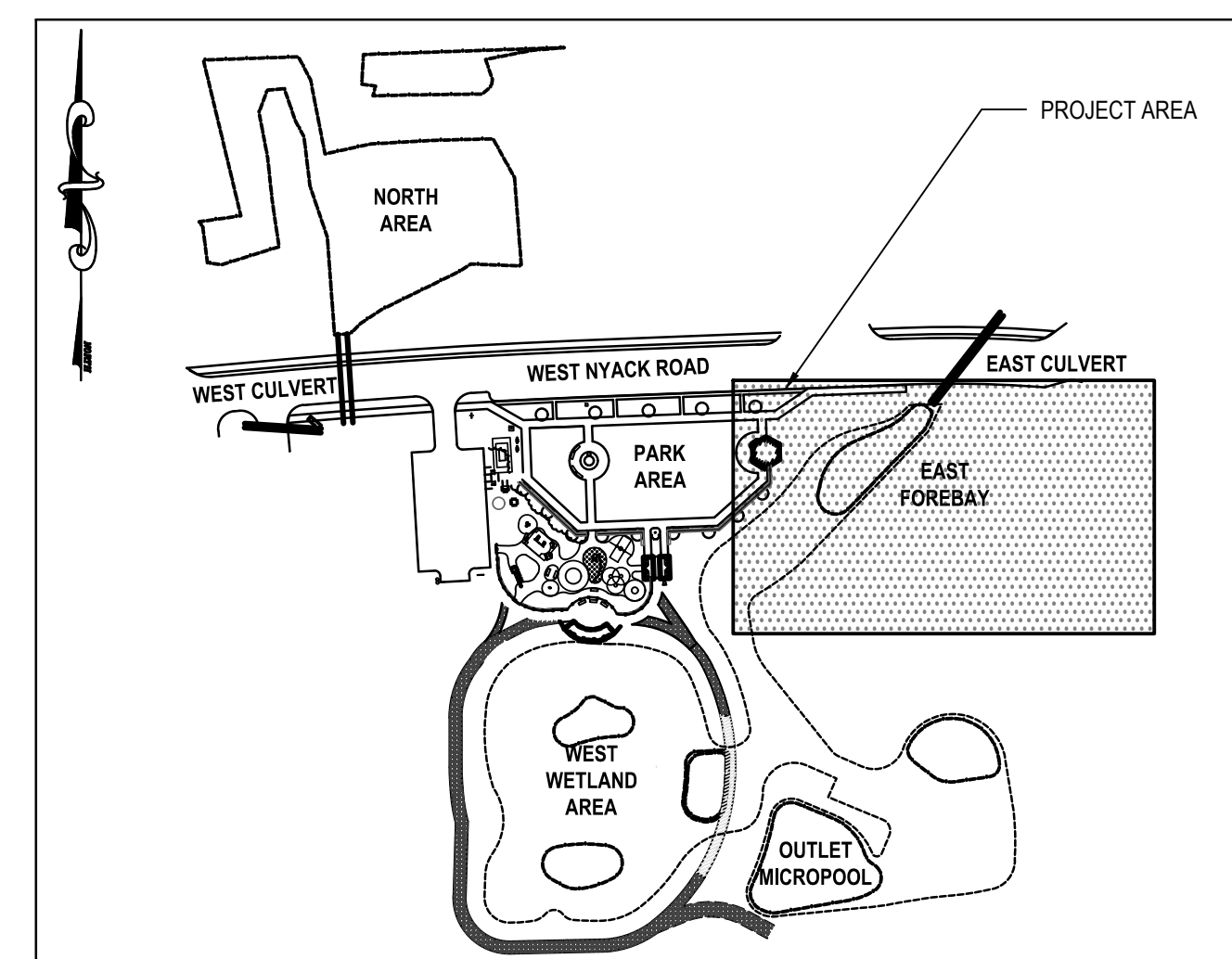
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PLANTING PLAN PARK AREA

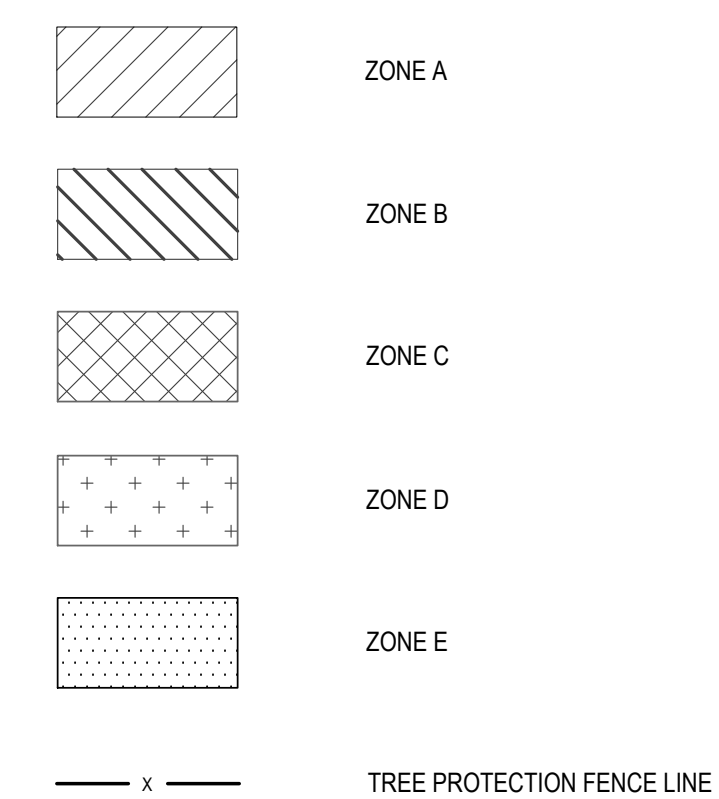
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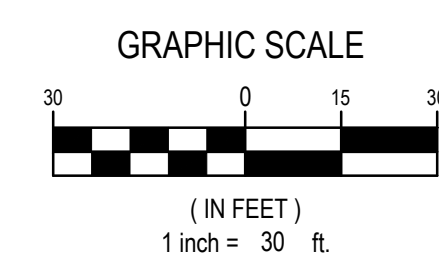
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SCALE 1" = 150'

PLANTING LEGEND



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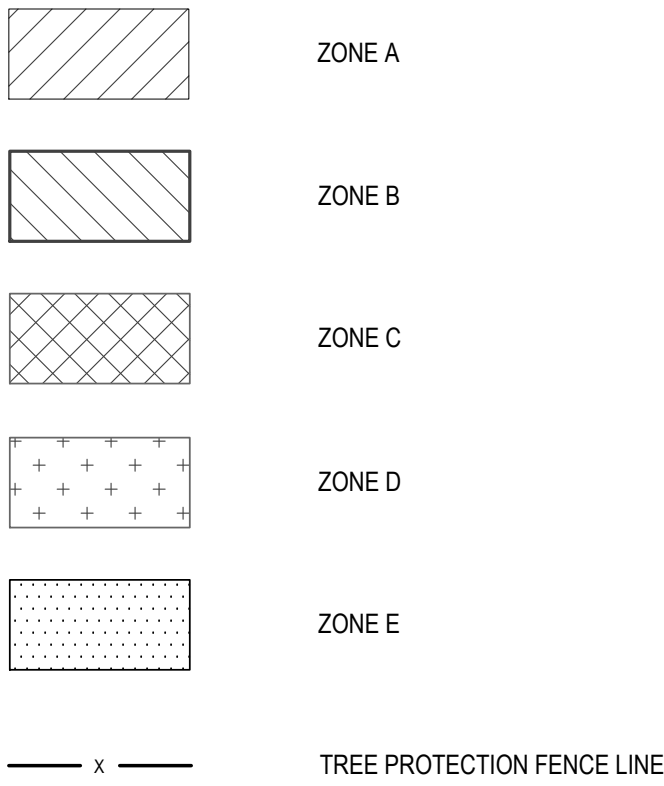
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PLANTING PLAN EAST FOREBAY

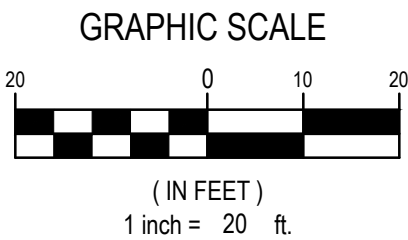
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PLANTING PLAN WEST FOREBAY

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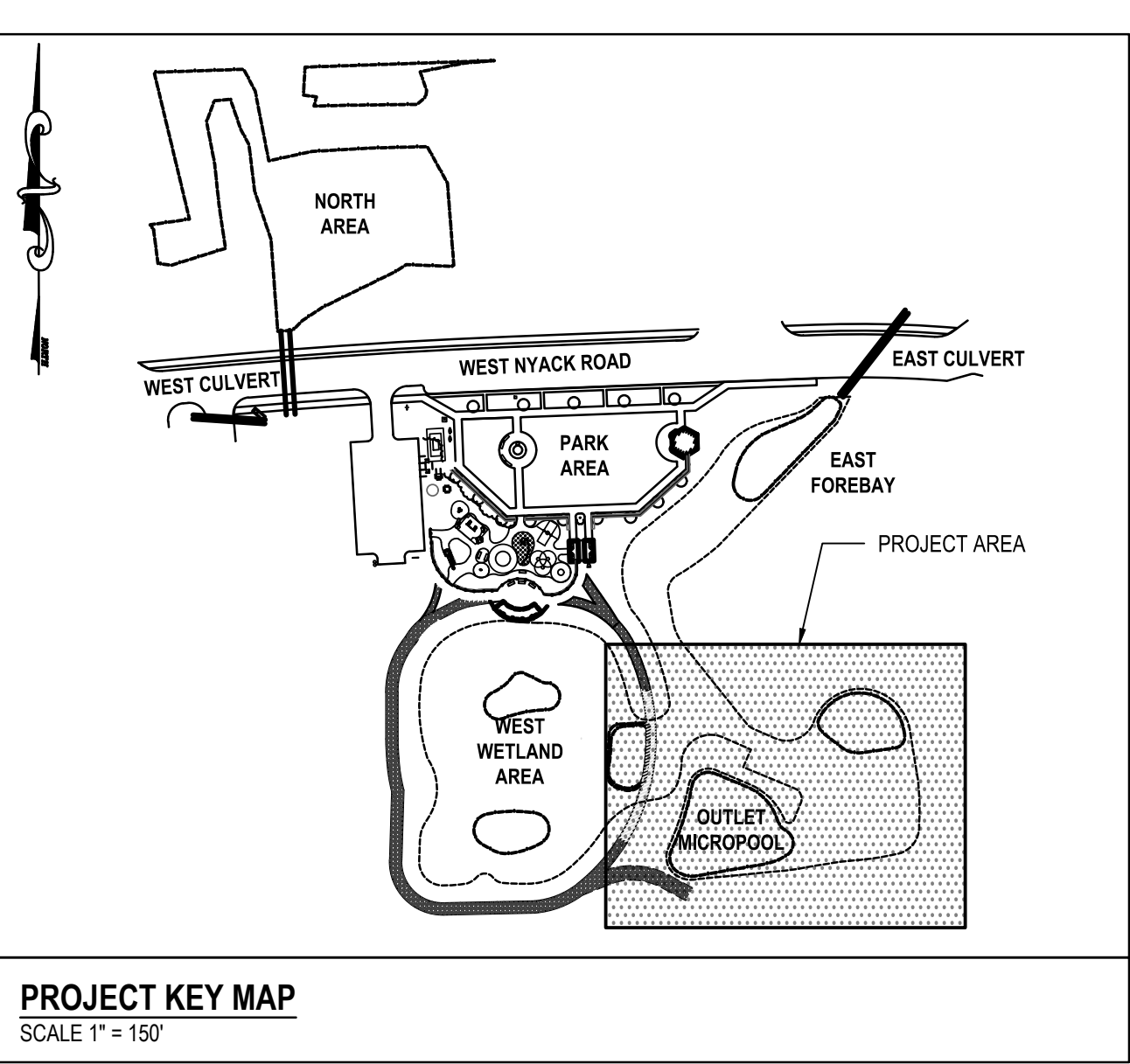
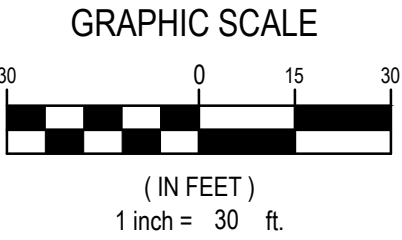


Diagram illustrating five types of tree protection fence lines (ZONE A through ZONE E) used for tree protection during construction.

- ZONE A:** Represented by a rectangle with diagonal lines sloping from the top-left to the bottom-right.
- ZONE B:** Represented by a rectangle with diagonal lines sloping from the top-right to the bottom-left.
- ZONE C:** Represented by a rectangle with a cross-hatch pattern (interlocking 'X' shapes).
- ZONE D:** Represented by a rectangle with a grid of plus signs (+).
- ZONE E:** Represented by a rectangle with a grid of small dots.

Legend: A line with an 'x' symbol represents the **TREE PROTECTION FENCE LINE**.

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

The logo for H2M architects + engineers. It features a 2x2 grid of squares. The top-left square is light gray with a white 'H'. The top-right square is dark gray with a white '2'. The bottom-left square is white with a dark gray 'M'. To the right of the grid, the text 'architects + engineers' is written in a dark gray, sans-serif font.

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PLANTING PLAN OUTLET MICROPOOL

SHEET A

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PHASING AND EROSION AND
SEDIMENT CONTROL PLAN
PHASE 1 & 2

SHEET #

C6.0

PHASING NARRATIVE

- GENERAL NOTES
- THIS PHASING NARRATIVE IS OFFERED AS A GUIDELINE TO AID IN THE PREPARATION OF BIDS. CONTRACTOR SHALL SUBMIT A PROPOSED SEQUENCE OF CONSTRUCTION TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.
 - FOR EACH PHASE, INSTALL DRAINAGE SYSTEMS IN A DOWNSTREAM TO UPSTREAM FASHION UNLESS OTHERWISE SPECIFIED.

- PHASE 1
- INSTALL INLET PROTECTION ON EXISTING CATCH BASINS IN WEST NYACK ROAD. INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE.
 - CLEAR AND GRUB PHASE 1 AND 2 PROJECT AREA. PROTECT TREES AS INDICATED.
 - SALVAGE AND TEMPORARILY STORE PAVERS, BENCHES, SIGNS AND CLOCK FROM PARK AREA.
 - CONSTRUCT SEDIMENT BASIN AND TEMPORARY OUTFALL STRUCTURE. CONSTRUCT AND STABILIZE TEMPORARY BERM ALONG EASTERN EDGE OF BASIN TO ISOLATE MEASURE FROM EXISTING EASTERN CHANNEL. TEMPORARILY STOCKPILE SOIL AT LOCATION DEPICTED ON PLANS.

- PHASE 2
- CONSTRUCT PROPOSED EASTERN CHANNEL FROM OUTLET OF NEW EAST CULVERT TO SEDIMENT BASIN. INSTALL CHANNEL PROTECTION MATTING. RE-GRADE TEMPORARY CHANNEL AREA AT OUTLET OF EAST CULVERT TO CONNECT TO NEW EASTERN CHANNEL.

EROSION CONTROL NOTES:

- DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
 - EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
 - INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
- SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
- INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
- ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
- PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
- PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
- UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
- MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE = 9.04 ACRES

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

- PURSUANT TO THE REQUIREMENTS OF SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-15-002 ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THIS PROJECT. ADHERE TO AND IMPLEMENT ALL REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
- REVIEW THE SWPPP AND SIGN IN THE LOCATION SHOWN STATING THAT ALL WORK PERTAINING TO EROSION AND SEDIMENT CONTROL WILL BE PERFORMED WITHIN REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
- THE OWNER SHALL PROVIDE A QUALIFIED INSPECTOR WHO WILL PERFORM WEEKLY INSPECTIONS AT THE CONSTRUCTION SITE. THE QUALIFIED INSPECTOR SHALL MEET THE REQUIREMENTS OUTLINED IN SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-15-002). IF THE INSPECTIONS FIND ANY DEVIATIONS FROM THE SWPPP OR THE EROSION AND SEDIMENT CONTROL PLAN IT WILL BE NOTED. THE CONTRACTOR WILL HAVE 7 DAYS TO CORRECT ANY DEVIATIONS SO THAT IT COMPLIES WITH THE REQUIREMENTS OF THE SWPPP AND OR EROSION AND SEDIMENT CONTROL PLAN. IN THE EVENT THAT MORE THAN 5 ACRES OF SOIL IS DISTURBED AT ANY TIME, 2 WEEKLY INSPECTIONS WILL BE PERFORMED.

