VILLAGE OF NORTH HAVEN
335 Ferry Road
Sag Harbor, NY 11963
Phone: 631-725-1378 Fax: 631-725-1120

SHORELINE MANAGEMENT PERMIT APPLICATION
FLOOD & EROSION PROTECTION SOLUTIONS

Date: _____

A. Administrative Information

APPLICANT/AGENT (Primary Contact):

Name: _____

Address: _____

_____

Phone: _____

Email: _____

Signature: _____

PLANS PREPARED BY:

Name: _____

Address: _____

_____

Phone: _____

Email: _____

OWNER (If Different)**:**

Name: _____

Address: _____

_____

Phone: _____

Email: _____

Signature: _____

ATTORNEY (if applicable):

Name: _____

Address: _____

_____

Phone: _____

Email: _____

Latest Deed Recorded: _____

Location of Site (Street Address): _____

Does the site front a Private, Village, State or County Road? _____ If so, name of road: _____

Tax Map Description: District: _____ Section: _____ Block: _____ Lot(s): _____

Current Zoning Classification (Check one): ☐ R-1 ☐ R-2

State & Federal Permits Required (List type & appropriate department): _____

_____

Has an EAF Part 1 been filed with the application: _____ Date: _____

B. Existing Site Conditions

1. Shoreline Type

Select the pre-approved shoreline type in accordance with the Classification of Shoreline Type form Section D sign off (Attach the completed Classification of Shoreline Type Section D sign off for reference):

☐ High Bluff ☐ Medium/Low Bluff ☐ Marsh/Beach Shoreline

2. Existing Elevated Walkways or Stairways

a. Is an existing elevated walkway or stairway present at the site? (Check one): ☐ Yes ☐ No
If yes, please answer questions B.2.b. – B.2.c. below and attach photographic documentation of the existing elevated walkway or stairway. If no, skip to Question B.3.: Existing Flood and Erosion Protection Solutions.

b. Please indicate the action that is incorporated in the proposed design of the existing elevated walkway or stairway? (Check one):
☐ Repair/Restoration/Reconstruction ☐ Relocation ☐ Full Replacement ☐ No Action*
*If No Action, skip to Question B.3.: Existing Flood and Erosion Protection Solutions.

c. Please answer the following cost estimation questions and attach a Notarized Affidavit of Cost document for each cost estimation below (if applicable).
   i. Is a Notarized Affidavit of Cost document included as an attachment to this application? (Check one): ☐ Yes ☐ No If yes, what is the notarized date: _____
   ii. Estimated full replacement cost of existing elevated walkway/stairway: $_____
   iii. Estimated cost of the proposed repair/restoration/reconstruction work to the existing elevated walkway/stairway: $_____

iv. Perform the following calculation given the cost values stated above and that are verified by the attached Notarized Affidavit of Cost documents:

$$(B.2.c.iii \div B.2.c.ii.) \times 100 = _____ \%$$

v. Please check the appropriate box based on the answer calculated in question B.2.c.iv.

☐ Major Repairs (Greater than 50%) ☐ Minor Repairs (Less than 50%)

3. Existing Flood and Erosion Protection Solutions

a. Is an existing flood and erosion protection solution present at the site? (Check one): ☐ Yes ☐ No
If yes, please answer questions B.3.b. – B.3.c. below and attach photographic documentation of the existing flood and erosion protection solution. If no, skip to Question B.4.: Permit History.

b. What is the existing solution type and its material? (Ex. Concrete Seawall, timber bulkhead, riprap revetment, etc.):_____

_____

_____

c. If applicable, provide elevations for the crest, toe, and slope of the existing solution in NAVD 88.

Crest El. = _____ Toe El. = _____ Slope = _____

4. **Permit History**

If there is an existing elevated walkway/stairway and/or existing flood and erosion protection solution at the site, please answer the contents of question B.4. below. If an elevated walkway/stairway or flood and erosion protection solution is not present at the site, skip to Question B.5.: Tidal Elevations.

a. What is the federal, state, and local permit history of the project site and/or attach photographic documentation and/or a site survey of pre-March 2022 installation of the existing elevated walkway/stairway and/or flood and erosion protection solution (Continue to project narrative statement, if necessary).

Name of Agency: _____

Permit Authorization Number: _____

Date Issued: _____

Name of Permittee/Certificate Holder: _____

b. Photographic documentation and/or site survey of pre-March 2022 installation of the existing flood and erosion protection solution and/or existing elevated walkway/stairway is attached (Check one):

☐ Yes ☐ No

5. Tidal Elevations

Provide site elevations for High Tide Line (HTL), Mean High Water (MHW), and Mean Low Water (MLW) in NAVD 88.

HTL = _____ MHW = _____ MLW = _____

6. Bluff Failure Triggers (Complete <u>IF APPLICABLE</u>, otherwise move to Question B.7.: Existing Site Description)

Have any one of the Bluff Failure Triggers defined by Code Section 163-98 2.5e occurred at the project site? If yes, check the appropriate Bluff Failure Trigger box that has occurred:

☐	☐	☐
One (1) foot of average horizontal retreat over at least 50% of length of top of the bluff	Two (2) feet of average horizontal retreat over at least 50% of length of toe of the bluff	Destabilization of non-structural components after two (2) documented cases of damage and subsequent repairs

Based on the Bluff Failure Trigger indicated above, check all applicable boxes, and attach the associated REQUIRED documentation to confirm eligibility for a structural solution:

<u>Average horizontal retreat of top and/or toe of the bluff</u>

☐ "As-Built" A-2, T-2 survey after initial project construction

☐ "As-Built" A-2, T-2 survey of existing conditions

☐ Site photographs after initial project construction

☐ Site photographs of existing conditions

☐ Documented maintenance per approved plan

<u>Destabilization of non-structural components</u>

☐ Two (2) documented cases of damage and subsequent repairs (ex. Before & after photographs, maintenance records, etc.)

7. Existing Site Description

a. Briefly describe the existing conditions of the shoreline at the project site (ex. erosion along shoreline, condition of existing shoreline solutions, description of existing vegetation, etc.). Provide a minimum of three (3) photographs showing the existing site conditions and resources found on site. (Continue to project narrative statement if necessary): _____

_____

_____

_____

_____

b. If a high, medium, or low bluff is present at the site, provide the elevations for the crest, toe, and slope of the bluff in NAVD 88 (Provide the same elevations as stated on the Confirmation of Shoreline Type form).

Crest El. = _____ Toe El. = _____ Slope = _____

C. Proposed Site Design

1. Proposed Project

Please indicate the proposed work associated with the project site (Check all that apply).

- ☐ New Elevated Walkway/Stairway (If checked answer question C.1.b.)
- ☐ Repairs to an Existing Elevated Walkway/Stairway
- ☐ New Flood and Erosion Protection Solution
- ☐ Repairs to an Existing Flood and Erosion Protection Solution

2. Proposed Project Description (Continue to project narrative statement if necessary)

a. Describe the proposed work to the shoreline in a detailed narrative. (ex. structural or non-structural solution is proposed, repair of elevated walkway/stairway, structure material, design elevations, vegetation, etc.):_____

_____

_____

_____

_____

_____

_____

b. Has a 75-foot naturalized buffer, consistent with the Village of North Haven, NY Zoning Regulation §163-20 B6, been incorporated into the proposed design and shown on the proposed site plan and cross sections? (Check one): ☐ Yes ☐ No

If no, please state why a 75-foot naturalized buffer is not included in the proposed design: _____

_____

c. Describe, in detail, the construction activities necessary to perform the proposed work. Include construction methods, equipment, site access, staging of materials/equipment, etc.):_____

_____

_____

_____

_____

_____

d. Describe how the proposed work has been designed to not likely cause a measurable increase in erosion at the project site or at other locations:_____

_____

_____

e. Describe the proposed sediment and erosion control measures that will be used during construction to protect the natural resources in the vicinity of the proposed work:_____

_____

_____

f. Describe alternatives that were considered and why they were rejected:_____

_____

_____

g. Anticipated start date and length of time needed to complete construction: _____

_____

h. Estimated cost of proposed project and attach a Notarized Affidavit of Cost document to verify cost:

_____

3. Engineering Design

This section is REQUIRED for proposed projects consisting of **STRUCTURAL** design for flood and erosion protection solution.

a. Provide the coastal engineering design parameters used during the proposed design. Include an explanation of methods/calculations used to determine each in the project narrative statement.

Provide elevations in NAVD 88

Wave Height = _____ Wave Runup = _____

Wave Period = _____ Wave Overtopping = _____

b. Provide the reference information of the associated FEMA Flood Insurance Study (FIS) that represents the project site. (FEMA FIS information can be found using the following website: https://msc.fema.gov/portal/search).

FEMA FIS No. _____ dated _____

FEMA Transect _____

FEMA Flood Zone Delineation _____

c. Provide structural parameters associated with the proposed design. Include an explanation of methods/calculations used to determine each parameter in the project narrative statement.

Check box, if applicable	Structural Parameters	Value
☐	Scour Elevation (in NAVD 88)	_____
☐	Armor Stone Size, D_{50} (in feet)	_____
☐	Filter Stone Size, D_{50} (in inches)	_____
☐	Sand Gradation, D_{50} (in mm)	_____
☐	Tier 1 Design Slope	_____
☐	Tier 2 Design Slope	_____

D. Support Documentation Attached

1. Application Form (12 copies)	☐ Yes	☐ No
2. Short Environmental Assessment Form (12 copies)	☐ Yes	☐ No
3. Project Narrative Statement (12 copies)	☐ Yes	☐ No
4. Long-term Maintenance Program Summary (12 copies)	☐ Yes	☐ No
5. Site Photographs (Three (3) minimum) (12 copies)	☐ Yes	☐ No
6. Bluff Failure Trigger Documentation (if applicable) (12 copies)	☐ Yes	☐ No
7. Shoreline Management Application Fee	☐ Yes	☐ No
8. Shoreline Solution Consultant Review Fee	☐ Yes	☐ No
9. Authorization Form from Property Owner	☐ Yes	☐ No
10. Agent Authorization Form from Property Owner (if required)	☐ Yes	☐ No
11. Current Certificate of Occupancy / copy of deed	☐ Yes	☐ No
12. Vicinity Map of Project Site (Min Scale: 1:24,000) (12 copies)	☐ Yes	☐ No
13. Existing Survey / Site Plan & Cross Sections (12 stamped originals) (Signed and Sealed by a Licensed Surveyor or Professional Engineer Licensed in the State of New York, as appropriate)	☐ Yes	☐ No
14. Proposed Survey / Site Plan & Cross Sections including naturalized buffer (12 copies) (Signed and Sealed by a Professional Engineer Licensed in the State of New York, as applicable for structural solutions & elevated walkways/stairways)	☐ Yes	☐ No
15. NYS DEC Permit with Stamped DEC Approved Plan (12 copies)	☐ Yes	☐ No
16. USACE Permit with Verification Letter (if applicable) (12 copies)	☐ Yes	☐ No
17. Notarized Affidavit of Cost – Elevated Walkway/Stairway (Two, if applicable)	☐ Yes	☐ No
18. Notarized Affidavit of Cost – Proposed Project	☐ Yes	☐ No
19. Confirmation of Shoreline Type Section D Sign Off	☐ Yes	☐ No
20. Pre-March 2022 Photographic Documentation and/or Site Survey (if applicable)	☐ Yes	☐ No
21. Digital Copy of All Application Materials (PDF Format on a Thumb Drive)	☐ Yes	☐ No

I hereby depose and certify that all the above statements of information and all statements and information contained in the supporting documentation and drawings attached hereto are true and correct.

_____
Owner's Signature

STATE OF _____)
ss:
COUNTY OF _____)

On the _____ day of _____, in the year_____, before me personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is/are subscribed to this instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed this instrument.

_____
Notary Public