



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 reply to:
Public Notice Number: NAN-2019-01140-WOR
Issue Date: June 4, 2024
Expiration Date: July 5, 2024

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: IV2 Rockland Logistics Center LLC
Brookfield Place, 250 Vesey Street, 15th Floor
New York, New York 10281

ACTIVITY: The discharge of fill material into approximately 2.341 acres of waters of the United States, including wetlands, for the construction of a warehouse development.

WATERWAY: Unnamed Tributary to the Mahwah River (Passaic River Watershed)

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

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Comments 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 and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision. This public notice serves as notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act. If EPA determines that the proposed discharge may affect the quality of the waters of any state other than New York, it will so notify such other state, the district engineer, and the applicant. If such notice or a request for supplemental information is not received within 30 days of issuance of this public notice, the district engineer will assume EPA has made a negative determination with respect to section 401(a)(2).

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at Brian.A.Orzel@usace.army.mil.

CENAN-OP-R

PUBLIC NOTICE NO. NAN-2019-01140-WOR

In order for us to better serve you, please complete our Customer Service Survey located at
<https://www.nan.usace.army.mil/Missions/Regulatory/Customer-Survey/>.

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

 Digitally signed
by Rosita Miranda

FOR AND IN BEHALF OF
Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

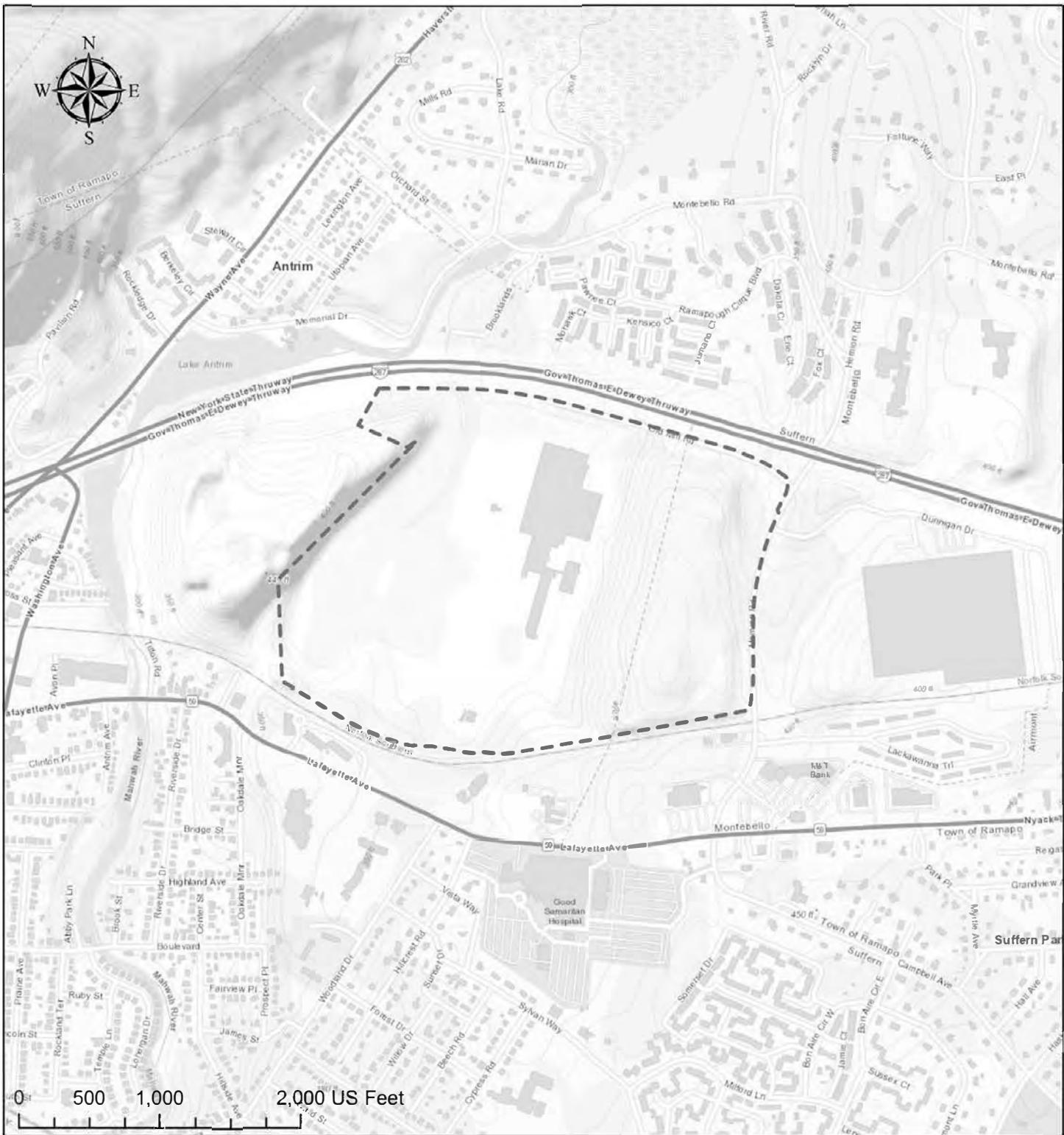
WORK DESCRIPTION

The applicant, IV2 Rockland Logistics Center LLC, has requested Department of the Army authorization for the discharge of fill material into approximately 2.341 acres of waters of the United States, including wetlands, in association with the construction of a warehouse development. The site is located mostly within the footprint of the former Novartis pharmaceutical facility in the Town of Ramapo, Rockland County, New York.

Of the 2.341 acres of proposed fill within waters, approximately 2.230 acres would be within an existing stormwater pond that was part of the Novartis facility. The other 0.111 acres of fill would be within wetlands.

The applicant proposes mitigation in the form of approximately 2.495 acres of wetlands establishment and approximately 0.876 acres of open waters.

The stated purpose of this project is to create warehouses.

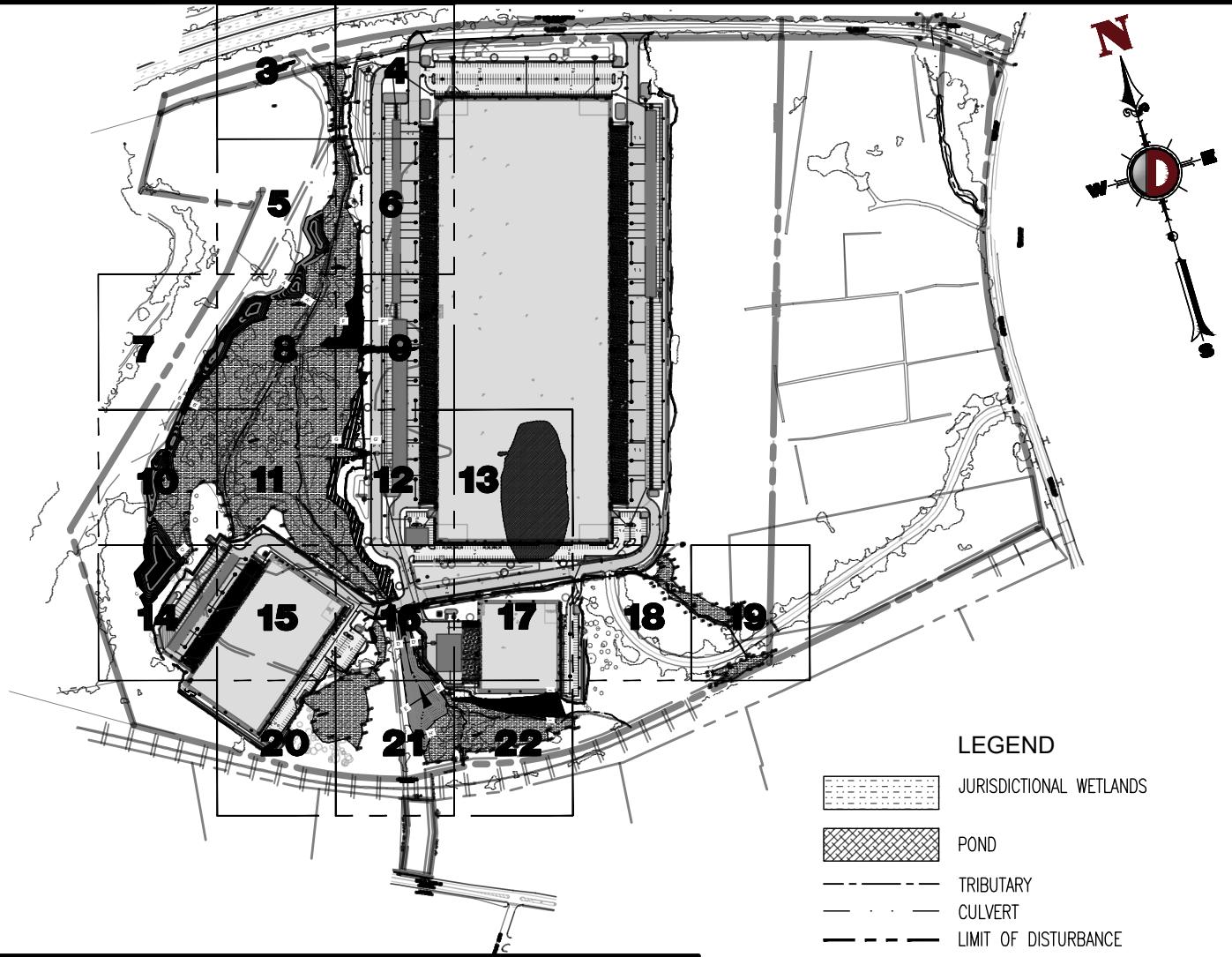


Map Source: State of New Jersey, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA (ArcGIS Pro Contour Basemap)

Site Location Map

Project Site
Latitude: 41.11753
Longitude: -74.135738

Applicant: IV2 Rockland Logistics Center LLC
Location: Suffern, Rockland County, New York
Waterbody: Pond/Wetland Fringe: Wetlands A-F;
Tributaries 1-5; of the Mahwah River



LEGEND

- JURISDICTIONAL WETLANDS
- POND
- TRIBUTARY
- CULVERT
- LIMIT OF DISTURBANCE
- PROPOSED CONTOURS
- EXISTING CONTOURS

DISTURBANCE LEGEND

- WETLANDS DISTURBANCE (3,958.55 SF, 0.091 AC.)
- POND DISTURBANCE (97,131.72 SF, 2.23 AC.)
- CULVERT DISTURBANCE (891.39 SF, 0.021 AC.)

FILL WITHIN WATERS OF THE U.S.

Fill #	Classification	Sq. Ft.	Acres	Sheet No. (X of 40)
1	PF01/SS1Ed	255	0.0059	4
2	PF01/SS1Ed	2,196	0.0504	9
3	PF01/SS1Ed	576	0.0132	9
4	PF01/SS1Ed	300	0.0069	12
5	PUBHx/Open Water	97,132	2.2298	13,17
6	R4UBB	166	0.0038	16
7	PF01/SS1Ed	18	0.0004	16
8	R4UBB	142	0.0033	16
9	R4UBB	309	0.0071	16
10	PF01	220	0.0051	16
11	R4UBB	274	0.0063	18
12	PF01/SS1Ed	34	0.0008	6
13	PF01/SS1Ed	359	0.0082	16
Total		101,981	2.3412	

GRAPHIC SCALE

0 300 600 1200

(IN FEET)

1 INCH = 600FT.

SHEET NO: 2 OF 41

DRAWN BY:	CHECKED BY:	DATE:
ALPH	ZK	04/15/24

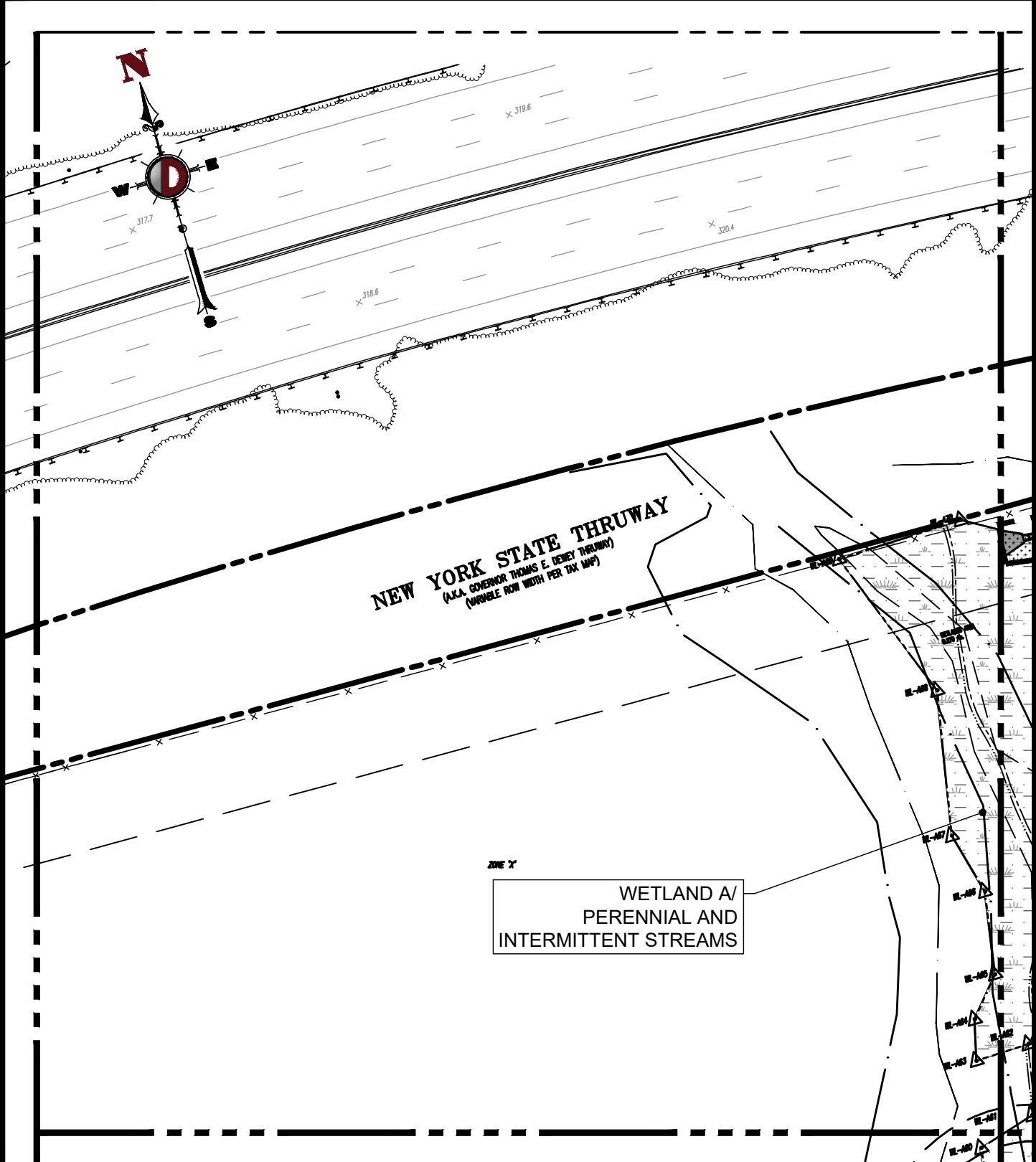
TITLE: ENVIRONMENTAL DISTURBANCE EXHIBIT

PROJECT: IV2 ROCKLAND LOGISTICS, LLC
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD

SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 31
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NY

SCALE: (H) 1"=600'
(V)

JOB No:
3709-99-004

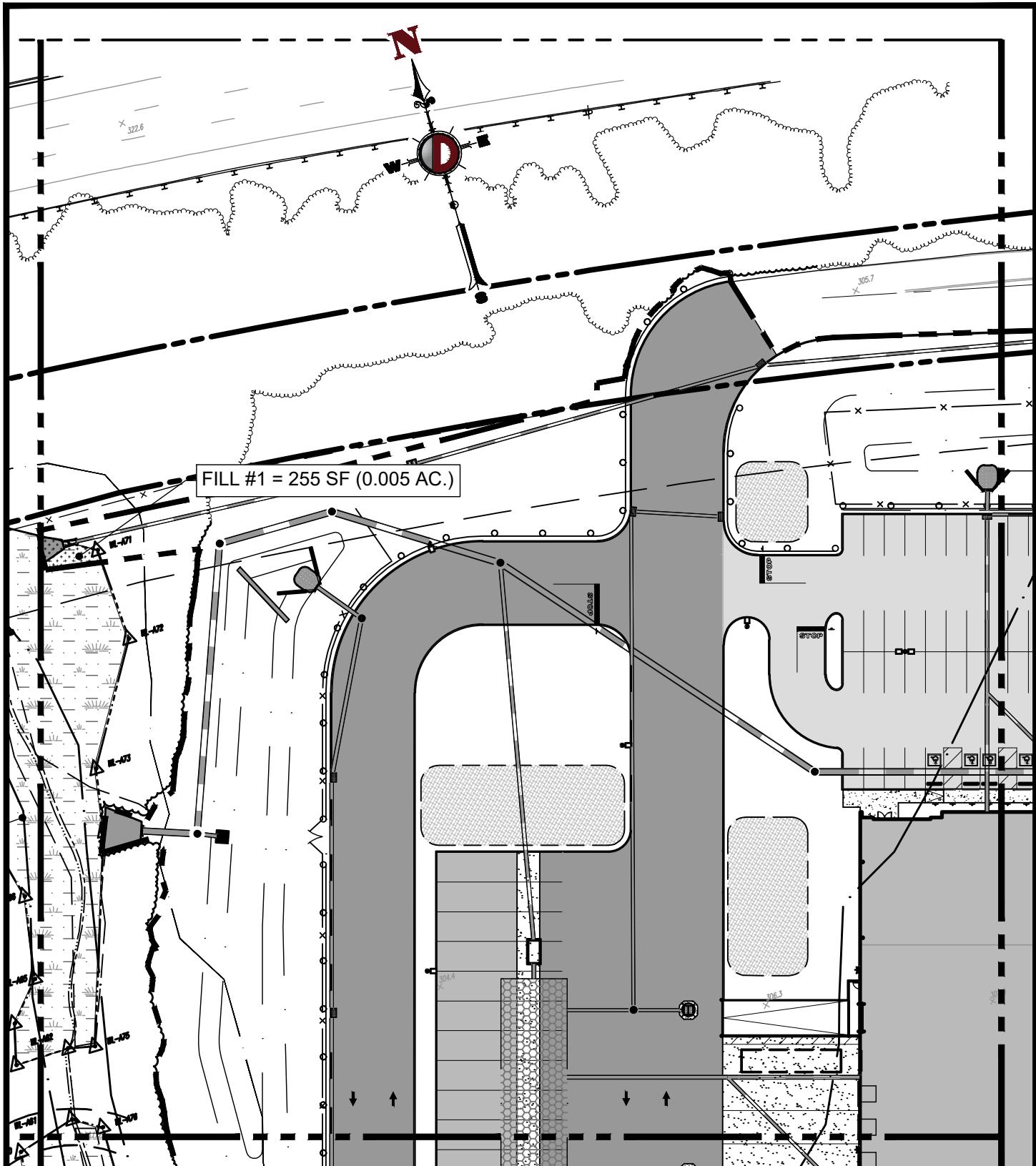


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SHEET NO: 4 OF 41

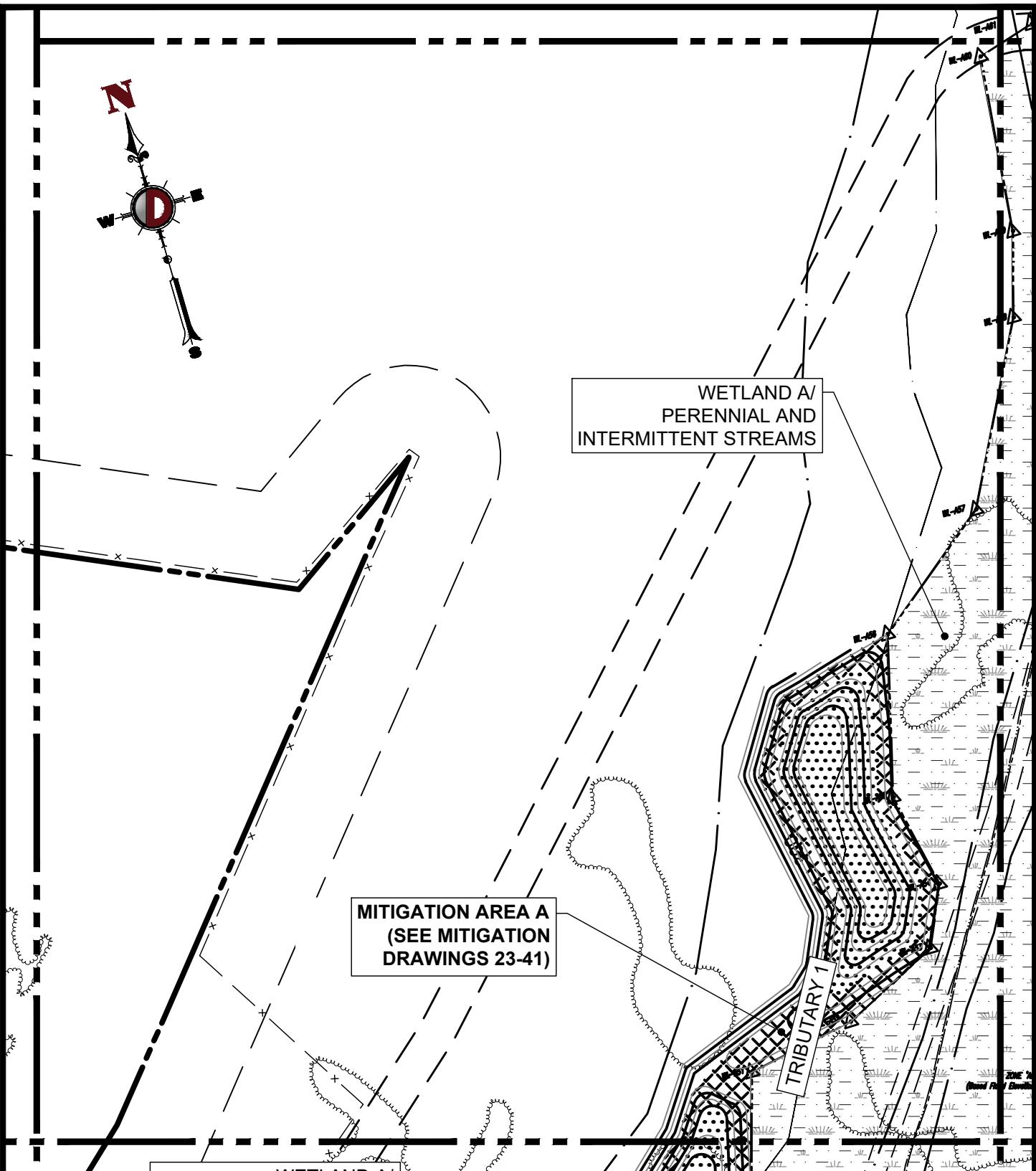
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(IN FEET)
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SHEET NO: 5 OF 41

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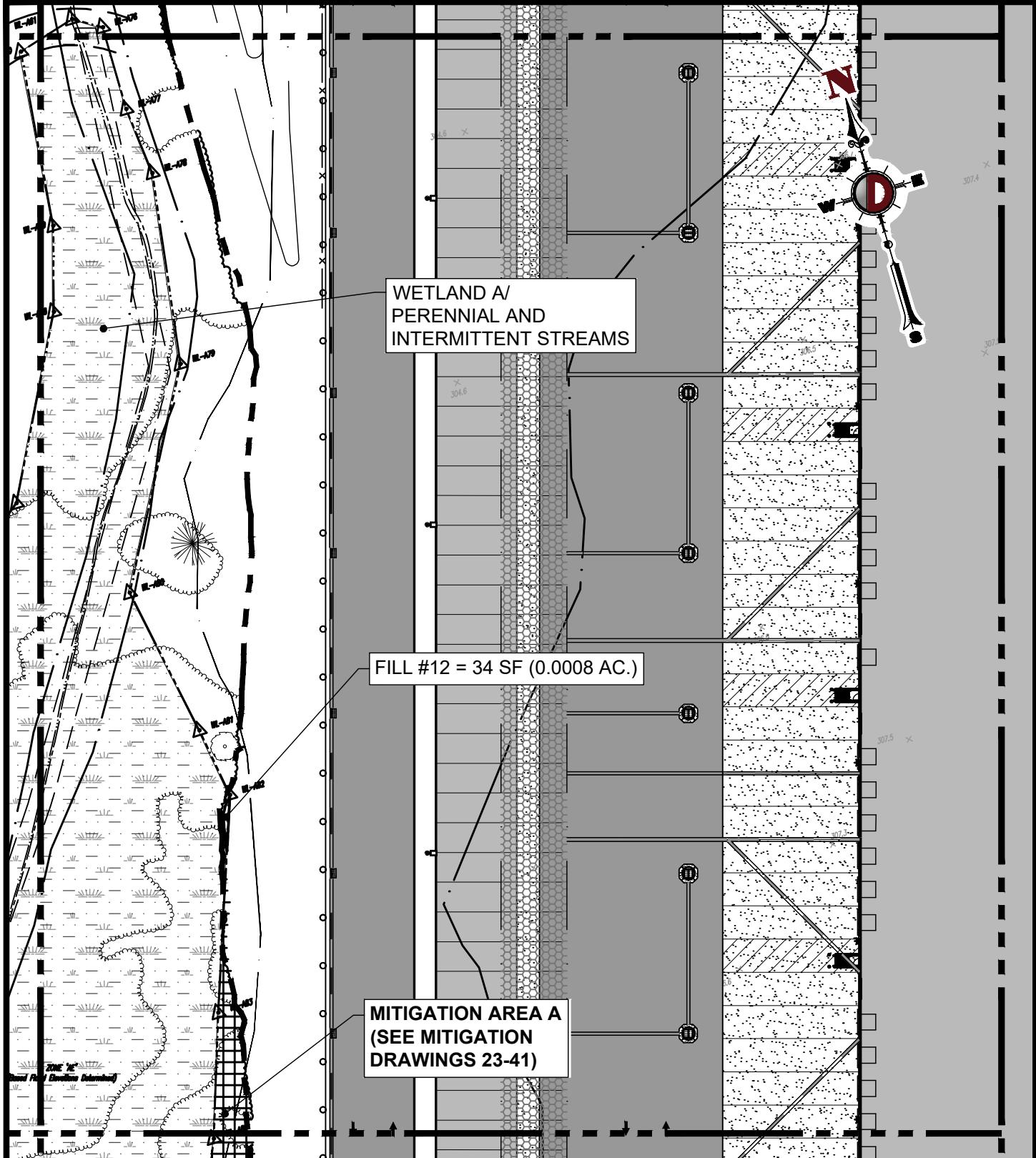
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(IN FEET)
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SHEET NO: 6 OF 41

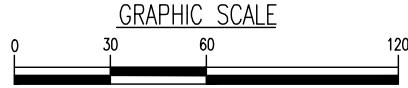
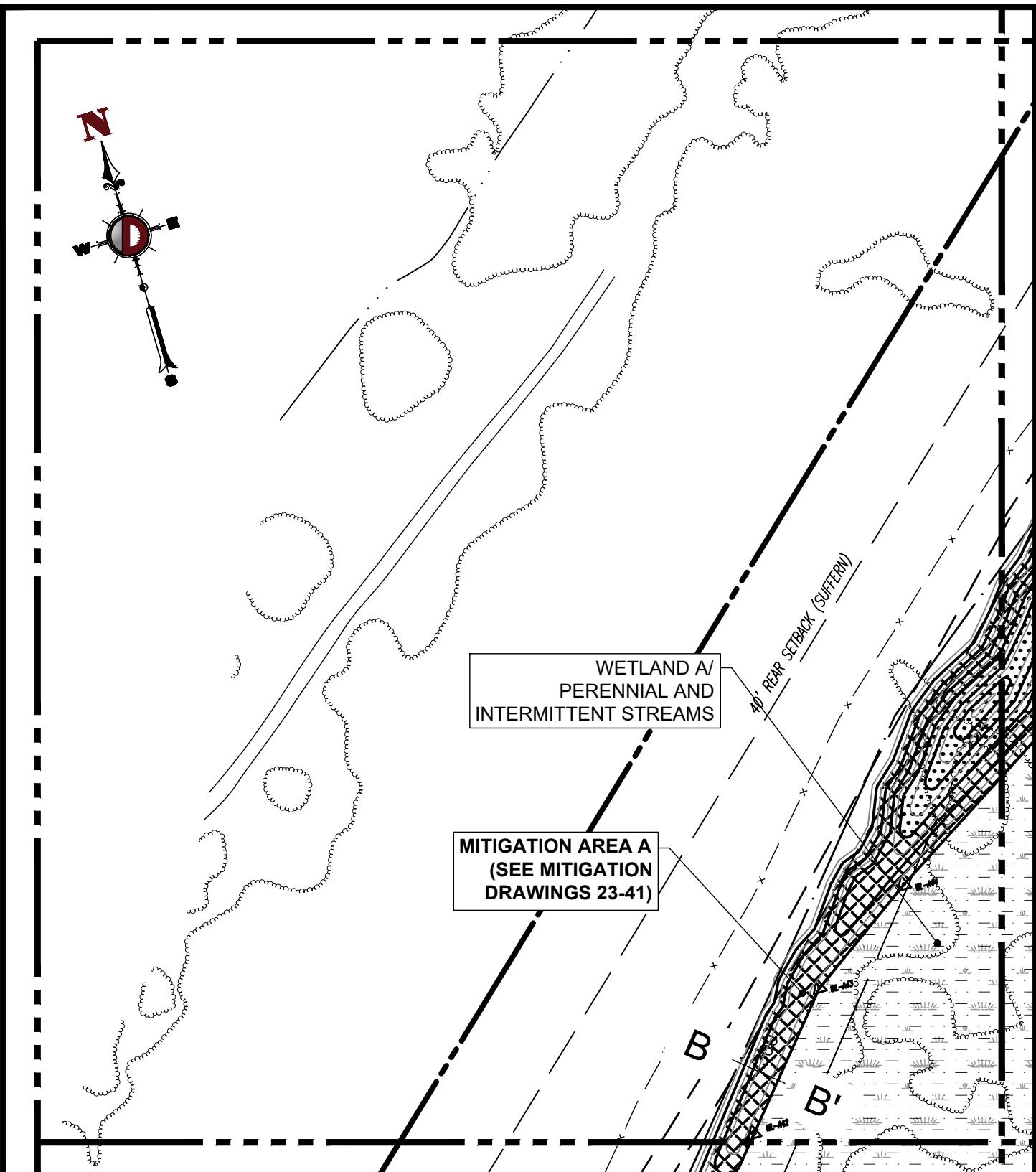
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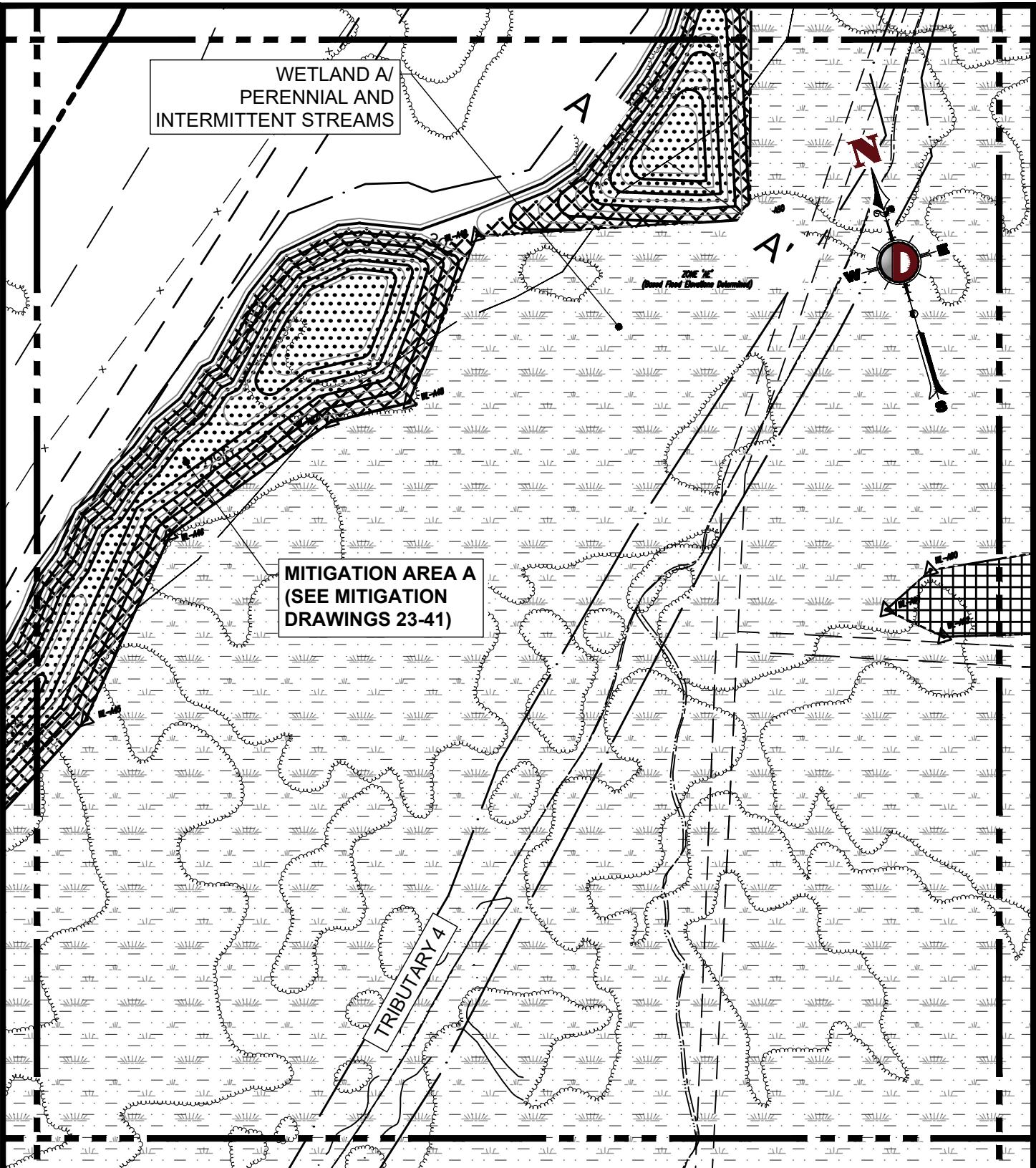
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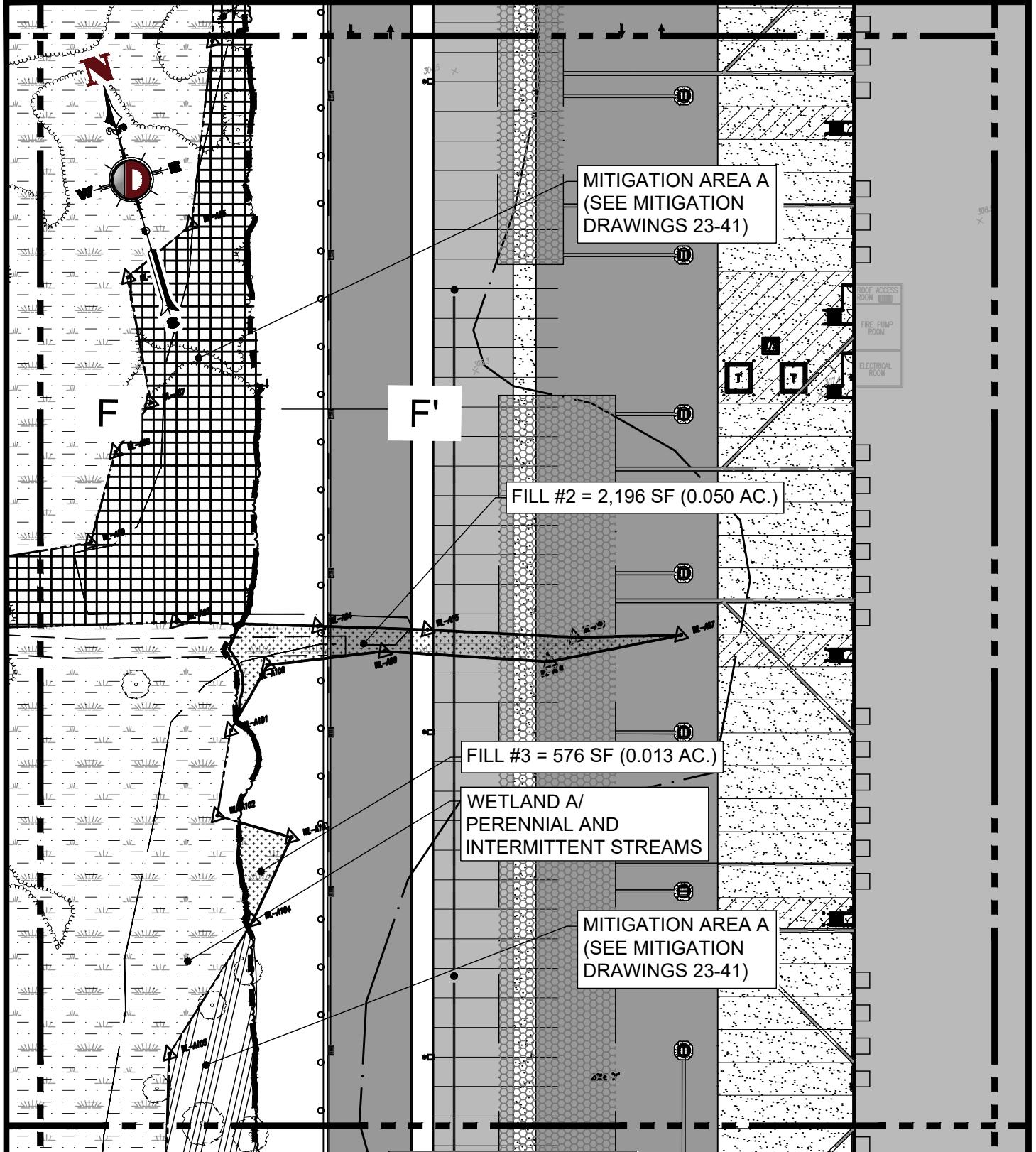
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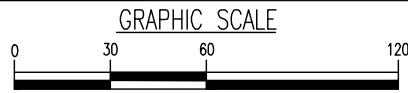
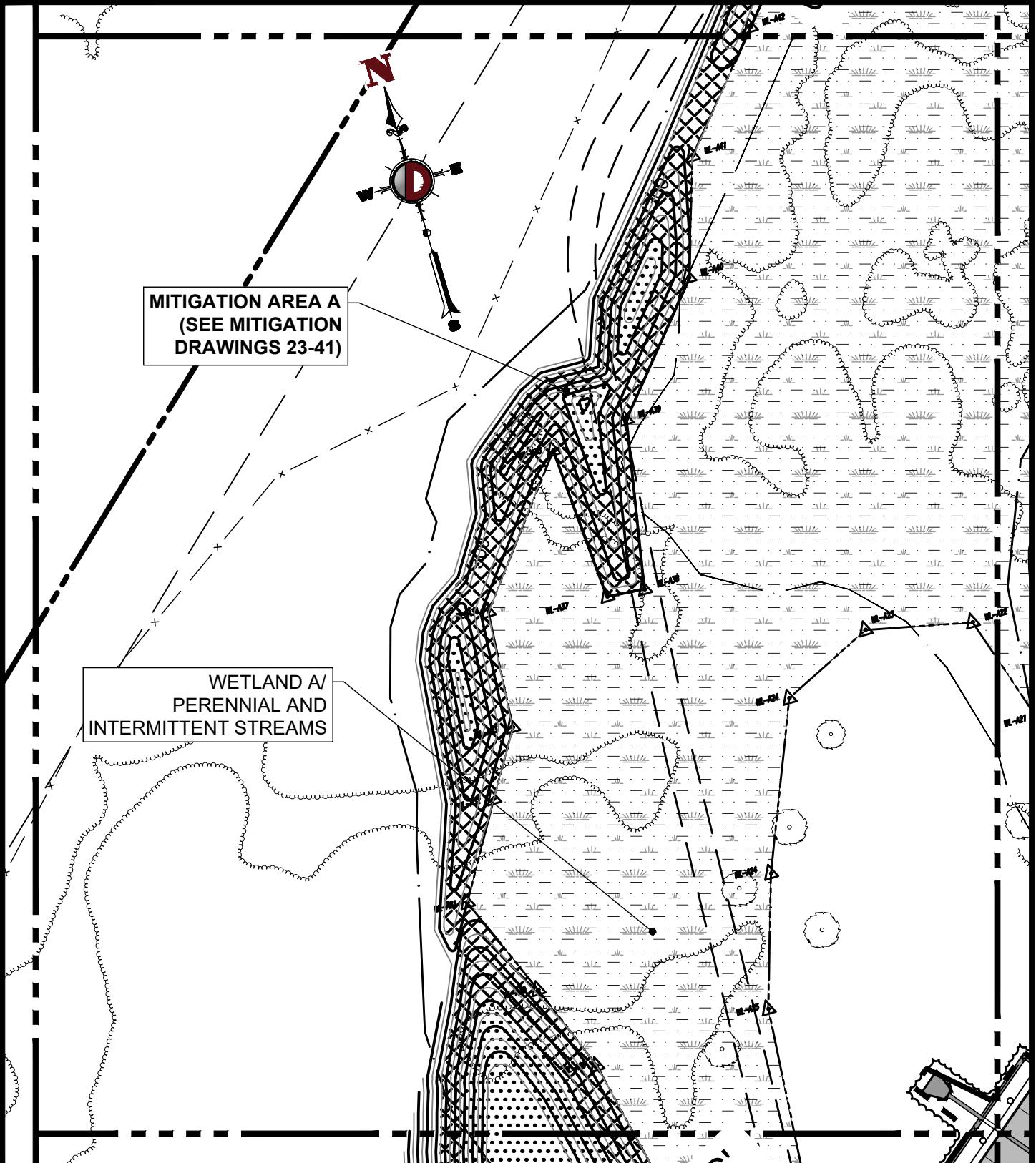
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(IN FEET)
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SHEET NO: 10 OF 41

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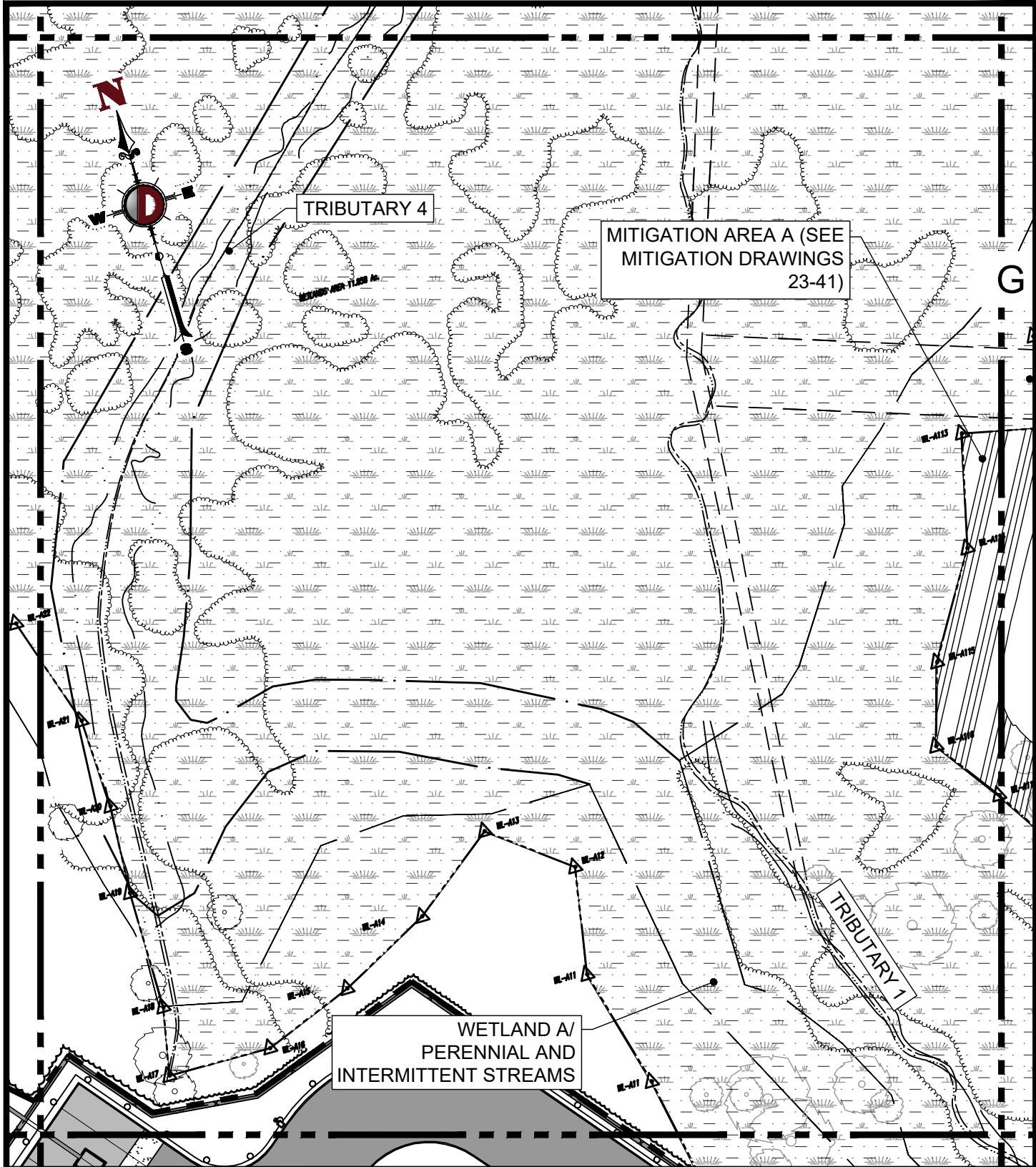
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GRAPHIC SCALE
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(IN FEET)
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SHEET NO: 11 OF 41

DRAWN BY: ALPH	CHECKED BY: ZK	DATE: 04/15/24
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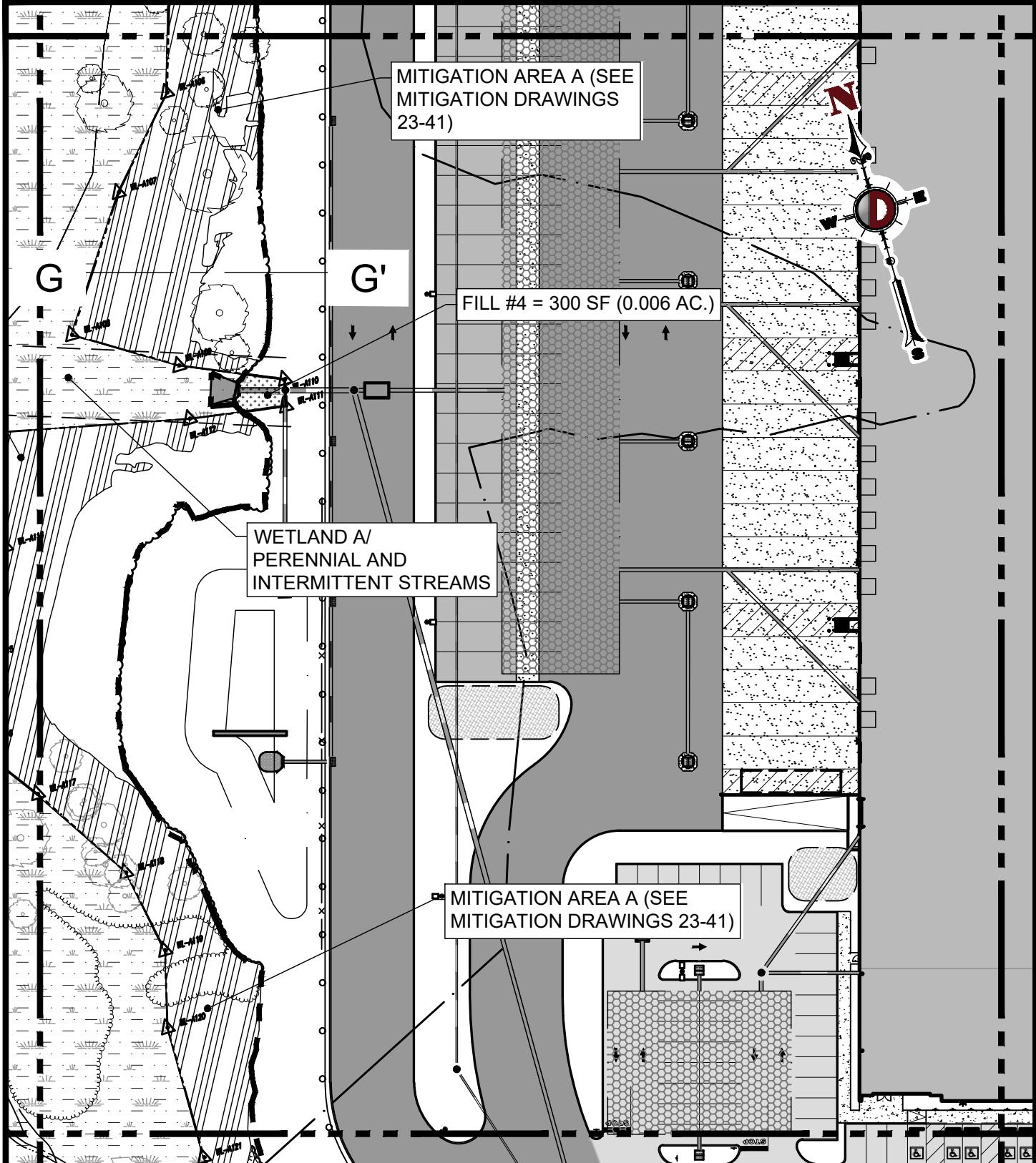
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SHEET NO: 12 OF 41

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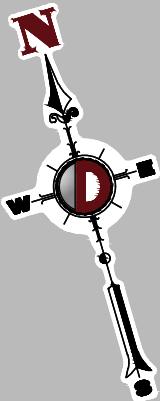
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310.7

310.8

310.0

310.2

FILL #5 = 97,132 SF (2.23 AC.)

EX. POND



(IN FEET)
1 INCH = 60 FT.

SHEET NO: 13 OF 41

DRAWN BY: ALPH	CHECKED BY: ZK	DATE: 04/15/24
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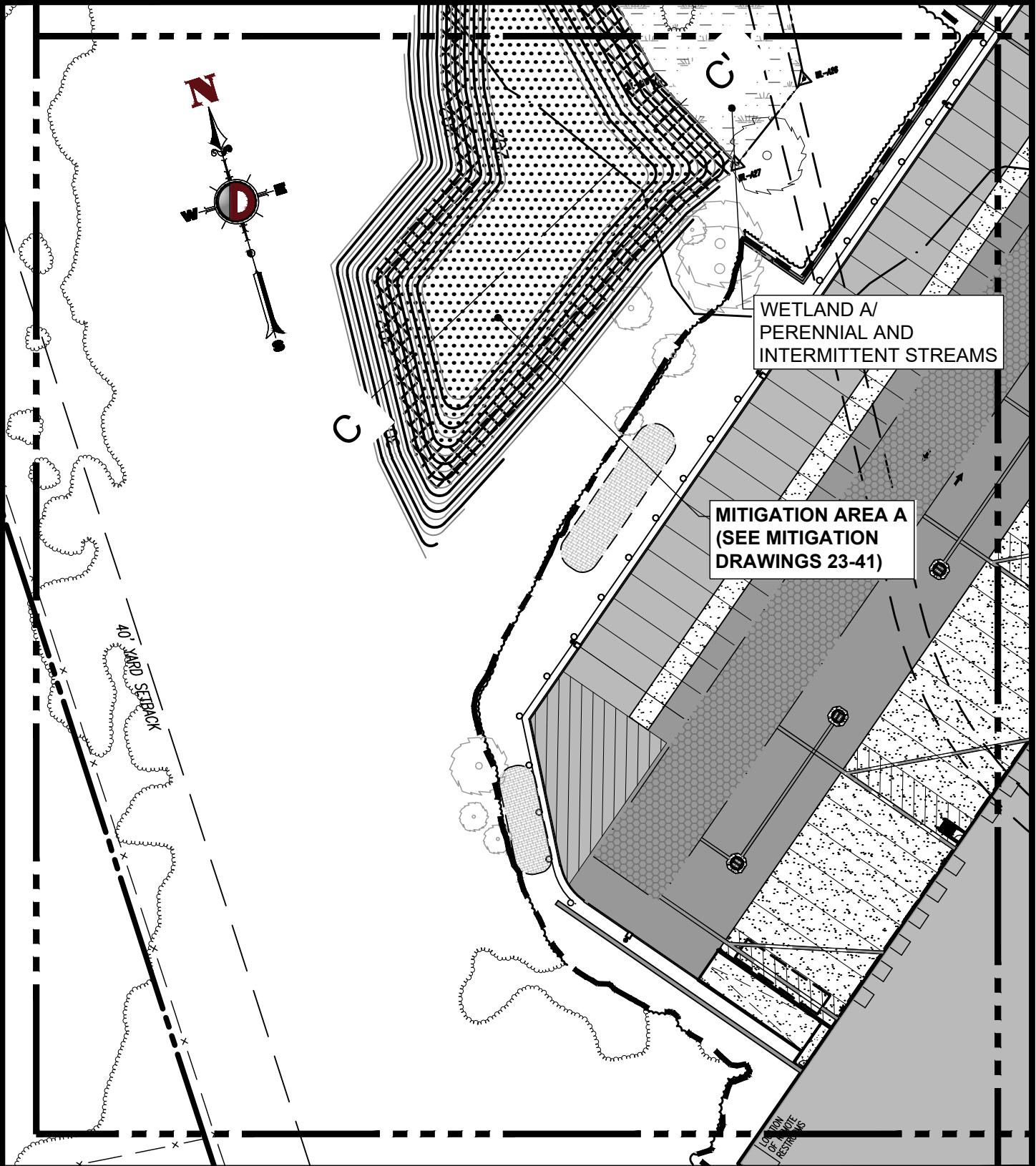
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SHEET NO: 14 OF 41

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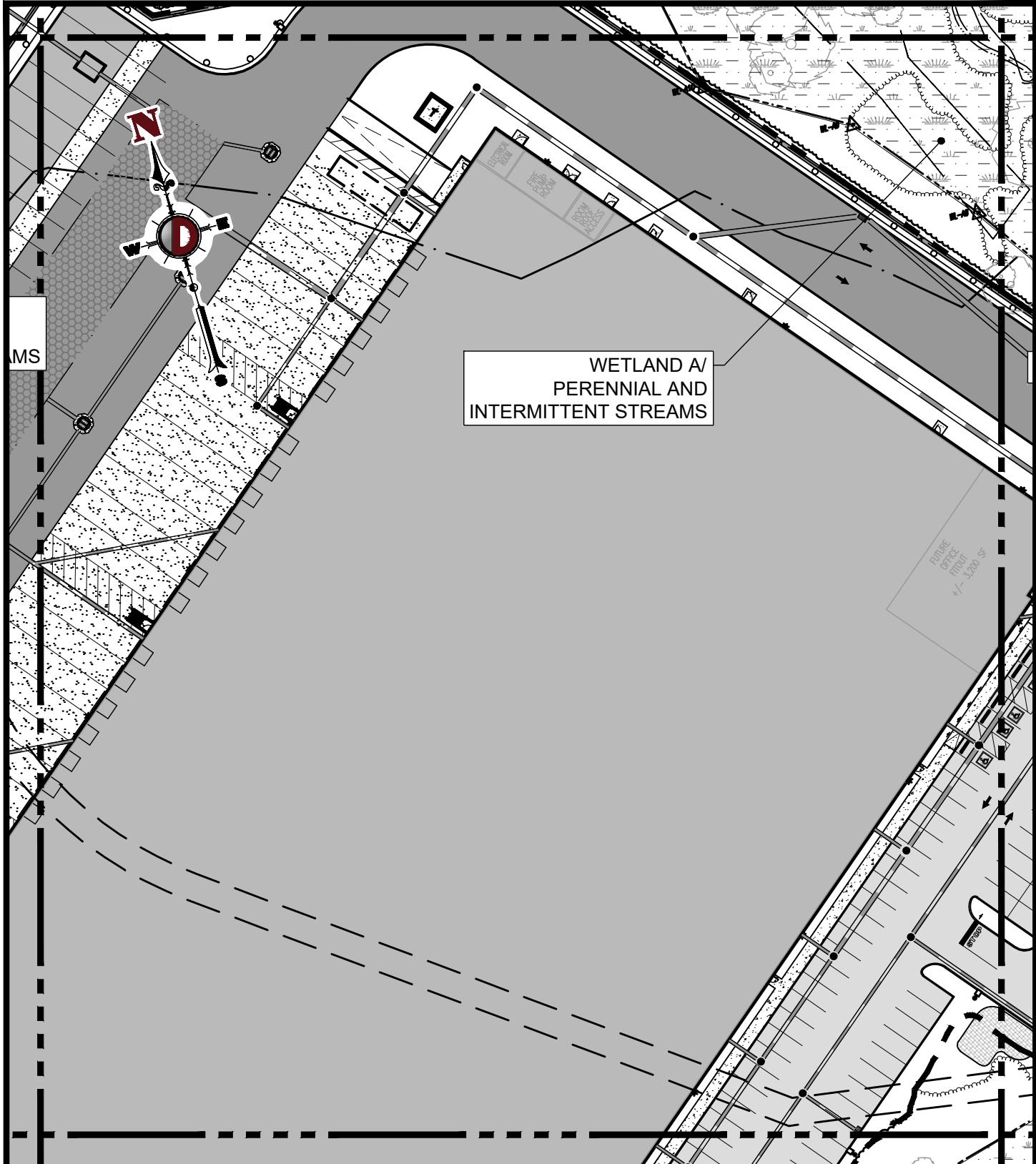
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SHEET NO: 15 OF 41

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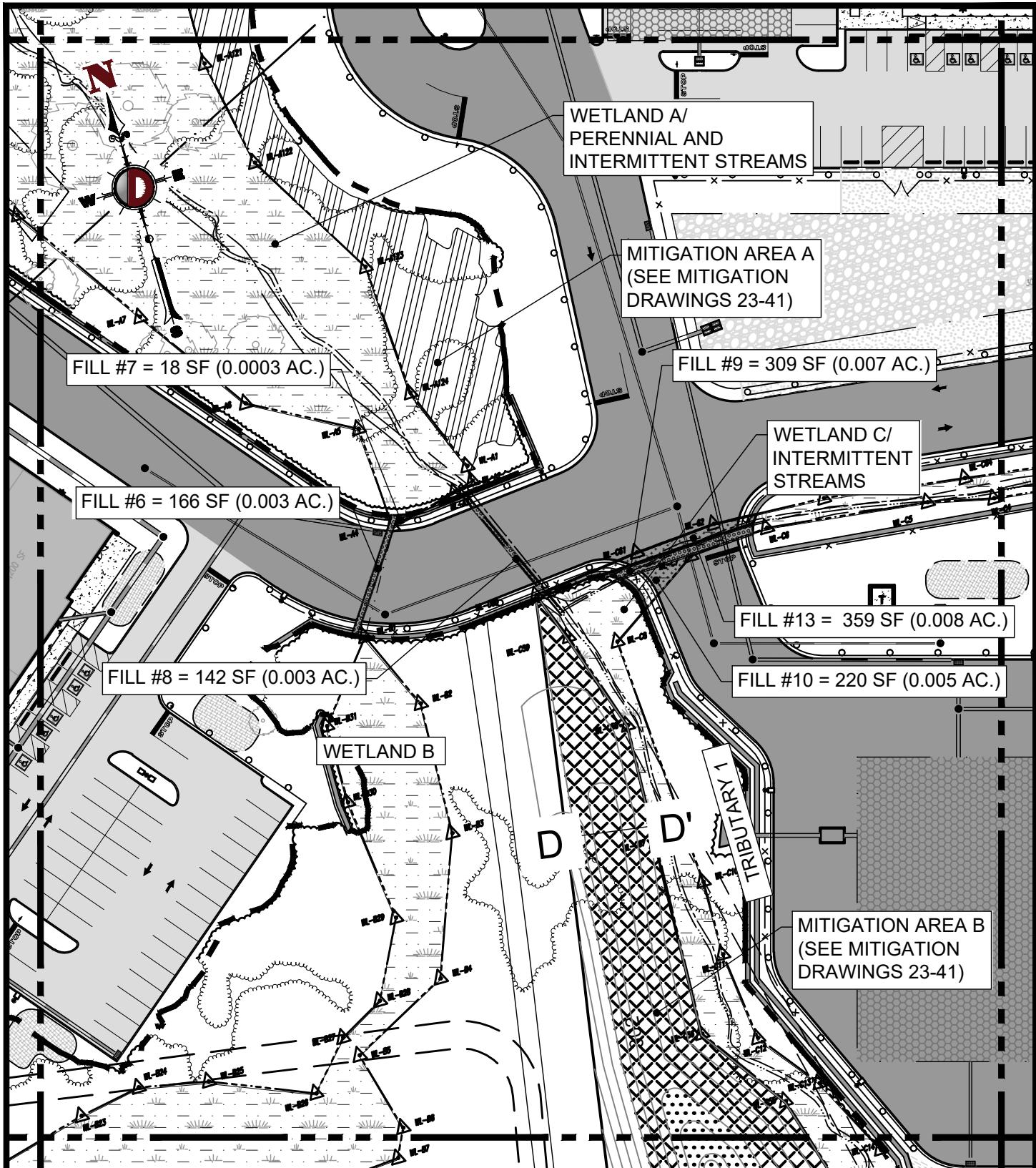
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SHEET NO: 16 OF 41

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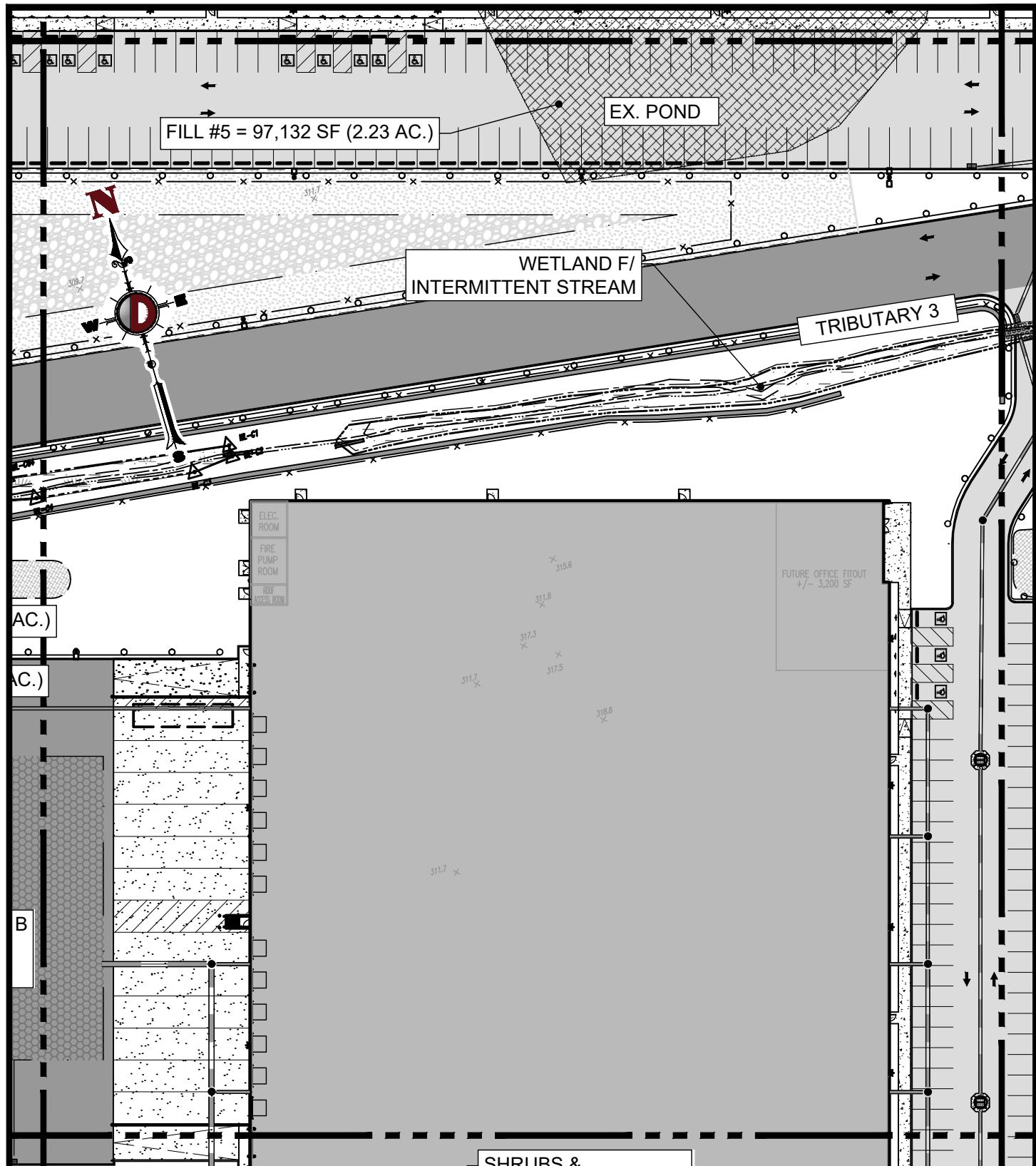
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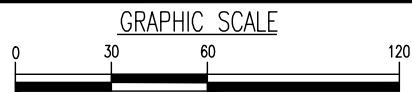
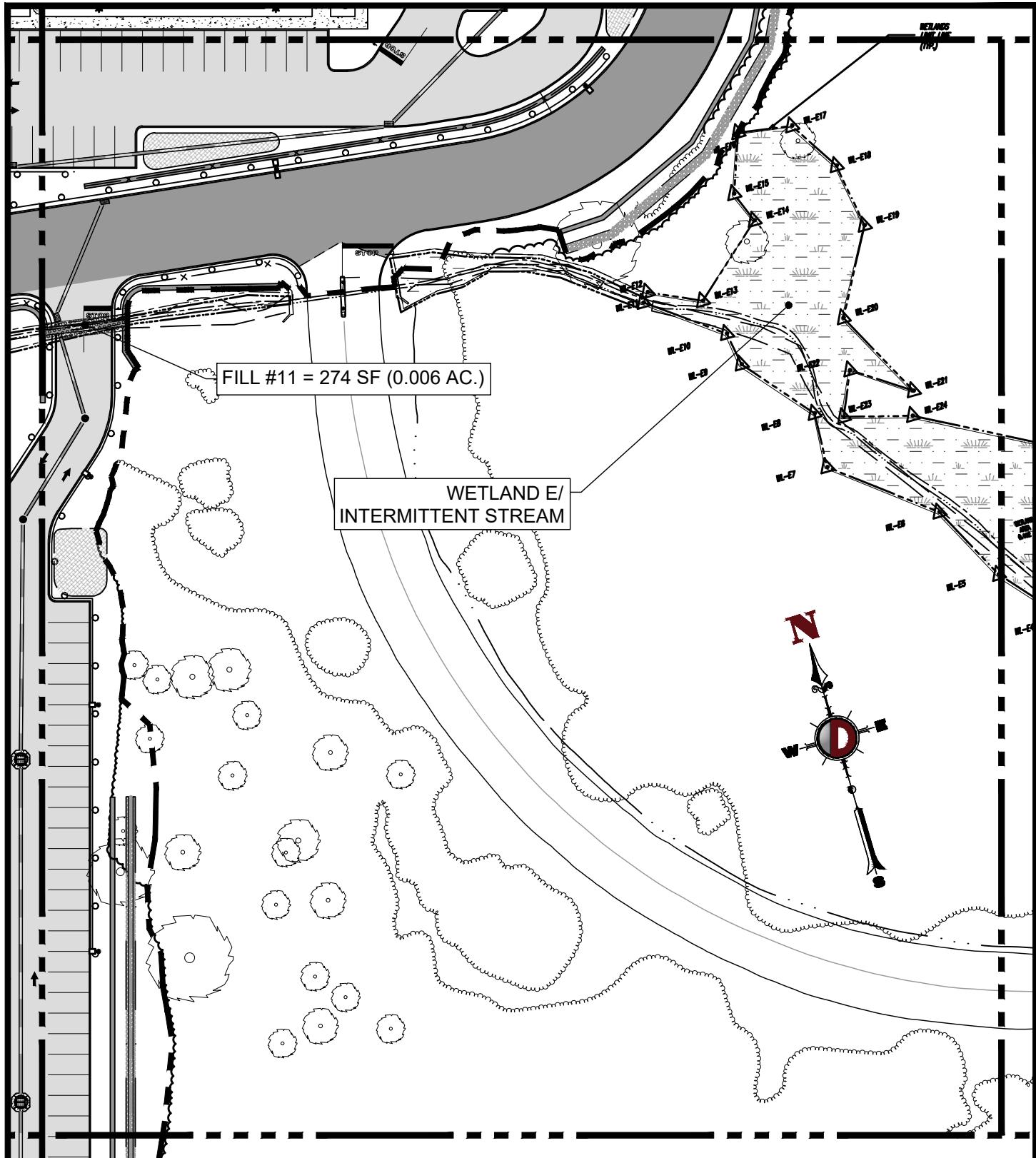
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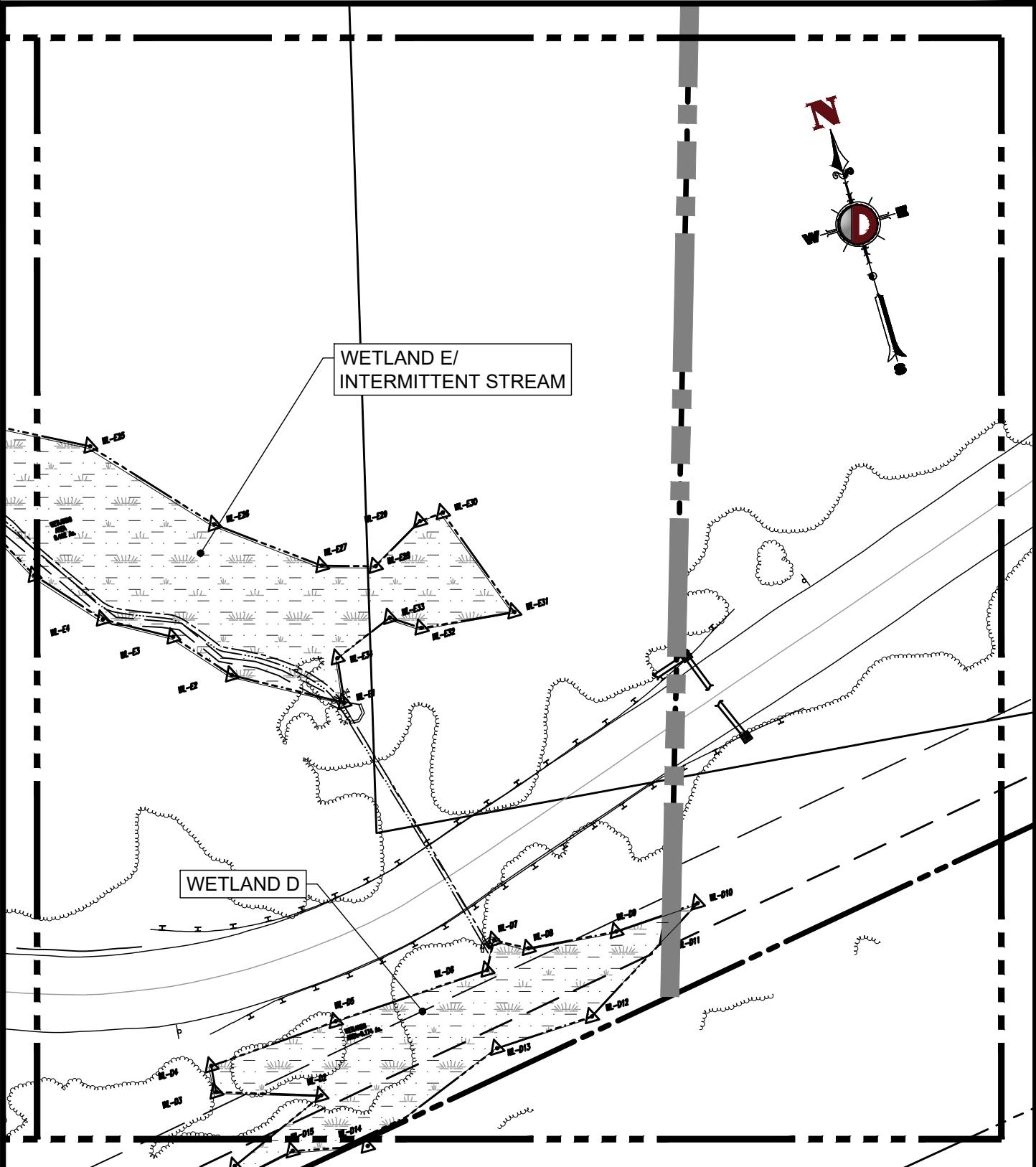
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GRAPHIC SCALE

(IN FEET)

SHEET NO: 19 OF 41

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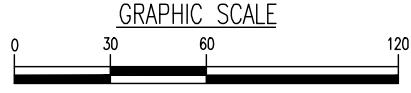
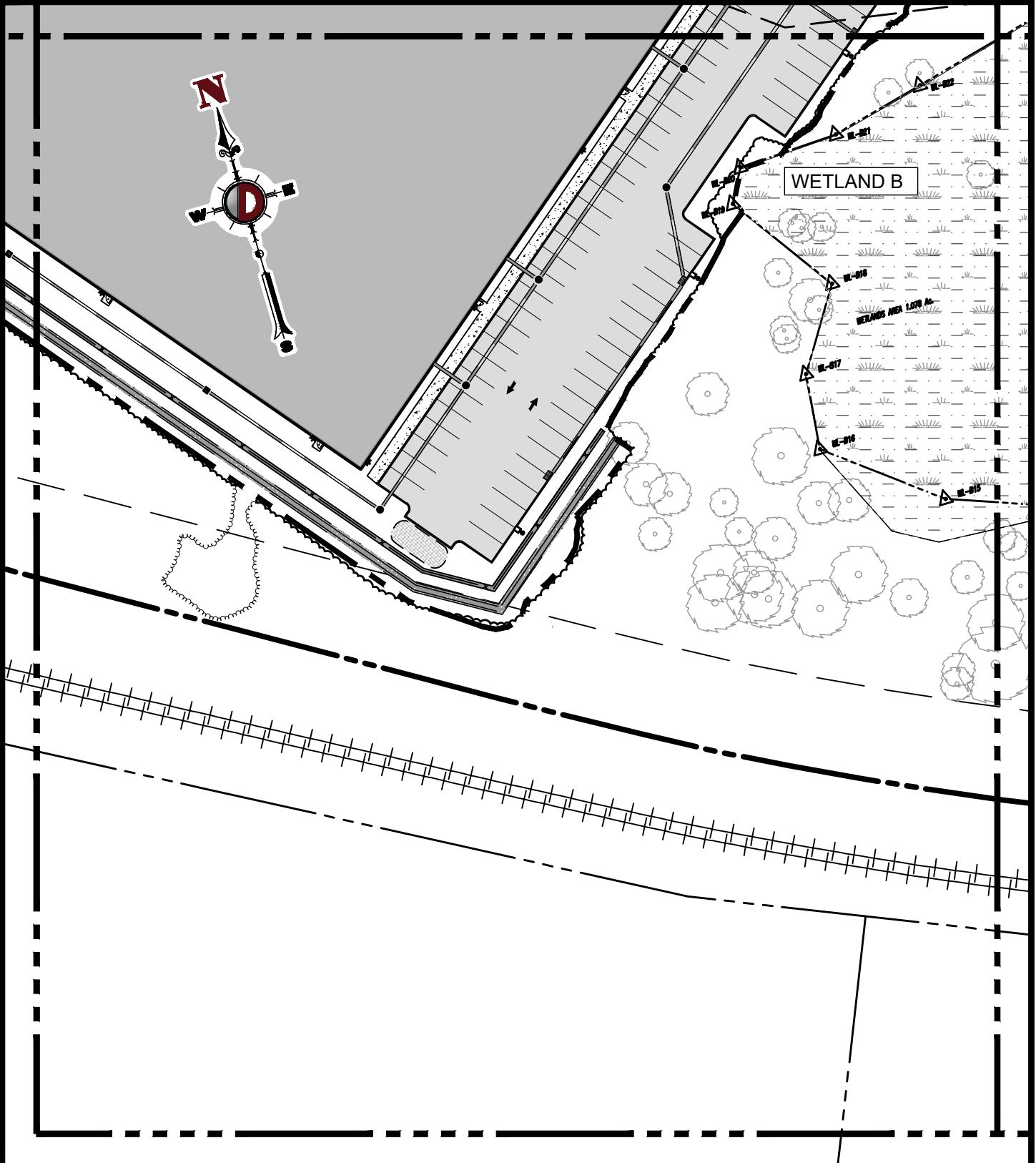
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Plotted: 04/25/24 - 12:06 PM, By: areyes

File: P:\DECPC PROJECTS\3709 Brookfield Properties\99-004 Suffern NY\DWG\Exhibits (Misc)\2023-10-11 Environmental-Site



(IN FEET)
1 INCH = 60 FT.

SHEET NO: 20 OF 41

DRAWN BY: ALPH	CHECKED BY: ZK	DATE: 04/15/24
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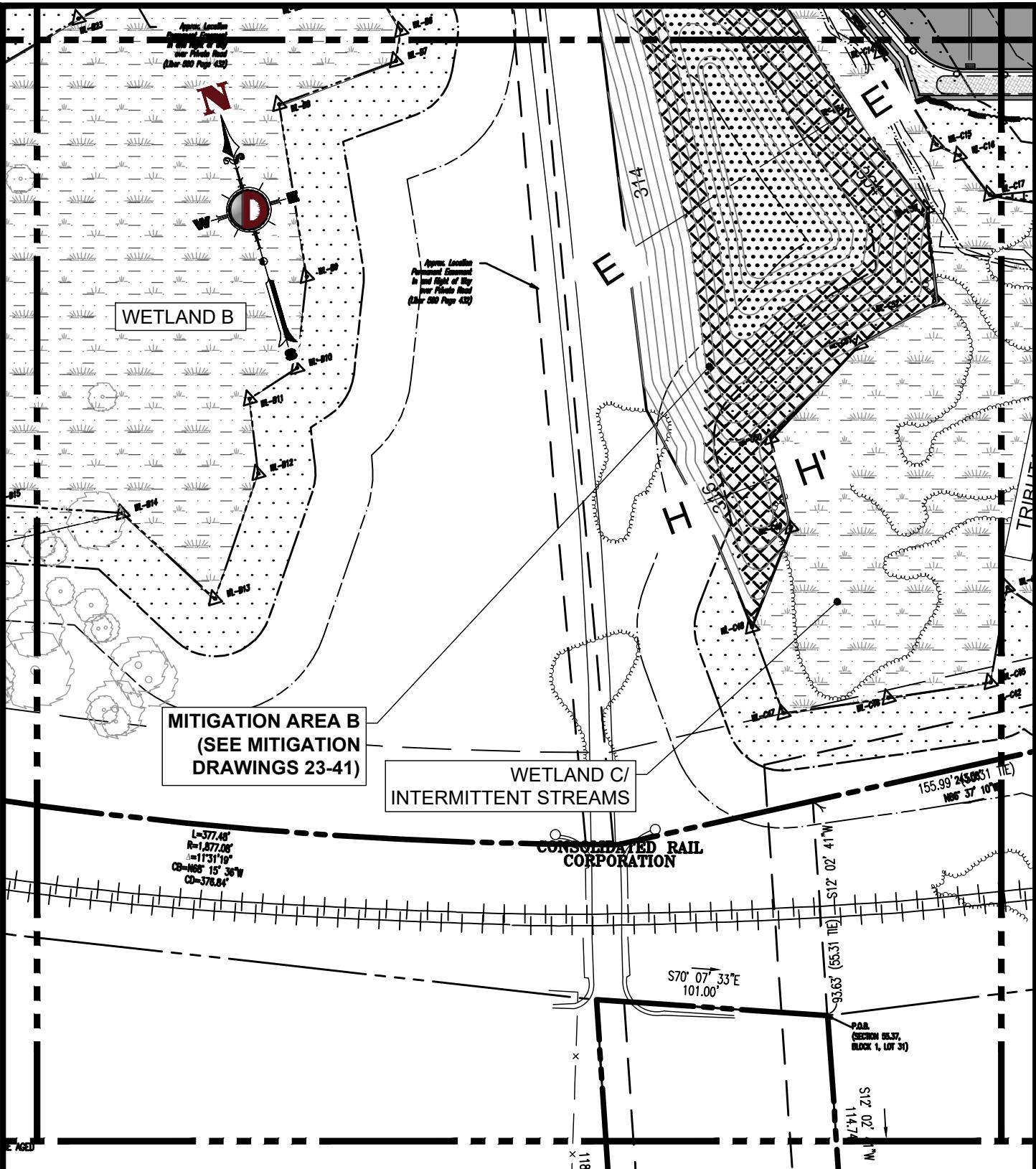
TITLE:

ENVIRONMENTAL DISTURBANCE EXHIBIT

PROJECT: IV2 ROCKLAND LOGISTICS, LLC
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD
SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 31
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NY

SCALE: (H) 1"=60'
(V)

JOB No:
3709-99-004



GRAPHIC SCALE
0 30 60 120

(IN FEET)
1 INCH = 60 FT.

SHEET NO: 21 OF 41

DRAWN BY: ALPH CHECKED BY: ZK DATE: 04/15/24

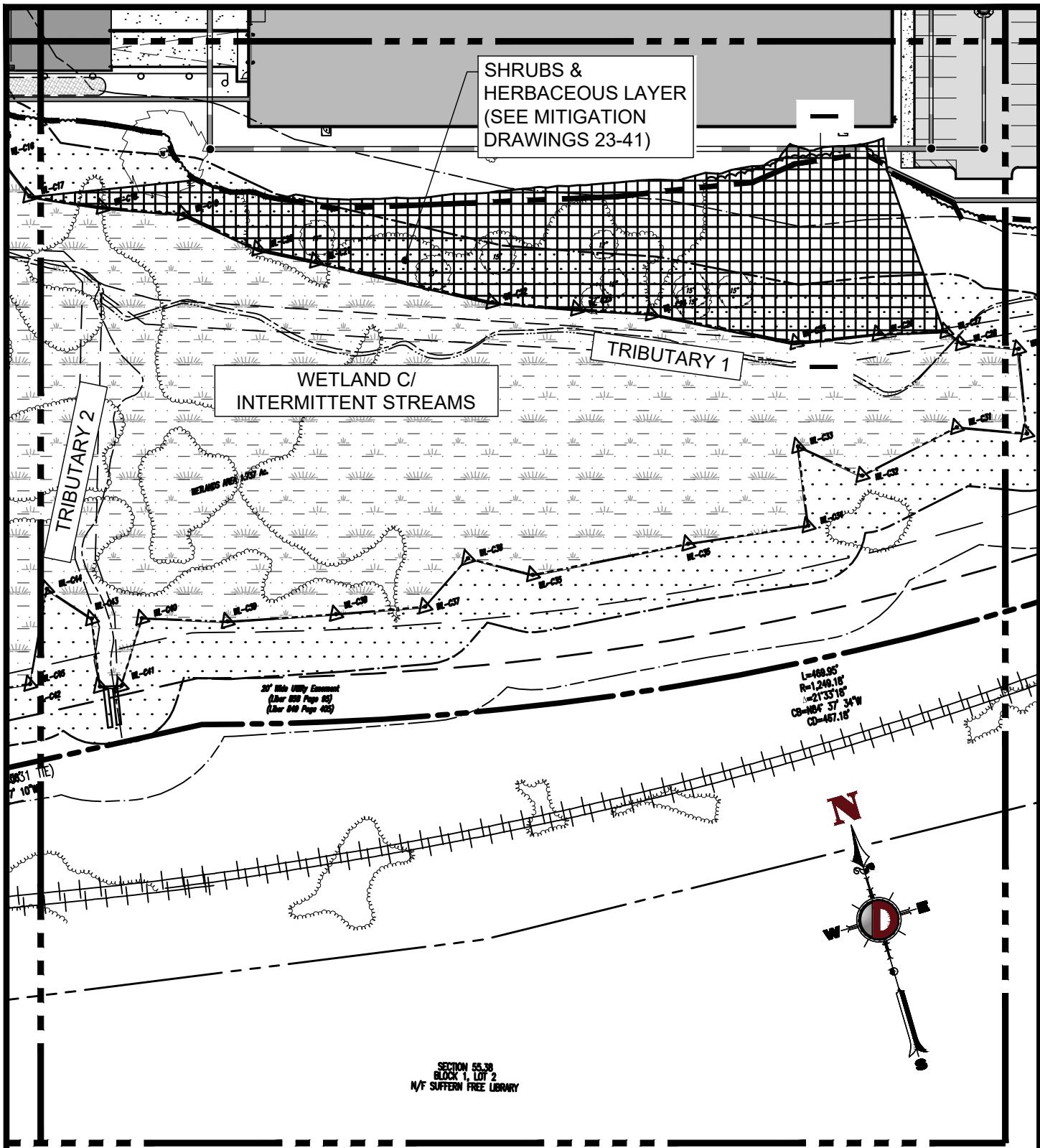
TITLE:

ENVIRONMENTAL DISTURBANCE EXHIBIT

PROJECT: IV2 ROCKLAND LOGISTICS, LLC
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD
SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 31
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NY

SCALE: (H) 1"=60'
(V)

JOB No:
3709-99-004



GRAPHIC SCALE
0 30 60 120

(IN FEET)
1 INCH = 60 FT.

SHEET NO: 22 OF 41

DRAWN BY: ALPH	CHECKED BY: ZK	DATE: 04/15/24
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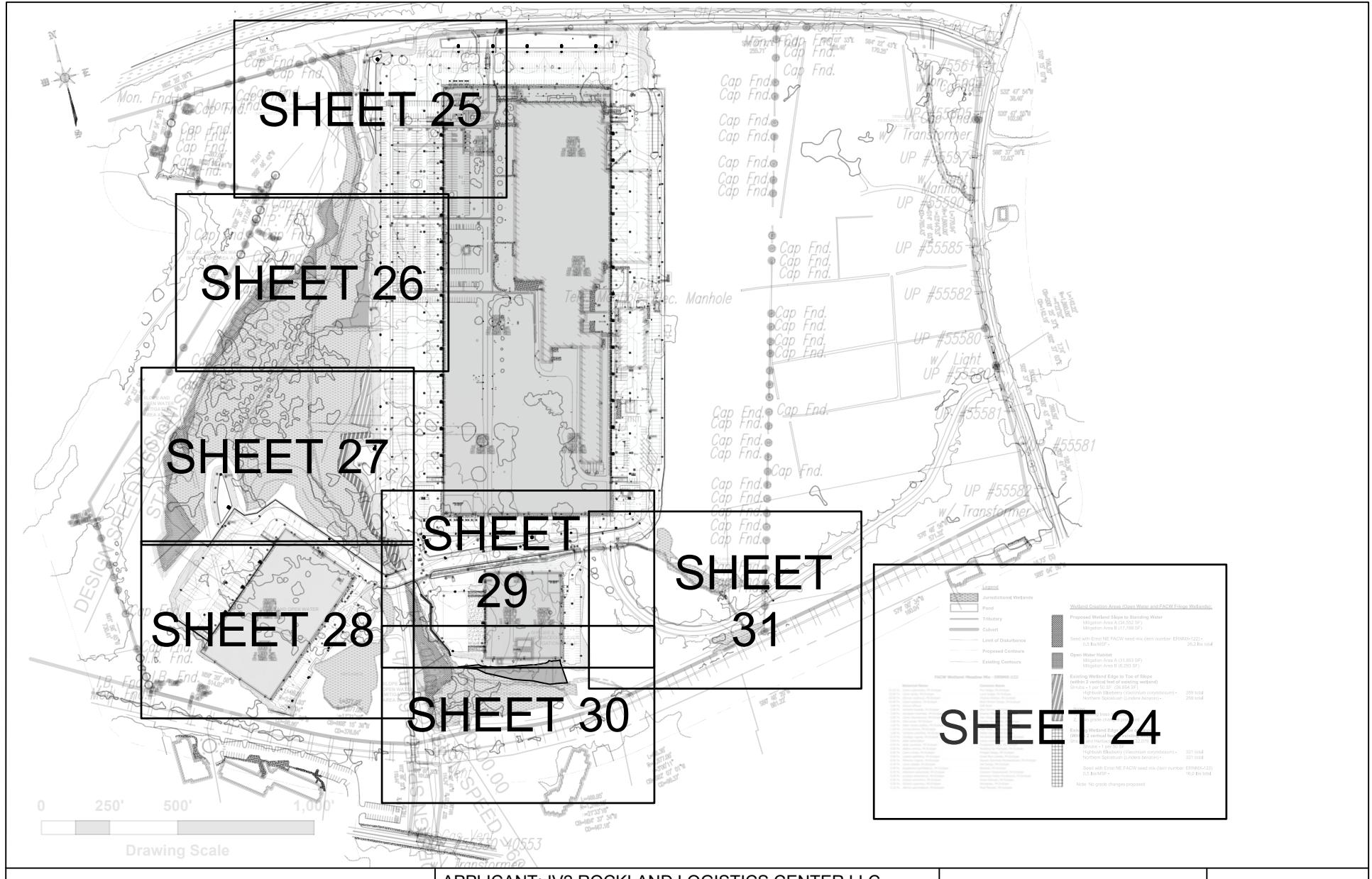
TITLE:

ENVIRONMENTAL DISTURBANCE EXHIBIT

PROJECT: IV2 ROCKLAND LOGISTICS, LLC
PROPOSED INDUSTRIAL PARK AT 25 OLD MILL ROAD
SECTION 55.22 BLOCK 1, LOT 1; SECTION 55.37, BLOCK 1, LOT 31
OLD MILL ROAD AND HEMION ROAD (CR 93)
VILLAGE OF SUFFERN, ROCKLAND COUNTY, NY

SCALE: (H) 1"=60'
(V)

JOB No:
3709-99-004



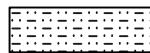
SHEET 23 OF 41
MITIGATION PLAN - INDEX

APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC
LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK
WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F;
TRIBUTARIES 1-5; OF THE MAHWAH RIVER

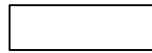
3/15/2024
REVISED 4/22/2024



Legend



Jurisdictional Wetlands



Pond



Tributary



Culvert



Limit of Disturbance



Proposed Contours



Existing Contours

FACW Wetland Meadow Mix - ERNMX-122

Botanical Name

23.20 %	<i>Carex vulpinoidea</i> , PA Ecotype
22.00 %	<i>Carex liriod</i> , PA Ecotype
20.00 %	<i>Elymus virginicus</i> , PA Ecotype
14.00 %	<i>Carex scoparia</i> , PA Ecotype
3.00 %	<i>Juncus effusus</i>
3.00 %	<i>Verbena hastata</i> , PA Ecotype
2.00 %	<i>Asclepias incarnata</i> , PA Ecotype
2.00 %	<i>Carex intumescens</i> , PA Ecotype
2.00 %	<i>Zizia aurea</i> , PA Ecotype
1.00 %	<i>Aster novae-angliae</i> , PA Ecotype
1.00 %	<i>Juncus tenuis</i> , PA Ecotype
1.00 %	<i>Verbena urticifolia</i> , PA Ecotype
0.70 %	<i>Solidago rugosa</i> , PA Ecotype
0.50 %	<i>Aster lanceolatus</i>
0.50 %	<i>Aster puniceus</i> , PA Ecotype
0.50 %	<i>Bidens cernua</i> , PA Ecotype
0.50 %	<i>Carex crinita</i> , PA Ecotype
0.50 %	<i>Lobelia siphilitica</i> , PA Ecotype
0.50 %	<i>Mimulus ringens</i> , PA Ecotype
0.40 %	<i>Carex stipata</i> , PA Ecotype
0.40 %	<i>Eupatorium perfoliatum</i> , PA Ecotype
0.30 %	<i>Helenium autumnale</i> , PA Ecotype
0.30 %	<i>Lycopus americanus</i> , PA Ecotype
0.30 %	<i>Scirpus atrovirens</i> , PA Ecotype
0.30 %	<i>Scirpus cyperinus</i> , PA Ecotype
0.10 %	<i>Alisma subcordatum</i> , PA Ecotype

Common Name

Fox Sedge, PA Ecotype
Lurid Sedge, PA Ecotype
Virginia Wildrye, PA Ecotype
Blunt Broom Sedge, PA Ecotype
Soft Rush
Blue Vervain, PA Ecotype
Swamp Milkweed, PA Ecotype
Star Sedge, PA Ecotype
Golden Alexanders, PA Ecotype
New England Aster, PA Ecotype
Path Rush, PA Ecotype
White Vervain, PA Ecotype
Wrinkleleaf Goldenrod, PA Ecotype
Lance Leaved Aster
Purplestem Aster, PA Ecotype
Nodding Bur Marigold, PA Ecotype
Fringed Sedge, PA Ecotype
Great Blue Lobelia, PA Ecotype
Square Stemmed Monkeyflower, PA Ecotype
Avi Sedge, PA Ecotype
Boneset, PA Ecotype
Common Sneezeweed, PA Ecotype
American Water Horehound, PA Ecotype
Green Bulrush, PA Ecotype
Woolgrass, PA Ecotype
Mud Plantain, PA Ecotype

Wetland Creation Areas (Open Water and FACW Fringe Wetlands):

Proposed Wetland Slope to Standing Water

Mitigation Area A (34,552 SF)

Mitigation Area B (17,788 SF)

Seed with Ernst NE FACW seed mix (item number: ERNMX-122) -
0.5 lbs/MSF - 26.2 lbs total



Open Water Habitat

Mitigation Area A (31,853 SF)

Mitigation Area B (6,293 SF)

Existing Wetland Edge Extended to Toe of Slope

Shrubs - 1 per 50 SF (27,119 SF)

Highbush Blueberry (*Vaccinium corymbosum*) - 271 total

Northern Spicebush (*Lindera benzoin*) - 271 total

Notes:

1. Existing trees to remain

Existing Wetland Edge Extended to Toe of Slope

Shrubs and Herbaceous Layer (29,227 SF)

Shrubs - 1 per 50 SF

Highbush Blueberry (*Vaccinium corymbosum*) - 293 total

Northern Spicebush (*Lindera benzoin*) - 292 total

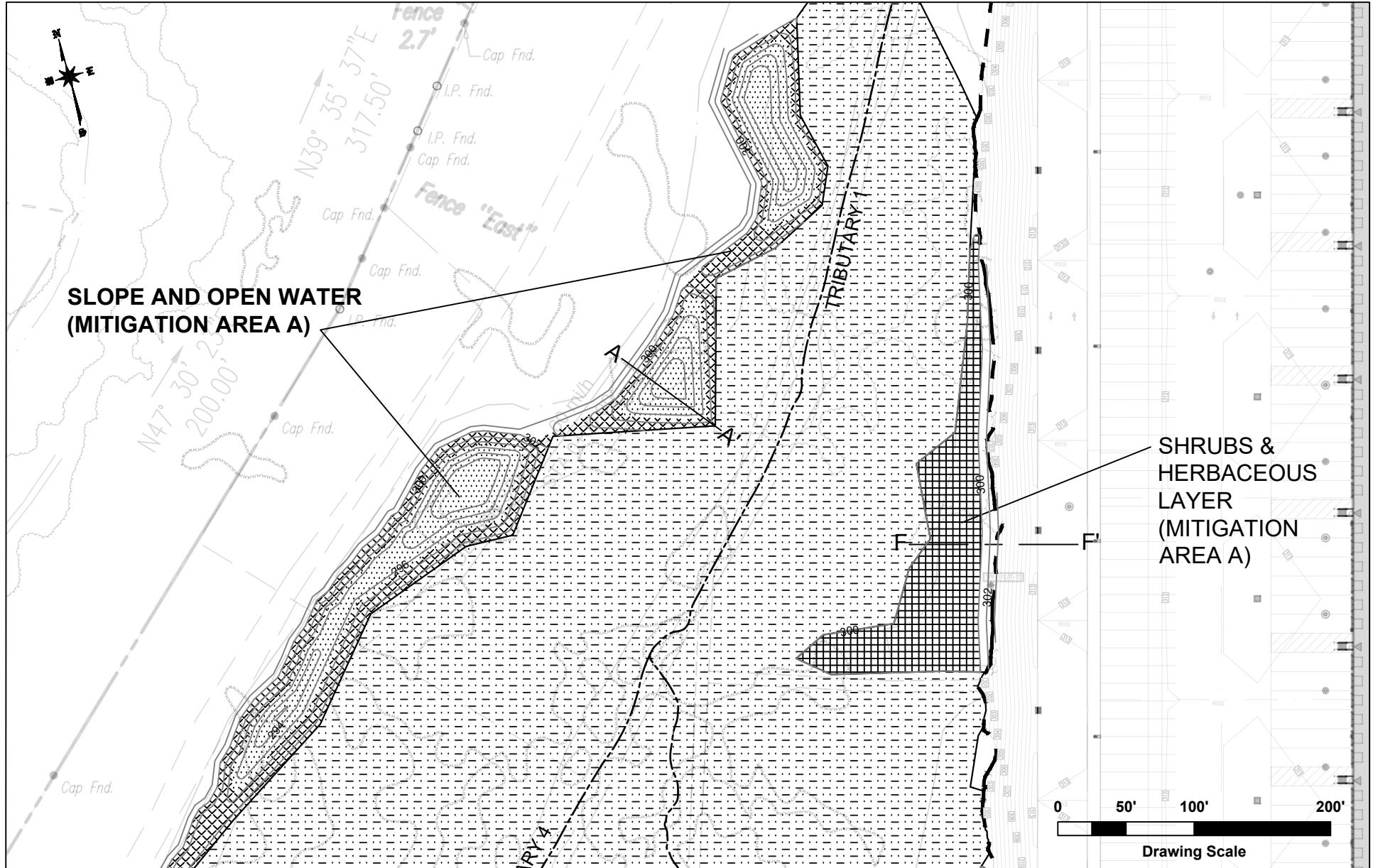


Seed with Ernst NE FACW seed mix (item number: ERNMX-122)

0.5 lbs/MSF - 14.6 lbs total



SHEET 25 OF 41 MITIGATION PLAN	APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F; TRIBUTARIES 1-5; OF THE MAHWAH RIVER	3/15/2024 REVISED 4/22/2024	CAPITAL ENVIRONMENTAL CONSULTANTS, INC. 240 FAIR STREET SUITE 100 KINGSTON, NY 12401
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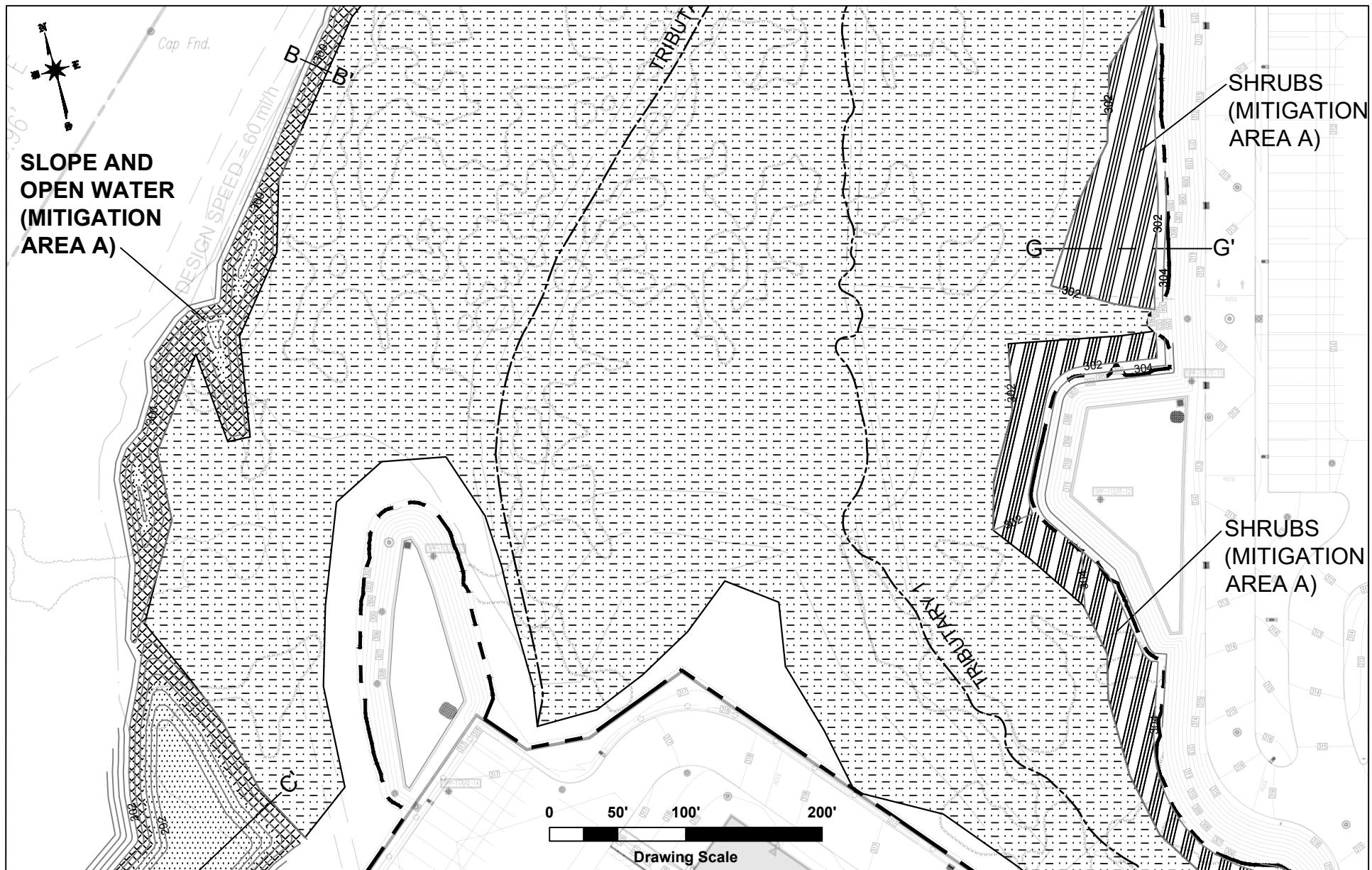


SHEET 26 OF 41
 MITIGATION PLAN

APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC
 LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK
 WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F;
 TRIBUTARIES 1-5; OF THE MAHWAH RIVER

3/15/2024
 REVISED 4/22/2024



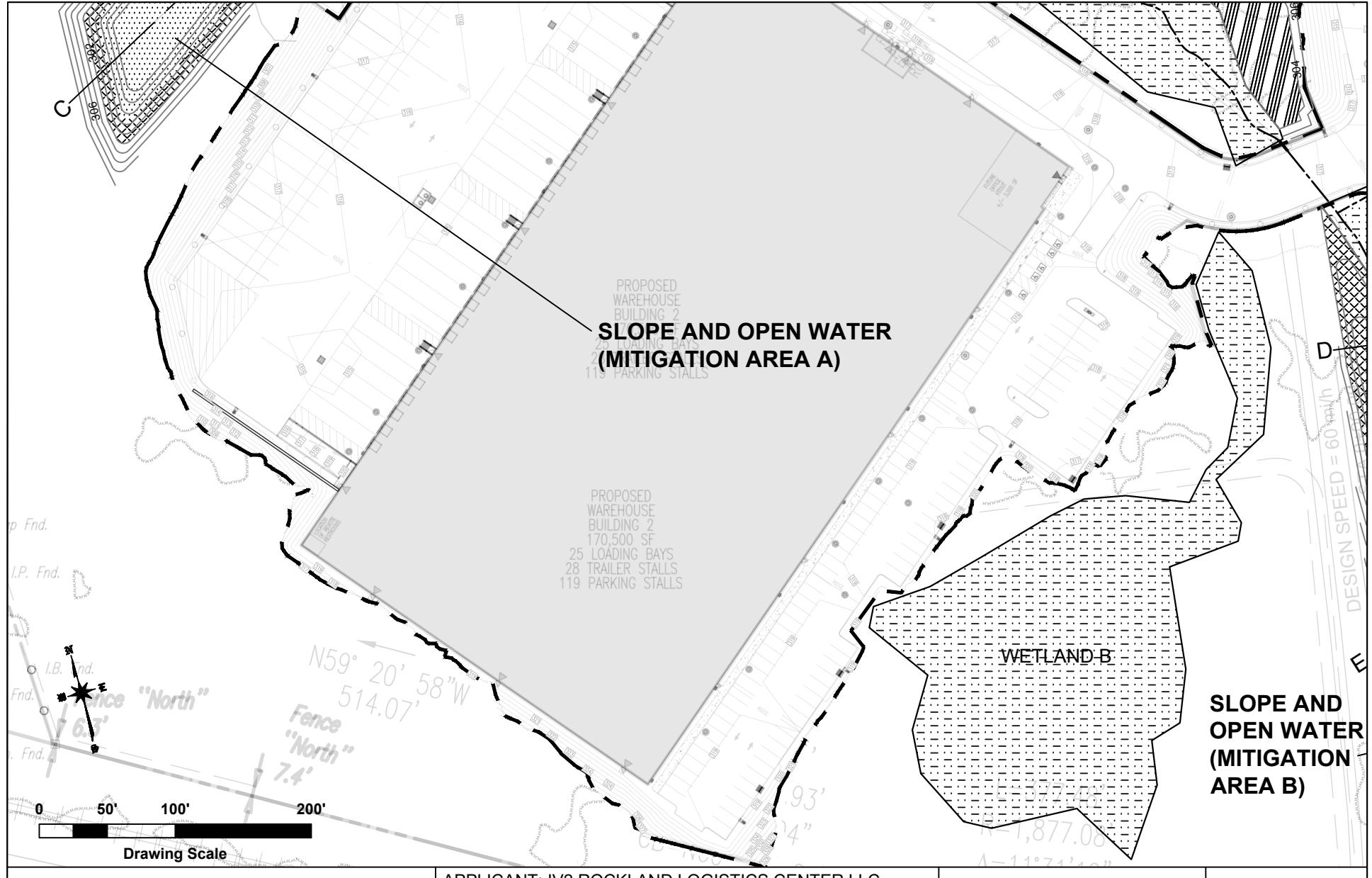


SHEET 27 OF 41
MITIGATION PLAN

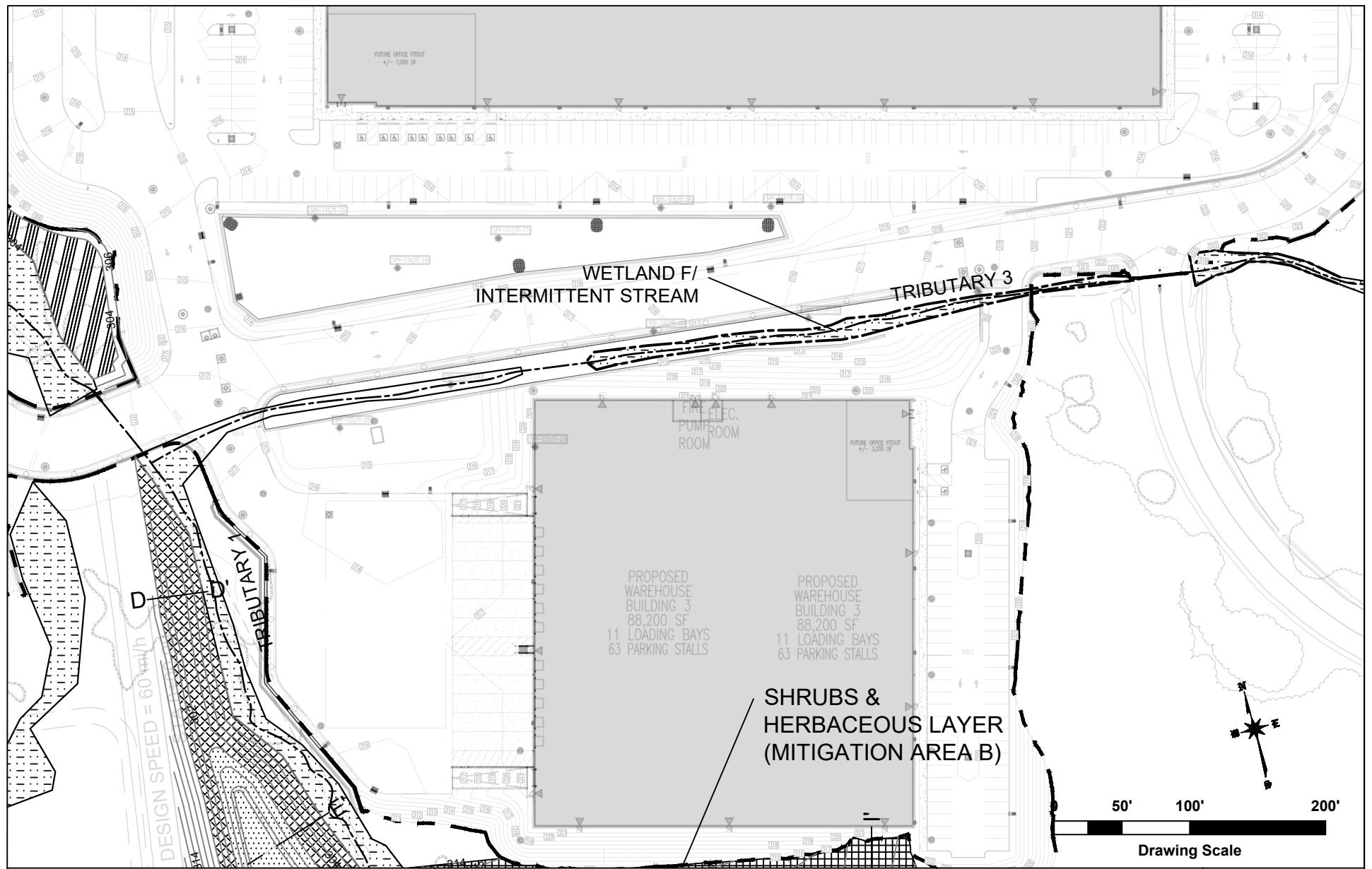
APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC
LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK
WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F;
TRIBUTARIES 1-5; OF THE MAHWAH RIVER

3/15/2024
REVISED 4/22/2024





SHEET 28 OF 41 MITIGATION PLAN	APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F; TRIBUTARIES 1-5; OF THE MAHWAH RIVER	3/15/2024 REVISED 4/22/2024	 CAPITAL ENVIRONMENTAL CONSULTANTS, INC. 240 FAIR STREET SUITE 100 KINGSTON, NY 12401
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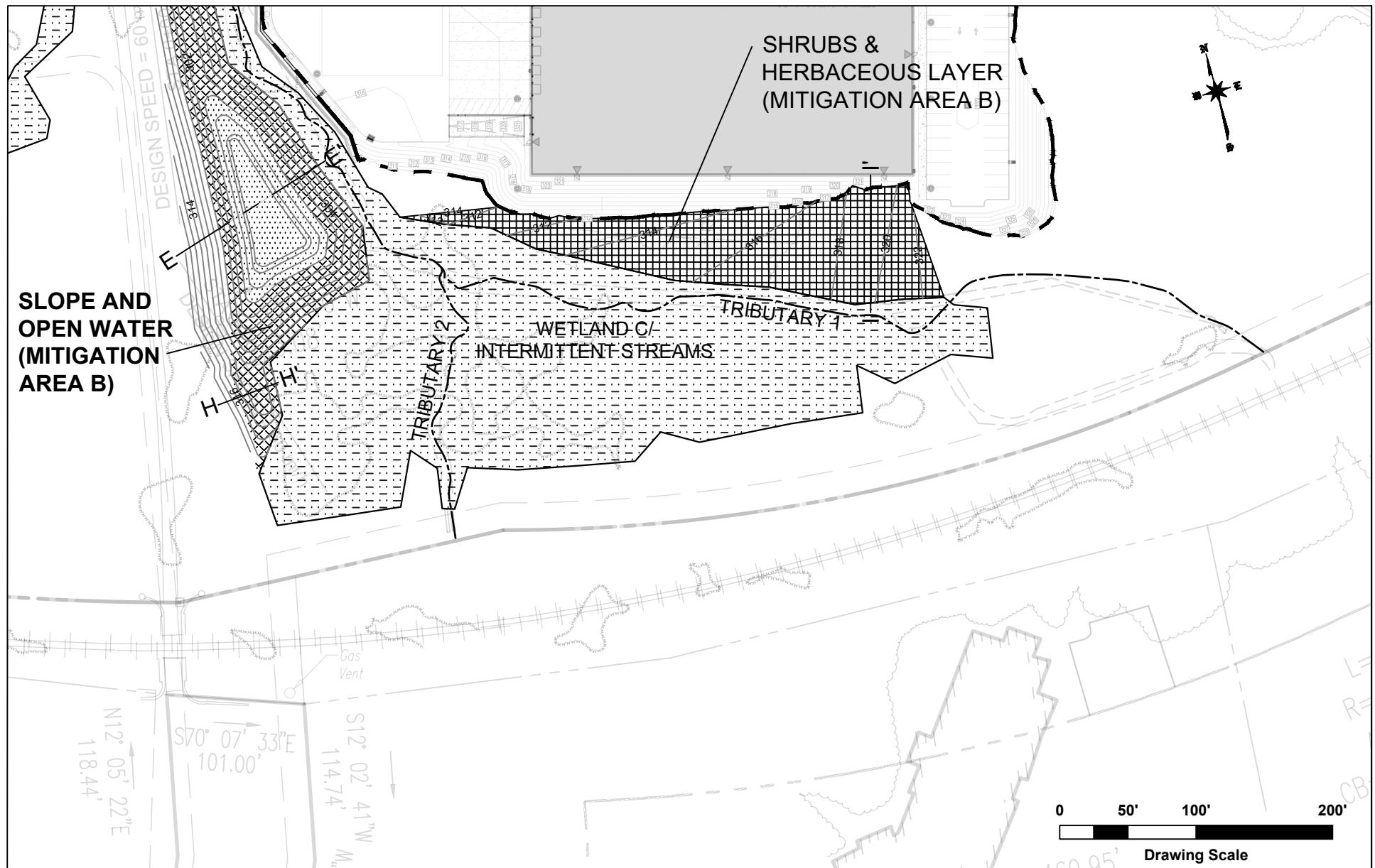


SHEET 29 OF 41
MITIGATION PLAN

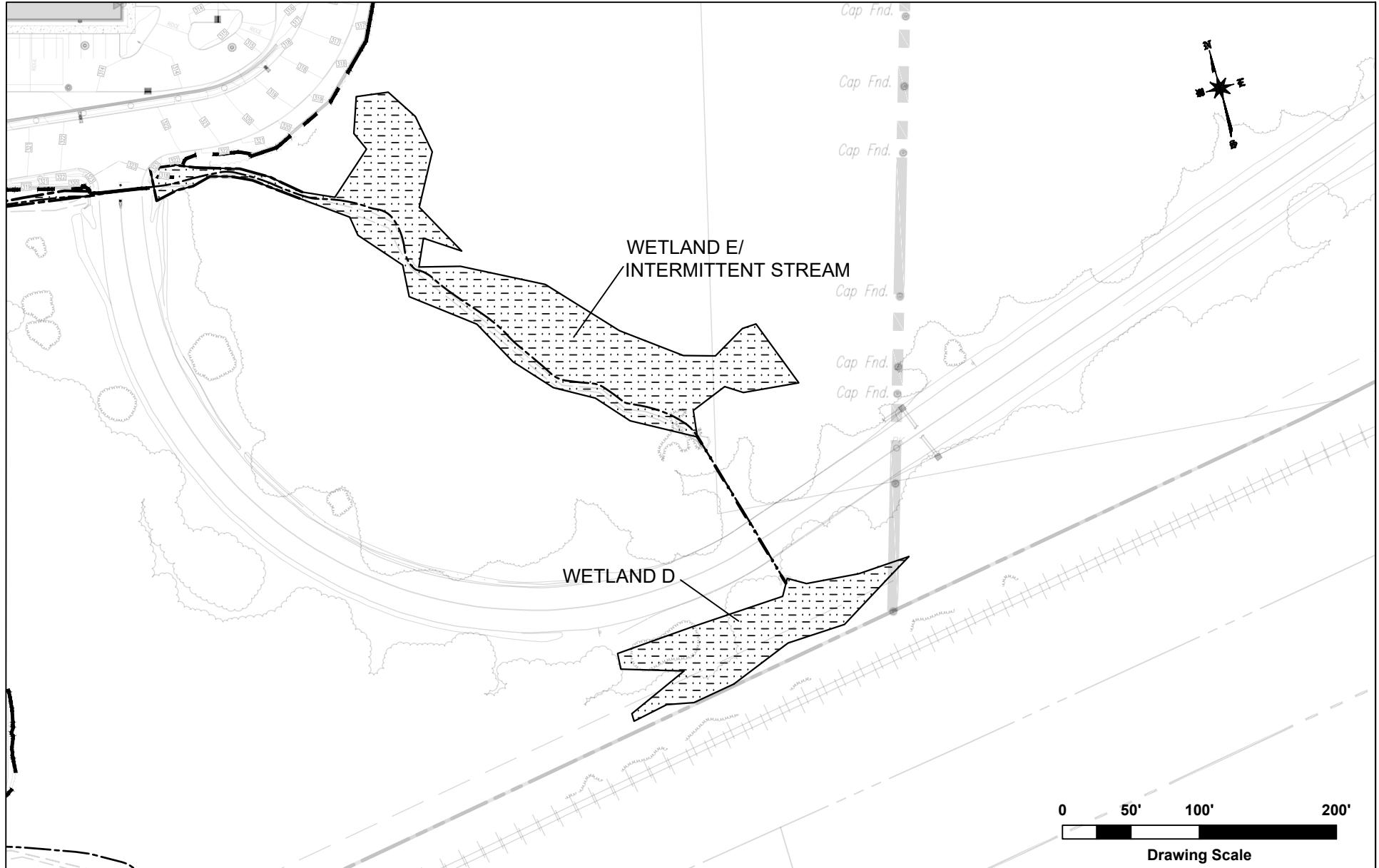
APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC
LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK
WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F;
TRIBUTARIES 1-5; OF THE MAHWAH RIVER

3/15/2024
REVISED 4/22/2024





SHEET 30 OF 41 MITIGATION PLAN	APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F; TRIBUTARIES 1-5; OF THE MAHWAH RIVER	3/15/2024 REVISED 4/22/2024	 CAPITAL ENVIRONMENTAL CONSULTANTS, INC. 240 FAIR STREET SUITE 100 KINGSTON, NY 12401
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SHEET 31 OF 41 MITIGATION PLAN	APPLICANT: IV2 ROCKLAND LOGISTICS CENTER LLC LOCATION: SUFFERN, ROCKLAND COUNTY, NEW YORK WATERBODY: POND/WETLAND FRINGE; WETLANDS A-F; TRIBUTARIES 1-5; OF THE MAHWAH RIVER	3/15/2024 REVISED 4/22/2024	 CAPITAL ENVIRONMENTAL CONSULTANTS, INC. 240 FAIR STREET SUITE 100 KINGSTON, NY 12401
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FACW Wetland Meadow Mix - ERNMX-122

Botanical Name	Common Name
23.20 % <i>Carex vulpinoides</i> , PA Ecotype	Fox Sedge, PA Ecotype
22.00 % <i>Carex lunda</i> , PA Ecotype	Lurid Sedge, PA Ecotype
20.00 % <i>Elymus virginicus</i> , PA Ecotype	Virginia Wildrye, PA Ecotype
14.00 % <i>Carex scoparia</i> , PA Ecotype	Blunt Broom Sedge, PA Ecotype
3.00 % <i>Juncus effusus</i>	Soft Rush
3.00 % <i>Verbena hastata</i> , PA Ecotype	Blue Vervain, PA Ecotype
2.00 % <i>Asclepias incarnata</i> , PA Ecotype	Swamp Milkweed, PA Ecotype
2.00 % <i>Carex intumescens</i> , PA Ecotype	Star Sedge, PA Ecotype
2.00 % <i>Zizia aurea</i> , PA Ecotype	Golden Alexanders, PA Ecotype
1.00 % <i>Aster novae-angliae</i> , PA Ecotype	New England Aster, PA Ecotype
1.00 % <i>Juncus tenuis</i> , PA Ecotype	Path Rush, PA Ecotype
1.00 % <i>Verbena urticifolia</i> , PA Ecotype	White Vervain, PA Ecotype
0.70 % <i>Solidago rugosa</i> , PA Ecotype	Wrinkleleaf Goldenrod, PA Ecotype
0.50 % <i>Aster lanceolatus</i>	Lance Leaved Aster
0.50 % <i>Aster puniceus</i> , PA Ecotype	Purplestem Aster, PA Ecotype
0.50 % <i>Bidens cernua</i> , PA Ecotype	Nodding Bur Marigold, PA Ecotype
0.50 % <i>Carex crinita</i> , PA Ecotype	Fringed Sedge, PA Ecotype
0.50 % <i>Lobelia siphilitica</i> , PA Ecotype	Great Blue Lobelia, PA Ecotype
0.50 % <i>Mimulus ringens</i> , PA Ecotype	Square Stemmed Monkeyflower, PA Ecotype
0.40 % <i>Carex stipata</i> , PA Ecotype	Awl Sedge, PA Ecotype
0.40 % <i>Eupatorium perfoliatum</i> , PA Ecotype	Boneset, PA Ecotype
0.30 % <i>Helenium autumnale</i> , PA Ecotype	Common Sneezeweed, PA Ecotype
0.30 % <i>Lycopus americanus</i> , PA Ecotype	American Water Horehound, PA Ecotype
0.30 % <i>Scirpus atrovirens</i> , PA Ecotype	Green Bulrush, PA Ecotype
0.30 % <i>Scirpus cyperinus</i> , PA Ecotype	Woolgrass, PA Ecotype
0.10 % <i>Alisma subcordatum</i> , PA Ecotype	Mud Plantain, PA Ecotype

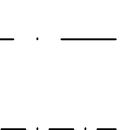
Legend



Existing Freshwater Wetland



Anticipated Groundwater Table Elevation per 10/19/2021
Geotechnical Investigations Completed by Dynamic Earth (typ.)



Seasonally High Groundwater Table

Wetland Creation Areas (Open Water and FACW Fringe Wetlands):

Proposed Wetland Slope to Standing Water

Mitigation Area A (34,552 SF)
Mitigation Area B (17,788 SF)

Seed with Ernst NE FACW seed mix (item number: ERNMX-122) -
0.5 lbs/MSF - 26.2 lbs total



Open Water Habitat

Mitigation Area A (31,853 SF)
Mitigation Area B (6,293 SF)



Existing Wetland Edge Extended to Toe of Slope

Shrubs - 1 per 50 SF (27,119 SF)
Highbush Blueberry (*Vaccinium corymbosum*) - 271 total
Northern Spicebush (*Lindera benzoin*) - 271 total

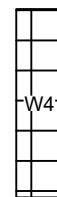


Notes:

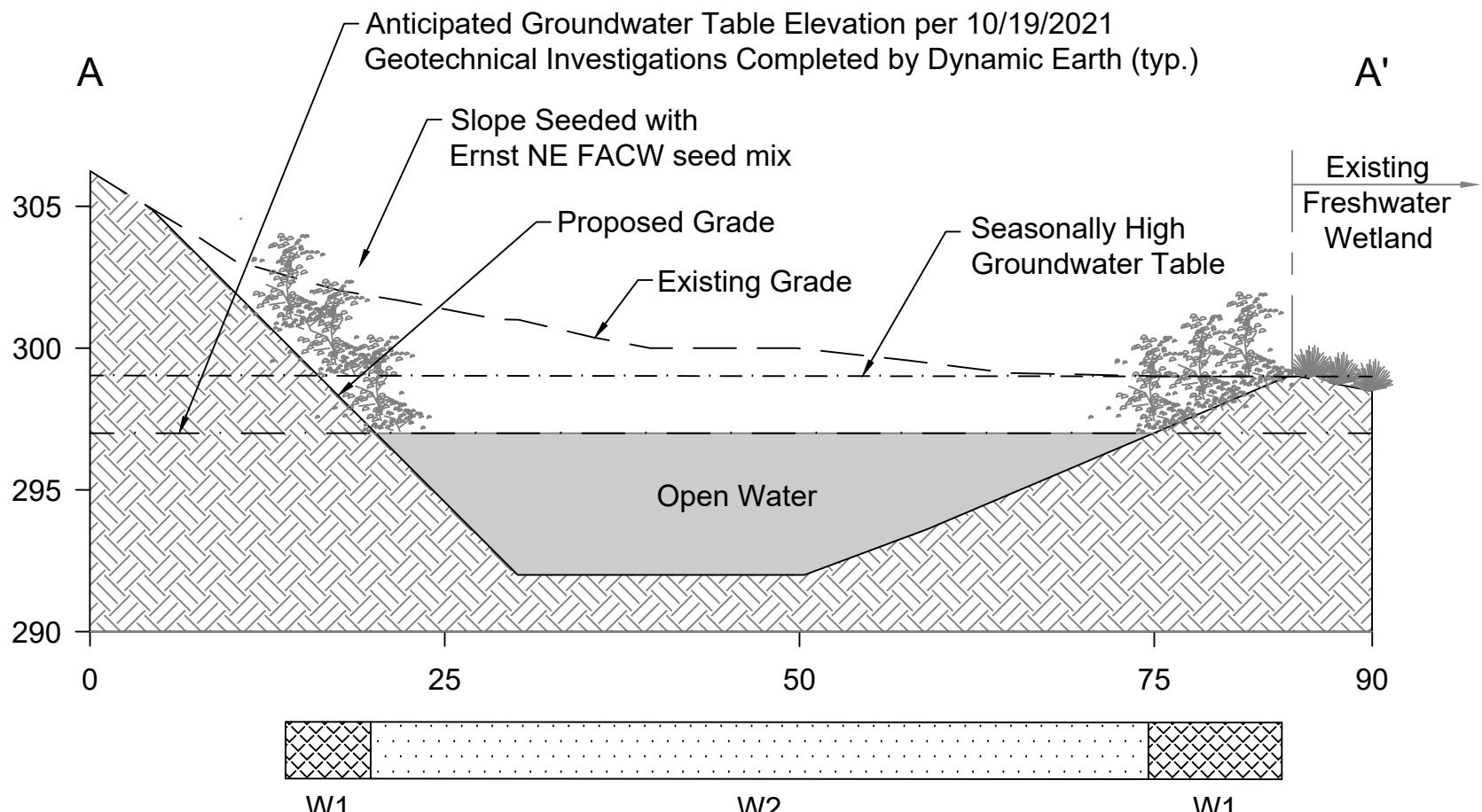
- Existing trees to remain

Existing Wetland Edge Extended to Toe of Slope

Shrubs and Herbaceous Layer (29,227 SF)
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Highbush Blueberry (*Vaccinium corymbosum*) - 293 total
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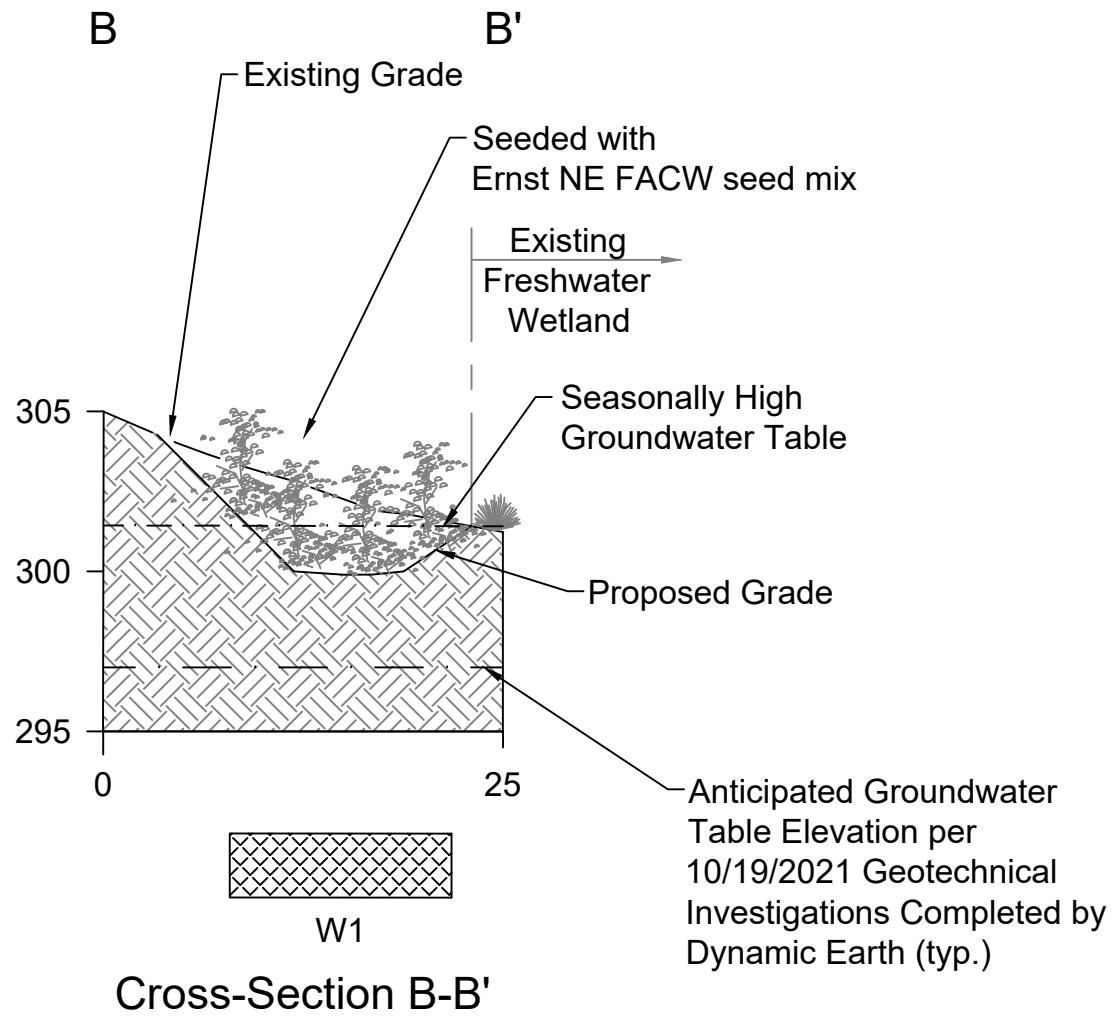
Seed with Ernst NE FACW seed mix (item number: ERNMX-122)
0.5 lbs/MSF - 14.6 lbs total

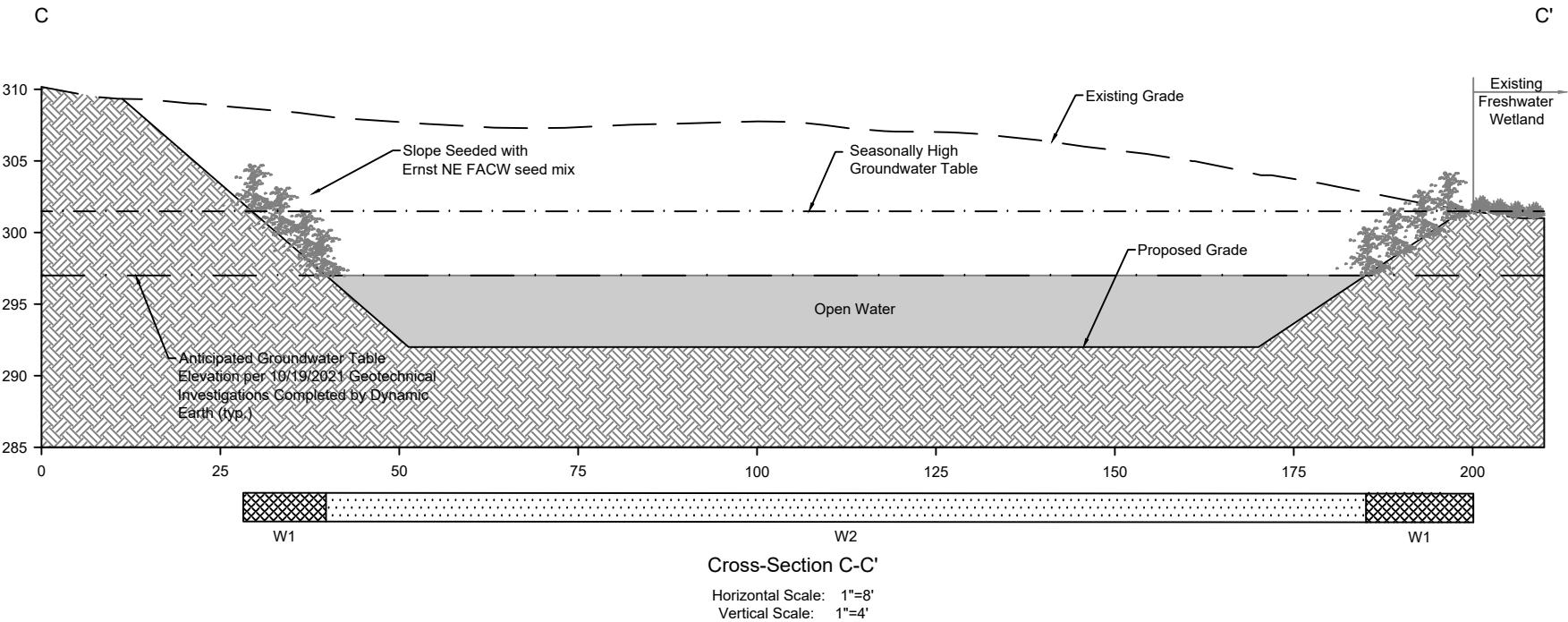


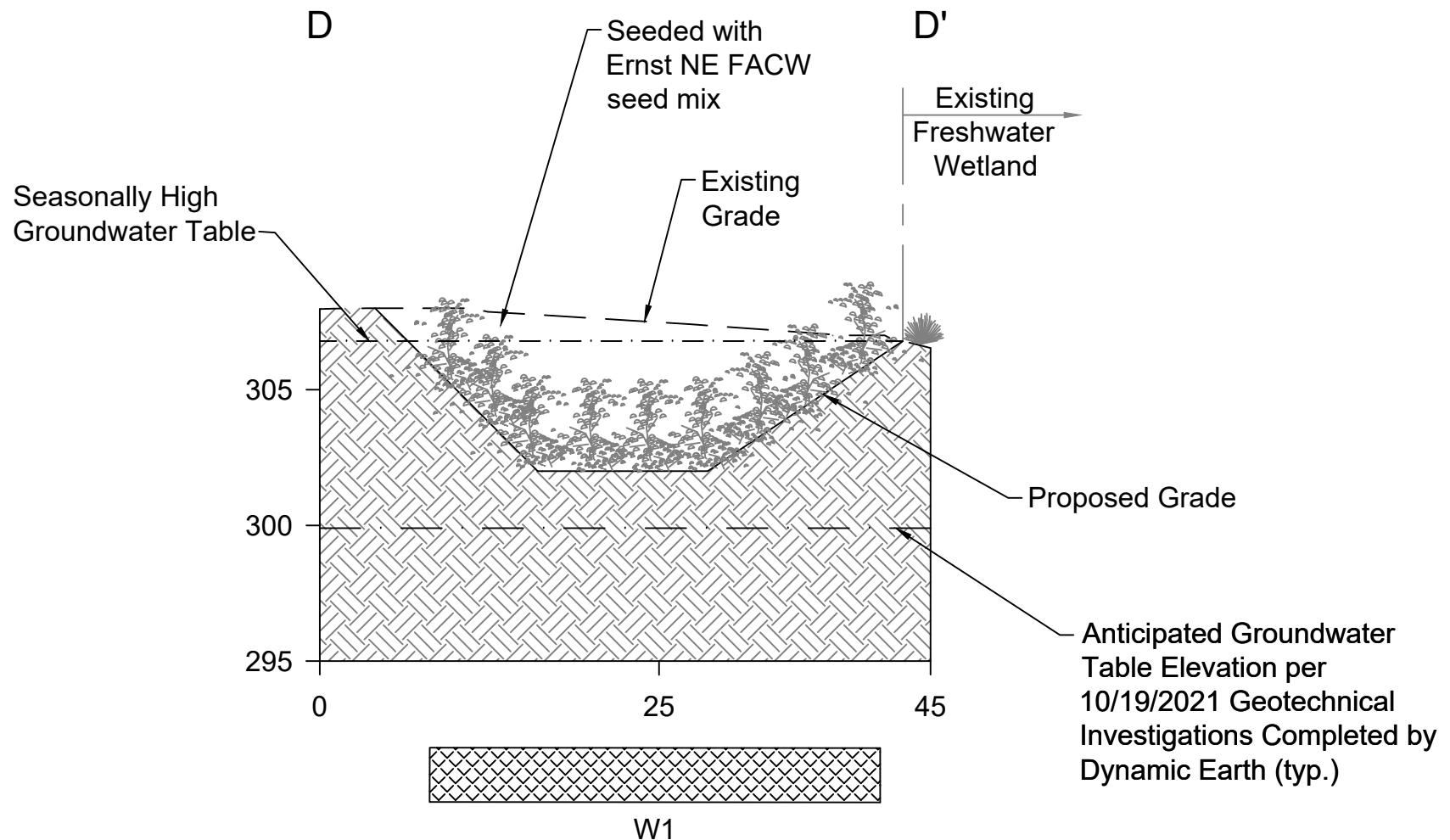
Cross-Section A-A'

Horizontal Scale: 1"=8'

Vertical Scale: 1"=4'

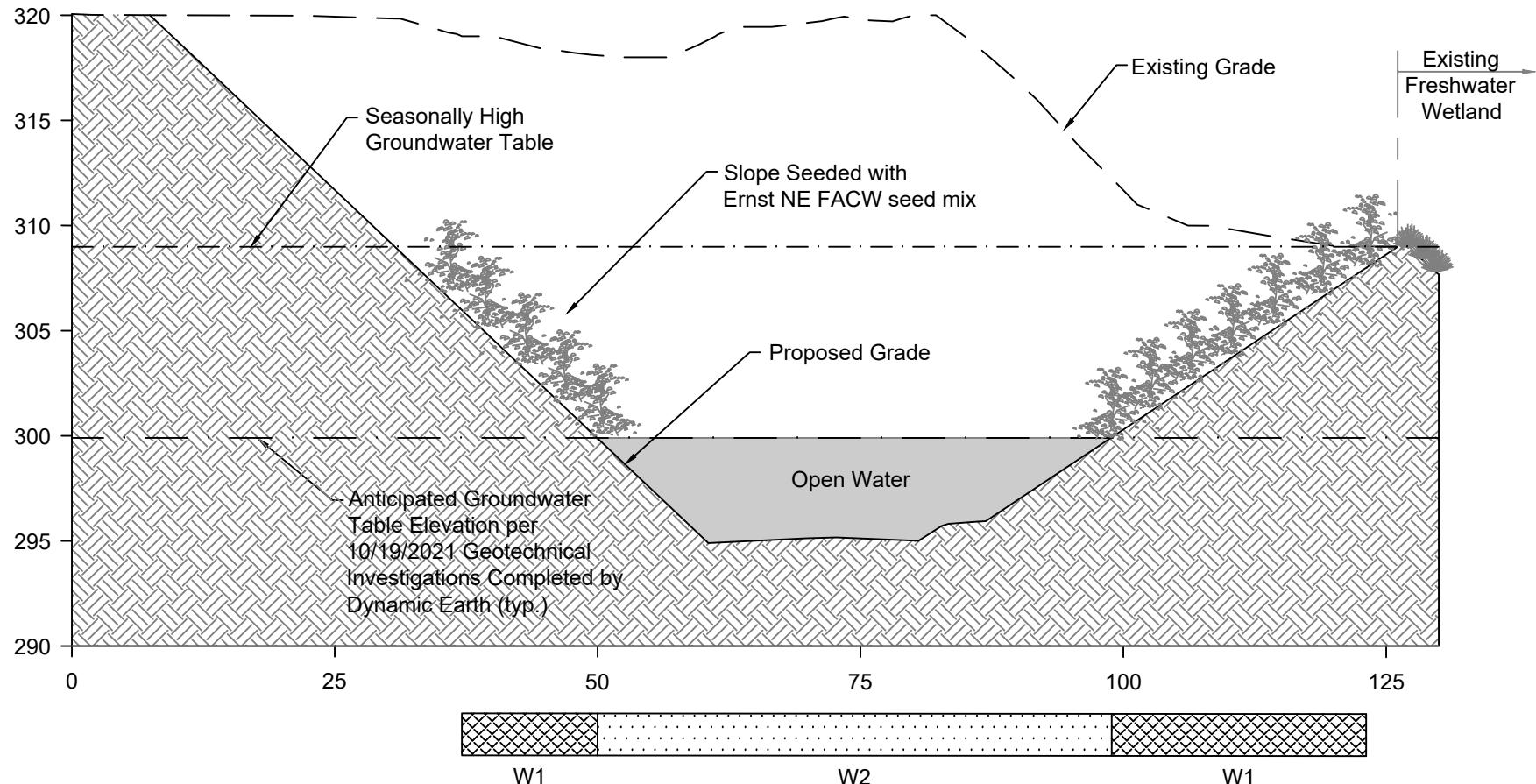






E

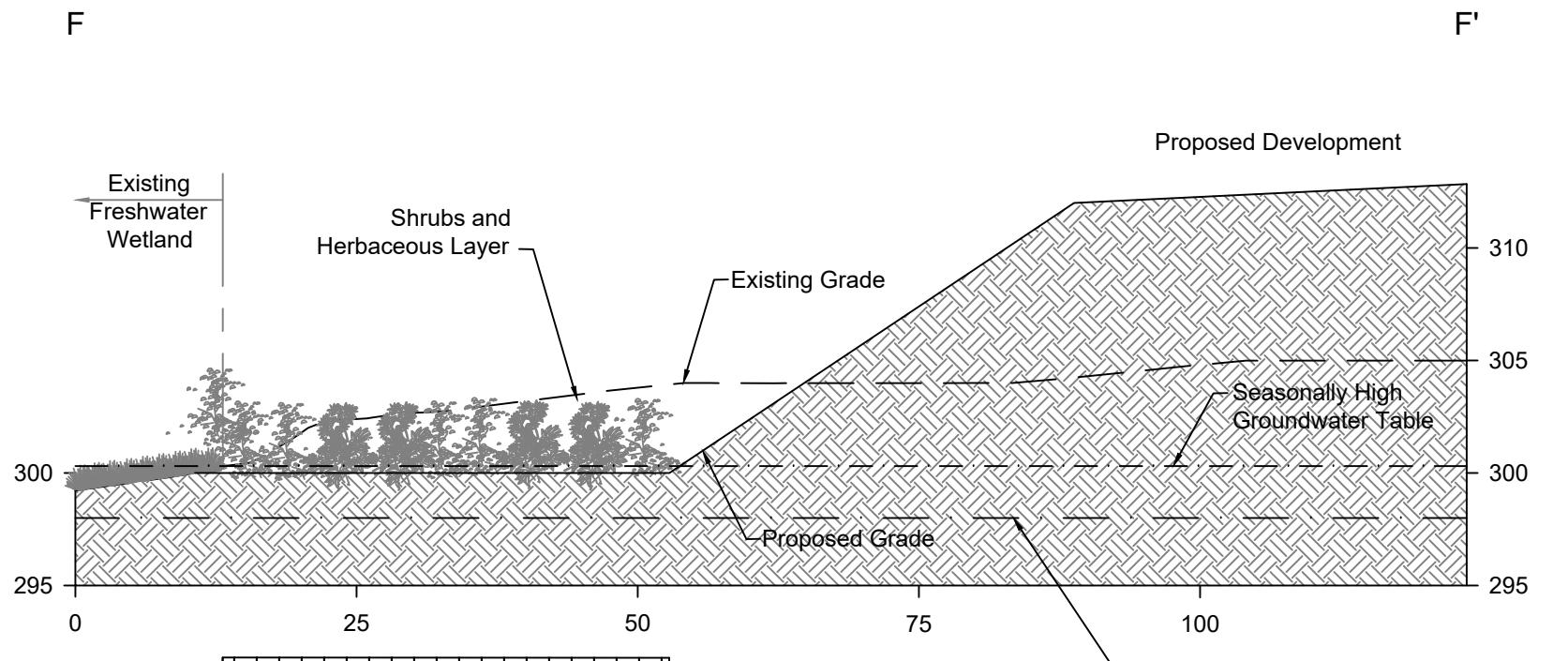
E'

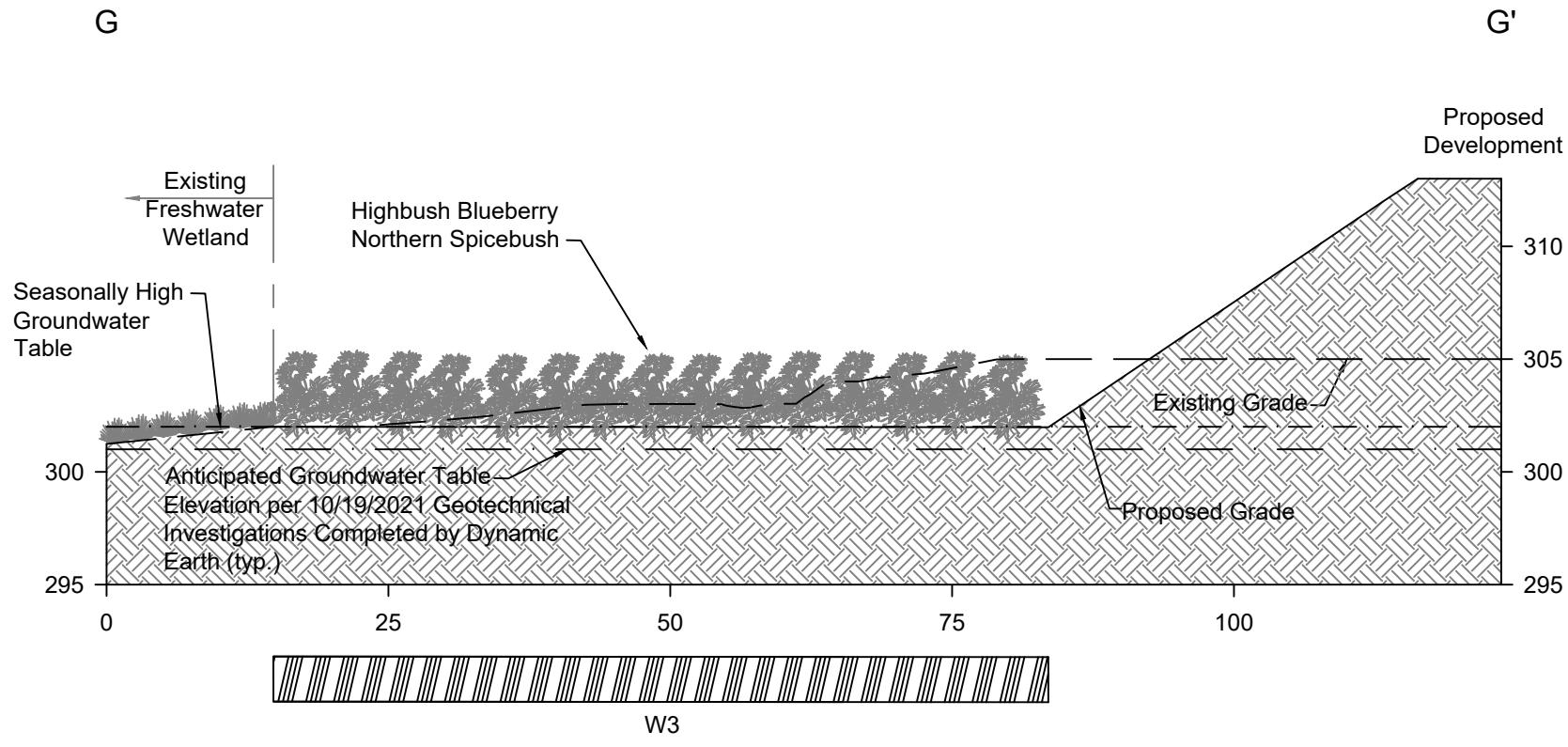


Cross-Section E-E'

Horizontal Scale: 1"=8'

Vertical Scale: 1"=4'

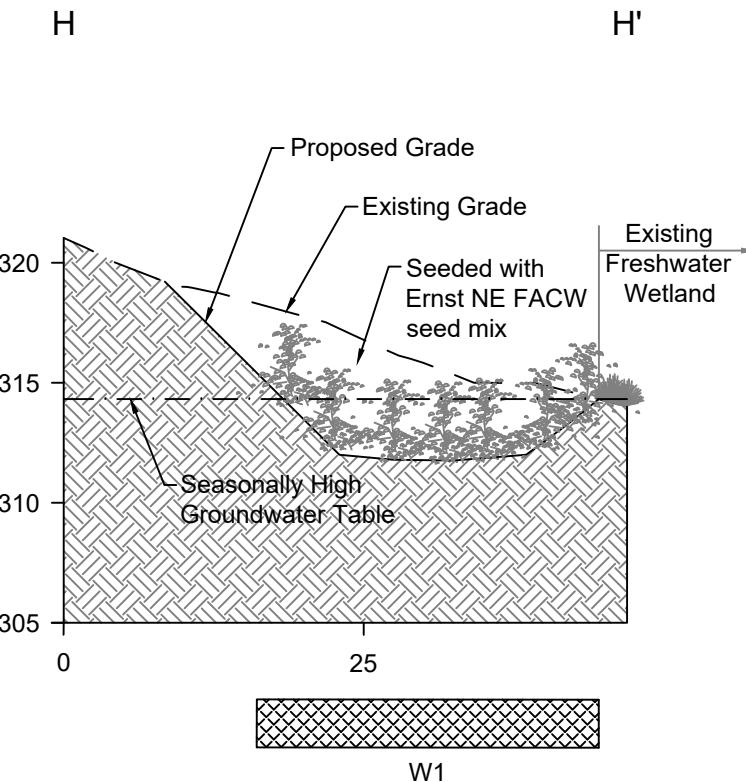




Cross-Section G-G'

Horizontal Scale: 1"=8'

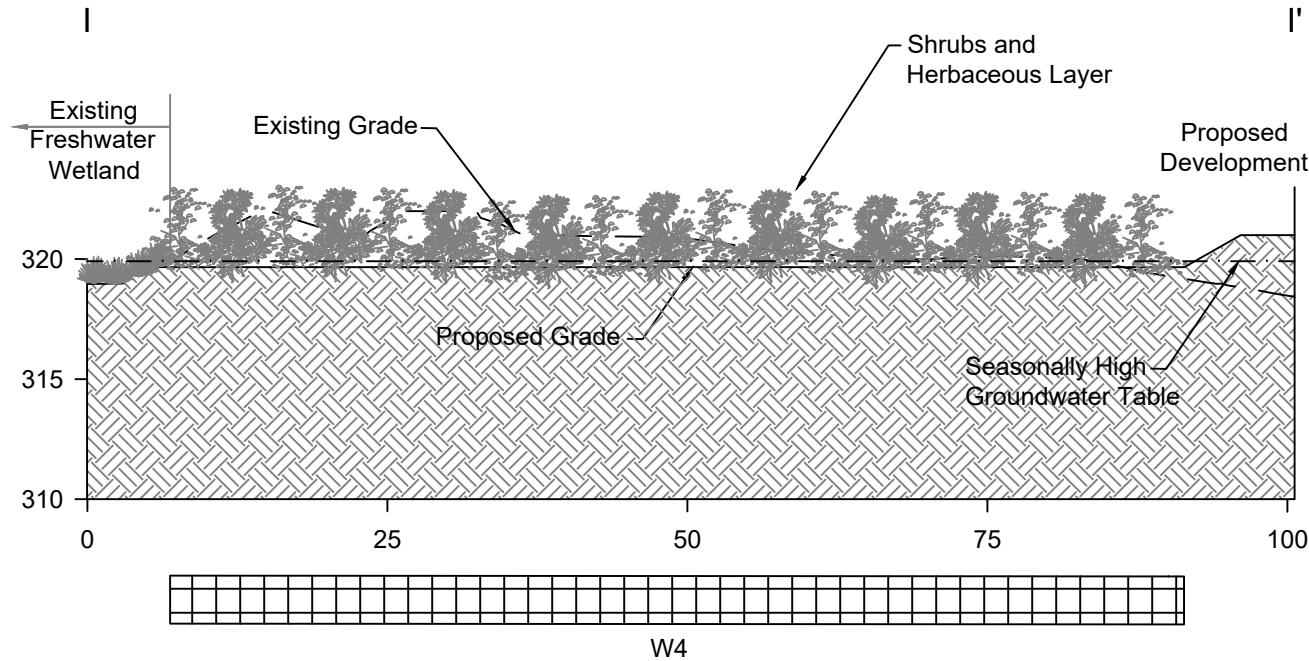
Vertical Scale: 1"=4'



Cross-Section H-H'

Horizontal Scale: 1"=8'

Vertical Scale: 1"=4'



Cross-Section I=I'

Horizontal Scale: 1"=8'

Vertical Scale: 1"=4'