



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

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September 25, 2019

VIA UPS

Application Support
New Jersey Department of Environmental Protection
Division of Land Use Regulation
501 E. State Street
Station Plaza Five, 2nd Floor
Trenton, NJ 08609

Re: Coastal General Permit No.13 Application
Terminus of Grange Avenue and Hance Road
Borough of Fair Haven, Monmouth County, NJ
MC Project No. 17004982B

Dear Sir/Madam:

On behalf of the applicant, the Borough of Fair Haven, Maser Consulting P.A. respectfully submits this application for a Coastal General Permit No. 13 for the improvements of Grange Avenue and Hance Road Pocket Parks off the Navesink River. The subject property is located in the Borough of Fair Haven in Monmouth County, New Jersey.

The following items are enclosed for your consideration:

1. Executed DLUR Application Form;
2. Check No. 167198 for the application fee of \$1,000.00 made payable to "Treasurer, State of New Jersey";
3. Certified receipts as proof that a notification letter was sent to the Borough of Fair Haven Municipal Clerk, Borough of Fair Haven Planning Board, Borough of Fair Haven Environmental Commission, Borough of Fair Haven Construction Official, Monmouth County Planning Board, Monmouth County Soil Conservation District, and all property owners within 200 feet of the site; a copy of the notification letter; and a copy of the 200' property owners list;
4. UPS receipt as proof that a copy of the application was sent to the municipal clerk;



5. Three (3) copies of the “Compliance Statement for Coastal General Permit No.13 for Grange Avenue and Hance Road Improvements, Borough of Fair Haven, Monmouth County, New Jersey”, dated September 25, 2019, including copies of the municipal tax map, up-to-date county road map, and USGS quad map with the site clearly outlined, site photographs, and the results of a Natural Heritage Program database search; and
6. Three (3) copies of the “Construction Plans for Bulkhead Replacement Grange Avenue & Hance Road Pocket Parks and Battin Road Boat Ramp Replacement” Sheets S-1.1, S-1.2, S-2.1, S-2.2, dated April, 2 2019, and prepared by Maser Consulting P.A.

Please let us know if you have any questions or require additional information. I can be reached at jmccort@maserconsulting.com or by telephone at (732) 383-1950.

Very truly yours,

MASER CONSULTING P.A.

A handwritten signature in blue ink, appearing to read 'Jacqueline M. McCort', is written over the printed name and title.

Jacqueline M. McCort
Senior Environmental Scientist

JMM/tla

Enclosures

cc: Borough of Fair Haven Municipal Clerk, w/enclosure



State of New Jersey
Department of Environmental Protection
Division of Land Use Regulation

Application Form for Permit(s)/Authorization(s)
501 E. State Street Mail Code 501-02A P.O. Box 420
Trenton, NJ 08625-0420

Phone #: (609) 777-0454 Web: www.nj.gov/dep/landuse



Please print legibly or type the following: Complete all sections and pages unless otherwise noted. Is this project a NJDOT Priority 1 Repair Project? Yes ☐ No ☒

Is this project a NJDOT Priority 2 Repair Project? Yes ☐ No ☒

1. Applicant Name: Mr./Ms./Mrs. Borough of Fair Haven E-Mail: _____
Address: 748 River Road Daytime Phone: _____ Ext. _____
City/State: Fair Haven, NJ Zip Code 07704 Cell Phone: _____
2. Agent Name: Mr./Ms./Mrs. Joseph P. Layton E-Mail: jlayton@maserconsulting.com
Firm Name: Maser Consulting P.A. Daytime Phone: 732-383-1950 Ext. 3363
Address: 331 Newman Springs Road, Suite 203 Zip Code 07701 Cell Phone: _____
City/State: Red Bank, NJ
3. Property Owner: Mr./Ms./Mrs. Borough of Fair Haven E-mail: _____
Address: 748 River Road Daytime Phone: _____ Ext. _____
City/State: Fair Haven, NJ Zip Code 07704 Cell Phone: _____
4. Project Name: Grange Ave and Hance Rd Pocket Parks Address/Location: Term. of Grange Rd & Hance Ave
Municipality: Borough of Fair Haven County: Monmouth Zip Code 07704
Block(s): Grange Ave and Hance Rd R-O-W Lot(s): Grange Ave and Hance Road R-O-W
N.A.D. 1983 State Plane Coordinates (feet) E (x): 616777; 617168 N(y): 557789; 558133 Not Longitude/Latitude
Watershed: Navesink R/Lower Shrewsbury R Subwatershed: Navesink R(belRt 35)/Lower Shrewsbury
Nearest Waterway: Navesink River
5. Project Description: The Borough is seeking to enhance access to, and use of, the existing public pocket parks at the terminus of Grange Avenue and Hance Road in the Borough. Improvements include bulkhead reconstruction, construction of stairs, and seating areas.

Provide if applicable: Previous LUR File # (s): _____ Waiver request ID # (s): _____

A. SIGNATURE OF APPLICANT (required):

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. If the applicant is an organization such as a corporation, municipal entity, home-owners association etc., the party responsible for the application shall sign on behalf of the organization.

Signature of Applicant

Date

Theresa S. Casagrande, Borough Administrator

Print Name

Signature of Applicant

Date

Print Name

B. PROPERTY OWNER'S CERTIFICATION

I hereby certify that the undersigned is the **owner of the property** upon which the proposed work is to be done. This endorsement is certification that the owner/easement holder grants permission for the conduct of the proposed activity. In addition, written consent is hereby given to allow access to the site by representatives or agents of the Department for the purpose of conducting a site inspection(s) or survey(s) of the property in question.

In addition, the undersigned property owner hereby certifies:

1. Whether any work is to be done within an easement? Yes ☐ No ☒
(If answer is "Yes" – Signature/title of responsible party is required below)
2. Whether any part of the entire project will be located within property belonging to the State of New Jersey? Yes ☐ No ☒
3. Whether any work is to be done on any property owned by any public agency that would be encumbered by Green Acres? Yes ☐ No ☒
4. Whether this project requires a Section 106 (National Register of Historic Places) Determination as part of a federal approval? Yes ☐ No ☒

Signature of Owner

Date

Theresa S. Casagrande, Borough Administrator

Print Name

Signature of Owner/Easement Holder

Date

Print Name/Title

C. APPLICANT'S AGENT

I, Theresa S. Casagrande, the Applicant/Owner and _____, co-Applicant/Owner authorize to act as my agent/representative in all matters pertaining to my application the following person:

Joseph P. Layton

Name of Agent

Environmental consultant

Occupation/Profession of Agent

Signature of Applicant/Owner

Signature of co-Applicant/Owner

AGENT'S CERTIFICATION:

I agree to serve as agent for the above-referenced applicant:

Signature of Agent

Maser Consulting P.A.

Name of Firm

D. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, SURVEYOR'S OR ENGINEER'S REPORT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Signature

Richard C. Maloney, P.E.

Print Name

Discipline Leader, Maser Consulting P.A.

Position & Name of Firm

GE39023

Professional License #

Date

E. STATEMENT OF PREPARER OF APPLICATION, REPORTS AND/OR SUPPORTING DOCUMENTS (other than engineering)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Signature

Joseph P. Layton

Print Name

Principal Associate, Maser Consulting P.A.

Position & Name of Firm

N/A

Professional License #

(If Applicable)

Date

FEE CALCULATION TIPS:

- Whenever the calculation requires an acreage figure (including the Stormwater calculations), you will need to round UP to the nearest whole number, for example: 0.25 acres gets rounded up to one (1) acre or 2.61 acres gets rounded up to three (3) acres.
- The maximum fee for a CAFRA Individual permit, an Upland Waterfront Development permit, or an In-Water Waterfront Development permit is \$30,000 per permit type. For example: if you are applying for both an upland and an in-water Waterfront Development the maximum fee is applied to each permit for a maximum total of \$60,000 plus any applicable stormwater review fee.
- The stormwater review fee is applied only one time per project, maximum of \$20,000, regardless of multiple applications.

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Coastal General Permits	Fee Amount	Fee Paid
☐	CZMGP1 Amusement Pier Expansion	\$1,000.00	
☐	CZMGP2 Beach/Dune Activities	\$1,000.00	
☐	CZMGP3 Voluntary Reconstruction Certain Residential/Commercial Dev.	\$1,000.00	
☐	CZMGP4 Development of one or two SFH or Duplexes	\$1,000.00	
☐	CZMGP5 Expansion or Reconstruction SFH/Duplex	\$1,000.00	
☐	CZMGP6 New Bulkhead/Fill Lagoon	\$1,000.00	
☐	CZMGP7 Revetment at SFH/Duplex	\$1,000.00	
☐	CZMGP8 Gabions at SFH/Duplex	\$1,000.00	
☐	CZMGP9 Support Facilities at a Marina	\$1,000.00	
☐	CZMGP10 Reconstruction of Existing Bulkhead	\$1,000.00	
☐	CZMGP11 Hazard Waste Clean-up	\$1,000.00	
☐	CZMGP12 Landfill of Utilities	\$1,000.00	
☒	CZMGP13 Recreation Facility at Public Park	\$1,000.00	\$1,000
☐	CZMGP14 Bulkhead Construction & Fill Placement	\$1,000.00	
☐	CZMGP15 Construction of Piers/Docks/Ramps in Lagoons	\$1,000.00	
☐	CZMGP16 Minor Maintenance Dredging in Lagoons	\$1,000.00	
☐	CZMGP17 Eroded Shoreline Stabilization	\$1,000.00	
☐	CZMGP18 Avian Nesting Structures	\$1,000.00	
☐	CZMGP19 Modification of Electrical Substations	\$1,000.00	
☐	CZMGP20 Legalization of the Filling of Tidelands	\$1,000.00	
☐	CZMGP21 Construction of Telecommunication Towers	\$1,000.00	
☐	CZMGP22 Construction of Tourism Structures	\$1,000.00	
☐	CZMGP23 Geotechnical Survey Borings	\$1,000.00	
☐	CZMGP24 Habitat Creation, Restoration, Enhancement, Living Shorelines	No Fee	No Fee
☐	CZMGP25 1 to 3 Turbines < 200 Feet	\$1,000.00	
☐	CZMGP26 Wind Turbines < 250 Feet	\$1,000.00	
☐	CZMGP27 Dredge Lagoon (post storm event)	\$1,000.00	
☐	CZMGP28 Dredge post Bulkhead Failure	\$1,000.00	
☐	CZMGP29 Dredge Marina (post storm event)	\$1,000.00	
☐	CZMGP30 Aquaculture Activities	\$1,000.00	
☐	CZMGP31 Placement of Shell (shellfish areas)	\$1,000.00	
☐	CZMGP32 Application of Herbicide in Coastal Wetlands	\$1,000.00	
☐	CZM Permit-by-Certification (On-line application ONLY)	\$1000.00	

	Coastal Individual Permits	Fee Amount	Fee Paid
☐	CAFRA – IP SFH or Duplex	\$2,000	
☐	CAFRA – IP Residential not SFH/duplex	\$3,000 x _____ # of units	
☐	CAFRA – IP Commercial, Industrial or Public	\$3,000 x _____ acres of the site	
☐	WD – IP SFH or Duplex (Upland/Landward of MHWL)	\$2,000	
☐	WD – IP Residential not SFH/duplex (Upland/Landward of MHWL)	\$3,000 x _____ # of units	
☐	WD – IP Commercial, Industrial or Public Development (Upland/Landward of MHWL)	\$3,000 x _____ acres of the site	
☐	WD – IP SFH or Duplex (Waterward of MHWL)	\$2,000	
☐	WD – IP Residential not SFH/duplex (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
☐	WD – IP Commercial, Industrial or Public Development (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
☐	CSW – IP SFH or Duplex	\$2,000	
☐	CSW – IP All Development not SFH/duplex	\$3,000 x _____ acres of wetlands disturbed	

	Additional Coastal Authorizations	Fee Amount	Fee Paid
☐	Modification of a Coastal GP	\$500	
☐	Minor Technical Modification of a Coastal Wetland Permit	\$500 x _____ # of items to be revised	
☐	Minor Technical Modification of a CAFRA IP	\$500 x _____ # of items to be revised	
☐	Minor Technical Modification of a Waterfront IP	\$500 x _____ # of items to be revised	
☐	Major Technical Modification of a Coastal Wetland Permit	0.30 x _____ original fee = Fee (Minimum \$500)	
☐	Major Technical Modification of a CAFRA IP	0.30 x _____ original fee = Fee (Minimum \$500)	
☐	Major Technical Modification of a Waterfront IP	0.30 x _____ original fee = Fee (Minimum \$500)	
☐	Zane Letter (Waterfront Development Exemption)	\$500	
☐	CAFRA Exemption Request	\$500	
☐	CZM General Permit Extension	\$240 x _____ # of GPs to be extended	
☐	Waterfront Development Individual Permit – Extension (Waterward of MHWL)	0.25 x _____ original fee = Fee (Maximum \$3,000)	
☐	Meadowlands District Water Quality Certificate	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
☐	Individual Permit Equivalency/CERCLA	No Fee	No Fee

	Consistency Determination	Fee Amount	Fee Paid
☐	Water Quality Certificate (NOTE: No fee required under the coastal program)	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
☐	Federal Consistency	No Fee	No Fee

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Freshwater Wetlands General Permits	Fee Amount	Fee Paid
☐	FWGP1 Main. & Repair Exist Feature	\$1,000.00	
☐	FWGP2 Underground Utility Lines	\$1,000.00	
☐	FWGP3 Discharge of Return Water	\$1,000.00	
☐	FWGP4 Hazard Site Invest/Cleanup	\$1,000.00	
☐	FWGP5 Landfill Closures	\$1,000.00	
☐	FWGP6 Filling of Non-Tributary Wetlands	\$1,000.00	
☐	FWGP6A TA Adj. to Non-Tributary Wetlands	\$1,000.00	
☐	FWGP7 Human-made Ditches/Swales in Headwaters	\$1,000.00	
☐	FWGP8 House Additions	\$1,000.00	
☐	FWGP9 Airport Sight-line Clearing	\$1,000.00	
☐	FWGP10A Very Minor Road Crossings	\$1,000.00	
☐	FWGP10B Minor Road Crossings	\$1,000.00	
☐	FWGP11 Outfalls / Intakes Structures	\$1,000.00	
☐	FWGP12 Surveying and Investigating	\$1,000.00	
☐	FWGP13 Lake Dredging	\$1,000.00	
☐	FWGP14 Water Monitoring Devices	\$1,000.00	
☐	FWGP15 Mosquito Control Activities	\$1,000.00	
☐	FWGP16 Creation/Restoration/Enhancement Habitat	No Fee	No Fee
☐	FWGP17 Trails / Boardwalks	\$1,000.00	
☐	FWGP17A Non-Motorized Multi-Use Paths	\$1,000.00	
☐	FWGP18 Dam Repairs	\$1,000.00	
☐	FWGP19 Docks and Piers	\$1,000.00	
☐	FWGP20 Bank Stabilization	\$1,000.00	
☐	FWGP21 Above Ground Utility Lines	\$1,000.00	
☐	FWGP22 Expansion Cranberry Growing (Pinelands)	No Fee	No Fee
☐	FWGP23 Spring Developments	\$1,000.00	
☐	FWGP24 Malfunctioning Individual Septic Systems	No Fee	No Fee
☐	FWGP25 Minor Channel / Stream Cleaning	\$1,000.00	
☐	FWGP26 Redevelop Previously Disturbed Site	\$1,000.00	
☐	FWGP27 Application of herbicide in wetlands	\$1,000.00	

	Highlands	Fee Amount	Fee Paid
☐	Pre-application Meeting	\$500.00	
☐	Resource Area Determination Presence/Absence	\$500.00	
☐	Resource Area Determination $\leq$ one acre	\$500.00	
☐	Resource Area Determination $>$ one acre	\$750 + (\$100 x _____ # of acres of the site)	
☐	Resource Area Determination Extension	0.25 x _____ original fee (Minimum \$500)	
☐	HPAAGP 1/ Habitat Creation/Enhance	No Fee	No Fee
☐	HPAAGP 2 Bank Stabilization	\$500.00	
☐	Preservation Area Approval (PAA)		
☐	PAA with Waiver (Specify type below)		
	Waiver Type:		
☐	HPAA Extension	\$1,000	

	Freshwater Individual Permits	Fee Amount	Fee Paid
☐	FWW IP-SFH/Duplex-Wetlands	\$2,000	
☐	FWW IP-Wetlands (not SFH/Duplex)	\$5,000 + (\$2,500 x _____ # acres FWW disturbed)	
☐	FWW IP-SFH/Duplex-Open Water	\$2,000	
☐	FWW IP-Open Water (not SFH/Duplex)	\$5,000 + (\$2,500 x _____ # acres FWW disturbed)	

	Freshwater Wetlands Transition Area Waivers	Fee Amount	Fee Paid
☐	TAW Averaging Plan	With valid LOI \$1,000 + (\$100 x _____ # acres TA disturbed)	
☐	TAW Hardship Reduction		
☐	TAW Reduction per N.J.A.C. 7:7A-8.1(d)		
☐	TAW Special Activity Individual Permit		
☐	TAW Special Activity Linear Development	Without valid LOI \$1000 + (\$100 x _____ acres TA disturbed) + LOI Fee	
☐	TAW Special Activity Redevelopment		
☐	TAW Special Activity Stormwater		

	Letter of Interpretation	Fee Amount	Fee Paid
☐	LOI Presence Absence	\$1,000.00	
☐	LOI Footprint of Disturbance (3 Maximum)	\$1,000.00 each	
☐	LOI Delineation $\leq$ 1.00 Acres	\$1,000.00	
☐	LOI Verification	\$1,000 + (\$100 x _____ # of acres of the site)	
☐	LOI Partial Site Verification	\$1,000 + (\$100 x _____ # of acres of the site subject to LOI)	
☐	LOI Extension Presence/Absence, Footprint, Delineation $<$ 1 acre (Re-Issuance)	\$500	
☐	LOI Extension Line Verification (Re-Issuance)	0.50 x _____ original fee (Minimum \$500)	

	Additional Freshwater Wetlands Authorizations	Fee Amount	Fee Paid
☐	FWGP Administrative Modification	No fee	No Fee
☐	FWGP Minor technical modification	\$500.00	
☐	FWGP Major technical modification	\$500.00	
☐	Individual Permit Administrative Modification	No Fee	No Fee
☐	Individual Permit Minor Technical Modification	\$500.00	
☐	Individual Permit Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
☐	TAW Administrative Modification	No Fee	No Fee
☐	TAW Minor Technical Modification	\$500.00	
☐	TAW Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
☐	FWGP Extension	\$500 x _____ # of items to be extended	
☐	Individual Permit/Open Water Permit Extension	0.30 x _____ original fee (Minimum \$500)	
☐	TAW Extension	\$500 x _____ # of items to be extended	
☐	Freshwater Wetlands Exemption	\$500.00	
☐	TAW Exemption	\$500.00	
☐	Permit Equivalency/CERCLA	No Fee	No Fee

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Flood Hazard Area General Permits	Fee Amount	Fee Paid
☐	FHAGP1 Channel Clean w/o Sediment Removal	No Fee	
☐	FHAGP1 Channel Clean w/Sediment Removal	No Fee	
☐	FHAGP2 Mosquito Control	\$1,000.00	
☐	FHAGP3 Scour Protection Bridges/Culverts	\$1,000.00	
☐	FHAGP4 Creation/Restoration/Enhancement of Habitat and Water Quality Values and Functions	No Fee	
☐	FHAGP5 Reconstruction and/or Elevation of Building in a Floodway	No Fee	
☐	FHAGP6 Construction of One SFH/Duplex and Driveway	\$1,000.00	
☐	FHAGP7 Relocation of Manmade Roadside Ditches for Public Roadway Improvements	\$1,000.00	
☐	FHAGP8 Placement of Storage Tanks	\$1,000.00	
☐	FHAGP9 Construction/Reconstruction of Bridge/Culvert Across Water < 50 Acres	\$1,000.00	
☐	FHAGP10 Construction/Reconstruction of Bridge/Culvert Across Water ≥ 50 Acres	\$1,000.00	
☐	FHAGP11 Stormwater Outfall Along Regulated Water <50 Acres	\$1,000.00	
☐	FHAGP12 Construction of Footbridges	\$1,000.00	
☐	FHAGP13 Construction of Trails and Boardwalks	\$1,000.00	
☐	FHAGP14 Application of herbicide in riparian zone	\$1,000.00	

	Flood Hazard Area Individual Permits	Fee Amount	Fee Paid
☐	FHA - IP SFH and/or Accessory Structures	\$2,000	
☐	Individual Permit (Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
	FHA - IP Utility*	+ (\$1,000 x _____# of water crossings)	
	FHA - IP Bank/Channel (No Calculation Review) *	+ \$1,000	
	FHA - IP Bank/Channel (With Calculation Review) *	+ (\$4,000 + (\$400 x _____per 100 linear ft.))	
	FHA - IP Bridge/Culvert/Footbridge/Low Dam (No Calculation Review)*	+ (\$1,000 x _____# of structures)	
	FHA - IP Bridge/Culvert/Footbridge/Low Dam (With Calculation Review) *	+ (\$4,000 x _____# of structures)	
	FHA - Review of Flood Storage Displacement (net fill) Calculations*	+ \$4,000	
	Total	IP Review Fee	

	Flood Hazard Area Verifications	Fee Amount	Fee Paid
☐	Verification-Delineation of Riparian Zone Only	\$1,000	
☐	Verification-Method 1 (DEP Delineation) *	\$1,000	
☐	Verification-Method 2 (FEMA Tidal Method) *	\$1,000	
☐	Verification-Method 3 (FEMA Fluvial Method) *	\$1,000	
☐	Verification-Method 4 (FEMA Hydraulic Method)	\$4,000 + (\$400 x _____per 100 linear feet)	
☐	Verification-Method 5 (Approximation Method) *	\$1,000	
☐	Verification-Method 6 (Calculation Method)	\$4,000+(\$400 x _____per 100 linear feet)	

*Fee not applicable to (1) SFH

	Additional Flood Hazard Area Authorizations	Fee Amount	Fee Paid
☐	FHA Hardship Exception Request	\$4,000	
☐	FHA GP Administrative Modification	No Fee	No Fee
☐	FHA GP Minor technical modification	\$500 x _____# of project elements to be revised	
☐	FHA GP Major technical modification	0.30 x _____original fee (Minimum \$500)	
☐	FHA Individual Permit Administrative Modification	No Fee	No Fee
☐	FHA Individual Permit Minor Technical Modification	\$500 x _____# of project elements to be revised	
☐	FHA Individual Permit Major Technical Modification	0.30 x _____original fee (Minimum \$500)	
☐	FHA Verification Administrative Modification	No Fee	No Fee
☐	FHA Verification Minor Technical Modification	\$500 x _____# of project elements to be revised	
☐	FHA Verification Major Technical Modification	0.30 x _____original fee (Minimum \$500)	
☐	FHA GP Extension	\$240	
☐	FHA Individual Permit Extension	0.25 x _____original fee	
☐	FHA Verification Extension of Methods 1, 2, 3, 5, or Riparian Zone Only	\$240	
☐	FHA Verification Extension of Methods 4 or 6	0.25 x _____original fee	
☐	FHA Individual Permit Equivalency/CERCLA	No Fee	No Fee
☐	FHA GP Administrative Modification	No Fee	No Fee

Stormwater Review Fee (Maximum Fee = \$20,000)	Fee Amount (Round UP to the nearest whole number)	Fee Paid
☐ Stormwater Review (Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
Review of Groundwater Calculations	+ \$250 x _____# acres disturbed	
Review of Runoff Quantity Calculations	+ \$250 x _____# acres disturbed	
Review of Water Quality Calculations	+ \$250 x _____# acres impervious surface	
Total	Stormwater Review Fee	

	Applicability Determination	Fee Amount	Fee Paid
☐	Coastal Applicability Determination	No Fee	No Fee
☐	Flood Hazard Applicability Determination	No Fee	No Fee
☐	Highlands Jurisdictional Determination	No Fee	No Fee
☐	Executive Order 215	No Fee	No Fee

TOTAL FEE:	\$1,000.00
CHECK NUMBER:	

*Fee not applicable to (1) SFH

APPLICANT NAME: Borough of Fair Haven

FILE # (if known): _____

APPLICATION FORM - APPENDIX I

Section 1: Please provide the following information for the overall project site. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres).

<u>PROPOSED:</u>	<u>PRESERVED</u>	<u>UNDISTURBED</u>	<u>DISTURBED</u>
RIPARIAN ZONE	_____	_____	_____
CZMRA FORESTED (CZMRA IP – Only)	_____	_____	_____
E & T HABITAT Endangered and/or Threatened	_____	_____	_____
FRESHWATER WETLANDS	_____	_____	_____

Section 2: Please provide the following information for each permit/authorization requested pursuant to the Freshwater Wetlands Protection Act. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres). Use additional sheets if necessary

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
_____	_____	_____

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
_____	_____	_____

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____



Firm Mailing Book For Accountable Mail

Name and Address of Sender		Check type of mail or service		Affix Stamp Here (for additional copies of this receipt). Postmark with Date of Receipt.													
USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee	
1. 17 0049 B2 B	3832	Alan & Anne Goldberg 180 Grange Avenue Fair Haven, NJ 07702		50	350												
2. 1 2 1	3852	Beverly E. Malinoski 11 Cooney Terrace Fair Haven, NJ 07704															
3. 1 1 1	3869	Barrie T. Fahey Rev Tr. c/o HCS POB 2430 Farmingdale, NJ 07727															
4. 1 1 1	387L	John & Mary Lou Jennings 6 Cooney Terrace Fair Haven, NJ 07704															
5. 1 1 1	3883	Joseph J. & Carol K. Belmonte 156 Grange Avenue Fair Haven, NJ 07704															
6. 1 1 1	3890	Christopher J. & Vanessa Spagnuolo 168 Grange Avenue Fair Haven, NJ 07704															
7. 1 1 1	390L	Suzanne M. Gill 155 Grange Avenue Fair Haven, NJ 07704															
8. 1 1 1	3913	Liran & Erin Blum 167 Grange Avenue Fair Haven, NJ 07704															
Total Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster, Per (Name of receiving employee)															



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17004982B		☐ Adult Signature Required ☐ Adult Signature Restricted Delivery ☒ Certified Mail ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery (COD) ☐ Insured Mail ☐ Priority Mail		☐ Priority Mail Express ☐ Registered Mail ☒ Return Receipt for Merchandise ☐ Signature Confirmation ☐ Signature Confirmation Restricted Delivery													
1. 7019 0701 0001 0416 3920		Kevin R. Padnee & Lisa M. Hawkins 149 Grange Avenue Fair Haven, NJ 07704		-50350									260				
2. 3937		NJ American Water Company c/o Scott Segal One Water Street Camden, NJ 08102															
3. 2944		Borough of Red Bank Department of Public Utilities Joseph E. Buonaccolata 75 Chestnut Street Red Bank, NJ 07701															
4. 3951		JCP&L Manager-Real Estate 300 Madison Avenue Morristown, NJ 07962															
5. 3968		NJ Natural Gas Company Joan Purcara, ROW & Claims Rep POB 1464 Wall, NJ 07719															
6. 3976		Monmouth County Planning Board Director POB 1255 Freehold, NJ 07728															
7. 3982		TRWRA 1 Highland Avenue Monmouth Beach, NJ 07757															
8. 3999		Municipal Clerk Borough of Fair Haven 748 River Road Fair Haven, NJ 07704															
Total Number of Pieces Listed by Sender: 8		Total Number of Pieces Received at Post Office: 8		Postmaster, Per (Name of receiving employee):													



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USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. 12049 B2B 4002	Planning Board Borough of Fair Haven 748 River Road Fair Haven, NJ 07704	50350											260			
2. 7 7 7 7 4019	Environmental Commission Borough of Fair Haven 748 River Road Fair Haven, NJ 07704	111														
3. 2 1 1 4026	Construction Official Borough of Fair Haven 748 River Road Fair Haven, NJ 07704															
4. 2 7 7 4033	Freehold SCD 4000 Kozloski Road - PO Box 5033 Freehold, NJ 07728															
5.																
6.																
7.																
8.																
Total Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster, Per (Name of receiving employee)														



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USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee	
1/019 0700 0001 0418 4040		George Hower & Laura Kent-Hower 18 Hance Road Fair Haven, NJ 07704		\$0.35													
2. 1 . 3845		Martin & Deborah Feinberg 11 Oyster Bay Drive Rumson, NJ 07760															
3/019 0700 0001 0423 8873		Brian & Susan Mauro 30 Cooney Terrace Fair Haven, NJ 07704															
4. 2 3 4 6813		Alfred J. & Barbara B. Schiavetti 27 Cooney Terrace Fair Haven, NJ 07704															
5. 1 . . . 6724		Ralph & Meta Wyndrum 35 Cooney Terrace Fair Haven, NJ 07704															
6. . . . 6830		Joseph Calabro 15 Hance Road Fair Haven, NJ 07704															
7. 1 1 6 6841		Aaron & Ariel Greenblatt 1 Hance Road Fair Haven, NJ 07704															
8. 1 . . 6731		NJ American Water Company c/o Scott Segal One Water Street Camden, NJ 08102															
Total Number of Pieces Listed by Sender 8		Total Number of Pieces Received at Post Office 8		Postmaster, Per (Name of receiving employee) TD													



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Name and Address of Sender		Check type of mail or service		Affix Stamp Here (for additional copies of this receipt). Postmark with Date of Receipt.													
USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee	
17004982B		☐ Adult Signature Required ☐ Priority Mail Express ☐ Adult Signature Restricted Delivery ☐ Registered Mail ☒ Certified Mail ☒ Return Receipt for Merchandise ☐ Certified Mail Restricted Delivery ☐ Signature Confirmation ☐ Collect on Delivery (COD) ☐ Signature Confirmation Restricted Delivery ☐ Insured Mail ☐ Priority Mail		#2 (Hance)													
17019 0700 0001 0417 6748		Borough of Red Bank Department of Public Utilities Joseph E. Buonaccolista 75 Chestnut Street Red Bank, NJ 07701		50	350								280				
2. 2 2		JCP&L Manager-Real Estate 100 Madison Avenue Morristown, NJ 07962															
3. 2 2		NJ Natural Gas Company Joan Purcara, ROW & Claims Rep POB 1464 Wall, NJ 07719															
4. 2 2		Monmouth County Planning Board Director POB 1255 Freehold, NJ 07728															
5. 2 2		TRWRA 1 Highland Avenue Monmouth Beach, NJ 07757															
6. 2 2		Municipal Clerk Borough of Fair Haven 748 River Road Fair Haven, NJ 07704															
7. 2 2		Planning Board Borough of Fair Haven 748 River Road Fair Haven, NJ 07704															
8. 2 2		Environmental Commission Borough of Fair Haven 748 River Road Fair Haven, NJ 07704															
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17004982B		☐ Adult Signature Required ☐ Priority Mail Express ☐ Adult Signature Restricted Delivery ☐ Registered Mail ☒ Certified Mail ☒ Return Receipt for Merchandise ☐ Certified Mail Restricted Delivery ☐ Signature Confirmation ☐ Collect on Delivery (COD) ☐ Signature Confirmation Restricted Delivery ☐ Insured Mail ☐ Signature Confirmation Restricted Delivery ☐ Priority Mail															
1019 0122 0001 0417 6661		Construction Official Borough of Fair Haven 748 River Road Fair Haven, NJ 07704		\$0	350	Handling Charge - if Registered and over \$50,000 in value							260				
2. 2' 4' 7' 6276		Freehold SCD 1000 Kozloski Road - PO Box 5033 Freehold, NJ 07728		1	1								1				
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
Total Number of Pieces Listed by Sender 2		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)													



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

Corporate Headquarters
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950
F: 732.383.1984
www.maserconsulting.com

Coastal General Permit Application Notice to Neighboring Landowners

Date: September 26, 2019

Re: Application submitted by: Borough of Fair Haven (MC Project No. 17004928B)

Regarding property at:

Terminus Grange Avenue ROW and Hance Road ROW
Borough of Fair Haven, Monmouth County, New Jersey

Dear Interested Party:

This letter is to provide you with legal notification that an application for an authorization under Coastal General Permit 13 will be submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the development shown on the enclosed plan. A brief description of the proposed project follows: The applicant proposes improvements of the Grange Avenue and Hance Road Pocket Parks along the Navesink River. Appurtenant improvements include the temporary removal of benches, trash receptacles, and signs, removal and modifications to fences, removal of existing asphalt at locations will occur when necessary. Concrete walkways and steps will be created that lead to seating areas and restoration of existing grading will occur.

The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 15 days of receiving this letter to:

New Jersey Department of Environmental Protection
Division of Land Use Regulation
P.O. Box 420, Code 501-02A
Trenton, New Jersey 08625-0420
Attn: Borough of Fair Haven



If you have questions about this application, please contact Joseph P. Layton of Maser Consulting P.A. (agent for the applicant) via one of the following:

Telephone: (732) 383-1950
In Writing: Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, New Jersey 07701

Very truly yours,

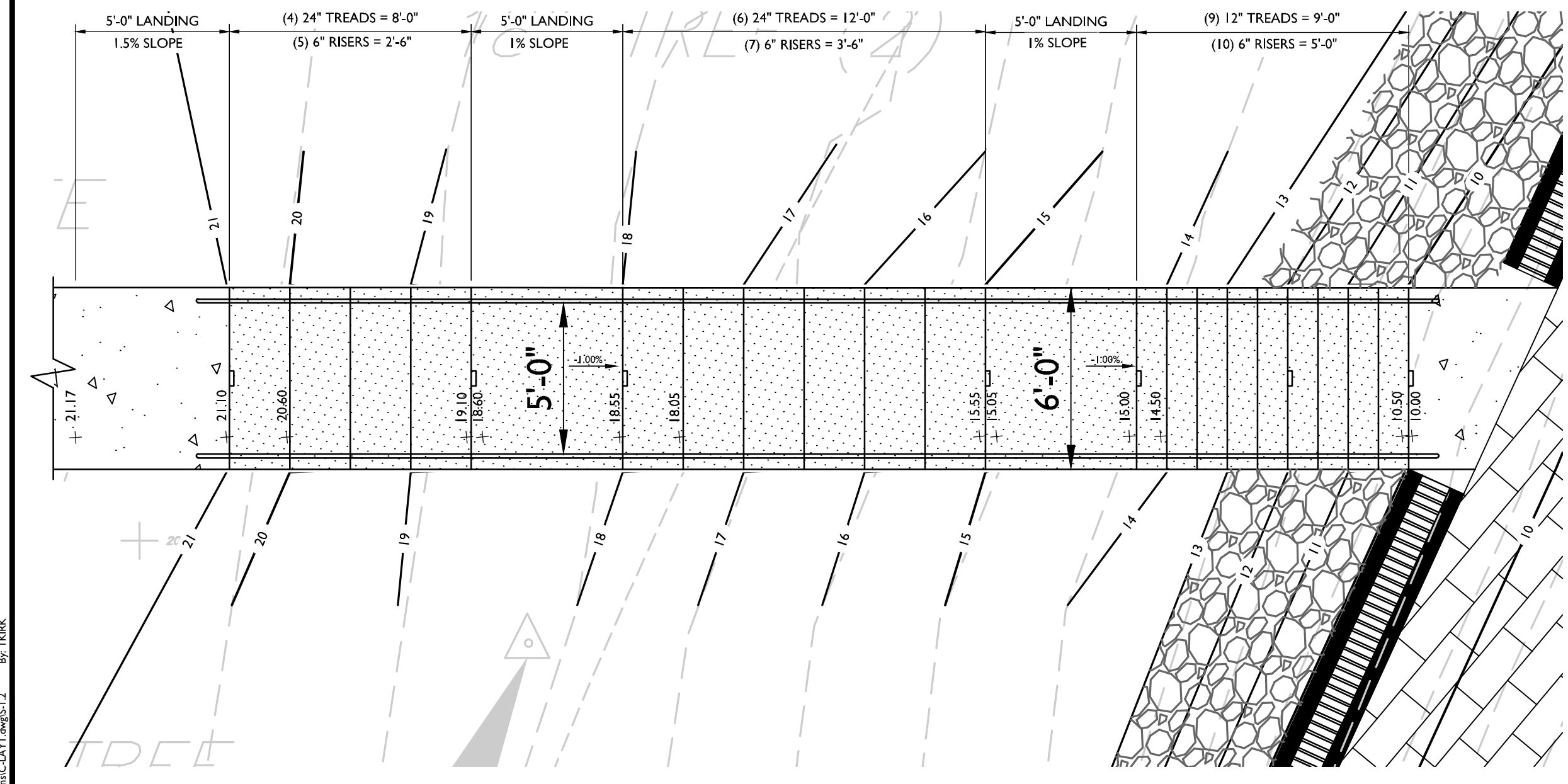
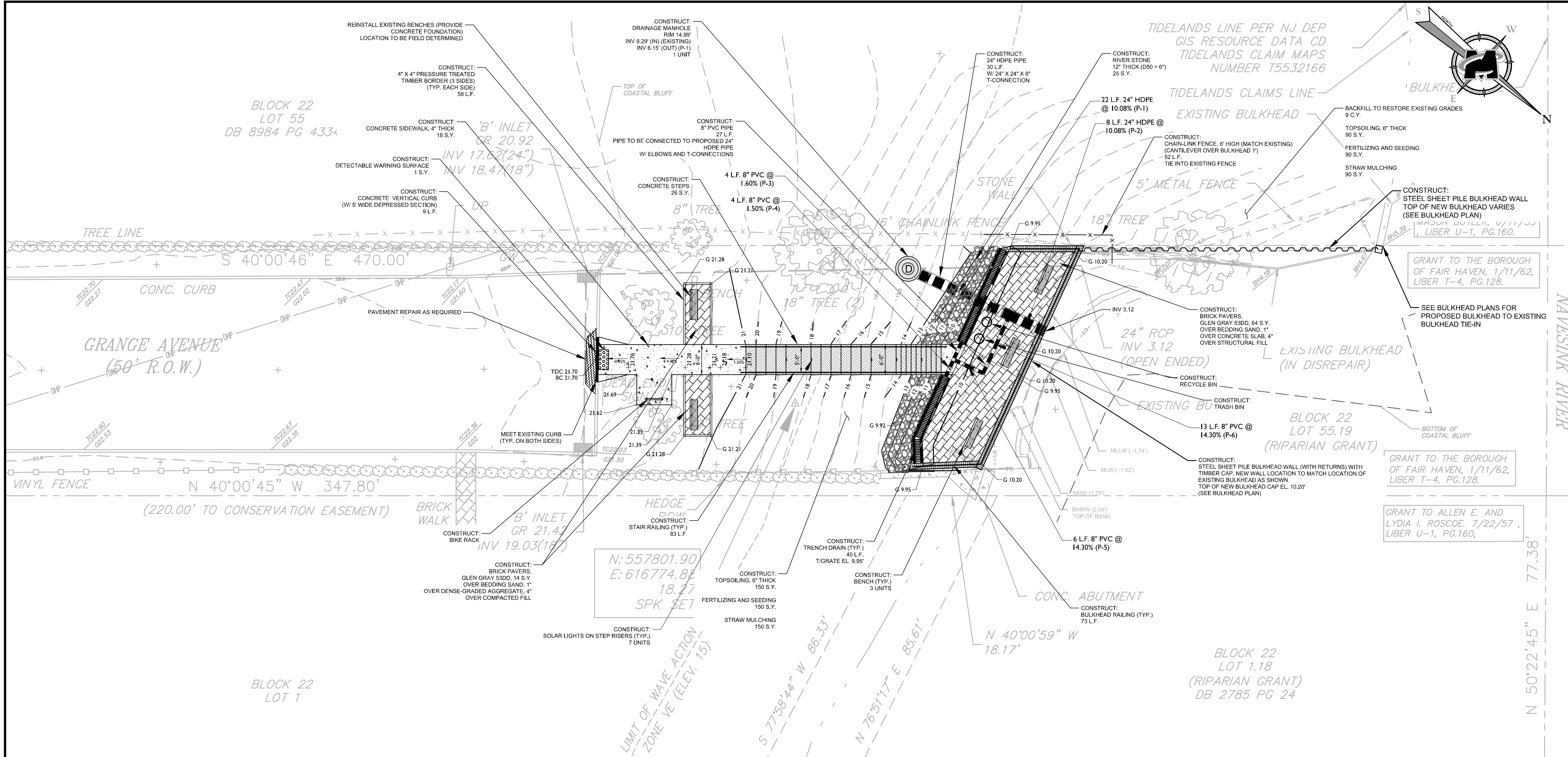
MASER CONSULTING P.A.

A handwritten signature in black ink, appearing to read 'Joe Layton', is written over the printed name and title.

Joseph P. Layton
Assistant Department Manager, Ecological Services

Agent for:
Borough of Fair Haven
748 River Road
Fair Haven, NJ 07704

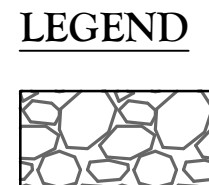
JMM/tla
Enclosures (Site & Grading Plan-Grange Avenue)
(Site and Grading Plan-Hance Avenue)
cc: Borough of Fair Haven Municipal Clerk
Borough of Fair Haven Planning Board
Borough of Fair Haven Environmental Commission
Borough of Fair Haven Construction Official
Monmouth County Planning Board
Freehold Soil Conservation District



CONCRETE STEP INSET
SCALE: 1" = 4'

SITE & GRADING PLAN GRANGE AVENUE SCALE: 1" = 10'

- NOTES:**
- THE ENTIRE SITE IS WITHIN 300' RIPARIAN ZONE.
 - HORIZONTAL DATUM BASED UPON THE NEW JERSEY STATE PLANE COORDINATED SYSTEM, NAD 83 (NEAR SURFACE DERIVED COORDINATES UTILIZING KEYNET GPS).
 - EXISTING SITE TOPOGRAPHIC INFORMATION AS SHOWN HEREON IS BASED UPON NAVD 88 (NORTH AMERICAN VERTICAL DATUM OF 1988).
 - TIDAL INFORMATION OBTAINED FROM NOAA OCEANIC, NAVESINK RIVER, NJ, STATION ID 8531753.
 - AE, VE, AND WAVE ACTION ZONES ARE BASED ON PRELIMINARY FEMA FLOOD INSURANCE RATE MAP REVISED JANUARY 30, 2015, MAP NUMBER 3402SC018IG.
 - ALL AREAS THAT ARE NOT DESIGNATED FOR REMOVAL SHALL BE MAINTAINED IN PRE-CONSTRUCTION CONDITION.
 - THE LOCATION OF ALL UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON VISIBLE SURFACE STRUCTURES AND ANY UTILITY MAPS PROVIDED BY UTILITY COMPANIES REFERENCED HEREON. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THE SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES FIELD-VERIFIED BY THE PROPER UTILITY COMPANIES BEFORE ANY CONSTRUCTION BEGINS.
 - MEAN LOW WATER LINE AND MEAN LOWER LOW WATER LINE ARE OUTSIDE THE LIMITS OF THIS PROJECT.



RIVER STONE (D₅₀ = 6") FROM EL. 10.0 UP TO EL. 13.0 AT 1 1/2' H : 1' V SLOPE. 12" THICK LAYER OVER FILTER FABRIC.



LEGEND	
EXISTING	PROPOSED

MASER CONSULTING, P.A.
Customer Loyalty through Client Satisfaction
www.maserconsulting.com
Engineers ■ Planners ■ Surveyors
Landscape Architects ■ Environmental Scientists

Office Locations:

- Red Bank, NJ
- Clinton, NJ
- Hamilton, NJ
- Egg Harbor, NJ
- Morrisville, NJ
- Mt. Arlington, NJ
- Mt. Laurel, NJ
- Albany, NY
- New Windsor, NY
- Westchester, NY
- Columbia, MD
- Lehigh Valley, PA
- Exton, PA
- Philadelphia, PA
- Pittsburgh, PA
- Tampa, FL
- Orlando, FL
- Miami, FL
- Stirling, VA
- Norfolk, VA
- Albuquerque, NM
- Charlotte, NC

State of NJ, Certificate of Authorization: 24GA27986500

811
Know what's below.
Call before you dig.
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATION, DISBURSES OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

REV	DATE	DRAWN BY	DESCRIPTION
1	07/21/19	TEK	FINAL PLAN SUBMITTAL

RICHARD C. MALONEY
NEW JERSEY PROFESSIONAL ENGINEER - LICENSE NUMBER: GE39023

CONSTRUCTION PLANS
FOR
**BULKHEAD REPLACEMENT
GRANGE AVENUE &
HANCE ROAD
POCKET PARKS &
BATTIN ROAD BOAT
RAMP**
BOROUGH OF FAIR HAVEN
MONMOUTH COUNTY
NEW JERSEY

RED BANK OFFICE
Corporate Headquarters
331 Newman Springs Road
Suite 203
Red Bank, NJ 07701
Phone: 732.383.1950
Fax: 732.383.1984

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	4/02/19	TEK	RCM

SHEET TITLE
SITE & GRADING PLAN
GRANGE AVENUE

SHEET NUMBER:
S-1.2

[illegible]


RICHARD C. MALONEY
NEW JERSEY PROFESSIONAL
ENGINEER - LICENSE NUMBER: GE39023

CONSTRUCTION PLANS
FOR
BULKHEAD
REPLACEMENT
GRANGE AVENUE &
HANCE ROAD
POCKET PARKS &
BATTIN ROAD BOAT
RAMP
BOROUGH OF FAIR HAVEN
MONMOUTH COUNTY
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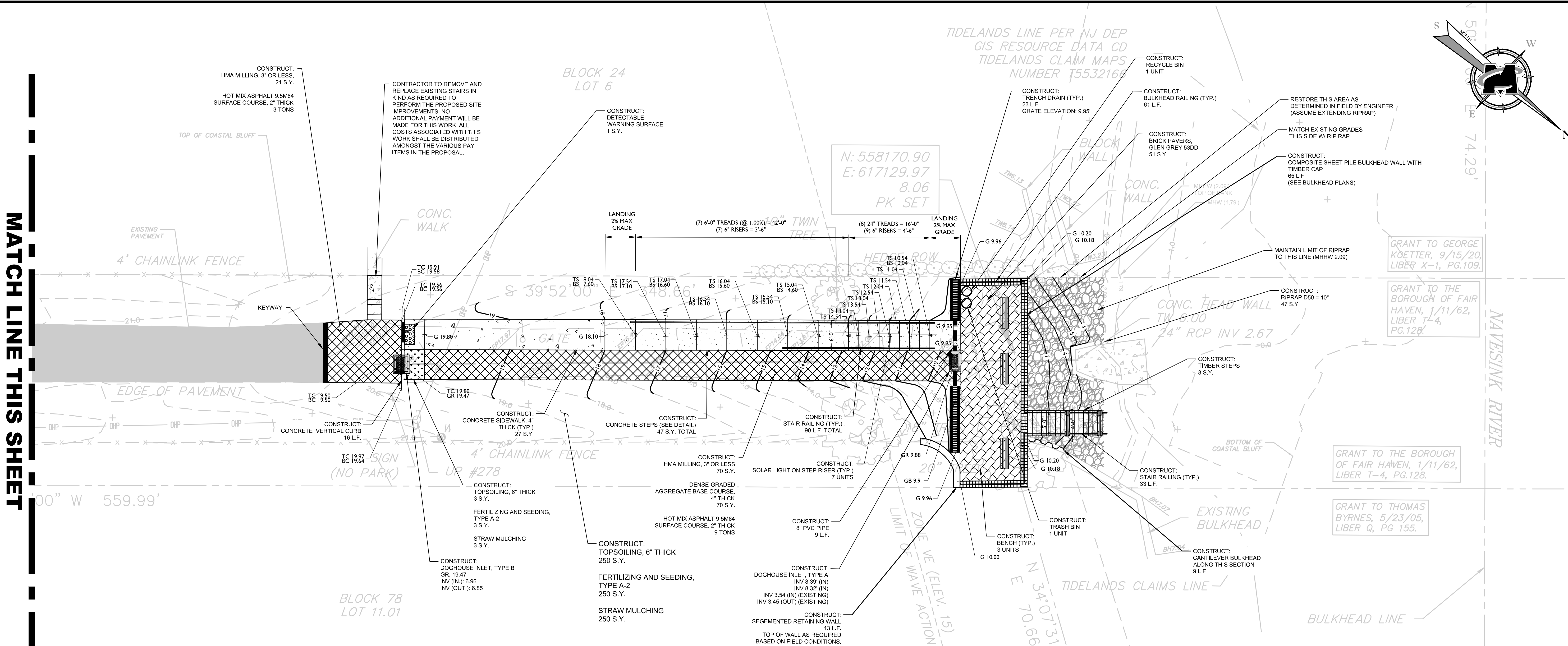
CALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	4/02/19	TEK	RCM
PROJECT NUMBER:		DRAWING NAME:	
17004982B		C-LAYT-HANC-CCPT-3	

SHEET TITLE:

SITE & GRADING PLAN
HANCE ROAD

SHEET NUMBER:

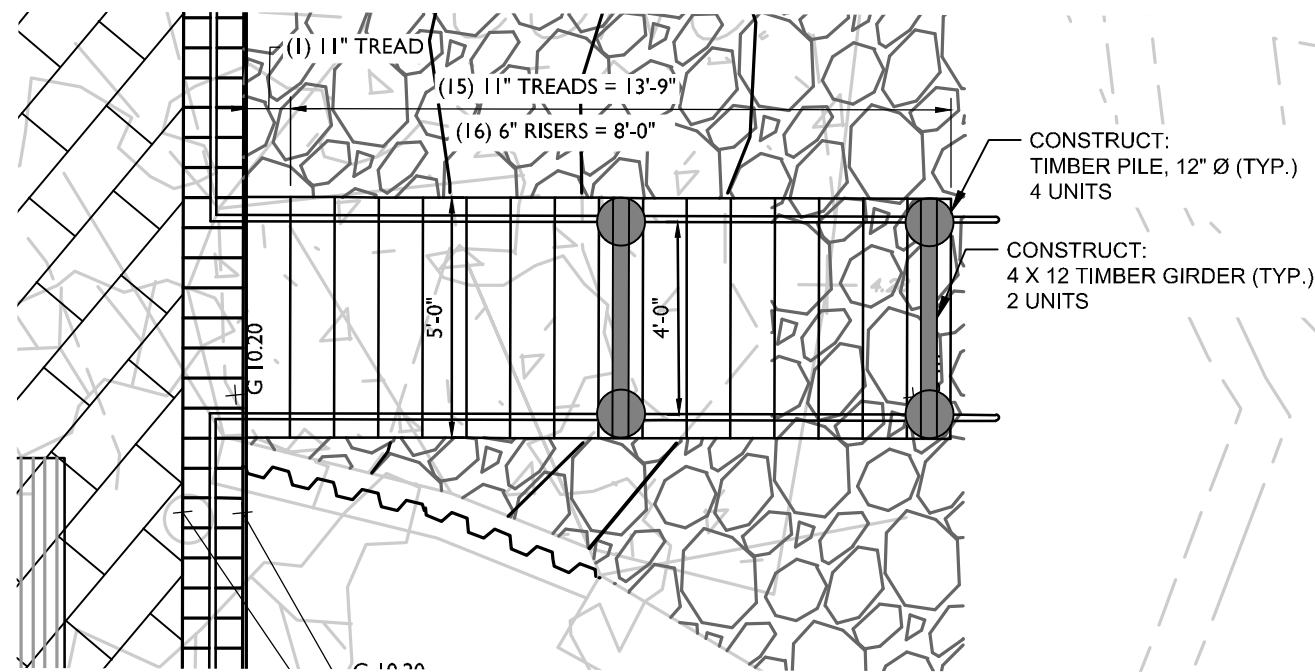
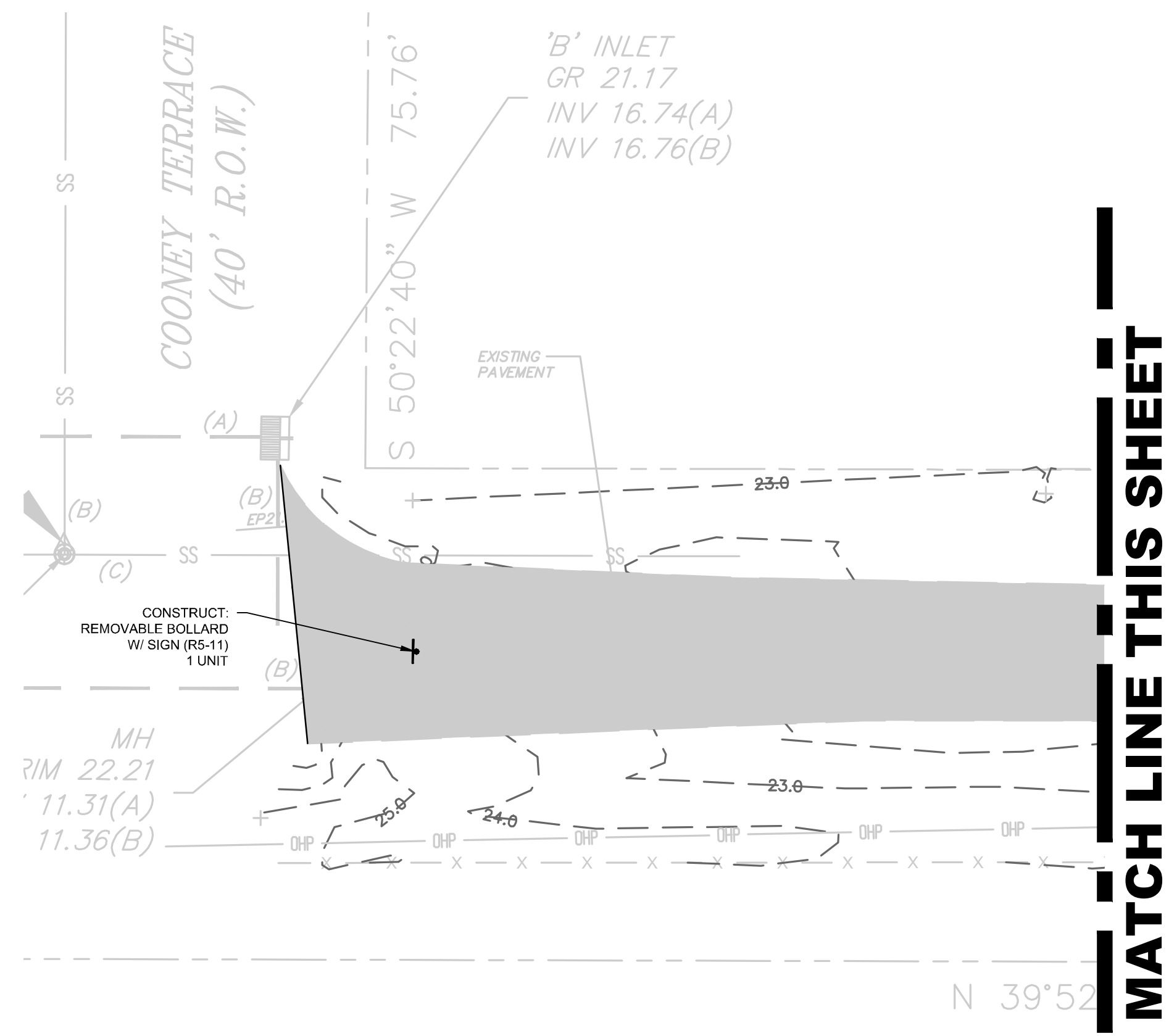
S-2.2



SITE & GRADING PLAN

HANCE ROAD

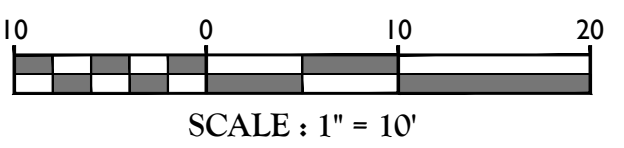
SCALE: 1" = 10'



TIMBER STEP INSET

SCALE: 1" = 4'

EXISTING		PROPOSED	
TRAVELER LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)		TRAVELER LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)	
RIGHT OF WAY LINE			
PROPERTY LINE			
EDGE OF PAVEMENT			
CURB			
DEPRESSED CURB			
SIDEWALK			
FENCES			
TREE LINE			
ROADWAY SIGNS			
WETLAND LINE			
MUNICIPAL BOUNDARY LINE			
'B' INLET			
'E' INLET			
STORM MANHOLE			
SANITARY MANHOLE			
FLARED END SECTION			
HEADWALL			
HYDRANT			
POLE MOUNTED LIGHT			
CONTOURS			
SPOT ELEVATION			
DIRECTION OF OVERLAND FLOW			
TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION TOP OF DEPRESSED CURB ELEVATION		TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION TOP OF DEPRESSED CURB ELEVATION	
MEAN HIGH HIGH WATER LINE MEAN HIGH WATER LINE MEAN LOW WATER LINE MEAN LOWER LOW WATER LINE		MEAN HIGH HIGH WATER LINE MEAN HIGH WATER LINE MEAN LOW WATER LINE MEAN LOWER LOW WATER LINE	



BOROUGH OF FAIR HAVEN 200 FOOT LIST

DATE: August 08, 2019

TO: Suzanne M. Koegler
331 Newman Springs Road
Red Bank, NJ 07701

FROM : Gregory T. Hutchinson, CTA
ASSESSOR
BOROUGH OF FAIR HAVEN
748 RIVER ROAD
FAIR HAVEN, N J 07704

RE : FAIR HAVEN PROPERTY WITHIN 200 FEET OF
GRANGE AVE.
BOROUGH OF FAIR HAVEN

IN ACCORD WITH YOUR REQUEST, ENCLOSED PLEASE FIND A LIST OF
PROPERTIES WITHIN 200 FEET OF THE FOOT OF FAIR HAVEN ROAD, BOROUGH
OF FAIR HAVEN. THIS LIST CONSISTS OF 1 PAGE(S) AND CONTAINS
THE NAMES AND ADDRESSES FOR 9 PARCELS.

PLEASE NOTE THAT, APART FROM THE PARCELS NOTED ABOVE,
A LIST OF UTILITIES IS ALSO INCLUDED AND REQUIRES NOTIFICATION.

IN ADDITION, A REVIEW OF OUR TAX MAP INDICATES THAT YOU NEED
ADDITIONAL INFORMATION FROM THE FOLLOWING MUNICIPALITY: NONE



Gregory T. Hutchinson, CTA
Assessor

FEE \$10 PAID DUE

200' list Grange ave

1314-24-1	GOLDBERG ALAN & ANNE	180 GRANGE AVENUE	FAIR HAVEN NJ	07702
1314-24-2	MALINOSKI BEVERLY E.	11 COONEY TERRACE	FAIR HAVEN NJ	07704
1314-24-3	BARRIE T FAHEY REV TR C/O HCS	PO BOX 2430	FARMINGDALE NJ	07727
1314-23-23	JENNINGS JOHN & MARY LOU	6 COONEY TERRACE	FAIR HAVEN NJ	07704
1314-23-20	BELMONTE JOSEPH J & CAROL K	156 GRANGE AVE	FAIR HAVEN N J	07704
1314-23-21	SPAGNUOLA CHRISTOPHER J & VANESSA	168 GRANGE AVENUE	FAIR HAVEN NJ	07704
1314-22-54.2	GILL SUZANNE M	155 GRANGE AVENUE	FAIR HAVEN NJ	07704
1314-22-55	BLUM LIRAN & ERIN	167 GRANGE AVE	FAIR HAVEN NJ	07704
1314-22-54.1	PADNES KEVIN R & HAWKINS LISA M	149 GRANGE AVE	FAIR HAVEN NJ	07704

1314-24-1
GOLDBERG ALAN & ANNE
180 GRANGE AVENUE
FAIR HAVEN NJ 07702

1314-24-2
MALINOSKI BEVERLY E.
11 COONEY TERRACE
FAIR HAVEN NJ 07704

1314-24-3
BARRIE T FAHEY REV TR C/O HCS
PO BOX 2430
FARMINGDALE NJ 07727

1314-23-23
JENNINGS JOHN & MARY LOU
6 COONEY TERRACE
FAIR HAVEN NJ 07704

1314-23-20
BELMONTE JOSEPH J & CAROL K
156 GRANGE AVE
FAIR HAVEN NJ 07704

1314-23-21
SPAGNUOLA CHRISTOPHER J & VANESSA
168 GRANGE AVENUE
FAIR HAVEN NJ 07704

1314-22-54.2
GILL SUZANNE M
155 GRANGE AVENUE
FAIR HAVEN NJ 07704

1314-22-55
BLUM LIRAN & ERIN
167 GRANGE AVE
FAIR HAVEN NJ 07704

1314-22-54.1
PADNES KEVIN R & HAWKINS LISA M
149 GRANGE AVE
FAIR HAVEN NJ 07704

Borough of Fair Haven Utilities list

Water - NJ American Water Company,

c/o Scott Segal.

One Water Street

Camden, NJ 08102

856-549-8606

Water - Borough of Red Bank, Department of Public Utilities,

Joseph E. Buonacquista

75 Chestnut Street,

Red Bank, NJ 07701 (people on Lake Avenue, Haddon Park, Harrison Avenue,

Chestnut Street, Beekman Place, etc are connected to the Red Bank water main)

Electric - JCP&L,

Manager- Real Estate

300 Madison Ave.

Morristown, NJ 07962

Gas - NJ Natural Gas Company,

Joan Purcara, Right of Way and Claims Representative

P.O. Box 1464

Wall, New Jersey 07719

Monmouth County Planning Board,

Director

PO BOX 1255

Freehold, NJ 07728

Two Rivers Water Reclamation Authority

1 Highland Ave.

Monmouth Beach, NJ 07757

BOROUGH OF FAIR HAVEN 200 FOOT LIST

DATE: August 08, 2019

TO: Suzanne M. Koegler
331 Newman Springs Road
Red Bank, NJ 07701

FROM : Gregory T. Hutchinson, CTA
ASSESSOR
BOROUGH OF FAIR HAVEN
748 RIVER ROAD
FAIR HAVEN, N J 07704

RE : FAIR HAVEN PROPERTY WITHIN 200 FEET OF
HANCE AVE.
BOROUGH OF FAIR HAVEN

IN ACCORD WITH YOUR REQUEST, ENCLOSED PLEASE FIND A LIST OF
PROPERTIES WITHIN 200 FEET OF THE FOOT OF FAIR HAVEN ROAD, BOROUGH
OF FAIR HAVEN. THIS LIST CONSISTS OF 1 PAGE(S) AND CONTAINS
THE NAMES AND ADDRESSES FOR 7 PARCELS.

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IN ADDITION, A REVIEW OF OUR TAX MAP INDICATES THAT YOU NEED
ADDITIONAL INFORMATION FROM THE FOLLOWING MUNICIPALITY: NONE



Gregory T. Hutchinson, CTA
Assessor

FEE \$10 PAID DUE

200' list Hance

1314-23-27	HOWER GEORGE & LAURA KENT-HOWER	18 HANCE ROAD	FAIR HAVEN N J	07704
1314-23-24	FEINBERG MARTIN & DEBORAH	11 OYSTER BAY DR	RUMSON NJ	07760
1314-23-25	MAURO BRIAN & SUSAN	30 COONEY TERRACE	FAIR HAVEN NJ	07704
1314-24-5	SCHIAVETTI ALFRED J JR&BARBARA B	27 COONEY TERRACE	FAIR HAVEN N J	07704
1314-24-6	WYNDRUM RALPH & META	35 COONEY TERRACE	FAIR HAVEN N J	07704
1314-78-11	CALABRO JOSEPH	15 HANCE ROAD	FAIR HAVEN NJ	07704
1314-78-11.1	GREENBLATT AARON & ARIEL	1 HANCE ROAD	FAIR HAVEN NJ	07704

1314-23-27
HOWER GEORGE & LAURA KENT-HOWER
18 HANCE ROAD
FAIR HAVEN NJ 07704

1314-23-24
FEINBERG MARTIN & DEBORAH
11 OYSTER BAY DR
RUMSON NJ 07760

1314-23-25
MAURO BRIAN & SUSAN
30 COONEY TERRACE
FAIR HAVEN NJ 07704

1314-24-5
SCHIAVETTI ALFRED J JR&BARBARA B
27 COONEY TERRACE
FAIR HAVEN NJ 07704

1314-24-6
WYNDRUM RALPH & META
35 COONEY TERRACE
FAIR HAVEN NJ 07704

1314-78-11
CALABRO JOSEPH
15 HANCE ROAD
FAIR HAVEN NJ 07704

1314-78-11.1
GREENBLATT AARON & ARIEL
1 HANCE ROAD
FAIR HAVEN NJ 07704

Borough of Fair Haven Utilities list

Water - NJ American Water Company,

c/o Scott Segal.

One Water Street

Camden, NJ 08102

856-549-8606

Water - Borough of Red Bank, Department of Public Utilities,

Joseph E. Buonacquista

75 Chestnut Street,

Red Bank, NJ 07701 (people on Lake Avenue, Haddon Park, Harrison Avenue,

Chestnut Street, Beekman Place, etc are connected to the Red Bank water main)

Electric - JCP&L,

Manager- Real Estate

300 Madison Ave.

Morristown, NJ 07962

Gas - NJ Natural Gas Company,

Joan Purcara, Right of Way and Claims Representative

P.O. Box 1464

Wall, New Jersey 07719

Monmouth County Planning Board,

Director

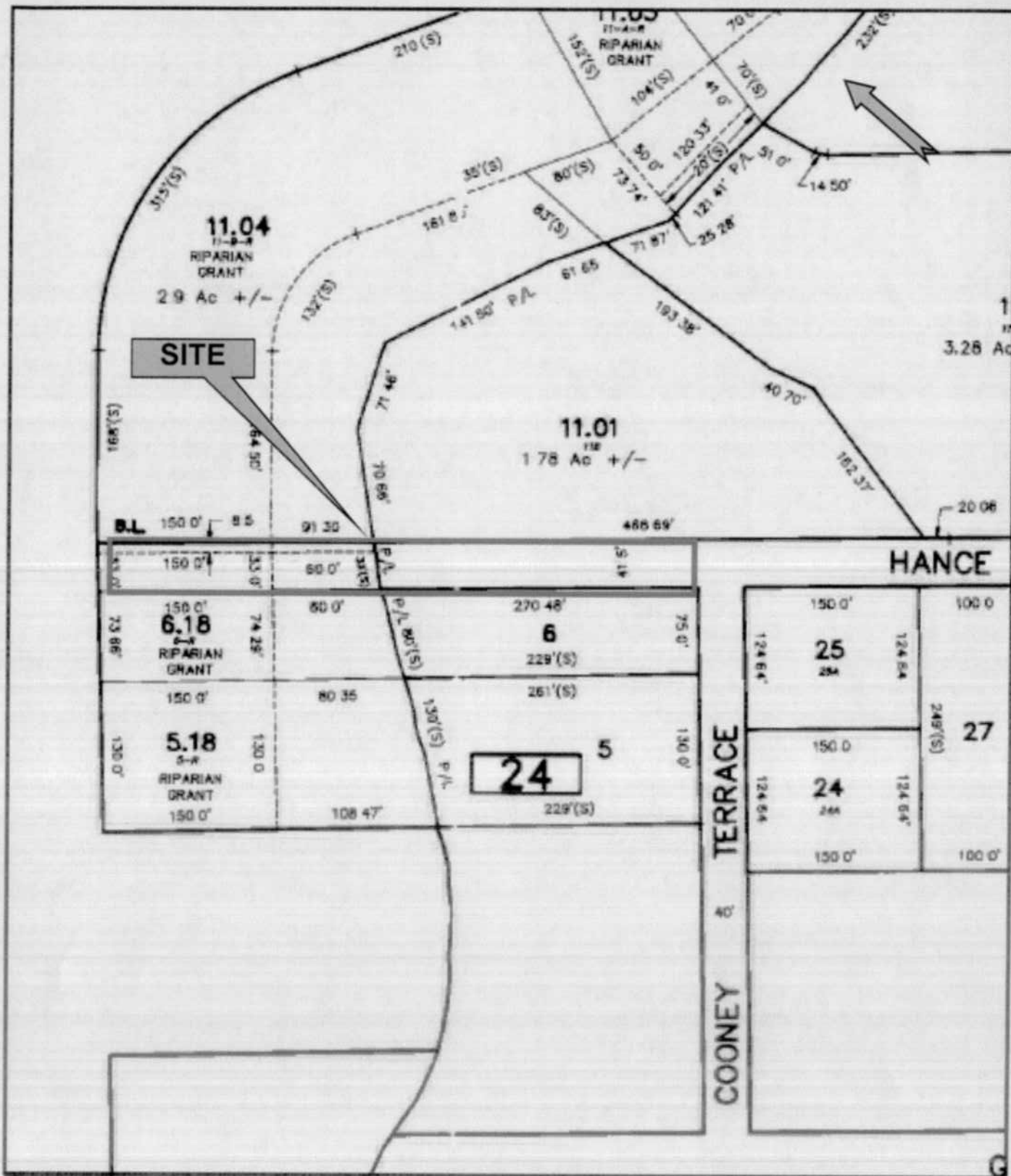
PO BOX 1255

Freehold, NJ 07728

Two Rivers Water Reclamation Authority

1 Highland Ave.

Monmouth Beach, NJ 07757



Corporate Headquarters
331 Newman Springs Road
Suite 203
Red Bank, NJ 07701
T: 732.383.1950
F: 732.383.1984
www.maserconsulting.com

Tax Map

Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Fair Haven Tax Map

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A

 Shipment Receipt

Transaction Date: 26 Sep 2019

Tracking Number:

1ZX997920397117986

1 ADDRESS INFORMATION**Ship To:**

Borough of Fair Haven
Municipal Clerk
748 River Road
FAIR HAVEN NJ 077043373

Ship From:

MASER CONSULTING PA
Suzanne M Koegler
331 NEWMAN SPRINGS RD
Suite 203
RED BANK NJ 07701
Telephone: 732-383-1950
email: skoegler@maserconsultin
g.com

Return Address:

MASER CONSULTING PA
Suzanne M Koegler
331 NEWMAN SPRINGS RD
Suite 203
RED BANK NJ 07701
Telephone: 732-383-1950 email: skoegler@maserconsulting.com

2 PACKAGE INFORMATION

	WEIGHT	DIMENSIONS / PACKAGING	DECLARED VALUE	REFERENCE NUMBERS
1.	1.0 lbs (1.0 lbs billable)	Other Packaging		Enter Reference Format: Project # / Org # / Phase - 17004982b reimb (j m)

3 UPS SHIPPING SERVICE AND SHIPPING OPTIONS**Service:**

UPS Ground Service

Guaranteed By:

End of Day Friday, Sep 27, 2019

Shipping Fees Subtotal:

8.40 USD

Additional Shipping Options**Transportation**

7.85 USD

Quantum View Notify E-mail Notifications:

No Charge

Fuel Surcharge

0.55 USD

1 skoegler@maserconsulting.com: Exception, Delivery

4 PAYMENT INFORMATION**Bill Shipping Charges to:**

Shipper's Account X99792

Shipping Charges:	8.40 USD
Subtotal Shipping Charges:	8.40 USD
Total Charged:	8.40 USD

Note: This document is not an invoice. Your final invoice may vary from the displayed reference rates.

* For delivery and guarantee information, see the UPS Service Guide ({}). To speak to a customer service representative, call 1-800-PICK-UPS for domestic services and 1-800-782-7892 for international services.



Compliance Statement for Coastal General Permit No. 13

FOR
Grange Avenue and Hance Road
Pocket Park Improvements – Phase II
Terminus of Grange Avenue & Hance Road
Borough of Fair Haven, NJ, Monmouth County

September, 25, 2019

Prepared For
Borough of Fair Haven
748 River Road
Fair Haven, NJ 07704

Prepared By
Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
732.383.1950

MC Project No. 17004982B



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APPENDICES

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APPENDIX B – NATURAL HERITAGE PROGRAM DATABASE SEARCH RESULTS

APPENDIX C – PHOTOGRAPHS



APPENDIX D – QUALIFICATIONS OF PREPARERS

1.0. SUMMARY

1.1 SITE DESCRIPTION

The project sites consist of two parcels of land at the terminus of Grange Avenue and the terminus of Hance Road at the Navesink River, located in the Borough of Fair Haven, Monmouth County, New Jersey (Appendix A). The project sites are existing Borough-owned parks along the Navesink River waterfront with parking. These parks are located in a residential neighborhood and the sites are bordered by single-family residences.

The project sites are located in the CAFRA Zone and within 150 feet of the mean high water line.

1.2. DEVELOPMENT DESCRIPTION

The Borough is seeking to improve public access to the Navesink River at these locations. Specifically, at each of these two pockets parks, the Borough is looking to reconstruct the outfall, install a linear path leading to the bulkhead, and include seating areas at the end of the road as well as along the bulkhead.

1.3. MAJOR ENVIRONMENTAL IMPACTS

No significant environmental impacts are anticipated for the proposed development given the existing surrounding residential development, the existing development and disturbance onsite, and the avoidance of disturbance to the waters of the Navesink River.

2.0 COMPLIANCE WITH COASTAL ZONE MANAGEMENT RULES (N.J.A.C. 7:7)

As discussed below, the proposed improvements to Grange Avenue Pocket Park and Hance Road Pocket Park are eligible for approval under the Coastal General Permit described at N.J.A.C. 7:7-6.13 (General permit 13 – construction of recreational facilities at public parks).

2.1 N.J.A.C. 7:7-6.13

Coastal General Permit 13 authorizes the construction of recreational facilities at public parks, which are publicly owned or controlled for the purposes of public access. The proposed park improvements are eligible for this approval as depicted on the submitted permitting plans.

The following Coastal General Permit 13 conditions are satisfied:

(a) This general permit authorizes the construction of the following recreational facilities at parks which are publicly owned or controlled for the purposes of public access. Construction of the facilities listed below is acceptable provided that the construction has no adverse impact on any special areas defined at N.J.A.C. 7:7-9 and provided that the facility complies with the specific conditions listed below for each facility.

1. Construction of the following facilities provided they are not located on a dune or in a wetland, except as noted at (a)3 below:
 - i. Playground equipment including, but not limited to, swings, slides, and jungle gyms;
 - ii. Picnic tables, benches and grills which are not seasonal;
 - iii. Gazebos, rain shelters and sheds provided they do not exceed a footprint 200 square feet;
 - iv. Pathways, bicycle paths and jogging and nature trails and associated fitness equipment provided they are not located on a beach; and
 - v. Fences which do not require permanent footings.
2. Construction of restroom facilities not located on a beach, dune, or in a wetland, provided that:

- i. The restroom facilities connect to an existing sewer line located within or abutting the park, or facilities discharge to a subsurface sewerage disposal system;
 - ii. The connection at (a)2i above shall be consistent with the Water Quality Management Plan adopted pursuant to N.J.A.C. 7:15;
 - iii. The restroom building shall be set back a minimum of 100 feet from the mean high water line unless the Department determines that there is no alternate location; and
 - iv. The restroom building shall be set back a minimum of 50 feet from the inland limit of any wetlands, unless the Department determines there is no alternate location.
3. Trail or boardwalk construction in wetlands is acceptable provided that:
 - i. The width of the trail or boardwalk does not exceed six feet, except for barrier free trails or boardwalks designed in accordance with the Barrier Free Subcode of the Standard Uniform Construction Code, N.J.A.C. 5:23-7. The construction of restrooms, gazebos, rain shelters, or any covered or enclosed structure is not authorized on the boardwalk or trail;
 - ii. The height of the structure over wetlands, other than wetlands regulated under the Freshwater Wetlands Protection Act and implementing rules at N.J.A.C. 7:7A, shall be a minimum of four feet regardless of width;
 - iii. The project does not interfere with the natural hydrology of the area; and
 - iv. The project does not encroach upon or adversely affect the habitat of any threatened or endangered species.

The proposed project involves the construction of benches and pathways not located on a beach, dune or in a wetland

There are no pathways proposed on wetlands, as there are no wetlands on site.

(b) Public access shall be provided in accordance with the lands and waters subject to public trust rights rule, N.J.A.C. 7:7-9.48, and the public access rule, N.J.A.C. 7:7-16.9.

The proposed park improvements are designed for public use and access to the waterfront in accordance with the public trust rights rule, N.J.A.C. 7:7-9.48, and the public access rule, N.J.A.C. 7:7-16.9.

3.0 COMPLIANCE WITH SECTION 10 OF CAFRA

Under Section 10 of CAFRA (N.J.S.A.13:19-10) “The commissioner shall review filed applications, including any environmental impact statement and all information presented at public hearings or during the comment period, or submitted during the application review period. A permit may be issued pursuant to this act only upon a finding that the proposed development is in accordance with...” the compliance issues that are detailed below.

3.1 N.J.S.A. 13:19-10A

Conforms with all applicable air, water and radiation emission and effluent standards and all applicable water quality criteria and air quality standards.

3.1.1 Air Emissions and Air Quality Standards

The Federal Clean Air Act requires each state to attain and maintain specified air quality standards. Ambient Air Quality Standards have been promulgated by the federal government and by New Jersey for total suspended particulates (TSP), sulfur dioxide (SO₂), carbon monoxide (CO), nitrogen dioxide (NO₂) and lead. The New Jersey standards are generally the same as the federal standards for these pollutants. Primary air quality standards are set to protect human health and secondary standards are set to protect human welfare.

The proposed project consists of improvements to a waterfront park. The use of heavy machinery during construction is one aspect of the project which will involve the release of any air pollutants. No significant or permanent degradation of air quality will occur. The increased emissions at the time of construction shall have⁴ minimal and only temporary impacts on local air

quality.

There will be no operational impacts to air quality post-construction. Emissions from vehicles will be controlled by pollution control devices on the vehicles; therefore, they will be within the State and Federal standards for air emissions from vehicles.

3.1.2 Effluent and Water Quality Criteria

The proposed project involves the construction of improvements to a waterfront park. This project was designed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey and the New Jersey Department of Environmental Protection Regulations.

3.1.3 Radiation Emissions and Standards

Since the project consists of improvements to a waterfront park, there should be no radiation emissions.

3.2 N.J.S.A. 13:19-10B

Prevents air emissions and water effluents in excess of the existing dilution, assimilative, and recovery capacities of the air and water environments at the site and within the surrounding region.

3.2.1 Air Emissions

Air emissions have been discussed. They will be associated with the operation of construction equipment and vehicles during the construction phase, and personal motor vehicle use post-construction. The air in the surrounding suburban area is not heavily polluted. The minimal increases in the production of emissions during construction will not be in excess of existing dilution, assimilation and recovery capabilities of the air environment at the site or within the surrounding region.

3.2.2 Effluent Emissions

The only types of liquid effluent associated with the site will be stormwater, which will be

managed onsite.

3.3 N.J.S.A. 13:19-10C

Provides for the collection and disposal of litter, recyclable material and solid waste in such a manner as to minimize adverse environmental effects and the threat to the public health, safety, and welfare.

The proposed development includes improvements to a waterfront park. Refuse and recyclables shall be collected and stored onsite for municipal pickup.

3.4 N.J.S.A. 13:19-10D

Would result in minimal feasible impairment of the regenerative capacity of water aquifers or other ground or surface water supplies.

Minimal impervious cover is proposed as part of this park improvement project; therefore there shall be minimal impacts to groundwater recharge.

3.5 N.J.S.A. 13:19-10E

Would cause minimal feasible interference with the natural functioning of plant, animal, fish, and human life processes at the site and within the surrounding region.

Details regarding the interference with animal, fish, and human life processes at the site or within the region are discussed below.

3.5.1 Plant Processes

Plant processes include photosynthesis and respiration/evapotranspiration, dispersal, establishment, growth, and mortality of plants as well as phenology and disturbance. Vegetation is limited to shrubs and herbaceous (non-woody) plants, and mainly consists of invasive and/or non-native species. Adverse impacts to plant processes will be minor and will be negated through the landscaping plan.

3.5.2 Animal Processes

Animal processes include foraging, breeding, nesting, migration and smaller scale movement between habitat patches. It is possible that animals that survive in suburban settings may utilize this property; however, the improvements to the pocket park in a mosaic of single-family dwellings will not eliminate available wildlife habitat entirely.

3.5.3 Fish Processes

The Navesink River is adjacent to the site. No activities are proposed below the mean high water line; therefore, there shall be no impacts to fish habitat.

3.5.4 Human Life Processes

Human life processes consists of the structure and functions of the body systems at the cellular, tissue, and organ-system levels of organization. The most important way to impact such human life processes is through the introduction of pollutants into the environment that may affect people. The proposed project will only introduce minimal amounts of pollutants associated with the operation of motor vehicles; therefore, this project will have little or no interference with human life processes.

APPENDIX A
MAP FIGURES



Corporate Headquarters
 331 Newman Springs Road
 Suite 203
 Red Bank, NJ 07701
 T: 732.383.1950
 F: 732.383.1984
www.maserconsulting.com

USGS Map

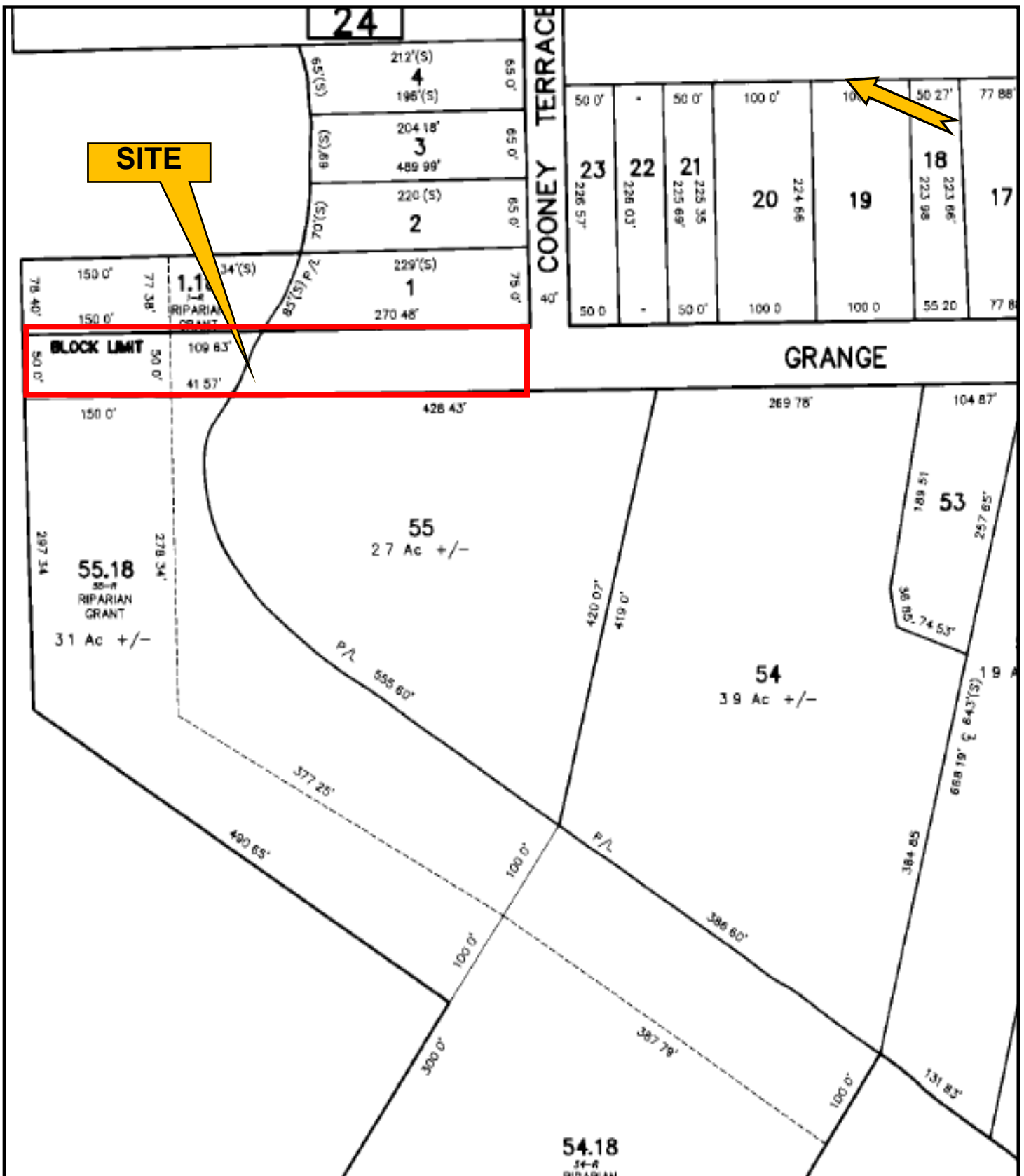
Grange Avenue Pocket Park
 Fair Haven, Monmouth County, New Jersey

Source: Long Branch West Quadrangle

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
 331 Newman Springs Road
 Suite 203
 Red Bank, NJ 07701
 T: 732.383.1950
 F: 732.383.1984
www.maserconsulting.com

Tax Map

Grange Avenue Pocket Park
 Fair Haven, Monmouth County, New Jersey

Source: Fair Haven Tax Map

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



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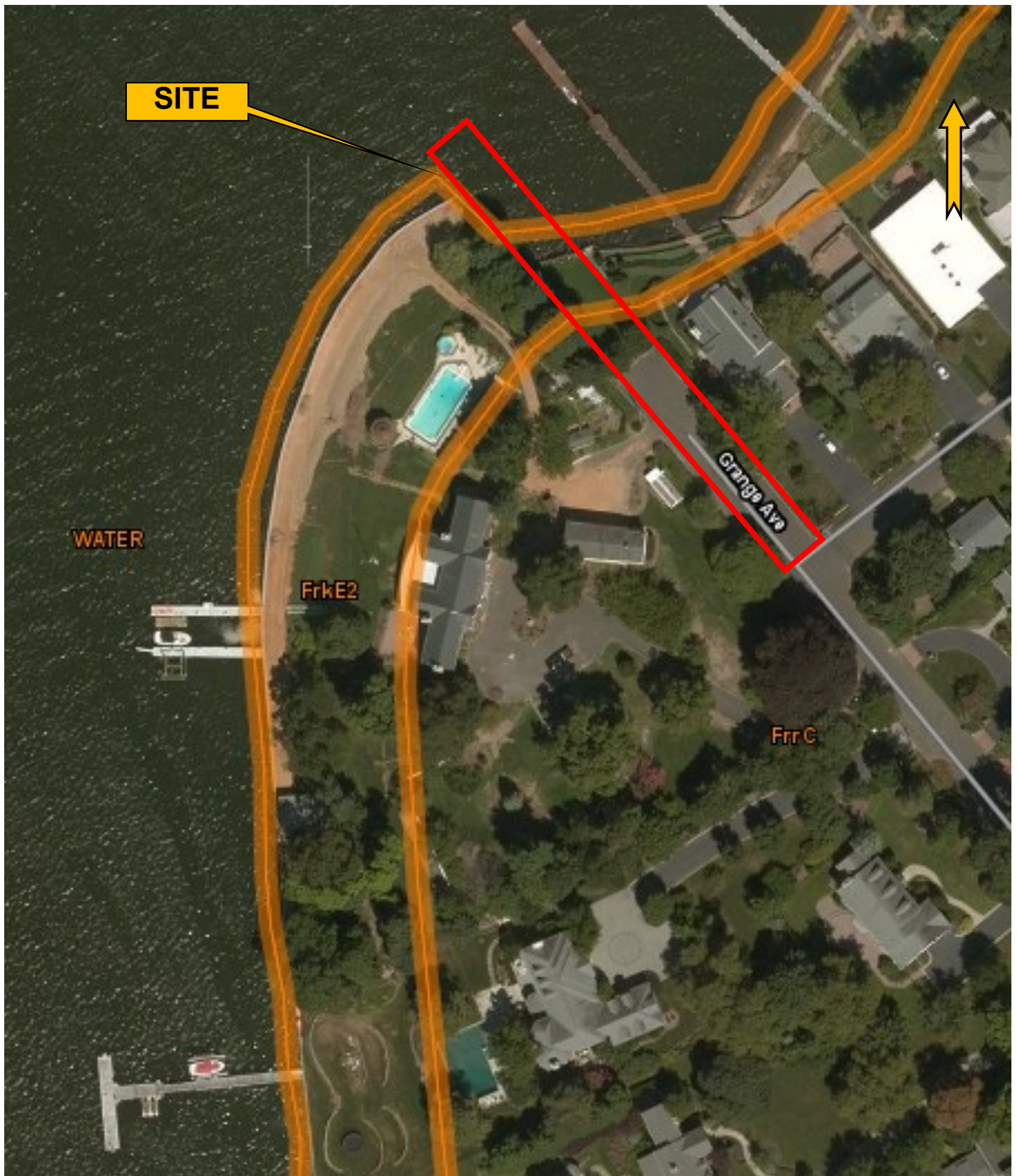
Aerial Photograph
Grange Avenue Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: USFWS Wetlands Mapper

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
331 Newman Springs Road
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Red Bank, NJ 07701
T: 732.383.1950
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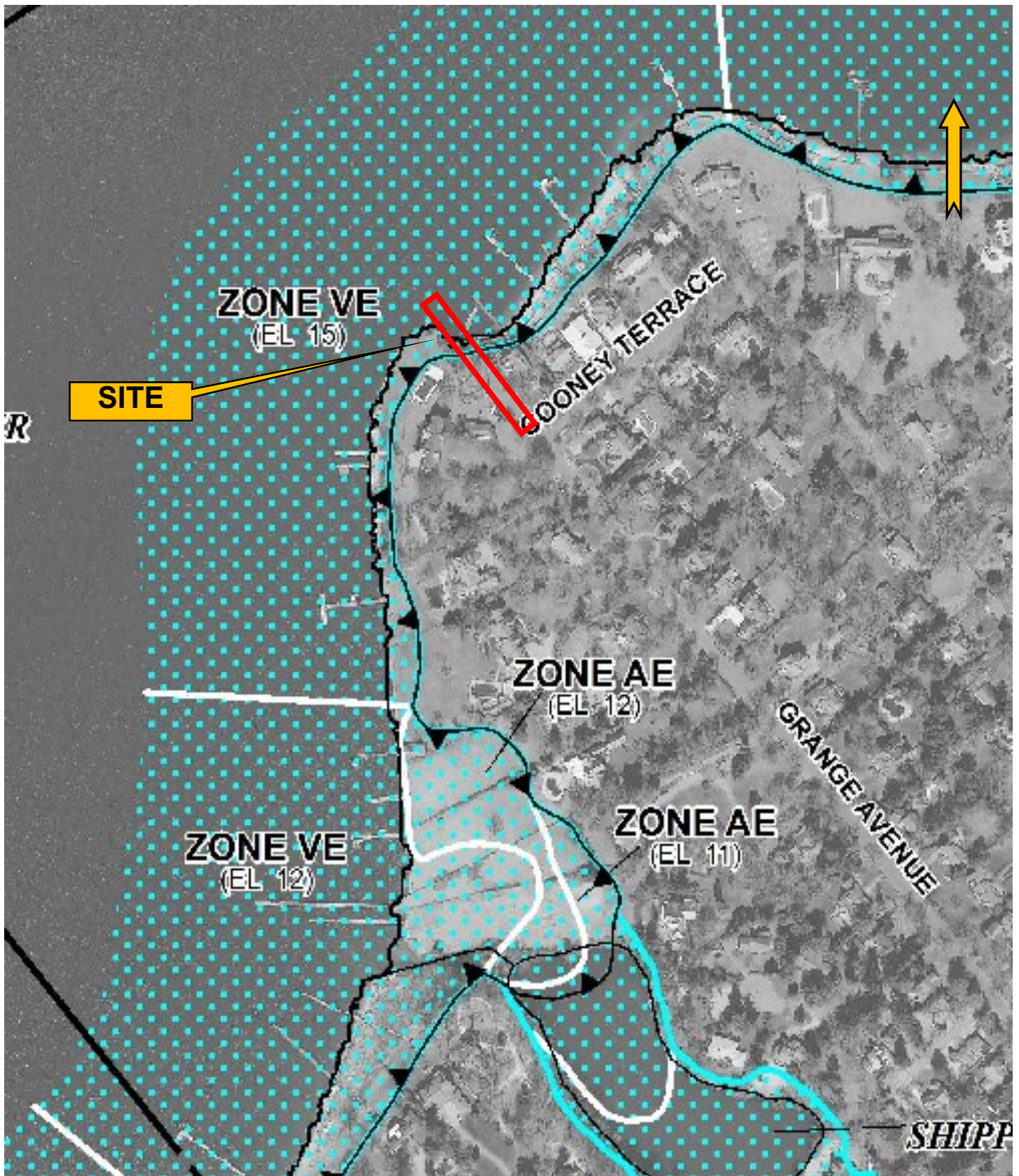
Soil Survey Map
Grange Avenue Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Web Soil Survey

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
331 Newman Springs Road
Suite 203
Red Bank, NJ 07701
T: 732.383.1950
F: 732.383.1984
www.maserconsulting.com

FEMA Flood Map
Grange Avenue Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Map Number 34025C0181G
Revised Preliminary January 30, 2015

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
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Suite 203
Red Bank, NJ 07701
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F: 732.383.1984
www.maserconsulting.com

USGS Map

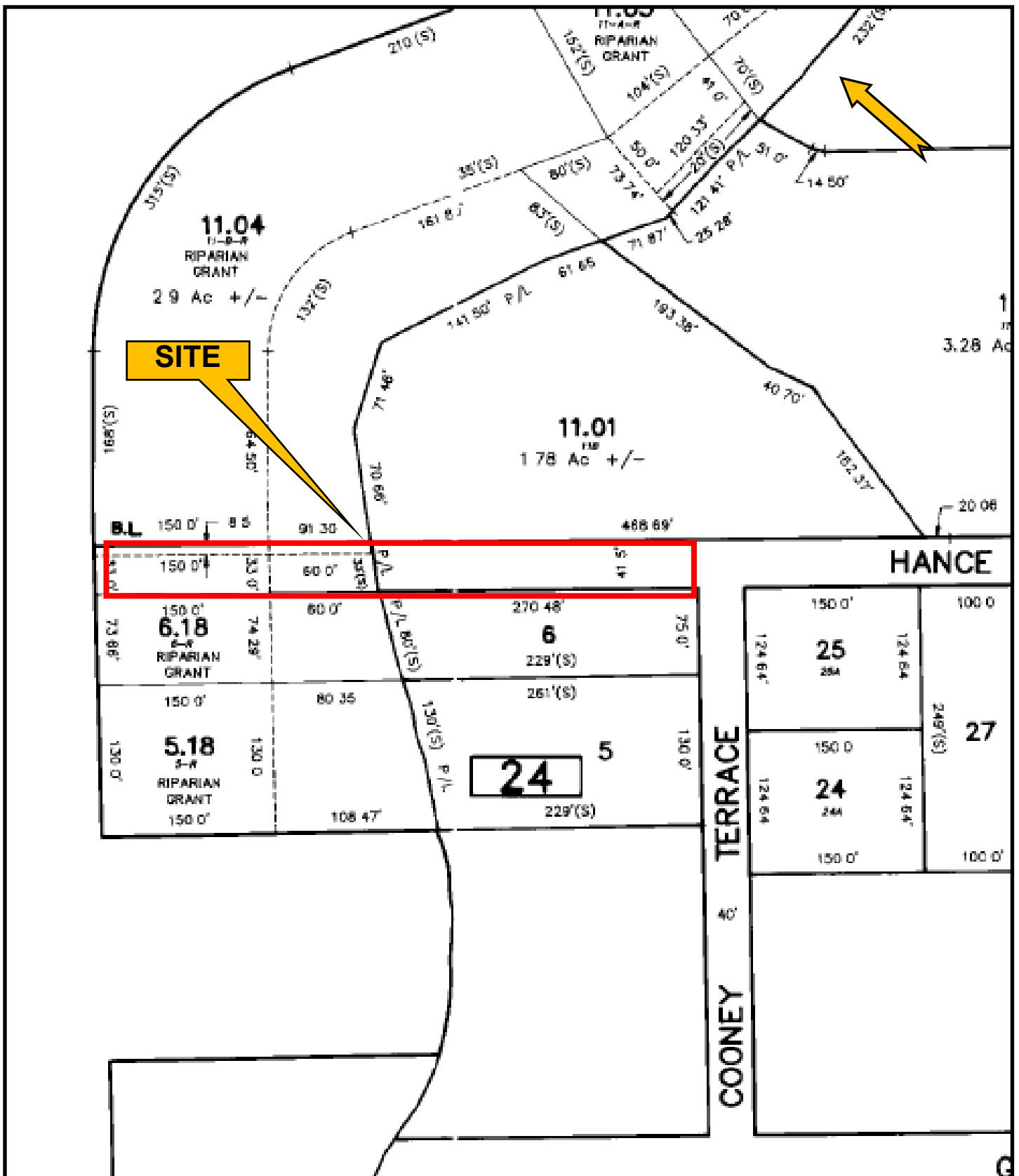
Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Long Branch West Quadrangle

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
331 Newman Springs Road
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T: 732.383.1950
F: 732.383.1984
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Tax Map

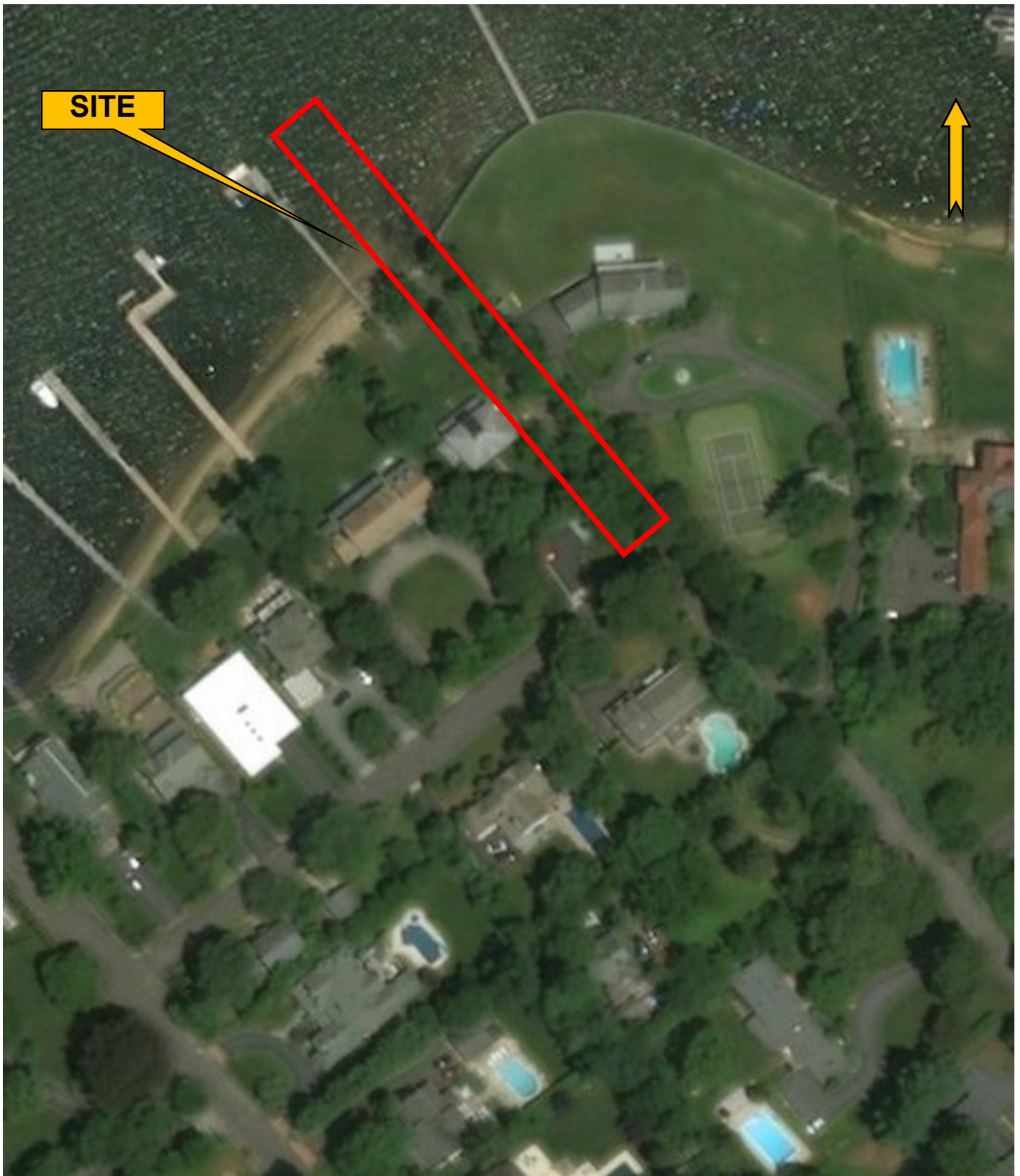
Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Fair Haven Tax Map

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



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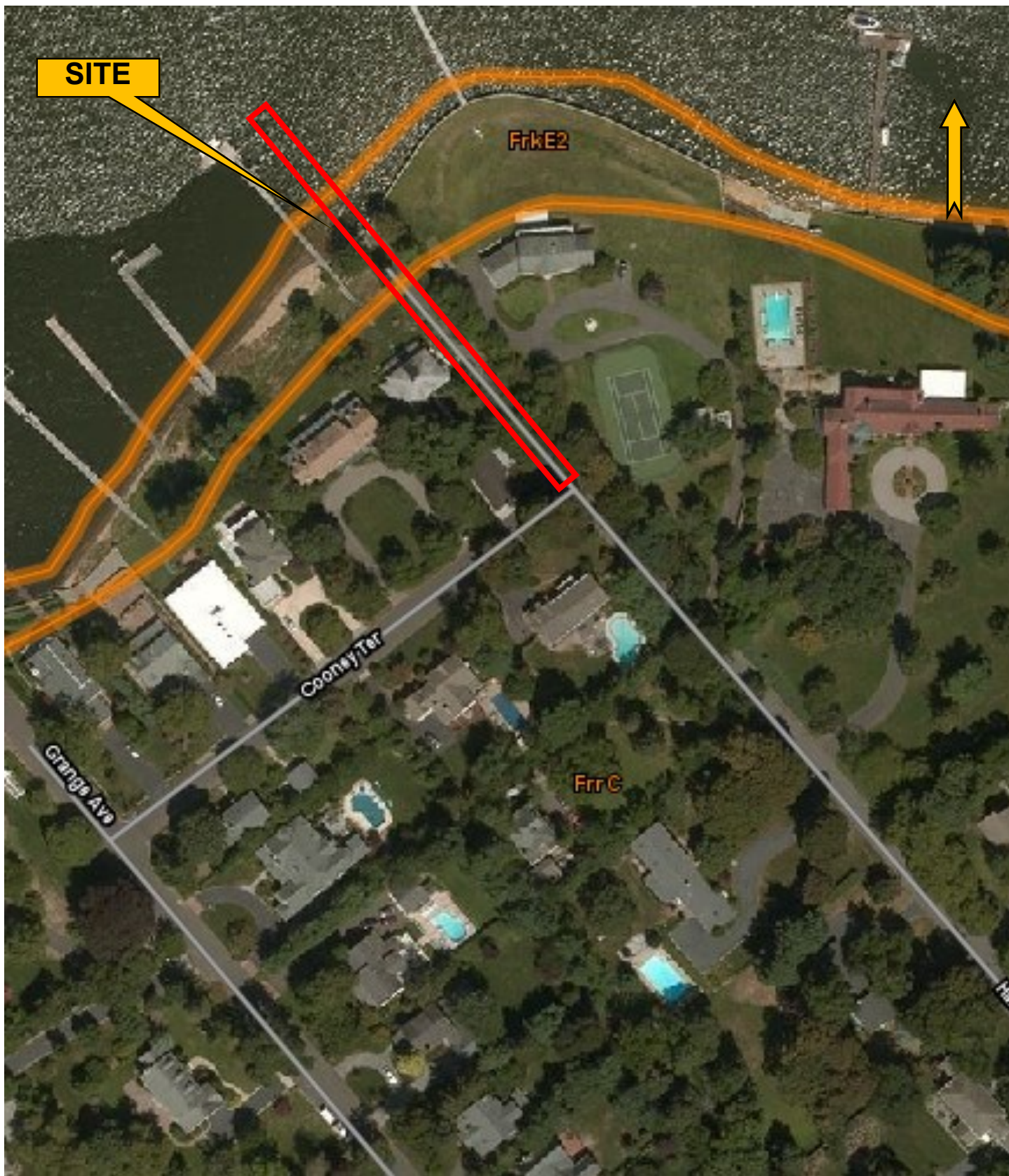
Aerial Photograph
Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: USFWS Wetlands Mapper

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



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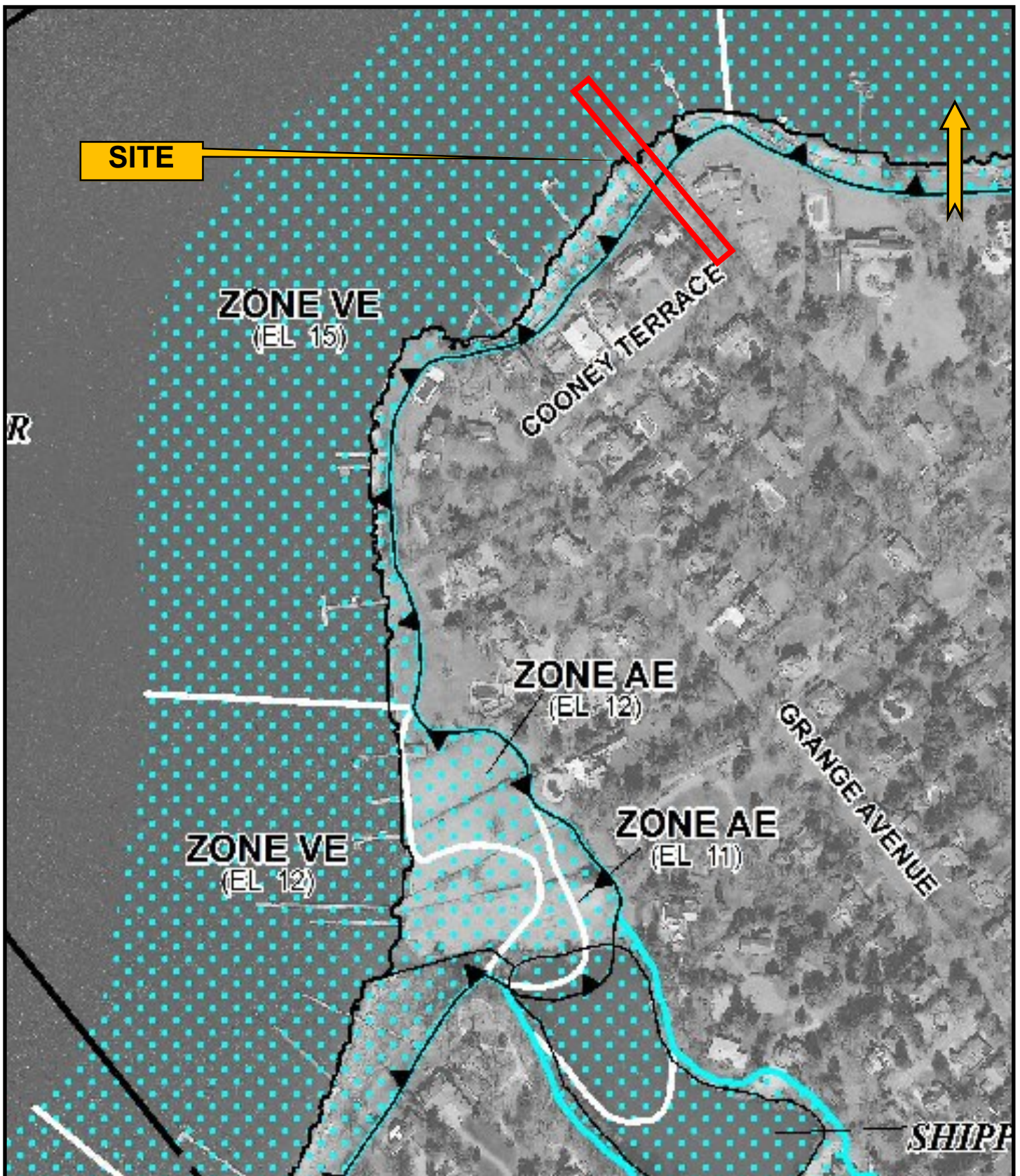
Soil Survey Map
Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: Web Soil Survey

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A



Corporate Headquarters
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FEMA Flood Map

Hance Road Pocket Park

Fair Haven, Monmouth County, New Jersey

Source: Map Number 34025C0181G
Revised Preliminary January 30, 2015

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982A

APPENDIX B

**NATURAL HERITAGE PROGRAM
DATABASE SEARCH RESULTS**



State of New Jersey

MAIL CODE 501-04

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF PARKS & FORESTRY

NEW JERSEY FOREST SERVICE

OFFICE OF NATURAL LANDS MANAGEMENT

P.O. BOX 420

TRENTON, NJ 08625-0420

Tel. (609) 984-1339 Fax (609) 984-0427

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

CATHERINE R. McCABE

Commissioner

August 22, 2019

Jacqueline M. McCort
Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701

Re: Grange Avenue Pocket Park (MC Project No. 17004982B)
Fair Haven Borough, Monmouth County

Dear Ms. McCort:

Thank you for your data request regarding rare species information for the above referenced project site.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.3) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Natural Heritage Data Request Form into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for occurrences of rare wildlife species or wildlife habitat in the immediate vicinity (within ¼ mile) of the referenced site. Additionally, the Natural Heritage Database was checked for occurrences of rare plant species or ecological communities within ¼ mile of the site. Please refer to Table 2 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented within the immediate vicinity of the site. Detailed reports are provided for all categories coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 3 (attached) to determine if any rare wildlife species or wildlife habitat is documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on the project site.

For requests submitted in order to make a riparian zone width determination as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on, or in the immediate vicinity of, your project site. A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for FHACA plant species will only report precisely located occurrences for those wetland plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 3 (attached) to determine if any precisely located rare wetland plant species covered by the FHACA rules have been documented. Detailed reports are

NHP File No. 19-4007338-17366

provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on, or in the immediate vicinity of, the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1, 2 and 3 (attached) to determine if any priority sites are located on, in the immediate vicinity, or within one mile of the project site.

A list of rare plant species and ecological communities that have been documented from the county (or counties), referenced above, can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/countylist.html>. If suitable habitat is present at the project site, the species in that list have potential to be present.

Status and rank codes used in the tables and lists are defined in EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS, which can be downloaded from http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes_2010.pdf.

Beginning May 9, 2017, the Natural Heritage Program reports for wildlife species will utilize data from Landscape Project Version 3.3. If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive web application at the following URL, <https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=0e6a44098c524ed99bf739953cb4d4c7>, or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292-9400.

For additional information regarding any Federally listed plant or animal species, please contact the U.S. Fish & Wildlife Service, New Jersey Field Office at <http://www.fws.gov/northeast/njfieldoffice/endangered/consultation.html>.

PLEASE SEE 'CAUTIONS AND RESTRICTIONS ON NHP DATA', which can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/newcaution2008.pdf>.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Robert J. Cartica
Administrator

c: NHP File No. 19-4007338-17366

Mail Code 501-04
Department of Environmental Protection
New Jersey Forest Service
Office of Natural Lands Management
P.O. Box 420 Trenton, New Jersey 08625-0420
Tel. (609) 984-1339 Fax. (609) 984-1427

Invoice

Date	Invoice #
8/22/2019	17366

Bill to:
Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701

Make check payable to:
DEP - Office of Natural Lands Management

Forward with a copy of this statement to:
Mail Code 501-04
Office of Natural Lands Management
P.O. Box 420 Trenton, New Jersey 08625-0420

Quantity (hrs.)	Description	Rate (per hr.)	Amount
1	Natural Heritage Database search for locational information of rare species and ecological communities. Project: 19-4007338-17366	\$ 70.00	\$ 70.00
Jacqueline M. McCort Project Name: Grange Avenue Pocket Park (MC Project No. 17004982B)		Total	\$ 70.00

Table 1: On Site Data Request Search Results (6 Possible Reports)

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Possibly on Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites On Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat on the Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species On the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches
--

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N

Table 2: Vicinity Data Request Search Results (6 possible reports)

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Immediate Vicinity of the Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites within the Immediate Vicinity	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat In the Immediate Vicinity of Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat In the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species In the Immediate Vicinity of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N

***Table 3: Within 1 Mile for Riparian Zone Width Determination
(6 possible reports)***

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Rare Plant Species Occurrences for Riparian Zone Width Determination (Flood Hazard Area Control Act Rule Application) - Within One Mile of the Project Site Based on Search of Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites for Riparian Zone Width Determination - Within One Mile of the Project Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3	Yes	1 page(s) included
5. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches
--

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Strank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Least Tern	Sternula antillarum	Foraging	4	NA	State Endangered	G4	S1B,S1N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N
	Wood Thrush	Hylocichla mustelina	Breeding Sighting	2	NA	Special Concern	G4	S3B,S4N

**Vernal Pool Habitat for Riparian Zone Width Determination
Within One Mile of the Project Site
Based on Search of Landscape Project 3.3**

Vernal Pool Habitat Type	Vernal Pool Habitat ID
Potential vernal habitat area	1680
Total number of records:	1



State of New Jersey

MAIL CODE 501-04

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF PARKS & FORESTRY

NEW JERSEY FOREST SERVICE

OFFICE OF NATURAL LANDS MANAGEMENT

P.O. BOX 420

TRENTON, NJ 08625-0420

Tel. (609) 984-1339 Fax (609) 984-0427

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

CATHERINE R. McCABE

Commissioner

August 22, 2019

Jacqueline M. McCort
Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701

Re: Hance Road Pocket Park
Fair Haven Borough, Monmouth County

Dear Ms. McCort:

Thank you for your data request regarding rare species information for the above referenced project site.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.3) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Natural Heritage Data Request Form into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for occurrences of rare wildlife species or wildlife habitat in the immediate vicinity (within ¼ mile) of the referenced site. Additionally, the Natural Heritage Database was checked for occurrences of rare plant species or ecological communities within ¼ mile of the site. Please refer to Table 2 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented within the immediate vicinity of the site. Detailed reports are provided for all categories coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 3 (attached) to determine if any rare wildlife species or wildlife habitat is documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on the project site.

For requests submitted in order to make a riparian zone width determination as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on, or in the immediate vicinity of, your project site. A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for FHACA plant species will only report precisely located occurrences for those wetland plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 3 (attached) to determine if any precisely located rare wetland plant species covered by the FHACA rules have been documented. Detailed reports are

NHP File No. 19-4007338-17367

provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on, or in the immediate vicinity of, the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1, 2 and 3 (attached) to determine if any priority sites are located on, in the immediate vicinity, or within one mile of the project site.

A list of rare plant species and ecological communities that have been documented from the county (or counties), referenced above, can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/countylist.html>. If suitable habitat is present at the project site, the species in that list have potential to be present.

Status and rank codes used in the tables and lists are defined in EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS, which can be downloaded from http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes_2010.pdf.

Beginning May 9, 2017, the Natural Heritage Program reports for wildlife species will utilize data from Landscape Project Version 3.3. If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive web application at the following URL, <https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=0e6a44098c524ed99bf739953cb4d4c7>, or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292-9400.

For additional information regarding any Federally listed plant or animal species, please contact the U.S. Fish & Wildlife Service, New Jersey Field Office at <http://www.fws.gov/northeast/njfieldoffice/endangered/consultation.html>.

PLEASE SEE 'CAUTIONS AND RESTRICTIONS ON NHP DATA', which can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/newcaution2008.pdf>.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Robert J. Cartica
Administrator

c: NHP File No. 19-4007338-17367

Mail Code 501-04
Department of Environmental Protection
New Jersey Forest Service
Office of Natural Lands Management
P.O. Box 420 Trenton, New Jersey 08625-0420
Tel. (609) 984-1339 Fax. (609) 984-1427

Invoice

Date

Invoice #

8/22/2019

17367

Bill to:
Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701

Make check payable to:

DEP - Office of Natural Lands Management

Forward with a copy of this statement to:

Mail Code 501-04

Office of Natural Lands Management

P.O. Box 420 Trenton, New Jersey 08625-0420

Quantity (hrs.)	Description	Rate (per hr.)	Amount
1	Natural Heritage Database search for locational information of rare species and ecological communities. Project: 19-4007338-17367	\$ 70.00	\$ 70.00
Jacqueline M. McCort Project Name: Hance Road Pocket Park		Total	\$ 70.00

Table 1: On Site Data Request Search Results (6 Possible Reports)

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Possibly on Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites On Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat on the Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species On the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches
--

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N

Table 2: Vicinity Data Request Search Results (6 possible reports)

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Immediate Vicinity of the Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites within the Immediate Vicinity	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat In the Immediate Vicinity of Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat In the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species In the Immediate Vicinity of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N

***Table 3: Within 1 Mile for Riparian Zone Width Determination
(6 possible reports)***

<u>Report Name</u>	<u>Included</u>	<u>Number of Pages</u>
1. Rare Plant Species Occurrences for Riparian Zone Width Determination (Flood Hazard Area Control Act Rule Application) - Within One Mile of the Project Site Based on Search of Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites for Riparian Zone Width Determination - Within One Mile of the Project Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3	Yes	1 page(s) included
5. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches
--

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Strank
<i>Aves</i>								
	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Black Skimmer	Rynchops niger	Foraging	4	NA	State Endangered	G5	S1B,S1N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Least Tern	Sternula antillarum	Foraging	4	NA	State Endangered	G4	S1B,S1N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N
	Wood Thrush	Hylocichla mustelina	Breeding Sighting	2	NA	Special Concern	G4	S3B,S4N

**Vernal Pool Habitat for Riparian Zone Width Determination
Within One Mile of the Project Site
Based on Search of Landscape Project 3.3**

Vernal Pool Habitat Type	Vernal Pool Habitat ID
Potential vernal habitat area	1680
Total number of records:	1

APPENDIX C
PHOTOGRAPHS



Site Photos
Grange Avenue
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 1. Northwesterly view of dead end street sign from Grange Avenue and easterly and westerly residential boundaries.



Photo view 2. Northeasterly view of easterly boundary and slope.



Site Photos
Grange Avenue
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 3. Westerly view of adjoining residential property and



Photo view 4. Easterly view of parking and road end and benches to be removed and repaired.



Site Photos
Grange Avenue
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 5. Easterly view of adjoining residential property and slope.



Photo view 6. Northeasterly view of slope and bulkhead.



Site Photos
Grange Avenue
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 7. Southwesterly view of road and adjoining residential property.



Corporate Headquarters
331 Newman Springs Road
Suite 203
Red Bank, NJ 07701
T: 732.383.1950
F: 732.383.1984
www.maserconsulting.com

Aerial Photograph
Grange Avenue Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: USFWS Wetlands Mapper

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982B



Site Photos
Hance Road
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 1. Northwesterly view of gate leading to beach access.



Photo view 2. Northeasterly view of adjoining residential property.



Site Photos
Hance Road
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 3. Westerly view of adjoining residential property.



Photo view 4. Northern view of asphalt walkway to beach and easterly and westerly view of boundaries.



Site Photos
Hance Road
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 5. Southwesterly view of adjoining residential property, slope and drain.



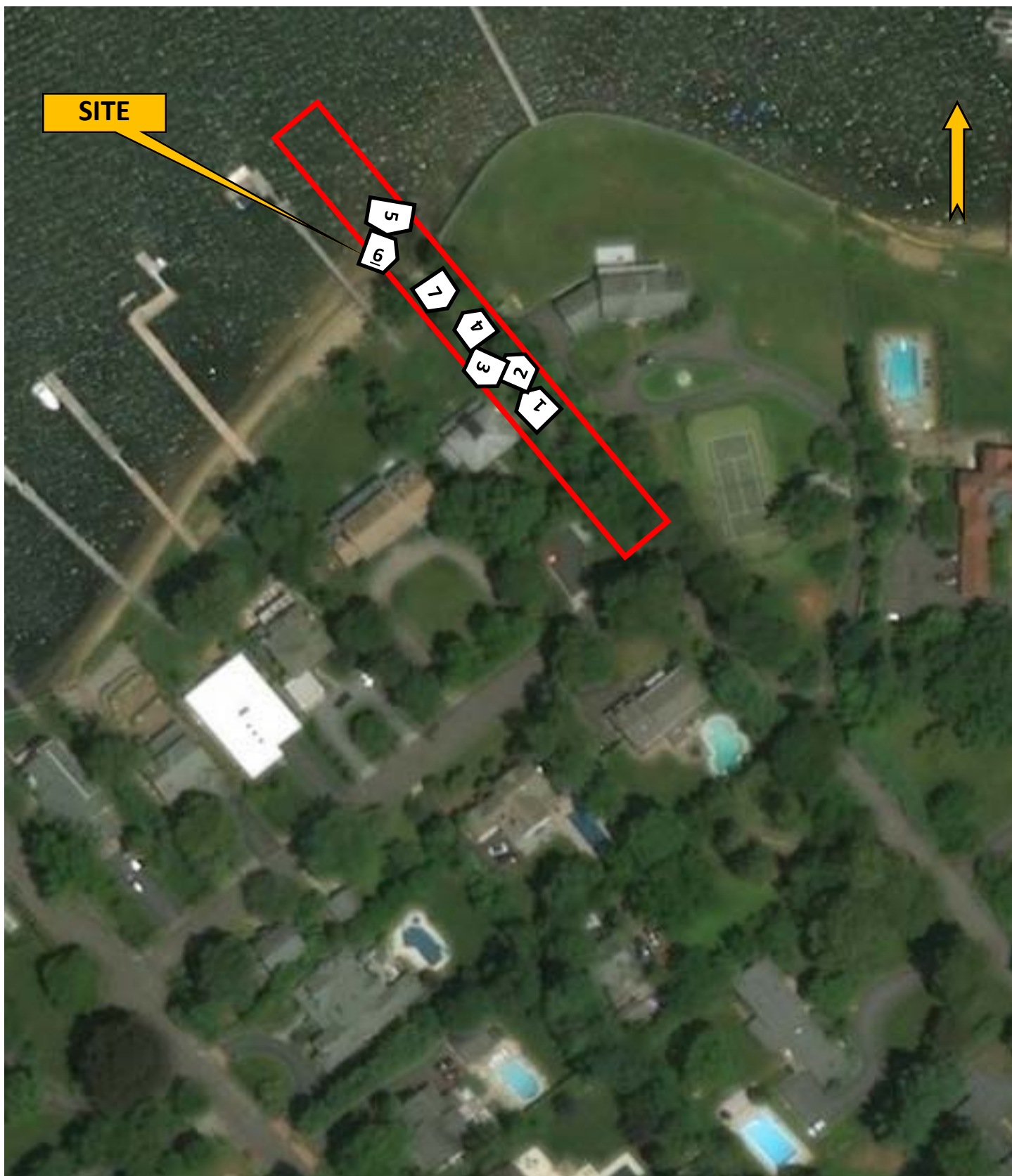
Photo view 6. Southeasterly view of road from beach and residential properties.



Site Photos
Hance Road
Borough of Fair Haven, Monmouth County, New Jersey
February 2019
MC Project No. 17004982B



Photo view 7. Southwesterly walk way back to Hance Road and westerly and easterly residential properties.



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Aerial Photograph
Hance Road Pocket Park
Fair Haven, Monmouth County, New Jersey

Source: USFWS Wetlands Mapper

Scale: Not to Scale

Date: January 9, 2018

Project Number: 17004982B

APPENDIX D
QUALIFICATIONS OF PREPARERS

JOSEPH P. LAYTON

Principal Associate/Assistant Department
Manager/Ecological Services

EDUCATION

- B.S. Environmental Planning and Natural Resource Management, Rutgers University, Cook College, 1992

PROFESSIONAL CERTIFICATIONS

- NJDEP Certified Subsurface Evaluator, License #229606
- NJDEP Certified Underground Storage Tank Closure
- Environmental Assessment Association - Certified Environmental Specialist
- Certified Remediation Specialist
- Radon Measurement Specialist #MES11066
- 40 Hr NJ/EPA Model Lead Inspector/Risk Assessor
- OSHA 40 Hr HAZWOPER Training
- 8-Hour OSHA HAZWOPER Refresher Training

PROFESSIONAL AFFILIATIONS

- Ecological Society of America
- Society of Wetland Scientists

EXPERIENCE

Mr. Layton is an Environmental Scientist with over 24 years of experience including an extensive background and expertise in environmental sciences. His expertise includes an emphasis on wetland delineation, regulatory permitting and compliance, environmental assessment, environmental impact analysis, and soil evaluation. His diversified experience also includes natural resource evaluations, ecological research, watershed management, subsurface explorations, underground storage tank exploration and removal, soil classification systems, and environmental sampling design and protocol in accordance with State and Federal regulations. He utilizes Geographic Information Systems (GIS) and Global Positioning Systems (GPS) in environmental sampling and studies, including site remediation design and sampling, groundwater and surface water quality monitoring and management, and lake rehabilitation/restoration.

As Assistant Department Manager, Mr. Layton has utilized the aforementioned experience and technical skills to successfully assist clients with litigation support and regulatory compliance and has been deemed an expert in the field by various Planning and Zoning Boards while providing testimony regarding the same. His proven dedication to client satisfaction has resulted in long standing professional relationships. His client base includes private development and redevelopment companies, municipalities, county governments, infrastructure authorities, daycare facilities, higher education institutions, financial institutions, utility companies, and law firms.

CONTINUING EDUCATION

- Methodology for Delineating Wetlands, Cook College.
- Vegetation Identification for Wetland Delineation, Cook College
- Hydrology of Wetlands, Cook College
- Endangered & Threatened Species of New Jersey, Cook College
- Lake Management, Cook College
- Soils and Site Evaluation for Septic Disposal Systems & Stormwater BMP's, Cook College
- Site Remediation Basics, Cook College
- Remedial Decision Making, Cook College
- Ecological Risk Management, Cook College



PROJECTS

Groundwater Quality Monitoring/ Management

Responsible for designing, implementing, and preparing groundwater monitoring and management plans. A sampling of representative projects includes the following:

- **New Jersey National Golf Club Groundwater Quality Monitoring Plan**
Township of Bernards, Somerset County, NJ
Responsible for determining location and depth of monitoring wells; coordinating and supervising well installation; sampling and analyzing results; and determining groundwater flow and fate of contaminants.
- **Leisure Glen Retirement Community**
Township of Manchester, Ocean County, NJ
Responsible for determining the location, depth and sampling parameters of groundwater monitoring wells in a 2,500-unit retirement and 18-hole golf course community widening, complete resurfacing of all 13 miles of existing roadway, safety improvements and implementation, as well as construction of IVHS systems in this corridor.
- **Trump National Hudson Valley Golf Club Groundwater Quality Monitoring Plan**
Township of Bernards, Somerset County, NJ
Responsible for determining location and depth of monitoring wells; coordinating and supervising well installation; sampling and analyzing results; and determining groundwater flow and fate of contaminants.

Watershed Management /Lake Restoration

Responsible for determining sources of non-point pollution using available mapping and field reconnaissance, determining watershed boundaries, and preparing best management practices manuals.

- **The Great Swamp National Wildlife Refuge Watershed Management Study**
Morris and Somerset Counties, NJ
- **Wemaconk Lake Restoration**
Borough of Englishtown, Monmouth County, NJ

Wetland Delineation

Involved in the identification and delineation of numerous freshwater and tidal wetlands (over 10,500 acres) in New Jersey and New York. The assessment of wetland value (resource classification) was involved for many of these wetlands.

- **Runyon Interceptor Trunk Sanitary Sewer Line Alignment**
Township of Old Bridge, Middlesex County, NJ
Determined alignment of two miles of sanitary sewer on a 400-acre+ site using aerial photography and site inspections minimizing impacts to numerous wetland communities.
- **Oakwood at Old Bridge**
Township of Old Bridge, Middlesex County, NJ
Delineated freshwater wetlands on a 235-acre site, half of which was wetlands.
- **Ashland/Former Hercules Plant**
Parlin, Middlesex County, NJ
Delineated freshwater wetlands on a 300-acre site formerly utilized as a munitions plant in 1930s-1960s.
- **MEC Power Generating Facility**
Sayreville Borough, Middlesex County, NJ
Delineated freshwater and tidal wetlands on a 40-acre site formerly utilized as a landfill. Site recently delisted as a Superfund site and will be developed as an electric power generating facility.
- **Gates Landfill**
Jersey City, Hudson County, NJ
Delineated freshwater and tidal wetlands on a 60-acre site formerly utilized as a fly-ash landfill of a PSEG power generating facility. Site recently delisted as a Superfund site and will be developed as an electric power generating facility.



Permit Applications

Prepared environmental permits for private residential, commercial and industrial projects. This has included U.S. Army Corps of Engineers Permits and New Jersey Department of Environmental Protection Freshwater Wetland Permits, Freshwater Wetland Transition Area Waivers, Individual Permits, Waterfront Development Permits, and CAFRA Permits.

- **National Lead Redevelopment**
Borough of Sayreville, Middlesex County, NJ
Prepared and obtained numerous Coastal and Land Use permits from the NJDEP-DLUR and USACE to effectuate remediation of the largest redevelopment project currently in the State of New Jersey. The redevelopment of the site also required a Freshwater Wetlands Individual Permit which was also approved for the project.
- **Transcontinental Gas Pipeline Armoring**
Township of Hopewell, Mercer County, NJ
Prepared and obtained an Individual Permit from the NJDEP-LURP to permanently disturb a stream and its associated wetland to construct armoring to protect a Transcontinental Gas Pipeline.
- **The Hills Development**
Township of Bernards, Somerset County, NJ
Prepared and obtained majority of wetland permitting for a 5,300 residential unit, 400,000 SF of commercial and professional office space and an 18-hole golf course planned development in an environmentally sensitive ecosystem.
- **Apple Cove Development**
Township of Middletown, Monmouth County, NJ
Prepared and obtained freshwater wetland and CAFRA permits for single-family, residential subdivision located along a tidally influenced watercourse.
- **Trump National Pine Hill Golf Club**
Pine Hill, Camden County, NJ
Prepared and obtained freshwater wetland Individual permits for redeveloping a former amusement park into a premier golf course. Rehabilitating/reconstructing the only remaining native Brook trout stream in southern New Jersey was required as part of permit approval.
- **Frenchtown Nishisakawick Creek Stream Bank Restoration**
Borough of Frenchtown, Hunterdon County, NJ
Through funding by the U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), the Borough of Frenchtown sought to restore and stabilize eroded streambanks along Nishisakawick Creek, a highly protected water in the state of New Jersey. Mr. Layton provided oversight and management of the ecological team. The scope included delineation of wetlands and open waters, restoration design oversight, and prepared applications to the NJDEP for a Freshwater Wetlands Individual Permit and Flood Hazard Area Individual Permit.

Environmental Assessments/Regulatory Compliance

Prepared and conducted Environmental Phase I Assessments for residential, commercial, and industrial property transfers in accordance with ASTM and Fannie Mae guidelines. Also prepared and conducted Preliminary Assessments, Site Investigations, Remedial Investigations, and Remedial Action Work Plans in accordance with N.J.A.C. 7:26E.

- **Heavenly Farms**
Township of East Brunswick, Middlesex County, NJ
Prepared and performed Preliminary Remedial Investigation/Action to obtain a "Letter of No Further Action" for a 230-acre farm with contaminated soils for development of recreational fields.
- **Marlboro Psychiatric State Hospital**
Marlboro Township, Monmouth County, NJ
Consultant to the Township of Marlboro regarding the municipality purchasing a 411-acre State-owned psychiatric hospital. Responsible for identifying areas of environmental concern, review of environmental investigation and remediation reporting generated by State contractors and making recommendations to the municipality regarding environmental concerns and purchase of the property.



- **Columbian Chemicals Mapico Iron Oxide Plant**
South Brunswick Township, Middlesex County, NJ
Prepared and performed preliminary assessment/site investigation, remedial investigation/action and Baseline Ecological Evaluation to obtain a "Letter of No Further Action" from the NJDEP to develop an 86-acre former chemical plant in a residential land use. Extensive soil and groundwater contamination was remediated.
- **The Villas at Shoregate**
City of South Amboy, Middlesex County, NJ
Prepared and performed Preliminary Assessment/Site investigation to obtain a "Letter of No Further Action" for a 16-acre, former dredge disposal area adjacent to the Raritan Bay.
- **Rolling Acres Subdivision**
Monroe Township, Middlesex County, NJ
Prepared and performed Preliminary Assessment, Site Investigation, and Remedial Investigation/Action to obtain a "Letter of No Further Action" for a 168-acre farm with contaminated soils.
- **Stewart International Airport**
Town of New Windsor, Orange County, NY
Consultant to potential leaseholders to the Port Authority New York and New Jersey to determine potential environmental areas of concern to development. This included Phase I and Phase II investigations in accordance with ASTM standards.

Subsurface Exploration/Evaluation

Capable of evaluating soils in accordance with NJDEP's Chapter 199 for subsurface sewage disposal systems. Able to establish depth of water tables, evaluate suitability of sites for subsurface disposal systems, perform percolation tests, basin flood tests, pit bail tests and tube permeameter tests. Capable of evaluating subsurface conditions utilizing the Burmister classification system, USDA Soil Taxonomy terminology and the Unified classification system.

Environmental Impact Assessment

Prepared numerous environmental impact statements and assessments for a wide variety of projects, including residential and commercial developments for both the public and private sector.

- **Taconic Homes Site Bog Turtle Survey and Wildlife Inventory**
Village of Pleasant Valley, Dutchess County, NY
Performed survey for bog turtle on a 76± acre tract using Phase II survey methods. Also performed a limited wildlife inventory during the spring season. This work was performed to satisfy lead agency requirements under the NY SEQRA.
- **Middlesex County Educational Services Commission Special Education Facility**
Borough of Sayreville, Middlesex County, NJ
Provided environmental services to conduct a Phase I environmental assessment associated with professional engineering services for a 65,000 SF special education facility with a pool, a future building, associated parking lot, and a playground. Tasks included a historical review of project site, industrial / commercial historical review, site visit to identify obvious visual signs of contamination and use of hazardous materials, project approval status review, review of existing, local, state and federal records, review of adjacent lands, preparation of site location map, and report preparation.
- **Capodagli Property Company Phase I Assessment**
North Arlington Borough, Bergen County, NJ
Provided environmental services to delineate wetlands, prepare an application for a Letter of Interpretation to the New Jersey Department of Environmental Protection, and prepare a Phase I Environmental Assessment for the property that is between .5 to 1.0 acres and adjacent to the Passaic River, and regulatory permitting (NJDEP upland waterfront development and waterfront development, NJDEP tidelands conveyance, and US Army Corps of Engineers Section 10 – installation of outfall structure).



- **New Gregory Elementary School (NJSCC Funded)**

- **City of Long Branch, Monmouth County, NJ**

- Provided site design, civil, and environmental engineering services for a proposed three-story, 45,000 SF elementary school to accommodate children from pre-kindergarten through 5th grade located on a six-acre tract of land. Environmental services included wetlands evaluation, preliminary assessment (PA), site investigation (SI), and environmental impact statement (EIS)/ EO 215, and environmental regulatory permitting (NJDEP statewide general, and NJDEP treatment and water works). The preliminary assessment (PA) report indicated four areas of Concern (AOC). Three UST's, waste piles (plastic bottles, plastic bags, aluminum cans, etc.), one pole mounted electrical transformer and capacitor, and a former railroad easement adjacent to property with inactive rail lines with possible polynuclear aromatic hydrocarbons (PAHs). A site investigation (SI) will be performed to evaluate the presence or absence of soil and groundwater impact associated with UST's and the former railroad easement. A report will be prepared containing all lab results and recommendations for further investigation and/or remedial action as well as projected cost estimates for remedial investigation and cleanup.

- **Diversified Developers, LLC – Retail Store and Day Care Facility**

- **Jackson Township, Ocean County, NJ**

- Provided environmental services to conduct a Phase I environmental assessment associated with the site design and civil engineering services associated with the development of a 35,000 SF retail facility including a day care facility along with typical appurtenant site improvements on approximately 3.8-acres of land. Services included historical review to evaluate past conditions of sites as they relate to existing and proposed uses, industrial/commercial historical review, site visit to identify all obvious visual signs of contamination and the use of hazardous materials, review existing local, State, and federal records, review of adjacent lands, prepared site location map depicting the approximate parcel boundaries, and an area of at least one-mile radius around the site.

- **Thomas Associates – Site Assessment Proposed School Site**

- **City of Bordentown, Burlington County, NJ**

- Provided environmental services for a Phase I Environmental Assessment for a 75-acre parcel of land previously historically farmed for a proposed new school facility. Services included preliminary assessment, SI & RI historical review, industrial and commercial historical review, review of existing local, state and federal records, review of adjacent lands, preparation site location map, preliminary soil screening, delineation of wetlands and LOI and regulatory permitting (stream encroachment, land use regulations freshwater wetlands and soil erosion and sediment control), Colonial Pipeline Crossing/Encroachment and Environmental Impact Statement (EIS).



JACQUELINE M. MCCORT

Associate/Senior Environmental Scientist

EXPERIENCE

EDUCATION

- M.S. Biology, Georgian Court University, 2011
- B.S. with Program Distinction, Environmental Studies, Richard Stockton College of New Jersey, 2001

PROFESSIONAL CERTIFICATIONS

- OSHA 40 Hr Health and Safety and 8 Hr Refresher

PROFESSIONAL AFFILIATIONS

- Society of Wetland Scientists

Ms. McCort is a Senior Environmental Scientist with over 14 years of experience in various facets of environmental science and policy. She specializes in coastal ecology, permitting and compliance, wetland assessment and delineation, habitat assessments, environmental impact analyses, violation resolution, and threatened and endangered wildlife of New Jersey.

As a Senior Environmental Scientist, Ms. McCort consistently and effectively directs projects through State and Federal permitting programs and uses her skills in mediation to resolve conflicts between property owners and the New Jersey Department of Environmental Protection. She is well-versed in coastal zone permitting and successfully obtains permits from the NJDEP and the U.S. Army Corps of Engineers. She has also been involved in numerous volunteer bog turtle studies and investigations using Phase I and Phase II survey techniques. Additionally, Ms. McCort previously served as an Adjunct Professor at both Monmouth University and Stockton University. At Monmouth University, she taught an introductory level Environmental Science class, and at Stockton, she conducted upper level coursework concentrating on Invasive Species Ecology.

PROJECTS

Rushmore Drive Project (16" Gas Main) City of Charlotte, Mecklenburg County, NC

As Senior Environmental Scientist, conducted sensitive resource surveys, permitting, and agency consultation. Project required a Pre-Construction Notification (PCN) for coverage under an USACE NWP-12 (CWS 404) and NCDEQ CWS 401 Water Quality Certification. Since the project has a federal nexus, consultation with the United States Fish and Wildlife Service (USFWS), and NC State Historic Preservation Office (SHPO) was required. Consultations warranted specie specific surveys and Phase 1 Archeological Survey.

T-021 Pipeline Replacement Project Cary and Morrisville, Wake County, NC

A confidential energy client was seeking to upgrade its transmission services in Wake County, NC. The replacement of approximately 3.59 miles of pipeline required the identification, delineation, and mapping of environmental resources such as wetlands, waters, man-made features, and potential federal and state-listed species habitats using Global Positioning System (GPS) technology. Ms. McCort also consulted with various federal agencies to confirm no adverse impacts were anticipated to various sensitive environmental resources as a result of the proposed replacement.



Line 363 M&R Station**City of Charlotte, Mecklenburg County, NC**

As Senior Environmental Scientist, conducted biological surveys and prepared the USACE §404/10 and North Carolina Department of Water Quality (NCDWQ) §401 Joint Permit authorization that included consultation and approval from the USFWS for Threatened and Endangered Species, and the North Carolina State Historic Preservation Office (NCSHPO). Project included replacing an existing M&R Station with a new relocated M&R Station and 180 LF of transmission piping in Charlotte. Services also included monitoring tree clearing and environmental compliance during construction.

Little Creek Relocation Project**Winston-Salem, Forsyth County, NC**

A confidential energy client's existing distribution line and valve had become exposed due to stream morphology, erosion, and incising. Project included the relocation of the line and valve, as well as using engineering controls to reduce erosion. Ms. McCort delineated wetlands and waters and is preparing the USACE §404/10 and North Carolina Department of Water Quality (NCDWQ) §401 Joint Permit authorization that includes consultation and approval from the USFWS for Threatened and Endangered Species, and the North Carolina State Historic Preservation Office (NCSHPO).

Albemarle Transmission Integrity Management Program (TIMP) & Distribution Integrity Management Program (DIMP)**City of Albemarle, Stanly County, NC**

A confidential energy client was seeking to upgrade its network throughout the Albemarle, NC community. The installation of approximately 26,000 LF of natural gas transmission lines and 31,900 LF of natural gas distribution lines requires a desktop analysis of environmental features and biological surveys. As Senior Environmental Scientist, Ms. McCort identified, delineated, and located environmental resources such as wetlands, waters, man-made features, and potential federal and state-listed species habitats using Global Positioning System (GPS) technology. If warranted by project design, Ms. McCort will prepare a Pre-Construction Notification for Nationwide Permit No. 12.

Old Bridge Solar**Old Bridge Township, Monmouth County, NJ**

As Senior Environmental Scientist, provided ecological and permitting services for a solar array which includes 30,722 solar panels with six inverter stations and one switch gear station on a 100+ acre site in Old Bridge Township for CEP Old Bridge, LLC. The project site is located in New Jersey's CAFRA (Coastal Area Facility Review Act) Zone and is constrained by freshwater wetlands, regulated waters, floodplains, historical/cultural resources, and historic fill, thus requiring a complex permitting approach. Ms. McCort successfully obtained a New Jersey Department of Environmental Protection CAFRA Individual Permit, Freshwater Wetlands General Permits, and Freshwater Wetlands Transition Area Waiver for the proposed solar energy facility.

DPMC Archery Park & Hunter Education Training Center**Union Township, Hunterdon County, NJ**

As Environmental Scientist, provided ecological and permitting services for the completion of a new Olympic-caliber indoor archery facility at the Clinton Wildlife Management Area in Union Township for the New Jersey Department of Property Management and Construction (DPMC). The project included the development of an indoor facility, outdoor archery range, and a large parking area for events. The selected project site has challenging permitting and environmental requirements, and Ms. McCort successfully obtained a New Jersey Department of Environmental Protection Highlands Preservation Area Approval for the proposed development.

Priority Repairs to Mill Road Bridge**City of Absecon, Atlantic County, NJ**

Provided permitting services as part of the bridge engineering and design for Atlantic County for priority repairs to Mill Road Bridge (A-04) over Absecon Creek in the City of Absecon. Ms. McCort secured an In-Water Waterfront Development Individual Permit and Freshwater Wetlands General Permit from the NJDEP, as well as a Tidelands License and U.S. Army Corps of Engineers Nationwide Permit authorization.



Lake Como Stormwater Outfall Improvements**Belmar, Spring Lake, and Lake Como Boroughs, Monmouth County, NJ**

As Environmental Scientist, provided permitting services for the installation of a new 60" drainage outfall for Lake Como into the Atlantic Ocean to reduce flooding and provide redundancy in the case of damage to the existing 30" outfall pipe. The project includes the construction of the approximately 700' long outfall pipe and associated control structures and required a NJDEP CAFRA Individual Permit, In-Water Waterfront Development Individual Permit, and Freshwater Wetlands General Permit, as well as a Tidelands License and U.S. Army Corps of Engineers authorization.

Cove on the Bay**Borough of Keansburg, Monmouth County, NJ**

Served as environmental consultant to RPM Development Group for the permitting of a 9-story high-rise mixed use redevelopment in the Borough of Keansburg, a first in this area of Monmouth County. Ms. McCort successfully obtained a CAFRA Individual Permit from NJDEP for the proposed 186 luxury apartments and retail space. Permitting services included an environmental impact statement.

Matrix Business Park at 6A**Burlington Township & Burlington City, Burlington County, NJ**

Provided environmental consulting services for a proposed 1,000,000+ SF warehouse distribution center with 110 loading docks, 900 parking spaces, and 200 trailer spaces adjacent to the Delaware River. Permitting services included obtaining approvals from NJDEP and U.S. Army Corps of Engineers for development in wetlands, tidal and navigable waters, flood hazard areas, and the Delaware River waterfront.

Proposed Cell Tower**Township of Manchester, Ocean County, NJ**

A significant portion of Manchester Township is located in the Pinelands Comprehensive Management Plan regulatory zone within the Pinelands National Reserve. Ms. McCort provided environmental consulting services to site a new cell tower in the Township that would be acceptable under the Pinelands Comprehensive Management Plan and prepared an application to the NJ Pinelands Commission. The NJ Pinelands Commission approved the construction of a new 150-foot local communication facility/tower.

The Point at Sayreville (Former National Lead Site)**Borough of Sayreville, Middlesex County, NJ**

Environmental Scientist tasked with obtaining permits required for capping the site and construction of the mixed-use development at the largest brownfield redevelopment project in the history of the State of New Jersey. This project entails the redevelopment of the former National Lead Site, which is a contaminated industrial brownfield site with complicated subsurface soil conditions. The project consists of a mixed-use waterfront development with more than 2.8 miles of waterfront; 3,000,000 SF of retail space; 1,250 hotel rooms; a government complex; 2,000 residential units; an entertainment complex; marina; and multiple digital media towers.

Blackberry Bay Park Boat Launch Rehabilitation**Borough of Oceanport, Monmouth County, NJ**

As Environmental Scientist, provided ecological services for the rehabilitation of the Blackberry Bay Park Boat Launch Facility in Oceanport. The project, which was partially funded through the Monmouth County Open Space Fund, included the removal and replacement of the existing boat launch and the construction of a new bulkhead. Responsibilities included delineating freshwater and coastal wetlands within 150 feet of the site and obtaining a Coastal General Permit, a Waterfront Development Permit, a Section 10 Permit from the Army Corps of Engineers, and an NJDEP Tidelands License.

Nishisakawick Creek Stream Bank Restoration**Borough of Frenchtown, Hunterdon County, NJ**

Through funding by the U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), the Borough of Frenchtown sought to restore and stabilize eroded streambanks along Nishisakawick Creek, a Category One water in the state of New Jersey, as well as remove accumulated sediment and debris that was obstructing flow in the stream. As the project environmental specialist, Ms. McCort delineated wetlands



and open waters, guided the restoration design, and prepared applications to the NJDEP for a Freshwater Wetlands Individual Permit and Flood Hazard Area Individual Permit.

City of Sea Isle Natural Resource Inventory**City of Sea Isle, Cape May County, NJ**

Natural Resource Inventories are a compilation of natural resource characteristics and environmental features within a municipality that typically consist of text, maps, photos and other visual elements representing existing environmental conditions. Ms. McCort served as an Environmental Specialist assisting in the preparation of a natural resource inventory report for the entire municipality to document biological resources of the City, particularly rare, threatened, and endangered species populations and habitats as previously documented by the New Jersey Department of Environmental Protection (NJDEP) and U.S. Fish and Wildlife Service. Services also included identification of wetland complexes present within the municipality. This inventory will become the basis for land use planning that protects local resources.

Pinnacle Communities**Borough of Oakland, Bergen County, NJ**

Ms. McCort served as an environmental consultant to The Pinnacle Companies for the proposed construction of 209 townhouses and single-family dwellings, including 28 affordable units. Services included preparation of an application for General Permits and Transition Area Waivers to the NJDEP, assessment of potential Barred Owl (*Strix varia*) habitat based on vegetative composition and structure, and delineation of various plant communities on the subject parcel.

Runyon Interceptor**Township of Old Bridge, Middlesex County, NJ**

The Old Bridge Municipal Utilities Authority (OBMUA) proposed the connection of approximately one mile of sanitary sewer main through vacant forested land within Old Bridge Township, with a portion of the work occurring in environmentally sensitive freshwater wetlands and open waters. As the environmental consultant for the project, Ms. McCort assisted in the delineation of freshwater wetlands, collection of data, and the securing of environmental approvals (Freshwater Wetlands Individual Permit, Flood Hazard Area Individual Permit) from the NJDEP.

Environmental Permitting for Various Bridge Reconstructions**Various Locations, NJ and NY**

Ms. McCort served as an environmental consultant for the proposed reconstruction of bridges and culverts in Sussex, Bergen, Passaic, Warren, Hunterdon, Morris, Somerset, Middlesex, Mercer, Monmouth and Gloucester Counties in New Jersey and in Rockland County, New York. Services included delineation of wetlands, assessment of environmental impacts due to reconstruction, and preparation and submission of applications to NJDEP, New York Department of Environmental Conservation (NYDEC) and the United States Army Corps of Engineers (USACE).

Sparkill Brook Stream Cleaning**Boroughs of Northvale and Rockleigh, Bergen County, NJ**

The Borough proposed the removal of debris and sediment from a half-mile stretch of Sparkill Brook to alleviate flooding in neighboring residences and businesses. Ms. McCort served as an environmental specialist to the Borough of Northvale through the NJDEP permitting process for the cleaning of Sparkill Brook. Ms. McCort prepared a Freshwater Wetlands Individual Permit and Flood Hazard Area Individual Permit application to the NJDEP for the cleaning project.

CONTINUING EDUCATION

Hydric Soils, Rutgers University.

Methodology for Delineating Wetlands, Rutgers University.

Freshwater Wetland Construction Techniques, Rutgers University.

Endangered and Threatened Species of Northern New Jersey, Rutgers University.



Vegetation Identification for Wetland Delineation – North, Rutgers University.

Field Course for Endangered and Threatened Species of Southern New Jersey, Rutgers University.

Field Course for Endangered and Threatened Species of Northern New Jersey, Rutgers University.

NJ Wetlands Manual Training Workshop, Rutgers University.

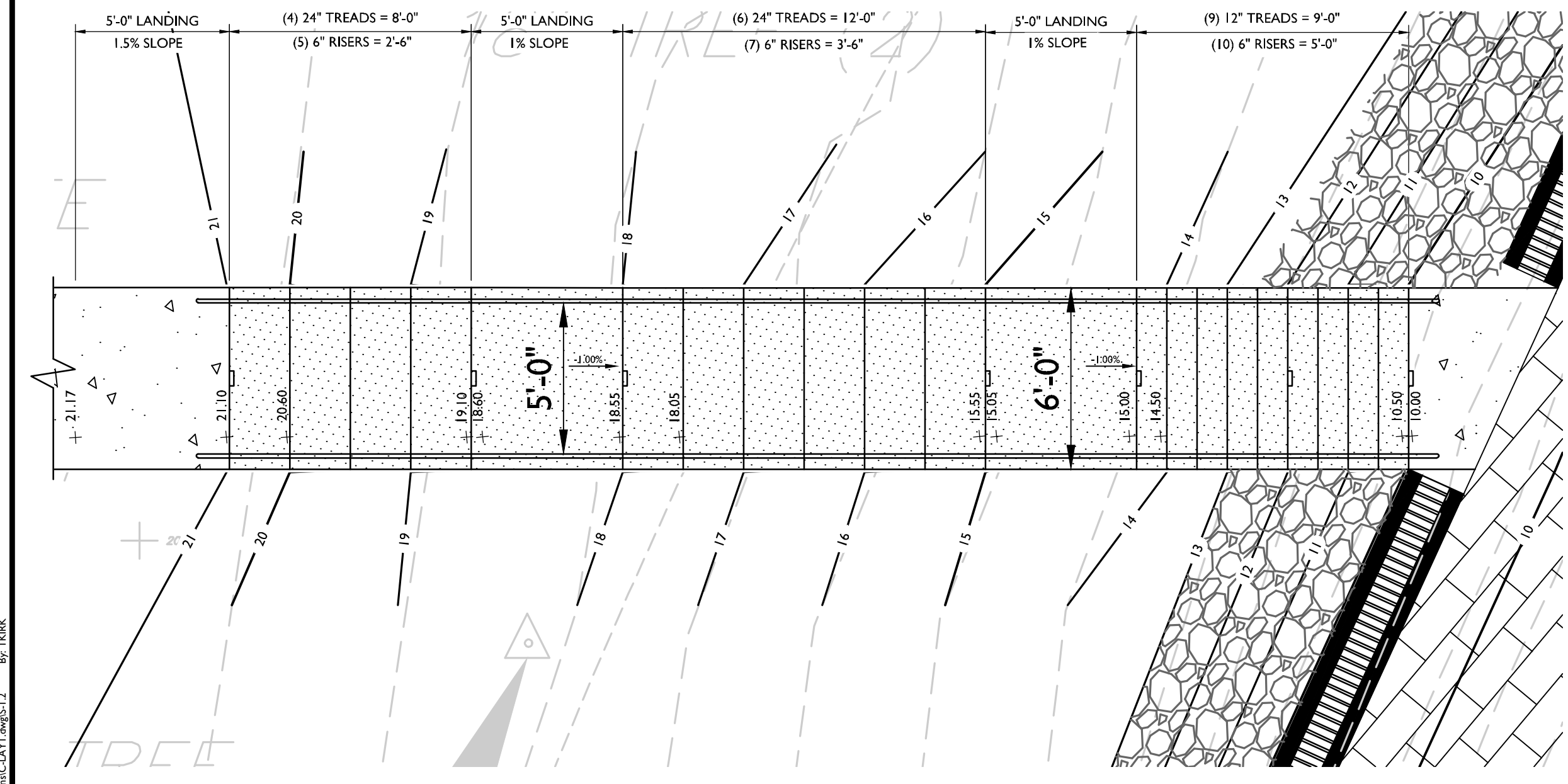
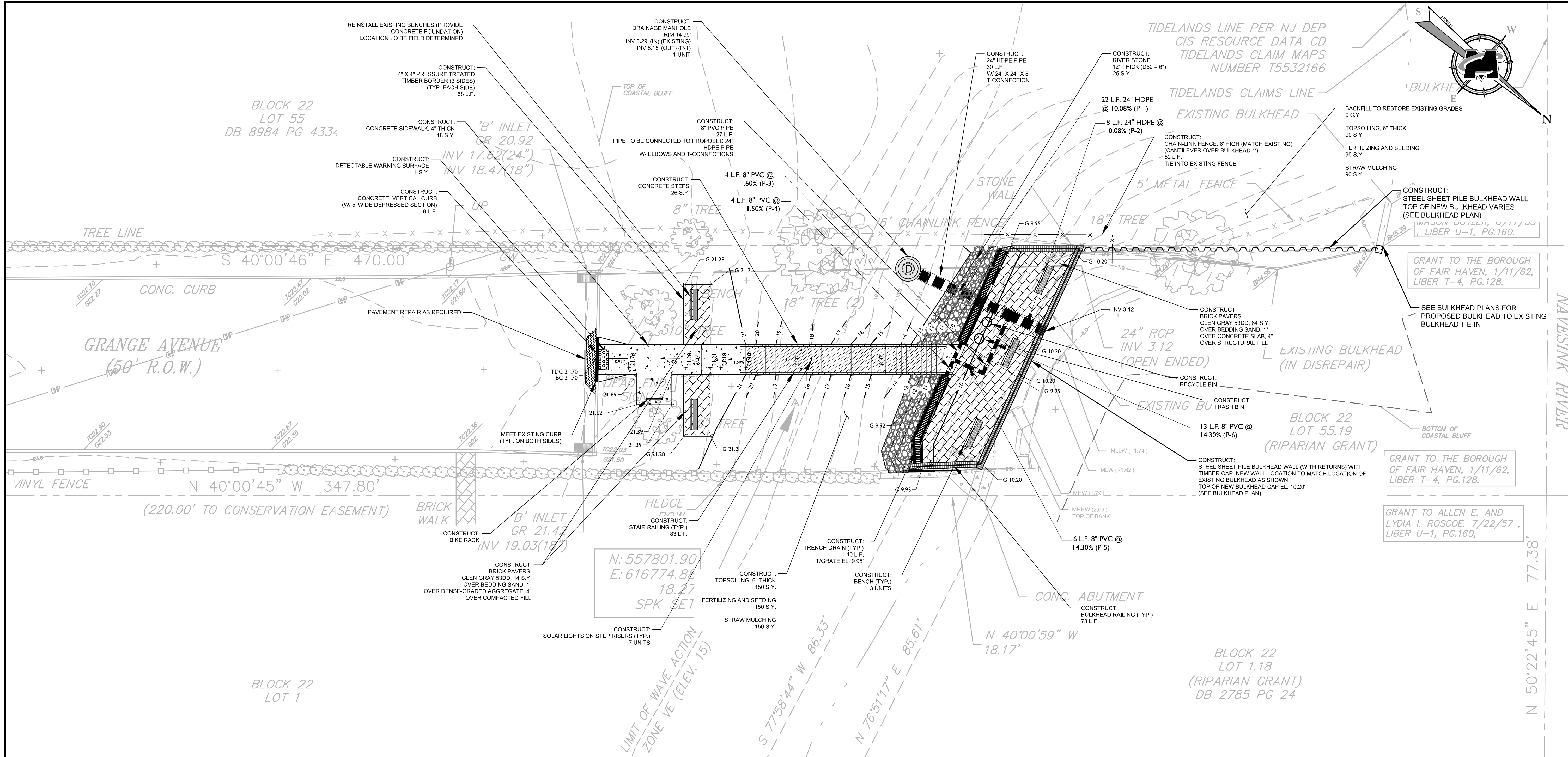
Vegetation Identification for Wetland Delineation – Winter, Rutgers University.

FERC Environmental Seminar, Marcellus Shale Coalition.

Basic Processes in Hydric Soils, North Carolina State University.



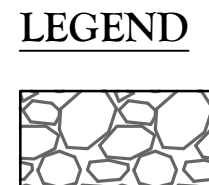




CONCRETE STEP INSET
SCALE: 1" = 4'

SITE & GRADING PLAN
GRANGE AVENUE
SCALE: 1" = 10'

- NOTES:**
- THE ENTIRE SITE IS WITHIN 300' RIPARIAN ZONE.
 - HORIZONTAL DATUM BASED UPON THE NEW JERSEY STATE PLANE COORDINATED SYSTEM, NAD 83 (NEAR SURFACE DERIVED COORDINATES UTILIZING KEYNET GPS).
 - EXISTING SITE TOPOGRAPHIC INFORMATION AS SHOWN HEREON IS BASED UPON NAVD 88 (NORTH AMERICAN VERTICAL DATUM OF 1988).
 - TIDAL INFORMATION OBTAINED FROM NOAA OCEANIC, NAVESINK RIVER, NJ, STATION ID 8531753.
 - AE, VE, AND WAVE ACTION ZONES ARE BASED ON PRELIMINARY FEMA FLOOD INSURANCE RATE MAP REVISED JANUARY 30, 2015, MAP NUMBER 3402SC0181G.
 - ALL AREAS THAT ARE NOT DESIGNATED FOR REMOVAL SHALL BE MAINTAINED IN PRE-CONSTRUCTION CONDITION.
 - THE LOCATION OF ALL UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON VISIBLE SURFACE STRUCTURES AND ANY UTILITY MAPS PROVIDED BY UTILITY COMPANIES REFERENCED HEREON. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THE SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. THE CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES FIELD-VERIFIED BY THE PROPER UTILITY COMPANIES BEFORE ANY CONSTRUCTION BEGINS.
 - MEAN LOW WATER LINE AND MEAN LOWER LOW WATER LINE ARE OUTSIDE THE LIMITS OF THIS PROJECT.



RIVER STONE (D₅₀ = 6") FROM EL. 10.0 UP TO EL. 13.0 AT 1 1/2' H : 1' V SLOPE. 12" THICK LAYER OVER FILTER FABRIC.



LEGEND	
EXISTING	PROPOSED

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- Westchester, NY
- Columbia, MD
- Lehigh Valley, PA
- Exton, PA
- Philadelphia, PA
- Pittsburgh, PA
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- Norfolk, VA
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REV	DATE	DRAWN BY	DESCRIPTION
1	07/21/19	TEK	FINAL PLAN SUBMITTAL

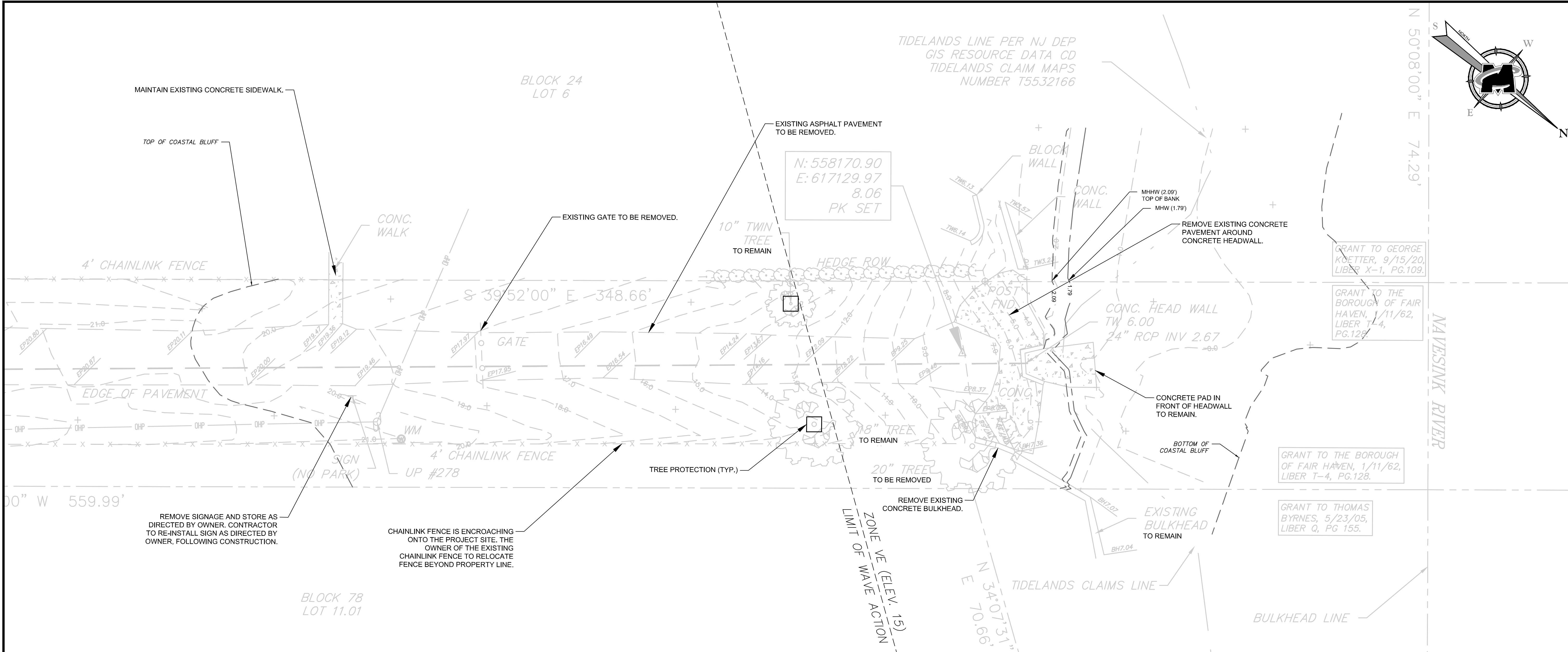
RICHARD C. MALONEY
NEW JERSEY PROFESSIONAL ENGINEER - LICENSE NUMBER: GE39023

CONSTRUCTION PLANS
FOR
BULKHEAD REPLACEMENT
GRANGE AVENUE & HANCE ROAD
POCKET PARKS & BATTIN ROAD BOAT RAMP
BOROUGH OF FAIR HAVEN
MONMOUTH COUNTY
NEW JERSEY

RED BANK OFFICE
Corporate Headquarters
331 Newman Springs Road
Suite 203
Red Bank, NJ 07701
Phone: 732.383.1950
Fax: 732.383.1984

SCALE: AS SHOWN	DATE: 4/02/19	DRAWN BY: TEK	CHECKED BY: RCM
PROJECT NUMBER: 170049828	DRAWING NAME: C-LAYT		

SHEET TITLE:
SITE & GRADING PLAN
GRANGE AVENUE
SHEET NUMBER:
S-1.2



HANCE ROAD EXISTING CONDITIONS & DEMOLITION PLAN

SCALE: 1" = 10"

GENERAL NOTES:

- THE ENTIRE SITE IS WITHIN 300' RIPARIAN ZONE.
- HORIZONTAL DATUM BASED UPON THE NEW JERSEY STATE PLANE COORDINATED SYSTEM, NAD 83 (NEAR SURFACE DERIVED COORDINATES UTILIZING KEYNET GPS).
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- AE, VE, AND WAVE ACTION ZONES ARE BASED ON PRELIMINARY FEMA FLOOD INSURANCE RATE MAP REVISED JANUARY 30, 2015, MAP NUMBER 34025C0181G.
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- MEAN LOW WATER LINE AND MEAN LOWER LOW WATER LINE ARE OUTSIDE THE LIMITS OF THIS PROJECT.

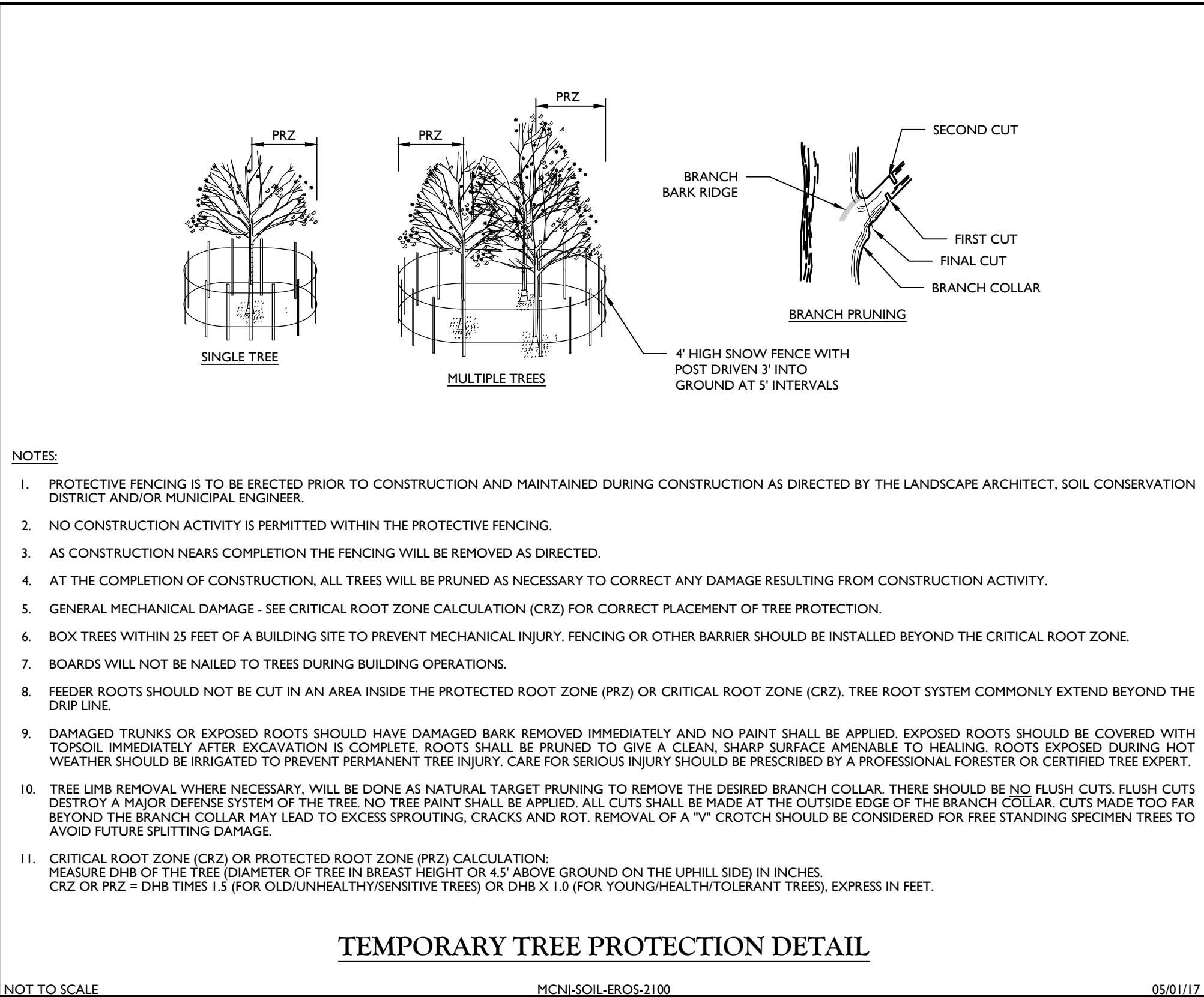
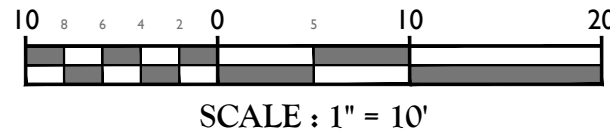
DEMOLITION NOTES:

- BULKHEAD REMOVAL SHALL INCLUDE ALL BULKHEAD MATERIALS. FULL DEPTH OF BULKHEAD SHALL BE REMOVED. IT IS CONTRACTOR'S RESPONSIBILITY TO STABILIZE UPWARD SLOPE DURING CONSTRUCTION.
- STONE WALL AND BULKHEAD REMOVAL SHALL ALSO INCLUDE ALL FILL AND OTHER DEBRIS THAT HAS COLLAPSED AND WHICH NEEDS TO BE REMOVED TO ALLOW PROPER CONSTRUCTION OF NEW UNIFORM AND STRAIGHT BULKHEAD.
- ALL AREAS THAT ARE NOT DESIGNATED FOR REMOVAL, OR ARE LISTED TO REMAIN, SHALL BE MAINTAINED IN PRECONSTRUCTION CONDITIONS. CONTRACTOR SHALL SUBMIT PHOTOS AND VIDEO OF ENTIRE PROJECT AREA AND SURROUNDING AREA. ANY DAMAGE SHALL BE REPAIRED AT NO COST TO OWNER.
- ALL VEGETATION AND TREES NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED PER INCLUDED DETAILS.

LEGEND

- MEAN HIGHER HIGH WATER LINE ---
- MEAN HIGH WATER LINE - - - - -
- MEAN LOW WATER LINE - - - - -
- MEAN LOWER LOW WATER LINE - - - - -
- PROPERTY/GRANT BOUNDARY LINE - - - - -

TIDAL RANGE		
	NAVD	MLW
MHHW	2.09'	3.71'
MHW	1.79'	3.41'
MTL	0.9'	1.71'
NAVD88	0.00'	1.62'
MLW	-1.62'	0.00'
MLLW	-1.74'	-0.12'



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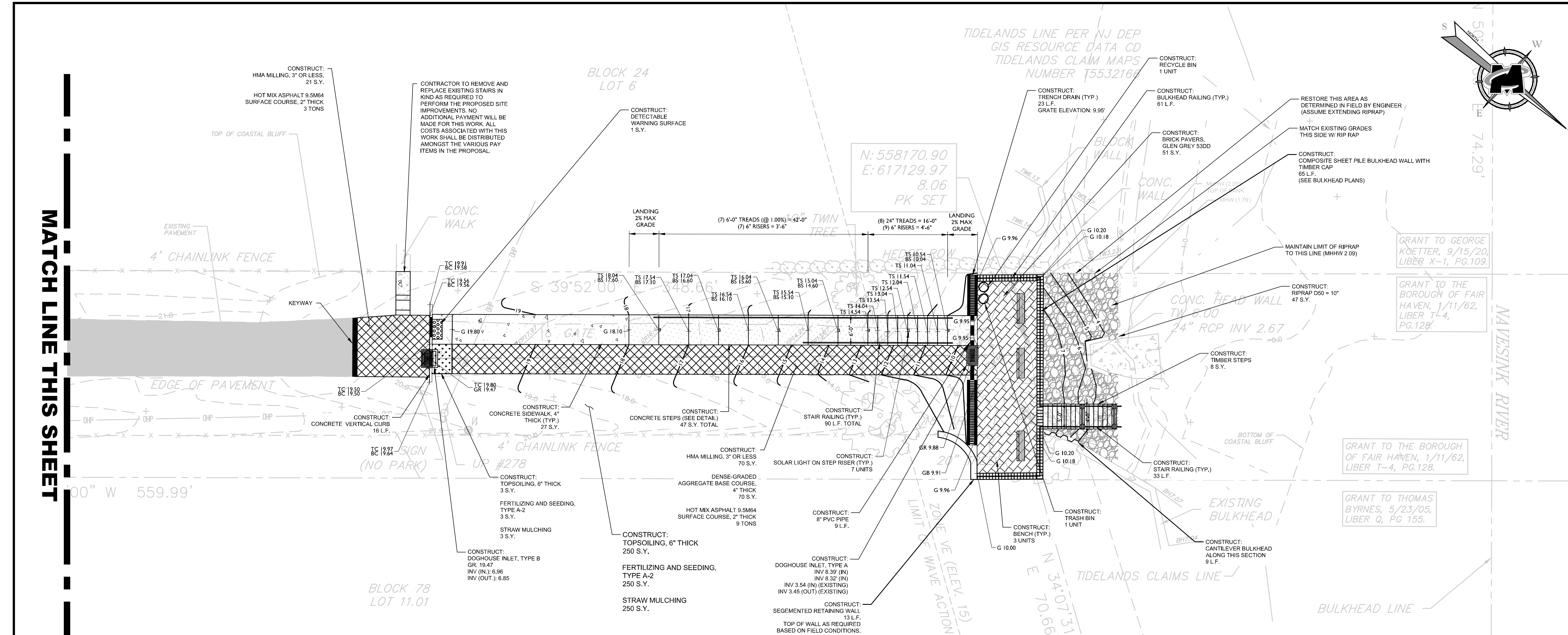
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SCALE: AS SHOWN DATE: 4/02/19 DRAWN BY: TEK CHECKED BY: RCM
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SHEET TITLE:
**HANCE ROAD
EXISTING CONDITIONS &
DEMOLITION PLAN**

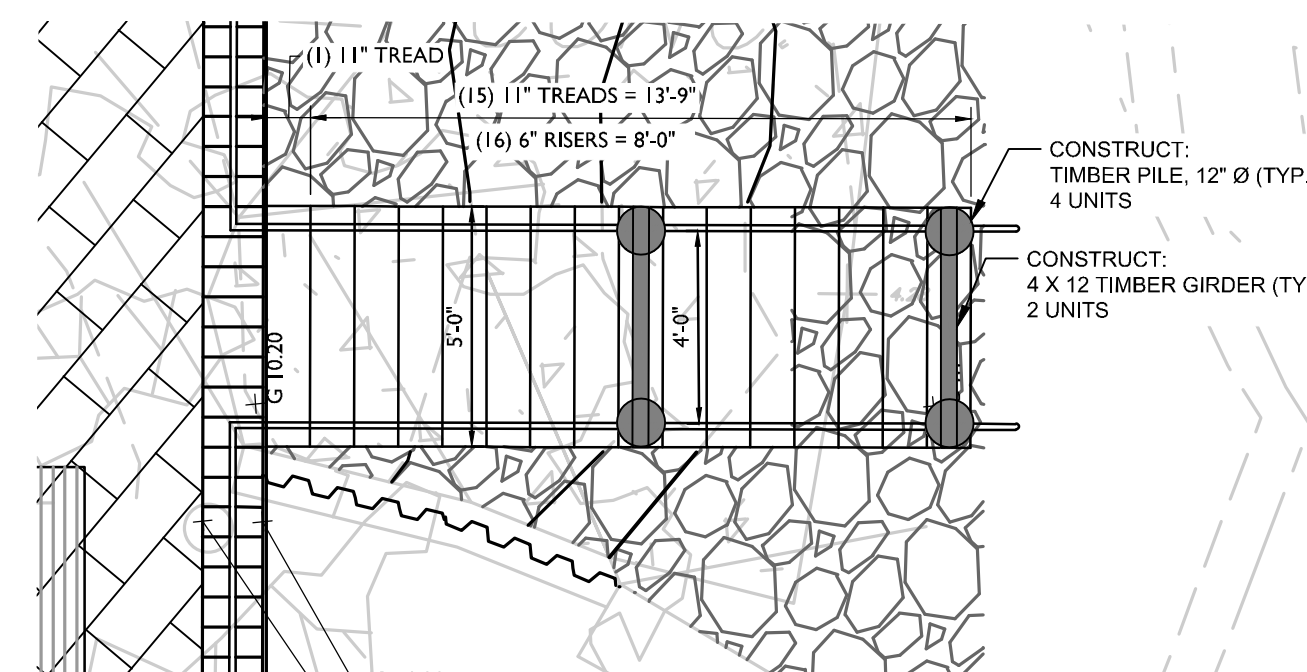
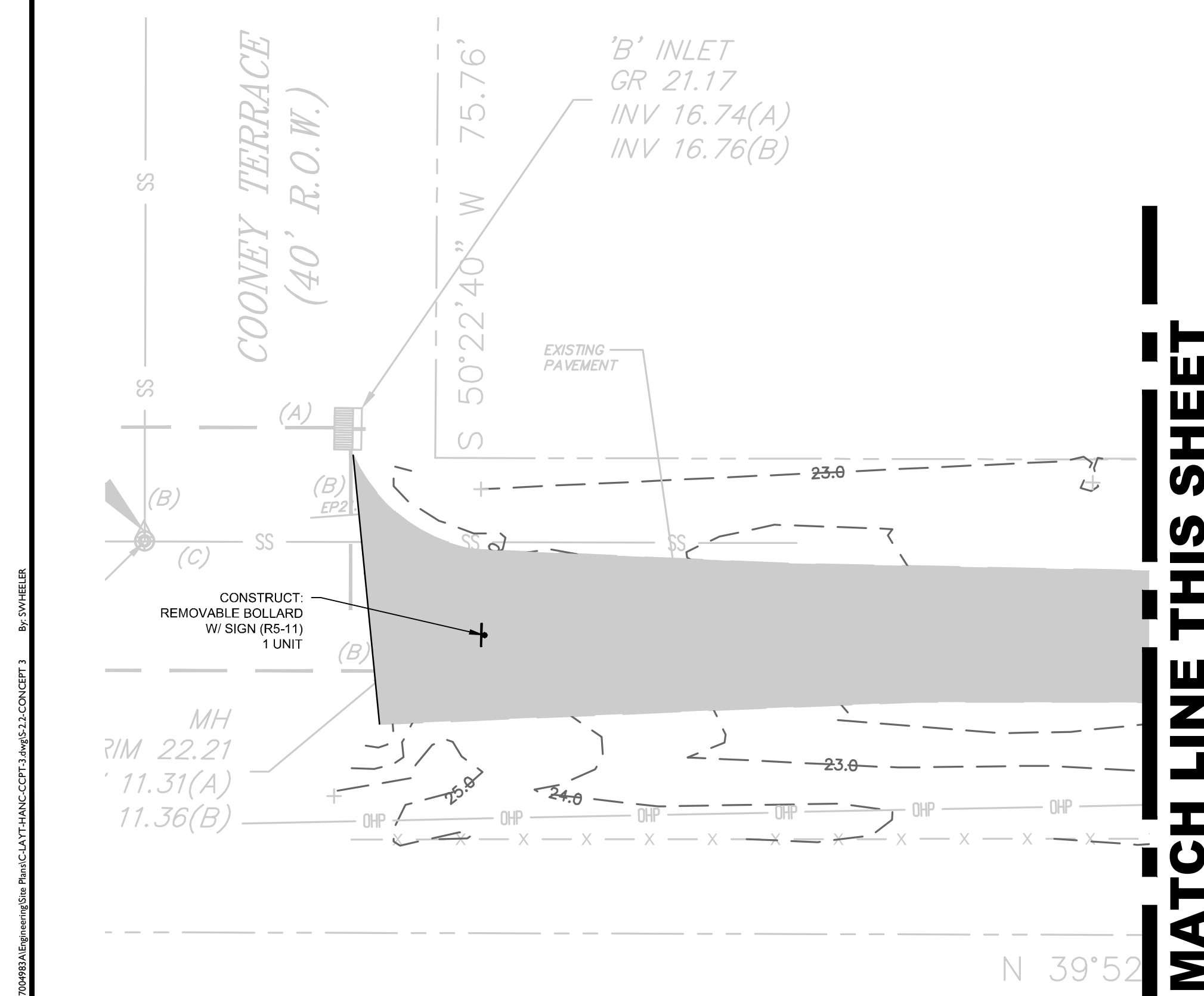
SHEET NUMBER:
S-2.1



SITE & GRADING PLAN

HANCE ROAD

SCALE: 1" = 10'



TIMBER STEP INSET

SCALE: 1" = 4'

