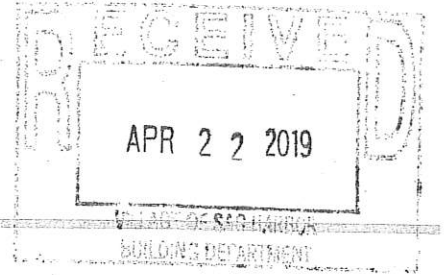




P.W. GROSSER CONSULTING
TRANSMITTAL LETTER



DATE April 16, 2019

TO Village of Sag Harbor
 Harbor Committee
 55 Main Street
 Sag Harbor, NY
 631-725-0222

FROM Jenny Lund, PE, LEED GA (jennyl@pwgrosser.com)

RE Village of Sag Harbor Havens Beach Coastal Assessment Form

Attached Under separate cover Overnight Regular mail:

Qty.	DESCRIPTION
1	Original of the following documents: <ul style="list-style-type: none"> • Coastal Assessment Form • Coastal Assessment Form Narrative
9	Copies of the following documents: <ul style="list-style-type: none"> • Coastal Assessment Form • Coastal Assessment Form Narrative

Hi,

Attached please find our completed Coastal Assessment Form and narrative.

If you could please let me know if you have any questions.

Jenny Lund



INC. VILLAGE OF SAG HARBOR
 55 MAIN ST. • PO BOX 660
 SAG HARBOR, NY 11963
 (631) 725-0222

COASTAL ASSESSMENT FORM
CHAPTER 275: WATERFRONT CONSISTENCY REVIEW

COPY

APR 22 2019

VILLAGE OF SAG HARBOR
 PLANNING DEPARTMENT

NAME OF PROPOSED ACTION: _____ **SUFFOLK COUNTY TAX MAP NUMBER(S):** _____

Havens Beach Drainage Improvements 0302 - 3 - 1 - 7.2

STREET ADDRESS OF PROPOSED ACTION: _____

Hempstead Street, Sag Harbor, NY _____

INSTRUCTIONS

1. Applicants—or in the case of direct actions, Village agencies—shall complete this Coastal Assessment Form (CAF) for proposed actions which are subject to Chapter 275 of the Village Code, entitled Waterfront Consistency Review. This assessment is intended to supplement other information used by a Village agency in making a determination of consistency.
2. Before answering the questions in Section C, the preparer of this form should review the policies contained within the Local Waterfront Revitalization Program (LWRP) and their explanations. A copy of the LWRP is on file in the Village Clerk's office and on the Village's website. A proposed action should be evaluated as to whether it will have any significant beneficial and adverse effects upon the coastal area.
3. If any question in Section C of this form is answered "YES," then the proposed action may affect the achievement of the LWRP policy standards and conditions contained in Chapter 275, Waterfront Consistency Review of the Village Code (the "Waterfront Consistency Review Law"). Thus, the action should be analyzed in more detail and, if necessary, modified prior to making a determination that it is consistent to the maximum extent practicable with the LWRP policy standards and conditions. If an action cannot be certified as consistent with the LWRP policy standards and conditions, it shall not be undertaken.

A. CONTACT INFORMATION *(Please print or type answers)*

Applicant: Village of Sag Harbor

Mailing Address: 55 Main Street, P.O. BOX 660, Sag Harbor, NY 11963

Telephone Number: (631) 725-0222

Owner *(if not the applicant)*: _____

Mailing Address: _____

Telephone Number: () _____

Attorney *(if applicable)*: _____

Mailing Address: _____

Telephone Number: () _____

**INCORPORATED VILLAGE OF SAG HARBOR
COASTAL ASSESSMENT FORM**

B. DESCRIPTION OF PROPOSED ACTION AND PROJECT SITE

1. Type of Village Agency Action (*check appropriate response*):

- Directly undertaken (e.g., capital construction, planning activity, agency regulation, land transaction).
- Financial assistance (e.g., grant, loan, subsidy).
- Permit, approval, license, certification.

2. If an application for the proposed action has been filed with another agency, provide the Application Number; the Approval/Filing Date; and the Contact Person. Please be sure that all approvals are consistent with the action seeking approval from the Village of Sag Harbor.

(a) NYS Dept. of Environmental Conservation Application Submitted 3/8/2019

(b) NYS Dept. of State Application Submitted 3/8/2019

(c) US Army Corps of Engineers Application Submitted 3/8/2019

(d) Southampton Town Trustees N/A

(e) Other N/A

(f) *Please provide copies of all approvals and approved/submitted plans with this Coastal Assessment Form. Any documents that are attached should be indicated in Section E.*

3. To your knowledge, has this project site every been granted approval by any Village Agency for any other project? Yes No Not Applicable

(a) *If "Yes," please indicate the agency, type of approval, date of approval and name of previous applicant/owner in Section E or on a separate sheet. If "Not Applicable," please indicate why in Section E or on a separate sheet.*

4. Describe Nature and Extent of Proposed Action (indicate any proposed structures, including sanitary systems, drywells, swimming pools, patios, driveways, decks, etc.):

The nature of the proposed action is to reduce flooding along Hempstead Street, maintain phragmites within drainage ditch to prevent loose material from blocking flow patch in drainage ditch and from outcompeting with the current water plants, and to improve access to the existing SmartSponge Chamber which reduces bacteria, hydrocarbons, and particulate pollution from entering the bay. The proposed action includes installing a 24" HDPE pipe, trimming (mowing) phragmites on a routine (annual) basis, installing a new top slab and access hatch on the SmartSponge Chamber as the current access is too constricting for workers to use to change filter media material, and to install rip rap to minimize scour at the headwalls/outfalls. It should be noted that the proposed maintenance to phragmites includes trimming (mowing) the tops of the phragmites, the phragmites will not be removed in their entirety, nor will excavation or addition of soil occur. Per the US Fish and Wildlife services trimming (mowing) phragmites in consecutive years has shown to be successful in controlling phragmitie growth.

5. Location of Proposed Action: Hempstead Street between 43 Hempstead Street and 51 Hempstead Street. Drainage ditch located at Havens Beach located between Hempstead Street and the beach.

6. Total Size of Project Site

(a) Acres: 19.112

(b) Square Feet: 832,546

**INCORPORATED VILLAGE OF SAG HARBOR
COASTAL ASSESSMENT FORM**

7. Land Use:

(a) Existing: Drainage Ditch, Beach, Public Space

(b) Proposed: Drainage Ditch, Beach, Public Space

8. Existing Zoning District: PC - Parks and Conservation

9. FEMA Flood Zone: VE, AE, X

10. Describe any unique or unusual landforms on or around the project site (e.g., bluffs, dunes, swales, ground depressions, other geological formations):

The northern portions of the site is comprised of beach land with a drainage ditch extending from the beach at the north to Hempstead Street at the south (drainage ditch bisects Haven's Beach). Drainage ditch is approximately 885 feet long.

11. Approximate Depth to Groundwater: 5 ft.

12. Percentage of site which contains slopes of 15% or greater: 7 %

13. If there are any wetlands or bodies of water (e.g., stream, lake, pond, bay, harbor, etc.) located contiguous with, adjacent to, or entirely within the project site, please indicate the following:

(a) Name of Water Body (if applicable): Sag Harbor (Shelter Island Sound), Drainage Ditch

(b) Area of Wetlands or Water on Project Site: 35,000 sq. ft. * Water area of ditch plus surrounding vegetation

14. How much natural vegetation, if any, will be removed from the project site? 15,000 sq. ft.

Vegetation to be removed will include cutting invasive phragmites in the drainage ditch. Roots will not be disturbed.

C. COASTAL ASSESSMENT

INSTRUCTIONS FOR COASTAL ASSESSMENT

If the answer to any questions within this Section C is "YES," please provide either further explanation in Section D or attach a separate sheet with the explanation. If a separate sheet is attached, please indicate this in Section D. The question number should be referenced within each explanation that is provided—e.g., Question 1(a).

Please note that answering "NO" to every question will not exclude the proposed action from the Waterfront Consistency Review Process.

YES NO

1. Will the proposed action be located in, or contiguous to, or have a potential adverse effect upon any of the resource areas identified on the coastal map:

(a) Significant fish or wildlife habitats?..... ✓ _____

(b) Scenic resources of local or statewide significance?..... _____ ✓

(c) Natural protective features in an erosion hazard area?..... _____ ✓

**INCORPORATED VILLAGE OF SAG HARBOR
COASTAL ASSESSMENT FORM**

	<u>YES</u>	<u>NO</u>
2. Will the proposed action have a significant effect upon:		
(a) Commercial or recreational use of fish and wildlife resources?.....	_____	✓
(b) Scenic quality of the coastal environment?	_____	✓
(c) Development of future or existing water-dependent uses?.....	_____	✓
(d) Land or water uses along the shorefront or within 1,500 feet of the shoreline?	_____	✓
(e) Stability of the shoreline?	_____	✓
(f) Surface or groundwater quality?.....	✓	_____
(g) Existing or potential public recreation opportunities?.....	_____	✓
(h) Structures, sites or districts of historic, archaeological or cultural significance to the village, town, county, state or nation?....	_____	✓

	<u>YES</u>	<u>NO</u>
3. Will the proposed action involve or result in any of the following:		
(a) Physical alteration of land along the shoreline, underwater lands, or coastal waters?.....	✓	_____
(b) Physical alteration of an area of land located elsewhere in the Waterfront Revitalization Area?.....	✓	_____
(c) Expansion of existing public services or infrastructure in undeveloped or low density areas of the coastal area?	_____	✓
(d) Energy facility not subject to Article VII or VIII of the Public Service Law?	_____	✓
(e) Mining, excavation, filling or dredging in coastal waters?.....	✓	_____
(f) Reduction of existing or potential public access to or along the shore?	_____	✓
(g) Sale or change-in-use of publicly owned lands located on the shoreline or underwater?.....	_____	✓
(h) Development within a designated flood or erosion hazard area?	✓	_____
(i) Development on a beach, dune, barrier island or other natural feature that provides protection against flooding or erosion?.....	✓	_____
(j) Construction or reconstruction of erosion protective structures?	_____	✓
(k) Diminished surface or groundwater quality?.....	_____	✓
(l) Removal of ground cover from the site?.....	_____	✓

**INCORPORATED VILLAGE OF SAG HARBOR
COASTAL ASSESSMENT FORM**

	<u>YES</u>	<u>NO</u>	<u>N/A</u>
4. If the project site is publicly owned and located adjacent to the shore, answer the questions below. <i>If not, continue to Question 5.</i>			
(a) Will the project protect, maintain and/or increase the level and types of public access to water-related recreation resources and facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) If located in the foreshore, will access to those and adjacent lands be provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<u>YES</u>	<u>NO</u>	
5. If the proposed action is located adjacent to shore, answer the questions below. <i>If not, continue to Question 6.</i>			
(a) Will water-related recreation be provided?.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(b) Will public access to the foreshore be provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(c) Does the project require a waterfront site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(d) Will it supplant a recreational or maritime use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(e) Do essential public services and facilities presently exist at or near the site?.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(f) Is it located in an area of high erosion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	<u>YES</u>	<u>NO</u>	
6. If the project site is publicly owned, answer the questions below. <i>If not, continue to Question 7.</i>			
(a) Will it involve the siting and construction of any major energy facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(b) Will it involve the discharge of effluents from major stream electric generating and industrial facilities into coastal facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	<u>YES</u>	<u>NO</u>	
7. Is the project site presently used by the community neighborhood as an open space or recreation area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. Does the present site offer or include scenic views or vistas known to be important to the community?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. Is the project site used for commercial fishing or fish processing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**INCORPORATED VILLAGE OF SAG HARBOR
COASTAL ASSESSMENT FORM**

	<u>YES</u>	<u>NO</u>
10. Will the surface area of any waterways or wetland areas be increased or decreased by the proposal?.....	_____	✓
(a) Increased by: _____ square feet		
(b) Decreased by: _____ square feet		
11. Do any mature forest (over 100 years old) or other locally important vegetation existing on this site which will be removed by the project? ..	_____	✓
12. Does any locally important vegetation existing on this site which will be removed by the project?.....	_____	✓
13. Will the project involve any waste discharges into coastal waters including, but not limited to, stormwater runoff?.....	✓	_____
14. Does the project involve surface or subsurface liquid waste disposal (e.g., sanitary/septic waste, stormwater runoff, etc.)?	✓	_____
15. Does the project involve transport, storage, treatment or disposal of solid waste or hazardous materials?	_____	✓
16. Does the project involve shipment or storage of petroleum products?....	_____	✓
17. Does the project involve discharge of toxins, hazardous substances or other pollutants into coastal waters?.....	_____	✓
18. Does the project involve or change existing ice management practices?.....	_____	✓
19. Will the project alter drainage flow, patterns or surface water runoff on or from the site?	✓	_____
20. Will best management practices be utilized to control stormwater runoff into coastal waters?.....	✓	_____
21. Will the project utilize or affect the quality or quantity of sole source or surface water supplies?	_____	✓
22. Will the project cause emissions which exceed federal or state air quality standards or generate significant amounts of nitrates or sulfates into the atmosphere?	_____	✓

D. REMARKS OR ADDITIONAL INFORMATION

(Please list any and all additional sheets that are to be used to complete/supplement this form.)

From Question B.3: Project site previously received approval from the Harbor Committee for LWRP Consistency Review on January 9, 2012 (Applicant: Incorporated Village of Sag Harbor). The Board of Trustees of the Village of Sag Harbor accepted the findings of the Harbor Committee on January 10, 2012.

Additional Sheets: Coastal Assessment Narrative (4 Pages)



INC. VILLAGE OF SAG HARBOR
 55 MAIN ST. • PO BOX 660
 SAG HARBOR, NY 11963
 (631) 725-0222

COASTAL ASSESSMENT FORM
CHAPTER 275: WATERFRONT CONSISTENCY REVIEW
SECTION E: LWRP CONSISTENCY REVIEW CHECKLIST

MESSAGE TO THE APPLICANT:

The section that follows will be used by the Harbor Committee to determine whether the project is consistent with the Village of Sag Harbor Local Waterfront Revitalization Program (LWRP). The policies listed in this section are fully described in Section III of the LWRP.

– FOR USE BY SAG HARBOR VILLAGE HARBOR COMMITTEE –

E. LWRP CONSISTENCY REVIEW CHECKLIST

“The policies for the Village of Sag Harbor’s local waterfront revitalization area are based on the economic, environmental and cultural characteristics of the Village’s waterfront area. The policies reflect existing laws and authority regarding development and environmental protection throughout the Village’s local waterfront area. The application of these policies will guide an appropriate balance between economic development, preservation and restoration to promote beneficial use of, and prevent adverse effects on, the Village’s coastal resources. No policy should be viewed as of being more significant than any other.” *(Excerpt from introduction of Section III of the LWRP, entitled “Waterfront Revitalization Program Polices.”)*

	Is the Project Consistent?		
	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<u>Policy 1:</u> (III-3) Foster a pattern of development in the Village of Sag Harbor that makes beneficial use of its coastal location, enhances community character, preserves open space, makes efficient use of existing infrastructure, and minimizes adverse effects of development.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 1.1:</u> (III-4) Sustain the pattern of existing land use which defines Sag Harbor as a historic port.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 1.2:</u> (III-7) Protect and enhance residential areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 1.3:</u> (III-7) Maintain and enhance natural areas, open space, and recreational lands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 1.4:</u> (III-8) Ensure that development and uses make beneficial use of Sag Harbor’s coastal location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 1.5:</u> (III-8) Minimize adverse impacts of new development and redevelopment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Is the Project Consistent?		
	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<u>Policy 2:</u> (III-8) Sustain the Village of Sag Harbor as a center of maritime activity and suitable location for water-dependent uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.1:</u> (III-9) Protect existing water-dependent uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.2:</u> (III-9) Allow for new commercial and recreational water-dependent uses in the <i>Waterfront Functional Area</i> , consistent with local zoning. [See Sub-Policy 1.1]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.3:</u> (III-9) Ensure that development and uses make beneficial use of Sag Harbor's coastal location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.4:</u> (III-9) Provide sufficient infrastructure for water-dependent uses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.5:</u> (III-9) Promote efficient harbor operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 2.6:</u> (III-10) Participate in regional inter modal transportation activities that enhance maritime character and provide an alternative transportation method.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 3:</u> (III-10) Promote sustainable use of living marine resources in Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 3.1:</u> (III-10) Ensure the long-term maintenance and health of living marine resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 3.2:</u> (III-11) Provide for commercial and recreational use of finfish, shellfish, crustaceans, and marine plants.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 3.3:</u> (III-11) Promote recreational use of marine resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 4:</u> (III-11) Minimize loss of life, structures, and natural resources from flooding and erosion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 4.1:</u> (III-12) Minimize losses of human life and structures from flooding hazards and erosion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Is the Project Consistent?		
	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<u>Sub-Policy 4.2:</u> (III-12) Preserve and restore natural protective features.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 4.3:</u> (III-12) Protect public lands and public trust lands and use of these lands when undertaking all erosion or flood control projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 4.4:</u> (III-13) Manage navigation infrastructure to limit adverse impacts on coastal processes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 4.5:</u> (III-13) Ensure that expenditure of public funds for flooding and erosion control projects results in a public benefit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 4.6:</u> (III-13) Consider a sea level rise in the siting and design of projects involving substantial public expenditure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 5:</u> (III-13) Protect and improve water quality and supply in waters of the Village of Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 5.1:</u> (III-14) Prohibit direct or indirect discharges which would cause or contribute to contravention of water quality standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 5.2:</u> (III-15) Minimize nonpoint pollution of coastal waters and manage activities causing nonpoint pollution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 5.3:</u> (III-17) Protect and enhance water quality of coastal waters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 5.4:</u> (III-17) Protect and conserve the quality of potable water.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 6:</u> (III-18) Protect and restore the quality and function of the Village of Sag Harbor ecosystem.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 6.1:</u> (III-18) Protect and restore ecological quality throughout Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 6.2:</u> (III-19) Development within or near the Sag Harbor and Northwest Harbor Significant Coastal Fish and Wildlife Habitat shall be sited so as not to impair the viability of the habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 6.3:</u> (III-21) Protect and restore tidal wetlands.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Is the Project Consistent?		
	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<u>Policy 7:</u> (III-23) Provide for public access to and recreation opportunities on waters, public lands, and public resources of the Village of Sag Harbor, Local Waterfront Revitalization Area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.1:</u> (III-24) Promote appropriate and adequate physical public access and recreation through the Village of Sag Harbor coastal area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.2:</u> (III-24) Provide physical linkages between public parks, open spaces, public trust lands, and nearshore surface waters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.3:</u> (III-25) Provide public visual access to coastal lands and waters or open space at all sites where physically practical.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.4:</u> (III-25) Preserve the public interest in and use of lands and waters held in public trust by New York State, Suffolk County and the Towns of East Hampton and Southampton.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.5:</u> (III-26) Assure public access to public trust lands and navigable waters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 7.6:</u> (III-26) Provide access and recreation which are compatible with natural resource values.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 8:</u> (III-26) Preserve resources in the Village of Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 8.1:</u> (III-27) Maximize preservation and retention of historic resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 8.2:</u> (III-28) Protect and preserve archaeological resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 8.3:</u> (III-29) Protect and enhance resources that are significant to the coastal culture of Sag Harbor & the Peconic Bay Area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 9:</u> (III-29) Enhance visual quality and protect scenic resources in the Village of Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 9.1:</u> (III-30) Protect and improve visual quality in the Village of Sag Harbor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Is the Project Consistent?		
	<u>YES</u>	<u>NO</u>	<u>N/A</u>
<u>Policy 10:</u> (III-31) Protect and improve air quality in Long Island.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 10.1:</u> (III-31) Control or abate existing and prevent new air pollution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 10.2:</u> (III-31) Limit discharges of atmospheric radioactive material to a level that is as low as practicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 10.3:</u> (III-31) Limit sources of atmospheric deposition of pollutants to the Long Island Sound and Peconic Bays, particularly from nitrogen sources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Policy 11:</u> (III-31) Minimize environmental degradation in the Long Island Coastal area from solid waste and hazardous substances and wastes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.1:</u> (III-31) Manage solid waste to protect public health and control pollution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.2:</u> (III-31) Manage hazardous wastes to protect public health and control pollution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.3:</u> (III-31) Protect the environment from degradation due to toxic pollutants and substances hazardous to the environment and public health.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.4:</u> (III-31) Prevent and remediate discharge of petroleum products.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.5:</u> (III-31) Transport solid waste and hazardous substances and waste in a manner which protects the safety, well-being, and general welfare of the public; the environmental resources of the State; and the continued use of transportation facilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sub-Policy 11.6:</u> (III-31) Site solid and hazardous waste facilities to avoid potential degradation of coastal resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Coastal Assessment Form (CAF) Narrative

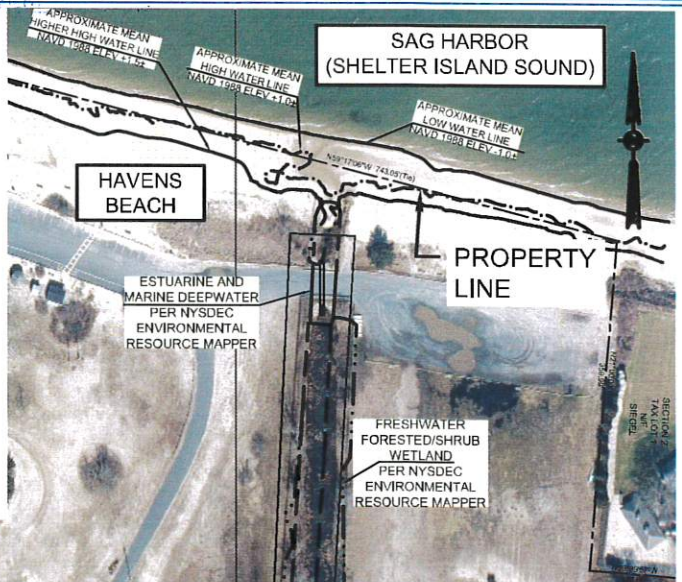
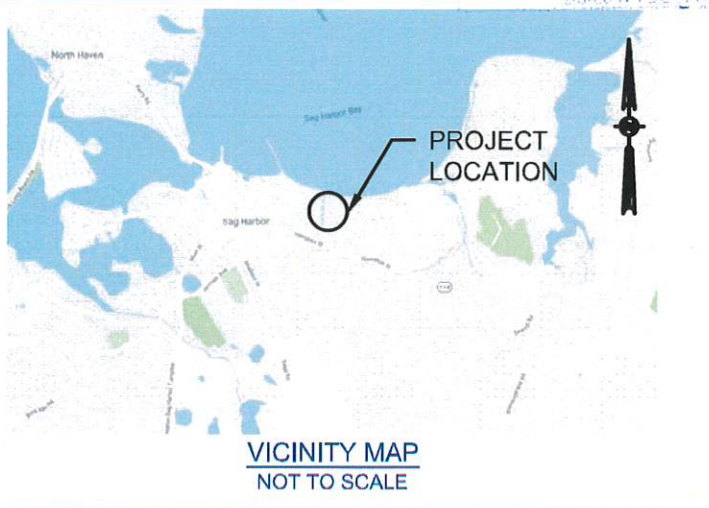
Item and Description	Explanation
1. (a)	The proposed action will involve work in an area contiguous to Sag Harbor Bay which is a significant coastal fish and wildlife habitat. The proposed project will not have an adverse effect on these resources, as the proposed activity will not interfere with the significant habitats in Sag Harbor Bay. The project proposes to improve the water quality in the drainage ditch which has an outfall to Sag Harbor Bay.
2. (f)	The proposed action will have an effect on the surface water quality in the drainage ditch, however the effect will be a positive effect. The propose project intends to improve the flow through the drainage ditch and to improve the stormwater runoff water quality by improving access to the Smartsponge Chamber (to allow for media to be easily changed) and by cutting phragmites to allow for an increase number of native species to grow within the drainage ditch.
3. (a)	The proposed action will involve physical alteration of underwater lands located within a drainage ditch which is used to convey stormwater runoff. The physical alteration will involve installing minimal amounts stone rip rap to prevent erosion of wetlands and beach materials at the drainage culvert outfalls. This action will not have an adverse impact on the underwater lands or coastal waters and will serve to improve the condition, as to minimize future erosion during storm events.
3. (b)	<p>The proposed action will involve the physical alteration of an area of land located in the Waterfront Revitalization Area. The proposed project is consistent with the Local Waterfront Revitalization Program with the following excerpt applicable to the project area.</p> <ul style="list-style-type: none"> • <i>"The development of a bio-filtration system at Haven's Beach would mitigate this problem. Surface flows in the ditch would be diverted through the created wetland system to allow for settlement and some pretreatment of stormwater prior to discharge into Sag Harbor Bay. This detention system is expected to significantly reduce the load of suspended solids, pathogens, dissolved nutrients (i.e., nitrogen and phosphorus compounds, especially ammonia), oxygen-demanding substances, and certain metals currently carried in the stormwater runoff flowing through the ditch. After passing through the wetland system, flows would be diverted back into the drainage ditch to outlet to Sag Harbor Bay. Construction of this system is planned to begin in the spring of 1999."</i> <p>The Village has already under taken the installation of a bio-filtration system (the SmartSponge System), the drainage ditch was dredged to remove sediments, and water plants were added to the rehabilitated drainage ditch. The proposed action will improve these original modifications and will provide easier access to the SmartSponge System</p>

	and will remove phragmites that have proliferated within the drainage ditch. The phragmites can outcompete with the native plant species that were installed following the dredging of the drainage ditch and can cause these native plant species to perish. These native plant species provide additional nutrients to the wetland system which aids in improving water quality.
3. (e)	The proposed action will involve minimal filling in coastal waters. The filling includes installing stone rip rap to prevent erosion of wetlands and beach materials at the drainage culvert outfalls (the rip rap will be in a gabion mattress to prevent washout). This action will not have an adverse impact on coastal waters and will serve to improve the condition, as to minimize future erosion during storm events. Approximately 6 cubic yards will be filled below mean high water and 18 cubic yards will be installed above mean high water. The gabion mattress will be installed to the north of the northern headwall and additional stone rip rap will be installed to the north of the southern headwall (the initial discharge point from the storm drainage pipe).
3. (h)	The proposed action will involve development within a designated flood area, however the proposed development does not include the construction of a building. The subject site is located within Flood Zone VE with a base flood elevation of 9 for the northern portion of the site (to the north of the drainage ditch and Flood Zone AE with a base flood elevation of 7 for the drainage ditch. The proposed project includes the installation of a new drainage pipe along the southern portion of the site, installing a new top slab and access hatch to the SmartSponge Chamber, and trim (mowing) phragmites to allow for water plants to grow in the drainage ditch. The implementation of these modifications will not have an adverse impact on the base flood elevation or storm waters.
3. (i)	The proposed action will involve development within a beach that provides protection against flooding or erosion, however the proposed development does not include the construction of a building. The portion of the project which is development within a beach area includes installing a gabion mattress to prevent washout at the drainage ditch culvert outfall. The installation of the gabion mattress will aid in preventing erosion and scour along the beach at the drainage outfall.
4. (a)	The project site is publicly owned and located adjacent to the shore. The proposed project will maintain the level and type of public access to water-related recreation resource and facilities and potentially increase public access. Haven's Beach is a publicly owned waterfront area that offers swimming and picnicking opportunities. There are existing recreational and sanitary facilities and one small building which houses a comfort station and the office and equipment for the lifeguards who supervise the facility in the summer season. The access and parking will remain the same, with no changes to the existing facilities. The installation of a new top slab on the SmartSponge Chamber will allow for easier access to allow for the filter media to be changed and the trimming of the phragmites will improve growth conditions for the water plants. Both of these measures will aid to improve bacteriological conditions

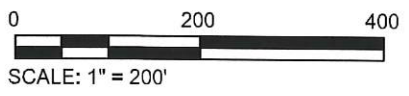
	within the drainage ditch and stormwater outfall, which may increase use and access to the facility.
5. (a)	The proposed action will provide water-related recreation activities. As the proposed project is not changing the use or function of Haven's Beach, there will be no adverse impacts to the water-related recreation activities that take place.
5. (b)	The proposed access will not alter public access to the foreshore. Presently access is provided to the foreshore along the northern portion of the site, adjacent to the gravel parking area. The access to this area will not be changing due to the proposed project.
5. (c)	The proposed project does require a waterfront site. The proposed project is improving the condition of a drainage ditch with no change in use proposed. The site is open for public use and will remain as such.
7.	The project site is presently used by the community neighborhood as a recreation area. The proposed project will not change the use or public/community accessibility.
8.	The present site offers and includes scenic views and vistas that are known to be important to the community. The proposed project is improving the condition of a drainage ditch with no change in use proposed. The site is open for public use and will remain as such.
13.	<p>The proposed project will involve discharging stormwater runoff into the adjacent waters. The current discharge location is from the drainage ditch outfall to the harbor via surface runoff, which will not be altered by the proposed project. The proposed project does not include increasing stormwater discharge volume or impervious area (adding an additional drainage pipe from Hempstead Avenue to the drainage ditch will increase flow during heavy rainfall events, but will not increase volume). Per the Local Waterfront Revitalization Program:</p> <ul style="list-style-type: none"> • <i>"...Haven's Beach is bisected by a drainage ditch which outlets to Sag Harbor Bay. This ditch carries stormwater runoff collected along Bay Street and Hempstead Street. This runoff is conveyed into this ditch without pretreatment to remove pollutants. It is also suspected that the runoff flowing through the Haven's Beach drainage ditch is contaminated with a number of nonpoint source pollutants that migrate to storm drains or directly into the ditch from nearby roadways in the adjacent watershed area. The pollutant loads carried through this drainage ditch can have a significant impact on the receiving waters of the bay, which have recently been experiencing water quality degradation problems (based on the NYSDEC's sampling conducted between October 1991 and July 1994)."</i> <p>The Village has already under taken the installation of a bio-filtration system (the SmartSponge System), the drainage ditch was dredged to remove sediments, and water plants were added to the rehabilitated drainage ditch. The proposed action will improve these original modifications and will provide easier access to the SmartSponge System</p>

	and will remove phragmites that have proliferated within the drainage ditch. The phragmites can outcompete with the native plant species that were installed following the dredging of the drainage ditch and can cause these native plant species to perish. These native plant species help to remove excess nutrients in the wetland system which aids in improving water quality. The proposed project will not decrease the volume of stormwater runoff, but will help improve the overall quality of the stormwater runoff entering the adjacent waters.
14.	The project involves surface recharging of stormwater runoff, as the proposed project includes modifying an existing drainage ditch. Presently, the drainage ditch system conveys water from Hempstead Street to the harbor through a pipe, culvert, and drainage ditch. The project will not alter the surface recharging of stormwater but will aid in improving the water quality in the drainage ditch outfalls to Sag Harbor Bay. No modifications or additions to the sanitary or septic waste is proposed.
19.	The proposed project will alter drainage flow and surface water runoff from the site. Presently, the runoff is discharged directly into the harbor as surface runoff from the drainage ditch. Although the runoff will still enter the harbor via surface runoff, modifications will be made to the drainage ditch to improve the water quality. The addition of a new drainage pipe from Hempstead Street will improve drainage flow and reduce flooding during heavy rainfall events that occurs on Hempstead Street and has caused flooding of nearby residences. The proposed project will not have an adverse impact on the drainage flow or surface water runoff.
20.	During construction best management practices will be utilized to control stormwater runoff into coastal waters. This will include the installation of erosion and sediment control measures during construction. Measures such as installing silt fencing and hay bales, as well as protecting catch basins will be implemented in order to prevent stormwater from the construction site from entering the harbor.

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MAY 16 2019
VILLAGE OF SAG HARBOR



BACKGROUND IMAGE SOURCE: NYS ORTHOS
 SURVEY: F. MICHAEL HEMMER, LS. P.C., JUNE 2011
 SITE LOCATION: 40°59'56.98" N, 72°17'00.14"W



LOCATION PLAN

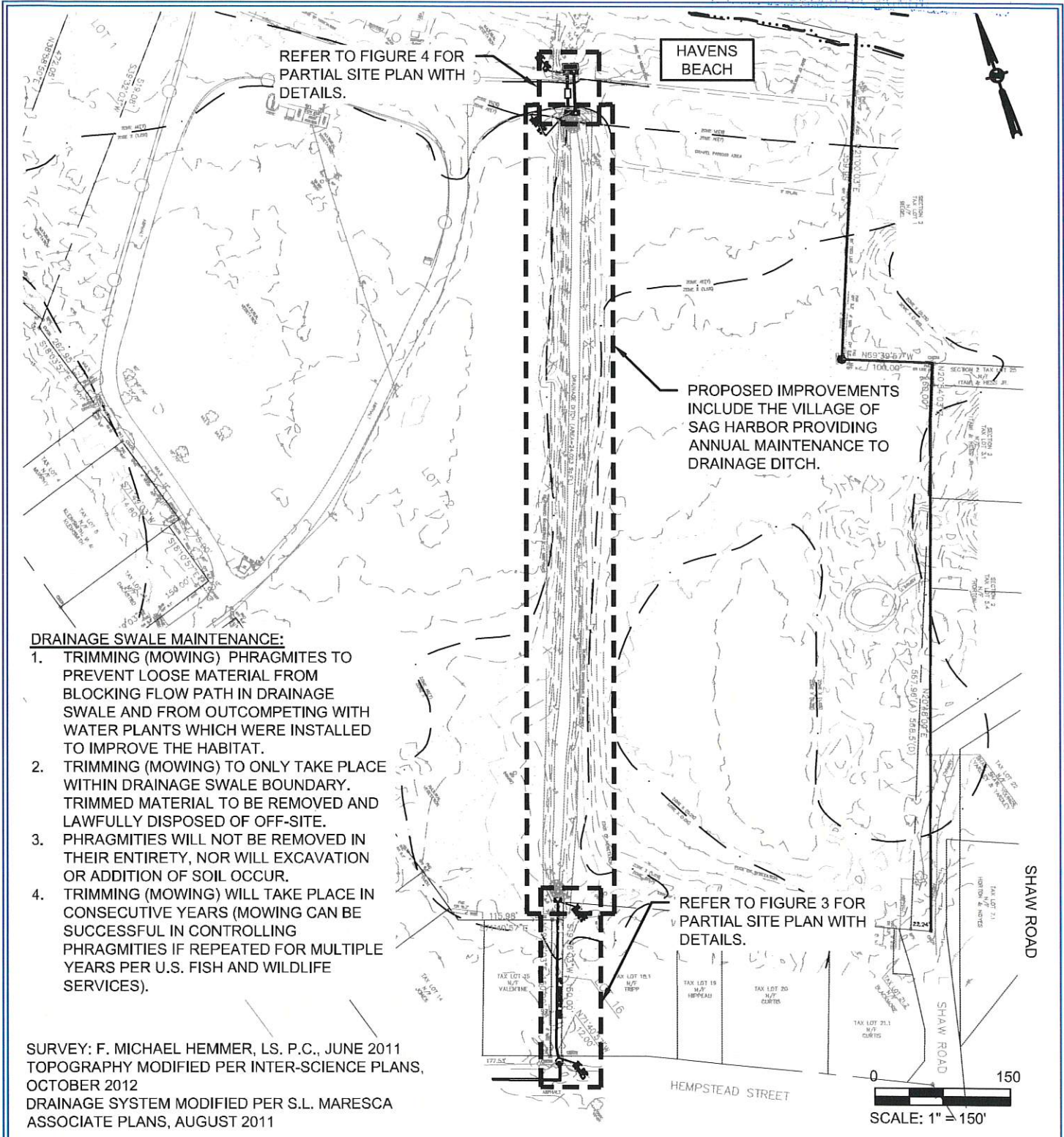
1" = 200'

DRAINAGE IMPROVEMENTS AT HAVENS BEACH
 VILLAGE OF SAG HARBOR, COUNTY OF SUFFOLK, NY
 APPLICATION BY VILLAGE OF SAG HARBOR

Project:	VSH1802
Designed by:	JML
Approved by:	PWG
Drawn by:	JML
Date:	12/11/2018
Figure No:	1 OF 4

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TOWN OF SAG HARBOR
PLANNING DEPARTMENT



- DRAINAGE SWALE MAINTENANCE:**
1. TRIMMING (MOWING) PHRAGMITES TO PREVENT LOOSE MATERIAL FROM BLOCKING FLOW PATH IN DRAINAGE SWALE AND FROM OUTCOMPETING WITH WATER PLANTS WHICH WERE INSTALLED TO IMPROVE THE HABITAT.
 2. TRIMMING (MOWING) TO ONLY TAKE PLACE WITHIN DRAINAGE SWALE BOUNDARY. TRIMMED MATERIAL TO BE REMOVED AND LAWFULLY DISPOSED OF OFF-SITE.
 3. PHRAGMITIES WILL NOT BE REMOVED IN THEIR ENTIRETY, NOR WILL EXCAVATION OR ADDITION OF SOIL OCCUR.
 4. TRIMMING (MOWING) WILL TAKE PLACE IN CONSECUTIVE YEARS (MOWING CAN BE SUCCESSFUL IN CONTROLLING PHRAGMITIES IF REPEATED FOR MULTIPLE YEARS PER U.S. FISH AND WILDLIFE SERVICES).

SURVEY: F. MICHAEL HEMMER, LS. P.C., JUNE 2011
 TOPOGRAPHY MODIFIED PER INTER-SCIENCE PLANS, OCTOBER 2012
 DRAINAGE SYSTEM MODIFIED PER S.L. MARESCA ASSOCIATE PLANS, AUGUST 2011

OVERALL SITE PLAN

1" = 150'

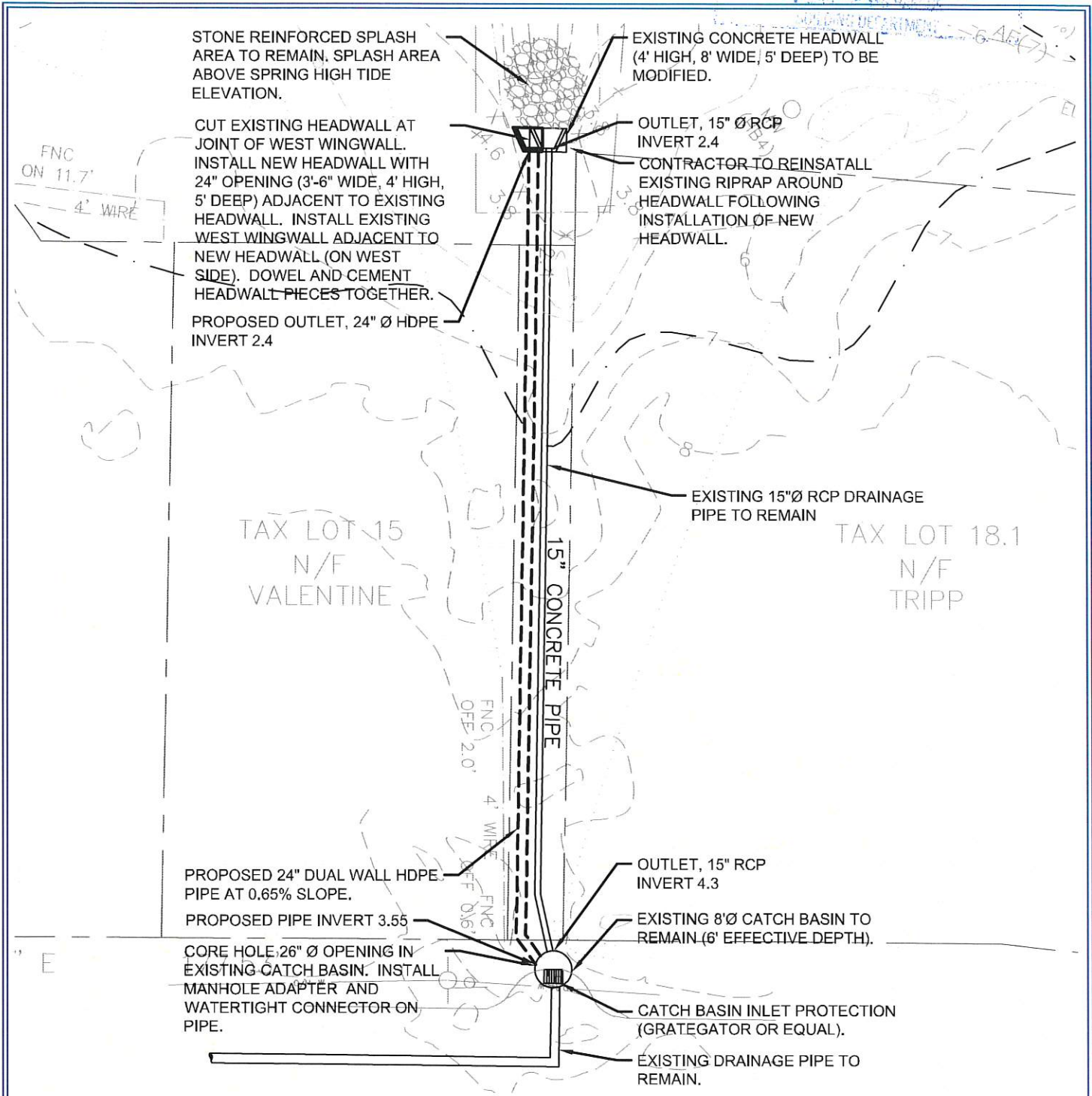
DRAINAGE IMPROVEMENTS AT HAVENS BEACH
 VILLAGE OF SAG HARBOR, COUNTY OF SUFFOLK, NY
 APPLICATION BY VILLAGE OF SAG HARBOR

Project:	VSH1802
Designed by:	JML
Approved by:	PWG
Drawn by:	JML
Date:	12/11/2018
Figure No:	2 OF 4

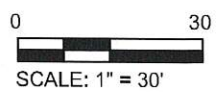
Strategic, Environmental and Engineering Solutions
 P.W. GROSSER CONSULTING, INC.
 639 Johnson Avenue • Suite 7
 Somerville, NY • 11788-0218
 Phone: (516) 584-6533 • Fax: (516) 584-6765
 E-mail: PWG@PWGCONSULTING.COM

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SURVEY: F. MICHAEL HEMMER, LS, P.C., JUNE 2011
 TOPOGRAPHY MODIFIED PER INTER-SCIENCE PLANS, OCTOBER 2012
 DRAINAGE SYSTEM MODIFIED PER S.L. MARESCA ASSOCIATE PLANS, AUGUST 2011



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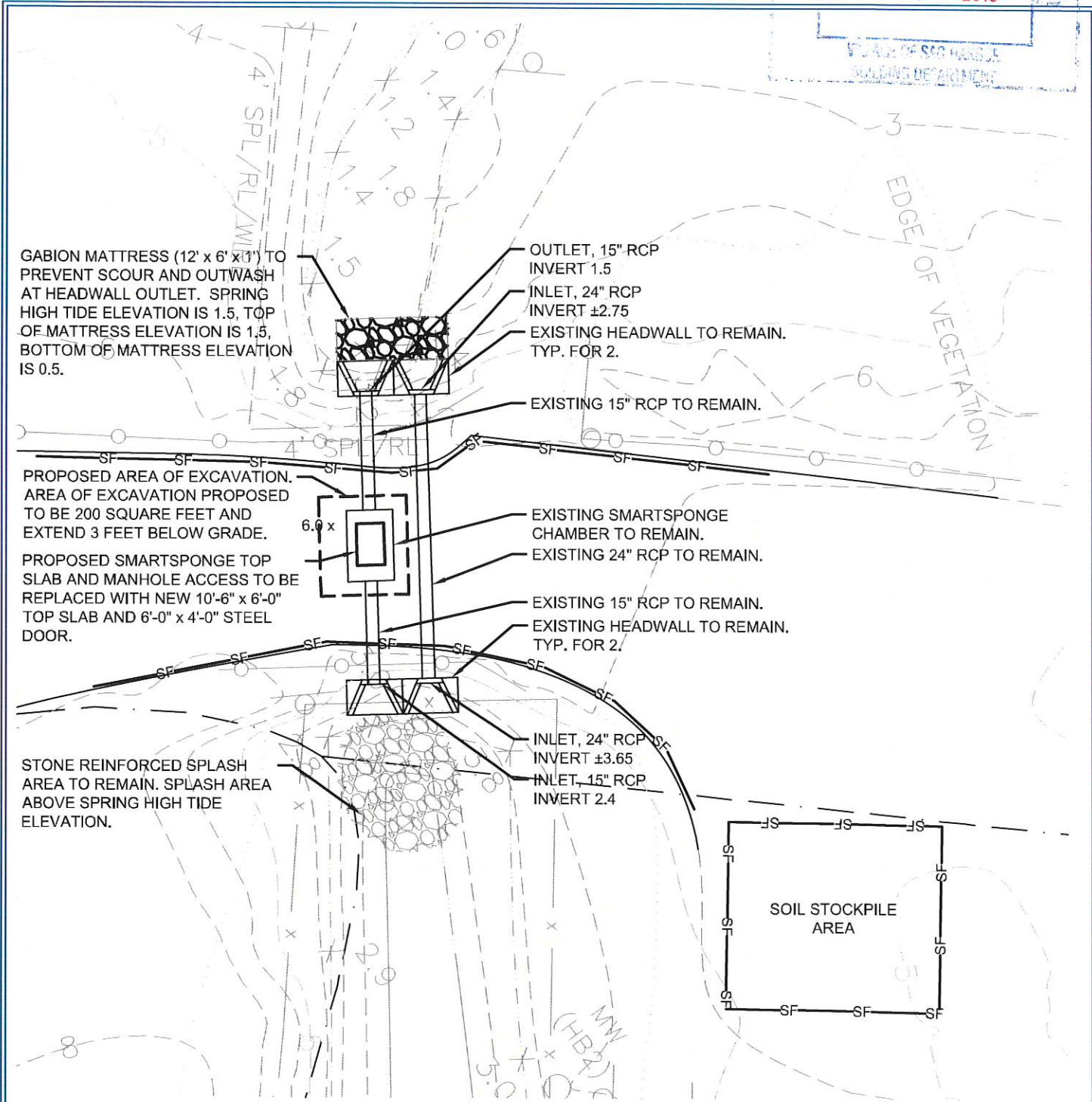
PARTIAL SITE PLAN
 1" = 30'

DRAINAGE IMPROVEMENTS AT HAVENS BEACH
 VILLAGE OF SAG HARBOR, COUNTY OF SUFFOLK, NY
 APPLICATION BY VILLAGE OF SAG HARBOR

Project:	VSH1802
Designed by:	JML
Approved by:	PWG
Drawn by:	JML
Date:	12/11/2018
Figure No:	3 OF 4

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MAY 16 2019
VILLAGE OF SAG HARBOR
PLANNING DEPARTMENT



GABION MATTRESS (12' x 6' x 1') TO PREVENT SCOUR AND OUTWASH AT HEADWALL OUTLET. SPRING HIGH TIDE ELEVATION IS 1.5, TOP OF MATTRESS ELEVATION IS 1.5, BOTTOM OF MATTRESS ELEVATION IS 0.5.

PROPOSED AREA OF EXCAVATION. AREA OF EXCAVATION PROPOSED TO BE 200 SQUARE FEET AND EXTEND 3 FEET BELOW GRADE.

PROPOSED SMARTSPONGE TOP SLAB AND MANHOLE ACCESS TO BE REPLACED WITH NEW 10'-6" x 6'-0" TOP SLAB AND 6'-0" x 4'-0" STEEL DOOR.

STONE REINFORCED SPLASH AREA TO REMAIN. SPLASH AREA ABOVE SPRING HIGH TIDE ELEVATION.

OUTLET, 15" RCP
INVERT 1.5
INLET, 24" RCP
INVERT ±2.75
EXISTING HEADWALL TO REMAIN.
TYP. FOR 2.

EXISTING 15" RCP TO REMAIN.

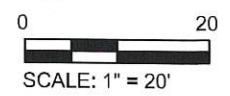
EXISTING SMARTSPONGE CHAMBER TO REMAIN.
EXISTING 24" RCP TO REMAIN.

EXISTING 15" RCP TO REMAIN.
EXISTING HEADWALL TO REMAIN.
TYP. FOR 2.

INLET, 24" RCP
INVERT ±3.65
INLET, 15" RCP
INVERT 2.4

SOIL STOCKPILE AREA

SURVEY: F. MICHAEL HEMMER, LS. P.C., JUNE 2011
TOPOGRAPHY MODIFIED PER INTER-SCIENCE PLANS, OCTOBER 2012
DRAINAGE SYSTEM MODIFIED PER S.L. MARESCA ASSOCIATE PLANS, AUGUST 2011



PARTIAL SITE PLAN

1" = 20'

DRAINAGE IMPROVEMENTS AT HAVENS BEACH
VILLAGE OF SAG HARBOR, COUNTY OF SUFFOLK, NY
APPLICATION BY VILLAGE OF SAG HARBOR

Project:	VSH1802
Designed by:	JML
Approved by:	PWG
Drawn by:	JML
Date:	12/11/2018
Figure No:	4 OF 4

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