



October 19, 2020

N.Y.S.D.E.C.  
Division of Environmental Permits  
SUNY @ Stony Brook | 50 Circle Road  
Stony Brook, NY 11790-3409

RE: Application for Article 34 Permit  
Village of Ocean Beach Walkways & Retaining Wall Construction  
Cottage Walk to Surf View Walk | Fire Island

Dear Sir or Madam:

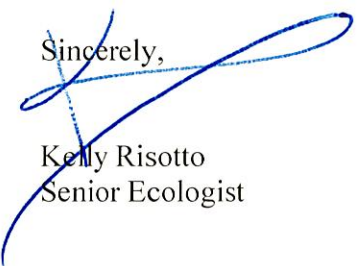
Please find enclosed an application package for the Village of Ocean Beach to restore existing public dune walkway crossovers, reconstruct existing retaining walls at Cottage, Bayberry, and Ocean Breeze Walks, and to construct a new retaining wall along Ocean View Walk. This application package contains the following:

- (4) Joint Application for Permit
- (1) Short Environmental Assessment Form
- (1) Structural Archaeological Assessment Form
- (4) Site Plans and Details
- (2) Sets of Site Photographs
- (2) Location Map
- (1) Authorization Letter

Please be advised that all activities are proposed landward of a natural dune with a topographic crest higher than 10' NGVD, and are therefore landward of jurisdiction under Article 25. Note that the nourished dune is seaward of the project; where the project is proposed on the south side of Ocean View Walk landward of the naturally vegetated dune and oceanfront homes.

If you have any questions or require additional information to enable review and permit issuance, please contact me at (631) 727-2400 or [krisotto@landuse.us](mailto:krisotto@landuse.us). Thank you.

Sincerely,



Kelly Risotto  
Senior Ecologist

Enc.  
CC: Eric Star, via email w/attachments



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation [checked] Check here to confirm you sent this form to NYSDEC.

- Check all permits that apply: [ ] Stream Disturbance, [ ] Excavation and Fill in Navigable Waters, [ ] Docks, Moorings or Platforms, [ ] Dams and Impoundment Structures, [ ] 401 Water Quality Certification, [ ] Freshwater Wetlands, [checked] Tidal Wetlands (NJ request), [ ] Wild, Scenic and Recreational Rivers, [checked] Coastal Erosion Management, [ ] Water Withdrawal, [ ] Long Island Well, [ ] Incidental Take of Endangered / Threatened Species

>US Army Corps of Engineers [ ] Check here to confirm you sent this form to USACE.

- Check all permits that apply: [ ] Section 404 Clean Water Act, [ ] Section 10 Rivers and Harbors Act, Is the project Federally funded? [ ] Yes [ ] No, If yes, name of Federal Agency: [ ], General Permit Type(s), if known: [ ], Preconstruction Notification: [ ] Yes [ ] No

>NYS Office of General Services [ ] Check here to confirm you sent this form to NYSOGS.

- Check all permits that apply: [ ] State Owned Lands Under Water, [ ] Utility Easement (pipelines, conduits, cables, etc.), [ ] Docks, Moorings or Platforms

>NYS Department of State [ ] Check here to confirm you sent this form to NYSDOS.

- Check if this applies: [ ] Coastal Consistency Concurrence

2. Name of Applicant

Village of Ocean Beach, Taxpayer ID, Mailing Address: PO Box 457, Post Office / City: Ocean Beach, State: NY, Zip: 11770, Telephone: 631-583-5940, Email: sbrautigam@villageofoceanbeach.org, Applicant Must be: [checked] Owner [ ] Operator [ ] Lessee

3. Name of Property Owner (if different than Applicant)

(same), Mailing Address, Post Office / City, State, Zip, Telephone, Email

For Agency Use Only

Agency Application Number:

**4. Name of Contact / Agent**  
 Land Use Ecological Services, Inc. / Kelly Risotto

Mailing Address: 570 Expressway Drive South, Suite 2F  
 Post Office / City: Medford  
 State: NY Zip: 11763

Telephone: 631-727-2400 Email: krisotto@landuse.us

**5. Project / Facility Name**  
 Ocean Beach Walkway & Retaining Wall Construction  
 Property Tax Map Section / Block / Lot Number: N/A (ROW)

Project Street Address, if applicable: Ocean View Walk, Cottage Walk, Bayberry Walk, Ocean Breeze Walk  
 Post Office / City: Ocean Beach  
 State: NY Zip: 11770

Provide directions and distances to roads, intersections, bridges and bodies of water  
 Southern terminus of Cottage Walk, Bayberry Walk, and Ocean Breeze Walk. South side of Ocean View Walk. Project is > 150 feet landward of Atlantic Ocean in Ocean Beach, Fire Island.

Town  Village  City County: Suffolk Stream/Waterbody Name: Atlantic Ocean

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:  
 Latitude: 40 ° 38 ' 40.553 " Longitude: 73 ° 9 ' 16.135 "

**6. Project Description:** Provide the following information about your project. Continue each response and provide any additional information on other pages. Attach plans on separate pages.

a. Purpose of the proposed project:  
 Proposed reconstruction of walkways and supporting retaining walls at Cottage, Bayberry, and Ocean Breeze Walks is routine reconstruction due to age and deteriorating condition of walks, and to bring them into code compliance. Proposed retaining wall along the south side of Ocean View Walk to keep the roadway clear of sand for emergency response and vehicle access. Please see attached Project Narrative for additional information.

b. Description of current site conditions:  
 Cottage, Bayberry, and Ocean Breeze Walks are developed with timber walkways and retaining walls. Ocean View Walk is a concrete roadway that is the primary emergency response route to the beach. Ocean View Walk is bordered to the south by vegetated dune (west), eroding dune (where retaining wall is proposed), private landscape/retaining walls (@ houses), and utility poles. Refer to Project Narrative.

c. Proposed site changes:  
 Proposed reconstruction of Cottage, Bayberry, and Ocean Breeze Walks walkways and retaining walls in kind/in place. Proposed construction of 470 LF of retaining wall along the south side of Ocean View Walk. Refer to Site Plan and Details.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):  
 Timber walkways with pile supports, bracing, decking, and railings to be code compliant. Timber retaining wall with 2" x 10" tongue & groove timber on 6" x 6" posts, supported by 6" x 6" deadmen with 5/8" threaded tie rod and 2" x 8" timber cap. Refer to Site Plans & Details.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:  
 No dredging or excavation is proposed. Sand that has accumulated in roadway and location of retaining wall to be replaced south of wall once it is constructed. Total volume < 10 CY.

f. Is tree cutting or clearing proposed?  Yes If Yes, explain below.  No  
 Timing of the proposed cutting or clearing (month/year):  
 Number of trees to be cut: Acreage of trees to be cleared:

g. Work methods and type of equipment to be used:

Piles to be hand-driven or jetted. Walkways and all retaining walls to be constructed by hand.

h. Describe the planned sequence of activities:

1) Removal of existing walkways and retaining walls to be reconstructed. 2) Reconstruction of new walkways/retaining walls in kind/in place of existing. 3) Construction of retaining wall along Ocean View Walk.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Minimal ground disturbance is proposed; ground disturbance will be associated with pile/post and deadmen installation. Existing trees and root systems to be avoided.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

Project is landward of a significant dune and beach system, with minimal ground disturbance. No ESC measures are proposed.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

There are no feasible alternatives to avoid regulated areas. Reconstruction of existing structures is needed for safe public access. Construction of the retaining wall is needed to maintain safe access along Ocean View Walk for emergency response, utility and garbage transport.

l. Proposed use:  Private  Public  Commercial

m. Proposed Start Date:  Estimated Completion Date:

n. Has work begun on project?  Yes If Yes, explain below.  No

Post supports for proposed retaining wall along Ocean View Walk were installed prior to the Village being advised that a NYSDEC CEHA permit is required. Work ceased upon learning of the permit requirement, and the Village has been in communication with NYSDEC.

o. Will project occupy Federal, State, or Municipal Land?  Yes If Yes, explain below.  No

Project occupies Village owned parcels and ROW.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

The Village of Ocean Beach has been issued numerous permits for shoreline protection and construction projects. Beach access walkways were reconstructed under GP-0-12-006 (Hurricane Sandy GP) in 2013. Storm protection projects have included beach nourishment, beach scraping, geotubes, and sand cubes at various times in the last 20 years.

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

Yes If Yes, list below.  No

NYSDEC and Village approval is required for this project.  
USACE Section 408 approval is not required for this project, as all activities are landward (north) of the FIMI project boundary.

**7. Signatures.**

Applicant and Owner (If different) must sign the application.

Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

**Signature of Applicant**

*Steven Brautigam*

Date

10/5/2020

Applicant Must be (check all that apply):  Owner  Operator  Lessee

Printed Name

Steven Brautigam

Title

Village of Ocean Beach Clerk/Treasurer

**Signature of Owner (if different than Applicant)**

Date

Printed Name

Title

**Signature of Contact / Agent**

*Kelly Risotto*

Date

10/5/2020

Printed Name

Kelly Risotto / Land Use Ecological Services, Inc.

Title

Agent / Senior Ecologist

**For Agency Use Only**

**DETERMINATION OF NO PERMIT REQUIRED**

Agency Application Number

(Agency Name) has determined that No Permit is required from this Agency for the project described in this application.

Agency Representative:

Printed Name

Title

Signature

Date

**617.20**  
**Appendix B**  
**Short Environmental Assessment Form**

**Instructions for Completing**

**Part 1 - Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. 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.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

<b>Part 1 - Project and Sponsor Information</b>			
Name of Action or Project: Ocean Beach Walkway & Retaining Wall Construction			
Project Location (describe, and attach a location map): Cottage Walk to Surf View Walk, Village of Ocean Beach (See attached Location Map)			
Brief Description of Proposed Action: Proposed reconstruction of walkways and supporting retaining walls at Cottage, Bayberry, and Ocean Breeze Walks is routine reconstruction due to age and deteriorating condition of walks, and to bring them into code compliance. Proposed retaining wall along the south side of Ocean View Walk to keep the roadway clear of sand for emergency response and vehicle access. Please see attached Project Narrative for additional information.			
Name of Applicant or Sponsor: Land Use Ecological Services, Inc. / Kelly Risotto (AGENT)		Telephone: 631-727-2400	
		E-Mail: krisotto@landuse.us	
Address: 570 Expressway Drive South, Suite 2F			
City/PO: Medford		State: NY	Zip Code: 11763
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO <input checked="" type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval: NYSDEC and Village of Ocean Beach approvals required.			YES <input checked="" type="checkbox"/>
3.a. Total acreage of the site of the proposed action?		N/A - ROW acres	
b. Total acreage to be physically disturbed?		0.2 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		N/A - ROW acres	
Village owned right-of-ways (ROWs) are interconnected throughout Ocean Beach.			
4. Check all land uses that occur on, adjoining and near the proposed action. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> Other (specify): <u>Municipal buildings and uses</u> <input checked="" type="checkbox"/> Parkland			



18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____ _____	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ _____	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</b>		
Applicant/sponsor name: <u>Kelly Risotto / Land Use Ecological Services, Inc.</u>		Date: <u>10/16/2020</u>
Signature: _____		

**Part 2 - Impact Assessment. The Lead Agency is responsible for the completion of Part 2.** Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing: a. public / private water supplies? b. public / private wastewater treatment utilities?	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input type="checkbox"/>	<input type="checkbox"/>



	No, or small impact may occur	Moderate to large impact may occur
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action create a hazard to environmental resources or human health?	<input type="checkbox"/>	<input type="checkbox"/>

**Part 3 - Determination of significance. The Lead Agency is responsible for the completion of Part 3.** For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

<input type="checkbox"/>	Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.
<input type="checkbox"/>	Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.
_____	_____
Name of Lead Agency	Date
_____	_____
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
_____	_____
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

**PRINT**



New York State Department of Environmental Conservation  
 Supplement to Joint Application Form

**STRUCTURAL ARCHAEOLOGICAL ASSESSMENT FORM (SAAF)**

<b>PART 1 -- APPLICANT COMPLETES</b>	
<b>APPLICANT INFORMATION</b>	
1. Applicant Name	Village of Ocean Beach
2. Applicant Address	PO Box 457, Ocean Beach, NY 11770
<b>PROJECT INFORMATION</b>	
3. Project/Facility Name	Ocean Beach Walkway & Retaining Wall Construction
4. Project/Facility Location	Cottage Walk to Surf View Walk, Village of Ocean Beach, Fire Island
5. Is the proposed project adjacent to, or does it contain a building or structure listed in the State or National Register of Historic Places?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Are there any buildings or structures 50 years old or older adjacent to or within the proposed project area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If the answer to question 5 and/or 6 is yes, provide the following information for each building and structure (use attachments if necessary):	
a. Name of structure	
b. Location	
c. Type of structure (ex. house, outbuilding, barn, bridge, dam, ruins)	
d. Approximate age or date of construction	
7. Might the proposed project have any impact (physical/visual) upon any buildings or structures listed in the State or National Register of Historic Places <u>or</u> 50 years old or older?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, describe briefly (use attachments if necessary):	

**PART 1 -- APPLICANT COMPLETES**

8. Provide photographs of every building and structure that may be impacted by the project as described in number 7, on the opposite side of this page. The following standards are recommended:
- Minimum of 2 photographs
  - Photographs must be 3.5" x 5" in size or larger
  - Photos must be **clear** and **focused**
  - Digital photographs must be printed on photo paper and be produced at a printer setting of a minimum of 600 dpi
  - Clearly label photos so it is obvious what is being illustrated; key photos to map or plan, if possible
  - Photo 1: show both the entire front and side of the structure in a single shot from as close to the building as possible. Be sure the structure is not partially or fully blocked by trees or other obstructions
  - Photo 2: show relationship of building or structure to roadway or surroundings

9. Has the land within the proposed project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)?

Yes  
 No

If yes, describe briefly, including depth of disturbance (use attachments if necessary):

Existing concrete roadway (Ocean View Walk), retaining walls, dune crossovers.

10. Approximate percentage of proposed project area with slopes:	0 - 10%	90 %
	10 - 15%	5 %
	15% or greater	5 %

11. Approximate percentage of proposed project site with the following drainage characteristics:	Well drained	100 %
	Moderately well drained	0 %
	Poorly drained	0 %

Prepared By (Print or type name): Kelly Risotto / Land Use Ecological Services, Inc.

Signature:  Date: 10/16/2020

<b>PART 2 -- DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) COMPLETES</b>	
APPLICANT/PROJECT INFORMATION	
1. Applicant Name	
2. Project/Facility Name	
3. DEC Number	- - - / - - -
BUILDINGS AND STRUCTURES	
4. Might the proposed project have any impact (physical/visual) upon any buildings or structures listed in the State or National Register of Historic Places or 50 years old or older?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>If yes, DEC must consult with the Office of Parks, Recreation and Historic Preservation (OPRHP). DEC must request a determination of eligibility for the State Register of Historic Places and/or comments regarding project impact. Include information supplied by the applicant in response to questions 5, 6, 7 and 8 of <b>Part 1</b> of this form.</p>	
ARCHAEOLOGICAL SITES	
5. Does the proposed project area coincide with a circle, square or stippled area on OPRHP's Statewide Archaeological Inventory Map?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Is the proposed project area outside of a circle or square, but one for which information has been provided (ex: documented reports of known sites) that suggests the area is archaeologically sensitive?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, what is the nature and source of information?	
7. Is the proposed project area apparently undisturbed?	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Will the proposed action include a physical disturbance of the project area?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Is the slope in the area characteristically less than 15% (unless on limestone/flint escarpments)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Is the proposed project area characteristically moderately well or well drained?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>If the answers to 5, 7-10 are yes, an archeological survey should be performed by the applicant. Provide the applicant with a copy of or the link to the <i>State Historic Preservation Office Phase 1 Archaeological Report Format Requirements (08/05)</i>.</p>	
<p>If the answer to 5 is no, but answers to 6-10 are yes, DEC must consult with OPRHP before requiring that the applicant perform an archaeological survey.</p>	

<b>PART 2 -- DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) COMPLETES</b>			
RESULTS OF EVALUATION			
<input type="checkbox"/> <b>SHPA-1</b>	No buildings, structures or archaeological sites identified at the project location.		
<input type="checkbox"/> <b>SHPA-2</b>	Buildings, structures or archaeological sites identified, but no impacts will occur, no survey required. No further cultural resources review required.		
<input type="checkbox"/>	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Consultation by DEC with OPRHP required.</td> <td style="width: 40%; text-align: right;"> <input type="checkbox"/> Structures  <input type="checkbox"/> Archaeology </td> </tr> </table>	Consultation by DEC with OPRHP required.	<input type="checkbox"/> Structures <input type="checkbox"/> Archaeology
Consultation by DEC with OPRHP required.	<input type="checkbox"/> Structures <input type="checkbox"/> Archaeology		
<input type="checkbox"/>	Archaeological survey required.		
Prepared by: _____			
Date: _____			

(03/2009 - Technical details updated)

## **Ocean Beach Walkway & Retaining Wall Construction**

Village of Ocean Beach, Fire Island | Cottage Walk to Surf View Walk

### **Project Description, Purpose and Need**

The Village of Ocean Beach is proposing to restore/reconstruct existing dune crossings and retaining walls at Cottage Walk, Bayberry Walk, and Ocean Breeze Walk, and to construct a new retaining wall along the Ocean View Walk right-of-way. Please refer to the Site Plans for layout and construction details, and to the following paragraphs for a discussion of the project purpose and need, alternatives considered, and construction timeline.

Restoration of the existing dune crossings is proposed from the northern terminus of each of the walkways, and will extend south to meet the newly constructed FIMI dune crossings. The timber walkways will be reconstructed in kind and in place, with no change in width, height, or landing areas from existing. These walkways are in need of restoration due to deterioration since they were last restored in the 1970s. Approximate dimensions of the portions to be restored are as follows:

- Cottage Walk 16' L x 7' W stairs to FIMI walkway
- Bayberry Walk 14' L x 6' W stairs to 8' W x 6' W landing to 12' L x 6' W stairs to 24' L x 12' W deck to FIMI walkway
- Ocean Breeze Walk 10' L x 4.5' W stairs to 6' L x 4.5' W landing to 10' L x 4.5' wide stairs to 24' L x 4.5' W landing that widens to 12' at the south end where it meets the FIMI walkway

Reconstruction of the existing timber retaining walls that run beneath and along the walkways at Cottage, Bayberry, and Ocean Breeze Walks will also be in kind and in place. Similar to the walkways, reconstruction of these walls is necessary due to deterioration over time, as these walls were also last restored in the 1970s at the same time as the walkways. The walls are needed to support the public walkways and prevent sand from filling in the walkways thereby making them inaccessible. Approximate dimensions of the retaining wall reconstructions are:

- Cottage Walk 4'3" N/S return on east end to 100' L E/W retaining wall to 32'3" N/S return on west end to 13'6" E/W wall. Please note that this wall keeps the area around Cottage Walk clear of sand, to allow emergency vehicles and personnel access to the beach (see below). In addition, this wall protects the Lifeguard Building, Pump House, and Village maintenance yard area.
- Bayberry Walk 9'11" N/S returns on the east and west sides and 10'0" E/W wall beneath the walkway.
- Ocean Breeze Walk 8'0" E/W wall beneath the walkway to 37'0" N/S wall along the west side to 4'6" E/W and 8'0" N/S returns to protect a fire hydrant and public garbage bin.

Construction of a new 3-foot high timber retaining wall along Ocean View Walk is also proposed with this project. Approximately 470 linear feet of retaining wall is proposed in areas where the landward side of the dune is sparsely vegetated and sand migrates into the roadway. Sand migrating into the roadway creates a public health and safety issue where emergency vehicles, as well as utility and sanitation trucks, cannot access and safely travel along Ocean View Walk.

The Ocean Beach Fire Department is located on Midway between Bayberry Walk and Ocean Breeze Walk. During the summer season, there are multiple calls daily wherein emergency responders must get to the Lifeguard Building at Cottage Walk, or even to the beach. The emergency response route is to travel south on Bayberry or Ocean Breeze Walk to Ocean View Walk. A buildup of sand in the roadway from the back of the dune results in difficulties for emergency response teams to navigate the turns and Ocean View Walk, which could increase response times.

In addition to emergency response, utilities and sanitation trucks must be able to safely access the length of Ocean View Walk to maintain utility poles and wires, and to collect refuse. Sand buildup in the roadway makes safe navigation of Ocean View Walk difficult, and sometimes impossible without continuous removal.

Finally, construction of a retaining wall along Ocean View Walk will act as a barrier to keep unauthorized foot traffic off the dune, thereby protecting the dune and its erosion protection service.

It is for these reasons that the Village of Ocean Beach is applying to construct approximately 470 linear feet of retaining wall along the south side of Ocean View Walk. The wall shall be set 3 feet south of the roadway to avoid the public water line that is buried approximately 1-2 feet south of the roadway. The wall shall be 2" x 10" tongue and groove CCA timber, supported by 6" x 6" timber posts and a 2" x 8" timber cap. Support for the wall will also be achieved through installation of 6" x 6" deadmen and 5/8" tie rods landward of posts in locations where the deadmen will not impact existing woody vegetation. Please refer to the Site Plan for the location(s) of the proposed wall and for a typical section of the wall.

### **Alternatives Considered**

There were no alternatives considered for the proposed restoration/reconstruction of the existing walkways and retaining walls at Cottage Walk, Bayberry Walk, and Ocean Breeze Walk. These structures have been in place since prior to CEHA regulations, and provide public access to the beach for the Village in accordance with CEHA regulations.

There were two alternatives to construction of the new retaining wall considered: (1) No Action and (2) Sand Fencing. No Action was dismissed because it does not provide for reliable and continued safe access along Ocean View Walk for emergency responders, utilities and sanitation trucks. Sand fencing was also considered and dismissed. Multiple rows of fencing would be needed to prevent sand migration into Ocean View Walk. These multiple rows would likely disturb a greater area of the dune than the proposed retaining wall, would require more maintenance and reinstallation than the proposed retaining wall, and may not provide the same protection of the walkway as the proposed retaining wall.



No retaining wall needed to west due to presence of dune vegetation north to edge of Ocean View Walk.

Bayberry Walk to be reconstructed in kind/in place landward of USACE FIMI walkway. Retaining wall beneath Bayberry to be reconstructed in kind/in place. Refer to details and photos.

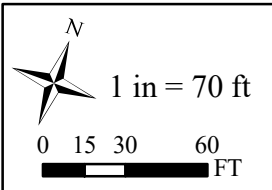
Cottage Walk to be reconstructed in kind/in place landward of USACE FIMI walkway. Retaining wall beneath Cottage to be reconstructed in kind/in place. Refer to details and photos.

Ocean Breeze Walk to be reconstructed in kind/in place landward of USACE FIMI walkway. Retaining wall beneath Ocean Breeze to be reconstructed in kind/in place. Refer to details and photos.

**NOTES**

1. Proposed Retaining Wall (470 LF): Proposed 470 linear feet of 2" x 10" tongue-and-groove timber retaining wall to be supported by 6" x 6" pressure treated posts. Wall height 3-4 feet, to be based on elevation of dune to the south.
  - Wall to be located 3 feet to the south of Ocean View Walk to avoid conflict with water line.
  - Fire hydrants at Dehnhoff and Surfview Walks to be boxed with retaining wall to keep them clear of sand.
  - Deadmen support to be provided for piles where there are no tree conflicts. Deadmen post to be installed 4 feet south of post and connected to 5/8 threaded rod and bolts.
  - Timber wall cap to be provided for additional strength and stabilization of wall.
  - Wall to be sited on Village-owned property / ROW.
2. All proposed construction activities are located landward of USACE FIMI dune and easement area.
3. All activities are greater than 150 feet landward of tidal wetland boundary at MHW, and landward of natural dune that limits Article 25 jurisdiction.

	<b>Reconstruction of Existing Retaining Walls (Ref. to Details)</b>
	<b>Proposed Retaining Walls (470 LF, Note 1)</b>
	<b>CEHA Line</b>



Prepared By: Land Use Ecological Services, Inc.  
 570 Expressway Drive South, Suite 2F  
 Medford, NY 11763

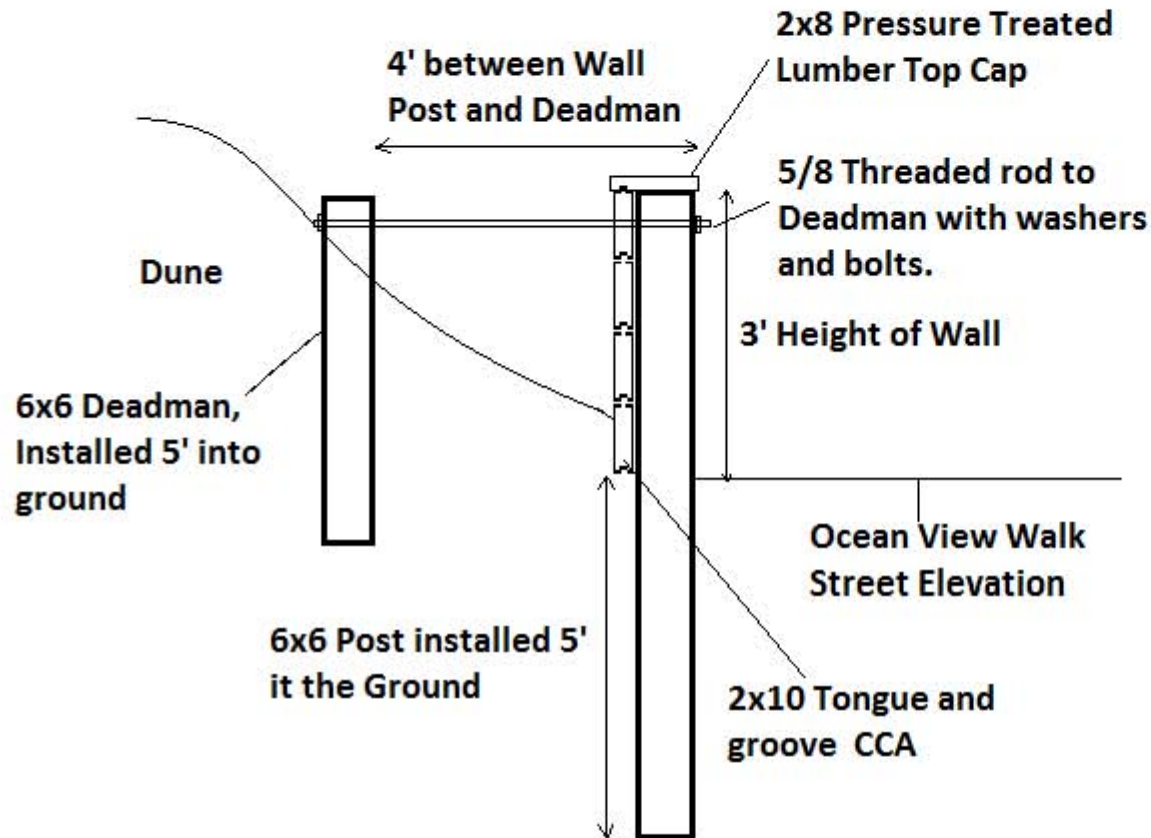
Date: 10/16/2020    Revised:

Project: Walkway and Retaining Wall Construction  
 For: Village of Ocean Beach  
 PO Box 457, Ocean Beach, NY 11770  
 At: Ocean View Walk and Intersecting Walks

Scale: As Noted    Sheet: 1 of 2



# Ocean View Walk Retaining Wall Plan

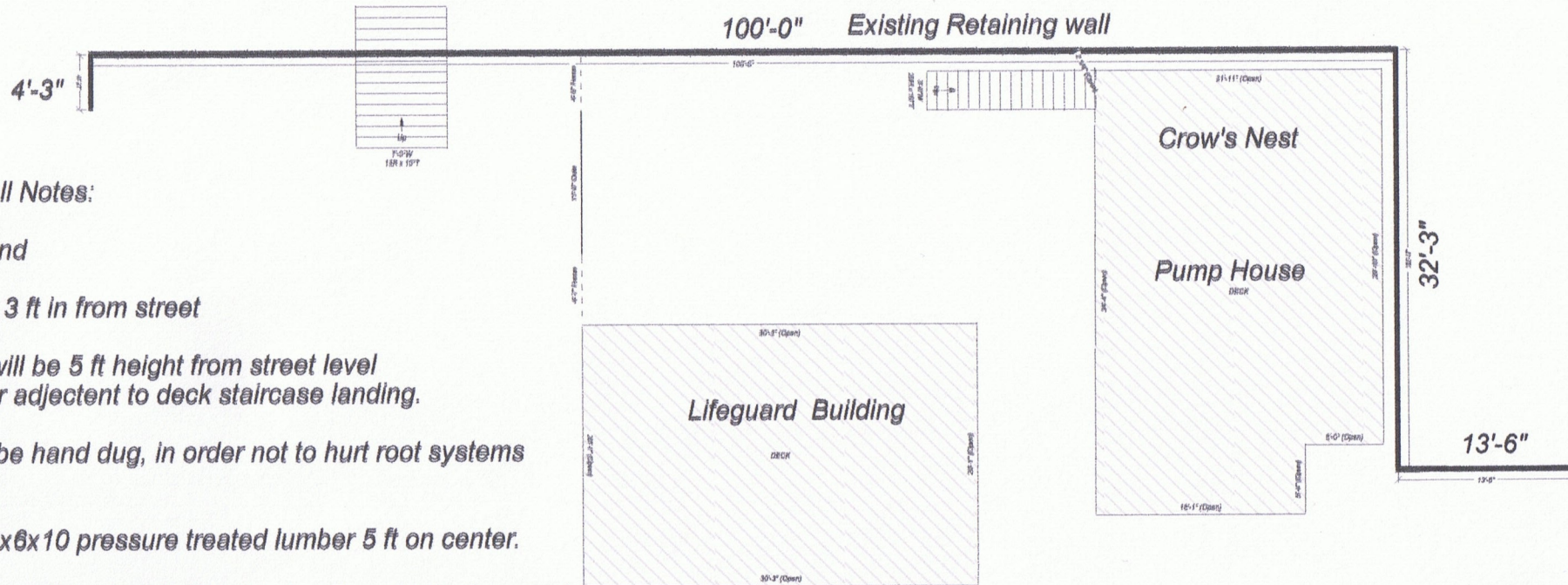


Ocean View and Bayberry Walk Retaining Wall

Village of Ocean Beach NY 11770

10/8/20

# Cottage Walk and Ocean View Walk Retaining Wall Plan



## Retaining Wall Notes:

Replace in Kind

Wall will start 3 ft in from street

Wall height will be 5 ft height from street level and 6ft in rear adjacent to deck staircase landing.

All posts will be hand dug, in order not to hurt root systems of dune.

Post will be 6x6x10 pressure treated lumber 5 ft on center.

Deadman post will be install 4ft behind wall post into dune and connected with 5/8 threaded rods and bolts, when able to be placed without destroying existing root systems of dune.

Wall material will be 2x10 tongue and groove pressure treated lumber

Cottage walk and Ocean View Walk Retainin Wall

Village of Ocean Beach NY 11770

10/13/20

# Bayberry Walk Overpass

## Deck Notes

New deck to height of existing deck of Army Core of Engineers

Seating on both sides of top deck. Seat will be at 18" and 2 ft wide.

Wall rail will be at 42" height.

Staircase railing will be between 34" and 36" to top of rail

## Lumber list

- 8pcs 2x12x14PT Girders top deck
- 4pcs 2x12x8PT Girders Landing
- 12pcs 6x6x16PT Post for Girders
- 40pcs 2x8x10PT Jolsts for Main Deck
- 10Pcs 2x8x10PT Jolsts for Landing
- 50pcs 2x6x14PT Decking for Main deck
- 60pcs 2x6x8PT for Treds of staircase
- 20Pcs 2x6x8PT Decking for Landing
- 7Pcs 2x12x16PT for stringers for top staircase
- 19pcs 4x4x10PT for Posts
- 7Pcs 2x12x16PT for stringers for bottom staircase?
- 400pcs 2x2x36"Pt spindle for Railings
- 12pcs 2x6x16PT for Railings
- 24pcs 2x4x16PT Railings
- 30pcs 1/2 gal Carriage bolt by 10"
- 30pcs 1/2 gal Washers
- 30 pcs 1/2 gal Nuts
- 80pcs 3/8 Carriage bolts by 8"
- 80pcs 3/8 Gal Washers
- 80 pcs 3/8 Gal Nuts
- 1 box 3" stainless steel 316 decking screws
- 1 box 3" stainless steel quick drive screws.
- 1 box 3" Galvanized Framing nails 20 degrees
- 1 box 3" decking screws.
- 1 Spound box of TECO nails

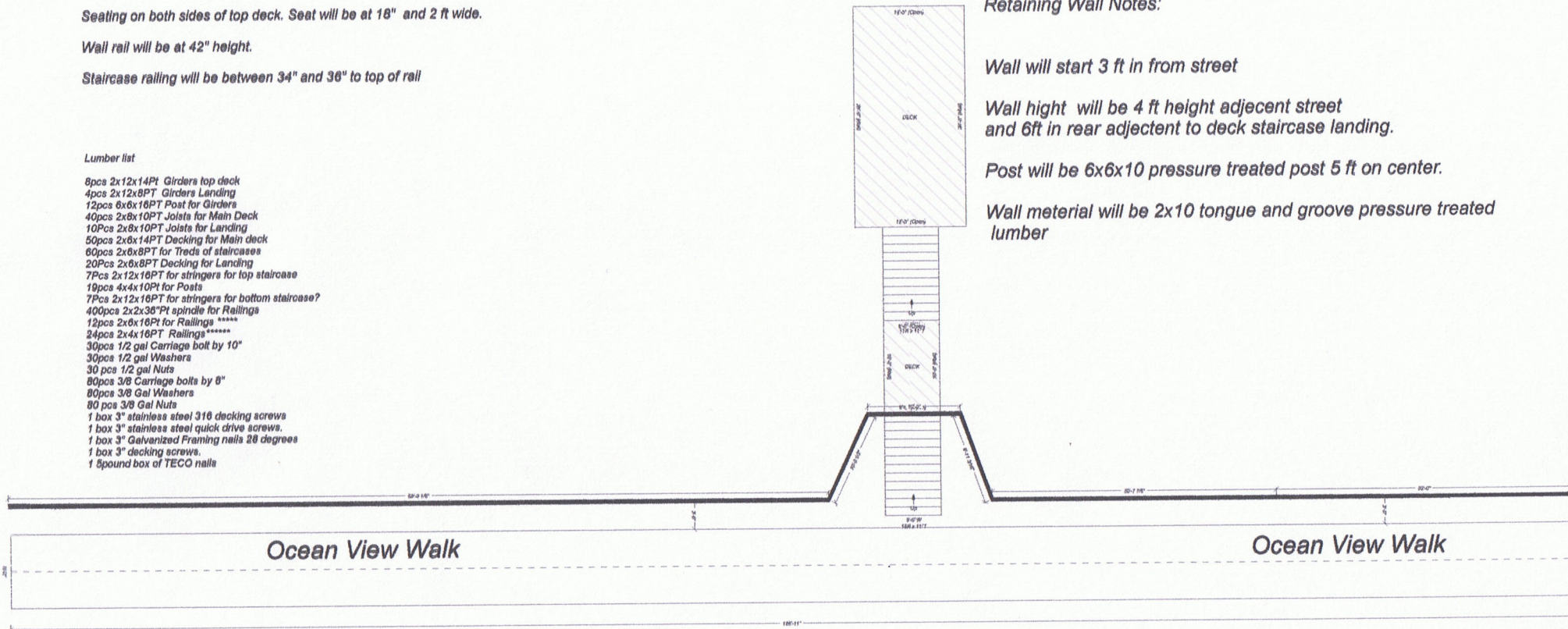
## Retaining Wall Notes:

Wall will start 3 ft in from street

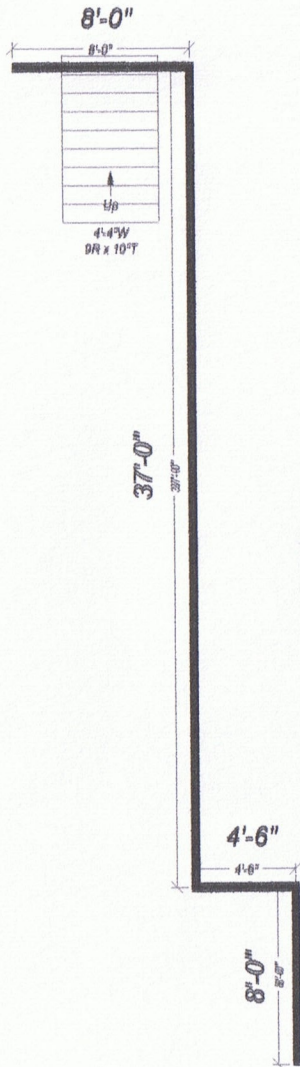
Wall hight will be 4 ft height adjacent street and 6ft in rear adjacent to deck staircase landing.

Post will be 6x6x10 pressure treated post 5 ft on center.

Wall material will be 2x10 tongue and groove pressure treated lumber



# Ocean Breeze Retaining Wall



## Retaining Wall Notes:

*Replace in Kind*

*Wall will start 3 ft in from street*

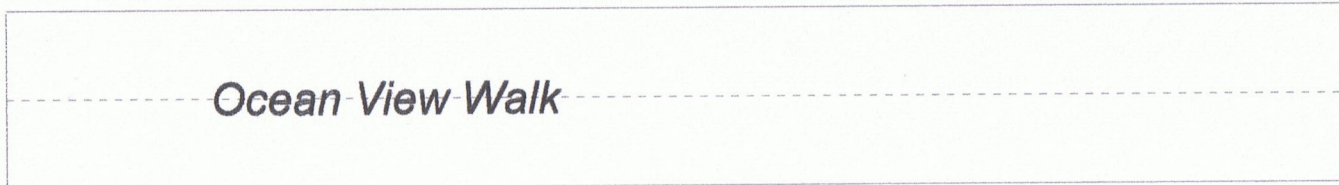
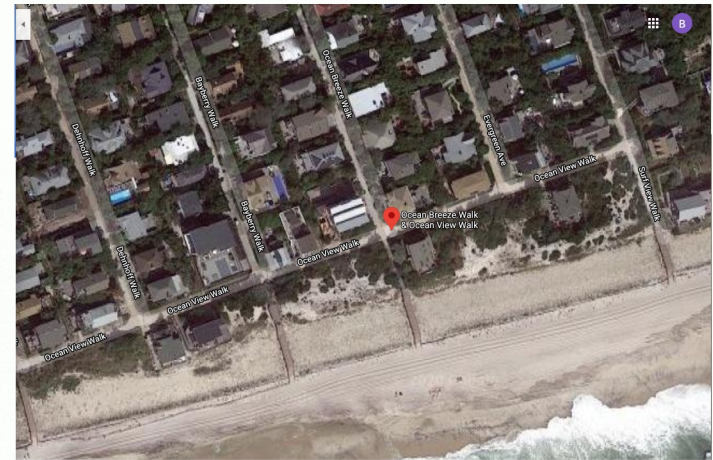
*Wall height will be 5 ft height from street level and 6ft in rear adjacent to deck staircase landing.*

*All posts will be hand dug, in order not to hurt root systems of dune.*

*Post will be 6x6x10 pressure treated lumber 5 ft on center.*

*Deadman post will be install 4ft behind wall post into dune and connected with 5/8 threaded rods and bolts, when able to be placed without destroying existing root systems of dune.*

*Wall material will be 2x10 tongue and groove pressure treated lumber*



Ocean Breeze Walk and Ocean View Walk Retaining Wall

Village of Ocean Beach NY 11770

10/13/20

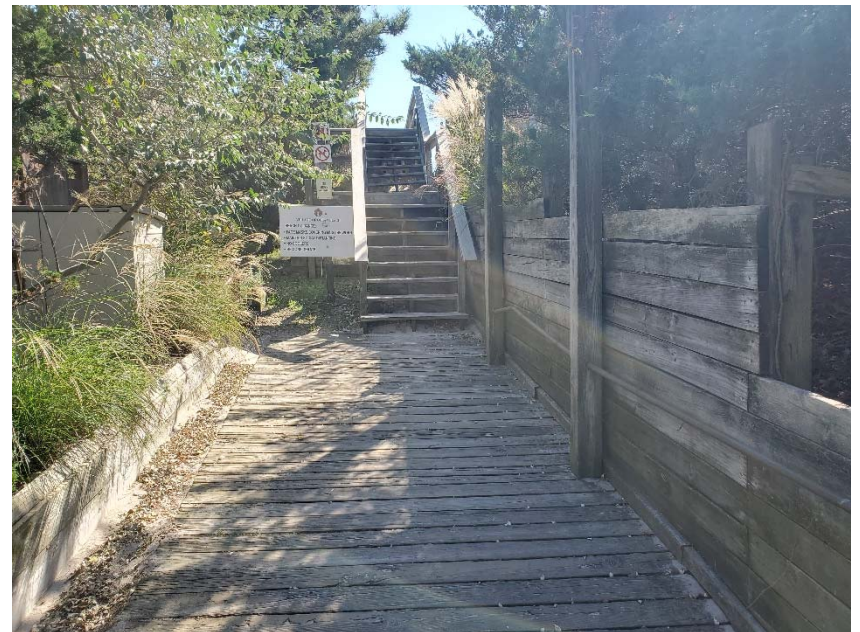
Ocean Beach Walkway & Retaining Wall Construction  
Village of Ocean Beach – Cottage Walk to Surf View Road



LEFT: Cottage Walkway and Retaining Wall



RIGHT: Ocean Breeze Walkway and Retaining Wall



Photos 9/2020  
by Ocean Beach.

Ocean Beach Walkway & Retaining Wall Construction  
Village of Ocean Beach – Cottage Walk to Surf View Road



Bayberry Walkway and Retaining Wall.

Ocean Beach Walkway & Retaining Wall Construction  
Village of Ocean Beach – Cottage Walk to Surf View Road



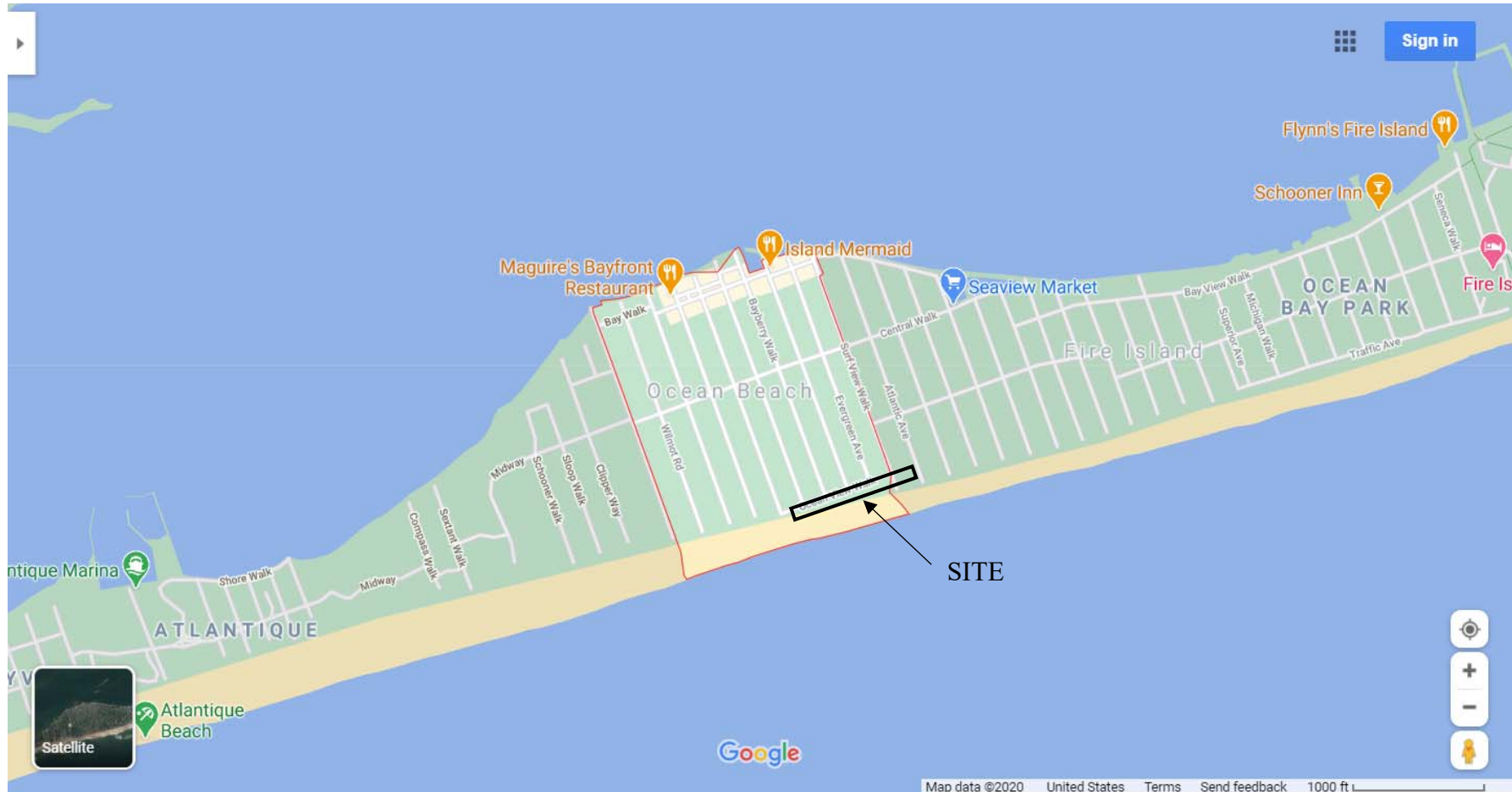
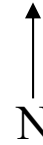
BOTTOM LEFT 2: Photos depicting areas where post installation for retaining wall began. Note that trees and utility poles were avoided.

TOP and BOTTOM RIGHT: Photos depicting areas of proposed retaining wall construction.  
Photos 10/1/2020 by Land Use Ecological Services, Inc.



# Ocean Beach Walkway & Retaining Wall Construction

Village of Ocean Beach, Fire Island | Cottage Walk to Surf View Walk



Land Use Ecological Services, Inc.  
570 Expressway Drive South, Suite 2F  
Medford, NY 11763  
Tel. 631-727-2400 Fax.631-727-2605

Location map taken from Google Maps ([www.google.com](http://www.google.com)).  
Latitude 40 38 40.553 N      Longitude 73 9 16.135 W





To All Regulatory Agencies:

Please be advised that I have retained Land Use Ecological Services, Inc. to act as AGENT for all applications and correspondence pertaining to my project.

Steven Brautigam  
Signature

Steven Brautigam  
Print Name

Village of Ocean Beach Clerk/Treasurer  
Title (Owner, President, Manager, etc.)

10/5/2020  
Date