

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <ul style="list-style-type: none"> <li data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No 		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?

b. a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? Yes No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? Yes No *

iii. Number of lots proposed? _____ *Lot Averaging

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? TBD** Yes No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day (excluding irrigation)

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
- Will a line extension within an existing district be necessary to serve the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface) (Represents only residential subdivision. There is an additional 3.28 _____ Square feet or _____ acres (parcel size) _____ acres of impervious surface when including the Village parcel.)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____

- Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
- _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
- _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
- _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
- _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

*148.82 acres represents entire Subject Property. Portion to be developed as the residential subdivision is approximately 139.36 acres.

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.

<p><i>i.</i> During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p><i>ii.</i> During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
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<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>n. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>_____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ 	

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

 ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No
 If Yes: provide name and location of facility: _____

 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____
 ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage *	Acreage After Project Completion *	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested/Wooded			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

*The figures below represent coverages for residential subdivision only (139.36± acres). If the parcel to be donated to the Village is included, there would be an additional 3.28± acres of impervious coverage, an additional 5.37± acres of lawn/landscaping and an additional 0.81 acre of forested/wooded area upon project completion. See Attachment for assumptions regarding impervious coverage on residential lots after project completion.

c. Is the project site presently used by members of the community for public recreation? Yes No *

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No

If Yes,

i. Identify Facilities: _____

e. Does the project site contain an existing dam? Yes No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection: _____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No

If Yes:

i. Has the facility been formally closed? Yes No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No

- Yes – Spills Incidents database Provide DEC ID number(s): _____
- Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
- Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____

*Former private membership club. Tee times for golf course can now be made via on-line reservation.

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: _____ %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ % of site
 10-15%: _____ % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? *See Attachment. Yes No*

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	

*Per the New York State Department of Environmental Conservation New York Nature Explorer database, no endangered, threatened, rare or special concern species records specific to the subject property exist.

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	
<input type="checkbox"/> Yes <input type="checkbox"/> No See Attachment	
If Yes:	
<i>i.</i> Identify resource: _____	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____	
<i>iii.</i> Distance between project and resource: _____ miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name _____ Date _____

Signature Neil A. Resner _____ Title _____

Part 1 – Environmental Assessment Form

**Application for Subdivision of Tam O’Shanter Golf Club
The Estates at Brookville
74 Fruitledge Road
Incorporated Village of Brookville, Nassau County**

Attachment

Page 1, Item A – Brief Description of Proposed Action:

The proposed action consists of the subdivision of the 148.82±-acre Tam O’Shanter Golf Club property into 27 residential lots, under the Village’s lot averaging provision, and the ultimate construction of 27 single-family homes on such lots. As a public benefit, property, including the existing clubhouse, would be donated to the Village for municipal offices, including the police department (“municipal”) use. Subdivision and development of the property would require the removal of the existing 18-hole golf course and most related facilities, with the exception of the clubhouse (approximately 20,500 square feet [SF] in size), which would be retained for the municipal use. The subject property is located at 74 Fruitledge Road in the Incorporated Village of Brookville, Town of Oyster Bay, Nassau County (see attached Site Location Map). The subject property is known on the Nassau County Land & Tax Map as Section 16 – Block C – Lots 359, 386A, 386D and 386E.

A conventional subdivision (yield) map was prepared based on the prevailing bulk and dimensional zoning requirements of the R-5 Residential Zoning District, in which the subject property is located. The yield map resulted in a total of 27 residential lots. As noted above, the application requests lot averaging for the residential lots. According to the Village Code, lot averaging allows for a deviation from the requirement for minimum lot size of certain zoning districts (in this case the R-5 zoning district), to the extent that “no individual lot shall be less than one acre less than the minimum lot size required in the district the property is located.” However, “if the land to be subdivided directly abuts land in a district allowing a smaller minimum lot size, the smallest lot size permitted in the subdivision shall be the minimum lot size permitted in the abutting district.” Based on the concept of lot averaging and the abutting zoning (R-2), the proposed 27-lot residential subdivision contains lots ranging in size from 3.01± acres to 9.25± acres. The additional lot for municipal use is shown on the Preliminary Subdivision Map (Lot Averaging) as 9.46± acres, making the residential subdivision 139.36 acres in size.

The existing access to the subject property from Fruitledge Road would be retained for the municipal use. A new access point would be created along Fruitledge Road, approximately 500 feet from Cedar Swamp Road, for the residential subdivision, and new internal roadways would be constructed to access the proposed residential lots. Three of the proposed residential lots would be accessed directly from Fruitledge Road. There would be no access onto Cedar Swamp Road (New York State Route 107) with the exception of an emergency access with crash gate.

Sanitary waste generated by the 27 proposed residential lots is projected to total 8,100 gallons per day (gpd), based on a Nassau County Department of Public Works (NCDPW) generation factor of 300 gpd/residence. Additionally, the future municipal use is anticipated to generate approximately 1,230 gpd of sanitary waste, based on a NCDPW factor of 0.06 gpd per square foot.¹ Sanitary waste would be handled via on-site sanitary systems; unless otherwise decided, the on-site sanitary system currently serving the existing clubhouse would be retained by the municipal use.

¹ Based on an estimated building size of 20,500 square feet.

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Based on the sanitary flow factors noted above, the 27 residential lots would result in a daily potable water demand of approximately 8,100 gpd, excluding water for irrigation, which would be obtained via individual private wells. Furthermore, the future municipal use is expected to have a potable water demand of 1,230 gpd. The applicant has applied to the Jericho Water District for water availability, and is in the process of coordinating with the District. The water supply easement located on the municipal parcel is expected to remain.

Stormwater runoff generated by the residential subdivision is proposed to be captured via interconnected catch basins with storage provided in a proposed approximately 4.97±-acre recharge basin located on the subject property, as well as within proposed drywells. Stormwater runoff from individual residential lots is expected to be captured through a combination of on-site drainage reserve areas and/or drywells, depending on individual lot development; all lots would be required to retain all stormwater runoff on-site. Runoff from the municipal use would also be contained on-site. Perimeter areas would be graded to prevent stormwater runoff from leaving the subject property. Natural gas would be provided by National Grid, and electricity would be provided by PSEG Long Island.

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**Application for Subdivision of Tam O’Shanter Golf Club
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Page 2, Item B – Government Approvals, Funding or Sponsorship

The following table identifies permits/approvals required for implementation of the proposed action. The approvals noted with an asterisk (*) would be required for future development of the residential lots.

Government Entity	Required Permits/Approvals/Reviews**
Village Planning Board	<ul style="list-style-type: none"> • Subdivision Approval, including request for lot averaging • Site Plan Approval for individual residential lots*
Village Board of Trustees	<ul style="list-style-type: none"> • Authorization of Transfer of Property for Municipal Use
Village Building Department	<ul style="list-style-type: none"> • Building permit for construction of the roadway and associated infrastructure; subsequent individual residential lot development*
Village Architectural Review Committee	<ul style="list-style-type: none"> • Individual residential lot development plan review*
Village Department of Public Works	<ul style="list-style-type: none"> • Stormwater Pollution Prevention Plan (SWPPP) approval
Nassau County Department of Health	<ul style="list-style-type: none"> • On-site sewerage system approval* • Approval for abandonment of existing on-site sanitary systems (potential)
Nassau County Department of Public Works	<ul style="list-style-type: none"> • Subdivision plan review and potential acceptance of recharge basin
New York State Department of Transportation	<ul style="list-style-type: none"> • New York State Department of Transportation (NYSDOT) Highway Work Permit PERM33 and Perm-33com
New York State Department of Environmental Conservation	<ul style="list-style-type: none"> • SPDES General Permit 0-20-001, SWPPP Notice of Intent • Long Island Well Permit for irrigation wells for individual lots, based on irrigation system design*
United States Army Corps of Engineers	<ul style="list-style-type: none"> • Jurisdictional Determination***
PSEG Long Island	<ul style="list-style-type: none"> • Electricity Supply**
National Grid	<ul style="list-style-type: none"> • Natural Gas Supply**
Jericho Water District	<ul style="list-style-type: none"> • Water supply Connection*

*As noted above, approvals noted with one asterisk would be required for future development of the residential lots.

**Consultations would be undertaken with PSEG Long Island and National Grid, as required, to inform them of the proposed subdivision.

***Correspondence from the United States Army Corps of Engineers indicating non-jurisdiction was received October 15, 2020.

Page 9 – Item E.1.a

The following land use and zoning districts are present in the areas surrounding the Subject Property.

North: Properties immediately north of the Subject Property are located within the R-2 Residence District of the Village of Brookville and the Residence A-1 District of the Village of Muttontown. The land use within these areas consists of primarily single-family residential development. However, directly adjacent to the Subject Property to the north/northeast is the Long Island Lutheran Middle and High School campus with associated sports fields along Fruitledge Road. Beyond, to the north are single-family residences.

Part 1 – Environmental Assessment Form

**Application for Subdivision of Tam O’Shanter Golf Club
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East: To the east, properties are zoned within the R-5 Residence and R-2 Residence Districts of the Village of Brookville and the Residence A-1, Residence E-3 and Residence E-5 Districts of the Village of Muttontown. The land uses to the east of the Subject Property consist of single-family residential, institutional (educational) and open space. Specifically, the Subject Property is adjacent to the Nassau BOCES Brookville Outdoor and Environmental Education Center and the Brookville Nature Park. Northeast of the Subject Property on the east side of Brookville Road is the Muttontown Preserve in the Village of Muttontown and to the southeast, is open space and forested land owned and used by the Nassau Equestrian Center at Old Mill.

South: Immediately south of the Subject Property, parcels are zoned Residence R-5, Residence R-3 and the Residence R-2 in the Village of Brookville. Directly south of the Subject Property is predominately single-family residential development, with institutional uses (Church of St. Paul the Apostle and its associated Preschool and sports fields and the Jericho Middle School/High School complex) further south-southeast.

West: To the west, beyond Fruitledge Road, parcels are zoned R-2, and developed with single-family residences.

Page 9 – Item E.1.b

Since the proposed action involves only the subdivision of the existing property and specific residences have not yet been designed, several assumptions were made with regard to the footprints (impervious surfaces) associated with the future development of the 27 proposed residential lots, based on similar residential properties in the vicinity. With the exception of tennis courts (where only 13 of the 27 lots were assumed to have such feature), the square footages (footprints) below apply to all 27 residential lots.

- Main Residence: 5,000 SF
- Accessory Structures: 600 SF
- Patio Areas: 2,000 SF
- Pool: 1,200 SF
- Driveway/Paved Areas: 8,000 SF
- Tennis Court: 7,000 SF

Page 11, E.2.c. - Predominant soil type(s) present on project site:

Eight soil borings were conducted (two to a depth of 37 feet and six to a depth of 25 feet) and a geotechnical report, dated March 17, 2020, was prepared by Soil Mechanics Drilling Corp. (“Soil Mechanics”) summarizing the results (see Appendix A to this Attachment). The investigation revealed that the areas that were drilled are blanketed by from 2 to 4 feet of loam and soil fill, underlain, generally by a moderately dense-to-coarse fine sand with traces of silt and gravel, extending to the deepest depths drilled.

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Page 11, E.3.d. What is the average depth to the water table on the project site.

As previously noted, soil borings were conducted and a geotechnical report, dated March 17, 2020, was prepared by Soil Mechanics on March 17, 2020 summarizing the results (see Appendix A to the attachment). Perched water was encountered at a depth of 14 feet-6 inches in Boring 1 (located along the interior entrance at Fruitledge Road) and at 22 feet-4 inches in Boring 7 (located near the southern border of the site). However, no groundwater was encountered in any of the eight borings at the time the work was conducted.

Page 11, E.3.e. Drainage status of project site soils

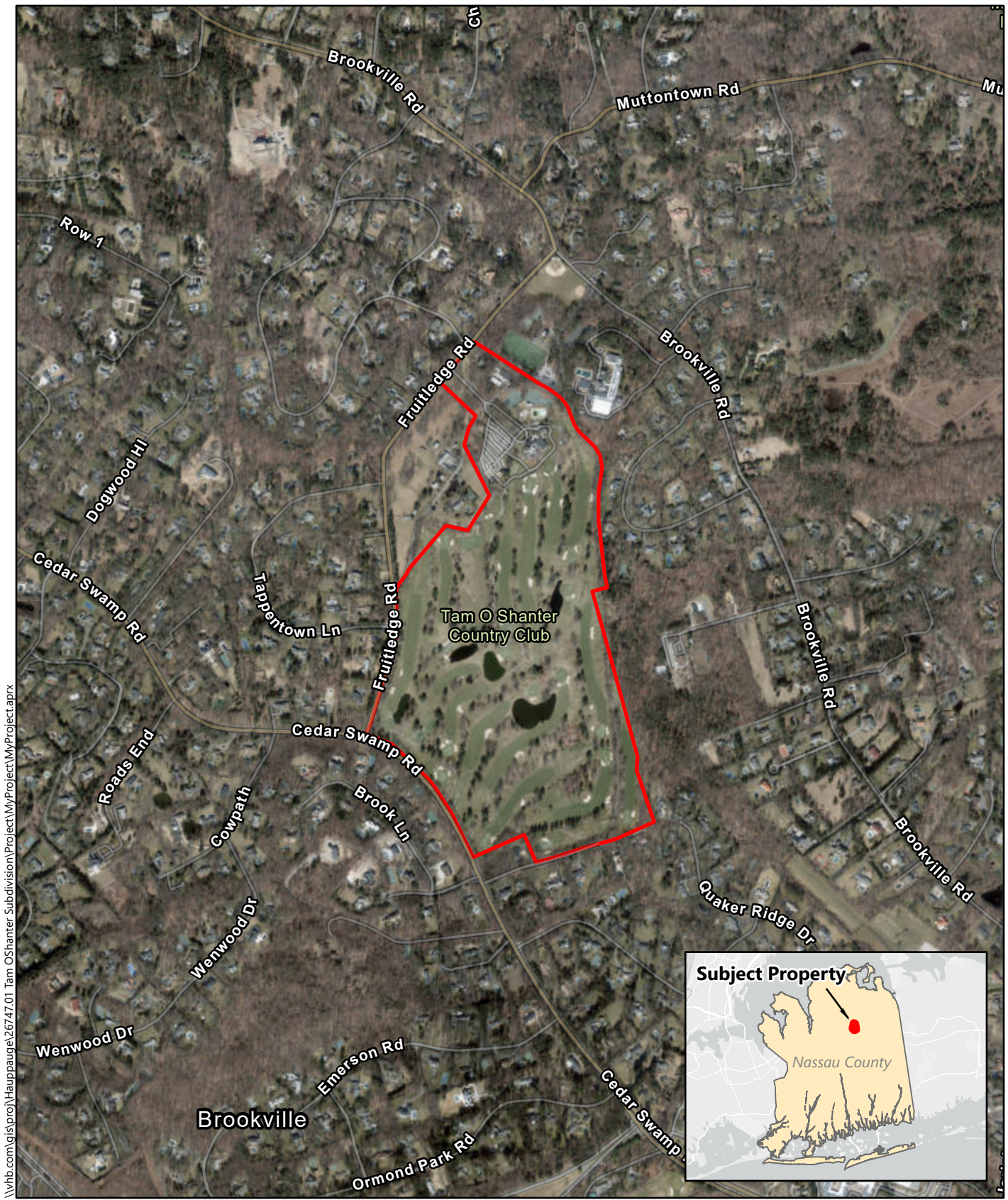
As previously noted, soil borings and percolation tests were conducted and a geotechnical report, dated March 17, 2020, was prepared by Soil Mechanics on March 17, 2020 summarizing the results (see Appendix A to the attachment). As noted above, the geotechnical report indicates that areas of subsurface investigation were blanketed by from 2 to 4 feet of loam and soil fill, underlain, generally, by a moderately dense to dense coarse to fine sand with traces of silt and gravel extending to the deepest depths drilled. Much of the soil encountered in the borings is classified as “SP” (poorly graded sands or gravelly sands, little or no fines). All soils classified as “SP” exhibit excellent drainage characteristics.

Page 11, Item E.2.h.iv – For each identified regulated wetland and waterbody on the project site, provide the following information: Lakes or Ponds.

The five artificial golf course ponds located on the subject property are identified on the National Wetland Inventory map as PUBHx (Palustrine, Unconsolidated Bottom, Permanently Flooded, Excavated) water bodies. Jurisdictional determination from the United States Army Corps of Engineers was requested on March 27, 2020. In correspondence dated October 15, 2020, the Army Corps of Engineers has indicated it does not have jurisdiction over the on-site golf course ponds noted above.

Page 13, Item E.3.h. I – iii– Officially designated and publicly accessible federal, state, or local scenic or aesthetic resources:

Various local and state scenic and/or aesthetic resources are within a five-mile radius of the subject property, including the Brookville Nature Park (Michael P. Galgano Nature Park) which is directly adjacent to and the Northern State Parkway which is approximately 1.9 miles from the subject property.



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**Subdivision of Tam O'Shanter Golf Club
The Estates at Brookville** | Brookville, NY

Site Location

74 Fruitledge Road
Village of Brookville, Town of Oyster Bay
Nassau County, New York

Source Info: NYS Ortho Imagery (2016)