

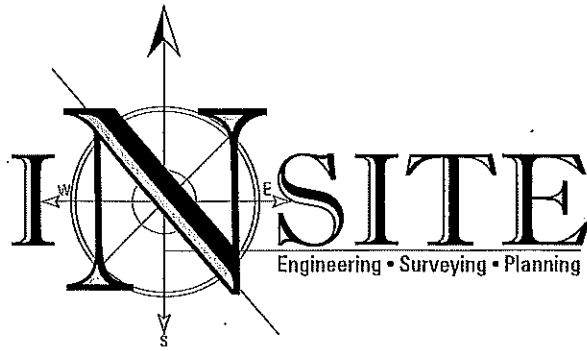
NJDEP
Division of Land Resource Protection
501 East State Street
Station Plaza 5 – 2nd Floor
Trenton, NJ 08609

Attn: Patricia Cluelow, Application Support

December 18, 2020

Via: Federal Express

**Subject: Application for Letter of Interpretation and Flood Hazard Area Verification
C1 Farms LLC, Applicant
4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, New Jersey**



Dear Ms. Cluelow:

Please find enclosed a complete application package for a Letter of Interpretation and Flood Hazard Verification that has been prepared on behalf of the Applicant, C1 Farms LLC.

The application package includes the following items:

1. One (1) original completed and signed DLUR application form (Exhibit A);
2. Application fee in the amount of \$2,300 (Exhibit A);
3. Federal Express receipt and copy of transmittal letter as evidence that a complete copy of the LOI application was sent to the municipal clerk (Exhibit B);
4. Certified list of property owners within 200 feet (Exhibit B);
5. Copy of notice letter and plan that was sent to all required parties (Exhibit B);
6. Certified mail receipts as proof that notice letters and plan were sent to all required parties (Exhibit B);
7. Three (3) copies of an Engineering Report, including site location maps and Natural Heritage Program Letter (Exhibit C);
8. Data Sheets as justification of the wetlands boundary delineation (Exhibit D);
9. Qualifications of the wetlands delineator (Exhibit D);
10. Color photographs depicting existing site conditions including a photo location map (Exhibit E);
11. Five (5) copies of the LOI Survey Plan (Exhibit F - Detached);
12. Three (3) copies of FHA Verification Plan (Exhibit G - Detached);
13. One (1) CD with complete copy of the application package (Exhibit H – Detached).

InSite Engineering, LLC

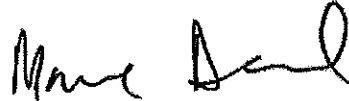
1955 Route 34, Suite 1A • Wall, NJ 07719

732-531-7100 (ph) • 732-531-7344 (fx) • InSite@InSiteEng.net • www.InSiteEng.net

Licensed in NJ, PA, DE, NY, CT, MD, NC, DC, & CO

If you have any questions regarding this submission, please contact me at (732) 531-7100 or maeve.desmond@InSiteEng.net. Thank you.

Sincerely,
InSite Engineering, LLC



Maeve Desmond, PP, AICP

cc: C1 Farms LLC (Applicant)

20-1384-01
Enclosures

InSite Engineering, LLC

1913 Atlantic Avenue, Suite F4 • Wall, NJ 08736
732-531-7100 (ph) • 732-531-7344 (fx) • InSite@InSiteEng.net • www.InSiteEng.net
Licensed in NJ, PA, DE, NY, CT, NC, DC, & CO



Application for Letter of Interpretation and Flood Hazard Area Verification

4-6 Ardsley Place

**BLOCK 171, LOT 79
4-6 Ardsley Place
MARLBORO TOWNSHIP
MONMOUTH COUNTY, NJ**

**C1 Farms LLC, Applicant
501 Highway 79
Morganville, NJ 07751**

**December 18, 2020
InSite Project No. 20-1384-01**

**Maeve E. Desmond
Senior Project Manager**

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EXHIBIT A

ADMINISTRATIVE DOCUMENTS
DLUR APPLICATION FORM
APPLICATION FEE



**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

Initial Application Response to DLUR Deficiency Extension / Modification Is this project a NJDOT Priority 2 Repair Project? Yes No

1. Applicant Name: Mr./Ms./Mrs. G1 Farms LLC E-Mail: _____
Address: 501 Hwy 79 Daytime Phone: _____ Ext. _____
City/State: Morganville, NJ Zip Code 07751 Cell Phone: _____

2. Agent Name: Mr./Ms./Mrs. Maeve E. Desmond E-Mail: maeve.desmond@insiteeng.net
Firm Name: InSite Engineering, LLC Daytime Phone: 732-531-7100 Ext. 4002
Address: 1955 Route 34, Suite 1A Zip Code 07719 Cell Phone: 732-773-8454
City/State: Wall, NJ

3. Property Owner: Mr./Ms./Mrs. Stella Estates, LLC E-Mail: _____
Address: 107 William Street Daytime Phone: _____ Ext. _____
City/State: Clark, NJ Zip Code 07066 Cell Phone: _____

4. Project Name: 4-6 Ardsley Place Address/Location: 4-6 Ardsley Place
Municipality: Township of Marlboro County Monmouth Zip Code 07751
Block(s): 171 Lot(s): 79

N.A.D. 1983 State Plane Coordinates (feet) E(x): 560.807 N(y): 553.791 Not Longitude/Latitude
Watershed: Raritan River Lower (below Lawrence) Subwatershed: Deep Run (above Monmouth County line)
Nearest Waterway: Deep Run Tributary

5. Project Description: Verification of limits of wetlands, transition areas, flood hazard area and riparian zone on property to be developed with one single family home.

Provide if applicable: Previous LUR File # (s): 1324-04-0003.1 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.

David Hernandez Jr.
Signature of Applicant
Date 9/3/2020
David Hernandez
Print Name

Stacey Hernandez
Signature of Applicant
Date 9/3/2020
Stacey Hernandez
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 108 (National Register of Historic Places) Determination as part of a federal approval? Yes No

x Teresa La Stella
 Signature of Owner
2020 08-12
 Date
TERESA LASTELLA
 Print Name

 Signature of Owner/Easement Holder

 Date

 Print Name/Title

C. APPLICANT'S AGENT

I, David Hernandez, the Applicant/Owner and Stacey Hernandez, co-Applicant/Owner authorize to act as my agent/representative in all matters pertaining to my application the following person:

Maeva E. Desmond
 Name of Agent
Senior Project Manager
 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:
Maeva E. Desmond
 Signature of Agent

InSite Engineering, LLC
 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.

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.

Patrick R. Ward
 Signature
Patrick R. Ward, P.E., P.P.
 Print Name
Senior Project Manager, InSite Engineering, LLC
 Position & Name of Firm
NJPE 24GE05079000
 Professional License #
12/18/20
 Date

Maeva E. Desmond
 Signature
Maeva E. Desmond
 Print Name
Senior Project Manager, InSite Engineering, LLC
 Position & Name of Firm
12/18/2020
 Date

 Professional License #
 (If Applicable)

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

	Coastal Individual Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	CAFRA -- IP SFH or Duplex	\$2,000	
<input type="checkbox"/>	CAFRA -- IP Residential not SFH/duplex	\$3,000 x _____ # of units	
<input type="checkbox"/>	CAFRA -- IP Commercial, Industrial or Public	\$3,000 x _____ acres of the site	
<input type="checkbox"/>	WFD - IP SFH or Duplex (Upland/Landward of MHWL)	\$2,000	
<input type="checkbox"/>	WFD -- IP Residential not SFH/duplex (Upland/Landward of MHWL)	\$3,000 x _____ # of units	
<input type="checkbox"/>	WFD -- IP Commercial, Industrial or Public Development (Upland/Landward of MHWL)	\$3,000 x _____ acres of the site	
<input type="checkbox"/>	WFD - IP SFH or Duplex (Waterward of MHWL)	\$2,000	
<input type="checkbox"/>	WFD -- IP Residential not SFH/duplex (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
<input type="checkbox"/>	WFD -- IP Commercial, Industrial or Public Development (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
<input type="checkbox"/>	CSW -- IP SFH or Duplex	\$2,000	
<input type="checkbox"/>	CSW -- IP All Development not SFH/duplex	\$3,000 x _____ acres of wetlands disturbed	

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

	Consistency Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Water Quality Certificate (NOTE: No fee required under the coastal program)	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
<input type="checkbox"/>	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
<input type="checkbox"/>	FWGP1 Main. & Repair Exist Feature	\$1,000.00	
<input type="checkbox"/>	FWGP2 Underground Utility Lines	\$1,000.00	
<input type="checkbox"/>	FWGP3 Discharge of Return Water	\$1,000.00	
<input type="checkbox"/>	FWGP4 Hazard Site Invest/Cleanup	\$1,000.00	
<input type="checkbox"/>	FWGP5 Landfill Closures	\$1,000.00	
<input type="checkbox"/>	FWGP6 Filling of Non-Tributary Wetlands	\$1,000.00	
<input type="checkbox"/>	FWGP6A TA Adj. to Non-Tributary Wetlands	\$1,000.00	
<input type="checkbox"/>	FWGP7 Human-made Ditches/Swales in Headwaters	\$1,000.00	
<input type="checkbox"/>	FWGP8 House Additions	\$1,000.00	
<input type="checkbox"/>	FWGP9 Airport Sight-line Clearing	\$1,000.00	
<input type="checkbox"/>	FWGP10A Very Minor Road Crossings	\$1,000.00	
<input type="checkbox"/>	FWGP10B Minor Road Crossings	\$1,000.00	
<input type="checkbox"/>	FWGP11 Outfalls / Intakes Structures	\$1,000.00	
<input type="checkbox"/>	FWGP12 Surveying and Investigating	\$1,000.00	
<input type="checkbox"/>	FWGP13 Lake Dredging	\$1,000.00	
<input type="checkbox"/>	FWGP14 Water Monitoring Devices	\$1,000.00	
<input type="checkbox"/>	FWGP15 Mosquito Control Activities	\$1,000.00	
<input type="checkbox"/>	FWGP16 Creation/Restoration/Enhancement Habitat	No Fee	No Fee
<input type="checkbox"/>	FWGP17 Trails / Boardwalks	\$1,000.00	
<input type="checkbox"/>	FWGP17A Non-Motorized Multi-Use Paths	\$1,000.00	
<input type="checkbox"/>	FWGP18 Dam Repairs	\$1,000.00	
<input type="checkbox"/>	FWGP19 Docks and Piers	\$1,000.00	
<input type="checkbox"/>	FWGP20 Bank Stabilization	\$1,000.00	
<input type="checkbox"/>	FWGP21 Above Ground Utility Lines	\$1,000.00	
<input type="checkbox"/>	FWGP22 Expansion Cranberry Growing (Pinelands)	No Fee	No Fee
<input type="checkbox"/>	FWGP23 Spring Developments	\$1,000.00	
<input type="checkbox"/>	FWGP24 Malfunctioning Individual Septic Systems	No Fee	No Fee
<input type="checkbox"/>	FWGP25 Minor Channel / Stream Cleaning	\$1,000.00	
<input type="checkbox"/>	FWGP26 Redevelop Previously Disturbed Site	\$1,000.00	
<input type="checkbox"/>	FWGP27 Application of herbicide in wetlands	\$1,000.00	

	Freshwater Individual Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	FWW IP-SFH/Duplex-Wetlands	\$2,000	
<input type="checkbox"/>	FWW IP-Wetlands (not SFH/Duplex)	\$5,000 + (\$2,500 x # acres FWW disturbed)	
<input type="checkbox"/>	FWW IP-SFH/Duplex-Open Water	\$2,000	
<input type="checkbox"/>	FWW IP-Open Water (not SFH/Duplex)	\$5,000 + (\$2,500 x # acres FWW disturbed)	

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

	Letter of Interpretation	Fee Amount	Fee Paid
<input type="checkbox"/>	LOI Presence Absence	\$1,000.00	
<input type="checkbox"/>	LOI Footprint of Disturbance (3 Maximum)	\$1,000.00 each	
<input type="checkbox"/>	LOI Delineation < 1.00 Acres	\$1,000.00	
<input checked="" type="checkbox"/>	LOI Verification	\$1,000 + (\$100 x 13 # of acres of the site)	2,300.00
<input type="checkbox"/>	LOI Partial Site Verification	\$1,000 + (\$100 x # of acres of the site subject to LOI)	
<input type="checkbox"/>	LOI Extension Presence/Absence, Footprint, Delineation < 1 acre (Re-Issuance)	\$500	
<input type="checkbox"/>	LOI Extension Line Verification (Re-Issuance)	0.50 x original fee (Minimum \$500)	

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

	Highlands	Fee Amount	Fee Paid
<input type="checkbox"/>	Pre-application Meeting	\$500.00	
<input type="checkbox"/>	Resource Area Determination Boundary Delineation < one acre	\$500.00	
<input type="checkbox"/>	Resource Area Footprint of Disturbance	\$500 + (\$50 x # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Verification (> one acre)	\$750 + (\$100 x # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Extension	0.25 x original fee (Minimum \$250)	
<input type="checkbox"/>	HPAAGP 1/ Habitat Creation/Enhance	No Fee	No Fee
<input type="checkbox"/>	HPAAGP 2 Bank Stabilization	\$500.00	
<input type="checkbox"/>	Preservation Area Approval (PAA)		
<input type="checkbox"/>	PAA with Waiver (Specify type below)		
	Waiver Type:		
<input type="checkbox"/>	HPAA Extension	\$1,000	

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

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

	Flood Hazard Area Individual Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA - IP SFH and/or Accessory Structures	\$2,000	
<input type="checkbox"/>	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	

	Stormwater Review Fee (Maximum Fee = \$20,000)	Fee Amount (Round UP to the nearest whole number)	Fee Paid
<input type="checkbox"/>	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	

	Flood Hazard Area Verifications	Fee Amount	Fee Paid
<input type="checkbox"/>	Verification-Delineation of Riparian Zone Only	\$1,000	
<input type="checkbox"/>	Verification-Method 1 (DEP Delineation) *	\$1,000	
<input type="checkbox"/>	Verification-Method 2 (FEMA Tidal Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 3 (FEMA Fluvial Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 4 (FEMA Hydraulic Method)	\$4,000 + (\$400 x _____ per 100 linear feet)	
<input checked="" type="checkbox"/>	Verification-Method 5 (Approximation Method)	\$1,000	0
<input type="checkbox"/>	Verification-Method 6 (Calculation Method)	\$4,000+(\$400 x _____ per 100 linear feet)	

	Applicability Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Flood Hazard Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Highlands Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Executive Order 215	No Fee	No Fee

TOTAL FEE:	\$2,300.00
CHECK NUMBER:	

*Fee not applicable to (1) SFH

*Fee not applicable to (1) SFH

APPLICANT NAME: David and Stacey Hernandez

FILE # (if known): 1328-04-0003.1

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	N/A		N/A
CZMRA FORESTED (CZMRA IP - Only)	N/A	N/A	N/A
E & THABITAT Endangered and/or Threatened	N/A	N/A	N/A
FRESHWATER WETLANDS	N/A		N/A

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>
FILLED		<u>SOW</u>
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>
FILLED		<u>SOW</u>
EXCAVATED		
CLEARED		
TEMPORARY DISTURBANCE		

EXHIBIT B

PUBLIC NOTICE

FEDERAL EXPRESS RECEIPT FOR MUNICIPAL CLERK NOTICE
TRANSMITTAL LETTER TO MUNICIPAL CLERK
CERTIFIED LIST OF PROPERTY OWNERS WITHIN 200'
COPY OF NOTIFICATION LETTER AND PLAN
CERTIFIED MAIL RECEIPTS

VIA FEDERAL EXPRESS

December 18, 2020

Marlboro Township
1979 Township Drive
Marlboro, NJ 07746



Attn: Susan A. Branagan, Municipal Clerk

Subject: **Application for Letter of Interpretation and Flood Hazard Area Verification**
C1 Farms LLC, Applicant
4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, New Jersey

Dear Ms. Branagan:

This letter is to provide you with legal notification that an application for a Letter of Interpretation and Flood Hazard Verification is being submitted to the New Jersey Department of Environmental Protection, Division of Land Resource Protection. A complete copy of the application package is enclosed. Please keep the application package on file for public review.

Sincerely,
InSite Engineering, LLC

A handwritten signature in black ink, appearing to read 'Maeve Desmond'.

Maeve Desmond, PP, AICP

Attachments:
20-1384-01

InSite Engineering, LLC

1955 Route 34, Suite 1A • Wall, NJ 07719

732-531-7100 (ph) • 732-531-7344 (fx) • InSite@InSiteEng.net • www.InSiteEng.net

Licensed in NJ, PA, DE, NY, CT, MD, NC, DC, & CO



Shipment Receipt

Address Information

Ship to:

Susan Branagan
Township of Marlboro
1979 Township Drive

MARLBORO, NJ
07746
US
7325317100

Ship from:

InSite Engineering

1955 Route 34
Suite 1A
Wall Township, NJ
07719
US
7325317100

Shipment Information:

Tracking no.: 772420170949

Ship date: 12/18/2020

Estimated shipping charges: 22.30 USD

Package Information

Pricing option: FedEx Standard Rate

Service type: Priority Overnight

Package type: FedEx Envelope

Number of packages: 1

Total weight: 1 LBS

Declared Value: 0.00 USD

Special Services:

Pickup/Drop-off: Drop off package at FedEx location

Billing Information:

Bill transportation to: My Account - 410-410

Your reference: 20-1384-01

P.O. no.:

Invoice no.:

Department no.:

Thank you for shipping online with FedEx ShipManager at fedex.com.

Please Note

FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1000, e.g., jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits; Consult the applicable FedEx Service Guide for details. The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.

TOWNSHIP OF MARLBORO

1979 TOWNSHIP DRIVE
MARLBORO, NJ 07746-2299
assessor@marlboro-nj.gov

Tax Assessor
Renee Frotton, CTA

Telephone:
(732) 536-0200 Ext. 1803

Fax:
(732) 617-0394

July 22, 2020

Insite Engineering
1955 Route 34
Suite 1A
Wall, NJ 07719

Dear Mr. Hayes:

Attached please find the property list within 200 feet of

BLOCK 171 LOT 79

This list was prepared from the 2020 Tax List, Township of Marlboro according to the regulations of the Municipal Land Use Law and is certified as such. In addition, this is pursuant to the provisions of Chapter 245 P.L. 1991.

The applicant shall also give notice of any public hearing by personal service of certified mail to the corporate secretary of all public utilities and the general manager of all cable television companies that own land or any facility or that possess a right of way or easement within 200 feet in all directions of the property which is the subject of such hearings.

Sincerely,



Renee Frotton
Assessor

Encl: List of property owners to be notified.

Marlboro Township

Parcel Offset List

Target Parcel(s): Block-Lot: 171-79
STELLA ESTATES, L.L.C.
ARDSLEY PLACE

21 parcels fall within 205 feet of this parcel(s).

Block-Lot: 168-12

STATE OF NJ-DOT
ONE PENN PLAZA EAST
NEWARK, NJ 07105
RE: STATION ROAD

Block-Lot: 168-5

AVERY, JEAN ELLEN
PO BOX 272
WICKATUNK, NJ 07765
RE: 257 ROUTE 79

Block-Lot: 168-7

TOULIOS, COSTAS
249 ROUTE 79
MORGANVILLE, NJ 07751
RE: 249 ROUTE 79

Block-Lot: 168-8

SCIBOR, ANDREW
BOX 646
MATAWAN, NJ 07747
RE: 245 ROUTE 79

Block-Lot: 171-36.06

BUONOCORE, HARRY J. & ANNAMARIA
1 CARMEL COURT
MORGANVILLE, NJ 07751
RE: 1 CARMEL COURT

Block-Lot: 171-36.05

GILL, KASHMIR S. & RUPINDER K.
51 STATION ROAD
MORGANVILLE, NJ 07751
RE: 51 STATION ROAD

Block-Lot: 171-36.12

CHINTAPALLI, ANKINEEDU & MADHAVI
2 CARMEL COURT
MORGANVILLE, NJ 07751
RE: 2 CARMEL COURT

Block-Lot: 171-81

KAUFMAN, BENNETT & ELIZABETH TRUSTEES
10 ARDSLEY PLACE
MORGANVILLE, NJ 07751
RE: 10 ARDSLEY PLACE

Block-Lot: 171-103

FINEGOLD, YEVGENIY
68 DEVONSHIRE DRIVE
MORGANVILLE, NJ 07751
RE: 68 DEVONSHIRE DRIVE

Block-Lot: 171-78

ABUELLA, SAMER & EMAN
2 ARDSLEY PLACE
MORGANVILLE, NJ 07751
RE: 2 ARDSLEY PLACE

Block-Lot: 171-77

ADAMS, ALBERT W. JR. & LINDA A.
27 STATION ROAD
MORGANVILLE, NJ 07751
RE: 27 STATION ROAD

Block-Lot: 171-76

DOSHI, SAMIR & REENA
25 STATION ROAD
MORGANVILLE, NJ 07751
RE: 25 STATION ROAD

Block-Lot: 171-75
GHVINIASHVILI, GIORGI
21 STATION ROAD
MORGANVILLE, NJ 07751
RE: 21 STATION ROAD

Block-Lot: 171-80
NARDONE, VINCENT JR & ARGIRO, GLORIA
PO BOX 277
PITTSTOWN, NJ 08867
RE: 8 ARDSLEY PLACE

Block-Lot: 171-74
GLOWACKA, THOMAS E & BETTY ANN
124 TENNENT ROAD
MORGANVILLE, NJ 07751
RE: 17 STATION ROAD

Block-Lot: 171-73
JAIN, ANIL & RUPALI
9 STATION ROAD
MORGANVILLE, NJ 07751
RE: 9 STATION ROAD

Block-Lot: 171-71
TWP OF MARLBORO-MUN UTILITIES AUTH
1979 TOWNSHIP DRIVE
MARLBORO, NJ 07746
RE: 14 HARBOR ROAD

Block-Lot: 171-101
PALUMBO, JOSEPH & PATTI FAHN
69 DEVONSHIRE DRIVE
MORGANVILLE, NJ 07751
RE: 69 DEVONSHIRE DRIVE

Block-Lot: 171-102
MORGENSTERN, ALVIN H. & SHARON
70 DEVONSHIRE DRIVE
MORGANVILLE, NJ 07751
RE: 70 DEVONSHIRE DRIVE

Block-Lot: 171-72
TWP OF MARLBORO
1979 TOWNSHIP DRIVE
MARLBORO, NJ 07746
RE: STATION ROAD

Block-Lot: 171-80-QFARM
NARDONE, VINCENT JR & ARGIRO, GLORIA
PO BOX 277
PITTSTOWN, NJ 08867
RE: 8 ARDSLEY PLACE

FOR YOUR CONVENIENCE, LISTED BELOW ARE THE PUBLIC UTILITIES:

MONMOUTH COUNTY PLANNING BOARD
PO BOX 1255
FREEHOLD, NJ 07728

W.M.U.A.
103 PENSION ROAD
ENGLISHTOWN, NJ 07726
ATTENTION: KATHY LEATHERMAN

MARLBORO TOWNSHIP WATER UTILITY
1979 TOWNSHIP DRIVE
MARLBORO, NJ 07746

GORDONS CORNER WATER UTILITY
27 VANDERBURG ROAD
MARLBORO, NJ 07746

N.J. NATURAL GAS COMPANY
1415 WYCOFF ROAD
WALL, NJ 07719
ATTENTION: FRANK GRAF

CABLEVISION OF MONMOUTH
40 PINE STREET
TINTON FALLS, NJ 07753

VERIZON NEW JERSEY INC
789 WAYSIDE ROAD
NEPTUNE, NJ 07753

JERSEY CENTRAL POWER AND LIGHT COMPANY
101 CRAWFORD CORNER ROAD
HOLMDEL, NJ 07733

VIA CERTIFIED MAIL

December 17, 2020

Marlboro Township Construction Official
Marlboro Township Environmental Commission
Marlboro Township Planning Board
Monmouth County Planning Board
Property Owners within 200 feet of subject property

Subject: **Application for Letter of Interpretation and Flood Hazard Area Verification
C1 Farms LLC, Applicant
4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, New Jersey**

Dear Interested Party:

This letter is to provide you with legal notification that an application for a Letter of Interpretation and Flood Hazard Verification is being submitted to the New Jersey Department of Environmental Protection, Division of Land Resource Protection for the site shown on the enclosed plan. The Applicant is requesting verification of limits of wetlands, transition areas and flood hazard areas and confirmation of the limits of the riparian zone.

The complete 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. In addition, an electronic copy of the initial application can be provided via an OPRA request by contacting: <https://www.nj.gov/dep/opra/opraform.html>

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 45 calendar days of receiving this letter to:

New Jersey Department of Environmental Protection
Division of Land Resource Protection
P.O. Box 420, Code 501-02A
Trenton, New Jersey 08625
Attn: Marlboro Township Supervisor

Sincerely,

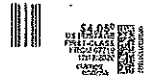
C1 Farms LLC, Applicant

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



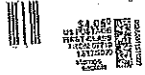
MARLBORO TWP PLANNING BOARD
1979 TOWNSHIP DRIVE
MARLBORO NJ 07746

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



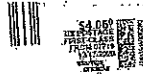
W.M.U.A. KATHY LEATHERMAN
103 PENSION ROAD
MARLBORO NJ 07726-8401

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



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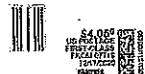
GORDON'S CORNER WATER UTILITY
27 VANDERBURG ROAD
MARLBORO NJ 07749-1418

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



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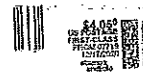
CABLEVISION OF MONMOUTH
49 PINE STREET
TINTON FALLS NJ 07753-7710

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



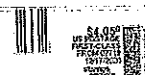
JERSEY CENTRAL POWER AND LIGHT COMPANY
101 Crawford's CORNER ROAD
HOLMDEL NJ 07733-1978

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



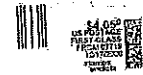
NARDONE, VINCENT & ARGIRO, GLORIA
PO BOX 277
PITTSBORO NJ 08567-0277

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



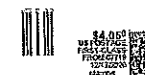
JAIN RESIDENCE
9 STATION ROAD
MORGANVILLE NJ 07751-1128

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



MORGENSTERN RESIDENCE
70 DEVONSHIRE DRIVE
MORGANVILLE NJ 07751-1152

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



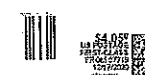
AVERY RESIDENCE
P.O. BOX 272
WICKATUNK NJ 07785-0272

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



SCIBOR RESIDENCE
P.O. BOX 646
MATAWAN NJ 07747-0646

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



GILL RESIDENCE
51 STATION ROAD
MORGANVILLE NJ 07751-1150

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



9407 1118 9516 4087 8928 18



KAUFMAN BENNETTS ELIZABETH TRUSTEES
16 ARDSLEY PLACE
MORGANVILLE NJ 07751-1103

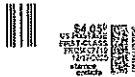
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8074 36

ABUELLA RESIDENCE
2 ARDSLEY PLACE
MORGANVILLE NJ 07751-1108



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

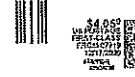
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8074 37

DOSHI RESIDENCE
25 STATION ROAD
MORGANVILLE NJ 07751-1128



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

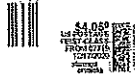
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8081 03

ADAMS RESIDENCE
27 STATION ROAD
MORGANVILLE NJ 07751-1128



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8082 52

FINEGOLD RESIDENCE
68 DEVONSHIRE DRIVE
MORGANVILLE NJ 07751-1152



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8108 26

CHINTAPALLI RESIDENCE
2 CARMEL COURT
MORGANVILLE NJ 07751-2623



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8108 28

BUONOCORE RESIDENCE
1 CARMEL COURT
MORGANVILLE NJ 07751-2624



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

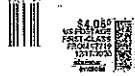
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8079 52

TOULIOS RESIDENCE
249 STATE ROUTE 79 N
MORGANVILLE NJ 07751-1157



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

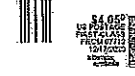
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8029 09

STATE OF NJ DOT
1 PENN PLAZA EAST
NEWARK NJ 07105-2245



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

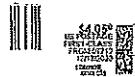
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 3358 4087 8542 60

PALUMBO, JOSEPH & PATTI FAHN
68 DEVONSHIRE DRIVE
MORGANVILLE NJ 07751-1153



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8140 03

GLOWACKA RESIDENCE
124 TENNENT ROAD
MORGANVILLE NJ 07751-1132



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6027 5118 8936 4087 8337 31

GIORGI GHVINASHVILI
21 STATION ROAD
MORGANVILLE NJ 07751-1128



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

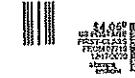
INSITE ENGINEERING LLC
1955 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

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VERIZON NEW JERSEY I
789 WAYSIDE ROAD
NEPTUNE NJ 07753-2735



US
PSN
FIRST CLASS
PERMIT NO. 1118
MORGANVILLE
NJ 07751
NOV 15 2018

INSITE ENGINEERING LLC
1855 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6427 1118 8556 4287 8123 21



FRANK GRAF
N.J. NATURAL GAS CO
P.O. Box 1464
WALL NJ 07719-1464



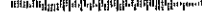
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UNITED STATES

INSITE ENGINEERING LLC
1855 ROUTE 34 SUITE 1A
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MARLBORO TOWNSHIP WATER UTILITY
1979 TOWNSHIP DRIVE
MARLBORO NJ 07746-2247



\$4.05
FIRST CLASS
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WALL NJ 07719
NO POSTAGE
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IN THE
UNITED STATES

INSITE ENGINEERING LLC
1855 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

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MONMOUTH COUNTY PLANNING BOARD
PO BOX 1255
FREEHOLD NJ 07728-1255



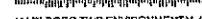
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UNITED STATES

INSITE ENGINEERING LLC
1855 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6427 1118 8316 4287 8123 89



MARLBORO TWP ENVIRONMENTAL COMMISSION
1979 TOWNSHIP DRIVE
MARLBORO NJ 07746-2247



\$4.05
FIRST CLASS
PERMIT NO. 218
WALL NJ 07719
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

INSITE ENGINEERING LLC
1855 ROUTE 34 SUITE 1A
WALL TWP NJ 07719

CERTIFIED MAIL



6427 1118 8556 4287 8123 95



MARLBORO TWP CONSTRUCTION OFFICIAL
1979 TOWNSHIP DRIVE
MARLBORO NJ 07746-2247



\$4.05
FIRST CLASS
PERMIT NO. 218
WALL NJ 07719
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

EXHIBIT C

ENGINEERING REPORT

ENGINEERING REPORT

FEMA MAP

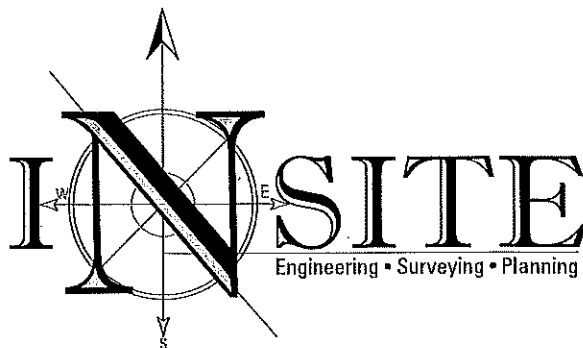
USGS TOPOGRAPHIC QUADRANGLE

MUNICIPAL TAX MAP

SOILS MAP

ROAD MAP

NATURAL HERITAGE PROGRAM LETTER



Engineering Report (per NJAC 7:13-18.5)

INTRODUCTION

This Engineering Report has been prepared in support of an application to the New Jersey Department of Environmental Protection (NJDEP) for Flood Hazard Area (FHA) Verification. The subject property is known as:

Block 171, Lot 79
4-6 Ardsley Place
Borough of Marlboro, NJ
Monmouth County

SITE SUMMARY

According to FEMA's FIRM entitled "FIRM – Flood Insurance Rate Map, Monmouth County, New Jersey (All Jurisdictions)," community panel number 34025C0135F, dated 09/25/09, the site is not located in a flood zone. There is no preliminary data for this area. The FEMA Map references the NAVD88 Vertical Datum.

The subject property contains a riparian zone, as well as freshwater wetlands and associated transition areas observed on site. The proposed development will not result in any soil disturbance within the riparian zone, freshwater wetlands or associated transition areas.

COMPLIANCE

Based on the project specifics, the flood hazard area was determined by the approximation method, or Method 5, as outlined in NJAC 7:13-3.5. In order to indicate compliance, below are our responses to each section of the regulations applicable to Method 5, including the Engineering Report requirements listed in NJAC 7:13-18.5. Each section of the regulations and our responses are numbered below in accordance with the regulations. Italicized text is taken from the regulations for ease of reference; non-italicized text represents our responses.

7:13-3.5 Flood hazard area determined by approximation (Method 5)

(a) This section sets forth the procedure for approximating a flood hazard area design flood elevation using the method described in chapter Appendix 1. This method does not provide a floodway limit. Therefore, the Department shall issue an authorization under a general

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permit or an individual permit for a regulated activity within an approximated flood hazard area only if the project meets the requirements at (f) below.

No Department delineation exists for this project; therefore, the approximation method shall be used to determine the Flood Hazard Area.

(b) The flood hazard area design flood elevation for a regulated water can be approximated under Method 5, provided the following requirements are satisfied:

- 1. Method 1 (Department delineation method) set forth in N.J.A.C. 7:13-3.3 cannot be used because no Department delineation exists for the section of regulated water in question;*

There is no existing Department delineation for the section of regulated water in question.

- 2. Methods 2 through 4 (FEMA fluvial, FEMA tidal, and FEMA hydraulic methods) set forth at N.J.A.C. 7:13-3.4 cannot be used because no qualifying FEMA flood mapping exists for the section of regulated water in question; and*

The site lies outside of the limit of detailed study as indicated on the Flood Insurance Rate Map #34025C0135F.

- 3. The drainage area of the water at the project site does not exceed 30 square miles.*

The drainage area of the water at the site does not exceed 30 square miles.

(c) An applicant may elect to establish the approximate flood hazard area limit at an elevation higher than that which is provided by Method 5 in order to match an existing topographic feature onsite, such as the top of an embankment, or to run concurrent with a verified freshwater wetland or transition area line.

The applicant will use the existing topographic features onsite to establish a flood hazard area limit at an elevation higher than that which is provided by Method 5.

(d) Method 5 is intended to be conservative and may in some cases overestimate the actual limits of flooding onsite to ensure that public health, safety and welfare is adequately protected in absence of a Department delineation or FEMA flood insurance study.

The applicant understands that Method 5 is intended to be a conservative estimate of the actual limits of flooding and that this method is used to ensure public health, safety and welfare is protected.

(e) If the Department determines that using Method 5 to approximate a flood hazard area will significantly underestimate the depth of flooding on a particular side due to an unusual hydrologic or hydraulic condition within the drainage area, or due to a unique feature on or

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near the site, the Department shall not approve a general permit authorization or an individual permit for any regulated activity in the approximated flood hazard area if such approval is determined to constitute a threat to public safety. Should the applicant choose to apply for a permit in such a case, the flood hazard area limit shall first be calculated according to Method 6, as described at N.J.A.C. 7:13-3.6.

The applicant is not applying for a general or individual permit at this time.

(f) The Department shall issue an authorization under a general permit or an individual permit for a regulated activity in a flood hazard area approximated under Method 5 only if the flood hazard area is verified under N.J.A.C. 7:13-5 and the Department determines, based on a visual inspection of submitted site plans and without a review of calculations, that one of the following requirements is satisfied:

i Any proposed fill and/or aboveground structure is located outside a floodway; and

The applicant is not applying for an individual permit at this time.

ii The flood storage displacement requirements of N.J.A.C. 7:13-11.4 are satisfied.

The applicant is not applying for an individual permit at this time

7:13-18.5 Engineering report

(a) In addition to the requirements at N.J.A.C. 7:13-18.2 and 18.4, an application for a verification based on Methods 4, 5, or 6, pursuant to N.J.A.C. 7:13-3.4(f), 3.5, and 3.6, respectively, or for an individual permit shall include an engineering report. The engineering report shall include:

1 The signature and seal of an engineer;

The signature and seal of the Professional Engineer in responsible charge of preparing this report can be found at the end of the report.

2 The name, address and telephone number of the engineer, as well as any other person designated by the engineer to answer questions about the report;

This information can be found at the end of the report along with the Professional Engineer's signature and seal.

3 All supporting hydrologic, hydraulic, flood storage volume, stormwater and structural calculations, which are necessary to demonstrate that the proposed application meets the requirements of this chapter;

This Engineering Report was prepared to support an application to the Department for verification of the flood hazard area. The calculations to support the determination of the

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flood hazard area using the Approximation Method are included in this report. However, no regulated activities are proposed.

- 4 *A narrative that explains the submitted calculations and describes why each particular calculation or methodology was used;*

The calculations for the Approximation Method are included in this report.

- 5 *All maps, references and other supporting materials that were used to prepare the submitted calculations;*

Please refer to the Approximation Method Calculations included at the end of this Engineering Report.

- 6 *For an application for a verification, all flood maps, drainage area maps, and other material used to determine the flood hazard area and/or floodway limits;*

Please refer to the Approximation Method Calculations included at the end of this Engineering Report.

- 7 *For an application for an individual permit, the total area of impervious surface proposed and the total land area that will be disturbed; and*

The applicant is not applying for an individual permit at this time.

- 8 *For an application for an individual permit for which the Department is reviewing a stormwater management plan pursuant to N.J.A.C. 7:13-12.2, the following information where applicable:*

- i An explanation of how nonstructural stormwater management strategies have been maximized on site, as required at N.J.A.C. 7:8-5.4(a)2;*
- ii A demonstration of how the regulated activity and/or project meets the groundwater recharge standards at N.J.A.C. 7:8-5.4(a)3; and*
- iii An explanation of how the regulated activity and/or project meets the water quality standards at N.J.A.C. 7:8-5.5.; and*

The applicant is not applying for an individual permit at this time.

- 9 *For an application for an individual permit for a project located in the Central Passaic Basin that relies on fill credits, as described at N.J.A.C. 7:13-11.4(s) and (t), documentation that the fill credits have been purchased by the applicant prior to the submittal of the application.*

The applicant is not applying for an individual permit at this time.

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APPROXIMATION METHOD CALCULATIONS

The subject property is located within Watershed Management Area 9 (Lower Raritan, South River, and Lawrence). The contributory drainage area (CDA) of the water in question is approximately 0.37 square miles. Based on Table 1 in Appendix 1 of N.J.A.C. 7:13, the flood depth is 9 feet. The average streambed elevation was established by identifying the elevation at 200' intervals from Ardsley Place along the site. Below is a list of the streambed elevations and the approximate flood elevation at each interval:

➤ Streambed El. 98.50	FHA El. 107.50
➤ Streambed El. 98.90	FHA El. 107.90
➤ Streambed El. 99.30	FHA El. 108.03
➤ Streambed El. 100.25	FHA El. 109.25
➤ Streambed El. 101.25	FHA El. 110.25
➤ Streambed El. 102.00	FHA El. 111.00
➤ Streambed El. 103.25	FHA El. 112.25
➤ Streambed El. 105.25	FHA El. 114.25
➤ Streambed El. 106.50	FHA El. 115.50

Please refer to the Verification plan for more elevation information and an approximate location of the flood hazard area limits

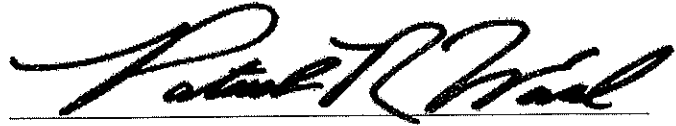
There are two (2) stream crossings within one mile downstream of the subject property, Crine Road and Tennent Road. Based upon Monmouth County GIS topography data, the elevations of the roadways at the crossings are elevation 83.0 for Crine Road and elevation 77.0 for Tennent Road. Per Table 2 in Appendix 1 of N.J.A.C. 7:13, the depth of flood over roadway is 1.5 feet for both crossings. Therefore, the flood elevation is 84.5 for Crine Road and 78.5 for Tennent Road. The elevations are far below the approximated flood depth based on Table 1 detailed above.

Based on the Verification Plan, the 9-foot flood depth is contained entirely within the slope area of the north side of the property, and no development is proposed within or near the approximated flood hazard limits.

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"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."

This report has been prepared by:

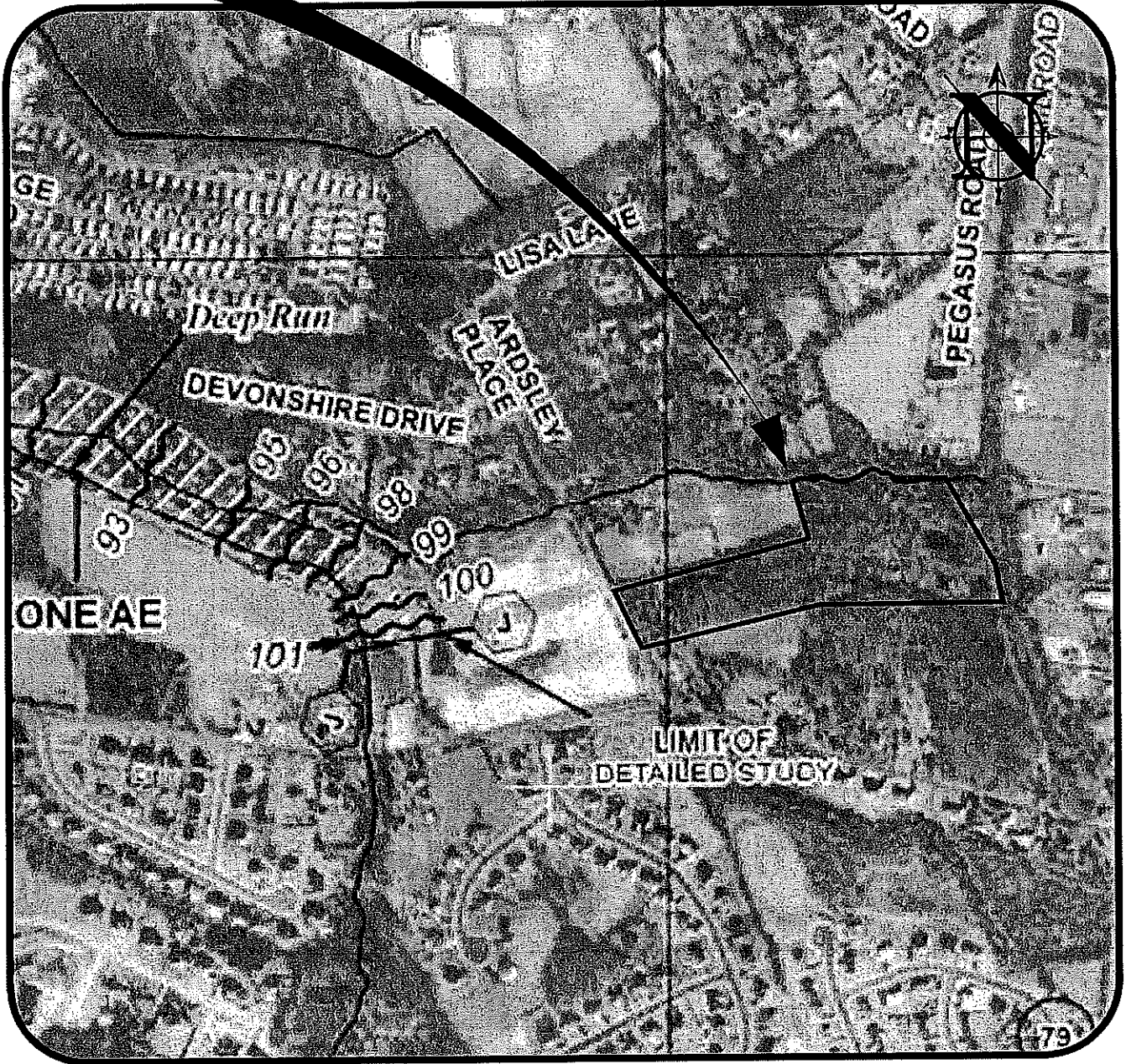


Patrick R. Ward, PE, PP
NJPE 50790 - NJPP 6268
InSite Engineering, LLC
1955 Route 34, Suite 1A
Wall, NJ 07719
(732) 531-7100

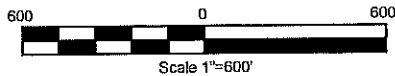
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SITE



PLAN



**EFFECTIVE FLOOD INSURANCE RATE
MAP EXHIBIT**



InSite Engineering, LLC
 CERTIFICATE OF AUTHORIZATION:
 24GA28083200
 1955 ROUTE 34, SUITE 1A
 WALL, NJ 07719
 732-531-7100 (Ph)
 732-531-7344 (Fax)
 InSite@InSiteEng.net www.InSiteEng.net

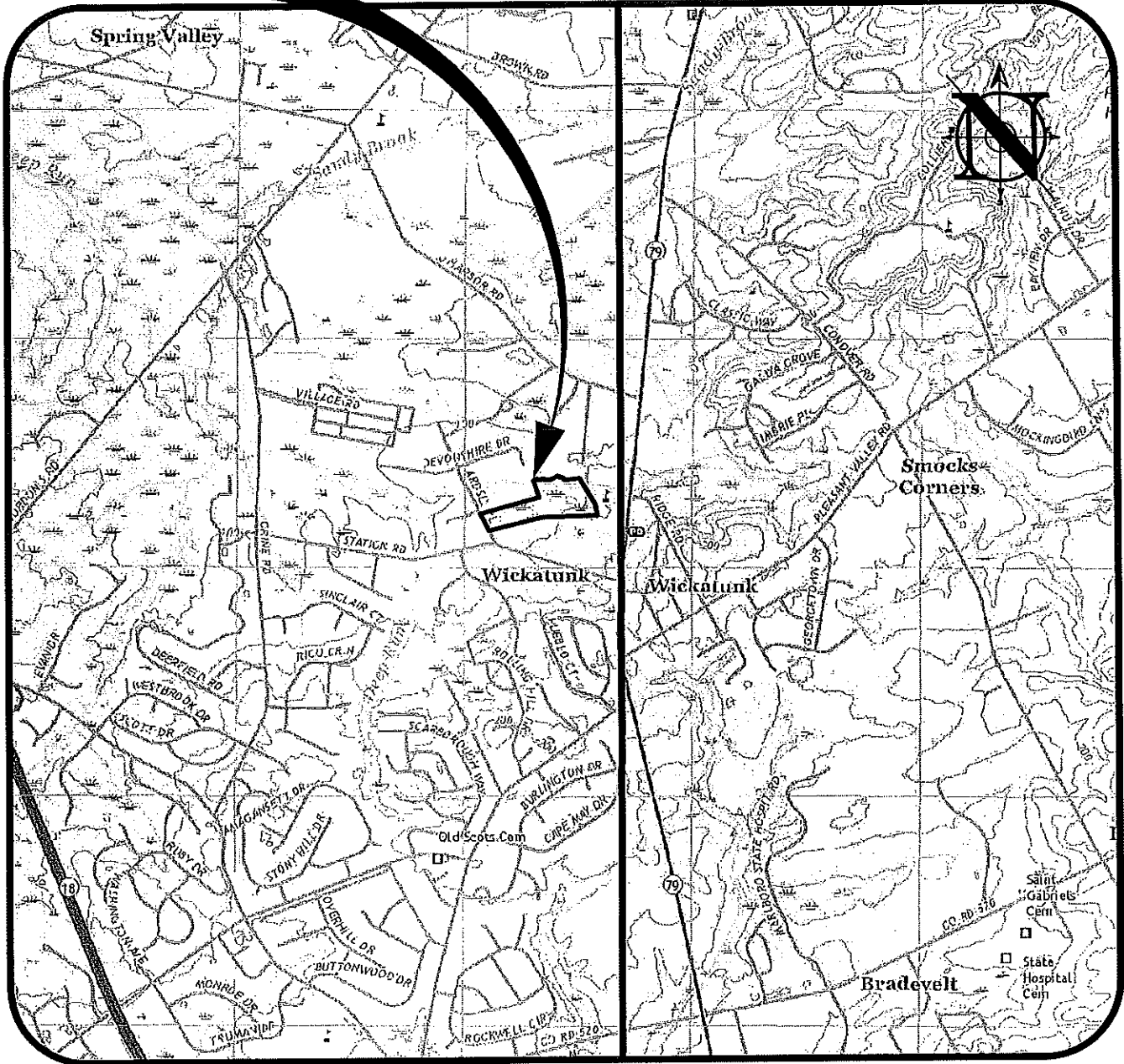
Site Location:
 4-6 ARDSLEY PLACE
 TOWNSHIP OF MARLBORO
 MONMOUTH COUNTY, NJ
 BLOCK:111 LOT: 79

Reference:
 NATIONAL FLOOD INSURANCE PROGRAM
 FLOOD INSURANCE RATE MAP
 PANEL 135 OF 457
 MAP NUMBER 34025C0135F

InSite Project No.
 20-1384-01
 Drawing No.
 20-1384-01r0
 Date
 October 22, 2020

Revisions

SITE



PLAN

2,000 0 2,000



Scale 1"=2,000'

USGS MAP EXHIBIT



InSite Engineering, LLC
 CERTIFICATE OF AUTHORIZATION:
 24GA28083200
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 WALL, NJ 07719
 732-531-7100 (Ph)
 732-531-7344 (Fax)
 InSite@InSiteEng.net www.InSiteEng.net

Site Location:
 4-6 ARDSLEY PLACE
 TOWNSHIP OF MARLBORO
 MONMOUTH COUNTY, NJ
 BLOCK:171 LOT: 79

Reference:
 USGS- N.J. Freehold Quadrangle

InSite Project No.
 20-1384-01
 Drawing No.
 20-1384-010
 Date
 October 22, 2020

Revisions

SITE



SHEET 43

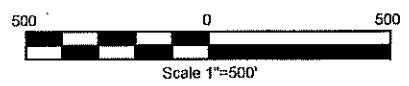


* THIS SHEET HAS BEEN DRAWN USING COMPUTER AIDED DRAFTING/DESCH (CAD/D) AND COORDINATE GEOMETRY (CCGO).

THIS MAP HAS BEEN GIVEN A FORMAL CERTIFICATION BY THE

TAX MAP TOWNSHIP OF MARLBORO

PLAN



TAX MAP EXHIBIT



InSite Engineering, LLC
CERTIFICATE OF AUTHORIZATION:
24GA28083200
1955 ROUTE 34, SUITE 1A
WALL, NJ 07719
732-531-7100 (Ph)
732-531-7344 (Fax)
InSite@InSiteEng.net www.InSiteEng.net

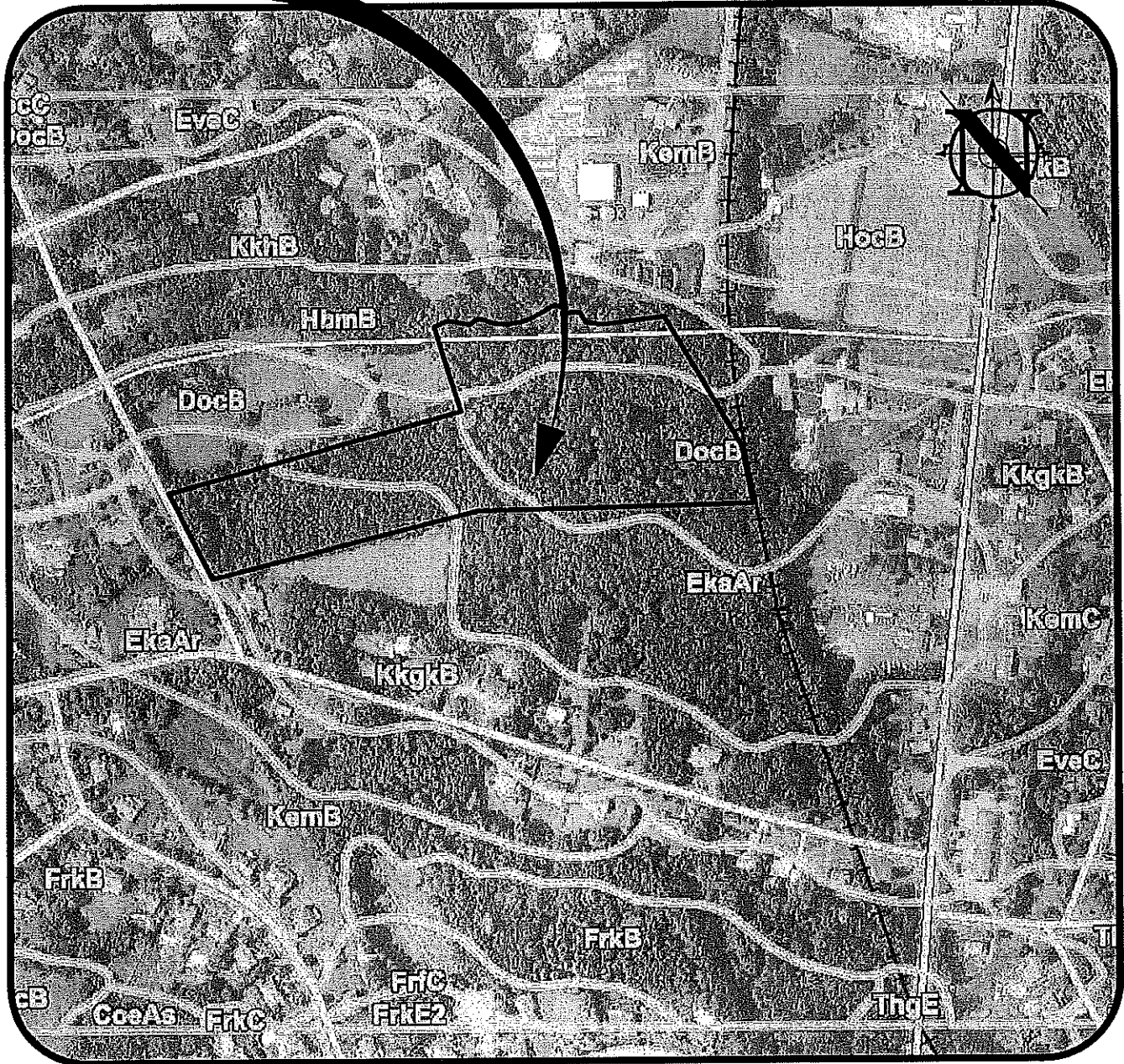
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4-6 ARDSLEY PLACE
TOWNSHIP OF MARLBORO
MONMOUTH COUNTY, NJ
BLOCK: 171 LOT: 79

InSite Project No.
20-1384-01
Drawing No.
20-1384-01r0
Date
October 22, 2020

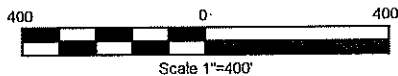
Reference:
Township of Marlboro Tax Map
Page: 44

Revisions

SITE



PLAN



LEGEND

DocB — Downer loamy sand, 0 to 5 percent slopes

SOIL MAP EXHIBIT



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 1955 ROUTE 34, SUITE 1A
 WALL, NJ 07719
 732-531-7100 (PH)
 732-531-7344 (FAX)
 InSite@InSiteEng.net www.InSiteEng.net

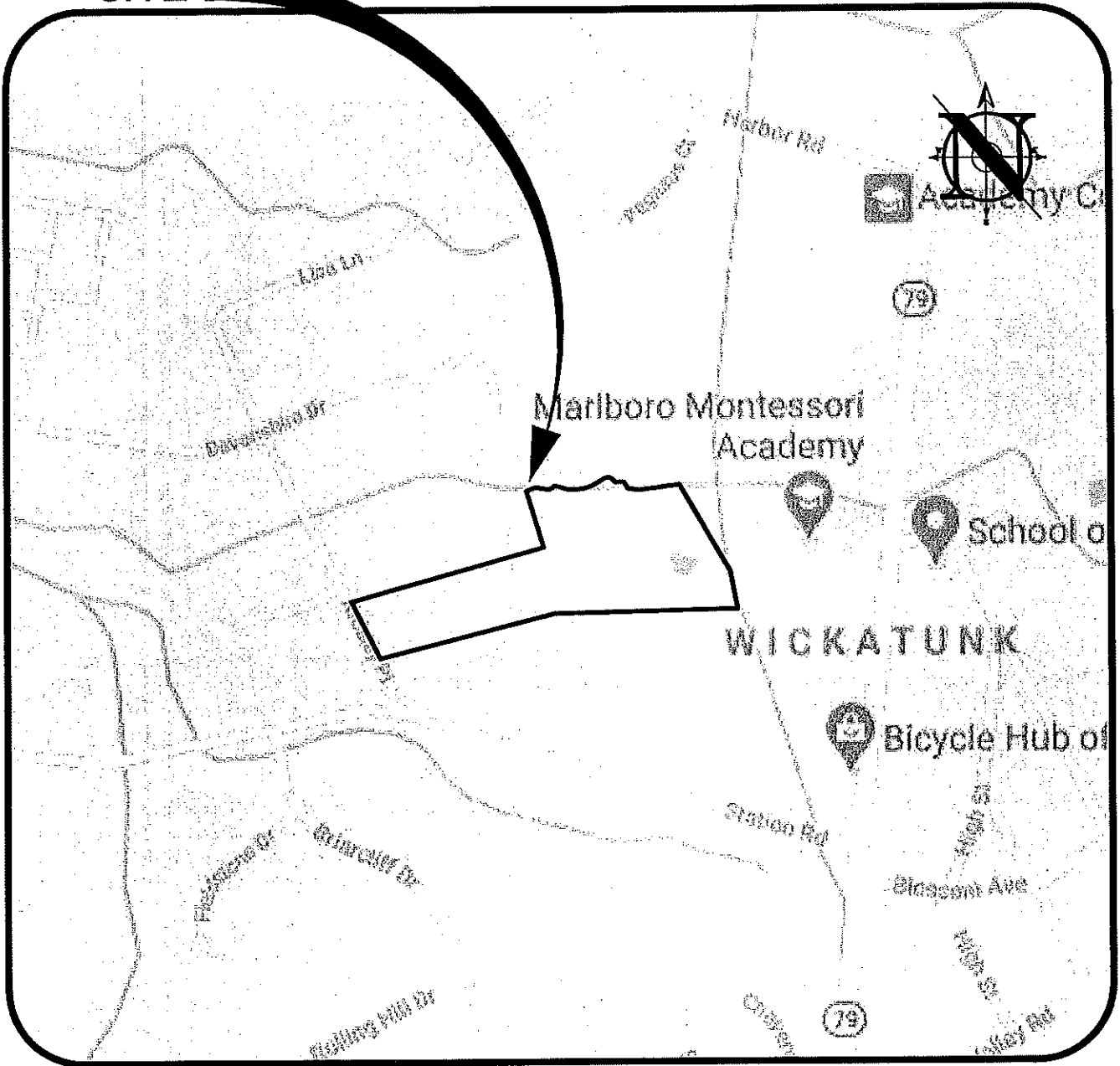
Site Location:
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 TOWNSHIP OF MARLBORO
 MONMOUTH COUNTY, NJ
 BLOCK: 171 LOT: 75

Reference:
 USDA Web Soil Survey

InSite Project No.
 20-1384-01
Drawing No.
 20-1384-0170
Date
 October 22, 2020

Revisions

SITE



PLAN



ROAD MAP EXHIBIT



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 WALL, NJ 07719
 732-531-7100 (PH)
 732-531-7344 (FAX)
 InSite@InSiteEng.net www.InSiteEng.net

Site Location:
 4-6 ARDSLEY PLACE
 TOWNSHIP OF MARLBORO
 MONMOUTH COUNTY, NJ
 BLOCK: 171 LOT: 79

Reference:
 Google Maps- 2020

InSite Project No.
 20-1384-01
Drawing No.
 20-1384-01r0
Date
 October 22, 2020

Revisions



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

July 22, 2020

Kevin Hayes
InSite Engineering, LLC
1955 Route 34, Suite 1A
Wall, NJ 07719

Re: Ardsley Place
Block(s) - 171, Lot(s) - 79
Marlboro Township, Monmouth County

Dear Mr. Hayes:

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. 20-4007433-19543

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.

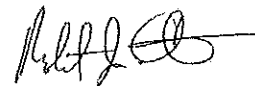
Beginning May 9, 2017, the Natural Heritage Program reports for wildlife species will utilize data from Landscape Project Version 3.3. If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive web application at the 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. 20-4007433-19543

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	No	0 pages 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	Yes	1 page(s) included

**Other Animal Species
 On the Project Site Based on
 Additional Species Tracked by
 Endangered and Nongame Species Program**

Scientific Name	Common Name	Federal Protection Status	State Protection Status	Grank	Strank
<i>Invertebrate Animals</i>					
Aparnae aparniformis	A Noctuid Moth			G4	S2S4
Total number of records:				1	

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 Databases: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	Yes	1 page(s) 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	Yes	1 page(s) included

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

Scientific Name	Common Name	Federal Protection Status	State Protection Status	Regional Status	Grank	Srank	Identified	Last Observed	Location
<i>Juncus greenel</i>	Greene's Rush			HL	G5	S2	Y	1958-07-10	Along the N. J. Central RR, 1 mile north of Wickahunk.
Total number of records:								1	

Vascular Plants

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	Strank
Aves	Eastern Meadowlark	Sturnella magna	Breeding Sighting	2	NA	Special Concern	G5	S3B,S3N
	Red-headed Woodpecker	Melanerpes erythrocephalus	Breeding Sighting	3	NA	State Threatened	G5	S2B,S2N

Other Animal Species
In the Immediate Vicinity of the Project Site Based on
Additional Species Tracked by
Endangered and Nongame Species Program

Scientific Name	Common Name	Federal Protection Status	State Protection Status	Grank	Strank
<i>Invertebrate Animals</i>					
<i>Apanteles apantiformis</i>	A Noctuid Moth			G4	S2S4
Total number of records:		1			

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	Yes	1 page(s) 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	Srank
Aves	Barred Owl	<i>Strix varia</i>	Breeding Sighting	3	NA	State Threatened	G5	S2B,S2N
	Eastern Meadowlark	<i>Sturnella magna</i>	Breeding Sighting	2	NA	Special Concern	G5	S3B,S3N
	Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Breeding Sighting	3	NA	State Threatened	G5	S2B,S2N
	Wood Thrush	<i>Hylocichla mustelina</i>	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
Vernal habitat area	2853
Potential vernal habitat area	1650
Total number of records:	2

**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**

Scientific Name	Common Name	Federal Protection Status	State Protection Status	Grank	Srank
<i>Invertebrate Animals</i>					
<i>Aparanea aparainformis</i>	A Noctuid Moth			G4	S2S4
Total number of records: 1					

EXHIBIT D

WETLANDS DELINEATION INFORMATION
DATA SHEETS
QUALIFICATIONS OF WETLANDS DELINEATOR

Wetlands Delineation Data Sheet

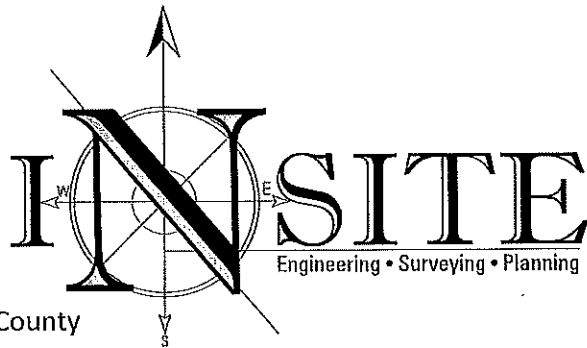
Data Point #: 1

Determination: Wetland

Date: May 22, 2020

Site Location: Block 171, Lot 9

Marlboro Township, Monmouth County



Soils

Depth	Color	Texture	Redox features
0-2	10YR 2/1	Silt loam	None
2-18	10YR 4/1	Loamy sand	Many, medium, distinct 10YR 3/6 mottles
18+	10YR 6/2	Loamy sand, saturated	Many, coarse, distinct 10YR 5/8 mottles

Vegetation

Stratum	Common name	Wetlands Indicator Status	% Cover
Canopy	Sweetgum	FAC	50
	Red maple	FAC	50
Shrub/understory	Sweetgum	FAC	50
	Red maple	FAC	50
Herbaceous	Cinnamon fern	FACW	30
	Hay scented fern	UPL	30
	Sensitive fern	FACW	30
	Japanese stilt grass	FAC	10

Hydrology

- Redox features

InSite Engineering, LLC

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Wetlands Delineation Data Sheet

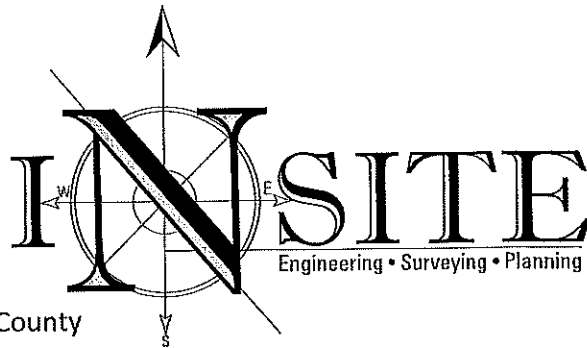
Data Point #: 2

Determination: Upland

Date: May 22, 2020

Site Location: Block 171, Lot 9

Marlboro Township, Monmouth County



Soils

Depth	Color	Texture	Redox features
0-9	10YR 4/4	Loamy sand	None
9-18+	10YR 4/6	Loamy sand	None

Vegetation

Stratum	Common name	Wetlands Indicator Status	% Cover
Canopy	Sweetgum	FAC	25
	Red maple	FAC	25
	Black cherry	FACU	25
	Sassafras	FACU	25
Shrub/understory	Sweetgum	FAC	75
	Red maple	FAC	25
Herbaceous	Garlic mustard	FACU	30
	Chickweed	FACU	30
	Japanese stilt grass	FAC	10

Hydrology

- None

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Wetlands Delineation Data Sheet

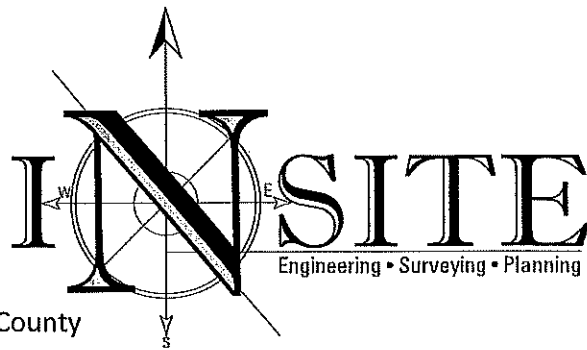
Data Point #: 3

Determination: Wetland

Date: May 22, 2020

Site Location: Block 171, Lot 9

Marlboro Township, Monmouth County



Soils

Depth	Color	Texture	Redox features
0-1	10YR 2/1	loam	None
1-10	2.5Y 4/2	Loamy sand	Many, medium, distinct 10YR 4/6 mottles
10-18+	10YR 5/2	Loamy sand, saturated	

Vegetation

Stratum	Common name	Wetlands Indicator Status	% Cover
Canopy	Red maple	FAC	100
Shrub/understory	Sweetgum	FAC	60
	Spicebush	FACW	40
Herbaceous	Japanese honeysuckle	FACU	25
	Japanese stilt grass	FAC	25

Hydrology

- Redox features

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Wetlands Delineation Data Sheet

Data Point #: 4

Determination: Upland

Date: May 22, 2020

Site Location: Block 171, Lot 9

Marlboro Township, Monmouth County



Soils

Depth	Color	Texture	Redox features
0-2	10YR 3/3	Sandy loam	None
2-15	2.5Y 4/4	Sandy loam	None
15-18+	2.5Y 4/4	Sandy loam	Common, medium, faint 2.5Y 5/2 and common, medium, faint 2.5Y 5/6 mottles

Vegetation

Stratum	Common name	Wetlands Indicator Status	% Cover
Canopy	Black locust	FACU	50
	Red maple	FAC	25
	Black gum	FAC	25
Shrub/understory	Sweetgum	FAC	45
	Shagbark hickory	FACU	10
	Spicebush	FACW	45

Hydrology

- None

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MAEVE E. DESMOND, AICP, PP

SENIOR PROJECT MANAGER

PROFESSIONAL BACKGROUND

Maeve E. Desmond, PP, AICP, is an experienced land development consultant and has been practicing in the field since 2001. Ms. Desmond has successfully navigated a great number of commercial, industrial, marine, residential, utility, and public development projects through the New Jersey Department of Environmental Protection (NJDEP) regulatory approval process and secured numerous freshwater wetlands, flood hazard area, CAFRA, and waterfront development permits. Ms. Desmond also gained valuable experience in the entitlement and construction processes by working as an urban planner in South Florida representing developers and providing land use due diligence services and processing site plans and other entitlement applications with local governments. A dedicated problem solver and creative thinker, Ms. Desmond is committed to providing clients with outstanding service by working hard to understand their goals and outlining a path to achieve them.

EXPERIENCE

Ms. Desmond leads the Environmental Department at InSite Engineering, providing land use environmental consulting services to private and public sector clients. Ms. Desmond is responsible for initial field investigations, wetlands delineations, consultation with design teams, and oversight and submittal of permit applications to regulatory agencies that primarily include the NJDEP, New Jersey Pinelands Commission, and the U.S. Army Corps of Engineers. Representative projects include:

- **Woodbine Landfill Redevelopment, New Jersey Pinelands, Woodbine, NJ:** Conducted and oversaw wetlands delineation on an approximately 115-acre former landfill site in the New Jersey Pinelands as part of a planned redevelopment project.
- **Taunton Lake Road Widening, New Jersey Pinelands, Evesham, NJ:** Conducted field investigation and delineated extensive wetlands adjacent to an approximately one-mile segment of Taunton Lake Road proposed for right of way widening. Prepared and submitted a Freshwater Wetlands Individual Permit application to NJDEP.
- **River Road Trail, Burlington, NJ:** Conducted field investigation for wetlands and environmental constraints for a section of proposed River Road right-of-way widening along the Delaware River to accommodate a multi-purpose trail and new stormwater management measures. Secured approval of an Upland Waterfront Development Permit and Freshwater Wetlands General Permit from NJDEP and Nationwide Permit from the U.S. Army Corps of Engineers for the project.
- **Reconstruction of Repaupo Creek Levee, Logan and Greenwich, NJ:** Conducted field investigation and delineated extensive wetlands adjacent to an existing linear park located on a Delaware River

levee. Worked with the design team to secure environmental permits from the NJDEP and U.S. Army Corps of Engineers to raise the levee and maintain the linear park for public use.

- **PSE&G Kearny Peaking Project, Kearny, NJ:** Conducted field investigation at the proposed site of a natural gas peaking plant located adjacent to a tidal portion of the Hackensack River. Prepared and filed applications for approvals with regulatory agencies and secured an Upland Waterfront Development Permit and Freshwater Wetlands Permit from NJDEP.
- **New Jersey American Water Company, Raritan River Marsh Main, Sayreville, NJ:** Conducted field investigation and delineated wetlands in the vicinity of proposed jacking pits for a watermain to be directionally drilled under a tidal portion of the Raritan River. Secured a Waterfront Development and Freshwater Wetlands General Permit from NJDEP and US Army Corps of Engineers permit for the project.

EDUCATION

University of Delaware, Bachelor of Science in Plant and Soil Sciences

Edward J. Bloustein School of Planning and Public Policy at Rutgers University,
Master's Degree in City and Regional Planning

PROFESSIONAL LICENSES/CERTIFICATIONS

New Jersey Professional Planner, License No. 33LI00618500

American Institute of Certified Planners (AICP)

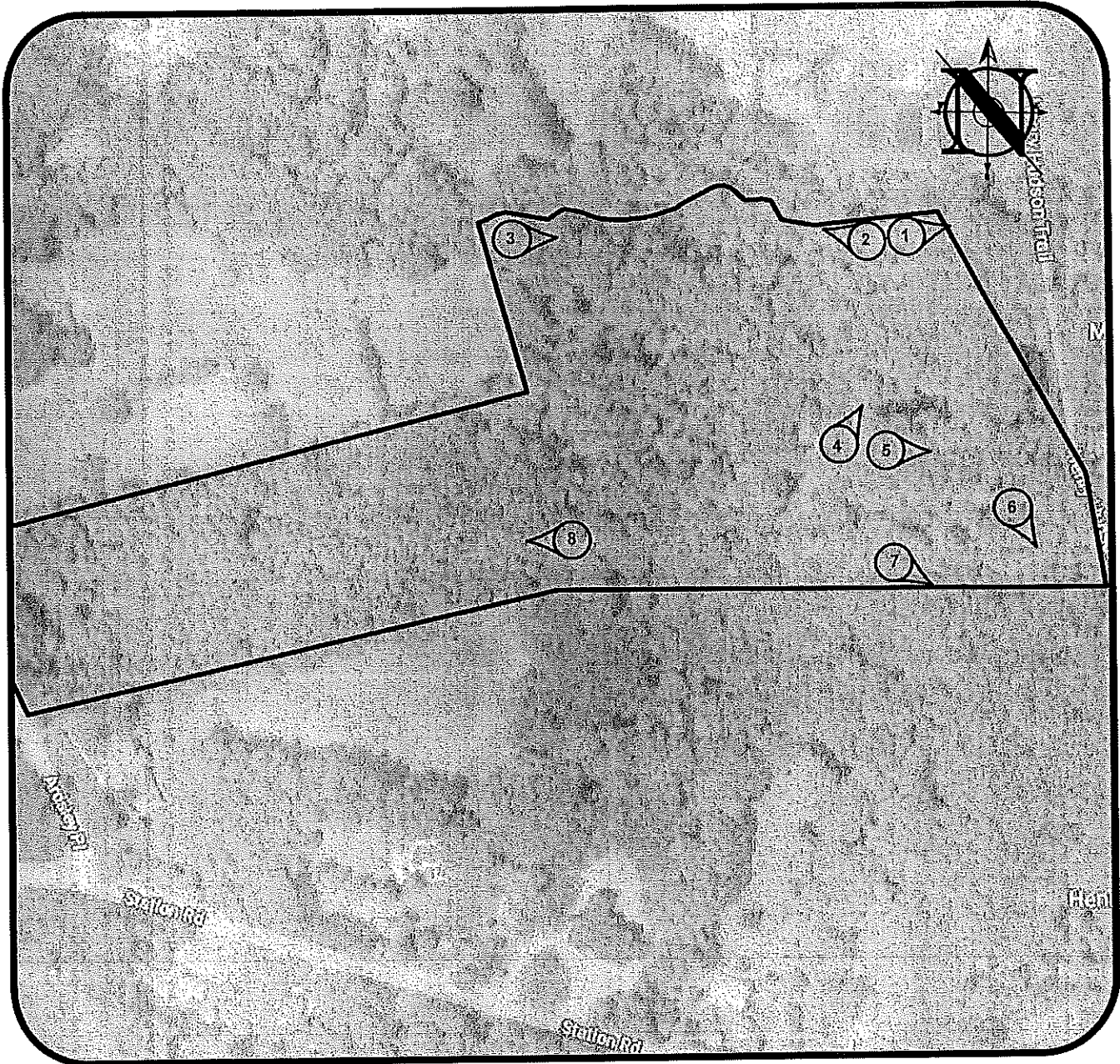
PROFESSIONAL AFFILIATIONS

American Planning Association, New Jersey Chapter

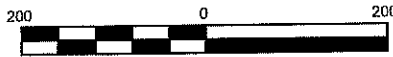
New Jersey Builders Association

EXHIBIT E

PHOTOGRAPHS AND PHOTO LOCATION MAP



PLAN



Scale 1"=200'

= PHOTO LOCATION

PHOTO LOCATION MAP EXHIBIT



InSite Engineering, LLC
 CERTIFICATE OF AUTHORIZATION:
 24GA28083200
 1955 ROUTE 34, SUITE 1A
 WALL, NJ 07719
 732-531-7100 (Ph)
 732-531-7344 (Fax)
 InSite@InSiteEng.net www.InSiteEng.net

Site Location:
 4-6 ARDSLEY PLACE
 TOWNSHIP OF MARLBORO
 MONMOUTH COUNTY, NJ
 BLOCK: 171 LOT: 79

InSite Project No.
 20-1384-01
Drawing No.
 20-1384-01r0
Date
 October 22, 2020

Reference:
 Google Maps- 2020

Revisions

4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, NJ



PHOTO 1: View of Deep Run, looking east.



PHOTO 2: View of Deep Run, looking west.

4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, NJ



PHOTO 3: View of Deep Run, looking east.

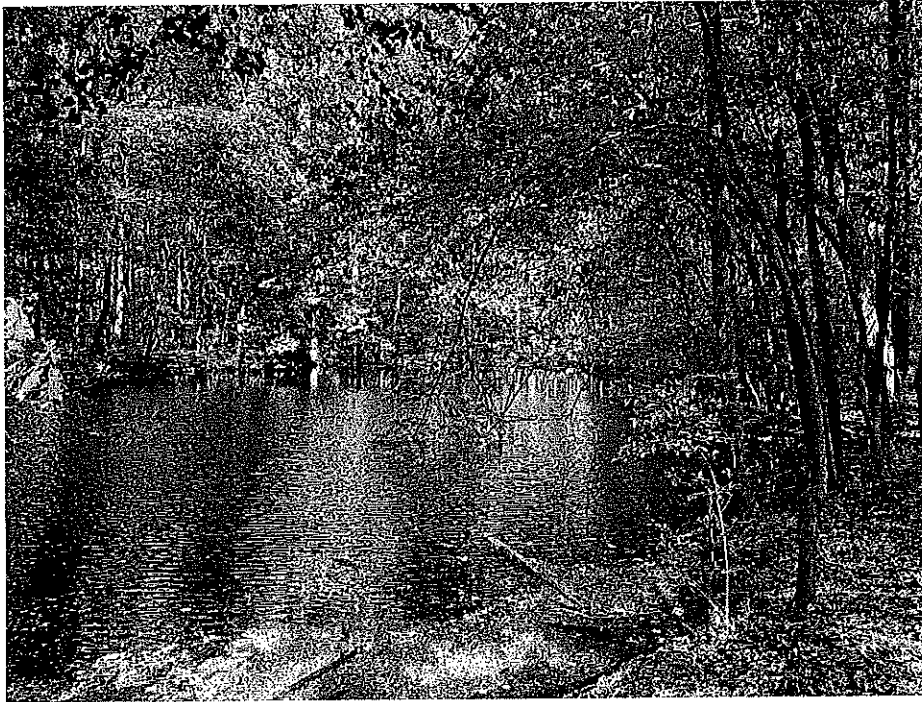


PHOTO 4: View of pond at eastern portion of site. View is looking east.

4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, NJ



PHOTO 5: View of wetlands adjacent to a portion of the pond.



PHOTO 6: View of isolated wetlands area "B".

4-6 Ardsley Place
Block 171, Lot 79
Marlboro Township, Monmouth County, NJ



PHOTO 7: View of wetlands near the southern property line



PHOTO 8: View of forested uplands, view looking west from central portion of site towards Ardsley Place.

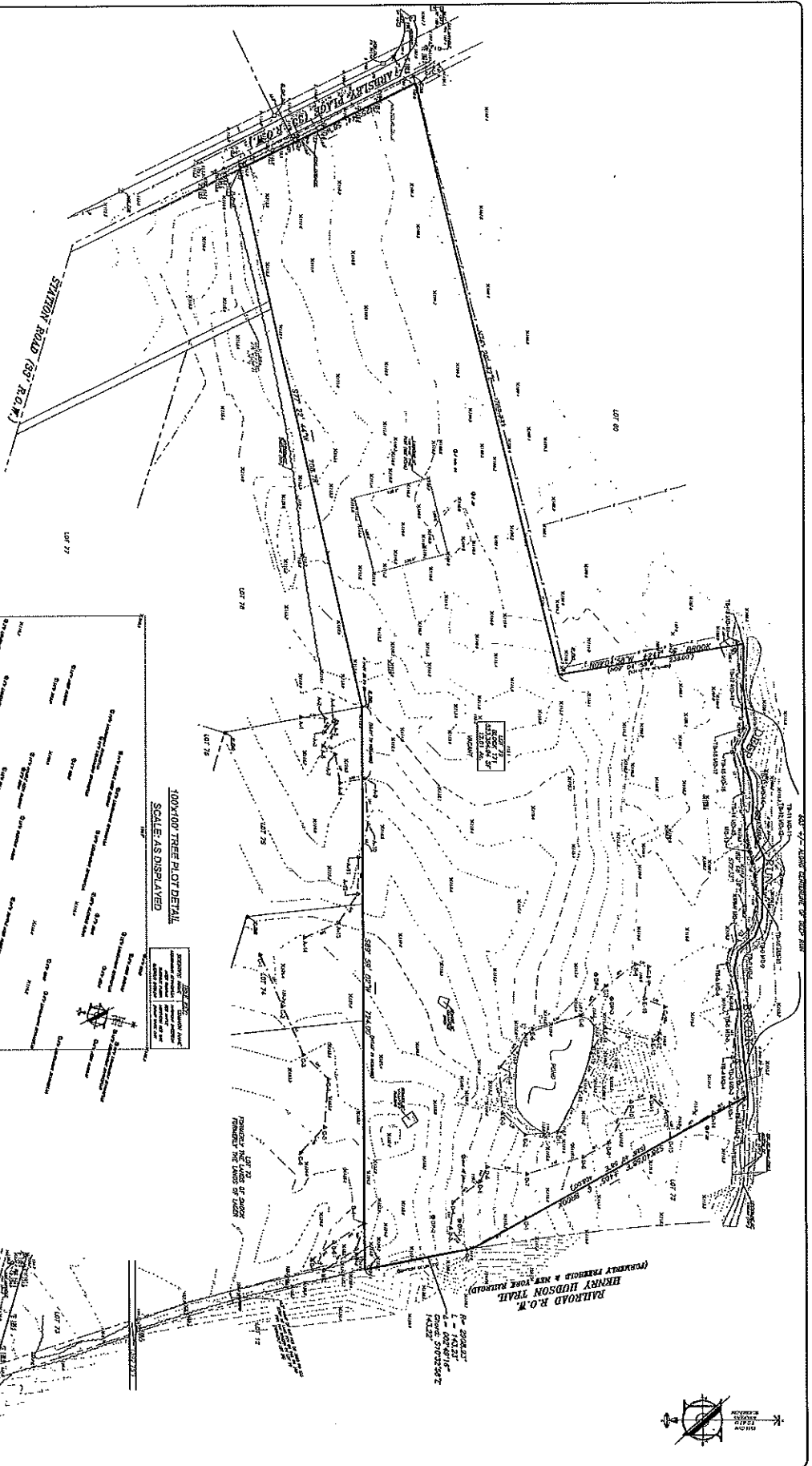
EXHIBIT F

LOI SURVEY PLAN (DETACHED)



BOUNDARY & TOPOGRAPHIC SURVEY OF PLOTS IN LOT 73 44 AND 57 PLATS

MANALAPAN TOWNSHIP, MIDDLESEX COUNTY, NEW JERSEY



LEGEND

1" = 100'

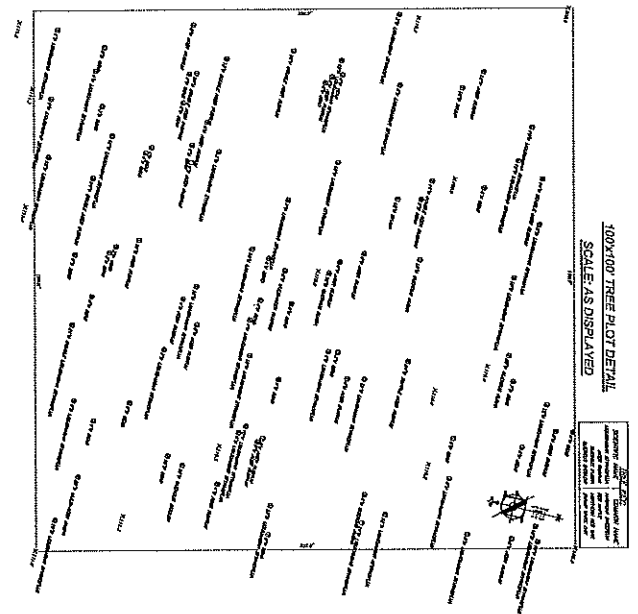
SCALE: 1" = 100'

SYMBOLS

--- Natural Boundary
 --- Proposed Boundary
 --- Easement
 --- Right-of-Way
 --- Utility Line
 --- Elevation Contour
 --- Spot Elevation
 --- Building
 --- Well
 --- Tree
 --- Fence
 --- Road
 --- Railroad
 --- Stream
 --- Pond
 --- Lake
 --- Marsh
 --- Field
 --- Woodland
 --- Shrubland
 --- Pasture
 --- Forest
 --- Bare Ground
 --- Water

WETLANDS

Line #	Length	Direction	Area
1	1.12	S 89° 15' E 100.00	112.00
2	1.12	S 89° 15' E 100.00	112.00
3	1.12	S 89° 15' E 100.00	112.00
4	1.12	S 89° 15' E 100.00	112.00
5	1.12	S 89° 15' E 100.00	112.00
6	1.12	S 89° 15' E 100.00	112.00
7	1.12	S 89° 15' E 100.00	112.00
8	1.12	S 89° 15' E 100.00	112.00
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96	1.12	S 89° 15' E 100.00	112.00
97	1.12	S 89° 15' E 100.00	112.00
98	1.12	S 89° 15' E 100.00	112.00
99	1.12	S 89° 15' E 100.00	112.00
100	1.12	S 89° 15' E 100.00	112.00



NOTICE

This map was prepared by the undersigned in accordance with the provisions of the Surveying Act of 1905, as amended, and the rules and regulations thereunder. The survey was conducted in accordance with the best practice of the profession, and the map is a true and correct representation of the facts as shown on the ground.

REVISIONS

No.	Date	Description
1	10/1/73	Original Survey
2	10/1/73	Final Map

CERTIFICATION

I, the undersigned, being duly qualified and sworn, do hereby certify that the foregoing is a true and correct copy of the original map as filed in the office of the Surveyor General of the State of New Jersey.

JOHN J. GIBLIN, P.E.
Surveyor General

INSIDE

1973

EXHIBIT G

FHA VERIFICATION PLAN (DETACHED)

EXHIBIT H

COPY OF APPLICATION ON CD (DETACHED)