



Parks

Restoration and Management Planning for Idlewild Marsh

National Association of Wetland Managers

Enhancing State and Tribal Programs (ESTP)

2026 Virtual National Workshop

Alexis Canney

Wetland Restoration Project Manager, NYC Parks



NYC Parks

Idlewild Marsh Restoration and Management Planning

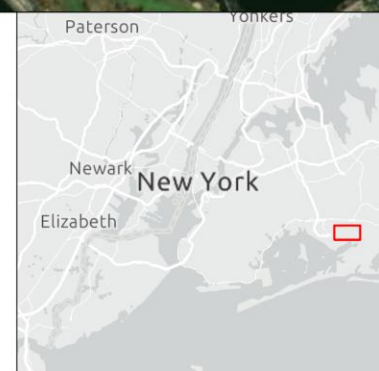
Queens, New York



0 500
Feet

-  Idlewild Preserve
-  Idlewild Marsh

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Degradation at Idlewild Marsh



Hummock/hollow topography



Ditches



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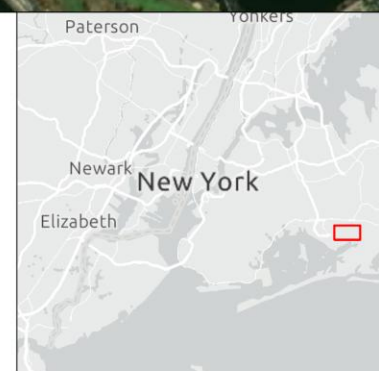
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-  Idlewild Preserve
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-  Landing Lights restoration
-  Hook Creek South restoration
-  Hook Creek North restoration





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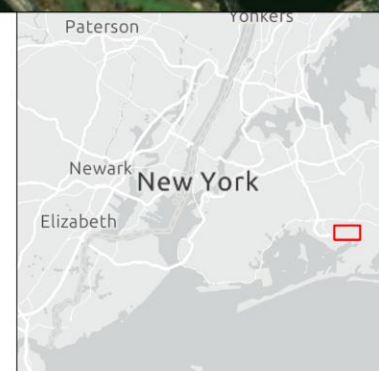
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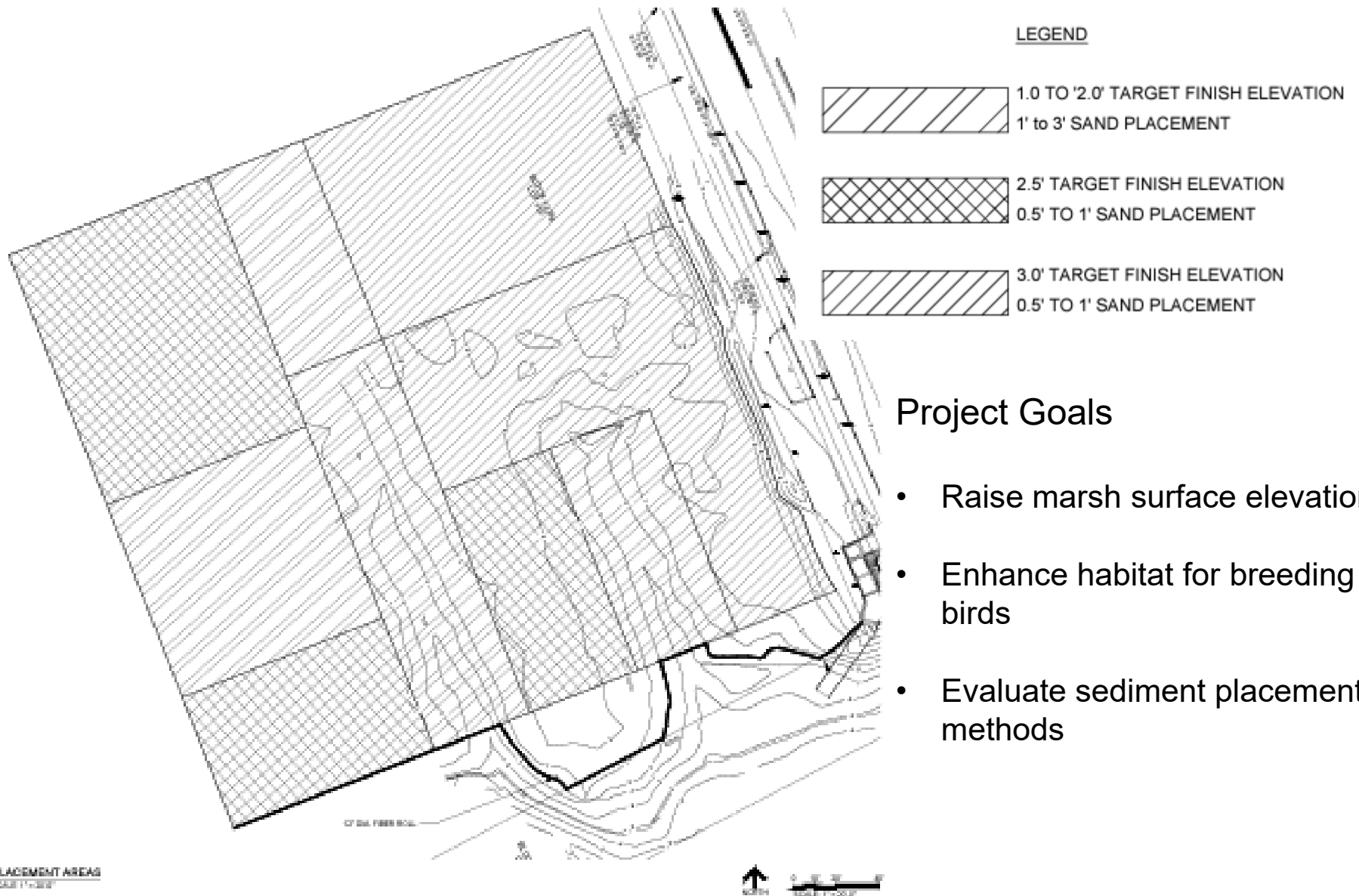
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Hook Creek South Restoration

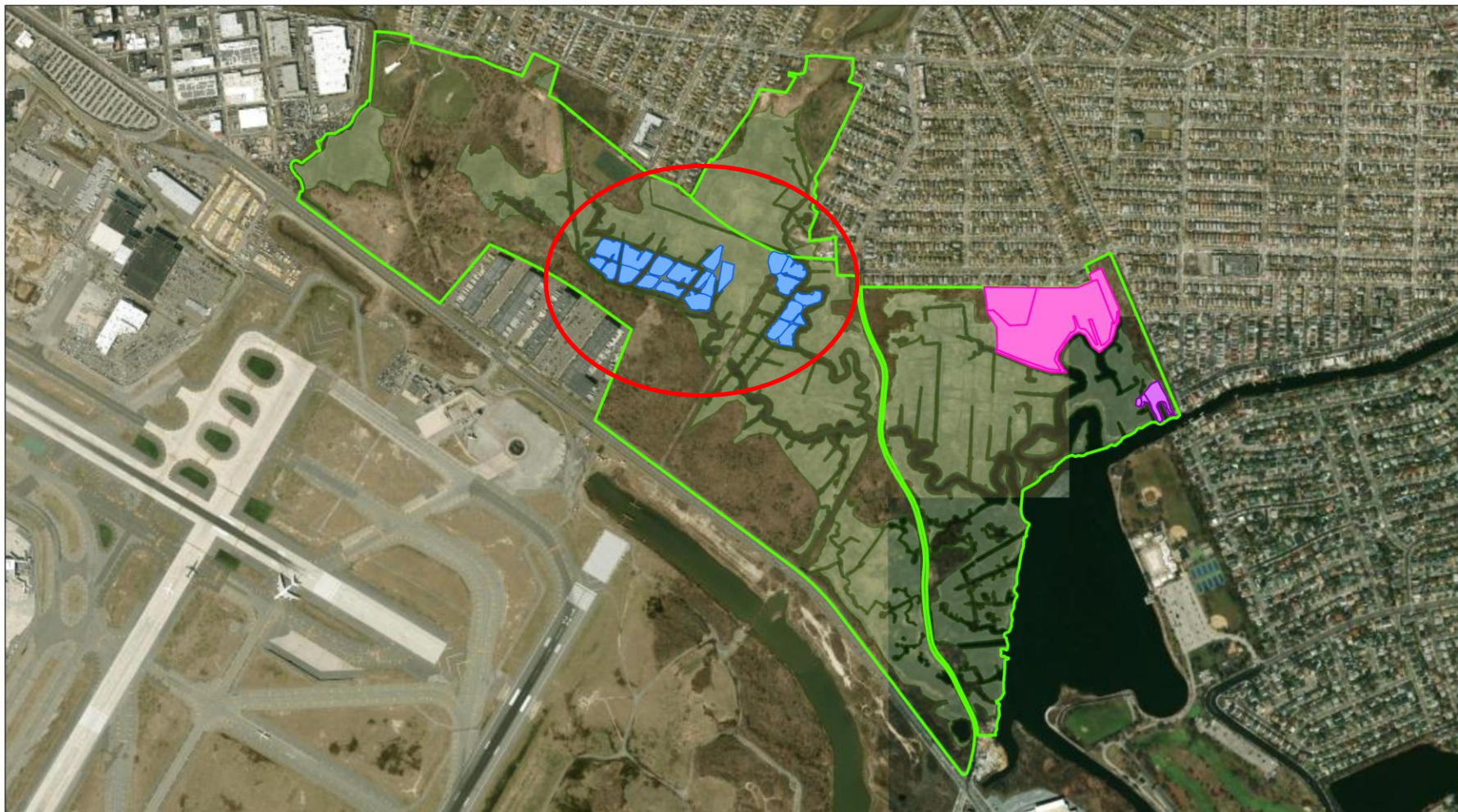


Hook Creek South Construction



Hook Creek South





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Landing Lights Restoration



LEGEND:



PARCELS 1-7: BASE BID, 3.0-3.5' TARGET FINISH ELEVATION, 6-24" SAND PLACEMENT



PARCELS 8-12: ADD ALT 1, 3.0-3.5' TARGET FINISH ELEVATION, 6-24" SAND PLACEMENT



PARCELS 13-16: ADD ALT 2, 3.0-3.5' TARGET FINISH ELEVATION, 6-24" SAND PLACEMENT



PARCELS 18-20: ADD ALT 3, 3.0-3.5' TARGET FINISH ELEVATION, 6-24" SAND PLACEMENT



HIGH MARSH ISLANDS PARCELS: BASE BID, APPROX. 1,000-1,500 SQ. FT. AREA OF ISLANDS WITH UP TO 6" SEDIMENT PLACEMENT. LOCATIONS AND SHAPING TO BE FIELD DIRECTED BY NYC PARKS PROJECT MANAGER.



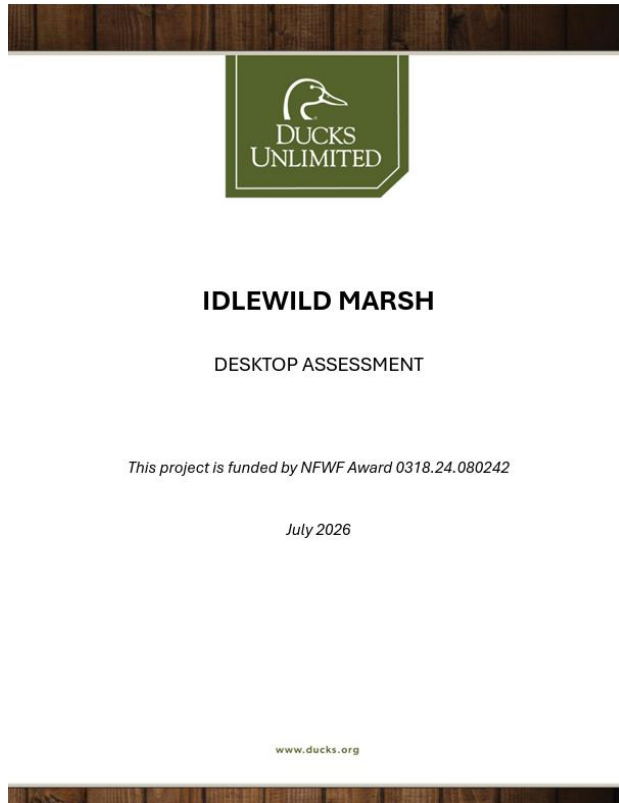
Idlewild Marsh Restoration and Management Planning



Project Approach

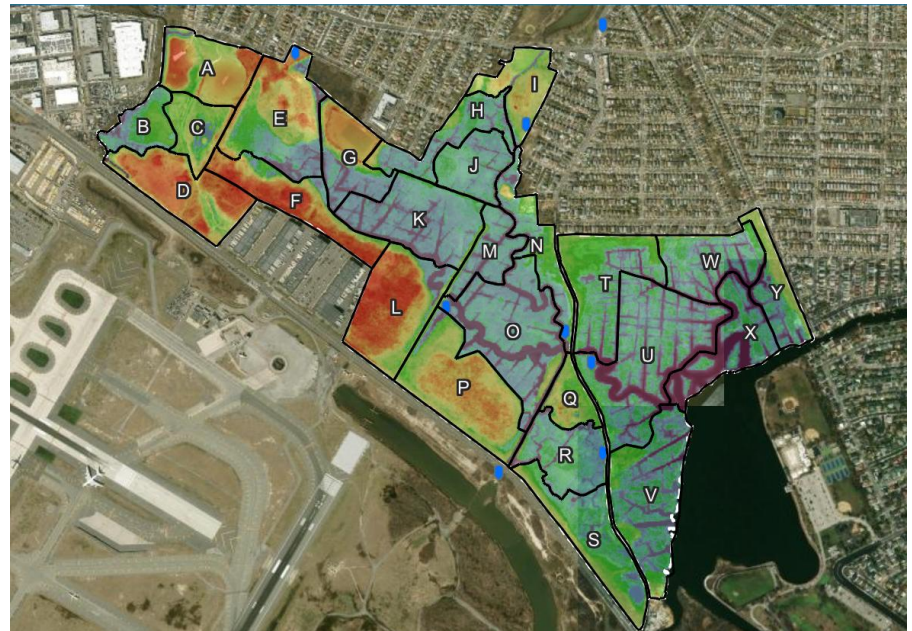
- Compile and summarize existing data
- Identify wetland restoration and management goals and proposed restoration techniques
- Create prioritized restoration units
- Identify one priority restoration unit and develop 30% designs

Idlewild Marsh Desktop Assessment



Components

- Desktop review of data and summary of current conditions
- Proposed restoration techniques
- Parkwide conceptual restoration recommendation strategy





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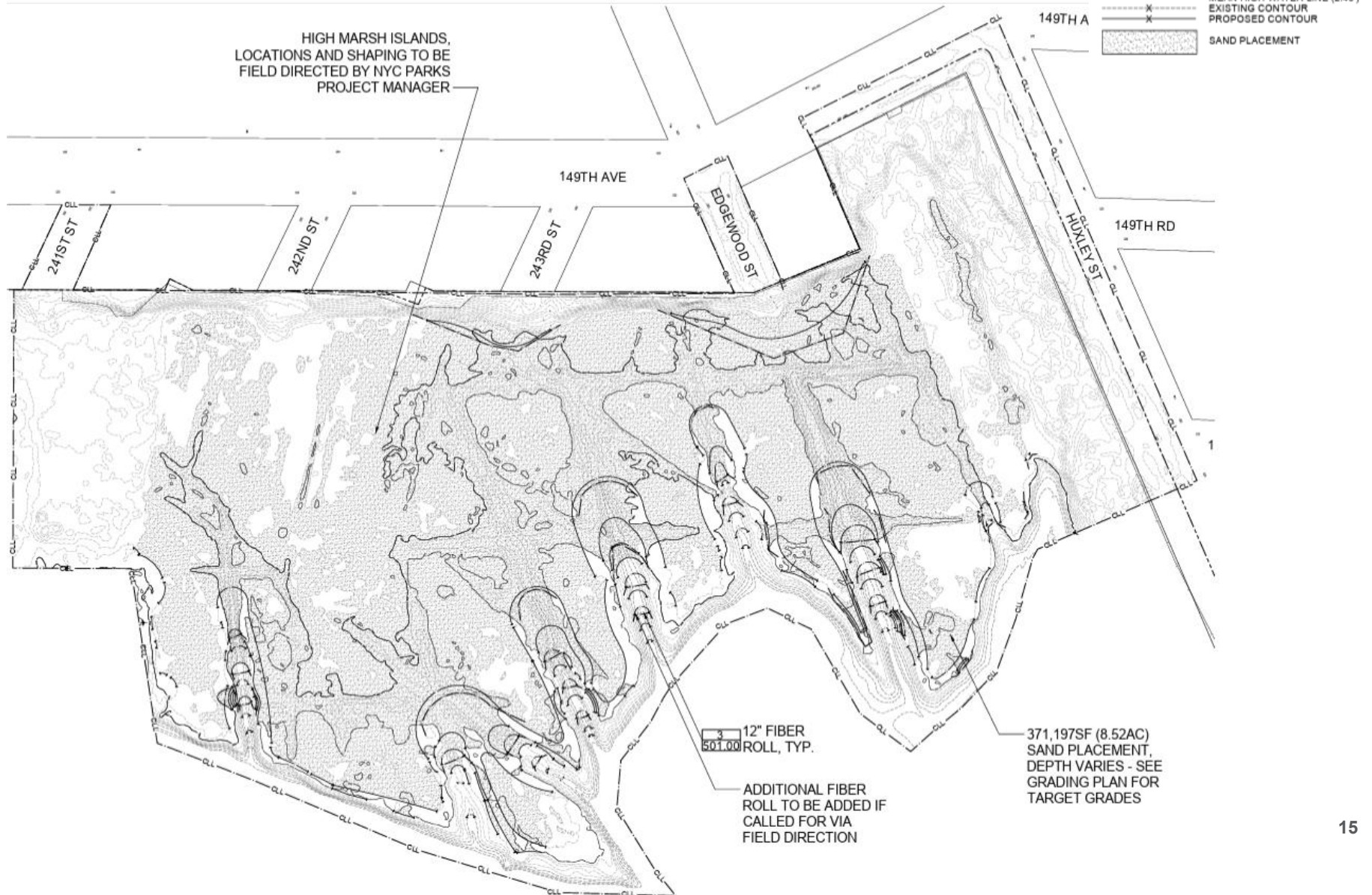
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Unit W - Hook Creek North Restoration



Hook Creek North Restoration



Next Steps for Idlewild Marsh

- Hook Creek South
 - Monitoring and adaptive management
- Landing Lights
 - Construction, monitoring, and adaptive management
- Hook Creek South
 - Pursue funding for completion of designs and construction
- Ditch remediation and develop monitoring protocol
- Pursue funding to design and construct future projects