CRAIG PAEPRER Chairman

ANTHONY GIANNICO Vice Chairman

BOARD MEMBERS KIM KUGLER RAYMOND COTE ROBERT FRENKEL MARK PORCELLI VICTORIA CAUSA

TOWN OF CARMEL PLANNING BOARD



60 McAlpin Avenue Mahopac, New York 10541 Tel. (845) 628-1500 – Ext.190 www.ci.carmel.ny.us MICHAEL CARNAZZA Director of Code Enforcement

RICHARD FRANZETTI, P.E. Town Engineer

> PATRICK CLEARY, AICP,CEP, PP, LEED AP Town Planner

PLANNING BOARD AGENDA DECEMBER 9, 2021 – 7:00 P.M.

Revision #1

		TAX MAP #	PUB. HEARING	MAP DATE	COMMENTS
<u>Pl</u>	JBLIC HEARING				
1.	Binns Family Trust – 5 Veschi Lane South	75.20-2-2	12/9/21	11/4/21	Public Hearing/Resolution
<u>SI</u>	<u>TE PLAN</u>				
2.	Hamlet at Carmel – Stoneleigh Ave, Carmel	662-58		11/29/21	Amended Site Plan
<u>sı</u>	JBDIVISION				
3.	Western Bluff Subdivision – 350 West Shore Drive	66.14-1-20		11/8/21	3 Lot Subdivision

MISCELLANEOUS

4. Minutes - 10/27/21 & 11/18/21



November 29, 2021

Town of Carmel Planning Board 60 McAlpin Avenue Mahopac, New York 10541

RE: Amended Site Plan The Hamlet at Carmel TM# 66.-2-58

Dear Chairman Paeprer and Members of the Board:

Please find enclosed the following plans and documents in support of an application for an amended site plan approval for the above referenced project:

- Ten (10) sheet Amended Site Plan Set, dated November 29, 2021. (5 copies)
- SEQRA Environmental Assessment Form & Supplemental Studies (Expanded EAF), prepared by Tim Miller Associates, revised November 29, 2021 (11 copies)
- Draft Stormwater Facility Maintenance Agreement (11 copies)

The applicant seeks amended site plan approval for 150 units of multifamily housing development in accordance with Town Code §156-28.

In response to the comments received from Director of Code Enforcement, Michael Carnazza, dated October 14, 2021, we provide the following response:

- 1. Average grade calculations will be provided prior to Certificate of Occupancy.
- 2. The proposed project will have an adequate water supply. Connection will be made to Carmel Water District #2, which has more than adequate capacity to service the proposed project.

In response to the comments received from Town Planner, Patrick Cleary, dated October 14, 2021, we provide the following responses:

- 1. The Kearney Group will act as both developer and property manager for the affordable portion of the project. The tax credits that govern the rents are checked annually by NYS Housing and Community Renewal, Raymond James Tax Credit Funds, and the applicant's lender. The Kearney Group will coordinate all of the compliance and reporting requirements.
- 2. This comment is noted.
- 3. This comment is noted.
- 4. This comment is noted.
- 5. The Expanded EAF document has been updated to address comments received at the October and July Planning Board Planning Board meetings. It includes the fiscal analysis and traffic counts collected in September.
- 6. This comment is noted.
- 7. This comment is noted.

- 8. This comment is noted.
- 9. This comment is noted.
- 10. This comment is noted.

In response to the comments received from Town Engineer, Richard Franzetti, PE, dated October 13, 2021, we provide the following responses:

I. General Comments:

- 1. This comment is noted.
- 2. This comment is noted.
- 3. The existing onsite intermittent watercourses will be field verified with NYCDEP.
- 4. As previously noted, the project has a full SWPPP and related permit coverage under the NYSDEC General Permit for Construction Activities. A SWPPP Addendum has been submitted to the Town and will be submitted to NYCDEP for their review.
- 5. The updated traffic analysis is included with the enclosed Expanded EAF and will be forwarded to PCDH&F.
- 6. A Draft Stormwater Facility Maintenance Agreement is attached for review.
- 7. There are no proposed public improvements and therefore related bonds, and fees are not required.

II. Detailed Comments:

- 1. Grading and Utilities Plan SP-3
 - a. Rim and invert information will be provided with a future submission.
 - b. Hydraulic calculations will be provided with a future submission.
 - c. It is noted that water and sewer utilities are shown on Drawing SP-2, and electric is not typically shown as its design is controlled by NYSEG.
- 2. Erosion Control and Phasing Plan
 - a. Rim and invert information will be provided with a future submission.
 - b. A Full SWPPP has been prepared and accepted as noted above.
 - c. The project phasing as shown on Drawing SP-4 includes distinct elements and a description for each phase. With this guidance, we do not see the need to show each phase on a separate sheet.
- 3. As previously noted, all roadways are proposed to be privately owned. The pavement cross sections have been revised as recommended.
- 4. All site details have been previously revised based on related comments.

Please place the project on the December 9, 2021 Planning Board agenda for a discussion with the Board, and to schedule the required public hearing.

Should you have any questions or comments regarding this information, please feel free to contact our office.

Very truly yours,

INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

Jeffrey J. Contelmo, PE Senior Principal Engineer

JJC/adt/amk

By:

Enclosures (all via email)

cc: Ken Kearney Sean Kearney Jon Dahlgren

Mario Salpepi

Charles Martabano, Esq.

Insite File No. 14211.100



Stormwater Facility Maintenance Agreement

Whereas, the Town of Carmel, 60 McAlpin Avenue, Mahopac, NY ("Municipality") and The Hamlet at Carmel Associates, LLC, 57 Route 6, Suite 207, Baldwin Place, NY ("Facility Owner") want to enter into an agreement to provide for the long-term maintenance and continuation of stormwater control measures approved by the Municipality for the The Hamlet at Carmel project, located at Stoneleigh Avenue, Carmel, NY, Tax Map ID 66-2-58.

Whereas, the Municipality and the Facility Owner desire that the stormwater control measures be built in accordance with the approved project plans and thereafter be maintained, cleaned, repaired, replaced and continued in perpetuity in order to ensure optimum performance of the components.

Therefore, the Municipality and the Facility Owner agree as follows:

- This agreement inures to the benefit of the Municipality and binds the Facility Owner, its successors and assigns, to the maintenance provisions depicted in the approved project plans which are attached as Schedule A of this agreement.
- 2. The Facility Owner shall maintain, clean, repair, replace and continue the stormwater control measures depicted in Schedule A as necessary to ensure optimum performance of the measures to design specifications. The stormwater control measures shall include, but shall not be limited to, the following: stormwater management ponds, swales, culverts, and drainage structures.
- 3. The Facility Owner shall be responsible for all expenses related to the maintenance of the stormwater control measures and shall establish a means for the collection and distribution of expenses among parties for any

commonly owned facilities.

- 4. The Facility Owner shall provide for the periodic inspection of the stormwater control measures, not less than once in every five-year period, to determine the condition and integrity of the measures. Such inspection shall be performed by a professional engineer licensed by the State of New York. The inspecting engineer shall prepare and submit to the Municipality, within 30 days of the inspection, a written report of the findings, including recommendations for those actions necessary for the continuation of the stormwater control measures.
- The Facility Owner shall not authorize, undertake or permit alteration, abandonment, modification or discontinuation of the stormwater control measures except in accordance with written approval of the Municipality.
- 6. The Facility Owner shall undertake necessary repairs and replacement of the stormwater control measures at the direction of the Municipality or in accordance with the recommendations of the inspecting engineer.
- 7. The Facility Owner shall provide to the Municipality, within 30 days of the date of this agreement, a security for the maintenance and continuation of the stormwater control measures in the form of a bond, letter of credit or escrow account.
- This agreement shall be recorded in the Office of the County Clerk, County of Putnam together with the deed for the subject premises.
- 9. In the event that the Municipality determines that the Facility Owner has failed to construct or maintain the stormwater control measures in accordance with the project plan or has failed to undertake corrective action specified by the Municipality or by the inspecting engineer, the Municipality is authorized to undertake such steps as reasonably necessary for the preservation, continuation or maintenance of the stormwater control measures and to affix the expenses thereof as a lien against the property.
- 10. Nothing within this agreement shall be construed to impose any affirmative obligation or covenant of performance on the Municipality.
- 11. This agreement is effective on date of filing.

	et at Carmel Associates, LLC
Owner's Representative: _	Ken Kearney
Representative Signature:	
ACKNOWLEDGEMENTS	
STATE OF NEW YORK)
TOWN OF) 55
On this day of	20 before me percentally come
who executed the foregoing in same.	known and known to me to be the person described in and strument and he acknowledged to me that he executed the
to me who executed the foregoing in same.	known and known to me to be the person described in and strument and he acknowledged to me that he executed the Notary Public

Representative Signature:

)

ACKNOWLEDGEMENTS

STATE OF NEW YORK

) SS.: TOWN OF

ay of _____, 20__, before me, personally came to me known and known to me to be the person described in and On this ____ day of __ who executed the foregoing instrument and he acknowledged to me that he executed the same.

Notary Public



SEQRA ENVIRONMENTAL ASSESSMENT

SEQRA Full Environmental Assessment Form and Supplemental Studies

The Hamlet at Carmel Site Plan Application

Town of Carmel Putnam County, New York

Lead Agency:

TOWN OF CARMEL PLANNING BOARD 60 McAlpin Avenue Mahopac, New York 10541 Contact: Rose Trombetta (845) 628-1500 X190

Project Sponsor:

THE HAMLET AT CARMEL, LLC 57 Route 6, Suite 207 Baldwin Place, NY 10505 Contact: Ken Kearney (845) 306-7705

Prepared by:

TIM MILLER ASSOCIATES, INC. 10 North Street Cold Spring, New York 10516 Contact: Jon P. Dahlgren (845) 265-4400

November 29, 2021

The Hamlet at Carmel Site Plan Application

SEQRA ENVIRONMENTAL ASSESSMENT

SEQRA Full Environmental Assessment Form and Supplemental Studies

Table of Contents

1.0 FULL ENVIRONMENTAL ASSESSMENT FORM (EAF)

EAF Part 1 - Project and Setting

- **2.0 EAF Part 3 Evaluation of the Magnitude & Importance of Impacts** *Expanded assessments for impacts identified in Part 1 topics:*
 - 2.1 Introduction
 - 2.2 Community Services and Fiscal
 - 2.3 Traffic and Transportation

List of Figures

- 2.1-1 Location Map
- 2.1-2 Aerial Photograph
- 2.1-3 2008 PCF Senior Housing Dev. Site Plan
- 2.1-4 The Hamlet at Carmel Site Plan
- 2.3-1 Local Road Network

List of Attachments

- A. SEQRA Findings Statement PCF Senior Dev. (2008)
- B. Town of Carmel Student Enrollment Report
- C. NYS HCR Funding Guidelines

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:					
The Hamlet at Carmel					
Project Location (describe, and attach a general location map):					
Stoneleigh Avenue, Carmel, NY, Tax Map #662-58 (see attached location map)					
Brief Description of Proposed Action (include purpose or need):					
The applicant proposes to develop a 150 unit mixed income/affordable and market rate residential community on a 35.3 acre property located on the east side of Stoneleigh Avenue in the Town of Carmel, New York. The project is referred to as "The Hamlet at Carmel". The development site adjoins the existing Putnam Hospital Center. A total of ten 2 to 2.5-story multifamily buildings would be constructed, as well as supporting driveways, parking and stormwater management facilities. The property is served by municipal water and sewer service.					
(see attached Project Description - Part 3)					
Name of Applicant/Sponsor:	Telephone: 845-306-7705				
The Hamlet at Carmel Associates, LLC E-Mail: kkearney@kearneyrealtygroup.com					
Address: 57 Route 6 Suite 207					
City/PO: Baldwin Place	State: NY	Zip Code: 10505			
Project Contact (if not same as sponsor; give name and title/role):	Telephone: 845-306-7705	•			
Mr. Ken Kearney	E-Mail: kkearney@kearneyrealt	ygroup.com			
Address:					
57 Route 6 Suite 207					
City/PO:	State:	Zip Code:			
Baldwin Place	NY	10505			
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 grau	nts, 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, □Yes□No or Village Board of Trustees		
b. City, Town or Village ✓Yes No Planning Board or Commission	Site Plan	Pending
c. City, Town or Yes No Village Zoning Board of Appeals		
d. Other local agencies		
e. County agencies ☐Yes No	Putnam Co. Dept of Health, sewer - water connect Putnam Co. Highways Dept, Highway permit	Pending
f. Regional agencies Yes No	NYCDEP, SWPPP and sewer permit	Pending
g. State agencies ✓Yes□No	NYSDEC General SPDES Const. Permit, NYS Housing Fin. Agency, NYS Housing Trust Fund	Pending
h. Federal agencies		
i. Coastal Resources.		
<i>i</i> . Is the project site within a Coastal Area	, or the waterfront area of a Designated Inland W	[′] aterway? □Yes ∠ No
<i>ii.</i> Is the project site located in a commun <i>iii.</i> Is the project site within a Coastal Erost	tion Program? □ Yes☑No □ Yes☑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? 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 	☐ Yes Z No
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?) If Yes, identify the plan(s): NYC Watershed Boundary 	✓ Yes No
 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? If Yes, identify the plan(s): 	∐Yes Z No

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? <u>R - Residential</u>	☑ Yes □ No
b. Is the use permitted or allowed by a special or conditional use permit?	
b. Is the use permitted of anowed by a special of conditional use permit:	
 c. Is a zoning change requested as part of the proposed action? If Yes, <i>i</i>. What is the proposed new zoning for the site? 	☐ Yes Ø No
C.4. Existing community services.	
a. In what school district is the project site located? <u>Carmel Central School District</u>	
b. What police or other public protection forces serve the project site?	
Carmel Police Dept., Putnam County Sheriff's Dept., NY State Police	
c. Which fire protection and emergency medical services serve the project site? <u>Carmel Fire Department</u>	
d. What parks serve the project site? Putnam Trailway, Camarda Park, Muscoot River Rec. Area	

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industria components)? Residential	al, commercial, recreational; if n	nixed, include all			
b a Total acreage of the site of the proposed action?	35.3 acres				
b. Total acreage to be physically disturbed?	18.9 acres				
c. Total acreage (project site and any contiguous properties) owned					
or controlled by the applicant or project sponsor?	5.7 acres				
c. Is the proposed action an expansion of an existing project or use?		🗌 Yes 🗹 No			
<i>i</i> . If Yes, what is the approximate percentage of the proposed expansion and square feet)? % Units:	d identify the units (e.g., acres, n	niles, housing units,			
d. Is the proposed action a subdivision, or does it include a subdivision?		Yes Z No			
If Yes,					
<i>i</i> . Purpose or type of subdivision? (e.g., residential, industrial, commercial;	if mixed, specify types)				
<i>ii.</i> Is a cluster/conservation layout proposed?		Yes No			
ui. Number of lots proposed? 1					
<i>iv.</i> Minimum and maximum proposed lot sizes? Minimum M	aximum				
e. Will the proposed action be constructed in multiple phases?		∠ Yes □ No			
<i>i</i> . If No, anticipated period of construction:	months				
<i>ii</i> . If Yes:					
 Total number of phases anticipated 	2				
• Anticipated commencement date of phase 1 (including demolition)					
 Anticipated completion date of final phase 					
• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may					
determine timing or duration of future phases:					

f Door the main	at in aluda navy nagid	lantial maga?			
I. Does the project	of include new resid	ential uses:			
If ites, show hun	One Family	Two Family	Three Family	Multiple Family (four or more)	
	One ranny	<u>1 wo 1 anny</u>	<u>inice i anniy</u>	Mumple 1 anny (1001 or more)	
Initial Phase				75	
At completion				150	
of all phases				150	
g. Does the prop	osed action include	new non-residenti:	al construction (inclu	iding expansions)?	□Yes □ No
If Yes,				unig enpenerene).	
i. Total number	r of structures				
ii. Dimensions ((in feet) of largest p	roposed structure:	height;	width; andlength	
iii. Approximate	extent of building	space to be heated	or cooled:	square feet	
h. Does the prope	osed action include	construction or oth	ner activities that wil	l result in the impoundment of any	☐Yes Z No
liquids, such a	s creation of a wate	r supply, reservoir	, pond, lake, waste la	agoon or other storage?	
If Yes,					
<i>i</i> . Purpose of the	e impoundment:				
<i>ii</i> . If a water imp	oundment, the prin	cipal source of the	water:	Ground water Surface water strear	ns Other specify:
··· <u>TC</u> (1 (1	· · · · · · · · · · · · · · · · · · ·	<u> </u>	11	1.1 *	
iii. If other than w	vater, identify the ty	/pe of impounded/	contained liquids and	d their source.	
iv Approximate	size of the propose	dimnoundment	Volume	million gallons: surface area:	acres
v Dimensions of	of the proposed dam	or impounding str	ructure:	height length	acros
vi. Construction	method/materials f	for the proposed da	m or impounding str		rete):
,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		or the property		(,,,	1000).
D.2. Project Op	erations				
a Does the prope	osed action include	any excavation m	ining or dredging d	uring construction operations or both?	TVes 7No
(Not including	general site prepara	ally exervation, in	stallation of utilities	or foundations where all excavated	
materials will t	remain onsite)	mon, grading or m	Stallation of authors	of foundations where an excuvated	
If Yes:	emain enerce,				
<i>i</i> . What is the pu	urpose of the excava	ation or dredging?			
<i>ii</i> . How much ma	aterial (including ro	ck. earth. sediment	s. etc.) is proposed to	o be removed from the site?	
Volume	(specify tons or cul	bic vards):	, , , , , , , , , , , , , , , , , , ,		
• Over wł	nat duration of time	?			
iii. Describe natu	re and characteristic	cs of materials to b	e excavated or dreds	zed, and plans to use, manage or dispose	e of them.
iv. Will there be	onsite dewatering	or processing of ex	cavated materials?		∐Yes √ No
If yes, descri	be				
v. What is the to	otal area to be dredg	,ed or excavated?	·	acres	
<i>vi</i> . What is the m	aximum area to be	worked at any one	e time?	acres	
vii. What would	be the maximum de	pth of excavation of	or dredging?	teet	
<i>viii</i> . Will the exca	avation require blas	ting?			∐Yes √ No
<i>ix</i> . Summarize sit	te reclamation goals	and plan:			
b. Would the pro	posed action cause	or result in alterati	on of, increase or de	crease in size of, or encroachment	Yes✔No
into any existi	ing wetland, waterb	ody, shoreline, bea	ich or adjacent area?		
If Yes:			fft-1 (by name u		
<i>i</i> . Identify the v	vetland or waterbou	y which would be	affected (by name, v	vater index number, weuand map numb	er or geographic
description).					

<i>ii.</i> Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placem alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in sq	ent of structures, or uare feet or acres:
<i>iii.</i> Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	□Yes □No
<i>iv.</i> 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 N o
If Yes:	
<i>i</i> . Total anticipated water usage/demand per day: 33,000 gallons/day (max da	
<i>ii.</i> Will the proposed action obtain water from an existing public water supply?	Y es No
 Name of district or service area: Cornel Water District #2 	
 Name of district of service area. Camer water District #2. Does the evicting public water supply have canadity to serve the proposal? 	
 Does the existing public water supply have capacity to serve the proposal: Is the project site in the existing district? 	
 Is expansion of the district needed? 	$\Box \operatorname{Ves} \overline{\mathbf{V}} \operatorname{No}$
 Do existing lines serve the project site? 	
• Do existing fines serve the project site:	
If Yes.	
 Describe extensions or canacity expansions proposed to serve this project; 	
An Out of District Water Service Agreement was completed for the property in 2002	
Source(s) of supply for the district: Municipal walls	·····
iv Is a new water supply district or service area proposed to be formed to serve the project site?	□ Ves □ 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:	
<i>vi</i> . 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?	
If Very	
<i>i</i> Total anticipated liquid waste generation per day: 33 000 gallons/day (max day)	
<i>ii.</i> Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe al	l components and
approximate volumes or proportions of each):	1
Sanitary wastewater	
<i>iii.</i> Will the proposed action use any existing public wastewater treatment facilities?	√ Yes N o
If Yes:	
Name of wastewater treatment plant to be used: Carmel SD#2 Wastewater Treatment Plant	
Name of district: CSD #8 - Stoneleigh Avenue, Putnam Hospital	
 Does the existing wastewater treatment plant have capacity to serve the project? Is the project site in the existing distribute? 	\bigvee Yes \square No
 Is the project site in the existing district? Is expansion of the district needed? 	$\square Y es \blacksquare INO$
• Is expansion of the district needed?	⊥ r es √ INO

• 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:	
An Out of District Sewer Service Agreement was completed for the property in 2002.	
<i>iv.</i> 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 speci	fying 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	√ Yes N o
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?	
If Yes:	
<i>i</i> . How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or5.7 acres (impervious surface)	
Square feet or <u>35.3</u> acres (parcel size)	
<i>ii</i> . Describe types of new point sources. Roof drains, parking and driveway catch basins and piping	
<i>iii.</i> Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent pr	operties,
groundwater, on-site surface water or off-site surface waters)?	
Stormwater will be directed to on-site stormwater managment facilities	
• If to surface waters, identify receiving water bodies or wetlands:	<u> </u>
	·····
• Will stormwater runoff flow to adjacent properties?	☐ Yes 7 No
<i>iv.</i> 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	□Ves Z No
combustion waste incineration or other processes or operations?	
If Yes, identify:	
<i>i</i> . Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
<i>ii.</i> 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,	□Yes Z No
or Federal Clean Air Act Title IV or Title V Permit?	
If Yes:	
<i>i</i> . Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	□Yes□No
ambient air quality standards for all or some parts of the year)	
ii. In addition to emissions as calculated in the application, the project will generate:	
•Tons/year (short tons) of Carbon Dioxide (CO ₂)	
•Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
• Tons/year (short tons) of Perfluorocarbons (PFCs)	
• Tons/year (short tons) of Sulfur Hexafluoride (SF ₆)	
Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, ☐Yes☑No landfills, composting facilities)?						
If Yes:						
 i. Estimate methane generation in tons/year (metric):						
i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as	∐Yes ∑ No					
quarry or landfill operations? 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					
 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 tructure) 	eks):					
iii. Parking spaces: Existing Proposed Net increase/decrease						
 <i>iv.</i> Does the proposed action include any shared use parking? <i>iv.</i> If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: 						
 <i>vi.</i> Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <i>vii</i> Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? 	☐Yes☐No ☐Yes☐No					
<i>viii.</i> 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	Yes No					
for energy?						
If Yes: <i>i</i> . Estimate annual electricity demand during operation of the proposed action:						
··						
<i>ii</i> . Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):						
<i>iii</i> . Will the proposed action require a new, or an upgrade, to an existing substation?	Yes No					
1. Hours of operation. Answer all items which apply.						
<i>i</i> . During Construction: <i>ii</i> . During Operations: Monday, Friday:						
Saturday: 8:00 a m to 6:00 p m Saturday: 24 hrs						
Saturday:						
Holidays: none Holidays: 24 hrs						

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?	☑ Yes □No
If yes: <i>i</i> Provide details including sources time of day and duration:	
Construction noise will occur during the hours permitted by the Town noise ordinance: 8:00 a.m. to 6:00 p.m. Monday through	n Saturday.
Construction will involve a total 48 months in two phases.	
<i>ii.</i> Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	
Describe: Existing trees will be removed in the area of development. A minimum 100 foot vegetated buffer will be maintained a lines.	long the property
n. Will the proposed action have outdoor lighting?	∠ Yes □ No
If yes:	
Lighting details have not been finalized. Safety levels of lighting will be provided at building entrances and parking areas and w	ill be dark sky
compliant.	
<i>ii.</i> Will proposed action remove existing natural barriers that could act as a light barrier or screen?	☑ Yes □No
Describe: Existing trees will be removed in the area of development. A minimum 100 foot vegetated buffer will be maintained	along the property
o. Does the proposed action have the potential to produce odors for more than one hour per day?	🗌 Yes 🛛 No
If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest	
occupied structures:	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons)	☐ Yes Z No
or chemical products 185 gallons in above ground storage or any amount in underground storage?	
<i>i</i> Product(s) to be stored	
<i>ii.</i> Volume(s) per unit time (e.g., month, year)	
<i>iii.</i> Generally, describe the proposed storage facilities:	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides,	🗌 Yes 💋 No
insecticides) during construction or operation?	
i Describe proposed treatment(a):	
i. Describe proposed treatment(s).	
	· · · · · · · · · · · · · · · · · · ·
<i>ii.</i> Will the proposed action use Integrated Pest Management Practices?	
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal	
If Yes:	
<i>i</i> . Describe any solid waste(s) to be generated during construction or operation of the facility:	
Construction: tons per (unit of time)	
Operation : tons per (unit of time)	
<i>ii.</i> Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste	:
Construction:	
• Operation:	
<i>iii.</i> Proposed disposal methods/facilities for solid waste generated on-site:	
Construction:	
• Operation:	
	· · · · · · · · · · · · · · · · · · ·

s. Does the proposed action include construction or modi	fication of a solid waste mana	gement facility?	🗌 Yes 🖌 No
If Yes: <i>i</i> . Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities):			
<i>ii.</i> Anticipated rate of disposal/processing:			· · · · · · · · · · · · · · · · · · ·
• Tons/month, if transfer or other non-c	combustion/thermal treatment	, or	
• Tons/hour, if combustion or thermal t	reatment		
<i>ui</i> . If landfill, anticipated site life:	years		
t. Will the proposed action at the site involve the commer waste?	cial generation, treatment, sto	orage, or disposal of hazard	lous 🗌 Yes 🖌 No
If Yes: <i>i</i> Name(s) of all hazardous wastes or constituents to be	generated handled or manag	ed at facility:	
i. Name(s) of an nazardous wastes of constituents to be	generated, nandred of manag	cu at lacinty	
<i>ii.</i> Generally describe processes or activities involving h	azardous wastes or constituer	its:	
<i>iii</i> . Specify amount to be handled or generated to	ons/month		
iv. Describe any proposals for on-site minimization, rec	ycling or reuse of hazardous o	constituents:	
v. Will any hazardous wastes be disposed at an existing	offsite hazardous waste facil	ity?	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>i</i> . Check all uses that occur on, adjoining and near the	project site.		
Urban Industrial V Commercial V Residential (suburban) Rural (non-farm)			
<i>i</i> . If mix of uses, generally describe:			
b. Land uses and covertypes on the project site.			
Land use or	Current	Acreage After	Change
Covertype	Acreage	Project Completion	(Acres +/-)
• Roads, buildings, and other paved or impervious		57	+ 5 7
surfaces		5.1	±0.7
	35.3	16.4	-18.9
 Meadows, grasslands or brushlands (non- 			1

13.2

+13.2

agricultural, including abandoned agricultural)

(includes active orchards, field, greenhouse etc.)

Describe: landscaping and stormwater managment

Agricultural

Other

Surface water features

(lakes, ponds, streams, rivers, etc.) Wetlands (freshwater or tidal)

Non-vegetated (bare rock, earth or fill)

•

•

•

•

•

c. Is the project site presently used by members of the community for public recreation? <i>i</i> . If Yes: explain:	□ Yes 2 No
 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? If Yes, <i>i</i>. Identify Facilities: Putnam Community Hospital is adjacent to the development site. 	ℤ Yes □ No
e. Does the project site contain an existing dam?	Ves VN0
If Yes: <i>i</i> . Dimensions of the dam and impoundment:	
• Dam height: feet	
Dam length: feet	
Surface area: acres acres acres	
<i>i</i> Dam's existing hazard classification:	
<i>iii.</i> Provide date and summarize results of last inspection:	
r	
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 facil	☐Yes ∕ No ity?
<i>i</i> . Has the facility been formally closed?	□Yes□ No
• If ves, cite sources/documentation:	
<i>ii.</i> Describe the location of the project site relative to the boundaries of the solid waste management facility:	
<i>iii</i> . 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 <mark>7</mark> No
<i>i</i> . Describe waste(s) handled and waste management activities, including approximate time when activities occurre	ed:
"Debeniee "abie(b) namaled and "abie management den mies, merdanig approximate anne "men den messoes"	
 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? If Yes: 	□Yes <mark>/</mark> No
<i>i</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	
<i>ii</i> . If site has been subject of RCRA corrective activities, describe control measures:	
<i>iii.</i> Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s):	☐ Yes Z No
<i>iv.</i> If yes to (i), (ii) or (iii) above, describe current status of site(s):	

 If yes, DEC site ID number: Describe any univering controls: Will the project affect the institutional or engineering controls in place? Explain: Will the project affect the institutional or engineering controls in place? Explain: Will the average depth to bedrock on the project site? >5 fect A re there bedrock outcroppings on the project site? Section of the site is comprised of bedrock outcroppings? % Charlton loam ORE Charlton loam ORE B % Charlton loam ORE Charlton loam ORE<th>v. Is the project site subject to an institutional control</th><th>limiting property uses?</th><th>☐ Yes□No</th>	v. Is the project site subject to an institutional control	limiting property uses?	☐ Yes□No
Describe any use limitations: Describe any use limitations: Describe any use limitations: Describe any engineering controls: Describe:	• If yes, DEC site ID number:		
Describe any engineering controls: Will the project affect the institutional or engineering controls in place? Will the project affect the institutional or engineering controls in place? E.2. Natural Resources On or Near Project Site a. What is the average depth to bedrock on the project site?	 Describe the type of institutional control (e.g Describe any use limitations: 	g., deed restriction or easement):	
 Will the project affect the institutional or engineering controls in place? Yes_No Itaplain: <	 Describe any use miniations. Describe any engineering controls: 		
E.2. Natural Resources On or Near Project Site a. What is the average depth to bedrock on the project site? If Yes, what proportion of the site is comprised of bedrock outcroppings? % c. Predominant soil type(s) present on project site? Chardton charted Charton charted Moderntely Well Drained: % of site Poorly Drained Moderntely Well Drained: % of site I 10% of site So % of site I 20% of site I 20% of site So % of site I 20% of site So % of site I 20% of site <td> Will the project affect the institutional or eng Explain: </td> <td>gineering controls in place?</td> <td>☐ Yes ☐No</td>	 Will the project affect the institutional or eng Explain: 	gineering controls in place?	☐ Yes ☐No
E.2. Natural Resources On or Near Project Site a. What is the average depth to bedrock on the project site? b. Are there bedrock outcroppings on the project site? If Yes, what proportion of the site is comprised of bedrock outcroppings? % c. Predominant soil type(s) present on project site: Pardon samely loam -PnB, PnC, PnD Chariton loam ChE A % d. What is the average depth to the water table on the project site? Average: 1.5 to 2.5 feet e. Drainage status of project site soils. Moderately Well Drained: % of site B ordy for site B ordy for site Q -Dordy Drained % of site Q -Dordy Drained % of site Q -Dordy Drained % of site Q -Are there any unique geologic features on the project site? I -D'S's: 0 % of site Q -Are there any unique geologic features on the project site? I -Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? <i>i</i> -Doe any defaultads or other waterbodies adjoin the project site regulated by any federal, state or local ageney? <i>i</i> -D			
E.2. Natural Resources On or Near Project Site a. What is the average depth to bedrock on the project site?			
a. What is the average depth to bedrock on the project site?	E.2. Natural Resources On or Near Project Site		
b. Are there bedrock outcroppings on the project site?% UYes No if Yes, what proportion of the site is comprised of bedrock outcroppings?% c. Predominant soil type(s) present on project site: Paxton sandy loam -PnB, PnC, PnD Charlton loam ChE Charlton Charlteld complex CrO4 % d. What is the average depth to the water table on the project site? Average:15225 feet e. Drainage status of project site soils: Well Drained:% of site % of site % of site % of site % of site g. Are there any unique geologic features on the project site? If 00 % of site % of site g. Are there any unique geologic features on the project site? If Yes <u></u> No ponds or lakes)? <i>i</i> . Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, <i>ponds or lakes</i>)? <i>i</i> . Doe any wetlands or other waterbodies adjoin the project site? If Yes cell short features. <i>i</i> . Does any portion of the roject site? <i>i</i> . To ease it dentified regulated wetland and waterbody on the project site regulated by any federal, state or local agency? <i>i</i> . For each identified regulated wetland and waterbody on the project site, provide the following information: • Strams: Name Classification • Wetland No. (if regulated by DEC) • Are any of the above water bodies and basis for listing as impaired: • Wetland No. (if regulated Ploodway? <i>i</i> . Is the project site in a designated Floodway? <i>i</i> . Is the project site in the 100-year Floodplain? <i>i</i> . Is the project site in the 500-year Floodplain? <i>i</i> . Strame of impaired water body: has is for listing as impaired: <i>i</i> . Strame of impaired water body: Ploodplain? <i>i</i> . Strame of aquifer:	a. What is the average depth to bedrock on the project	site? >5 feet	
c. Predominant soil type(s) present on project site: Parton sandy Leam - PhB, PhC, PhD Charlton-Lohafted complex CrC Charlton-Charlted complex CrC Charlton-Charlton-Charlted complex CrC Charlton-Charlton-Charlted complex CrC Charlton-Charlt	b. Are there bedrock outcroppings on the project site? If Yes, what proportion of the site is comprised of bed	rock outcroppings?%	☐ Yes ∑ No
d. What is the average depth to the water table on the project site? Average:15 to 2.5 feet e. Drainage status of project site soils: Well Drained:% of site% of s	c. Predominant soil type(s) present on project site:	Paxton sandy loam - PnB, PnC, PnD Charlton loam ChE Charlton-Chatfield complex CrC	88 % 8 % 4 %
e. Drainage status of project site soils: Well Drained: 100 % of site % of s	d. What is the average depth to the water table on the	project site? Average: <u>1.5 to 2.5</u> feet	
Image: Section of the section of proposed action site with slopes: 0 -10%: 40 % of site Image: Section of proposed action site with slopes: 0 -10%: 40 % of site Image: Section of proposed action site with slopes: 0 -10%: 30 % of site Image: Section of proposed action site with slopes: 0 -10%: 30 % of site Image: Section of the project site with slopes: 10-15%: 30 % of site Image: Section of the project site with slopes: 10-15%: 30 % of site Image: Section of the project site with slopes: 10-15%: 30 % of site Image: Section with slopes: 10-15%: 30 % of site Image: Section with slopes: 10-15%: 30 % of site Image: Section with slopes: 10 argue: Section with slopes: 10 argue: Section with slopes: Image: Description of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? If Yes Image: Yes Image: Section wetlands or waterbodies adjoin the project site? Image: Yes Image: Section Secti	e. Drainage status of project site soils: 🗸 Well Draine	d: 100 % of site	
□ Poorly Drained % of site f. Approximate proportion of proposed action site with slopes: □ 0-10%: _40 % of site □ 10-15%: _30 % of site □ 115% or greater: _30 % of site □ 115% or greater: _30 % of site □ 115% or greater: _30 % of site □ □ 115% or greater: _30 % of site □ □ □ □ □ If Yes, describe: □ □ □ □ □ □ □ □ □ □ In Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? □ <t< td=""><td>Moderately</td><td>Well Drained:% of site</td><td></td></t<>	Moderately	Well Drained:% of site	
f. Approximate proportion of proposed action site with slopes:	Description Poorly Drain	ned% of site	
ID-15%: 30 % of site g. Are there any unique geologic features on the project site? If Yes, describe: If Yes, describe:	f. Approximate proportion of proposed action site with	h slopes: $\square 0-10\%$: <u>40 % of site</u>	
g. Are there any unique geologic features on the project site? \begin{bmatrix}{llllllllllllllllllllllllllllllllllll		$\boxed{10-15\%:} \qquad \underline{30\%} \text{ of site}$	
in Test describe: h. Surface water features. i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? iii. Do any wetlands or other waterbodies adjoin the project site? iii. Do any wetlands or other waterbodies within or adjoining the project site regulated by any federal, state or local agency? iv. For each identified regulated wetland and waterbody on the project site, provide the following information: • Streams: Name • Wetlands: Name • Wetland so. (if regulated by DEC)	g. Are there any unique geologic features on the proje	ct site?	☐ Yes Z No
h. Surface water features. i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? IVes[No <i>ii.</i> Do any wetlands or other waterbodies adjoin the project site? IVes[No If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i. IVes[No <i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? IVes[No <i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following information: Classification • Streams: Name Classification • Wetlands: Name Classification • Wetlands: Name Approximate Size • Wetlands: Name IVes [No <i>i.</i> Is the project site in a designated Floodway? IVes [No <i>i.</i> Is the project site in the 500-year Floodplain? IVes [No <i>i.</i> Is the project site in the 500-year Floodplain? IVes [No <i>i.</i> Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? IYes [No <i>i.</i> Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? IYes [No	11 Tes, desenve.		
in Normace water bedates: □Yes ☑No i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? □Yes ☑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. ☑Yes ☐No iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑Yes ☐No iv. For each identified regulated wetland and waterbody on the project site, provide the following information: IYes ☐No • Streams: Name Classification • Wetlands: Name Classification • Wetlands: Name Approximate Size • Wetlands: Name □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 500-year Floodplain? □Yes ☑No i. Is the project site in the 500-year Floodplain? □Yes ☑No i. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? □Yes ☑No i. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? □Yes ☑No	h Surface water features		
<i>ii.</i> Do any wetlands or other waterbodies adjoin the project site? □Yes□No If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i. □Yes□No <i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? □Yes□No <i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following information: □Yes□No <i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following information: □Yes□No <i>iv.</i> Streams: Name Classification <i>iv.</i> Eduads: Name Classification <i>iv.</i> Wetlands No. (if regulated by DEC)	<i>i</i> . Does any portion of the project site contain wetland ponds or lakes)?	ds or other waterbodies (including streams, rivers,	□Yes √ No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i. <i>iii</i> . Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? <i>iv</i> . 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 Classification • Wetland No. (if regulated by DEC) • Wetland No. (if regulated by DEC) • Are any of the above water bodies listed in the most recent compilation of NYS water quality-impairedYes ☑No waterbodies? If yes, name of impaired water body/bodies and basis for listing as impaired: i. Is the project site in a designated Floodway? j. Is the project site in the 100-year Floodplain? k. Is the project site in the 500-year Floodplain? If yes: <i>i.</i> Name of aquifer: <i>i.</i> Name of aquifer:	<i>ii.</i> Do any wetlands or other waterbodies adjoin the pr	roject site?	↓ Yes □ No
 <i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? <i>iv.</i> 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 Wetland No. (if regulated by DEC) <i>w</i> Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired Yes ZNo i. Is the project site in a designated Floodway? <i>Yes</i> ZNo <i>k</i>. Is the project site in the 500-year Floodplain? <i>Yes</i> ZNo Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <i>Yes</i> No 	If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.		
iv. For each identified regulated wetland and waterbody on the project site, provide the following information: • Streams: Name • Lakes or Ponds: Name • Lakes or Ponds: Name • Wetlands: Name • Wetlands: Name • Wetland No. (if regulated by DEC)	<i>iii.</i> Are any of the wetlands or waterbodies within or a state or local agency?	adjoining the project site regulated by any federal,	√ Yes ∟ No
Lakes or Ponds: Name Classification Approximate Size Approximate Size 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 □Yes ☑No waterbodies? If yes, name of impaired water body/bodies and basis for listing as impaired:	<i>iv.</i> For each identified regulated wetland and waterbo • Streams: Name	dy on the project site, provide the following informa Classification	tion:
 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 If yes, name of impaired water body/bodies and basis for listing as impaired: i. Is the project site in a designated Floodway? j. Is the project site in the 100-year Floodplain? k. Is the project site in the 500-year Floodplain? l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? If Yes: i. Name of aquifer: 	• Lakes or Ponds: Name	Classification	
 Wetland No. (if regulated by DEC)	• Wetlands: Name	Approximate S	ize
Waterbodies? If yes, name of impaired water body/bodies and basis for listing as impaired: i. Is the project site in a designated Floodway? J. Is the project site in the 100-year Floodplain? K. Is the project site in the 500-year Floodplain? I. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? I Yes INO If Yes: i. Name of aquifer:	 Wetland No. (if regulated by DEC) v. Are any of the above water bodies listed in the most 	st recent compilation of NYS water quality-impaired	☐ Yes ⊘ No
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 1. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No If Yes: i. Name of aquifer: 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: □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: □Yes ☑No	i. Is the project site in a designated Floodway?		☐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:	j. Is the project site in the 100-year Floodplain?		∐Yes ∑ No
1. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? □Yes ☑No If Yes: . <i>i</i> . Name of aquifer:	k. Is the project site in the 500-year Floodplain?		☐Yes ∑ No
<i>i</i> . Name of aquifer:	l. Is the project site located over, or immediately adjoi If Yes:	ning, a primary, principal or sole source aquifer?	Yes No
	<i>i</i> . Name of aquifer:		

m Identify the predominant wildlife species	that occupy or use the project site:		
Grev Squirrel	American opposum	American Crow	
Bacoon	White-tail deer		
Skupk	Groundhog		
n Does the project site contain a designated	significant natural community?		
If Ves.	significant natural community:		
<i>i</i> Describe the habitat/community (composited)	sition function and basis for designation)		
i. Desende the hadrait community (compos	sition, function, and basis for designation)	•	<u></u>
ii, Source(s) of description or evaluation:			
<i>iii.</i> Extent of community/habitat:			· · · · · · · · · · · · · · · · · · ·
Currently:	a	cres	
 Following completion of project as 	proposed:	res	
• Gain or loss (indicate + or -).	proposed ac	res	
 o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as Yes No endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? If Yes: i. Species and listing (endangered or threatened): Northern Long-eared Bat 			
 p. Does the project site contain any species of special concern? If Yes: i Species and listing: 	of plant or animal that is listed by NYS as	rare, or as a species of	☐Yes ∕ No
. Species and noting			
q. Is the project site or adjoining area current If yes, give a brief description of how the pro	tly used for hunting, trapping, fishing or sl pposed action may affect that use:	nell fishing?	∐Yes Z No
E.3. Designated Public Resources On or N	Near Project Site		
a. Is the project site, or any portion of it, loca Agriculture and Markets Law, Article 25- If Yes, provide county plus district name/nu	ated in a designated agricultural district ce AA, Section 303 and 304? mber:	rtified pursuant to	∐Yes ∑ No
b. Are agricultural lands consisting of highly <i>i</i> . If Yes: acreage(s) on project site?	productive soils present?		☐Yes ⁄ No
<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 ☐Yes☑No Natural Landmark? If Yes: i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature ii. Provide brief description of landmark, including values behind designation and approximate size/extent: 			
d. Is the project site located in or does it adjoint If Yes: i. CEA name: ii. Basis for designation: iii. Designating agency and date:	oin a state listed Critical Environmental An	rea?	∐Yes ∏ No
· · · ·			

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 Commis Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic	☐ Yes☑ No ssioner of the NYS Places?
If Yes: <i>i</i> Nature of historic/archaeological resource: Archaeological Site Historic Building or District <i>ii</i> Name:	
iii 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?	☐ Yes ØNo
 g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: i. Describe possible resource(s): ii. Basis for identification: 	∏Yes ∏ No
 h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes: i. Identify resource: Putnam Trailway, Camarda Park, Muscoot River Rec. Area 	ØYes⊡No
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail etc.): County and local parks	or scenic byway,
iii. Distance between project and resource: <u>1.8 miles</u> .	TVes VINo
 Is the project site located within a designated river corridor under the wind, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: Identify the name of the river and its designation: 	
ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	□Yes □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 The Hamlet at Carmel Assoc. LLC Date 7.19.202 Title Planner for Appli Signature im Miller Associates, Inc.



S.
s.
s.

E.2.o. [Endangered or Threatened Species - Name]	Northern Long-eared Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

2.1 INTRODUCTION

The Hamlet at Carmel Associates, LLC (the "Project Sponsor" or "Applicant"), proposes to develop a 150-unit mixed income/affordable and market rate residential community on a 35.3 acre site located on the east side of Stoneleigh Avenue in the Town of Carmel, Putnam County, New York. The project is referred to as "The Hamlet at Carmel". The development site adjoins the existing Putnam Hospital Center. The location of the site is shown on Figure 2.1-1 and an Aerial Photograph provided as Figure 2.1-2. The site is currently vacant wooded land and is served by public water and sewer service.

Project Background

A senior housing development was previously proposed for the subject property by the Putnam Community Foundation (PFC) as the applicant in the period of 2006 to 2008. That project was known as "The Putnam Community Foundation Senior Housing Project". This former project was the subject of a complete SEQRA coordinated review process, with the Town of Carmel Planning Board acting as lead agency. A SEQRA Findings Statement was adopted by the Town of Carmel Planning Board on December 17, 2008. The Finding Statement considered the relevant environmental impacts, and drew on the facts and conclusions of the Draft Environmental Impact Statement (DEIS) accepted by the Planning Board on August 17, 2007 and the Final Environmental Impact Statement (FEIS) accepted by the Planning Board on November 19, 2008. Due to the 2008 recession, the PFC Senior Housing Project was not developed.

The 2008 approved plan consisted of 120 senior rental housing units, including 48 units in two two-story buildings with basement level parking and 72 units in 18 single-story townhouse style buildings each containing four attached units. A separate community building and recreation area were included in the plan. The 2008 site plan is shown in Figure 2.1-3.

The 2008 site plan included a shared access driveway to Stoneleigh Avenue through the adjoining Putnam Community Hospital property. The access drive through the Putnam Community Hospital property was a plan modification made in response to public and agency comments during the review process. The revised access drive was located at the southern end of the hospital campus and avoided the introduction of impervious surface into New York City Department of Environmental Protection (NYCDEP) watercourse limiting distances. The access reduced impervious surface and disturbance and provided a safer single access instead of two separate driveways for the two facilities.

Project Location and Setting

The approximately 35.3 acres project site is located on the east side of Stoneleigh Avenue, directly south of the Putnam Community Hospital property. The site is currently vacant land and covered by woodlands and a small area of successional old field, and includes an intermittent watercourse. The project site is located on a peninsula of land surrounded by the Croton Falls Reservoir. It is situated on a hillside that slopes upward and to the east from Stoneleigh Avenue before leveling off near the eastern property boundary. The adjacent parcel to the west slopes back down to a point where it forms the shoreline of the Croton Reservoir.

The parcel occupies 0.3 percent of the 10,240 acre Croton Falls Reservoir Basin watershed in New York City's Croton Reservoir System. The western boundary of the project site parallels Stoneleigh Avenue and is approximately 300 feet from the Croton Falls Reservoir to the west.

The Hamlet at Carmel – Expanded EAF 2.1-1

The presence of stone walls on and bordering the project site indicates that it was likely used for agricultural purposes (pasture and/or cropland). There is no development on the site and no easily observed evidence that it contained structures in the past.

The project site is located within the Town of Carmel's R - Residential District. The property is located in a rural residential portion of the Town defined by the nearby Croton Falls Reservoir. Multifamily residential development and medical offices associated with the Putnam Hospital Center are located northwest of the site, across Stoneleigh Avenue.

Current Site Plan

The current Hamlet at Carmel residential plan includes 150 residential rental units, 75 at market rate and 75 mixed income/affordable units. A total of ten 2 to 2.5 story multi-family buildings would be constructed, five in the northern portion of the site and five in the southern portion of the site. The proposed location of internal driveways is essentially the same as in the 2008 site plan, although parking and residential building type and location have been modified. The current site plan is shown in Figure 2.1-4 and the attached Site Plan drawings.

In general, the current residential plan provides a reduced development footprint as compared to the 2008 site plan, since the multiple 4-unit single story buildings in the 2008 plan would be replaced by fewer 2-story buildings with 8 to 20 units, in the current plan. The 2008 site plan would have resulted in approximately 23.9 acres of disturbance and 6.3 acres of impervious surface, whereas the current plan would result in approximately 18.9 acres of disturbance and 5.7 acres of impervious surface, a substantial reduction. A 100-foot building setback from all property lines will be maintained, allowing for vegetated buffers along the eastern and southern property borders. This setback provision in the current site plan improves upon the 2008 plan that did not maintain such a setback.

The residential buildings, both mixed income/affordable and market rate will include a range of 1-bedroom, 2-bedroom and 3-bedroom units. The current plan includes a playground, sports court and gazebo, and a 4,000 s.f. recreational building located north of building 8 (see Site Plan drawings). Recreational and meeting space will also be provided in the residential buildings. A series of four stormwater management basins are proposed in the same locations as the 2008 site plan layout. Landscaping will be provided throughout the development, as shown in the attached Site Plan drawings.

Compliance with Zoning Code

The subject property is located in the R (Residential) Zoning District. From a land use perspective, the proposed action will be compatible with nearby development, which primarily consists of the Putnam Community Hospital, related medical offices and multi-family residential development northwest of the site. Nearby development is limited by the Croton Falls Reservoir.

The proposed residential development, as designed, meets the Town of Carmel Zoning Code bulk and area requirements for an R (Residential) Zoning district. Multi-family dwellings are allowed as of right in the Residential district. The Town of Carmel Planning Board recently granted an interpretation that Chapter 156-28 of the Town Code permits the development of non-age restricted multifamily developments in an R-zone. The use is permitted in the R district with lots that meet specific criteria, including a minimum lot size of 10.0 acres, required setbacks, and availability of municipal sewer and water, among others. The Zoning Code for multifamily development requires 2.0 parking spaces for each residence and the proposed plan

The Hamlet at Carmel – Expanded EAF 2.1-2

provides 300 total spaces including the required number of handicapped spaces Specific zoning requirements applicable to multi-family developments are provided in §156-28.

In 2018 the Town of Carmel Planning Board consultant, Mr. Pat Cleary, prepared a memorandum to the Planning Board explaining the need for multi-family housing in Carmel. The memorandum discussed the current zoning code and its limitations on multi-family housing in the Town. The demographics of the Town of Carmel were discussed including US Census data that shows slowing population growth, especially in the population of persons 35-55 years old, the group most likely to have children. The study discusses declining enrollments in the Mahopac and Carmel Central School Districts. These demographic changes support the need for multi-family housing in the Town, especially affordable housing. According to the memo:

The current residential zoning in Carmel is almost exclusively restricted to single family homes on three acre lots, which does not provide for an array of balanced housing opportunities, particularly entry level housing for young households and transitional housing for divorcees and others in transition.

And,

The provision of multifamily housing can help to meet the Town's housing needs and alter the current demographic trends in the Town of Carmel and Putnam County of an aging population and increase in the number of younger people.

The proposed multi-family residential development, with a mix of mixed income/affordable and market rate units would provide needed housing opportunities in an area of the Town where infrastructure and roadway networks are capable of handling such development. The development of a multi-family residential community on this property is appropriate, given that the environmental impacts have been thoroughly reviewed by the Town of Carmel Planning Board and involved and interested agencies in a coordinated SEQRA review process.

SEQRA Review

As described, a multi-family senior residential development was proposed for this property in the 2006 to 2008 period, and was known as "The Putnam Community Foundation Senior Housing Project". The former project was the subject of a thorough SEQRA coordinated review process, with the Town of Carmel Planning Board acting as lead agency. A SEQRA Findings Statement was adopted by the Town of Carmel Planning Board on December 17, 2008. A copy of the Findings Statement is provided for reference in Attachment A.

The Findings Statement contemplated potential modifications to the approved site plan, stating:

"It is noted that the building locations, footprints, and square footage may be altered as the final plans are developed. If such modifications result in construction activity staying substantially within the same limits of disturbance set forth in this FEIS, with similar impervious surface areas, and no new significant adverse environmental impacts, no further environmental review will be required".

This Expanded Environmental Assessment Form (EAF) evaluates a focused scope of potential environmental impacts for the proposed The Hamlet at Carmel development, based upon discussions with the Town of Carmel Planning Board, as lead agency, and utilizing EAF guidance prepared by the NYSDEC.

The Hamlet at Carmel – Expanded EAF 2.1-3

The review and analysis in this Expanded EAF is provided to support an <u>Amended Findings</u> <u>Statement</u> for the proposed Hamlet at Carmel project, referencing the previous DEIS, FEIS and Findings Statement prepared for the PFC Senior Housing Project (2008).

The currently proposed site plan was reviewed and compared to the 2008 plan and the approved Findings Statement. The following are topics where potential environmental impacts may differ from the 2008 site plan and Findings Statement and therefore require additional review and analysis, including:

- Community Services and Fiscal (including school-age children)
- Transportation

The primary difference between the proposed Hamlet at Carmel development and the 2008 PFC Senior Housing Development relates to population and demographics. The PFC Senior Housing Development was 120 units of age-restricted rental units resulting in no school age children and generally lower population estimates. The Hamlet at Carmel development would provide 150 units of non-age restricted rental units, with a mix of market rate and mixed income/affordable rental rates. These demographic changes could affect the Carmel School District and other community services. These impacts are analyzed in the following sections of the Expanded EAF.

The increase in the number of units from 120 to 150 units for the current site plan increases the anticipated number of vehicle trips generated by the project. The change in building type between the 2008 plan and the current (single story four-unit vs. 2 to 2.5-story buildings with greater than 8 units), also affects project trip generation. Potential transportation impacts for the current plan are analyzed in Section 2.3.

Given the modification to the area of disturbance and impervious surface, the project specific Stormwater Pollution Protection Plan (SWPPP) has been amended by the project engineer. As indicated, the area of disturbance and impervious surface has been reduced as compared to the 2008 plan. In addition, the increase in the number of residential units would also result in an incremental increase in the demand for water and sewer services.

Wetlands and Watercourses

A review of the Findings for the original SEQRA process confirms that no wetlands were found on the site during the previous review. A wetland scientist from Tim Miller Associates re-visited the site on September 23, 2021 and confirmed that this is still the case. The regulated areas on site consist of a series of intermittent watercourses that drain the lower part of the property (primarily during rain events), carrying runoff from the higher elevations to the rock wall along Stoneleigh Avenue. This collected water then filters through the rock wall into the drainage system along Stoneleigh, crossing under the road in several locations and ultimately to the Croton Falls Reservoir. These watercourses have been mapped and confirmed by the New York City DEP. For the most part the channels are wide and poorly defined, but clearly carry flows during and immediately after storm events. No hydric soils or a dominance of hydrophytic vegetation were observed.

Visual Resources

A visual analysis was conducted for the 2008 site plan and is documented in the DEIS. The Findings Statement provided the following conclusions regarding potential visual impacts:

Construction of the project as proposed will remove some 25.3 acres of existing woods and successional field along the back (east) and central portions of the site and replace it with buildings, pavement, and new plantings, thus creating a change to the visual character of the site. The buildings will be situated on the east side and in the central portion of the property along and on the west side of the ridge between two lobes of the Croton Falls Reservoir. Stormwater detention basins will be site further down slope toward Stoneleigh Avenue and near the intersection of the access road with Stoneleigh Avenue.

Given the orientation of the project site on the west side of a ridge, the lack of residences and other visual receptors in the immediate vicinity, the presence intervening woodland vegetation and the variability of the local topography, visibility of the site from local vantage points is notably limited. The potential viewshed of the project site, due to its higher topographic position in the landscape, includes West Shore Drive to the west and Lower Mine Road and Reservoir Road to the east, although the views are also obscured by existing trees. The most direct view to the site is from the Croton Falls Reservoir itself, which provides an open view across the water to the site from the east and west.

The current site plan would result in the clearing of trees and residential development in generally the same area as the 2008 plan but with a smaller footprint (5.0 acres less disturbance) and greater preservation of existing trees at the edges of the development. The current plan would include 2 to 2.5 story multifamily buildings instead of the two-story cottage buildings proposed in the 2008 plan. Therefore, the height of building rooflines at the higher elevations of the property would be greater than the previous 2008 site plan. The DEIS and Findings Statement indicated the proposed building rooflines would be visible from certain vantage points in the vicinity of the site, but mostly softened or obscured by existing vegetation around the development. These conditions would remain with the current site plan.

Architectural plans for the current development have not yet been completed, but will be provided to the Planning Board upon completion.

This Expanded EAF is prepared in accordance with Section 8-0101 of the New York State Environmental Conservation Law and the regulations promulgated by the New York State Department of Environmental Conservation (NYSDEC) thereunder, which appear at 6NYCRR Part 617 (known as the New York State Environmental Quality Review Act, SEQRA).

This document includes the EAF form Parts 1, and supplemental information as Part 3. Part 1 of the EAF Form provides project details and its environmental setting. The Part 3 evaluations provided in this Expanded EAF provide background information, technical studies and analyses of the potential impact categories as may result from the development.







Figure 2.1-2: Aerial Photograph The Hamlet at Carmel Town of Carmel, Putnam County, New York Base Map: Google EarthPro Approx. Scale: 1 inch = 2,185 feet

le 04031 08/08/05 S:04031/Fig 4.8-12.cdr Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418





2.2 COMMUNITY SERVICES AND FISCAL

2.2.1 Demographic Resources

Existing Conditions

As discussed, The Project Sponsor proposes to develop a 150-unit mixed income/affordable and market rate residential community on a 35.2-acre site located on the east side of Stoneleigh Avenue in the Town of Carmel, Putnam County, New York. The project is known as "The Hamlet at Carmel". The development site adjoins the existing Putnam Hospital Center. The location of the site is shown on Figure 2-1. The site is currently vacant wooded land and is served by public water and sewer service.

Project Description

As illustrated in Figure 2-4, the Hamlet at Carmel residential plan includes 150 residential rental units, 75 at market rate and 75 mixed income/affordable units. A total of ten 2-story multi-family buildings would be constructed, five in the northern portion of the site and five in the southern portion of the site.

For the purpose of this analysis the market rate portion of the development is envisioned to include 21 one-bedroom units, 38 two-bedroom units and 16 three-bedroom units. These units are anticipated to rent for \$2,100 to \$3,100 monthly depending upon the number of bedrooms.

The mixed income/affordable component of the development is composed of 17 one-bedroom units, 40 two- bedroom units and 17 three-bedroom units plus one two-bedroom Superintendent unit. According to the NYS Housing and Community Renewal (HCR) funding guidelines the mixed income/affordable units are projected to rent for \$639 to \$2,661 depending upon number of bedrooms, unit size and affordability criteria. The majority of the mixed income/affordable units (76%) will rent for an average of approximately \$1,550. These units will be affordable to residents whose income does not exceed 60% of the Area Median Income (AMI), based upon family size, as established by the Department of Housing and Urban Development (HUD) on an annual basis. A portion of the units (12%) will be affordable to residents whose income does not exceed 30% of the AMI, and an additional 12% will be affordable to residents whose income does not exceed 80 to 90% of the AMI.

Affordable Housing

Affordable housing is provided as a community benefit to provide housing for community service workers, i.e. fire, police, teachers, municipal workers etc. It also enables families starting out to remain in their community prior to purchasing a home and provides housing for others on a limited income.

Currently, HCR has a policy to allow for a preference for Essential workers on a number of the units. The applicant has requested 15% or 12 units have an occupancy preference for essential workers subject to HCR approval.

Eligibility must be established, and is typically based upon the Income Limit guidelines as published by the Housing and Urban Development (HUD) annually. Income Limits are based upon a percentage of the Area Median Income or AMI. In Putnam County, which is part of the

The Hamlet at Carmel 2.2-1

NY HUD Metro FMR Area, the 2021 AMI is \$81,700. This area also considered to be an area of High Housing Cost which provides an adjustment from the income limit being a straight percentage of the AMI. The Income Limits also vary depending upon housing size, calculations are done based on a family size of four persons and adjusted up or down as needed.

Of the 75 units of affordable housing being proposed 57 of the units will be affordable to households whose income is 60% of the AMI, adjusted for High Housing Cost. The 2021 AMI for Putnam County is set at \$81,700, thus a family of four that would be eligible for a unit restricted to a 60% AMI would have an income limit of about \$69,000.

An additional 9 units will have income limits to be affordable to households whose income is between 80-90% AMI. These units will serve households with incomes up to approximately \$99,000.

Demographic multipliers published by the Rutgers University Center for Urban Policy Research (CUPR) were used to project the future population of the proposed Hamlet at Carmel community. Population projections are based upon the geographic region, type of unit, number of bedrooms, and the anticipated rental value. Although there are other published demographic multipliers, the CUPR multipliers are more specific because they are calculated based upon the specifics of geographic location, bedroom count and unit type. The researchers, Burchell and Listoken are considered the experts in demographic projections and the CUPR multipliers are considered the standard in this field of study.

As shown in Table 2.2-1, based upon the nature of this development, the multipliers used to project the population are as follows; three-bedroom units house 3.81 persons per unit, twobedroom units are 2.31 persons per unit and a one-bedroom unit is 1.67 persons per unit. By comparison, 2010 U.S. Census data indicate that the average household size for all housing types in the Town of Carmel is 2.70 persons.

The Hamlet at Carmel 2.2-2
As shown in Table 2.2-1, Based upon the CUPR residential multipliers, approximately 372 persons, including 46 school age children are projected to reside in the Hamlet at Carmel.

Table 2.2-1 Population Projections					
Unit Type	Number of Units	Population Multiplier	Population	School Age Children Multiplier	School Age Population
M	arket Rate Ur	nits		PSAC	
1-BR	21	1.67	35	0.07	1
2-BR	38	2.31	88	0.16	6
3-BR	16	3.81	61	0.63	10
Market Rate Total	75		184		18
М	ixed Income//	Affordable Units		SAC	
1-BR	17	1.67	28	0.08	1
2-BR	40	2.31	93	0.23	9
3-BR	17	3.81	65	1.00	17
2-BR Superintendent Apartment	1	2.31	2	0.23	1
Mixed Income/Affordable Total	75		188		28
TOTAL	150		372		46
Source: Rutgers University Center for Urban Policy Research, June 2006. Table prepared by TMA, 2021.					

2.2.2 Police, Fire and Emergency Services

Police Protection

Existing Conditions

The Carmel Police Department is a "full service" department and participates in many community crime prevention and awareness programs in addition to its normal law enforcement tasks. The department operates 24/7 and has 19 patrol cars, one boat and a canine patrol. The department consists of the patrol division, detective division, a records division, and a seasonal marine division. The Town of Carmel Police headquarters are located at Town Hall at 60 McAlpin Avenue just east of US Route 6 in Mahopac, New York, approximately 4 miles from the project site.

The full-service department presently consists of 35 sworn police officers and eight civilian employees.¹ The Putnam County Sheriff's Department also exhibits a regular presence in the area, as does the New York State Police and Metro-North Police. According to the department website, the Town of Carmel Police Department handled approximately 35,000 calls for service in each year for the past three years 2018, 2019 and 2020.

According to the US Census, the Town of Carmel 2010 population was 34,305 persons. ESRI demographic forecasts indicate this population declined to 34,113 persons by 2020. The current

¹"History of the Police Department." <u>Town of Carmel</u>. Town of Carmel. July 15, 2021. Webpage: www. https://www.ci.carmel.ny.us/police-department/pages/history-of-the-department.

ratio of Town of Carmel police officers (35) to population (34,113) is within the ULI recommended standard of 1 officer to 1,000 persons. The typical response time of the police department, depending on the type of call, call volume, weather conditions and time of day, is from three to thirty minutes.

Sworn personnel are involved in various programs including Crime Prevention, Accident Investigation, STOP DWI, Commercial Vehicle Enforcement, Intelligence, Youth Court and the D.A.R.E. program.

Potential Impacts

The development of 150 housing units on the project site would create a demand for additional police services. Based on planning standards contained in the <u>Development Impact</u> <u>Assessment Handbook</u> published by the Urban Land Institute (ULI), two police personnel should be provided per 1,000 persons. Using this standard, the projected increase of 372 persons from the Hamlet at Carmel has the potential to increase police staffing needs by 0.75 police personnel. The demand for police services is the same for both market rate and mixed income/affordable residents.

As noted, the ratio of Town of Carmel police personnel to population is currently within the standard two police personnel per 1,000 residents suggested in the <u>Development Impact</u> <u>Assessment Handbook</u>. An increase of 372 persons to the 34,113 current population would result in a total population of 34,485 which would remain within the ULI recommended standard without any increase in personnel. Tax revenue generated by the Hamlet at Carmel would be available help to cover any additional expenses as necessary.

Fire Protection

Existing Conditions

The Carmel Fire Department is located at 94 Gleneida Avenue in the Town of Carmel, approximately four miles from the project site. The Department is a fully volunteer organization. Presently, there is a county wide Mutual Aid Agreement in place in Putnam County², which is a plan to allow assistance between all County Fire Departments. The Officer-in-Charge of the fire has the capability to request assistance whenever it is deemed necessary.

There are approximately 50 active members who serve the community by providing Fire, Rescue, Disaster Relief and Emergency Medical Services to anyone in need. The Carmel Fire Department is also dedicated to community service by supporting Scouting organizations of America, supporting other local charities and participating in fireman's parades throughout the region.

The Carmel Fire Department currently operates 3 engines, 1 tanker truck, 1 ladder truck, 2 light duty rescue vehicles, a gator, a rescue trailer and a marine safety vehicle, plus 2 Chiefs' vehicles. These units are staffed by the 50 active volunteer members who respond from a fire station at 94 Gleneida Ave. The station is approximately 4.0 miles (driving distance) from the subject site. The department typically responds to approximately 400 alarms annually. These

The Hamlet at Carmel

²Adam Stiebeling, Deputy Commissioner of Putnam County Bureau of Emergency Services.

alarms consist of structural fires, motor vehicle accidents (MVA's), automatic alarms, vehicle fires, mutual aid, and various other calls for assistance.

Potential Impacts

Calls for fire/medical emergencies from the proposed development would be routed through the emergency 911 system, where dispatchers would notify the Carmel Fire Department. Based upon location, response time to the project site is estimated to be approximately 5 minutes. All proposed buildings would be constructed and all operations would be permitted in accordance with the provisions of the State Fire Prevention Code. Buildings and operations of the development are subject to inspection by the Town Building Inspector. The adequacy of construction materials used, building design and material storage practices, fire flow rates, and water system capacity would be assessed by the Fire Department during the site plan approval process.

The existing Mutual Aid Agreement would ensure that additional fire-fighting and rescue resources are available to the Town of Carmel Fire Department, as required.

As noted above, the Proposed Action would potentially increase the Town's population by 372 persons. Based on planning standards contained in the Urban Land Institute's <u>Development Impact Handbook</u>, it is estimated that 1.65 fire personnel and 0.2 vehicles per 1,000 population is required to serve a new population. The anticipated increase in population of 372 persons could generate a demand for 0.6 additional fire personnel and less than 0.1 additional fire vehicles. The demand for fire protection services is the same for both market rate and mixed income/affordable residents.

The ULI multipliers assume no existing services, thus the actual demand on fire personnel and vehicles is expected to be insignificant.

Emergency Medical Services

Existing Conditions

The Carmel Volunteer Ambulance Corps provides emergency medical services to the site area. The Corps is a New York State-certified agency that provides basic life support ambulance service. The ambulance headquarters are located off at 6 Garrett Place, behind the Carmel Fire Department.

The Carmel Volunteer Ambulance Corps (CVAC) provides emergency ambulance service to the project area. The CVAC currently has 63 active members and typically responds to approximately 1,000 calls for service annually. Based upon these figures, annual average calls per capita equates to 0.03. According to the CVAC website, the corps currently operates 2 ambulances 31-7-1 and 31-7-2. The Corps also has a fully equipped first response vehicle. Each ambulance response is staffed by a crew chief who is a New York State Certified Emergency Medical Technician, and a driver. Most calls have a third crew member, who may or may not be an EMT. The EMT is in charge of patient care decisions, including which hospital the patient is transported to.

The primary hospital serving the project area is Putnam Hospital Center located on Stoneleigh Avenue in Carmel immediately north of the Project site. Putnam Hospital Center is a 164-bed acute care hospital facility. Acute care is a branch of secondary health care where a patient receives active but short-term treatment for a severe injury or episode of illness, an urgent medical condition, or during recovery from surgery. In medical terms, care for acute health conditions is the opposite from chronic care, or longer-term care.

According to the Hospital website, the hospital offers innovative technologies, including robotassisted surgery. The Hospitals specializes in advanced surgical services including orthopedics, spine and bariatric surgery. Other services include, stroke care, a blood management program, cardiac care, psychiatric care including a partial-hospitalization program, maternity care and outpatient physical rehabilitation.

Potential Impacts

Based on planning standards contained in the <u>Development Impact Assessment Handbook</u> published by the Urban Land Institute, 36.5 calls per 1,000 population per year would be the multiplier used to project the increase in Emergency Medical Service (EMS) calls for new development. Based upon the ULI multiplier, the projected 372 residents that are expected to reside at the Hamlet at Carmel could increase EMS calls by 14 annually. The demand for emergency medical services is the same for both market rate and mixed income/affordable residents.

The increase in population from the proposed development is not expected to impact the services or quality of service of the Carmel Volunteer Ambulance Corps. Additionally, the location of the project site, immediately south of the Putnam Hospital Center, and the incorporation of the proposed emergency access road between the development and the hospital is expected to help mitigate any potential impacts on the Ambulance Corps from the Proposed Action. Coordination with EMS providers would occur as individual site plans are reviewed. The Applicant would comply with any reasonable requirements imposed during that review.

The ULI multipliers assume no existing services, thus the actual demand on EMS personnel and vehicles is expected to be insignificant.

Hospital

Based on planning standards contained in the <u>Development Impact Assessment Handbook</u>, four (4.0) hospital beds should be provided per 1,000 persons. Based on this standard, the projected population increase associated with the proposed residential development has the potential to increase the need for beds in hospitals serving the Northern Westchester County area by less than 1.5 beds. This is not considered a significant impact.

2.2.3 Schools

Existing Conditions

The project site is served by the Carmel Central School District. The District includes three K-4 elementary schools, one middle school (grades 5, 6, 7 and 8), and one high school. The Carmel Central School District geographically includes the majority of the Town of Carmel, the Carmel Hamlet Area, portions of the Town of Philipstown and portions of the Town of Kent.

According to information provided by the School District³, enrollments have been steadily decreasing for more than the past 10 years. A study entitled School Age Children, Carmel Central School District Student Enrollment, dated July 14, 2021, was prepared by Tim Miller Associates. The study documents the continued decline in student enrollment and identifies the available capacity to handle an increase in student enrollment.

As of October 2020, 3,979 students were enrolled in the District. Table 2.2-2 below summarizes the current 2020/2021 grade distributions and enrollments of the various schools within the District:

Table 2.2-2 Carmel Central School District (2020-2021 School Year)							
School Grades Served 2014 Enrollment							
Kent Primary School	K-4	378					
Kent Elementary School	K-4	372					
Matthew Patterson Elementary School	K-4	476					
George Fisher Middle School	5-8	1,194					
Carmel High School	9-12	1,410					
TOTAL 3,979							
Carmel Central School District 2021.							

Potential Impacts

As shown in Table 2.2-1, based upon demographic multipliers published by the Rutgers University Center for Urban Policy Research, approximately 46 students are projected to reside in the Hamlet at Carmel residential development. The addition of 46 students to a population of more than 3,900 students represents an increase of less than 1.2 percent. The Carmel CSD has availability in its existing infrastructure to accommodate this increase in student population.

The school budget for the 2021/2022 school year was defeated twice by the residents of the school district. The contingency budget for 2021-2022 school year for the Carmel Central School District totals \$106,836,349. The portion of the budget to be raised through taxation is \$74,686,091 - approximately 70 percent of the budget is met through the property tax levy.

This anticipated increase in student population will not have a significant impact on administrative or capital needs of the district. The School Age Children Enrollment Study referenced above, demonstrates the district's existing facilities have capacity to handle up to approximately 1,000 additional students.

An increase in residential development would result in an increase in the assessed valuation of the School District, which translates into additional school tax revenues. Since the infrastructure and staff resources are already in place, the costs for new students associated with multi-family housing would be minimal. It should also be noted that while market-rate multifamily housing would provide a significant increase in the districts assessed valuation, the ratio of students associated with multifamily housing is low compared to traditional single-family housing - and as such would not over-burden the schools.

³NYS Department of Education BEDS Enrollment Data for Central School District 2019/2020, July 2021.

The Hamlet at Carmel

A review of current school enrollment and school enrollment projections for the next 5 years are included in the School Enrollment Study included as Attachment B. This study indicates continuing declines for the Carmel School District by more than 30% compared to peak enrollments. This substantial declining enrollment trend has the potential to result in excess infrastructure, where the number of students is significantly lower than the enrollment capacity. The potential for the elimination of school clubs, sports teams and other extra-curricular activities will increase as enrollments continue to decline.

School District Costs Associated with the Proposed Project

The provision of affordable housing opportunities is a community benefit that meets the needs of community service workers, police, fire, teachers, nurses, municipal workers etc. It also meets the needs of young families starting out and seniors or others living on a limited income. A well-balanced community provides for the needs of a diversity in population. Currently, HCR has a policy to allow for a preference for Essential workers on a number of the units. The applicant has requested 15% or 12 units have an occupancy preference for essential workers subject to HCR approval.

Based upon the reduced rental or market value of an affordable unit, the assessed valuation and thus the taxes generated by the unit are reduced compared to market rate residential development. The Hamlet at Carmel has been designed to include affordable housing which may not pay the full burden of costs associated with development, and market rate development, which has been provided to increase the overall assessed valuation of the development as a whole, thereby mitigating the reduced taxes paid by the affordable housing.

As already discussed, the Carmel School District has sufficient infrastructure to accommodate the anticipated increase in student population. Any costs to the School District would be related specifically to instruction, which is referred to as marginal cost. District wide, instructional costs are estimated to total \$68,169,209. Since 70 percent of the Budget is to be raised by the tax levy, the portion of the instructional costs to be raised by the tax levy are estimated to total \$47,718,446⁴.

With an enrollment of 3,979 students, the per-student marginal cost to be raised by the tax levy are calculated to be up to \$11,993, (\$47,718,446 / 3,979). This full cost is likely overstated given the small percentage of new students compared to the existing student population. Projected costs to the school district are likely to be approximately \$275,000 to \$550,000 annually based on an estimated 46 students that would reside in the community.

New construction within the School District will result in an increase in assessed valuation in the district, resulting in an increase in tax revenue to the School District. These funds may be used to off-set any increased costs as necessary.

At today's tax rates, the proposed Hamlet at Carmel would generate a total of \$613,357 in annual property revenues to the school district. Thus, the overall impact on the district's budget is expected to be positive, generating between \$60,000 and \$325,000 in tax revenue <u>after</u> <u>covering the cost</u> of educating the students who reside at Hamlet at Carmel. The proposed residential development will generate \$566,272 above current taxes.

⁴Carmel Central School District Adopted Contingency Budget 2021/2022. June 2021

The Hamlet at Carmel

Construction is projected to take 12 to 18 months which is likely to be spread over two school years. The increased student population is also expected to be distributed throughout the grade levels, resulting in an several new students per grade. The multi-year phasing and distribution of students will allow for an additional 46 students to be integrated to the local schools with minimal impact. Conversation with the Business Administrator for the Carmel Central School District indicated absorption of the new students should not present a capacity problem for the school district, particularly in light of the declining enrollment trend the district is experiencing.

2.2.3 Fiscal Resources

Current and Projected Assessed Value

The Hamlet at Carmel development site is contained on the Town of Carmel tax parcel 66.-2-58.

The current assessed value of the total project site is \$1,804,900. According to a review of the 2021 tax bills for the subject parcel, the total annual property taxes generated by the project site and paid to the Town of Carmel are \$8,773. The municipal taxes paid to Putnam County are \$5,468. Thus, the total municipal taxes paid are \$11,542 while the annual property taxes paid to the Carmel Central School District are \$47,085.

Based upon the income value of the market rate townhouse units the market rate portion of the project, is valued at \$16,230,995. Based upon the income value of the affordable residences, the value of the affordable rental apartments is estimated to be \$7,280,681. Using the current 2021 equalization rate of 100 percent, the total Assessed Value of the project used for this analysis is \$23,511,676.

Current and Projected Revenues

Table 2.2-2 compares the revenues generated currently by the property to the revenues to be generated after the Hamlet at Carmel development is complete. Revenues are based on 2021 municipal tax rates and the 2021-2022 tax rate for the Carmel Central School District.

According to the Town of Carmel annual budget, the Town's tax rate includes governmental services, Justice Court, Sewer and water capital expenses, refuse collection, street maintenance, public parking, lighting and parks & recreation.

As presented in Table 2.2-2, at today 's tax rates, annual revenues to the Town of Carmel would be approximately \$261,349. The project-generated annual revenues to Putnam County would be approximately \$71,234 annually.

	Table 2.2-2						
Current & Projected Taxes Generated by Hamlet at Carmel Development							
Hamlet at Carmel Net Increase Betw							
Taxing Authority	Current Taxes (\$)	Projected Taxes	Current & Projected				
		Total (\$)	Taxes (\$)				
Total Putnam County	\$5,468	\$71,234	\$65,766				
Total Town of Carmel	\$11,542	\$261,349	\$249,807				
Total Municipal	\$17,010	\$332,583	\$315,573				
Carmel Central School District	\$47,085	\$613,357	\$566,272				
TOTAL	\$156,465	\$945,940	\$881,845				
Notes: ⁽¹⁾ Tax Rate per \$1,000 of Assessed Valuation.							

Municipal taxes are based upon Town of Carmel 2020/2021 Tax Rates.

Carmel Central School Taxes are for the 2021-2022 Contingency Budget.

As stated earlier, annual revenues to the Carmel Central School District would be approximately \$613,357. The net *increase* between the current tax revenues generated by the site and paid to the School District and the total future project-generated revenues to the school district are projected to be approximately \$566,272.

Table 2.2-2 also indicates the combined net increase in revenues to each jurisdiction, which in total is projected to be more than \$800,000 annually.

Municipal Costs Associated with the Proposed Project

An approximate estimate of costs to the Town of Carmel associated with the Hamlet at Carmel development may be determined by obtaining a reasonable composite of current costs on a per capita basis and multiplying this amount by the anticipated population of the proposed project.

Through a review of the Town's operating budget, the amount of expenditures can be derived and, by dividing the population into the amount of expenditures, an estimate of per capita costs can be determined. To calculate the portion of the per capita cost which is paid for by property tax revenues (as opposed to other forms of income to the Village), the per capita cost is multiplied by the proportion that property tax revenue comprises of the overall income stream.

This generalized methodology estimates the overall costs. The incremental costs which would be applicable specifically to this project are anticipated to be substantially lower. Certain fixed costs would not actually be affected by an increase in population. For example, the Supervisor's salary or the cost of running Town Hall are expenses that are paid by the Town's Budget, but would not be expected to increase based on an increase in population. It is also noted that commercial and other land uses in the Town place demand on the various governmental services which contributes to the per capita costs being overstated. The majority of services provided by the Town would not be directly affected by an increase in population. In this instance, the adopted 2021 municipal budget for the Town of Carmel amounts to \$49,239,061. The total amount to be raised by taxes is \$24,405,122. The tax levy represents 50 percent of the total municipal budget.

According to the US Census data, the 2010 estimated population for the Town is 34,305 persons. Dividing the budget to be raised by taxes by the population, results in an estimated impact to the Town budget of \$561 per capita.

As described earlier, the proposed project would add approximately 372 persons to the population of the Town. Based on a per capita expenditure of \$561, the additional costs to the Town of Carmel are projected to be up to approximately \$208,708. As presented in Table 2.2-2, the revenues to the Town from the proposed Hamlet at Carmel Development would amount to a minimum of \$52,641, thus, the project will result in a net benefit to the Town. The increase in tax revenue to the Town, upon completion of development is projected to increase by \$249,807 compared to existing tax revenues.

Table 2.2-4 presents a summary of the conservatively anticipated revenues compared to an estimate of costs of the proposed Hamlet at Carmel development project. The combined net positive revenues, after considering the generalized costs to the Town and the School District is an annual amount of \$113,978 to all taxing jurisdictions, while providing affordable housing for the community.

Table 2.2-4 Revenue & Cost Summary: Hamlet at Carmel							
JurisdictionProjected Taxes (\$)Projected Costs (\$)Net Tax Revenue							
Town of Carmel	\$261,349	(\$208,708)	\$52,641				
Carmel Central Schools	\$613,357	(\$552,020)	\$61,337				
Total \$874,706 (\$760,728) \$113,978							
Source: Tim Miller Associates, Inc., 2021							

2.2.5 Fiscal Benefits

The project will induce construction employment in the short term. In the long-term, the new resident population would introduce consumer demand for retail and service establishments located within the Town of Carmel, as well as the larger commercial area within the region.

Short Term Employment Opportunities

The construction value of the proposed project would total approximately \$28 million. Construction of the project would require a commitment of person hours of labor, which can be viewed as beneficial to the community, the local economy, and the construction industry with respect to the generation of jobs. Based on labor hour estimates published by the Urban Land Institute, and accounting for secondary employment resulting from the construction, this project would generate 155 full time equivalent jobs in the various construction trades associated with this project.

It is anticipated that a number of construction workers would come from Putnam County and nearby counties in the region. These workers are expected to have a positive impact on existing local businesses that provide such services as food convenience shopping, gasoline, etc.

Local Economy Spending

Future residents would utilize retail, personal service, and other commercial uses located in the project vicinity. Businesses within the project vicinity, especially those located within the Town, would benefit from new resident expenditures. Approximately 30 percent of household income is typically spent on retail goods and services.

A household income ranging from \$69,000 to \$99,000 annually, would be required to afford renting the proposed affordable housing. Using a conservative household income of \$69,000, it is estimated that 75 households would spend more than \$1.5 million annually. A household income of approximately \$125,000, would be required to afford renting the proposed market rate housing, thus the 75 market rate units would generate an additional \$2.8 million in expenditures annually. When combined more than \$4.3 million in sales can be expected. A substantial portion of these expenditures would be made at supermarkets, local convenience stores, apparel stores, restaurants and service businesses such as gas stations and hair salons in the area.

2.3 TRAFFIC AND TRANSPORTATION

Existing Conditions

The subject property has frontage on Stoneleigh Avenue (County Route 35) in the Town of Carmel. Stoneleigh Avenue, a two-lane road that runs generally north-south between US Route 202 and US Route 6, forms the western boundary of the subject property and Putnam Hospital Center (PHC) parcels. The subject site lies to the south of the intersection of Stoneleigh Avenue (CR 35) and Drewville Road (County Road 36), and approximately 2.2 miles north of the intersection of Daisy Lane (Stoneleigh Avenue officially changes to Daisy Lane at the Westchester/Putnam County Border and US Route 202 in Westchester County). The project entrance is approximately 2.2 miles south of US Route 6 which is a major east-west road and the location of local shopping centers. Figure 3.5-1 shows the local road network in the vicinity of the subject site.

The directional distribution is heavier southbound in the weekday morning peak and heavier northbound in the weekday afternoon peak along Stoneleigh Avenue. The reasons for this pattern include the traffic headed south to early morning commuter trains at the Croton Falls Station, to Interstate 684, and to Putnam Hospital Center. This movement is reverse in the p.m. peak hour.

The 2007 DEIS evaluated the operation of nearby intersections to ascertain potential impacts and to identify the mitigation measures required to offset those impacts resulting from the proposed development.

The Traffic Analysis evaluated three intersections:

- 1. Drewville Road (County Road 36) and Stoneleigh Avenue (County Road 35).
- 2. Putnam Hospital Center Main Entrance and Stoneleigh Avenue (CR 35).
- 3. Daisy Lane (Westchester County Road 137) and US Route 202.

The intersection analyses were performed for future conditions both with (Build) and without (No-Build) the project. Both future conditions factored in increased traffic volumes associated with background growth and other proposed developments. The No-Build condition is used as a baseline for comparisons with future conditions resulting from the proposed development.

Traffic counts were taken during February of 2007 to determine the existing level of traffic and the a.m. and p.m. peak hour of traffic volumes. Under existing conditions, all the study intersections performed at level of service D or higher. The 2007 traffic study found that when considering future growth, traffic volume increases would result in a decline in level of service for at least one movement at each intersection under the No-Build Condition. The traffic study found that the additional traffic from the 2008 modified project would not result in a decrease in the level of service of any movement from the No-Build to Build Condition.

Potential Impacts

The proposed Hamlet at Carmel differs from the 2008 PCF Senior Housing Development in that it would be non-age restricted and it would consist of 150 residential rental units, 30 more units than the 2008 plan. The number of vehicle trips generated by the Hamlet at Carmel

development will increase over the proposed 2008 project due to an increase in residential units and a change in the unit type.

Trip Generation

The trip generation rates for the 2008 plan are shown in Table 2.3-1, below.

Table 2.3-1 The Putnam Community Foundation Senior Housing Development Trip Rate Summary					
		Trip R	ates		
	A.M. Weekday Peak Hour Peak Hour				
Land Uses {ITE Code}	IN (Trips/ Unit)	OUT (Trips/ Unit)	IN (Trips/ Unit)	OUT (Trips/ Unit)	
Residential Development					
120 Dwelling Units Senior Adult Housing Attached {252}	0.122	0.149	0.189	0.121	
Trip Generation, Institute of Transportation Engineers, 7th edition, Washington, DC, 2003.					

The vehicle trips estimated to enter and exit the 2008 Senior residential development are shown in Table 2.3-2, below.

Table 2.3-2 The Putnam Community Foundation Senior Housing Development Trip Generation Summary						
Trips						
	A.M. Weekday Peak Hour Hour					
Land Uses	IN OUT Total IN OUT Total (Trips) (Trips) Trips (Trips) (Trips) Trips					
120 Dwelling Units Senior Adult Housing Attached 15 18 33 23 15 38						38
Trip Generation, Institute of Transportation Engineer	s, 7th ed	ition, Was	shington,	DC, 20	03.	

The trip generation rates for non-age restricted attached housing are higher than for senior attached housing, as shown in Table 2.3-3, below.

EAF Part 3 November 29, 2021

Table 2.3-3 The Hamlet at Carmel Trip Rate Summary						
Trip Rates						
	A.M. Weekday P.M. Weekday Peak Hour Peak Hour					
Land Uses {ITE Code}	IN (Trips/ Unit)	OUT (Trips/ Unit)	IN (Trips/ Unit)	OUT (Trips/ Unit)		
Residential Development						
72 Dwelling Units Multifamily low rise {220}	0.112	0.373	0.386	0.226		
78 Dwelling Units Multifamily midrise{221} 0.089 0.255 0.273 0.174						
Trip Generation, Institute of Transportation Engineers, 10th edition, Washington, DC, 2017,						

The vehicle trips estimated to enter and exit the Hamlet at Carmel residential development are shown in Table 2.3-4, below.

Table 2.3-4 The Hamlet at Carmel Trip Generation Summary							
Trips							
A.M. Weekday P.M. Weekday Peak Hour Peak Hour						lay Ir	
Land Uses	IN OUT Total IN OUT (Trips) (Trips) Trips (Trips) (Trips)				Total Trips		
72 Dwelling Units Multifamily low rise {220}	8	27	35	28	16	44	
78 Dwelling Units Multifamily mid rise {221} 6 18 24 21 14 3					35		
Total 150 dwelling units 14 45 59 49 30 79							
Trip Generation, Institute of Transportation Engineers, 10th edition, Washington, DC, 2017.							

The trip generation estimates indicate that the proposed development will result in a total of 59 trips in the peak A.M. hour and 79 trips in the peak P.M. hour.

The trip generation rates are determined by the Trip Generation Manuel (ITE, 10th edition, 2017). The residential trip generation rates do not consider bedrooms per unit, but rather building type. As shown in Table 3.4, the proposed development will have 72 units in multifamily low rise buildings (2-story) and 78 units in mid-rise buildings (2.5 story). The low-rise buildings have a slightly higher trip generation rate (trips per dwelling unit) than mid-rise buildings. The proposed building type is not expected to change, and therefore the related trip generation rates will not change.

The NYSDEC Environmental Assessment Form Handbooks provide thresholds to help determine if a substantial increase in traffic is likely to occur from a proposed activity. According to the Handbook, "It assumes that a project generating fewer than 100 peak hour vehicle trips per hour will not result in any significant increases in traffic.

The Hamlet at Carmel - Expanded EAF 2.3-3

Public Transportation

The project site is located on Route 1 of the Putnam County Area Rapid Transit (PART) bus system. The PART system operates and maintains a stop at the Putnam Hospital Center. Service at the stop is hourly Monday through Friday between 8:00 a.m. and 6:00 p.m. The Brewster rail station is also a stop on Route 1 of the PART system. Future residents at the Hamlet at Brewster may utilize the PART system or work at the Putnam Hospital Center, potentially reducing vehicle trips.

Impact of Covid-19

The 2020 Covid-19 pandemic has altered commuting and shopping patterns, potentially altering traffic patterns and timing long-term. Long-term trends related to the pandemic affecting remote working and resulting traffic conditions are being studied by planning and transportation professionals nationwide. Upwork, a large human resource marketplace completed a survey of over 1000 hiring managers in December of 2020¹. At that time 41.8 percent of the workforce was still working remotely. The survey findings indicate that by 2025 remote workers will be approximately 22 percent of the workforce (36.2 million), as compared to 12 percent of the workforce (19.4 million) prior to the pandemic. This is an 87 percent increase from prepandemic to post-pandemic conditions. These estimates will vary by region, locality and type of work but the trend is towards increased remote work opportunities from pre-pandemic conditions. With such shifts in work and commuting habits, it is likely that less commuter trips will occur during peak traffic periods in the near future.

Existing Traffic Volumes

New York State Department of Transportation data indicates that traffic volumes on US Route 6 in the previous decade were stable or decreasing slightly before the 2020 Covid-19 pandemic as shown in Table 2.3-5.

Table 2.3-5 Average Annual Daily Traffic (AADT)					
Links AADT (Year)					
US Route 6 east of Stoneleigh Avenue (CR 35)	igh 14470 (2011) 14379 (2017)				
US Route 6 west of Stoneleigh Avenue (CR 35) 17498 (2015) 15657 (2018)					
¹ New York State Department of Transportation Traffic Data Viewer July 2021.					

The NYSDOT average annual daily traffic data provided above is for segments of roadway, as shown in Figure 2.3-2. US Route 6 is approximately 2.2 miles north of the project site, and is a major east-west two-lane highway. While average daily traffic on US Route 6 <u>east</u> of Stoneleigh Avenue declined 0.6 percent between 2001 and 2017, the daily traffic west of Stoneleigh Avenue declined 10 percent between 2015 through 2018. This data indicates that local traffic has not increased substantially in the past decade.

¹https://www.businesswire.com/news/home/20201215005287/en/Upwork-Study-Finds-22-of-American-Workforce-Will-Be-Remote-by-2025

Traffic Counts

In order to confirm local existing traffic volumes, traffic counts were collected during peak hours in September 2021 at the intersection of Stoneleigh Avenue and Drewville Road. This intersection is located approximately 2,200 feet (0.41 miles) north of the proposed project entrance and captures northbound traffic traveling to and from the Putnam Community Hospital. The intersection traffic volumes are shown in Table 2.3-6, below.

Table 2.3-6 provides a comparison between the current September 2021 traffic and the counts collected in February 2006 for the original traffic study. The morning peak traffic declined 10.1 percent and the afternoon peak traffic (5.00 to 6:00 p.m.) declined 13.2 percent over that 15 year period. The 3:30 to 4:30 p.m. period appears to be the current peak traffic period, although the volumes have remained relatively stable (a decline of 0.8 percent) since 2006. The decline of traffic during typical commuter periods and the stability of the 3:30 to 4:30 traffic volumes may be the result of declining longer distance commuter traffic and relatively stable traffic to and from the Hospital.

Table 2.3-6 Intersection Peak Hour Traffic Stoneleigh Avenue and Drewville Road							
Intersection Peak Traffic							
Time of Day	2006 ¹	2021 ²	Percent Change				
7:45 to 8:45 am	1060	953	-10.1%				
3:30 to 4:30 pm	1182	1173	-0.8%				
5:00 to 6:00 pm	1191	1034	-13.2%				
¹ February 2006 Count							
² September 2021 Count							

The Hamlet at Carmel will result in an increase in vehicle trips as compared to the estimated trips in the 2007 traffic study. That study found the intersection of Stoneleigh Avenue and Drewville Road operating at a level D or better at that time, and therefore was not an existing problem intersection. NYSDOT data and recent traffic counts at Stoneleigh Avenue and Drewville Road indicate stable or declining traffic volumes near the project site. The proposed Hamlet at Carmel development is not anticipated to result in any significant traffic impacts. Therefore, no mitigation in the form of roadway improvements is proposed.







Figure 2.3-2: Traffic Count Locations The Hamlet at Carmel Town of Carmel, Putnam County, New York Base Map: Putnam County, NY GIS Approx. Scale: 1 inch = 2,035 feet

File 04031 08/08/05 JS:/04031/Fig 4.8-12.cdr Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418 Attachment A

SEQRA Findings Statement -PCF Senior Housing Dev. (2008)



PLANNING BOARD Town Of Carmel ~ Town Hall Mahopac, New York 10541 (845) 628 - 1500

LEAD AGENCY SEQRA FINDINGS STATEMENT

Lead Agency: TOWN OF CARMEL PLANNING BOARD Carmel Town Hall 60 McAlpin Avenue Mahopac, New York 10541 (845) 628-1500 Contact: Mr. Harold Gary, Chairman

December 17, 2008

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- Title of Action: The Putnam Community Foundation, Stoneleigh Avenue, Senior Housing Development
- SEQR Status: Type 1 Action
- Description of Action: The proposed project consists of a mix of 120 senior residential rental units, housed in either multi-family, two story buildings or single family one story attached buildings. A total of seventy-two (72) single-family, attached, condo / townhouse-style rental units would be housed in eighteen (18) single story buildings each containing four units. Forty-eight (48) rental units would be housed in two, two story (with basement level parking), multi-family buildings each containing twenty-four (24) units. A Community Building would include meeting rooms, storage, administrative offices, a library, and a computer room. Recreational facilities proposed would include tennis and bocce courts.
- Location of Action: The project is proposed on two parcels of land located along the east side of Stoneleigh Avenue in the Town of Carmel, Putnam County, New York encompassing approximately 78.4 acres. The first parcel is the Putnam Community Foundation (PCF) 35.2 ± acre parcel of vacant land designated as Town of Carmel Tax Map Parcel #66.-2-58. The second parcel is a 43.2 ± acre parcel of land containing the existing Putnam Hospital Center (PHC). The PHC parcel is designated as Town of Carmel Tax Map Parcel #66.-2-57.
- Lead Agency: Town of Carmel Planning Board Carmel Town Hall 60 McAlpin Avenue Mahopac, New York 10541
- Project Sponsor: The Putnam Community Foundation 2 Route 164, P.O. Box 573 Patterson, NY 12563
- FEIS Accepted: November 19, 2008

1.0 INTRODUCTION

Pursuant to Section 8-0101 et seq. of the Environmental Conservation Law (SEQRA) and 6 N.Y.C.R.R. Part 617, the Planning Board of the Town of Carmel, as lead agency, makes this statement of findings for The Putnam Community Foundation, Stoneleigh Ave., Senior Housing Development. This Findings Statement considers the relevant environmental impacts, and draws upon the facts and conclusions of the Draft Environmental Impact Statement (the "DEIS") accepted by the Town of Carmel Planning Board (the Planning Board) on August 17, 2007, and the Final Environmental Impact Statement (the "FEIS") accepted by the Planning Board on November 19, 2008.

This Findings Statement attests to the fact that the Town of Carmel Planning Board, as Lead Agency, has complied with all of the applicable procedural requirements of Part 617 in reviewing this matter, including but not limited to:

- Coordinated designation of the Planning Board as Lead Agency;
- Issuance of a Positive Declaration by the Planning Board;
- Public Scoping Session and adoption of Scoping Document for the DEIS;
- Preparation of a DEIS by the Project Sponsor; Acceptance of the DEIS by the Planning Board; Filing of the DEIS and a Notice of Completion;
- Establishment of a Comment Period and the holding of a Public Hearing on the DEIS by the Planning Board;
- Consideration of written public comments from agencies and the public; and correspondence between the Applicant and the Involved and Interested Agencies as well as outside organizations;
- Preparation of a FEIS; submittal on August 12, 2008; and 3-month FEIS completeness review by the Planning Board as Lead Agency;
- Acceptance of the FEIS by the Planning Board on November 19, 2008;
- Filing of the FEIS and a Notice of Completion by the Planning Board;
- Establishment of a reasonable period for review of the FEIS by the public and involved agencies prior to adoption of a findings statement. Under SEQR, the required minimum FEIS review period is not less than 10 calendar days. The Notice of Completion for this FEIS was published in the Environmental Notice Bulletin on December 3, 2008 and the Notice along with a copy of the completed FEIS was distributed to all Interested and Involved Agencies on November 24, 2008.
- Preparation and adoption of this Findings Statement by the Planning Board.

This Findings Statement also attests to the fact that the Planning Board has given due consideration to the EIS prepared in conjunction with this action. Further, this Findings Statement contains the facts and conclusions in the EIS relied upon by the Planning Board to support its future decisions and indicate the social, economic and other essential factors and standards which will form the basis for its decisions.

2.0 DESCRIPTION OF THE PROPOSED ACTION

It is proposed to create 120 senior rental housing units on The Putnam Community Foundation property with an access driveway on the existing Putnam Hospital Center (PHC) property to provide access to both the hospital and the proposed senior housing development. The current proposed action involves other amenities and improvements as described in more detail below. It should be noted that the Putnam Community Foundation (PCF) and Putnam Hospital Center

(PHC) are in discussions for the PCF to obtain alternative access to the project site via the PHC property. This resulted in the modification to the project involving the development of a common access driveway, which would serve both the PHC and the subject project.

The common access drive is a modification of the original project, in response to public and agency comments on the DEIS, which was presented in the FEIS resulting from negotiations initiated by the PCF, as the project sponsor. As part of the current proposed action, the shared access would be located at the southern end of the hospital campus and outside of any New York City Department of Environmental Protection (NYCDEP)-identified watercourse limiting distances. In addition to avoiding the creation of impervious surfaces within the limiting distance of a watercourse, the common access would reduce potential land disturbance and erosion impacts attributed to access for both PCF and PHC; and create a safer single access (as compared to separate driveways for PHC and PCF) among other advantages. Not only does the shared access serve two separate uses, but it serves as mitigation to the potential impacts of the originally proposed PCF development (as presented in the DEIS).

If not for the initiative taken by PCF to address DEIS comments on the original proposal, the development of the PCF site would have resulted in a second separate access being constructed onto Stoneleigh Avenue to serve only the senior housing project. It should be noted that the additional parking proposed on the site of the existing hospital (PHC parcel) would have eventually been constructed by PHC to address the hospital's need independent of the development proposed by PCF. When compared to the scenario of two separate driveways for the PCF and PHC properties, the shared access in the modified PCF project reduces impervious surface coverage; enhances traffic safety along a length of road with multiple points of access; and prevents the visual impact of the clearing and road improvements that would be needed to create a separate new driveway. Additionally, this modification allowed the Planning Board and other agencies to consider the effects of adjacent uses in a coordinated environmental review process.

Another change to the project proposed in the DEIS is that the number of units in the two multifamily buildings (Buildings A and B) have been reduced from a total of 64 to 48. This modification was made to accommodate parking under the buildings, which reduces the impervious surface needed for parking; allows covered parking protected from the weather; and easy access to the building elevators. Additional project modifications are described below.

The Current Proposed Action

As set forth in the FEIS, it is proposed to create 120 senior rental housing units on The Putnam Community Foundation (PCF) parcel with an access driveway on the Putnam Hospital Center (PHC) lot to provide access to both the existing hospital and the proposed senior housing development. The Town of Carmel, and therefore the subject site, is located wholly within the watershed of the New York City water supply system.

The proposed project consists of a mix of 120 senior residential rental units, housed in either multi-family, two-story buildings or single family one story attached buildings. A separate community building and recreation area are included in the plan. The residential development will be located on the eastern and central portions of the property where the land is relatively level.

A total of 72 single-family, attached, condo/townhouse-style rental units would be housed in 18 single-story buildings situated along the eastern property line. All of these buildings would

contain four attached units. The units would house residences with two conceptual elevations, a single distinct floor plan with a variety of amenities. Each unit would include a patio or deck in the rear of the unit. The square footage of these units would be approximately 1,520 square feet.

Forty-eight rental units would be housed in two, two-story (with basement level parking), multifamily buildings located in the north central portion of the site. Buildings A and B would each contain 24 (in the FEIS) units with three unique floor plans and a variety of amenities. A common space is situated on the parking level; lounges are depicted on the second floor; while patios and lobbies are proposed for each floor of these buildings. Elevators would transport residents between floors. The square footage of these units would range from approximately 1,235 to 1,395 square feet.

A (in the FEIS) Community Building would be sited to the south of and across the proposed access road from Building B. Uses in this Building could include meeting rooms, storage, administrative offices, a library, and a computer room. The community building would include similar architectural features to those proposed for the dwelling units.

Recreational facilities proposed would include tennis and bocce courts. These uses would be located immediately to the east of the Community Building at the intersection of the internal roadways that provide access to the residences and would be accessible by sidewalk. A gazebo is proposed for the center of the Community Green to be located in the east central portion of the site.

The Proposed Action presented in this FEIS represents a substantial reduction in impacts from the original proposal of 240 housing units and a reduction of impacts when compared to the Proposed Action presented in the DEIS. This fifty percent reduction in the number of units when compared with the original proposal corresponds with reductions in impacts to the resources assessed in each of the categories that follow.

Comments received on the DEIS for the project expressed concerns with the location of the access drive with respect to the Croton Falls Reservoir and the land disturbance and potential erosion associated with the construction of the access drive. These concerns were expressed by the NYCDEP and other commenters. In response to these comments, the project sponsor reached out to the PHC to determine if an alternate access drive could be developed that would mitigate the concerns expressed. It was determined that the PHC had a need to develop a second entrance into their campus in order to provide redundant access and a more direct route between Stoneleigh Avenue and the emergency department for ambulances. The PCF and PHC are in discussions for the PCF to obtain alternative access to the project site via the PHC property via the development of a common access driveway, which would serve both the southern end of the hospital campus and outside of any New York City Department of Environmental Protection (NYCDEP) limiting distances. The construction of the common access driveway across PHC property would also involve less earthwork and related disturbance thereby reducing overall impacts.

Associated with the secondary hospital access drive would be a new parking lot on the PHC property. The parking lot would be located in the southern portion of the parcel between an existing field and the PHC southern property line. The proposed parking area would provide the PHC with an additional 163 parking spaces. This lot will provide the PHC with much needed parking to support the expanded facility.

It should be noted that, while the access road has been relocated as depicted in FEIS plan, the access drive presented on the DEIS plan is an environmentally feasible alternative as mitigation can be put in place to offset all impacts associated with its construction and the runoff from its surface post-development.

Recently Proposed Modifications to the Site Plan

Modified Project Layout

The current proposal, described in the FEIS, is 120 units with a total disturbance of approximately 25.3 acres between the two parcels (PCF and PHC). While the total disturbance is greater than the plan presented in the DEIS, the disturbance on the PCF parcel has been reduced. The increase in overall disturbance results from the additional parking proposed for the PHC parcel. It should be noted that the additional parking proposed on the site of the existing hospital (PHC parcel) would have eventually been constructed to address the hospital's need independent of the development proposed by PCF.

Total impervious surface area under the plan presented herein is 6.7 acres for the PCF parcel, a decrease of 0.2 from the DEIS plan, and 2.1 acres for the PHC parcel. The decrease in impervious surface on the PCF parcel from the plan presented in the DEIS is a result of the relocation of the access drive to eliminate all proposed impervious surfaces from the reservoir buffer zones (limiting distances). The decrease in impervious surface related to the PCF is a key mitigation related to these limiting distances and coordinated access also makes sense from the perspectives of good site planning, reducing the visual effects of development and vehicular access safety.

The impervious surface proposed on the PHC parcel is due to the additional parking and the access road. Unlike the previous plan, this proposal includes a relocated access road, parking below the multi-family, two story buildings that will house 48 units, reconfigured single-family attached residences, a Community Building with parking abutting the recreation area and revised stormwater management system.

The access road was originally proposed via an approximately 2,200-foot long internal road with a connection to Stoneleigh Avenue near the southwestern corner of the project site. This access road could have been built by PCF and operated with impact to the downstream receiving waters. As noted above, the hospital's need for parking would have resulted in the construction of the additional parking on the PHC property with or without the development of the proposed senior housing on the PCF parcel.

However, to address comments received on the original proposal, under the plan modified by PCF as the project sponsor, the access road is located roughly 2,000 feet to the north of the original proposed curb cut on Stoneleigh Avenue. The first 1,050 feet (approximately) of this roughly 2,100-foot main access road is sited on the PHC property as a result of coordination between PCF and representatives of the PHC. The PCF project engineer, in coordination with the hospital, has configured the access road to provide direct access to both the emergency room and the new hospital parking lots on the south end of the PHC property. The incoming and outgoing lanes are split for approximately 100 feet on either side of the property line between the PHC and PCF parcels. Plantings are proposed over roughly half this distance to enhance the entrance into the senior housing development.

If not for the initiative taken by PCF to address comments on the original proposal, the development of the PCF site would have resulted in a second separate access being constructed onto Stoneleigh Avenue to serve the senior housing. The shared access in the modified proposed action reduces impervious surface coverage; enhances traffic safety along a length of road with multiple points of access; and prevents the visual impact of the clearing that would be needed to construct a new driveway.

Another change to the project proposed in the DEIS is that the number of units in the two multifamily buildings (Buildings A and B) have been reduced from a total of 64 to 48. This modification was made to accommodate parking under the buildings, which reduces the impervious surface needed for parking; allows covered parking protected from the weather; and easy access to the building elevators.

Seventy-two single family residences are now proposed compared with 56 under the DEIS plan. The square footage of each of these units is now 1,520 square feet and all eighteen buildings now contain four units. These changes allow for all the single-family units to be built in a very similar configuration to the plan presented in the DEIS and over the same area meaning the disturbance remains the essentially same.

The Community Building has been relocated to a point south of and across the access road from the location originally presented in the DEIS. The new layout provides parking for both the Community Building and the recreation area; the latter was previously accessed by a walking trail only. All components of this community complex in the FEIS plan remain the same size as in the DEIS plan, therefore impacts remain the same.

It is noted that the building locations, footprints, and square footage may be altered as the final plans are developed. If such modifications result in construction activity staying substantially within the same limits of disturbance set forth in this FEIS, with similar impervious surface areas, and no new significant adverse environmental impacts, no further environmental review will be required.

Based on the Town regulations, the development is required to provide a minimum of 203 total spaces for the proposed senior housing development. This includes 1.5 spaces per dwelling unit (120 units) and 1.0 space per 200 square feet of Community Building (approximately 4,480 square feet) as per the Carmel Zoning Code. Handicapped spaces must be provided in accordance with Section 156-42A(9) of the Zoning Code. The Code requires that a minimum of two percent of the total number of parking spaces be designated for handicapped persons.

A total of 245 parking spaces are proposed for the project including: 72 indoor spaces and 72 outdoor spaces (in the driveway) for the condo/townhouse-style units; 54 indoor spaces and 16 outdoor spaces for the multi-family housing units (Buildings A and B); and 18 spaces for the Community Building. A total of 26 additional outdoor spaces would be available at various points along the drives serving the residential units. This provides an average of approximately 1.9 spaces per dwelling unit, excluding the parking set aside for the Community Building.

Contained in FEIS Appendix F and G, respectively, are revised versions of the Wastewater and Water Engineering Reports. Changes to the building layout between the plans presented in the DEIS and FEIS required adjustments to the length and location of the sewer and water lines, which are documented in the two reports.

3.0 STATEMENT OF FACTS AND BASIS FOR CONCLUSIONS

The following is a summary of the relevant areas of concern discussed in the Environmental Impact Statement (EIS), and the mitigation proposed. It is not intended to be a complete list of all adverse impacts discussed, or mitigation proposed in the EIS.

3.1 Soils and Topography

Potential Impacts

The Environmental Impact Statement identified the different soil types on the subject property, and discussed the potential activities that will occur in each different soil type; whether it will remain undisturbed, regraded, revegetated or covered by buildings or other types of impervious surface. Soils on the site were identified using the Soil Survey of Putnam and Westchester Counties. There are three types of soil on the site; Paxton, Charlton and Charlton-Chatfield. With development of the Proposed Action there will be approximately 25.3 acres of soil disturbed all of which will occur on Paxton soils. When complete, approximately 8.8 acres of the 78.4 acres making up the two sites, including 6.7 acres on the 35.2 acre PCF site, will be impervious surface. Roughly 17 acres will be re-vegetated with grass and landscaping and additional area will remain undisturbed, meaning more than one half of the PCF site will be vegetated upon completion of the project. Some subsurface investigations were conducted and verified depth to groundwater noted in the soil survey.

The EIS evaluated the potential impacts that the proposed action would have on the topography and slopes located on the project site. Potential impacts include erosion of slopes during construction, and long-term stability of the slopes after construction has been completed. Over 90 percent of the 35.2 acre PCF site that will be affected during construction will occur on slopes less than 15 percent in grade. PCF site disturbance on slopes greater than 25 percent is limited to less than one percent (0.3 acres); 1.9 acres (approximately four percent) of the PHC containing slopes greater than 25 percent will be disturbed. Due to the depth to bedrock on the project site, blasting is not anticipated

The relocation of the access road and modifications to the proposed layout were implemented into the design to reduce, to the greatest extent practicable, the potential environmental impacts associated with grading and impervious surfaces, to reduce construction costs, and to facilitate use of excavated materials within the project thereby avoiding or minimizing the need to import material to the property. As with all land development projects, the cut materials that are determined to be physically (geotechnically) unsuitable for use during development of the project site will be removed. The cut and fill required for the modified development plan shows that the site earthwork would result in approximately 58,000 cubic yards (cy) of cut and roughly 75,000 cy of fill resulting in approximately 17,000 cy of net import. As the project site planning progresses the Applicant will be encouraged to adjust grades to better balance the cuts and fills associated with the earthwork. In addition, the plan changes eliminate impacts to the Charlton and Charlton-Chatfield Complex soils.

Mitigation Proposed

The USDA identifies the affected soil as possessing potential limitations for development of roads, buildings and excavations due to their characteristics. Such limitations require planning and engineering considerations prior to development. The presence of these constraints does

not mean the land cannot be developed, rather that engineering methods to compensate for soil limitations, such as erosion controls, footing drains or other drainage improvements will be required. These soils are found throughout Putnam County and have successfully sustained development through the use of appropriate design and engineering practices. Soil limitations exist generally in most areas throughout Putnam County and engineering principals are used to develop designs and practices that offset the limitations. These limitations include building on rock, sand, wet soils, steep slopes, etc.

During construction, soils may be subject to increased erosion and sedimentation when the existing surface cover is disturbed during grading operations. In response to specific comments from NYCDEP and others, the development plan for the project was modified to reduce its area of impervious surface within the City regulated limiting distance. The plan was also revised to enhance the effectiveness of erosion control methods to be applied during construction and to improve water quality during and after construction.

An Erosion and Sediment Control Plan, which is an integral component of the Storm Water Pollution Prevention Plan (SWPPP), has been developed for the project to prevent erosion of soils exposed during construction. The proposed soil erosion control features would be installed in accordance with the New York State technical standards for controlling erosion and sediment (New York Standards and Specifications for Erosion and Sediment Control) specified in the New York State Department of Environmental Conservation (NYSDEC) State Pollution Discharge Elimination System (SPDES) General Permits for Stormwater Discharges from Construction Activities (GP-0-08-001 and GP-93-06), and their supplements and appendices, and the Town Carmel Municipal Code. As the construction and development plans are refined during the site plan review phase conducted by the Planning Board and other agencies, the Erosion and Sediment Control Plan will also be refined and further developed.

As detailed in the project-specific SWPPP, construction of the project will be carefully phased, and sequenced, to further control erosion and sedimentation. As specified, the phasing plan will limit the area of exposed soil on the site to a maximum of five acres at any time. Detailed construction sequencing plans have been developed that significantly reduces the potential for erosion from the project sites during construction.

As required by the NYSDEC SPDES General Permit GP-0-08-001, inspections will be conducted by an independent qualified Professional retained by the Applicant to ensure that all erosion and sediment control practices are properly maintained and in good working order. These measures also would be monitored during construction by the NYCDEP, and by representatives of the Town paid for by inspection fees funded by the Applicant pursuant to the Town Code. Also, as require by the Town Code, the Applicant will provide to the Town of Carmel the required maintenance of erosion and sediment control measures and completion of site restoration. As such, the effectiveness of the stormwater facilities will be maintained long term.

Prior to construction, the proposed erosion and sediment control features would be installed according to the Erosion and Sediment Control Plan. As required, these features would be closely monitored, and maintained in effective condition, and left in place until permanent vegetative cover is established. All disturbances of steep slopes would be appropriately stabilized to minimize their erosion potential and ensure their long-term stability.

3.2 Terrestrial and Aquatic Resources

Potential Impacts

The project site consists of northern hardwood forest and successional old fields with no wetlands and five NYCDEP regulated intermittent watercourses. The forest and overgrown fields provide wildlife habitat for a number of common species, including deer, raccoon, opossum, chipmunk and gray squirrel among others. Bird species that selectively reside within smaller woodlands and successional fields would also be present. The woodlands on this site offer a number of cavities for cavity nesting birds and small mammals.

Records of federally or state-listed rare plant species, wildlife species, habitats or significant natural communities were identified for the site or adjacent properties in communication (see correspondence in Appendix B) with the NYSDEC NHP via letter and the United States Fish and Wildlife Service (*SFWS*) via their website. A State listed endangered orchid, large twayblade (*Liparis lilifolia*) was identified by the NHP as being historically present in the vicinity of but not on the project site. In addition, the Eastern small-footed bat (*Myotis leibii*) and a colony of the same were identified as occurring in the Town of Southeast. Later correspondence with the State no longer identified the bat in the vicinity of the subject properties.

No protected wildlife species were identified or observed during numerous field visits and surveys conducted on the project site.

The land subject to grading and development in the proposed project comprises approximately 25.3 acres, along the eastern boundary into the central portion of the PCF site along with the access road and new parking area on the south and along the southwest boundary of the PHC property. Of this area, approximately 16.5 acres on the PCF parcel are proposed to be revegetated and would be available after development as wildlife habitat, albeit altered from its existing condition. The existing vegetative cover and habitat on the balance of the PCF project site (approximately 17 acres) would not be disturbed by the project. These areas would continue to provide habitat for many typical woodland species, although the habitat value would be lessened by the presence of the senior housing development proximate to the remaining habitat.

The proposed construction of the site will alter and reduce wildlife habitat, and this reduction will result in the local loss or displacement of wildlife relying upon that habitat. Wildlife currently using habitat on the project site would relocate to areas with similar habitat off-site. Most wildlife movement from this site would be expected toward the south, east and west (beyond the reservoir) of the property. These areas offer similar habitat and are less densely developed than the areas to the north. There have been no recorded reports that nearby habitats are saturated to their carrying capacities from local, State or Federal agencies that would monitor these conditions, and areas of the site will remain available for local relocation of some individuals.

Many of the interior woodland bird species found on the project site are migratory. Therefore, they have always left the project site during certain times of the year. Most migratory species would adaptively seek other nearby or regionally available environments in response to alterations to on-site habitat. Most of these species would be expected to find alternative habitat in the existing undisturbed woodland areas located in close proximity to the site. The possible displacement of locally common species is not expected to have a regional impact on the population of these species.

After the project development is completed, the composition of the wildlife population on the project site would adjust to final site conditions. Species better able to adapt to open and landscaped environments (such as raccoons, opossum, woodchucks, mice and certain songbirds) would have a greater ability to populate the site in comparison to species that are less tolerant of human activity.

Mitigation Proposed

The most significant modification implemented by the Applicant to protect habitat and reduce overall impacts to vegetation and wildlife is the reduction in the size of the development proposed. The original plan for the site included the development of 240 units of senior rental housing. The current proposal cut the number of proposed units in half. This reduction in the number of units significantly reduces the amount of disturbance required to develop the site.

The proposed site plan minimizes the amount of vegetation to be removed while allowing for the scheduled program of temporary and permanent uses and the need for associated parking and infrastructure. The phased construction of the project is likely to result in the phased movement of wildlife from disturbed areas on the site to undisturbed areas on and off site.

All areas that are not proposed to be impervious surfaces would be re-vegetated, including the western slope of the site. Upon completion of the proposed development, approximately 28.5 acres of the site would be vegetated, combining existing vegetative communities and landscaped areas.

The developed areas of the project site would be landscaped, where possible, to maximize the available wildlife habitat and would employ native, non-invasive vegetation wherever possible. Many species of trees and shrubs chosen for the proposed landscaping would provide forage and nesting sites for birds, and or denning sites for small mammals, while the preserved habitat areas and re-vegetated open space areas would still be used by deer and other adaptive wildlife.

The intermittent watercourse corridors would not be impacted by this proposal. No activities are proposed within and immediately adjacent to the intermittent watercourse and therefore existing surrounding habitat would not be impacted with the exception of the placement of the proposed stormwater basins within roughly 50 feet of the east end of the watercourse. The Applicant is proposing a detailed erosion control and phasing plan to maintain the quality of water and moderate potential effects of stormwater runoff including water temperature. Also proposed is the preservation of the wooded riparian buffers along the intermittent watercourse. This preservation of the established tree canopy will ensure that the surface water temperatures and the soils immediately adjacent to the stream would not change.

3.3 Water Resources

Potential Impacts

The Putnam Community Foundation site is located in New York City's phosphorous restricted Croton Falls Reservoir watershed, part of the City's 2,000 square mile public drinking water supply watershed. Existing phosphorous loads in the Croton Falls Reservoir exceed the Total Maximum Daily Load (TMDL) established by NYSDEC for the reservoir. For these reasons, the NYCDEP, and others, expressed concern about potential adverse impacts on the water supply,

and cited the need for measures to mitigate potential impacts on water quality that could result from the proposed development.

The Proposed Action would result in approximately 8.8 acres of new impervious surfaces (in the form of buildings, parking areas, and roadways) and 25.3 acres of temporary land disturbance on the two parcels that make up the project site. The DEIS disclosed that surface water resources could be adversely impacted from sedimentation during construction of the project, and by post construction changes in the peak rate, volume, and quality of stormwater discharged from the developed site.

As documented in the DEIS and FEIS, potential adverse impacts on surface water resources anticipated from the project are associated with erosion and sedimentation during construction and with post construction changes in stormwater quality and quantity. The EIS identified that surface waters could experience impacts from changes in site hydrology that would increase the rate of stormwater runoff, or from changes to the quality of runoff caused by increased nutrients and sediment. The NYCDEP and others expressed concern about the potential impacts on surface water quality that could result from the proposed development.

The primary tool mandated by the regulatory controls to protect surface water resources is the development, and implementation, of a site-specific stormwater pollution prevention plan (SWPPP). The Putnam Community Foundation SWPPP includes an Erosion and Sediment Control Plan to be implemented during construction to prevent erosion, and sedimentation of on, and off, site surface water resources. The SWPPP also includes a Stormwater Management Plan that specifies practices that will control post construction increases in peak rates of stormwater discharge and in stormwater pollutant loading.

A pollutant loading analysis for the proposed development was included in the DEIS and FEIS and used the pollutant loading coefficient method to meet the requirements of New York City's regulations. The analysis was included in the project specific SWPPP and showed an overall reduction in the post construction mean phosphorus loads that will discharge from the site.

Proposed Mitigation

Various regulatory controls affecting stormwater have been implemented by NYSDEC and NYCDEP. By complying with these, and in some instances exceeding, regulatory controls, the potential adverse impacts would be mitigated.

Under the proposed plan potential impacts on surface water would be mitigated through implementation of the temporary and permanent stormwater treatment practices specified in the SWPPP. Included in the SWPPP are a Erosion and Sediment Control Plan, and a Stormwater Management Plan, that address stormwater runoff quantity and quality. Combined, these measures will prevent erosion and sedimentation and will achieve a significant reduction in post construction increases in phosphorous and other pollutant loads entering the reservoir.

The Operation and Maintenance Plan included in the Putnam Community Foundation SWPPP specifies a schedule for the long-term inspection and maintenance of all stormwater management facilities.

The Applicant notes that the project site's proximity to the Croton Falls Reservoir increases the importance of designing and implementing adequate stormwater management practices. The Applicant has considered this and modified the project by relocating the access drive outside of

the regulated limiting distances; there are no proposed impervious surfaces located within the 300 foot reservoir stem limiting distance.

Due to topography, runoff from a very minor segment of the proposed access drive cannot be directed to the stormwater management basins for treatment. This runoff would be treated by a proprietary subsurface stormwater filter that meets the NYSDEC requirements, and therefore complies with the new enhanced phosphorous removal requirements set forth in GP-0-08-001 and the New York State Stormwater Management Design Manual.

Erosion and Sediment Control

Implementing the proposed sequence of construction and phasing plan included in the Erosion and Sediment Control Plan will further reduce the potential for erosion. The proposed sequencing plan divides construction into six separate phases and will limit the area of disturbed soil at any time, thereby reducing potential impacts associated with erosion, and subsequent sedimentation of on, and off, site water resources. Soil disturbance will be limited to a maximum of five acres at any given time. All disturbed areas will be stabilized in accordance with the New York State Standards and Specifications for Erosion and Sediment Control, April 2005.

To further prevent erosion and sedimentation during construction, the proposed project includes the construction of temporary surface water diversions and temporary sediment basins to control stormwater runoff. The SWPPP also includes a description of other measures proposed to control erosion and prevent sedimentation of water resources during construction. As shown on the construction plans, positive drainage will be established and maintained by the proposed grading of the site.

Stormwater uantity

The proposed increase in impervious surfaces on the project site will result in increases in stormwater volumes; this can not be avoided. The increase in stormwater volume would have a negligible increase in the elevation of the Croton Falls Reservoir, which is mechanically adjusted by the NYCDEP. The stormwater volume is released over a period of time to reduce peak discharges and to allow for water quality treatment with extended detention as required by NYSDEC and NYCDEP. Potential adverse effects resulting from increases in peak rates of stormwater runoff from the proposed development have been addressed by the proposed multiple stormwater management facilities. These facilities were selected, designed, and would be constructed, in accordance with NYSDEC and NYCDEP design guidelines and regulations. Accepted stormwater management techniques address the peak discharge rates of runoff since increases in peak rates can result in downstream flooding, erosion, and stream channel degradation. By reducing the post-development peak discharge rates to below pre-development levels, potential impacts on down-gradient water resources from the effects of flooding, and streambed and bank erosion, have been mitigated.

The proposed construction of the access road, and hospital parking, will necessitate the reconfiguration the three existing stormwater ponds on the southwest portion of the Putnam Hospital Center parcel. The oldest pond is proposed to be relocated. This pond was originally, designed in 1999 and approved by the NYCDEP. The relocated pond will have essentially the same contributing area and will provide the same treatment volume as the previously approved design. The proposed action will result in the enlargement of the two other ponds. These ponds were originally designed in 2006 as a NYSDEC P-1 micropool extended detention basin and as a NYCDEP extended detention basin. The ponds were approved by NYSDEC under GP- 02-01

and by NYCDEP. The drainage area of the two ponds will be increased following development of the site and the ponds will be expanded to provide treatment, and attenuation, of additional stormwater from the proposed parking area and access driveway located in the expanded drainage area.

Stormwater uality

The proposed project requires coverage under the NYSDEC SPDES General Permit for Stormwater Discharges GP-0-08-001. To meet the requirements of GP-0-08-001, the stormwater management practices were designed in accordance with the latest edition of the *ew ork State Stormwater Design Manual*. Further, since the project is located within a TMDL watershed the stormwater facilities designs also satisfy the enhanced phosphorus removal standards set forth in the permit. To meet NYCDEP requirements, the stormwater management system has also been designed to satisfy Section 18-39 of the *Rules and Regulations for the Protection from Contamination, Degradation, and Pollution of the ew ork City Water Supply and Its Sources*.

The EIS included a discussion of winter road and driveway maintenance and the use of deicing compounds, particularly salt, which can have a adverse impact on receiving water quality. The application of road salt on The PCF site would follow strict guidelines in accordance with the State of New York, Office of the Attorney General memo concerning Scientific Guidance on Lower-Phosphorus Roadway De-icers. In addition, to further safeguard water resources, road deicing agents, such as salt, would be stored at the maintenance contractor's facility or elsewhere off-site. The measures proposed to mitigate potential impacts, such as reduced use of road salt and use of non-phosphorus fertilizers for landscape maintenance, will be legally enforced by including them as an operation and maintenance note/condition on the final site plans.

With respect to phosphorous, which is the pollutant of concern in TMDL watersheds, the SWPPP for the project is expected to achieve better than the calculated mean removal efficiencies due to adjunct stormwater treatment practices that have been incorporated into the project design, but not considered in the calculation of post construction stormwater quality. These adjuncts include vegetated filter strips, grass swales, catch basin/drain inlet sumps and the addition of permanent pools in the stormwater basins. The stormwater basin permanent pools would include landscaping capable of removing dissolved phosphorous. Based on these facts, it is common to look at the higher end of the removal rates. Under these rates, the project, as designed, meets the agency's requirements.

3.4 Zoning and Surrounding Land Use

Potential Impacts

From a land use perspective, the Proposed Action will be compatible with surrounding development, which consists of a variety of residential densities similar to the proposed development, and will not result in significant adverse impacts.

The proposed Project, as designed, meets the Town of Carmel Zoning Code bulk and area requirements for a R (Residential) Zoning District. Multi-family dwellings for the elderly are allowed in the Residential District as a conditional use and require a Special Exception Use Permit subject to approval by the Planning Board.

Upon review of the project, the Planning Board referred the Applicant to the Zoning Board of Appeals (ZBA) for an interpretation regarding compliance with § 156-39.B (16) of the code which requires that the project "...site shall be within 2,500 feet of retail and service establishments at the time of its approval." On February 27, 2008, the ZBA determined that the Proposed Action, as designed, complies with this paragraph of the Town Zoning Code.

The Proposed Action may propose a more dense residential use than set forth in the 2000 Draft Comprehensive Plan but the clustered layout of the plan is designed to protect the natural resources located on the site as well as provide a diversity of senior housing options to the Town of Carmel. The Proposed Action also would represent appropriate development in an area where infrastructure and roadway networks are capable of handling such development. Therefore, the proposed project will conform to policies of the Town's Land Use Plan and the 2000 Draft Comprehensive Plan.

In addition, by addressing the stated need for senior housing and helping to maintain the county's population diversity, the project is consistent with the *ision 2* County Master Plan.

The proposed development has been designed to conform with all applicable standards set forth in the Town Code. Therefore no impacts would result.

Mitigation Proposed

In that no significant impacts would result from the development of the Proposed Action, no mitigation is proposed.

3.5 Traffic and Transportation

Potential Impacts

Frontage to the subject site is located on Stoneleigh Avenue (County Route 35) in the Town of Carmel. Stoneleigh Avenue, a two-lane road that runs generally north-south between US Route 202 and US Route 6, forms the western boundary of the PCF and PHC parcels.

The EIS evaluated the operation of nearby intersections to ascertain potential impacts and to identify the mitigation measures required to offset those impacts resulting from the proposed development. The Traffic Analysis evaluated three intersections:

- 1. Drewville Road (County Road 36) and Stoneleigh Avenue (County Road 35).
- 2. Putnam Hospital Center Main Entrance and Stoneleigh Avenue (CR 35).
- 3. Daisy Lane (Westchester County Road 137) and US Route 202.

The intersection analyses were performed for future conditions both with (Build) and without (No-Build) the project. Both future conditions factored in increased traffic volumes associated with background growth and other proposed developments. The No-Build condition is used as a baseline for comparisons with future conditions resulting from the proposed development.

Traffic counts were taken during February of 2007 to determine the existing level of traffic and the a.m. and p.m. peak hour of traffic volumes. Under existing conditions, all study intersections perform at level of service D or higher. When considering future growth, traffic volume increases would result in a decline in level of service for at least one movement at each intersection under the No-Build Condition. With the modified project, no decrease in the level of service of any movement would result from the No-Build to Build Condition.

Under existing conditions, vehicle trips which pass by the proposed project entrance on Stoneleigh Avenue during the a.m. peak hour is 513 and during the p.m. peak hour is 329 vehicle trips. The DEIS traffic analysis for the future conditions without the project (No-Build Condition) found 558 vehicle trips passing the site during the a.m. peak hour and 380 vehicle trips passing the site during the p.m. peak hour. The revised traffic analysis presented in the FEIS showed that trip generation projected by the proposed action would be 33 a.m. peak hour trips, 38 p.m. peak hour trips.

Five years of collision data in the project vicinity were assessed as part of the EIS. A total of 11 collisions were identified during this time period.

Mitigation Proposed

The Proposed Action has been modified in response to comments raised and concerns expressed during the review of the Putnam Community Foundation DEIS. The site access has been moved to create a direct connection between the project site and the Putnam Hospital Center and to share an access with the Putnam Hospital Center. The hospital will retain their existing access and will have the shared access as a second access.

The new site access would provide a direct connection between the hospital and the Putnam Community Foundation site. Traffic volume changes from the DEIS configuration affect only the site and hospital access drive intersections with Stoneleigh Avenue and not other studied intersections. Overall the new access drive configuration presented in the FEIS provides better operation than the DEIS configuration by splitting the hospital traffic between two access points. The proposed access also allows vehicles to travel between the two sites without using Stoneleigh Avenue.

The traffic analysis presented in the EIS documented the level of service for the studied intersections does not decline from the future No-Build Condition to the Build Condition meaning the Proposed Action will not result in significant impacts to the local read network. Therefore, mitigation in the form of roadway improvements is not proposed by the Applicant.

The New York State Department of Transportation (NYS DOT) has included on the Transportation Improvement Program (TIP) three projects in the area:

- 1. Stoneleigh and Drewville Road intersection improvements (County Project)
- 2. Stoneleigh reconstruction Putnam Hospital Center to US Route 6 (County Project)
- 3. US Route 202 and Croton Falls Signal Replacement (State Regional Signal Project)

These improvements are intended to address existing and future traffic issues including those increases resulting from the proposed action at the noted intersections. Based on recent telephone conversations with the NYS DOT, improvement #3 has been completed and numbers 1 and 2 are proposed to be let in November of 2011.

3.6 Community Services and Socioeconomics

3.6.1 Taxes and Demographics

The Applicant is a not-for-profit organization and the project site, which is owned by the Applicant, has a current taxable value of \$0. The project site is tax exempt from Town and County taxes, but does pay special district taxes.

A project specific Senior Housing Market Analysis was developed for the EIS. Approximately 8,800 residents in the Town of Carmel will be age qualified to live in the subject project (age 55 and older) in the year 2008 according to the Study. This category of residents represents almost 25 percent of Carmel's population.

Rents would range from \$750 to \$1,150 depending on the type of unit and the amenities provided.

Potential Impacts

The Applicant proposes a not-for-profit senior rental housing development that would be owned and managed by the Applicant. The project site after development would remain tax exempt resulting in no post-development tax revenues to the Town of Carmel and Putnam County. Residents of the senior housing project, however, would be responsible for Out of District Water and Sewer usage fees at the Town level post development.

The proposed senior housing units are projected to increase the Town's population by 164 persons, when fully occupied. The proposed senior housing units are age restricted units, thus, no school age children are anticipated from the proposed development.

As documented in the EIS, an assessment of the number of potential qualifying households was performed. Households meeting the age restrictions and with sufficient income across Putnam County would total 9,737 in 2008. The project therefore would need to capture 1.2 percent of the age and income eligible households to be fully occupied.

Mitigation Measures

All the units proposed for development meet the New York State Division of Housing and Community Renewal, State Low Income Housing Tax Credit Program (SLIHC) definition of Low Income Housing, which states units must serve households whose incomes are at or below 90 percent of area median income.

The proposed development is to be built to meet the lifestyle needs of this generation's seniors who wish to continue to live near their families and to meet today's demand for senior housing which has and will continue to increase with an expected peak around 2015. Therefore, the proposed project would support current demographic trends through provision of senior housing. As a result, no further mitigation measures are proposed.

3.6.2 Police/Fire Protection/Emergency Medical Services

Police Protection

Potential Impacts

Police protection for the project site would be provided by the Town of Carmel Police Department. The impacts from the proposed action related to police protection would be associated with the increase in the Town's population by 164.

Based on Urban Land Institute (ULI) standards, the project would result in the need for 0.4 additional staff and 0.7 additional vehicles.
Mitigation Measures

The department is currently understaffed according to the Police Chief and ULI standards. As this condition would exist with or without the proposed development and the project will provide the community with important and much needed resources, no mitigation is proposed.

Fire Protection

Potential Impacts

Fire protection for the project site would be provided by the Town of Carmel Fire Department. The impacts from the proposed action related to fire protection would be associated with the increase in the Town's population by 164.

Based on Urban Land Institute (ULI) standards, the project would result in the need for 0.27 additional fire department staff and 0.03 additional vehicles.

The ULI multipliers assume no existing services, thus the actual demand on fire personnel and vehicles is expected to be insignificant.

Mitigation Measures

Due to the lack of significant impacts projected as a result of this project, no mitigation measures are proposed. Additionally as noted, all proposed buildings would be constructed and all operations would be permitted in accordance with the provisions of the State Fire Prevention Code. In addition, all buildings will be protected by fire sprinkler systems.

Emergency Medical Services

Potential Impacts

Emergency Medical Services (EMS) for the project site would be provided by the Carmel Volunteer Ambulance Corps. The impacts from the proposed action related to emergency medical services would be associated with the increase in the Town's population by 164.

Based on ULI standards, a total of 36.5 calls per a population of 1,000 per year would be the multiplier used to project the increase in EMS calls for new development. Due to the nature of the Proposed Action, a senior housing facility, a conservative estimate of 73 calls per a population of 1,000 per year was used to project future EMS calls generated by the proposed project. The multiplier used doubles the standard Urban Land Institute multiplier. The projected 164 residents that expected to reside at development would increase EMS calls by 12 annually.

The ULI multipliers assume no existing services, thus the actual demand on EMS personnel and vehicles is expected to be insignificant.

Mitigation Measures

The location of the project adjacent to the PHC and the direct access between the project and the hospital is expected to help mitigate any potential impacts on the Ambulance Corps.

Due to its location and the lack of significant impacts projected as a result of this project, no mitigation measures are proposed.

3.6.3 Solid Waste

Potential Impacts

Based on ULI standards, the project would be expected to generate 5.74 per month of non-recyclable solid waste and 2.87 tons per month of recyclable materials.

Mitigation Measures

Refuse containers would be centrally located and properly screened to avoid potential visual impacts. Refuse would be collected by private carting companies and transported to the Charles Point Resource Recovery Facility. No further mitigation is proposed.

3.6.4 Water Service

Potential Impacts

Water service for the project is to be provided by Carmel Water District (CWD) #2 per an Out of District Water Service Agreement found in Liber 1598 Pg 413 signed on 7/9/02. CWD #2 is the largest water district in the Town of Carmel, serving approximately 4,400 people. The average daily design flow of the project is 18,000 gallons. CWD #2 is prepared to supply 72,000 gallons per day (gpd) to the proposed project, four times calculated daily usage.

Mitigation Measures

The Applicant has paid \$2,404.01 in past capital charges as well as contributed \$75,000 for the expansion of storage capacity for CWD #2. Water usage fee revenues, in addition to the contribution of \$75,000 from the Applicant to cover water district expansion costs, are expected to address the water costs associated with this development. All work would be done in accordance with the standards and specifications of the Town of Carmel and the Putnam County Department of Health. No impacts to CWD #2 are expected from the proposed project and, as such, no further mitigation is proposed.

3.6.5 Sewage Disposal

Potential Impacts

The wastewater from the site is to be received by Carmel Sewer District (CSD) #8 per the Out of District Sewer Service Agreement. The Proposed Action is expected to generate 14,400 gallons per day (gpd) of sewage, which is five times less than the 72,000 gpd of sewage a day that CSD #8 could receive from the project site as per the Out of Sewer District Agreement. Therefore, the proposed project would place less demand on CSD #8.

Mitigation Measures

The Applicant has paid \$214,115.75 in past capital charges for the use of CSD #8, which was prepared to receive 72,000 gallons of sewage a day from the proposed development through an

Out of Sewer District Agreement. User fee revenues are expected to address the sewer costs associated with this development. All improvements to the municipal sewer system would be done in accordance with the standards and specifications of the Town of Carmel and the Putnam County Department of Health. No impacts to CSD # 8 are expected from the proposed project and, as such, no further mitigation is proposed.

3.6.6 Cumulative Impacts

Potential Impacts

Given the controls on development that have recently been established by the Town, and the fact that the Town has responded satisfactorily to increases in population and housing units over the past years, it is not likely that the cumulative effect of construction of all the proposed and approved developments would be significantly adverse. A minor increase in the built density of the Town of Carmel would occur.

Mitigation Measures

No mitigation is proposed.

3.7 Visual Resources

Potential Impacts

Construction of the project as proposed will remove some 25.3 acres of existing woods and successional field along the back (east) and central portions of the site and replace it with buildings, pavement, and new plantings, thus creating a change to the visual character of the site. The buildings will be situated on the east side and in the central portion of the property along and on the west side of the ridge between two lobes of the Croton Falls Reservoir. Stormwater detention basins will be site further down slope toward Stoneleigh Avenue and near the intersection of the access road with Stoneleigh Avenue.

Given the orientation of the project site on the west side of a ridge, the lack of residences and other visual receptors in the immediate vicinity, the presence intervening woodland vegetation and the variability of the local topography, visibility of the site from local vantage points is notably limited. The potential viewshed of the project site, due to its higher topographic position in the landscape, includes West Shore Drive to the west and Lower Mine Road and Reservoir Road to the east, although the views are also obscured by existing trees. The most direct view to the site is from the Croton Falls Reservoir itself, which provides an open view across the water to the site from the east and west.

Mitigation Measures

The proposed development plan provides for the clustering of facilities and protection of the wooded perimeter as open space, addressing important goals of the Town of Carmel. No aesthetic resources have been identified that would be significantly affected by this project. There would be direct views of portions of the new buildings on the site's hillside from the Croton Falls Reservoir; however the number of viewers from the water would be small. Residential properties in the area would also not be adversely impacted.

The landscaping plan was designed to replace a portion of the tree canopy removed by the development with shade trees, understory trees and flowering shrubs. The plan would also provide evergreen tree buffering, if necessary, to reduce lighting glare at the property line. The lighting plan for the development was designed to provide adequate illumination on all primary roadways and parking areas to minimum light levels for public safety and security and would include light shields where necessary to minimize glare and stray light. Since provisions to preserve the visual character of the site area are part of the project design, as identified above, further mitigation measures are not required.

3.8 Cultural Resources

Potential Impacts

There are no National Register Listed properties located on or within one mile of the project site. Therefore, the proposed project would not result in any significant impacts to historic resources.

A Phase 1A and B Archeological Assessment was conducted for the project site. No resources of cultural import were found.

Proposed Mitigation

No mitigation is proposed.

4.0 ALTERNATIVES

The New York State Environmental Quality Review Act (SEQRA) calls for a description and evaluation of the range of reasonable alternatives to the action, which are feasible, considering the objectives and capabilities of the project sponsor. Alternatives for the Proposed Action that have been analyzed include a "No Action Alternative", an "Alternative Use--Single Family Dwelling Alternative", and a "Reduced Scale Alternative".

4.1 No Action Alternative

The No Action Alternative is the scenario that would occur if no development were to take place on the project site. This is effectively an open space preservation alternative. The site would remain in its current undeveloped state. The No Action Alternative would eliminate the adverse impacts identified in the EIS. However, this alternative would not be consistent with the objectives of the local Zoning Ordinance of Carmel, since it and the Comprehensive Plan have identified these parcels as appropriate for residential development. Considering this project site's suitability for senior residential housing, it makes sense to be consistent with current plans and zoning and move forward with its development.

4.2 Alternative Use--Single Family Dwelling Alternative

An Alternative Use plan, an alternative consistent with site zoning, was also examined in the EIS. This alternative evaluates the development of the project parcel as a seven, single-family lot subdivision. The site plan prepared for this alternative, which shows seven single family homes along with required infrastructure, does not require a special use permit but would

require subdivision of the parcel. This development would result in less overall disturbance to the project site but the disturbance would be distributed across the entire site and not concentrated as with the Proposed Action. Impacts associated with this plan would be reduced in every impact, except in the categories of impervious surfaces within the limiting distance of a NYCDEP regulated watercourse; and the number of school aged children, both of which would be greater under this alternative. However, as this plan eliminates the provision of badly needed senior rental housing, it does not meet the objectives of the Applicant or the County's *ision* 2.

4.3 Reduced Scale Alternative

The Reduced Scale Alternative eliminates all of the single family attached buildings and concentrates all units in six, two story, multi-family buildings located in the central and eastern portions of the project site. This alternative reduces impervious surface area by incorporating parking under the buildings. While the total number of units under this alternative is 24 more than that planned for the Proposed Action, overall site disturbance and associated impacts is reduced. Impacts related to traffic community services and visual quality would be greater under this alternative. This alternative lacks the diversity of housing types and rental ranges that the Applicant is committed to providing to the community and therefore does not meet their objectives.

5.0 ADVERSE ENVIRONMENTAL EFFECTS THAT CANNOT BE AVOIDED IF THE PROJECT IS IMPLEMENTED

The development of the Proposed Action is not expected to result in significant adverse environmental impacts which cannot be avoided. The Proposed Action incorporates a variety of environmentally responsible design and maintenance practices to offset any identified short- or long-term adverse impacts to the maximum extent practicable.

6.0 OTHER ISSUES

6.1 Irreversible and Irretrievable Commitment of Resources

The proposed plan would commit the project site to residential uses and associated infrastructure. Once committed to these uses, the site would be unavailable for other uses for the foreseeable future. The finite resources that would be irretrievably committed by implementation of the proposed action are the materials and energy required for construction and for maintenance of the development afterward. However, given the reduced scale of this development and the provision of senior rental housing, the commitment of resources is not significant.

6.2 Growth Inducing, Cumulative and Secondary Impacts

No significant adverse effects on the area's utilities, community services, or facilities are expected, and no new access to currently inaccessible areas would be created. No adverse effects on area commercial services are expected as a result of the proposed development. In

addition, the increase in resident population anticipated as a result of the proposed project is not expected to induce further residential development in the area.

Additionally, the proposed action would further the objectives of the Town's Comprehensive Plan because of the existing capacity of infrastructure and roadway networks.

6.3 Energy Use and Conservation

Energy consumption would occur during construction and occupancy of the proposed residences. All future buildings and facilities on this site would be designed and built in conformance with the energy conservation regulations of the New York State Energy and Building Codes, at a minimum. This would include the incorporation of low flow plumbing and fixtures. The orientation of buildings would take advantage of solar exposure where possible, and modern heating and cooling systems would be utilized to conserve energy resources.

6.4 Unavoidable Adverse Impacts

Refer to Section 5.0 ADVERSE ENVIRONMENTAL EFFECTS THAT CANNOT BE AVOIDED IF THE PROJECT IS IMPLEMENTED above, for text addressing unavoidable impacts.

7.0 CERTIFICATION OF FINDINGS TO APPROVE

Having considered the Draft and Final EIS and having considered the preceding written facts and conclusions relied upon to evaluate whether the requirements of 6 N.Y.C.R.R. 617.11 have been met and a hard look given, this Statement of Findings certifies that:

1. The Planning Board of the Town of Carmel has carefully and thoroughly weighed and balanced the relevant potential environmental impacts anticipated from the proposed action for The Putnam Community Foundation Senior Housing Development, as modified and set forth in the Environmental Impact Statement, with social, economic and other considerations, and hereby certifies that the requirements of 6 N.Y.C.R.R. Part 617 (SEQRA) and the corresponding SEQRA Regulations have been met.

2. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the proposed action for The Putnam Community Foundation Senior Housing Development, as modified and set forth in the FEIS, avoids or minimize adverse environmental impacts to the maximum extent practicable and that adverse environmental impacts will be avoided or minimized to the maximum extent practicable by incorporating as conditions to the decision those mitigative measures that were identified as practicable.

3. The modified proposed action for The Putnam Community Foundation Senior Housing Development (set forth in the FEIS) are subject to the mitigation measures described in the DEIS, FEIS and set forth in this Findings Statement. These findings are substantiated by the analyses in the DEIS and FEIS, which disclose potential environmental impacts and demonstrates that the potential environmental impacts associated with the action would be mitigated to the maximum extent practicable.

The preceding facts, as documented in the DEIS, the FEIS, and in the public record associated with these proceedings support these findings. After due consideration, the lead agency finds that this revised proposed action for The Putnam Community Foundation Senior Housing

SEQR Findings Statement: Town of Carmel Planning Board The Putnam Community Foundation, Senior Housing Development December 17, 2008

Development set forth in the FEIS will achieve a balance between the protection of the environment and the need to accommodate social, economic and other considerations.

Name of Agency:Town of Carmel Planning BoardName of Responsible Officer:Mr. Harold GarySignature of Responsible Officer:______Title:Planning Board ChairmanDate:______Address of Lead Agency:Carmel Town Hall

Carmel Town Hall 60 McAlpin Avenue Mahopac, New York 10541 Attachment B

Town of Carmel Student Enrollment Report

School Age Children Carmel Central School District Student Enrollment

Town of Carmel, Putnam County, New York

Prepared for: Kearney Realty & Development Group 57 Route 6, Suite 207 Baldwin Place, NY 10505

Prepared by: Tim Miller Associates, Inc. 10 North Street Cold Spring, NY 10516

Submitted: July 14, 2021

School Age Children in Carmel

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1.0 TOWN OF CARMEL ZONING HISTORY

In 2002 the Town of Carmel amended the Zoning for the Town based upon concerns related to overdevelopment including increased traffic, higher cost of Town services, and the sustained growth of the school districts' continuing increase in enrollments. At that time the Town replaced 1-acre and 1.5-acre zoning with a single option for 3-acre single family development as the Town's only residential zone. It was anticipated that up-zoning would solve development pressure, by increasing house prices, by slowing home building and theoretically spurring business growth. Part of the motivation to restrict development was in consideration of protection to the New York Watershed lands which provide New York City's water supply. However, the 3-acre zoning was applied to all residential lands, whether there was municipal water and sewer service available or not.

Having only one residential zone in the entire Town, which requires a minimum of 3 acres for the development of a residential dwelling unit, leaves those with a limited income or more diverse needs unable to find housing within the Town. The Town of Carmel is composed of a diverse population of varying ages and income levels. There is an unmet need to provide housing for entry level homebuyers, millennials just out of college, empty nesters who are preparing for retirement and senior citizens who may prefer to live in a general population community. There are no options for any housing in the Town other than the type of house that belongs on a 3-acre lot. Large lot 3-acre zoning promotes sprawl, requires more infrastructure, and creates isolated neighborhoods that rely solely on automobiles. This is not the most effective measure for providing environmental protection to NY City watershed lands, nor does it meet the needs of the existing population. This type of zoning makes the Town vulnerable to a federal fair housing lawsuit.

2.0 DEMOGRAPHIC ANALYSIS

Table 1 provides a summary of the population and housing statistics for the Town of Carmel. The Table provides a comparison to historic values from 2000 and 2010, compared to current 2020 data and provides a projection to 2025.

As can be seen, although the population had been increasing, the rate of growth which was approximately 7.4 % over the ten years from 2000 to 2010 has slowed to approximately 2.1% over the following decade and is projected to continue to decline. The period between 2010 and 2020 actually show a decrease in overall population. During the same time periods the median age has steadily increased from 37.1 in 2000 to 41.2 in 2010 to 43.7 in 2020 and is projected to continue to increase to 43.8 in 2025. This indicates an aging population. Population aging is influenced by a number of factors. The Town has placed an emphasis on providing housing for its Seniors. Existing homeowners are remaining in their homes. There has been no influx of younger entry level residents. There has been a decline in the ability to own a housing unit based upon the steady increase in housing prices. The housing market in Putnam and northern Westchester has continued to appreciate in value, putting home ownership out of reach for many entry level homebuyers. The percentage of renter occupied units has grown from 14.8 percent to 17.3 percent for residents of the

Town. There has also been a significant migration of young persons out of the Town to other areas in search of rental dwelling units within their budget.

Томп	Tab	le 1 mographic An	alveis	
Year	2000	2010	2020	2025
Total Population	32,997	34,305	34,113	33,570
Median Age	37.1	41.2	43.7	43.8
Number of Households	10,838	11,672	11,753	11,613
% Householder 55+	38.2%	42.1%	53.6%	55.9%
Owner Occupied Housing Units	9,160	9,668	9,715	9,603
Renter Occupied Housing Units	1,678	2,004	2,038	2,010
% Renter Occupied	14.8%	17.2%	17.3%	17.3%
Median Home Value		\$389,200	\$409,404	\$459,448
Average Home Value		\$425,500	\$471,076	\$531,128
Median Household Income	\$77,406	\$99,560	\$106,984	\$112,997
Source: US Census Data, ESRI Der	mographic Fore	casts June 18, 2	021	

Table 2 provides a detailed breakdown of the Town's youngest and older population by age category for the years 2010, 2020 and a projection to 2025.

As Table 2 shows there has been a steady decrease of the school age population and a continued aging of the population. The numbers and percentages of the 0 to 19-year-old population is consistently decreasing, approaching 20% of the total population.

	Table 2					
Р	opulation Trend	ds				
	2010	2020	2025			
Total Population	34,305	34,113	33,570			
Population 0-19	9,424	7,836	7,039			
% Population 0-19	27.5%	23.0%	21.0%			
Population 55+	8602	11,517	12,152			
% Population 55+	25.0%	33.8%	36.2%			
Source: US Census Data, ESRI D	Demographic Fore	ecasts June 18,	2021			

During this same time period the over 55 population grew to increasing percentages of the overall population. The 55 and older population rose from 2010 to 2020 and is expected to continue to increase through 2025 representing more than 12,000 persons and 36.2% of the total population.

This trend is directly related to the emphasis the Town has placed on Senior housing and the lack of entry level housing that would attract families starting out. The current Carmel residential 3- acre zoning exacerbates these demographic trends by failing to provide balanced housing opportunities, especially for young people.

Without an influx of young families, the family-oriented nature of the Town of Carmel and Putnam County will inevitably change. Community priority will shift. Recreation facilities will need to cater to an older population not a family-oriented community. Section 3.0 below discusses the impacts this type of shift is having on the Carmel Central School District enrollment.

3.0 SCHOOL DISTRICT ENROLLMENTS

Areas within the Town of Carmel being considered for Multifamily Development are located primarily in the Carmel Central School District. This study assesses the enrollment trends in the Carmel District based upon historical information and a projection of anticipated demographics.

Student enrollments have been steadily declining in the Carmel CSD for more than a decade. Peak enrollment for the Carmel CSD occurred in 2002/2003 when enrollment was 4,956 students. As shown in Table 3 below, student enrollment has declined every year for the past 18 years. Table 3 illustrates that there hasn't been a single school year since 2002/03 in which the current enrollment wasn't less than the previous school year. Table 3 shows the official New York State Department of Education BEDS¹ count by school year and indicates the decline in the number of students compared to the prior school year.

Enrollments have declined by 16 to 149 students per year each year, with the biggest drop occurring during the most recent school year. This most recent drop could be related to the COVID Pandemic, however there have been four other occurrences where the decline in student enrollment has been 90 students or more. Current 2020/2021 enrollment is 3,830 a reduction of 1,126 students or almost a 23 percent decline compared to peak District enrollments. In 2018 Western Suffolk BOCES prepared a study of enrollment trends in the Carmel Central School District. This study was based upon an analysis of historical enrollment information, following the various student populations through the cohort of grades; in combination with data about new births and new housing starts within the Carmel Central School District. The BOCES Study indicates the reduction in students is expected to continue to 2025 and beyond, with the 2025/2026 enrollment estimated at 3,521 students which represents a 29.4 % decline from the peak enrollment.

The Superintendent for Business in Carmel indicated, that although enrollments have been declining, there has been no discussion for contraction of facilities at this time². The 2021/2022 Carmel School District budget was defeated by residents of the school district in both May of 2021 and again on June 15, of 2021. As a result, the District was compelled to adopt their contingency budget which excludes any Capital purchases from being made in the upcoming school year. Thus, no capital improvements are currently scheduled. It also forces the district to consider elimination of positions that become vacant due to attrition or retirement.

¹ BEDS is an acronym which stands for Basic Education Data System used by the NYS Department of Education.

² Phone call with Carmel Central School District, Superintendent for Business, June 21, 2021.

	Table	3	
Carmel C	entral School I	District Enrollmen	ts
Notos	School Voor	Student	Change from the
Notes	School Year	Enrollment	Previous Year
	1993	4,956	
	98/99	4693	
	99/00	4778	+85
	00/01	4856	+78
	01/02	4931	+75
Peak Year	02/03	4956	+25
	03/04	4857	-99
	04/05	4841	-16
	05/06	4805	-36
	06/07	4783	-22
	07/08	4693	-90
	08/09	4646	-47
	09/10	4630	-16
	10/11	4581	-49
	11/12	4483	-98
	12/13	4423	-60
	13/14	4341	-82
	14/15	4233	-108
	15/16	4192	-41
	16/17	4173	-19
	17/18	4115	-58
	18/19	4040	-75
	19/20	3979	-61
	20/21	3830	-149
Enrollment Decline			-1,126
compared to Peak Year	21/22	2002	00
	21/22	3802	-28
	22/23	3705	-97
l	23/24	3062	-43
	24/25	3582	-80
	25/26	3521	-61
Projected Additional Decline from Current Enrollment	of Education D	TDS Data Basa	-309

			T .1	1. 4			
			lat				
		(Carmel Centra	I School Distri	ct		
,	1		SCHOOL	CAPACITY	I	1	[
		02/03		20/21	25/26		2025
School	Grades	Peak	17/18	Current	Projected	Building	Available
J	Served	Enrollment	Enrollment	Enrollment	Enrollment	Capacity	Capacity
Carmel High School	9 to 12	1,541	1,448	1,410	1,191	1,450	259
George Fischer Middle School	5 to 8	1,601	1,326	1,194	1,090	1,450	360
Matthew Paterson Elementary	K to 4	686	496	476	447	600	153
Kent Elementary	K to 4	594	450	372	418	500	82
Kent Primary	K to 4	534	395	378	375	500	125
	ļ						
Total District Enrollment		4,956	4,115	3,830	3,521	4,500	979
Source: NYS	3 Dept BED	S					

Table 4 shows the utilization of the school districts buildings for select school years. Enrollments for the 2002/2003 peak enrollment year represent the maximum capacity for which the buildings have been used. However, this peak utilization could have involved measures which were atypical to accommodate the 4,956 peak student population. The 2017/2018 school year has been reviewed as a representative year where the enrollment totals 4,115. As shown in Table 4 Building Capacity lies between these two enrollments and is estimated to be 4,500 students for the district. The projected enrollments for the 2025/2026 school year are 3,521 students indicating available capacity of almost 1,000 additional students.

A review of budget data and school enrollment projections for the next 5 to 10 years indicate continuing declines for the Carmel Central School District. This trend has the potential to result in excess infrastructure, where the number of students is significantly lower than the enrollment capacity. Thus, the school district could be forced to consolidate facilities and staff, resulting in school closures along with potential teacher firings. An increase in residential development will result in an increase in the assessed valuation of the District, which translates into additional revenues for the School District. Since the infrastructure and staff resources are already in place, the incremental costs for new students associated with new residential housing would be minimal.

4.0 PROPOSED PROJECTS

There are currently two multifamily housing developments proposed before the Town of Carmel. The first is Hamlet at Carmel a Multifamily Development which includes a total of 150 units. Half of these units are to be market rate rentals and the other half are to be affordable to households whose income ranges from 60% to 90% of the Putnam County Median Income as published by HUD³ on an annual basis.

The second residential development is known as the Fairways and is located off US Route 6. This development is also for 150 units. These units are all market rate rentals and are anticipated to be primarily 2-BR units.

Hamlet at Carmel Multifamily Development

Demographic multipliers published by the Rutgers University Center for Urban Policy Research (CUPR) were used to project the future population of the Hamlet at Carmel development. As shown in Table 5, Demographic multipliers of 1.67 persons were used to project the population for the 1-BR units. A multiplier of 2.31 persons were used to project the population for the 2-BR units. A multiplier of 3.81 persons were used to project the population for the 3-BR units. Demographic multipliers of 0.30, 0.23, and 1.0 students were used to project the school age population of the 1-BR, 2-BR and 3-BR units respectively. The same multipliers were used for both Market Rate and Affordable units based upon the anticipated rental value of the units.

	Ро	Table 5 pulation Proje	ections		
Unit Type	Number of Units	Population Multiplier	Population	School Age Children Multiplier	School Age Population
		Multifamily U	nits		
1 Bedroom	38	1.67	63	0.30	11
2 Bedroom	79	2.31	183	0.23	19
3 Bedroom	33	3.81	126	1.00	34
TOTAL	150		372		64
Source: Rutgers University (Center for L	Jrban Policy R	esearch.		

Based upon the residential multipliers, approximately 372 persons are projected to reside in the proposed housing on Stoneleigh Avenue including approximately 64 school age children.

³ The Federal Office of Housing and Urban Development (HUD) publishes a median income by county each year for the purposed of defining Affordable income limits.

Fairways Multifamily Development

Demographic multipliers published by the Rutgers University Center for Urban Policy Research (CUPR) were also used to project the future population of the Fairways Multifamily development. As shown in Table 6, Demographic multipliers of 2.31 persons were used to project the population for the 2-BR units. A Demographic multiplier of 0.23 students was used to project the school age population.

	Ро	Table 5 pulation Proje	ections		
Unit Type	Number of Units	Population Multiplier	Population	School Age Children Multiplier	School Age Population
	Marke	t Rate Multifa	mily Units		
2 Bedroom	150	2.31	347	0.23	35
TOTAL	150		347		35
Source: Rutgers University	Center for l	Jrban Policy R	esearch.		

Based upon the residential multipliers, approximately 347 persons are projected to reside in the proposed housing at Fairways including approximately 35 school age children.

5.0 CUMULATIVE IMPACT

As discussed in Section 3.0, the Carmel Central School District has seen declining enrollments over more than the past decade. The District is not currently anticipating any reduction in its current facilities. As shown on Table 4, there is available capacity in the district's facilities for approximately 1,000 students.

When combined, the two anticipated multifamily residential developments, are projected to result in less than 100 new students. The available capacity would indicate the Carmel Central School District could handle this type of increase, spread out over the district's schools, without substantial negative impacts.

The most recent School Budget was voted down by residents of the School District. An increase in residential development will result in an increase in the assessed valuation of the District, which translates into additional revenues for the School District. Since the infrastructure and staff resources are already in place, the incremental costs for new students associated with new residential housing would be minimal, thus these proposed developments could result in a positive impact to the School District.

Appendix C

NYS HCR Funding Guidelines

EXHIBIT B-1: HCR MULTIFAMILY FINANCE 9% PROGRAMS

City/Town/Borough: Carmel

County: Putnam

Indicate the requested funding amounts and the proposed length of the corresponding DHCR/HTFC regulatory period. If the amounts listed on this form differ from those indicated in the Underwriting Model, the application will be evaluated based on the amounts requested below. Consult the Multifamily Term Sheets on the HCR website for financing terms and requirements.

Financing Source	Amou	unt Requested	Regulatory Term (Years)
9% Low-Income Housing Credit (LIHTC)	\$	1,430,000	50
State Low Income Housing Credit Program (SLIHC)	\$	396,000	50
Federal Housing Trust Fund Program (FHTF)			
Low-Income Housing Trust Fund Program (HTF)	\$	3,400,000	30
Rural and Urban Community Investment Fund (CIF)			
Supportive Housing Opportunity Program (SHOP)		_	
Public Housing Preservation Program (PHP)			
Middle Income Housing Program (MIHP)			
Housing Development Fund (HDF)			
Senior Housing Program (SENR)			
HOME Program (HOME)			

Project Units per Funding Source

For each permanent funding source (including non-HCR sources), indicate the regulatory term length (if applicable) and the number of existing and/or new construction units to be financed. In the "Exist/Rehab" column, only include existing units that will be rehabilitated or preserved.

		Reside	ential Units	Communit	ty Room Units	Communit	y Service Facility Units	Civ	ic Units	Comm	ercial Units
Funding Source (name)	Regulatory Term (Years)	Exist/ Rehab	New Construction	Exist/ Rehab	New Construction	Exist/ Rehab	New Construction	Exist/ Rehab	New Construction	Exist/ Rehab	New Construction
LIHTC	50		65								
SLIHC	50		74								-
	30		74					-			

For LIHTC/SLIHC Projects:

	Not Applicable	
C	Empire State Supportive Housing Initiative (ESSHI) Projects	
C	Supportive Housing Projects	
D	Housing Opportunity Projects	
TE	NYCHA Seniors First	
E	Public Housing Redevelopment Projects	
E	Public Housing Redevelopment Projects Vital Brooklyn	
/ill the	Public Housing Redevelopment Projects Vital Brooklyn roject elect the Income Averaging minimum set-aside?	No
/ill the p	Public Housing Redevelopment Projects Vital Brooklyn rooject elect the Income Averaging minimum set-aside? rooject bifurcate and/or transfer SLIHC?	No
/ill the p	Public Housing Redevelopment Projects Vital Brooklyn rorject elect the Income Averaging minimum set-aside? rorject bifurcate and/or transfer SLIHC? e be a tenant buy-out plan?	No No No

The Kearney Realty & Development Group, Inc. The Hamlet at Carmel

State Housing Goals

Complete the appropriate box(es) for the State Housing Goal(s) met by the Project. Refer to the RFP for further Housing Goal details. Explanation of how the project meets the Housing Goal: munity Renewal and Revitalization Projects: Projects that address a component ated in the municipality's most recent comprehensive plan, or other municipal approved plan, as demonstrated by one or more of the following: Demonstrate site control of land acquired through Land Banks, established pursuant to Article 16 of New York State Not-for-Profit Corporation Law, in neighborhoods that have experienced a high incidence of abandoned and/or "zombie" properties; Demonstrate the donation of one or more of the project sites from the municipality in which the project is located at either \$0 or \$1 acquisition; Demonstrate the rezoning of, or the granting of a zoning variance/special use permit for, at least one project site necessary to complete the project; •Demonstrate the project municipality has committed capital financing to the project as evidenced in the application sources and uses; A draft commitment for a PILOT for the project (at a level greater than Section 581-A of Real Property Tax Law); Listed as a priority project in the municipality's latest Action Plan; Utilizing a site for the project which has been designated for redevelopment by an Urban Renewal Plan; or, ·Applicant, or its affiliate, has been identified as the Designated Developer for the project by the municipality. Integrated Supportive Housing Projects: Projects that provide permanent supportive housing to one or more special needs populations, and that can show evidence of a service and operating subsidy from a governmental agency, such as Empire State Supportive Housing Initiative (ESSHI). The Hamlet at Carmel (The Hamlet) meets this state housing goal. The Hamlet is located in Census Tract 116.00, which was Housing Opportunity Projects: Family projects in an area of opportunity linked to schools that meet or exceed minimum performance standards and that meet or exceed designated by New York State Homes and Community Renewal (HCR) as a Housing Opportunity Census Tract. Residents of The Hamlet will be enrolled in Carmel Central School District, ranked at the highest level of 4 by the New York State Education other measures of opportunity, including, but not limited to, the rate of poverty, as Department for college, career and civic readiness. Eight (8) units or 10.67% are set aside for households at 30% of AMI. The defined in a list of census tracts published by HCR. At least 10% of the project units average unit size is two (2) bedrooms. must be targeted to and serve households at or below 30% of AMI. Additionally, average unit size must be at least 2 bedrooms. Workforce Opportunity Projects: Projects that propose housing within a safe half-mile walk of frequently occurring public transportation (available 7 days a week on a repetitive, fixed-route schedule that is regular and continuing). lects Advancing State Revitalization and Economic Development Initiatives, ding: owntown Revitalization Initiative Projects: Projects that propose residential and/or mixed-use projects located in Downtown Revitalization initiative plan areas that clearly advance the objectives of an approved Downtown Revitalization Initiative Strategic Investment Plan. Economic Development Projects: Projects specifically endorsed in the Regional Economic Council Strategic Plans that will support the construction and/or rehabilitation of affordable housing. Brownfield Cleanup Program Projects: Projects resulting in the cleanup/redevelopment of property that has been determined to be eligible to participate in the New York State Brownfield Cleanup Program (BCP). The application must propose a plan of finance fully utilizing all BCP tax credits generated from the cleanup/redevelopment of the property. Projects which will be implemented in a neighborhood located in a designated Empire State Poverty Reduction Initiative (ESPRI) locality and coordinated with the ESPRI activities underway. At least 15% of the project units must be targeted to and serve households at or below 30% of AMI. Senior Housing: Projects that allow low-income seniors to live independently in the community. Preference will be given to projects that also meet at least one of the following State Housing Goals: 1) Community Renewal and Revitalization, 2) Workforce Opportunity, 3) Economic Development, or 4) Downtown Revitalization Initiative.

Kearney Realty & Development Group, LLC (Kearney Group) is proud to develop The Hamlet at Carmel (The Hamlet) in the Town of Carmel, Putnam County. The Hamlet is an unprecedented housing development as the first non-age restricted affordable housing development in Putnam County History. The Hamlet is an innovative, mixed-income and Housing Opportunity residential housing development. The Hamlet will advance the New York State Homes & Community Renewal's (HCR) state housing goal by being a Housing Opportunity Project. The Hamlet will consist of five (5) new construction buildings comprising of seventy-five (75) residential units.

The land upon which The Hamlet will be constructed is unimproved and serviced by central water and sewer and is appropriately zoned ("as of right"), in the Residential (R) District.

Kearney Realty & Development Group, Inc. (The Applicant) has site control by way of a 99-year land-lease. Kearney Group has entered into a 99-year land-lease with The Hamlet at Carmel Associates, LLC (The Owner) in which the land lease is assignable to the HDFC. The Owner has ownership by way of deed and purchased the land in December 2014. The site is an excellent location, convenient to shopping centers, banking facilities and a variety of restaurants. Additionally, the site is three (3) miles from the Croton Falls Metro North train station and is adjacent to Putnam Hospital.

The project site underwent a Full Environmental Impact Statement (FEIS) that has been approved by the town of Carmel. The Applicant currently has full site plan approval for 120 senior housing units, including water and sewer approvals. The applicant has since amended the site plan following a collaborative effort between the applicant and the Town of Carmel's Zoning Board of Appeals (ZBA). Historically, interpretations of the zoning code were that non-age restricted multifamily development was not permitted in any zoning district in the Town of Carmel, including the Residential (R) district where the project site is located. However, there were conflictions in the zoning code, which included language that allowed non-age restricted multifamily housing in the Residential (R) district. The applicant, based on their experience in similar municipalities and with the help of legal professionals, formulated a strong legal opinion that non-age restricted multifamily housing was permitted "as of right" in the Residential (R) district; an interpretation which would ensure that the municipality is taking steps to Affirmatively Further Fair Housing. Based on the advisory of the applicant, the Town of Carmel's Zoning Board of Appeals voted unanimously (7-0) in agreement with the applicant's interpretation of the zoning code to allow for non-age restricted multifamily in the Residential (R) district. Following the ZBA's interpretation, the applicant filed an amended site plan with a long form EAF for the site specific SEQRA review for the revised site plan. The Hamlet at Carmel will not only be the first non-age restricted affordable housing development in Carmel, but will also be the first non-age restricted affordable housing development in the entirety of Putnam County.

The Hamlet will bring much needed affordable, workforce housing to Putnam County. Putnam County Pattern for Progress performed a housing cost burden analysis for Putnam County. It was found that 69% of renters in Putnam County are cost burdened (spending 30%-50% of their income on housing) and, furthermore, 37.7% of renters in Putnam County are severely cost burdened (spending 50% or more of their income on housing). Putnam County Housing Corporation recently performed a Housing Needs Assessment in January 2014 which identified a high demand for more affordable housing. "Putnam County is faced with limited choice and an insufficient supply of affordable and market rate rental housing... There is an overwhelming need to develop new affordable housing at all income levels, especially at lower-income levels. Bolstering the supply of housing that is affordable to working class and middle-income households is

critical to building and retaining talent for the local economy." The Hamlet's location makes it an ideal location for affordable housing with a preference for, essential workers, who are rent burdened at a higher-than-average rate. The Hamlet is adjacent to and within walking distance of Putnam Hospital. Subject to approval by HCR's Fair and Equitable Housing Office (FEHO) The Hamlet will include a set-aside of 15% or twelve (12) units for essential workers in accordance with the NYS essential worker's occupancy preference effective May 7, 2021. The essential worker's set-aside will be in accordance with NYS HCR's "List of Essential Workers" which includes: Food Industry Workers, Health Care Professionals, Hotel Workers, Child Care Providers, P-12 School Faculty, Group Living Facilities Staff, Public Transit Drivers, Corrections workers and First Responders and Support Staff. This essential workers preference request is subject to any HCR modifications and FEHO approval.

The Hamlet will comprise of five (5) new construction buildings. Building 1, which is 17,606 square feet, will have four (4) one-bedroom apartments, eight (8) two-bedroom apartments, four (4) three-bedroom apartments. Building 2, which is 8,770 square feet, will have eight (8) two-bedroom apartments. Building 3, which is 17,606 square feet, will have four (4) one-bedroom apartments, eight (8) two-bedroom apartments. Building 3, which is 17,606 square feet, will have four (4) one-bedroom apartments, eight (8) two-bedroom apartments, four (4) three-bedroom apartments. Building 4, which is 24,660 square feet, will have five (5) one-bedroom apartments, four (4) three-bedroom apartments, three (3) three-bedroom apartments, and common facilities. Building 5, which is 23,975 square feet, will have four (4) one-bedroom apartments, ten (10) two-bedroom apartments, six (6) three-bedroom apartments. The Hamlet is designed to provide housing to individuals and families at numerous income levels. Utilizing LIHTC, SLIHTC, and HTF subsidy, The Hamlet will comprise of eight (8) units at 30% of Putnam County Area Median Income (AMI), fifty-seven (57) units at 60% of Putnam County AMI, six (6) units at 80% of Putnam County AMI, and three (3) units at 90% of Putnam County AMI. Of these units, seventeen (17) will be one-bedroom, forty (40) will be two-bedrooms, seventeen (17) will be three-bedrooms, and one non-rent bearing two (2) bedroom apartment for a super-intendent. In addition, The Hamlet will consist of eight (8) mobility adapted apartments and four (4) and io and visually adapted apartments.

The Hamlet will be designed to include high-quality amenities for the residents, which are important compliments to the objectives of the State Housing Goal; Housing Opportunity Projects. The Hamlet will offer; an on-site management office that will be staffed during the week; an on-site superintendent; a large common room for social events; on-site laundry facilities; and interior bike storage. In addition, The Hamlet will offer exterior amenities such as a gazebo, playground, and a patio area with benches. Furthermore, the residents will have access to Wi-Fi throughout the building and broadband internet connections will be available to residents in the common room. The Residents of The Hamlet will also have access to one hundred and forty-nine (149) on-site parking spaces. In accordance with HCR's Design Guidelines, The Hamlet will provide five (5) EV charging stations.

The Hamlet will accomplish the State Housing Goal; Housing Opportunity Projects. The Hamlet is located in Census Tract 116.00, which was designated by New York State Homes and Community Renewal (HCR) as a Housing Opportunity Census Tract. Residents of The Hamlet will be enrolled in Carmel Central School District (CCSD). CCSD is a high-achieving school district, ranked at the highest level of four (4) by the New York State Education Department (NYSED) for college, career, and civic readiness. The college, career, and civic readiness index measures school quality and student success. The indicators included in the index measure how well students are prepared to be involved in activities important to being a productive

citizen. This would be the case whether they plan to attend college or whether they plan to enter the workforce after high school. The quality of CCSD is evidenced by assessment results as presented by different New York State Standardized tests. Students of CCSD scored at a proficient level at high rates; 96% in Regents English; 95% in Regents Algebra I; 89% in Regents Algebra II; 90% in Regents Living Environment; 93% in Regents Earth Science; 100% in Regents Physics; and 93% in Regents U.S. History & Government. Residents of The Hamlet, especially school-age children, will be offered a tremendous opportunity to grow and prosper as a member of the CCSD.

As a Housing Opportunity project, The Hamlet will provide families with much needed affordable housing and better access to job opportunities, while simultaneously giving the children access to healthier living environments and high-quality education.

The Hamlet will help advance the Fair Housing Matters NY initiative, which looks to analyze and address segregated living patterns and housing disparities in New York. This initiative seeks to continue to follow the Obama-era regulations and uphold the Fair Housing Act by working to address the root, historical causes of segregation and housing inequality that harm New York's most vulnerable populations. These regulations include the Affirmatively Furthering Fair Housing Rule, or AFFH, enacted in 2015, that requires states and local municipalities to analyze and develop meaningful actions to reduce segregated living patterns and concentrated areas of poverty, address unequal opportunity in neighborhoods, increase accessibility and strengthen fair housing enforcement. Limitations of where someone can live has profound impacts on an individual's access to quality education, a good job, and adequate healthcare. As a Housing Opportunity Project, located in Putnam County, The Hamlet supplies much needed, affordable, mixed-income, and workforce housing with access to the highly ranked Carmel Central School District and nearby medical facilities.

The residents of The Hamlet will benefit greatly from the partnership with one of the leading not-forprofits in the area of affordable housing, Housing Action Council, Inc. (HAC). HAC, incorporated in 1974, is a not-for-profit organization dedicated to expanding housing opportunities for low and moderate-income households throughout the Hudson Valley. HAC has developed or facilitated the development of over 4,000 affordable housing units in New York State. To date, Kearney Group and/or its affiliates, and HAC have successfully partnered in the construction and management of over three hundred and seventy-five (375) affordable housing units. HAC will work with Kearney Group in establishing linkages to support services, marketing, and qualifying applicants. In addition, Kearney Group and HAC will set aside 15% of the affordable apartments, or twelve (12), apartments for special needs population of individuals or families with physical disabilities/traumatic brain injury.

The Hamlet will benefit from a project team with substantial development and management experience, and an outstanding track record and reputation in affordable housing. The developers, Kenneth Kearney and Sean K. Kearney, President and Vice President, respectively, of Kearney Realty & Development Group, Inc. (Kearney Group), are highly regarded developers with an outstanding regional reputation for quality and integrity. Kearney Group and their affiliates have developed fifteen (15) affordable housing developments and currently manage over one thousand three hundred (1,300) units of affordable and mixed-income housing. Kearney Group will also be responsible for all marketing and rent-up activities, as well as the ongoing management of The Hamlet.

The project architect, A.J. Coppola of Coppola Associates, has designed and completed twenty (20) affordable housing complexes. Mr. Coppola will be responsible for preparation of all design documents and specifications, as well as the oversight of mechanical, structural and site engineering, and will ensure compliance with all NYSHCR Project Design Handbook requirements and code related issues, including compliance with the Americans with Disabilities Act.

The project engineer, Jeffrey Contelmo of Insite Engineering, has experience in all phases of site development, both large and small. The Hamlet's general contractor, Tern Construction & Development, LLC, has built fifteen (15) affordable projects and has an excellent reputation. Tern Construction & Development, LLC will be contracted through a pre-negotiated/fixed-price contract.

The Hamlet's counsel, Melissa Beskid of Cannon Heyman & Weiss, LLP, practices in the area of multi-family finance and real estate development, and focuses his practice in the construction, rehabilitation and financing of affordable housing using tax credits and other subsidy programs.

The Hamlet will be owned by The Hamlet at Carmel Limited Partnership (the "Owner"), the managing general partner of which shall be named The Hamlet at Carmel Associates, LLC, a New York limited liability company, the members and managers will The Hamlet at Carmel Managers II, LLC and JUCCA Company LLC. HAC, through The Hamlet at Carmel Housing Development Fund Company, Inc., a housing development fund company organized under Articles XI of the New York Private Housing Finance Law shall be the co-general partner. Each general partner will own a .005% interest in the Owner. HAC will materially participate in The Hamlet's operations through (i) its agreement to provide referrals to The Hamlet's residents, (ii) integration of The Hamlet's residents into its community programs, and (iii) its right, as co-general partner of the Owner, to consent to selection of The Hamlet's management agent.

The Applicant, Kearney Group, and its affiliates and subsidiaries, have ample capacity to successfully develop the Hamlet. Currently, Kearney Group and its affiliates and subsidiaries, have two developments under construction. Copper City Lofts and The Woods at Pawling, both of which were recently funded through HCR's Fall 2020 funding round, are anticipated to begin construction in Fall of 2021. Kearney Group and its affiliates have the capacity to successfully manage six active HCR funded developments at any given time.

In keeping with Kearney Group's commitment for sustainable development, The Hamlet will be fully compliant with NYSERDA's New Construction – Housing Program, NYSERDA compliant, and LEED certified. In addition, The Hamlet has contracted with a benchmarking firm to provide annual benchmarking data. The cost of the benchmarking service is included in the operating budget.

Sources of construction financing for The Hamlet are anticipated to consist of: (i) a construction loan from Sterling Bank in the amount of \$16,400,000; (ii) tax credit in the amount of \$6,922,306, raised from the syndication of LIHTC; (iii) tax credit in the amount of \$1,373,361, raised from the syndication of SLIHTC; (iv) deferred developer fee in the amount of \$3,246,252; and (v) unfunded reserves of \$289,067.

Sources of permanent financing for The Hamlet are anticipated to consist of: (i) a permanent loan from Sterling Bank in the amount \$7,350,000; (ii) tax credit in the amount of \$13,844,613, raised from the syndication of LIHTC; (iii) tax credit in the amount of \$2,746,722, raised from the syndication of SLIHTC; (iv) Low-Income Housing Trust Fund in the amount of \$3,400,000; (v) deferred developer fee in the amount of \$814,651; and (vi) NYSERDA funding in the amount of \$75,000.

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EXHIBIT B-3: PROJECT SUMMARY

feet type (select an that appin)		Project Us	e (select all that apply)	is the project subject to:	
New Construction Adaptive Reuse	Preservation	Resident	ial	Davis-Bacon wage rates?	No
	Supportive Housing	Commu	nity (Service) Facility	Section 3 requirements?	No
	_ Supportive Housing	Civic		Section 504 requirements?	No
Occupied Rehabilitation		Commes	cial		
cation Summary				-	
Does the project i	include multiple sites?	No	_		
Does the site includ	ide multiple buildings?	Yes		area and a second second second	CALCER IN
				complete and attach Exhibit B-3a: Multiple Sites and/or Build	dings.
Commu	unity Roard (NYC Only):	N/A			
Commu	inity Board (NYC Only):	N/A			
Commun Complete the following box for the pro	inity Board (NYC Only):	N/A Jitiple census tract numb	pers where applicable.		
Commun Complete the following box for the pro	inity Board (NYC Only): oject as a whole. List mu IUD QCT? No	N/A Jitiple census tract numb	pers where applicable.		
Commun Complete the following box for the pro Hu Hurris Constants (Hu	unity Board (NYC Only): oject as a whole. List mu IUD QCT? No UD DDA? No	N/A Jitiple census tract numb	pers where applicable.		
Commun Complete the following box for the pro Hu Housing Opportunity Censu Ourlified Opportunity	oject as a whole. List mu UD QCT? No UD DDA? No sus Tract? Yes ity Zone? No	N/A Jltiple census tract numt HOCT #: 116	pers where applicable.		
Commun Complete the following box for the pro Hu Housing Opportunity Censu Qualified Opportuni CHOO	oject as a whole. List mu UD QCT? No UD DDA? No sus Tract? Yes ity Zone? No Flieible? No	N/A Jltiple census tract numb HOCT #: 116	pers where applicable.		
Commun Complete the following box for the pro Hi Housing Opportunity Censu Qualified Opportuni CHDO	oject as a whole. List mu UD QCT? No UD DDA? No sus Tract? Yes ity Zone? No Eligible? No astion(s):	N/A Iltiple census tract numt HOCT #: 116	pers where applicable.		

located in a flood plain area?	No
located in a waterfront revitalization area?	No
located in or adjacent to a coastal area?	No
eligible for/listed in the National Register of Historic Plac	es? No
If yes to any of the above, attach a description.	

law has been issued?	No
If use attach suidence that the proposed project is consiste	NO
decision or court-entered plan.	nt with such court

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The Kearney Realty & Development Group, Inc.

he Hamlet at Ca	irmel									-	_	
inance Summa	ary											
	TDC	\$	28,230,986	Total Residential Development Cost		\$	28,230,986			-		
-	TDC/SF \$ 305 Total Residential Hard Costs						\$	17,289,169				
1	TDC/DU	\$	376,413		Residential I	Hard Costs/SF	\$	187		-	-	
Total Dev	eloper Fee	\$	3,364,210		Residential H	lard Costs/DU	\$	230,522				
											-	
Residential Uni	t Summary	1										
			Unit 9	Size			Analta	-Lie UCD Deservor	# of Unite	% of Project	Targe	
Target AMI	0 BR	1 BR	2 BR	3 BK 4 BK 3+ BK			Applic	UTC SHUC UTE	8	11%	30% AN	
30%		2	5	1			LI	nic, sunc, nir			567211	
40%								-		-		
50%		45	20	14	-		11	HTC SUHC HTE	57	76%	60% A	
60%		15	20	14		1		110, 55110, 111				
70%			5	1				SLIHC, HTF	6	8%	80% A	
00%			2	1				SLIHC, HTF	3	4%	90% A	
100%			-		-	-						
110%							-					
120%					-							
120%			-									
130%							1					
Super/Mar			1		-				1	1%	Supe	
Super/Wgi		17	41	17					75			
% of Project		23%	55%	23%								
/ OF FIOJECT	-	1 88	2 BR	3 BR								
-										1		
		Target Popula	ations for Resid	dential Unit	s		# of Units	% of Project	Included in th	e residential re	nt/carry	
Special Needs P	opulations	(non-ESSHI)							charge:			
Persons with Ph	vsical Disat	ility/Traumat	tic Brain Injury				12	16%	Equipment:			
(select)	1		the second s						Range & oven			
(select)									Microwave over	en		
(select)									Refrigerator			
(select)									Cable TV hook	-up		
ESSHI Populatio	ons								Laundry facilit	ies in common area		
ect)									Laundry facilit	ies in living unit		
.act)							1		Central air cor	iditioning (equipmen	(t)	
(select)									Broadband int	emet	1	
(select)				_					Services:		-	
(select)								4.694	Heat			
Total Units Targeted to Special Populations:					12	16%	Control air cor	Gentral air conditioning				
Other Populati	ons								Darbing	nationing	1	
Senior/Elderly (non-frail)				(select ag	ge restriction)	C 2	0404	V Surface		1	
Not targeted to specific populations					63	0470	Covered/encl	Covered/enclosed				
		_	Tot	al Units Tar	geted to Uth	er Populations	03	04%	Other (specify	0:		
	_	1	1		lotal L	units in Project	15			10		
						-			Residential T	enant-Paid Uti	lities:	
Architectural	Summary		and Duthland	E		1	-		I Flortricity			
		Numb	er of Buildings:	12	-				V Heat			
		Number of	rioors (lotal):	12 Mood from	0.0				[7] Gas			
		Constru	ade Meteriola:	Fiber com	ant nlanks and	d shakes			Water	Water		
		Fag	ade Materials:	nuer-cemi	ent platites dit	a stickes			Repairs			
	Number of Elevators: U						ement		Other (specify	y):		

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# of Existing Units # of M Units Kesidential Dwellings 75	New Total # of	Tatal	9/ of Total					
Residential Dwellings 75	its Units	Usable SF	(by SF)					
0	5 75	72,359	81%					
Community Rooms 1	1			Community rooms: For the exclusive use of the residential tenants.				
Residential Common Space		16,856	19%					
Community Service Facility	0		0%	Community Service Facility: Not for the exclusive use of residential tenants.				
Civic Space	0		0%	Civic space: Non-residential, non-commercial space used for activities engage				
Commercial Space	0		0%	by the local	community for	conducting mu	inicipal affairs or	for general pub
Enclosed Parking (if applicable)	0		0%					
Other	0		0%					
Total		89,215		_				
								-
Current Use(s) of Project Site(s) at the Time of Application	on Submission							
# of existing buildings on the project site(s) at the time of app	olication submission	:	0	(Enter "O" for	r vacant land)			
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Project Name: The Hamlet at Carmel

Applicant: Kearney Realty & Development Group ject County: Putnam County

SUMMARY	Amount	Percentage	Per Unit	
Total Units	75			
Total LIHTC Units	65	86.67%	-	
ncome Mix: 20%	-	0%		
30%	8	11%		
40%	-	0%	1	
50%	4.	0%	1	
60%	57	77%		
70%		0%		
80%	6	8%	2.0	
90%	3	4%		7
Over 90%	-	0%	-	100.00
Studios		0%		1.
One-Bedrooms	17	23%		
Two-Bedrooms	40	53%		
Three-Bedrooms	17	23%		
Four-Bedrooms		0%		
Five-Bedrooms		0%		7
Residential Gross Square Footage	92,617		1,235	
Community Service Facility Gross Square Footage				
Other Non-residential Gross Square Footage				
Parking Spaces	-			
Total Project Income	1.273.836		16,984	
Residential Vacancy Bate	-1-1-1-1	5.00%		
CSE Vacancy Bate		10.00%		
Other Non-residential Vacancy Bate		10.00%	-	
CEL Non Residential Income as % of Total		0.47%		
Total Europeas	679 174	0.4770	9.056	
Net Operating Income	530 970		7 080	
Tetal Canataution Term	24		1,000	
	1.05			
Income to Expense Year 1	1.05			
DSCR Year 1	1.11	2 00%		-
Residential Income Inflation		2.00%	-	-
Operating Expense Inflation (Excluding Nigmt, Fee)		3.00%		
Management Fee Expense Inflation	4 040 770	2.00%	16 504	1
Net Cash Flow 15 Years	1,243,778	200/	10,584	-
Sterling Bank	7,350,000	20%	98,000	
LIHTC Equity	13,844,613	49%	26 622	-
SLIHC Equity	2,746,722	10%	30,023	
Low-Income Housing Trust Fund	3,400,000	12%	45,353	-
NYSERDA	/5,000	0%	1,000	-
Deferred Developer Fee	814,651	3%	10,862	-
0	-	0%	-	-
0	4	0%	-	
0		0%	-	
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0	-	0%	-	
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Acquisition	2,784,000) 10%	6 37,120	
Construction Costs	17,289,169	61%	6 230,522	5
Soft Costs	4,504,540) 16%	60,061	
Reserves & Escrow	289,067	1 19	6 3,854	
Developer Fee	3,364,210	129	6 44,856	5
Total Development Costs	28,230,986	5	376,413	
Tatal Decidential Development Costs	28 230 986	2	376 413	
















TOPSOL (4" MIN.), SEED -& MULCH OR WHEN IN PAVEMENT SEE PAVEMENT

42

TOPSOL (4" MNL), SEED & MULCH OR WHEN IN PAVEMENT SEE PAVEMENT OFTAN

MAGNETIC UNDERGROUM

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All water main fittings shall be Class 350 ductile iron mechanical joints in accordance with the latest edition of AWRM/ANRS Standards C111/A21.11, "GRF RING" restrained joint connections shall be provided at every fitting (as manufactured by ROMAC industries, inc. or approved equal). Thrust blocks shall be installed at all changes in horizontal or vertical alignment.

All water mains and appurtenances shall be installed in accordance with the latest edition of ANNER CEOD or CEOD.

WATER MAIN NOTES: All water mains shall be either Class 52 cement lined tyton joint ductile iron pipe or PVC Class 200 DR 14 pipe with factory installed push-on gookets unless othermise noted. All pipe shall be in conformance with the latest edition AWMA 6000 or COSM SEWER TESTING PROCEDURES TESTS FOR NON-PRESSURE PIPELINES FOR TRANSPORT OF SEWAGE The leakage shall be determined by extilization, infiltration or low pressure of.

> Extitution tests shall be made by filling a section of pipeline with water and measuring the quantity of leakage. The head of water at the beginning of the test shall be at least 2 feet above the highest pipe within the section being tested.

a. Should proundwater be present within the section being tested, the head of water for the test shall be 2 feet above the hydraulic gradient of the croundearter.

SEWER MAIN NOTES All sever mains & sever services shown on these plans shall be polyvinyl chicride (PVC) SDR 35. SDR 35 meets the Town of Carmel Town Code 129-29.

2. Severe shall be loted at least 10 feet hortcontally from any exhibing or proposed water make. The distance shall be makeumed edge to edge, in cases where it is in photom Courty Department of Health may able selection with profer agricult on a case-p-case bask, if asported by data from the Design Explorer photo to see the hostattothon. The hortcontal separation and applies to entry connect concervations.







VIA FEDERAL EXPRESS

November 22, 2021

Planning Board Town of Carmel 60 McAlpin Avenue Mahopac, New York 10541

Attn: Craig Paeprer, Chairman

RE: Western Bluff Subdivision Section 66.14, Block 1, Lot 20 350 West Shore Drive

Dear Chairman Paeprer:

Please find enclosed five (5) copies of the following documents in support of my client's application for Subdivision Approval:

- Subdivision Construction Plans for Western Bluff Subdivision, prepared by Kellard Sessions Consulting, dated (last revised) November 8, 2021:
 - o Cover Sheet
 - Sheet 1/9 Existing Conditions Plan
 - Sheet 2/9 Subdivision Layout Plan
 - Sheet 3/9 Sediment & Erosion Control Plan
 - o Sheet 4/9 Tree Removal & Landscape Plan
 - Sheet 5/9 Construction Details
 - Sheet 6/9 Construction Details
 - Sheet 7/9 Sediment & Erosion Control Details & Notes
 - Sheet 8/9 Driveway Profiles
 - Sheet 9/9 Drainage Profiles
- Subdivision Map Prepared for Santucci Construction, prepared by Ward Carpenter Engineers, Inc., dated November 19, 2019 and last revised November 10, 2021
- Letter from Joseph S. Paravati, P.E., Putnam County Department of Health (PCDH), dated July 30, 2020 (septic and wells)

CIVIL ENGINEERING | LANDSCAPE ARCHITECTURE | SITE & ENVIRONMENTAL PLANNING

- Letter from Danny Shedlow, P.E., NYCDEP, dated May 26, 2020 (septic and wells)
- Kellard Sessions Consulting letter to New York State Department of Environmental Conservation (NYSDEC), dated October 10, 2018, requesting general permit clarification
- NYSDEC email to Kellard Sessions Consulting, dated October 16, 2018, noting project's eligibility under the General Permit
- Property Deed, dated October 26, 1978
- Stormwater Cost Estimate, prepared by Kellard Sessions Consulting, dated November 8, 2021
- List of Adjacent Owners, prepared by Ward Carpenter Engineers, Inc.

We are in receipt of the review memorandum prepared by Richard J. Franzetti, P.E., Town Engineer, dated July 20, 2021, to the Town of Carmel Planning Board. The application documents have been amended to address each comment within the memorandum. An itemized response follows:

- I. General Comments
 - 1. The following referrals would appear to be warranted:
 - a. Mahopac Fire Department application submitted May 2017, per the applicant, no response has been provided.

The applicant submitted the project plans to the Mahopac Fire Department in May 2017 for their review and comment. No response was received. A follow up call in August 2018 also did not result in comments on the project.

b. Town of Carmel Environmental Conservation Board – application made to ECB in May of 2017.

The applicant has not received coverage under the Chapter 89 Freshwater Wetlands of the Town of Carmel Town Code and will need to do so prior to any site work being performed.

An Application for Wetland Permit was submitted to the Town of Carmel Environmental Conservation Board (ECB) on May 15, 2017. I appeared before the Board on May 18, 2017 whereby I reviewed the details of the project with

the Board. The Board's comments which have been incorporated into the project plans included.

- Specify abandonment of existing septic tank.
- Silt fence to have wire backing.
- Divert runoff away from wetland during construction.
- Topsoil and seed old driveway.
- Provide a construction schedule.
- Provide methods of fueling equipment.

The Environmental Conservation Board directed us to proceed with NYCDEP Stormwater Permit and PCDH permitting and return to the Board upon resolution of permitting with those Departments. A resubmission to ECB was made on July 14, 2021. However, per recommendation from the Town Planning Office, our appearance before the Board was postponed until approval of the project by the Town Planning Board.

c. Putnam County Department of Health – needed for water and SSTS.

A formal application for Realty Subdivision Approval was submitted to the PCDH on December 19 2019. Septic system deep holes and percolation tests were performed and subsequent submissions made addressing the PCDH comments since December 2019.

Our application with the PCDH has progressed to the point where a few comments remain. These comments have been incorporated into the plan set. A copy of the last correspondence from Joseph S. Paravati, P.E., PCDH, dated July 30, 2020, is enclosed.

We have also enclosed the last correspondence from the NYCDEP regarding the proposed septic permitting. Correspondence from Danny Shedlo, P.E., dated May 26, 2020, acknowledges no additional design issues.

Upon approval of the project by the Carmel Planning Board, we will submit to PCDH for final signatures.

d. Town of Carmel Highway Permit – needed for the driveway.

A Curb Cut Permit is required from the Putnam County Department of Public Works (PC DPW). Brian Hildenbrand, P.E. has been updated on the project's status.

Applicant had previously noted the need for these referrals/permits. None have been provided.

2. A Stormwater Pollution Prevention Plan (SWPPP), as detailed by the NYSDEC, is required.

The applicant should note that this project may not be eligible to receive coverage under the General Stormwater Permit for discharges from Construction Activities (GP-0-15-002), as defined in Part IF.6.a., b. and c. of the General Permit. The project may have to seek an individual permit. Additional information should be provided to confirm this assessment.

This information has not been provided.

A SWPPP has been prepared for the project. The SWPPP was approved by the NYCDEP on April 18, 2021. A copy of the approved SWPPP is enclosed.

On October 10, 2018, Kellard Sessions Consulting submitted a request for determination by the NYSDEC regarding the project's compliance with the General Permit Section 1.F(6) (a-c). A copy of our letter is enclosed.

Sarah Pawliczak of the NYSDEC responded on October 16, 2018 by email, copy enclosed. Ms. Pawliczak's response was clear that in order to be ineligible for the General Permit there would need to be over one (1) acre of disturbance on slopes greater than 25% which are in E or F soil groups. The project is eligible for coverage under the General Permit.

3. A SWPPP, as defined by the NYCDEP pursuant to Chapter 18-39 of the NYCDEP Watershed Rules and Regulations is required.

The applicant provided an approved SWPPP from the NYCDEP.

The NYCDEP approved SWPPP, approved April 18, 2021, was forwarded to your office on July 14, 2021. Please let us know if there are any comments.

- 4. Requirements as set forth in Chapter 131-13 Preliminary Plat, of the Town of Carmel Town Code, have not been provided. This includes, but is not limited to, the following:
 - a. Proposed utility layouts in particular electric service:

As per Section 131-13 of the Carmel Town Code, the proposed location of electric service has been shown on the Subdivision Layout Plan, as well as the drainage profiles where crossings of the drainage system occur.

b. Existing or proposed covenants or deed restrictions applying to the site and a preliminary draft of homeowners' association documents if applicable.

There are no known existing covenants or deed restrictions which apply to the project site. A copy of the Deed for the property, dated October 26, 1978, is enclosed. Proposed easements are limited to access and utility easements which have been included on the Subdivision Plat, which will be filed with the County Clerk. A homeowner's association is not proposed for the project.

c. Identification and copies of all filed maps affecting the property to be subdivided and all properties within 500 feet thereof.

There are no filed maps associated with the subject property. The Subdivision Plat for the project enclosed, "Subdivision Plat Prepared for Santucci Construction" includes all adjacent owners. A separate list is enclosed which includes name, address and Tax ID # of all property owners within 500 feet of the property.

5. The Board should be aware that the drawing does not contain information regarding areas proposed to be reserved for open space. The applicant has noted that this is a conventional subdivision with no planned open space.

A note must be provided on the drawings. The applicant should note that per Chapter 131-25 A (3), that a payment is required in lieu of reservation of land.

A note has been added to the project plans Cover Sheet, "The project does not include a reservation of Open Space, therefore, in accordance with Section 131-25 A(3) of the Town of Carmel Town Code, a payment is required in lieu of a reservation of land, from the applicant."

6. Should any public improvements (i.e., stormwater controls, etc.) be deemed necessary as part of the development of the tract, a Performance Bond and associated Engineering Fee must be established for the work.

The applicant will need to develop a quantity take off for bonding purposes. No update has been provided.

> The subdivision will have no public improvements required as part of the development of the tract, therefore, a Performance Bond and associated engineering fee is not required.

7. The applicant is advised that a stormwater bond and maintenance guarantee, pursuant to Chapter 156.87 of the Town Code, may be required.

Applicant has noted the need for this bond. No update has been provided.

As per Section 156.87 of the Town Code, a quantity take off and estimated cost of construction of the stormwater system for the project has been prepared and included herein. The stormwater cost estimate includes all stormwater improvements for the project, i.e., collection, piping and treatment. The estimate has been prepared with subtotals for each of the three (3) lots.

- II. Detailed Comments
 - 1. Information regarding any/all easements (water, sewer, stormwater, etc.) should be provided; no update has been provided.

There are no existing easements on the project site. Proposed easements which are shown on the Subdivision Plat by metes and bounds include:

- Access and utility easement over Lot #3 in favor of Lots #1 and #2.
- Access and utility easement over Lot #2 in favor of Lot #1.
- Drainage and maintenance easement over Lot #1 in favor of Lot #2.
- 2. The location, top elevation and bottom elevation of retaining walls on the property must be shown.

The applicant has provided a detail on the wall, however, the location of the walls on the site plan has been provided.

Previously proposed retaining walls have been eliminated by modification of site grading. The retaining wall detail has therefore been removed from the Detail Sheet.

3. All regrading required to accomplish the intended development of each lot must be shown.

Proposed grading required to construct the complete project is shown on Sheet 2 of 9 Subdivision Layout Plan.

4. Any existing PCDH Approvals for either lot should be submitted, for the Board's records.

Applicant has noted comment and will provide copies once approved by PCDH. No update has been provided.

Proposed domestic wells and subsurface sewage disposal systems (SSDS) for each of the individual lots is shown on Sheet 2 of 9 Subdivision Layout Plan. Test hole locations, septic grading, absorption trenches, septic tanks and piping between the dwelling and absorption fields are also shown on the plan. The Subdivision Plat prepared by the project Surveyor also includes the well locations, areas designated for the absorption trenches and expansion areas and a subsurface sewage disposal system design chart. Upon Town Planning Board Approval of the project, PCDH will sign the Subdivision Plat.

5. Driveway cross-sections should be added to the plan. This information has been provided.

All driveways must be in accordance with Chapter 128 of the Town of Carmel Town Code. A note should be added to the drawing.

It should be noted that slopes for the first 15' at less than 6%; last 30' less than 7% and not to exceed 15%.

A note has been added to the subdivision plan Cover Sheet, "All driveways must comply with Section 128 of the Town of Carmel Town Code."

Profiles of all driveways are included on Sheet 8 of 9 Driveway Profiles. Profiles conform with Town Code. Driveway Cross Section Detail is included on Sheet 5 of 9 Construction Details.

6. All asphalt for roads (not being dedicated to Town)/parking/driveways should have a top layer of pavement at 2 inches, the binder course at 3 inches and the subgrade at 8 inches.

The driveway cross section has been amended to comply as follows, two (2) inch asphalt top course, three (3) inch asphalt binder course and eight (8) inch subbase course.

7. All utilities serving the lots should be shown.

The location of electric service has not been provided. No update has been provided.

Proposed electric service lines have been added to Sheet 2 of 9 Subdivision Layout Plan.

8. Metes and bounds of the proposed internal lot boundary line should be provided.

Metes and bounds of all proposed internal lot boundary lines are included on the Subdivision Plat.

9. The drawings should contain a phasing diagram for the construction of the site.

Applicant has provided this information.

A Construction Sequencing Program has been prepared and included on Sheet 3 of 9 Sediment & Erosion Control Plan.

10. A landscaping plan will need to be provided.

Applicant noted this comment and will provide under a separate cover. No update has been provided.

The Tree Removal Plan has been modified to include proposed slope restoration and wetland buffer seed mix. The plan Sheet 4 of 9 has been renamed to Tree Removal and Landscape Plan.

11. All planting should be verified by the Town of Carmel Wetlands Inspector and all plantings shall be installed per Chapter 142 of the Town of Carmel Town Code.

A note should be added to the drawings.

A note has been added to the Subdivision Plan Cover Sheet, "All proposed plantings shall be installed in conformance with Section 142 of the Town of Carmel Town Code. All plantings shall be verified by the Town of Carmel Wetland Inspector."

12. The location of trees being protected should be provided. Applicant has provided this information.

Trees to be protected are shown on the Tree Removal and Landscape Plan Sheet 4 of 9.

13. Graphic representation of vehicle movements through the site should be provided to illustrate that sufficient space exists to maneuver all types of vehicles anticipated at the site.

Turning radii has been included on the Subdivision Layout Plan, where an insert was provided. This includes the ability of a UPS Box Tuck to maneuver at the tee intersection of the common driveway.

14. All turning radii for the site should be graphically provided. This includes the turning radii into the modified site entrances.

See Comment #13 above.

15. Available sight distances calculations should be specified on the plan. Any clearing along the edge of the roadway r.o.w. that may be necessary to assure appropriate sight distances are provided, should be identified.

Sight distance lines are shown on the Subdivision Layout Plan where an insert is provided. Sight lines only require trimming of low branches along the property frontage. A note has been provided on the Subdivision Layout insert, as well as the Tree Removal and Landscape Plan. Sight distance calculations are included on the plan.

I expect the submitted documents will adequately address all comments and concerns. We would request that the application be placed on the next available Planning Board Agenda. Should there be any further concerns, please call me.

Sincerely,

John Kellard

John Kellard, P.E. Kellard Sessions Consulting

JK/dc

Enclosures

cc: Dominick Santucci

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PUTNAM COUNTY DEPARTMENT OF HEALTH

1 Geneva Road, Brewster, NY 10509 • 845-808-1390 www.putnamcountyny.gov/health MaryEllen Odell COUNTY EXECUTIVE

Michael J. Nesheiwat, MD COMMISSIONER OF HEALTH

A PHAB-ACCREDITED HEALTH DEPARTMENT

July 30, 2020

Vincenzo Federici Kellard Sessions 500 Main Street Armonk, NY 10504

Re:

Proposed Subdivision – Western Bluff 350 West Shore Drive (T) Carmel, T.M. 66.14-1-20

Dear Mr. Federici:

This offer has received and reviewed the most recent set of plans for the above-mentioned project. We would like to offer the following comments for your review and consideration.

- 1. Is the Integrated Plot Plan to be filed? If so, all septic trench layouts and septic components are to be removed from the plan. Boxes for the septic areas are to be provided instead.
- 2. The lot lines are not shown on the Integrated Plot Plan.
- 3. The well keyholes should be removed from the subdivision plat.
- 4. There doesn't appear to be 3' of fill for the proposed Lot 1 septic system.
- 5. All septic fill is to extend 10' past the trench ends.
- 6. Please see the enclosed comments from the NYCDEP.

This office will continue its review upon consideration of the above-mentioned comments. Please feel free to contact me at ext. 43157 if any questions arise.

Sincerely,

Mararal 1

Joseph S. Paravati Jr., P.E. Public Health Engineer

JSP:cml cc: Danny Shedlo, P.E. NYCDEP



Vincent Saprenza, P.E. Commissioner

Paul V. Rush, P.E. Deputy Commissioner Bureau of Water Supply prush@dep.nyc.gov

465 Columbus Avenue Valhalla, NY 10595 Mr. Joseph Paravati, P.E. Putnam County Health Department 1 Geneva Road Brewster, New York 10509

Re: Western Bluff Subdivision – Request for Comments (T) Carmel, Putnam County Croton Falls Reservoir Drainage Basin 350 West Shore Drive - TM# 66.14-1-20 DEP Log # 2014-CF-0199-DJR.2

Dear Mr. Paravati:

The New York City Department of Environmental Protection (DEP) has reviewed the above-referenced subdivision plan and offers the following comments:

- The submitted soil data shows acceptable soils to support the proposed septic areas, and no other design issues are noted at this time.
- Please note that as the project is located in the Croton Falls basin, all individual SSTS reviews will be subject to "Joint Review" between our agencies.
- 3. Note as well that a Stormwater Pollution Prevention Plan (SWPPP) application for this project is currently under review by DEP.

These comments are based on the review of the drawing titled "Integrated Plot Plan – Western Bluff Subdivision", prepared by Kellard Sessions Consulting, and dated December 19, 2020.

If there are any questions, I may be reached at (914)749-5266.

Sincerely,

Danny Shedlo, P.E. Section Chief Regulatory & Engineering Programs

c: Jason Coppola, PE, DEP Patrick Palmer, NYSDOH May 26, 2020



Vincent Saprenza, P.E. Commissioner

Paul V. Rush, P.E. Deputy Commissioner Bureau of Water Supply prush@dep.nyc.gov

465 Columbus Avenue Valhalla, NY 10595 Mr. Joseph Paravati, P.E. Putnam County Health Department 1 Geneva Road Brewster, New York 10509

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- Please note that as the project is located in the Croton Falls basin, all individual SSTS reviews will be subject to "Joint Review" between our agencies.
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These comments are based on the review of the drawing titled "Integrated Plot Plan – Western Bluff Subdivision", prepared by Kellard Sessions Consulting, and dated December 19, 2020.

If there are any questions, I may be reached at (914)749-5266.

Sincerely,

Danny Shedlo, P.E. Section Chief Regulatory & Engineering Programs

c: Jason Coppola, PE, DEP Patrick Palmer, NYSDOH May 26, 2020



October 10, 2018

New York State Department of Environmental Conservation Region 3 Headquarters 21 South Putt Corners Road New Paltz, New York 12561-1620

Attn: Regional Permit Administrator

RE: Western Bluff Subdivision Town of Carmel

Dear Sir/Madam:

Please find enclosed one (1) copy of the following plan and documents for the above-referenced project.

- Sheet 3/7 entitled Sediment & Erosion Control Plan dated (last revised) October 4, 2018
- USDA Soil Map of the Property
- USDA Map Unit Legend

We are submitting the above-referenced documents for your Department's determination if this project can gain coverage under the SPDES General Permit for Construction Activities, GP-0-15-002. The Town of Carmel's Engineer raised the question in a review memorandum as to whether or not this project exceeded the thresholds of coverage outlined in Section 1.F,6 (a-c) of the General Permit. We would submit the following analysis:

- The project is within the Croton Falls Reservoir Basin and, therefore, is tributary to AA-S classified waters.
- The project will disturb one or more acres. There is an existing house and driveway that will be removed and restored to grass. However, the majority of the site is currently undisturbed.
- Portions of the property contain soils with a Slope Phase that identifies as an E or F based on the USDA Soil Survey. A USDA soils map has been submitted for reference. However, there are no proposed disturbances within these E and F slope categories. The soils boundaries have been included on the enclosed Sediment & Erosion Control Plan for comparison to the limit of disturbance.

CIVIL ENGINEERING | LANDSCAPE ARCHITECTURE | SITE & ENVIRONMENTAL PLANNING

Regional Permit Administrator October 10, 2018 Page 2

The Code also mentions soils with a "map unit name inclusive of 25%". There is approximately 30,000 square feet (0.68 acre) of disturbance of Chatfield-Charlton Complex, 15 to 35% slopes. The submitted Sediment & Erosion Control Plan shows slopes of 25% and greater for all soil categories. The steep slopes were avoided to the greatest extent practicable, but grading is required to construct the proposed common driveway.

Based on above, we are optimistic the NYSDEC will determine this proposed project falls within the guidelines of Section 1.F.6, and would be able to gain SPDES coverage under the General Permit.

Please let me know if you required any additional information.

Very truly yours,

Br. Hiller

Brian Hildenbrand, P.E. Kellard Sessions Consulting

BH/pg

Enclosures

cc: Dominick Santucci w/Enc.

P:\Stc100\KSC Correspondence\2018-10-10-NYSDEC-RegPermitAdmin_Determination_ltr.docx

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CrC	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	7.9	32.0%
CsD	Chatfield-Chariton complex, 15 to 35 percent slopes, very rocky	8.4	33.8%
HrF	Hollis-Rack outcrop complex, 35 to 60 percent slopes	3.8	15.2%
LcB	Leicester loam, 3 to 8 percent slopes, stony	1.8	7.1%
PnB	Paxton fine sandy loam, 3 to 8 percent slopes	1.5	5.9%
PnC	Paxton fine sandy loam, 8 to 15 percent slopes	1.5	5.9%
W	Water	0.0	0.2%
Totals for Area of Interest		24.7	100.0%

Map Unit Legend

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit



Danielle Cinguina

From:	Brian Hildenbrand
Sent:	Tuesday, October 16, 2018 3:51 PM
То:	John Kellard; Peggy Galloway
Cc:	Dominick
Subject:	FW: CH# 6681 Western Bluff Subdivision, Carmel
Attachments:	2018-10-10_NYSDEC_RegPermitAdmin_Determination_ltr.pdf; Western Bluff Erosion Control Plan.pdf

For the Western Bluff file.

Good news, We are not required to get and individual SPDES permit.

-Brian

From: Pawliczak, Sarah A (DEC) <Sarah.Pawliczak@dec.ny.gov>
Sent: Tuesday, October 16, 2018 3:44 PM
To: Brian Hildenbrand <bhildenbrand@kelses.com>
Subject: RE: CH# 6681 Western Bluff Subdivision, Carmel

Mr. Hildenbrand,

I am in receipt of your letter dated October 10, 2018 requesting clarification on whether the above-referenced project qualifies for the SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002). Division of Water staff have reviewed the attached documents. In order to be ineligible for the general permit, there would need to be over one acre of construction on greater than 25% slopes in E or F soils. Based on the information submitted, it does not appear that this project met all three of the criteria in Section 1.F6 (a-c). Therefore, it appears that this project is eligible for coverage under the general permit.

Thank you,

Sarah Pawliczak Environmental Analyst, Division of Environmental Permits New York State Department of Environmental Conservation 21 South Putt Corners Road, New Paltz, NY 12561 P: (845) 256-3050 | F: (845) 255-4659 | sarah.pawliczak@dec.ny.gov www.dec.ny.gov | f | E

From: Brian Hildenbrand [mailto:bhildenbrand@kelses.com]
Sent: Wednesday, October 10, 2018 3:07 PM
To: dec.sm.DEP.R3 < DEP.R3@dec.ny.gov >
Cc: Peggy Galloway < pgalloway@kelses.com >
Subject: Western Bluff Subdivision - Carmel, NY

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Attached are documents related to the "Western Bluff Subdivision" in the Town of Carmel. We are seeking a determination if coverage under the SPDES General Permit is appropriate. A hard copy of the submission will also be mailed to your office.

Thanks,

BRIAN HILDENBRAND, P.E.



KELLARD SESSIONS CONSULTING 500 Main Street | Armonk, New York 10504 T: 914.273.2323 | F: 914.273.2329 bhildenbrand@kelses.com | www.kelses.com

CIVIL ENGINEERING | LANDSCAPE ARCHITECTURE SITE & ENVIRONMENTAL PLANNING

		755 11.84	and a second	and a second the second	· .
Standard N.S.L.	Tolon, bog- all T Lain	Bin and Jale Deed, with Covenants against Granior's	Acti-Individual or Corporation.	(single cheet)	1
CONSULT TOU	R LAWTER SEPORE	SIGNING THIS INSTAUMENT - THIS IN	STRUMENT SHOULD BE	SAD IT DAWTERS ONLY	
THIS INDE	NTURE, made the	a 26 Hay of October	, nineteen hundre	d and seventy-ei	ght
BETWEEN	CHARLOTTE	GUILTINAN residing at	407 Beech St	reet, Rome,	1

1 25. 36

New York,

1.8

CARL KLING residing at 22' Annandale Street, : party of the first part, and

Armonk, New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Town of Carmel, County of Putnam and State of New York more specifically bounded and described as follows:

BEGINNING at a point on the northeasterly side of West Shore Drive where the same is intersected by the division line between the subject premises on the west and premises of the City of New York on the East; thence from said point of beginning along the northeasterly and easterly side of West Shore Drive the following courses and distances; on a curve to the right having a radius of 262.94 feet and central angle of 36° 34' 53" a distance of 167.88 feet to a point; North 25° 29' 00" West 295.44 feet to a point on a curve to the right having a radius of 803.96 feet and a central angle of 22° 11' 00" a distance of 311.27 feet to a point, North 3° 18' 00" West 244.29 feet to premises now or formerly of Irving and Lillian Goldfluss; thence along the same 4° 18' 00" East 158.71 feet, North 1° 26' 48" West 68.82 feet, North 0° 35' 03" East 36.86 feet, North 2° 31' 38" West 69.28 feet, North 1° 26' 48" West 143.01 feet, North 1° 39' 13" West 238.89 feet and North 1° 19' 49" East 18.17 feet to premises now or formerly of the City of New York; thence along the same North 61° 02' 00" East 1.99 feet, thence continuing along the same and generally along the south face of a stone wall South 86° 26' 00" East 236.97 feet and South 43° 18' 00" East 499.90 feet to a point; thence continuing along lands of the City of New York and generally along the westerly face of the stone wall South 10° 51' 00" West 1308.22 feet to the northeasterly side of WestShore Drive and the point or place of BEGINNING; said premises containing 14,795 acres more or less.

THESE PREMISES are also known as Map 68, Block 2 and Lot 2 on the Tax Assessment Map of the Town of Carmel, Putnam County, New York.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part govenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid. AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires, IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF :

al 11

Charlotte Guiltinan

STATE OF NEW YORK, COUNTY OF O'needer \$51 STATE OF NEW YORK, COUNTY OF \$\$1 On the 23 day of activity 19 78, before me On the 19 day of , before me personally came CHARLOTTE GUILTINAN personally came to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that the executed the same. to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same. LICIA G. SEIFERT Hotary Public in the State of New Appointed in Uneida County My Commission Capitas March 30, 194 STATE OF NEW YORK, COUNTY OF \$51 STATE OF NEW YORK, COUNTY OF \$51 On the day of personally came to me known, who, being by me duly sworn, did depose and say that he resides at No, i On the , before me 19 day of personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. that that he knows the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corpora-tion, and that he signed h name thereto by like order. tescribed in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h at the same time subscribed h name as witness thereto. ADDRESS . Sillin ANNA dALE STI Bargain and Sale Beed XXXXXXXX Map 68 WITH COVENANT AGAINST GRANTOR'S ACTS TITLE NO. BLOCK 2 CHARLOTTE GUILTINAN LOT 2 COUNTY OF HANN OF Putnam, Town of Carmel CARL KLING Recorded at Request of CHICAGO TITLE INSURANCE COMPANY Return by Mail to STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS Distributed by Carl Kling, Esg. 2 Annadale Street CHICAGO TITLE Armonk, NY NSURANCE COMPANY Zip No. RESERVE THIS SPACE FOR USE OF RECORDING OFFICE Recorded in the Clerk's Office of the County of Putnam on the 28 at. hours and Iminutes M In Book No. 155 of Dure FRAINSFER TAX DINAM COUNTI JCT3 41978 5 COUNDO 臣 on page 1184 and compared, S 07: too 28 OSA Clerk 755 112.85 1 3 2 2 Marine C

Western Bluff Subdivision - Town Of Carmel Drainage Cost Bond Estimate November 8, 2021

Category / Description	<u>Quantity</u>	<u>Unit</u>	<u>।</u>	<u>Unit Price</u>	<u>Ex</u> t	tended Total	<u>Subtotal</u>
Lot 1							
Stormwater							
Catch Basins	2	EA	\$	2,500.00	\$	5,000.00	
Drain Manholes	5	EA	\$	2,500.00	\$	12,500.00	
Drain Pipe Trench Excavation	700	CY	\$	12.00	\$	8,400.00	
Pretreatment Tank	2	EA	\$	4,500.00	\$	9,000.00	
Oversize Drainage Structures	1	EA	\$	3,000.00	\$	3,000.00	
Drain Pipe 8" HDPE	32	LF	\$	25.00	\$	800.00	
Drain Pipe 10" HDPE	108	LF	\$	30.00	\$	3,240.00	
Drain Pipe 12" HDPE	313	LF	\$	33.00	\$	10,329.00	
Drain Pipe 15" HDPE	175	LF	\$	38.00	\$	6,650.00	
Treatment System "1B"							
Cultec 330XL w/ gravel	105	LF	\$	120.00	\$	12,600.00	
Excavation	150	CY	\$	12.00	\$	1,800.00	
Treatment System "1C"							
Cultec 330XL w/ gravel	105	LF	\$	120.00	\$	12,600.00	
Excavation	150	CY	\$	12.00	\$	1,800.00	
Lot 2							
Stormwater							
Catch Basins	9	EA	\$	2,500.00	\$	22,500.00	
Drain Manholes	1	EA	\$	2,500.00	\$	2,500.00	
Drain Pipe Trench Excavation	700	CY	\$	12.00	\$	8,400.00	
Pretreatment Tank	1	EA	\$	4,500.00	\$	4,500.00	
Oversize Drainage Structures	1	EA	\$	3,000.00	\$	3,000.00	
Drain Pipe 6" HDPE	50	LF	\$	20.00	\$	1,000.00	
Drain Pipe 8" HDPE	526	LF	\$	25.00	\$	13,150.00	
Drain Pipe 12" HDPE	38	LF	\$	33.00	\$	1,254.00	
Treatment System "3A"							
Cultec 150XL w/ gravel	205	LF	\$	120.00	\$	24,600.00	
Excavation	175	CY	\$	12.00	\$	2,100.00	
Lot 3							
Stormwater							
Catch Basins	4	EA	\$	2,500.00	Ş	10,000.00	
Drain Manholes	8	EA	\$	2,500.00	\$	20,000.00	
Drain Pipe Trench Excavation	730	CY	\$	12.00	Ş	8,760.00	
Stormwater Basins	3	EA	\$	1,500.00	\$	4,500.00	
Oversize Drainage Structures	1	EA	\$	3,000.00	\$	3,000.00	
Drain Pipe 6" HDPE	13	LF	\$	20.00	\$	260.00	
Drain Pipe 8" HDPE	176	LF	\$	25.00	\$	4,400.00	
Drain Pipe 10" HDPE	42	LF	\$	30.00	\$	1,260.00	
Drain Pipe 12" HDPE	334	LF	\$	33.00	\$	11,022.00	
Drain Pipe 15" HDPE	490	LF	\$	38.00	Ş	18,620.00	

Drainage Construction Subtotal:

\$ 252,545.00

\$

Total Estimated Cost:

\$ 252,545.00

252,545.00







372000-066-014-0001-019-000-0000 Ronan and Nicole Doherty 380 w Shore Drive

372000-066-014-0001-006 Christopher and Denise Milmerstadt 383 w Share Drive

37200-066-014-0001-005-8 Keuin and Blattitia Barber 375 W Shore Drive

37200-066-013-0001-016 Mirlam soto and Doris Ocasio 93 Fairview Road

372000-066-013-0001-017

99 Fairview Road

372000-066-013-0001-015-Benjamin and Kene Dancygier 83 Faurview Road

372000-066-017-0001-029 Richard and Anna Maria Luce 75 Fairview Rosci 372000-066-017-0001-028 Irrev Acquinas 63 Farrier Rd

James and Maria Latainer 57 Fairnew Rd

.372000-066-017-0001-026 Pauland Agnes Califano 51 fairview Road

372000-066-018-0001-014 Richard and Mary Gleason 52 Fairview Road

372000-066-018-0001-013 Jacquelyn Dicicco and Alfred Pizzuto Jr 62 Fairview Road

372000-066-018.0001-012 Ponald Kammerer 74 Fairview Rd

372000-066-014-0001-004 Barbara Devereaux 90 Fairview Road 372000-066-014-0001-008 Town of Carmel 96 Fair View Rd

37200°-066-014-0001-002 Kenneth and Clare Ryan 355 W Share Drive

37200-066-014-0001-001 Richard and Crystal Wolcelin 347 W Shore Drive

372000-066-018-0001-011 Anthony and Samantha Calvert 339 W Shore Drive

372000066-018-0001-010 Russell and Rachelle Bleakley 333 W Share Drive

372000-066-018-0001-009 Lisa and Steven Tornambre 325 W Shore Drive

372000-066-018-0001-008 Elaine Bessen 317 W Shore Drue

PRELIMINARY SUBDIVISION PLAN

FOR

WESTERN BLUFF SUBDIVISION

TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK

DATE:	JANUARY 13, 2017
REVISED:	MAY 01, 2017
REVISED:	MAY 15, 2017
REVISED:	JANUARY 19, 2018
REVISED:	JULY 5, 2018
REVISED:	OCTOBER 31, 2018
REVISED:	MAY 7, 2019
REVISED:	JANUARY 20, 2020
REVISED:	OCTOBER 20, 2020
REVISED:	NOVEMBER 8, 2021

GENERAL NOTES:

- . I. THE PROJECT INCLUDES ACCESS AND UTILITY EASEMENTS AND A STORMWATER EASEMENT. ACCESS AND UTILITY EASEMENT OVER LOT #1 IN FAVOR OF LOTS #1 AND #2 ACCESS AND UTILITY EASEMENT OVER LOT #2 IN FAVOR OF LOT #1 ACCESS AND UTILITY EASEMENT OVER LOT #1 IN FAVOR OF LOT #2

PLEASE SEE SUBDIVISION MAP WESTERN BLUFF SUBDIVISION PREPARED FOR SANTUCCI CONSTRUCTION FOR ALL EASEMENTS.

THE PROJECT DOES NOT INCLUDE A RESERVATION OF OPEN SPACE, THEREFORE, IN ACCORDANCE WITH SECTION 131-234(3) OF THE TOWN OF CARMEL TOWN CODE A PAYMENT IS REQUIRED IN LIEU OF A RESERVATION OF LAND, FROM THE APPLICANT.

3. ALL DRIVEWAYS MUST COMPLY WITH SECTION 128 OF THE TOWN OF CARMEL TOWN CODE.

4. ALL PROPOSED PLANTINGS SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 142 OF THE TOWN OF CARMEL TOWN CODE. ALL PLANTINGS SHALL BE VERIFIED BY THE TOWN OF CARMEL WETLAND INSPECTOR.

SITE DATA

OWNER:	CARL C. KLING 440 COLONY DRIVE WHITELAND, IN 46184
APPLICANT:	DOMINICK SANTUCCI 15 TRAVIS LANE MONTROSE, N.Y. 10548
PROPERTY ADDRESS:	350 WEST SHORE DRIVE CARMEL, N.Y.
TAX MAP DESIGNATION:	SECTION: 66.14, BLOCK: 1, LOT 20
LOT AREA:	644,463 S.F. (14.79 AC.)
ZONING DESIGNATION:	R-RESIDENTIAL



SHEET INDEX

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PROFILE SCALE: HORIZ: 1"=50' VERT: 1"=10'









PROFILE SCALE: HORIZ: 1"=50' VERT: 1"=10'









