

OVERPECK COUNTY PARK AREAS I AND II TEANECK CREEK SECTION HABITAT RESTORATION



HISTORY OF CONSERVATION & RESTORATION

- 2001 Teaneck Creek Conservancy
- 2006 New Trails & Outdoor Classroom
- 2008 Wetland Restoration Plan Concept
- 2010 Area 1 Site Remediation Plan



TEAM MEMBERS

Bergen County Department of Parks

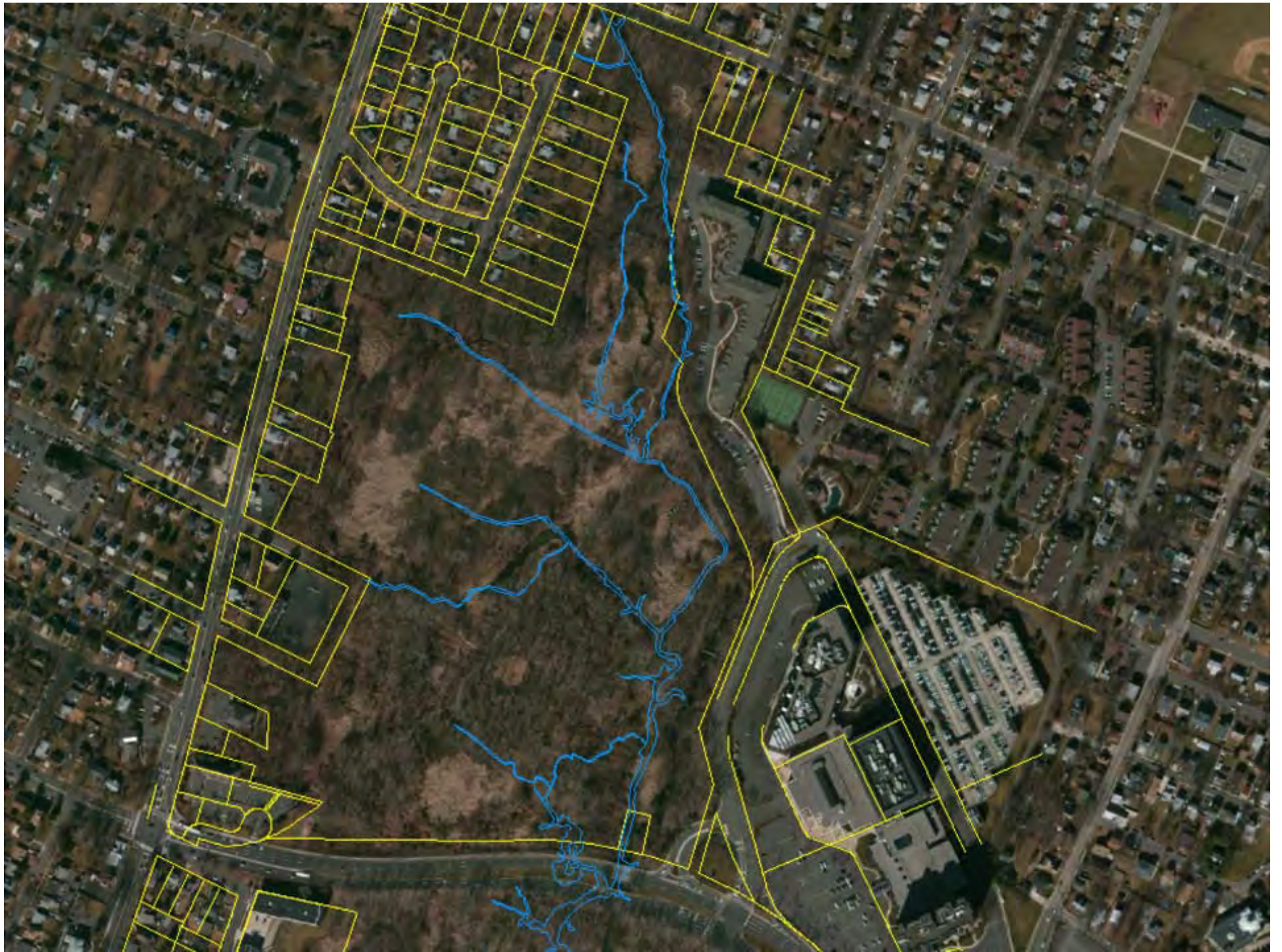
Rutgers University CUES

Teaneck Creek Conservancy

Biohabitats Inc.











AREA I





ZONE A (9 acres)

Highest quality forested wetland
Invasive species management

ZONE B (15 acres)

Extensive stand of *Phragmites australis*
Invasive species management

ZONE C (14 acres)

Forested wetland habitat
Stands of *Phragmites australis*
Reconnect with creek through berm
Invasive species management

ZONE D (8 acres)

Preserve upland woodland
Create wetland habitat in south

DESIGN PRINCIPLES

Slow water flow across the site

Develop sand seepage features rather than excavate

Enhance existing Teaneck Creek connections

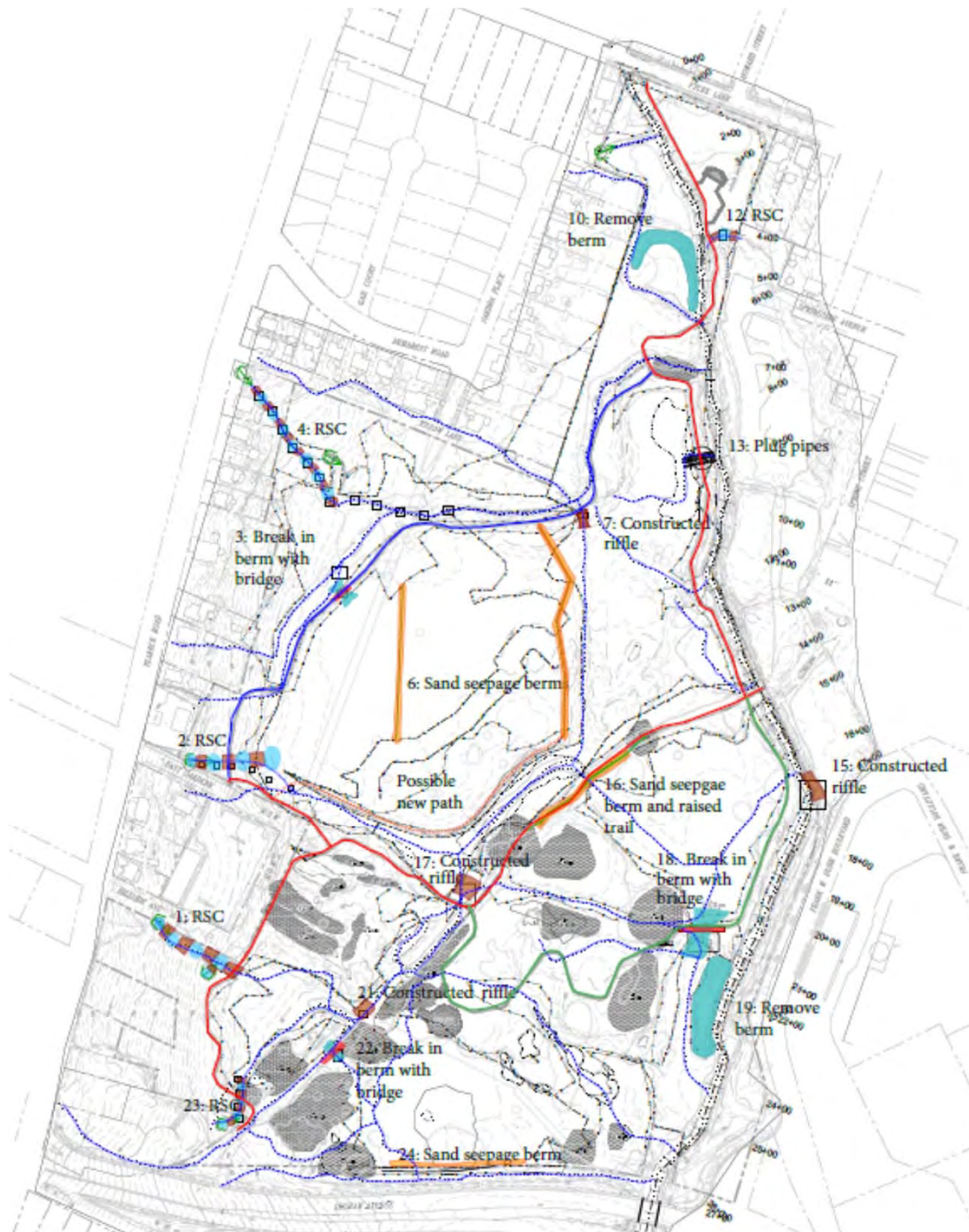
Enhance existing open water and wetland areas

Increase water flow to dense *Phragmites* areas

Redirect surface flows to reflect historic flow paths

Create microtopographic features to further biodiversity

Improve trails

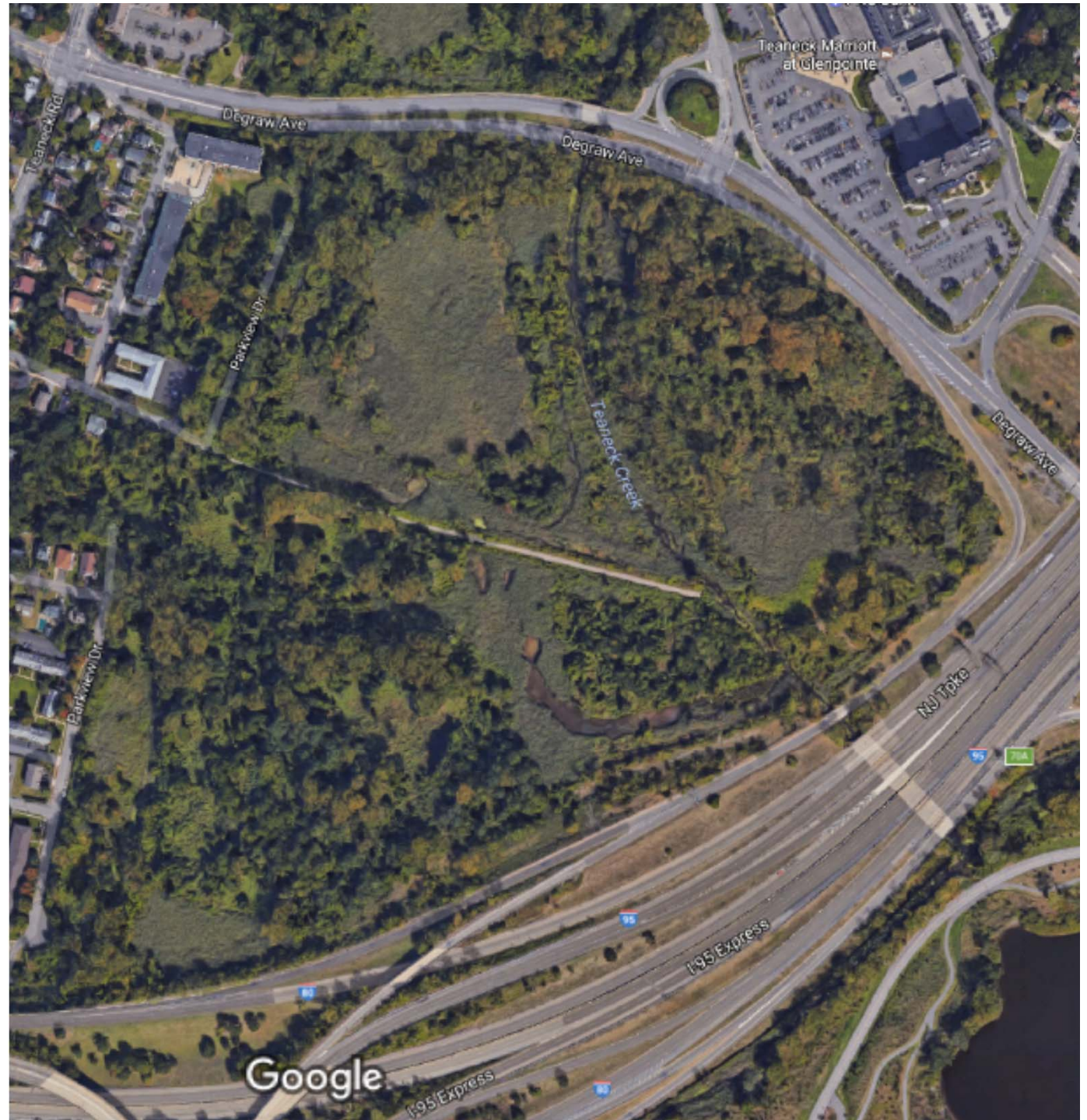


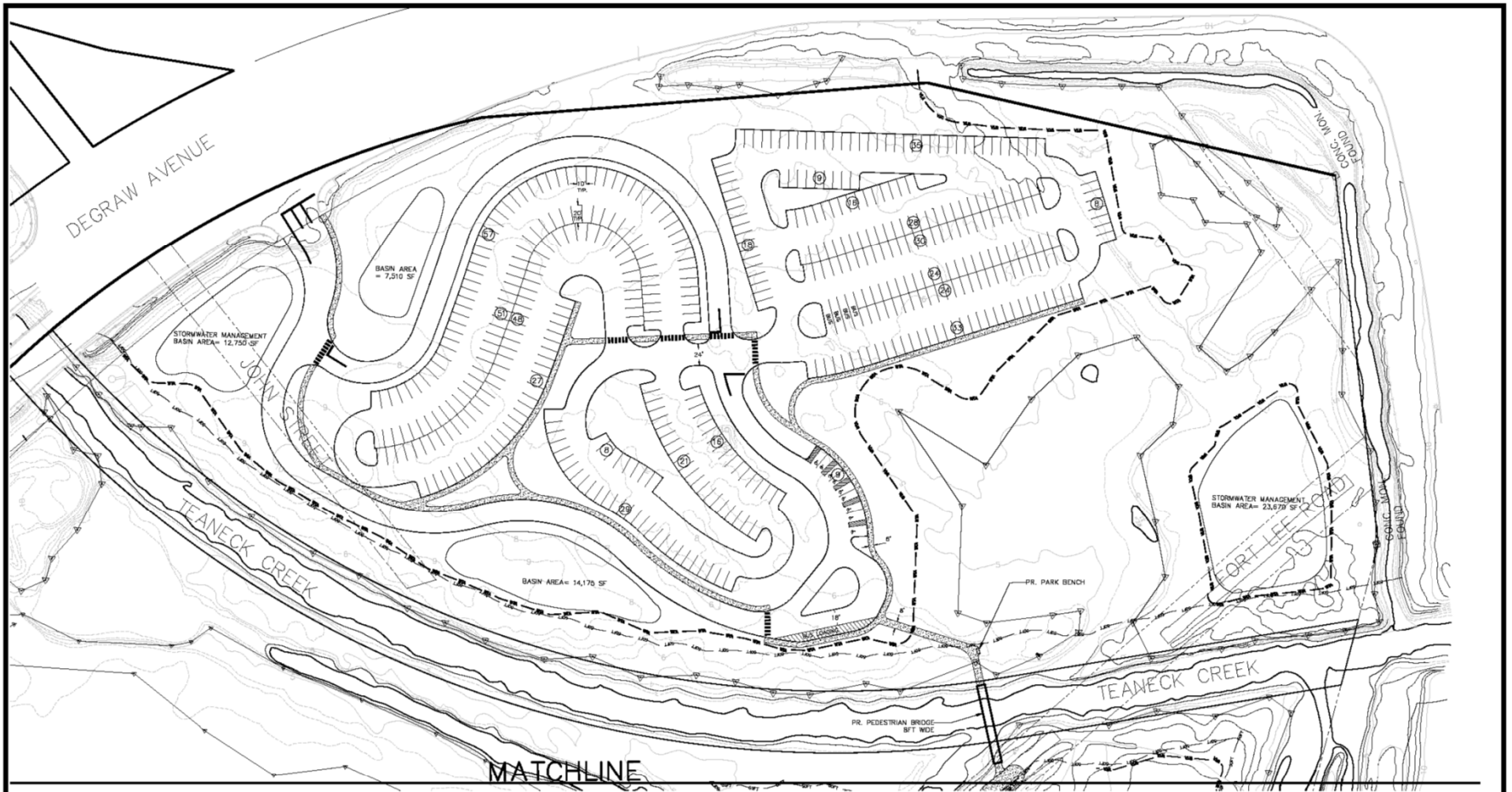






AREA II

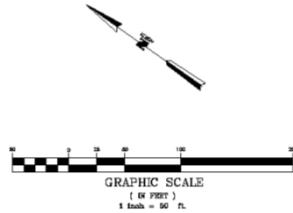




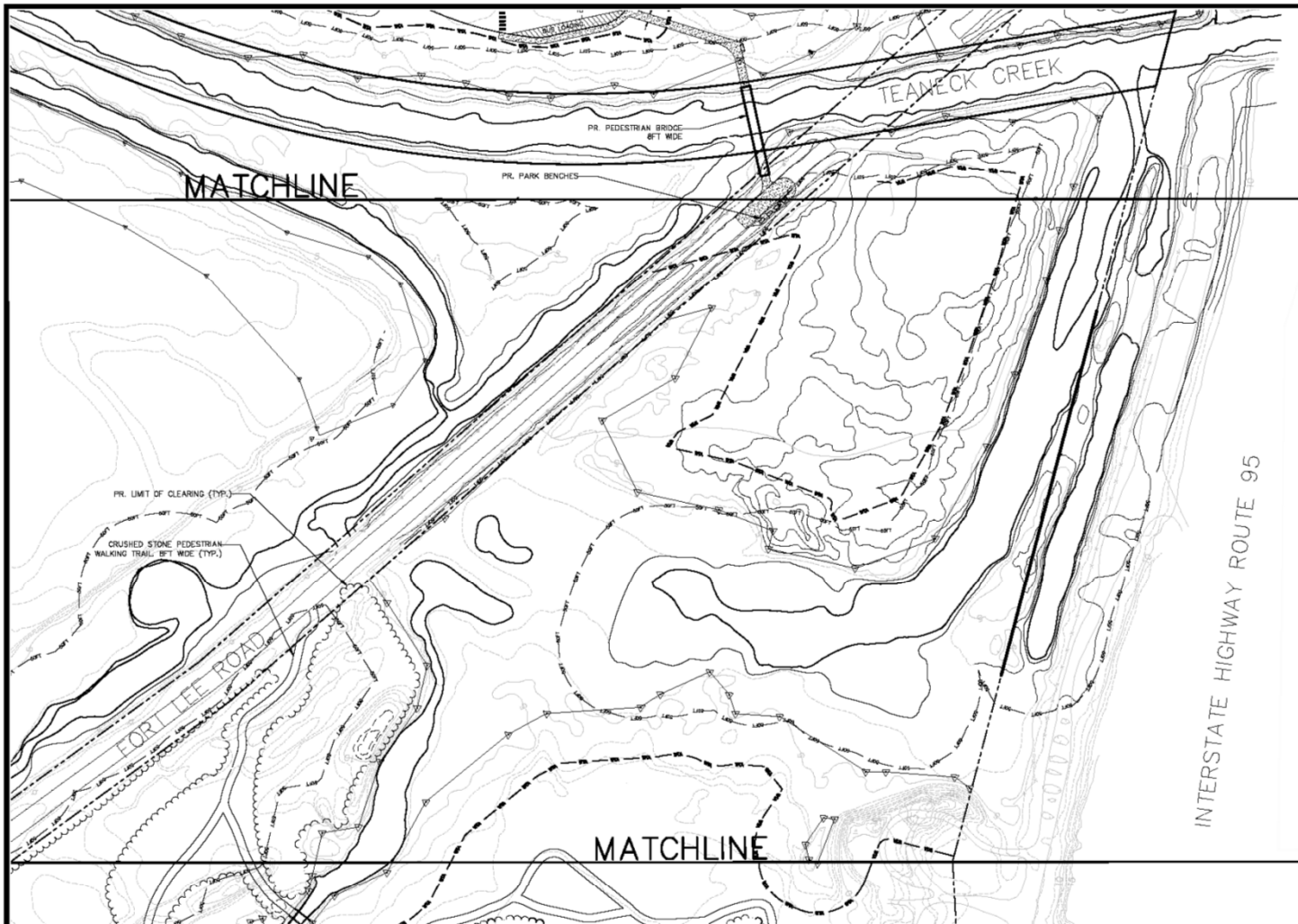
LEGEND	
	WETLANDS FLAG LOCATION
	WETLAND TRANSITION BUFFER SOFT
	RIPIARIAN ZONE BUFFER 50 FT FROM TOP OF BANK
	LIMIT OF FLOODWAY
	LIMIT OF 1% FLOOD, ZONE A-ELEV. B.D.
	LIMIT OF 0.2% FLOOD, ZONE X
	LIMIT OF LANDFILL CAPPING

NOTE:
482 PARKING SPACES + 9 HANDICAP PARKING SPACES ARE PROVIDED FOR A TOTAL OF 491 TOTAL PARKING SPACES

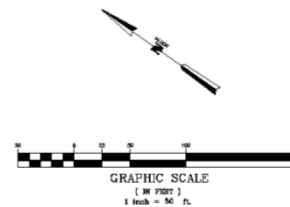
NOTE:
VARIOUS SITE AMENITIES, SUCH AS BENCHES, FLAGPOLES, LANDSCAPING, AND LIGHTING WILL BE PROPOSED THROUGHOUT THE PARKING LOT DESIGN



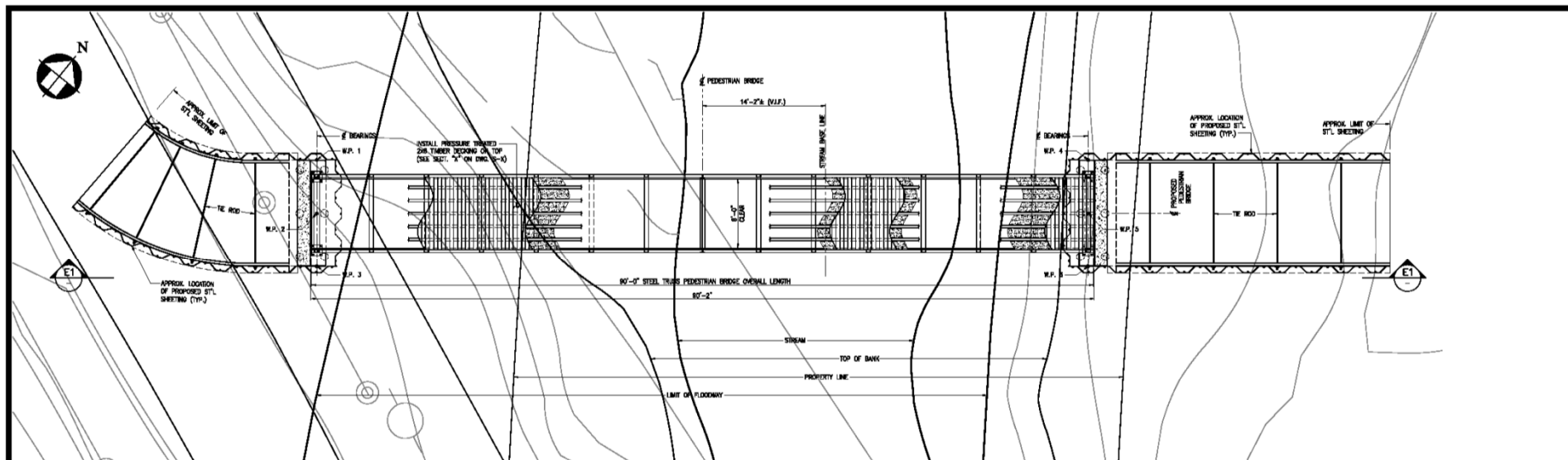
TOWNSHIP OF TEANECK BERGEN COUNTY, NEW JERSEY OVERPECK PARK AREA II LAYOUT PLAN (1 OF 3)	
GREGORY R. VALES P.E. & P.P. NEW JERSEY PROFESSIONAL ENGINEER	
DRAFT	
PREPARED BY: GREGORY R. VALES P.E. & P.P. CHECKED BY: MICHAEL J. MACIELAND P.E. & P.P. DATE: 2/1/2011 SCALE: 1"=50' SHEET: 1 OF 3	



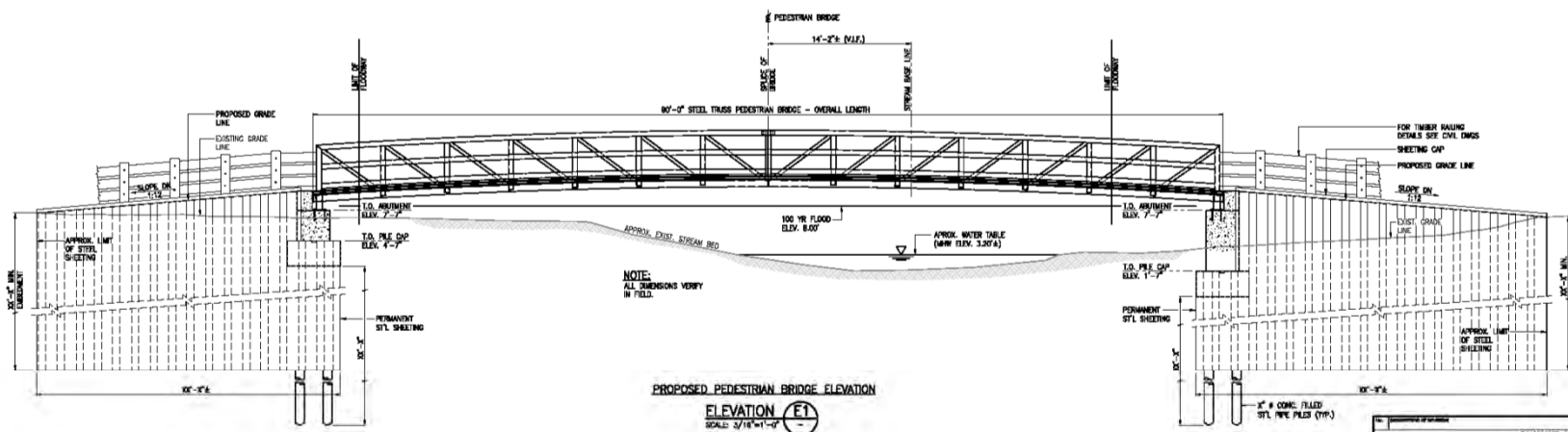
LEGEND	
	WETLANDS FLAG LOCATION
	WETLAND TRANSITION BUFFER SOFT
	RIPIARIAN ZONE BUFFER, 50 FT FROM TOP OF BANK
	LIMIT OF FLOODWAY
	LIMIT OF 1% FLOOD, ZONE: AE ELEV 8.0
	LIMIT OF 0.2% FLOOD, ZONE: X
	LIMIT OF LANDFILL CAPPING



DESCRIPTION OF DESIGN		DATE	DRAWN	DESIGNED	APPROVED
TOWNSHIP OF TEANECK BERGEN COUNTY, NEW JERSEY BLOCK 3501, LOT 1 & BLOCK 3608, LOT 1 OVERPECK PARK AREA II LAYOUT PLAN (2 OF 3)					
JOHN H. ALLEN P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033		DAVID J. VALLI P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033		JOHN J. STEVENSON P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033	
JOHN B. CORRELL P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033		MICHAEL J. MAGILLAND P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033		GREGORY R. VALES P.E. & P.P. 1000 ROUTE 100 SUITE 100 NEW JERSEY 07033	
GREGORY R. VALES P.E. & P.P. NEW JERSEY PROFESSIONAL ENGINEER					
DATE: 5/7/17 DRAWN BY: MJS CHECKED BY: 77		DATE: 5/7/17 DRAWN BY: MJS CHECKED BY: 77			
DRAFT 2 OF 3					



PROPOSED PEDESTRIAN BRIDGE PLAN
SCALE: 3/16"=1'-0"



PROPOSED PEDESTRIAN BRIDGE ELEVATION

ELEVATION (E1)
SCALE: 3/16"=1'-0"

TOWNSHIP OF TEANOK BURLINGTON COUNTY, NEW JERSEY OVERPECK PARK WETLANDS PEDESTRIAN BRIDGE PROPOSED PEDESTRIAN BRIDGE PLAN AND ELEVATION	
CONSULTING AND MUNICIPAL ENGINEERS 1000 WEST 10TH STREET, SUITE 100, NEW JERSEY 07033-1000 TEL: 908.734.1100 FAX: 908.734.1101 WWW.MJMCLELLAND.COM	
JOHN A. ALLEGRA, P.E. B.P.C. JAV & COMPANY, P.C. B.P.C. 1000 WEST 10TH STREET, SUITE 100, NEW JERSEY 07033-1000 TEL: 908.734.1100 FAX: 908.734.1101 WWW.MJMCLELLAND.COM	JOHN J. STEPHAN, P.E. L.S. & P.A. 1000 WEST 10TH STREET, SUITE 100, NEW JERSEY 07033-1000 TEL: 908.734.1100 FAX: 908.734.1101 WWW.MJMCLELLAND.COM
MICHAEL J. MCCLELLAND, P.E. NEW JERSEY PROFESSIONAL ENGINEER L.S.C. 324886 PRELIMINARY	Date: February 2017 As Shown: J.M. Checked: J.M. Drawn: J.M. Scale: 3/16"=1'-0"

PEC-00210-01







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Teaneck Creek Conservancy Wetlands



Teaneck Creek, a tributary of the Hackensack River, was identified as a NY/NJ Harbor Estuary Program Priority Restoration Site in 2003. This 46-acre urban wetland system is part of Bergen County Overpeck Park, located 10 miles from midtown Manhattan. Funding provided by the NJ Wetlands Mitigation Council supported baseline research describing the site's hydrology and vegetation in order to develop a Conceptual Wetland Restoration Plan, which was completed and approved by the New Jersey Wetlands Mitigation Council in 2008. In order to proceed with the proposed wetland restoration, Bergen County hired Biohabitats to develop the Final Wetland Restoration Plan, which was completed in late 2015. The new plan takes into account park improvements made by the Teaneck Creek Conservancy volunteers and Bergen County Audubon volunteers, as well as management of the site's stormwater inputs, designed by Biohabitats. The Final Wetland Restoration plan has been submitted to the NJDEP, and Bergen County is awaiting final approval of the plan. The County has also applied for grant funding to support restoration of the "Stormwater Canyon" area next to the Puffin Foundation parking lot. As this restoration proceeds, the County will also be following NJDEP-mandated removal of debris from the wetlands and closure of the historic landfilled sections of the park located along DeGraw Ave.

More Information

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Rutgers Principal Investigators

[Dr. Christopher Obropta](#)

[Dr. Beth Ravit](#)

Partners

[Bergen County Audubon](#)

[Bergen County Parks
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[Biohabitats](#)

[Puffin Foundation, Ltd.](#)

[Teaneck Creek Conservancy](#)

[Teaneck, N.J. Public Schools](#)

[United States Geological
Survey \(USGS\)](#)

