# South Shore Coastal Infrastructure Inventory and Assessment Demonstration Project Coastal Hazards Commission

# **Town of Hull**

Prepared for: Office of Coastal Zone Management Boston, MA

February 28, 2007

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Bourne Consulting Engineering

Waterfront Engineers

#### **TABLE OF CONTENTS**

#### TABLE OF CONTENTS

#### Section I - Coastal Hazards Infrastructure and Assessment Program

INTRODUCTION

**PURPOSE** 

**DEVELOPMENT OF MassGIS DATABASE ATTRIBUTES** 

DEVELOPMENT OF REPAIR / RECONSTRUCTION COSTS

#### Section II - Community Findings

COMMUNITY DESCRIPTION STRUCTURE INVENTORY SUMMARY OF FINDINGS

#### Section III - Structure Assessment Reports

Section IV - Structure Photographs

#### Section V – Structure Documents

#### TOWN DOCUMENT LIST

Document Table

#### MA DCR - DOCUMENT LIST

• Document Table

#### MA DEP - Chp. 91 DOCUMENT LIST

- Document Table
- Copies of License Documents

#### **USACE – PERMIT DOCUMENT LIST**

- Document Table
- Copies of Permit Documents

# **Section I**

# **Town of Hull**

# Coastal Hazards Infrastructure and Assessment Program



### South Shore Coastal Infrastructure Inventory and Assessment Demonstration Project Coastal Hazards Commission

#### Section I - Coastal Hazards Infrastructure and Assessment Program

#### INTRODUCTION

#### The Project and Client

The Commonwealth of Massachusetts has initiated a Coastal Hazards Commission (CHC) to identify the vulnerability of the state to coastal hazards. As one of five working groups working under the CHC, the 20-Yr Infrastructure Plan was to establish a prioritization for the repair of coastal structures. The focus areas of the Working Group include:

- Publicly owned infrastructure
- Infrastructure for which State is responsible
- Inventory of public hazards infrastructure
- Evaluation on conditions
- Development for a prioritization of work
- Estimation of capital and maintenance costs

The 20-Yr Infrastructure Working Group is led by Representative Frank Hynes with CZM as the lead State Agency overseeing the management of the project. The region included in the demonstration project was identified as the South Shore and included the eight communities of Hingham, Hull, Cohasset, Scituate, Marshfield, Duxbury, Kingston and Plymouth.

#### Consultant Team

The consultant team that performed the demonstration project was led by Bourne Consulting Engineering (BCE) of Franklin, MA who was responsible for overall project management, research and field assessments. Assisting BCE was Applied Coastal Research and Engineering, Inc. of Mashpee, MA who was responsible for field assessments and GIS data conversion. Alpha Land Surveying and Engineering of Middleboro, MA also supported the Team with field GPS survey.

#### **PURPOSE**

#### Study Purpose

CZM seeks to identify the capacity of Massachusetts coastal structures to resist major coastal storms and prevent storm damage. In working toward this goal, CZM has initiated a program to perform an assessment of Commonwealth owned and/or maintained coastal structures. The first phase of this program is the performance of a demonstration project for coastal structures located on the South Shore. The demonstration project will identify existing structures, their general conditions, ability to provide coastal protection and the probable cost for repairs. The information collected and developed will be incorporated into the MassGIS system to allow use for developing a 20 Year Coastal Infrastructure Plan.

As this is a demonstration project, it will serve as the basis for development of a statewide inventory and assessment of all Commonwealth coastal structures and the needs for their maintenance and/or repair. Incorporated into this project will be the identification of issues and limitations of the investigation and

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assessment to achieve the overall goals and what should be included in future investigations/assessments of coastal structures for the other regions.

#### Goals of Study

The goals of the South Shore Coastal Infrastructure Inventory and Assessment Project include:

- To be used as the model to go forward for assessment of coastal structures for the remainder of the coastal regions
- To identify areas of research and/or assessment that need to be modified for future phases that were not included within the demonstration project
- Complete the study with the final report by November 15, 2006 for submission to the Coastal Hazards Commission
- To identify all the coastal structures the state either owns or has responsibility to maintain for the eight communities included within the study
- Of the structures identified, determine the structure location and characteristics, the structure condition relative to providing coastal protection and the structure importance in relation to what it is protecting.
- To the degree possible, identify the structure elevation and the FIRM mapping flood elevation and category.
- To the degree possible, identify structure owner and available documents from local, state and federal agencies.
- To establish an estimated cost to rehabilitate the coastal structures to provide the level of project established in the structure's original design.
- Provide the information in a format compatible for incorporation into the MassGIS system

#### Limit of Study

Due to the time constraints and the amount of effort necessary to collect, process and compile the information, the following are identified as limitations of the information presented:

- All property ownership was taken as presumed. No legal investigation of ownership was performed during the project. Property ownership is based on town assessor maps. Where structures were located outshore of assessor map defined property lines, it was assumed to be Town land unless other information indicated otherwise. Where structures were located outshore of Mean Low Water, property is assumed to be State owned.
- The structure ownership was based on assessor maps and research at the local, state and federal levels. Where there was indication of public work on a structure on Town land or on private property, the structure was presumed to be Town owned. Where the structure was on state property, the structure was presumed to be state owned. Where ownership of the structure was not clear but was located on private property, the structure ownership was defined as unknown.
- The study included town and state owned structures as it was assumed that most town owned structures received state funding at some level for construction and/or maintenance.
  - o Federal structures were identified but no assessment of conditions or priority was performed.
  - o Structures that were determined to be private were not included.
  - O Undocumented structures considered to be on private land, but having the potential to have been publicly built and/or maintained, were identified as having an "unknown ownership".

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I -2 Town of Hull

- The prioritizing of structures was based primarily on risk to general infrastructure and density of housing. Infrastructure included was buildings. The study did not consider all infrastructure issues including:
  - o No consideration on utility impacts water, electrical, sewer, gas
  - o No consideration of roadway and bridge protection
  - o Evacuation routes were not considered within the investigation
  - o Location of Emergency Shelters were not included in priority assessments
- Research was performed at the local, state and federal levels. The local research was limited to
  location and documenting available coastal structure contract drawings. Research at DCR was
  restricted to available historic construction plans for coastal structures at the MA-DCR
  Waterways office in Hingham, MA. No investigation of state archives was performed. Research
  at MA DEP Chp 91 and USACE was limited to recorded permits and licenses found in their files.
  No investigation was performed at the Registry of Deeds.

#### DEVELOPMENT OF MassGIS DATABASE ATTRIBUTES

The specific attributes that would be incorporated into the MassGIS system were developed based on the scope of work and the goals to be achieved. The following was established to standardize the data collection and presentation and to allow total flexibility for sorting by attributes in the final GIS database. The attributes identified below were input into a MS Access database which was used to manage the data from all eight communities within a single file.

#### Database Attributes

• Attribute Descriptions/Definitions

Structure Number: A unique structure number was given to each coastal structure. The number was based on existing numbering systems that include the State Department of Environmental Protection community number followed by the local community assessor's parcel numbering system. The last three digits of the number represent the structure within the parcel. Where structures extend over several parcels, the structure is referenced to a parcel that is approximately in the center of the structure. Where Town assessor's references include letters, those are also included within the structure number. Some communities have block numbering within their numbering system and these are included. Communities without block numbering still have the block numbering included but these are illustrated as all zeros for that specific segment.

Structures that are on Town property, which would otherwise not have a parcel number, are referenced to a parcel that is in the immediate vicinity of the coastal structure.

On this basis, the following is the general numbering convention:

#### **CCC-MMM-PPP-BBB-SSS**

Where: CCC DEP Community Number

MMM Community Map Number

BBB Block Number (000 if no block numbering system)

PPP Community Parcel Number

SSS Structure Number

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I -3 Town of Hull

Property Ownership: All property ownership was on a "presumed" basis as no legal verification of ownership was performed. The ownership of the property was classified under four basic areas which were private ownership (Private), Town ownership (Local), Commonwealth of Massachusetts ownership (State), federal government ownership (Federal) or unknown. Property ownership was based on Town assessor's maps. Where the location was located above Mean Low Water, and not within a defined parcel, the property ownership was presumed to be the Town unless documentation was found to indicate otherwise. Where a structure was located offshore of Mean Low Water, the property ownership was presumed to be the state.

<u>Structure Ownership</u>: The ownership of all structures is presumed as no verification of ownership was performed. Ownership of the structure was determined by research into historic state and federal permits and the entity indicated on the permits as the applicant. Where no other information was found, the following was utilized:

- Structures located on private land but appearing to be significant structures were identified as owned by the Town or as "Unknown". Unknown was used were there was a question of local or private ownership.
- Structures on Town property were assumed to be owned by the Town
- Structures that were located off-shore were presumed to be federally owned
- Structures that were identified as being privately owned were eliminated from the database

<u>Basis of Ownership</u>: The basis of structure ownership was provided to give rationale to the structure ownership and identified the research resource that identified the ownership or the methodology otherwise used. The responses utilized were limited to the following:

- DPW DPW Employee Interview
- DCR Contract Drawings
- DEP Ch 91 License
- USACE Permits
- Property Ownership
- Offshore Structure

<u>Structure Owner's Name:</u> Ownerships names reflect the presumed owner of publicly owned structures. As this was for public structures only, the ownership was restricted to the community name, the state agency or the federal agency.

Earliest Structure Record: The year of the oldest document located for the structure. The information is determined from the document research performed on the structure from local, state and federal agencies. If no documents could be found than this entry is denoted as 'Unknown'. Where documentation of the structure could be found, the date from the oldest document was utilized.

<u>Primary Structure</u> / <u>Secondary Structure</u>: Many of the coastal structures consisted of combined structures which were rated separately. It was typically found that one structure was significantly more predominant (Ex. Bulkhead/Seawall) and was therefore identified as the Primary Structure while a smaller structure might exist in front (ex. Revetment) of it. The type, height and material of each structure are identified separately. The condition of each structure was based on the Primary Structure. Where there was no secondary structure, the fields were left blank.

<u>Structure Type:</u> The structure type was categorized into five basic coastal structure categories which were Bulkhead/Seawall, Revetment, Coastal Beach, Coastal Dune, and Jetty/Groin.



I -4

<u>Structure Material:</u> The identification of the coastal structure's material of construction was performed and represents the primary material. Stone structures consisted of both mortared and non-mortared conditions.

<u>Structure Height:</u> Each type of structure was categorized by its visible height in feet which was broken into four specific ranges which are:

< 5 feet

5 to 10 feet

10 to 15 feet

>15 feet

Structure Condition: A preliminary assessment of the condition for each structure was performed by the field teams. This was by visual observation only and no detailed investigation was performed. The condition assessments were based on a predefined five level rating system that ranged from Rating A for Excellent Condition to Rating F for Critical Condition. A detailed listing of the conditions and their definitions can be seen in Exhibit A.

<u>Priority Rating:</u> In order to account for the need for protection at any one site, a five level priority rating system was established. This allowed for consideration of public infrastructure protection, density of residential housing for development of structure overall importance for coastal protection. The ratings range from Level 1 for no infrastructure or residence protection to Level 5 for critical inshore infrastructure protection and/or high density residential. The detailed listing and definitions for the priority categories can be seen in Exhibit B.

Structure Repair / Reconstruction Cost: A preliminary estimation of construction costs to maintain or repair structures was made based on the preliminary field assessment of the structures. A Repair Cost Matrix was developed based on structure type, condition, height and material and can be seen in Exhibit C. Once each structure's type, height, and material classifications were determined, the cost per foot for the structure was determine from the Repair Cost Matrix and multiplied by the length of the structure to obtain the estimated repair/restoration cost. The cost matrix repair costs include a 20 percent construction cost contingency as well as 10 percent costs for engineering and permitting.

Structure Length: The length of each structure is provided and utilized in the development of the repair/reconstruction costs. The lengths are given to the nearest foot and taken as the linear distance along the structure, as determined by the GPS location, which takes into account structure angles and curvature.

Structure Elevation: The elevation of structures was determined in feet from existing information where available. The datum used is NAVD 88 and elevations are to the nearest foot. From a previous study much of the south shore coastal structures had elevations defined based on LIDAR mapping data. Where available structure documentation with elevations was found, in areas with no LIDAR data, the information was included within the structure information. Where there was no LIDAR information or existing documentation, the item has been left blank.

LIDAR (Light Detection and Ranging) is technology that is currently being used for high-resolution topographic mapping by mounting a LIDAR sensor, integrated with Global Positioning System (GPS) and inertial measurement unit (IMU) technology, to the bottom of aircraft and measuring the pulse return rate to determine surface elevations.

<u>FEMA Zone and Elevation:</u> For each structure the FEMA Flood Insurance Rate Maps (FIRM) were researched for their Flood Zone designation and their Base Flood Elevation from the most recent FIRM maps for the specific Town. The elevations are provided in feet on the same datum as the FIRM maps (NGVD) with no adjustments or conversions.

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I -5

<u>Structure Comments:</u> The engineering team provided a brief description and comment on the structure at the time of the field assessments which is provided in support of the condition rating that was given for the structure.

<u>Pictures:</u> At the time of the field assessments, digital photographs were taken to provide a general overview of the structure. The number of pictures were limited to a maximum of six. The first photograph for each structure is shown on the Structure Assessment Form. The list of all photographs is provided on the form.

Town Documents: Town documents represent the structure information that could be found in the Town's DPW/Engineering Department records. Where particular records could be found, a table of document information was developed and included within the database with limited descriptions.

MA - DCR Documents: MA-DCR documents represent the structure information that could be found within DCR - Waterways office in Hingham Where particular records could be found, a table of document information was developed and included within the database with limited descriptions.

MA - DEP Chp. 91 Licenses: MA-DEP Chapter 91 license documents represent the structure information that could be found within MA-DEP Chp 91 records in Boston. Where particular records could be found, they were scanned as pdf files and attached to the structure through the GIS database information. In addition, a table of license document information was developed and included within the database with limited descriptions

<u>USACE Permits</u>: USACE Permits represent the structure information that could be found within the Army Corp of Engineers regulatory office in Concord, MA. Where particular records could be found, they were scanned as pdf files and attached to the structure through the GIS database information. In addition, a table of license document information was developed and included within the database with limited descriptions.

#### **DEVELOPMENT OF REPAIR / RECONSTRUCTION COSTS**

A matrix to be used within the database has been developed to assess likely rehabilitation/repair costs to restore the coastal structures to their original design condition. No attempt was made to assess the level of exposure and associated level of protection that might be required to meet current design standards for these structures. These costs are only an estimation to bring these structures back to their original design intent based on 2006 construction costs.

The development of the cost matrix is based on the following:

<u>Structure Condition Ratings</u> – The condition of the coastal structures was determined in the field by the survey crew which was led by an engineer with waterfront structure assessment and design experience. The definitions of the rating criteria utilized for the assessments is presented elsewhere.

The cost implications for each rating condition are as follows:

- A Rating Structures not requiring any maintenance, repair or rehabilitation cost and would not be expected to experience damage if subject to a major coastal storm event
- B Rating Structures requiring limited or no repair and would be expected to experience only minor damage if subject to a major coastal storm event. The



I-6 Town of Hull

value of these maintenance costs is assumed to be 10 percent of the construction cost.

- C Rating Structures requiring moderate to significant level of repair or reconstruction and would be expected to experience significant damage if subject to a major coastal storm event. The structure is presumed to be effective under a major storm event. The value of the repair costs is assumed to be 50 percent of the construction cost.
- D Rating Structures requiring significant level of rehabilitation or total reconstruction and would be expected to experience significant damage or possibly fail if subject to a major coastal storm event. The value of the repair costs is assumed to be 100 percent of the construction cost.
- F Rating Structures requiring complete reconstruction and would expect to provide little or no protection from a major coastal storm event. The value of the repair costs is assumed to be 100 percent of the construction cost plus a cost for removal/disposal of the original structure.

<u>Height of Structure</u> – Height of a structure is a major factor in the structure cost and therefore was identified as a significant factor is assessing rehabilitation/repair construction costs. The structures were broken down into four major categories which were:

< 5'	Structures that were less than five feet in height
5'-10'	Structures five to 10 feet in height
10'-15'	Structures over 10 feet to 15 feet in height
> 15'	Structures greater than 15 feet in height – assumed 20 feet typical

<u>Length of Structure</u> – Length is based on field GPS location with measurements rounded to the nearest foot.

<u>Bulkhead / Seawall Structures</u> – These structures are assumed to be constructed out of concrete, steel, stone or wood with each having its own criteria for establishing costs. For each structure type the following was assumed:

- Concrete Seawalls These walls were assumed to be gravity structures with the volume
  of concrete used based on the bottom width being one-half of the structure height. Costs
  of construction were based on a per cubic yard estimate that varied from \$350 to \$630
  per cubic yard depending on the structure height. Values for excavation and demolition
  of existing structure were also included.
- Stone Seawalls These walls were treated the same as concrete seawalls and assumed to be gravity structures with the volume of the structure based on the bottom width being one-half of the structure height. Costs of construction were based on a per cubic yard estimate that varied from \$350 to \$630 per cubic yard depending on the structure height. Values for excavation and demolition of existing structure were also included.
- Steel Bulkheads Steel bulkheads were presumed to be constructed with steel sheet piling. Tie back systems were presumed for structures 10 feet or greater in height. Shorter walls were assumed to have a cantilever design. The total depth of sheeting was presumed to be two times the exposed height. The cost for construction varied from \$40 per square foot to \$60 per square foot plus the cost of excavation and demolition.



I -7

• Timber Bulkheads – Timber bulkheads were presumed to be constructed with timber piles at eight foot on center, horizontal wales and vertical four inch sheathing. The unit costs for installed materials used were \$1,500 per pile and \$7.50 per bfm.

<u>Revetment Structures</u> – Revetment structures were presumed to be constructed of dry placed (no concrete) stone with a two on one slope and a horizontal toe and crown equal to the thickness layer established for each height condition. The total thickness of the revetment layers varied from six to ten feet with the cost of armor and under-layer stone assumed to be \$50 per ton and the crushed stone base to be \$15 per ton.

<u>Groins and Jetties</u> – Groins and jetties were assumed to be the same materials and construction as the revetment structures but would have two sides and therefore double the quantities.

<u>Coastal Beaches</u> – Costs for restoration of Coastal beaches presumed the placement of beach renourishment sands at a 1-on-20 slope over the existing beach conditions. The cost for deposition of sand assumed relatively close source of material and utilized \$20 per cubic yard for the material installed.

<u>Coastal Dunes</u> – Restoration of coastal dunes assumed a cross section of renourished sand with a one-on-four slope on one side of a 25 foot width at the defined dune height. The cost for deposition of sand assumed relatively close source of material and utilized \$20 per cubic yard for the material installed.

<u>Contingency</u> – A contingency of 20 percent was added to all costs to reflect the unknowns associated with this level of rehabilitation/repair estimating.

<u>Engineering and Regulatory Approvals</u> – A ten percent increase to the cost matrix prices was assessed to represent the engineering design and regulatory approval requirements for the restoration of these structures.

I -8



Town of Hull

### **EXHIBIT A**

### **Structure Condition Table** – 5 Level Rating System

Co	liminary ondition sessment	Definition Based Upon Perceived Immediacy of Action and Potential to Cause Damage if Not Corrected	Level of Action Required
A	Excellent	Like new condition. Structure expected to withstand major coastal storm without damage.	None
		Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm	
		Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present.	
В	Good	Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure	Minor
C	Fair	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure.	Moderate
		Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide additional material for full protection and extended life	
D	Poor	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm.	Major
		Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	
		Conditions of structure/landform may warrant emergency stabilization as failure may result in potential loss of property and/or life. Landform eroded, loss of integrity	
F	Critical	Structure exhibits critical levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure provides little or no protection from a major coastal storm. Actions taken to totally reconstruct structure to regain full capacity.	Immediate
	,	Landform stability is severely compromised, rate of erosion/material loss may be increasing, and landform does not provide adequate protection from a major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	



I -9

# **EXHIBIT B Priority Rating System -** 5 Level Rating System

Pri	eliminary ority Level ssessment	Level Based Upon Perceived Immediacy of Action and Presence of Potential Risk to Inshore Structures if Not Corrected	Level of Action Required
I	None	No Inshore Structures or Residential Dwelling Units Present	Long Term Planning Considerations
п	Low Priority	Inshore Structures Present with Limited potential for Significant Infrastructure Damage	Future Project Consideration
m	Moderate Priority	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings ( <1 dwelling impacted / 100 feet of shoreline)	Consider for Active Project Improvement Listing
IV	High Priority	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)	Consider for Next Project Construction Listing
V	Immediate / Highest Priority	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings  Conditions of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life.  (>10 dwellings impacted / 100 feet of shoreline)	Consider For Immediate Action Due to Public Safety and Welfare Issues



I -10

#### CZM SOUTH SHORE COASTAL INFRASTRUCTURE INVENTORY AND ASSESMENT PROJECT

#### EXHIBIT C

September 14, 2006

#### REPAIR / REHABILITATION COSTING DATA

Cost per linear foot of structure

STRUCTURE TYPE	STRUCTURE MATERIALS	STRUCTURE HEIGHT	Ā	sn B	RUCTURE CONDITION R. C	ATING D	ASS E
BULKHEADI SEAWALL	CONCRETE	Under 5 Feet	\$0	\$84	\$425	\$850	\$983
	4	5 To 10 Feet	\$0	\$152	\$759	\$1,518	\$1,782
		10 To 15 Feet	\$0	\$251	\$1,254	\$2,508	\$2,970
		Over 15 Feet	\$0	\$396	\$1,980	\$3,960	\$4,752
	STEEL	Under 5 Feet	\$0	\$54	\$273	\$546	\$680
	246	5 To 10 Feel	\$0	\$165	\$825	\$1,650	\$1,848
	E. William	10 To 15 Feet	\$0	\$251	\$1,254	\$2,508	\$2,772
		Over 15 Feet	\$0	\$343	\$1,716	\$3,432	\$3,795
	STONE	Under 5 Feet	\$0	\$84	\$425	\$850	\$983
		5 To 10 Feet	\$0	\$152	\$759	\$1,518	\$1,782
		10 Ta 15 Feet	\$0	\$251	\$1,254	\$2,508	\$2,970
	<u></u>	Over 15 Feet	\$0	\$396	\$1,980	\$3,960	\$4,752
	WOOD	Under 5 Feet	\$0	\$86	\$431	\$862	\$994
	HEE	5 To 10 Feet	\$0	\$127	\$632	\$1,265	\$1,463
		10 To 15 Feet	\$0	\$161	\$804	\$1.608	\$1,872
on comments of the second		Over 15 Feet	\$0	\$202	\$1,008	\$2,017	\$2,380
	SAND	Under 5 Feet	\$0	\$26	\$132	\$264	\$264
COASTAL BEACH		5 To 10 Feet	\$0	\$127	\$634	\$1,267	\$1,267
		10 To 15 Feet	\$0	\$224	\$1,122	\$2,244	\$2,244
		Over 15 Feet	\$0	\$396	\$1,980	\$3,960	\$3,960
	SAND	Under 5 Feet	\$0	\$18	\$93	\$186	\$186
COASTAL DUNE	644005	5 To 10 Feet	\$0	\$48	\$238	\$476	\$476
	Selection.	10 To 15 Feet	\$0	\$79	\$395	\$790	\$790,
Mark the second		Over 15 Feet	\$0	\$132	\$660	\$1,320	\$1,320
EVETMENT	STONE	Under 5 Feet	\$0	\$66	\$333	\$664	\$730
		5 To 10 Feet	\$0	\$120	\$601	<b>\$1,20</b> 1	\$1,300
		10 To 15 Feet	\$0	<b>\$157</b>	\$781	\$1,564	\$1,696
		Over 15 Feel	\$0	\$247	\$1,234	\$2,468	\$2,666
ROIN	<b>ESTONE</b>	Under 5 Feet	\$0	\$157	\$664	\$1,328	\$1,460
		5 To 10 Feet	\$0	\$157	\$1,201	\$2,402	\$2,600
		10 To 15 Feet	\$0	\$157	\$1,564	\$3,128	\$3,392
		Over 15 Feet	\$0	\$157	\$2,468	\$4,937	\$5,333

NOTE: Repair / Rehabilitation Costs include 10% for engineering and regulatory approvals and 20 % construction contingency.



I-11

# **Section II**

**Town of Hull** 

**Community Findings** 



#### Section II - Community Findings - Town of Hull

#### **COMMUNITY DESCRIPTION**

The Town of Hull consists of a land area of only 2.97 square miles out of a total area of 28.2 square miles and had a population of 11,500 in the 2000 census. The Town is located on the South Shore of Massachusetts and its location can be seen on this report's cover. The estimated length of shoreline that is directly exposed to open ocean waves is 9.5 miles with the remaining shoreline semi-protected by offshore structures or landforms. The Town is protected from major coastal storms by both natural and man-made shoreline structures that require maintenance to insure the long term protection of its coastline. The man-made and publicly owned structures that protect the Town were investigated for their ability to provide adequate protection from major coastal storms. Structures have been identified as publicly owned, including coastal dunes and beaches, based on evidence of investment of public funds made to create/enhance/maintain these structures. The assessment did not include floating or pile supported structures as they are assumed not to provide any significant coastal protection from major storm events.

#### STRUCTURE INVENTORY

Within the Town of Hull, there were 93 publicly owned structures identified which provide significant coastal protection. The location of the structures can be seen in Sheets 1 through Sheet 7 in Section III of this report. The structures were categorized by their type and by their structural condition based on a preliminary field assessment. The distribution of structures by type and condition can be seen in the following table:

STRUCTURE TYPE AND QUANTITY - Town of Hull

	·	Total		St	tructure Condit	tion Rating	V	
Primary Structure (1)	St	tructures	A	В	<u> </u>	D	F	Total Length
Bulkhead / Seawall	•	58	4	36	12	5	1	26210
Revetment	•	27	6	11	7	3		116
Breakwater		2			1			
Groin / Jetty	•	2			1	1		1783
Coastal Dune								
Coastal Beach								1912
		89	10	47	21	9	1	30021

Within the above table, the total length of each type of structure is also provided. The structures are listed by the type which is providing the primary coastal protection. Many sites have multiple structure types at the same location (i.e. revetment in front of seawall). These secondary structures, although not identified within these tables, are included in the development of repair/rehabilitation costs.

The development of repair costs has been included by structure type and by condition. In the Town of Hull's case there are a total of 93 structures which would require approximately \$25.3 million to bring all the coastal structures to "A" Rating. Most critical will be the structures in the "D" and "F" classifications as those are assumed to undergo some level of damage or failure during the next major coastal storm event. To reconstruct these structures, identified in the preliminary survey as being in poor condition, an estimated \$11.4 million would be required to upgrade the Town's coastal protection.

 $\Pi - 1$ 

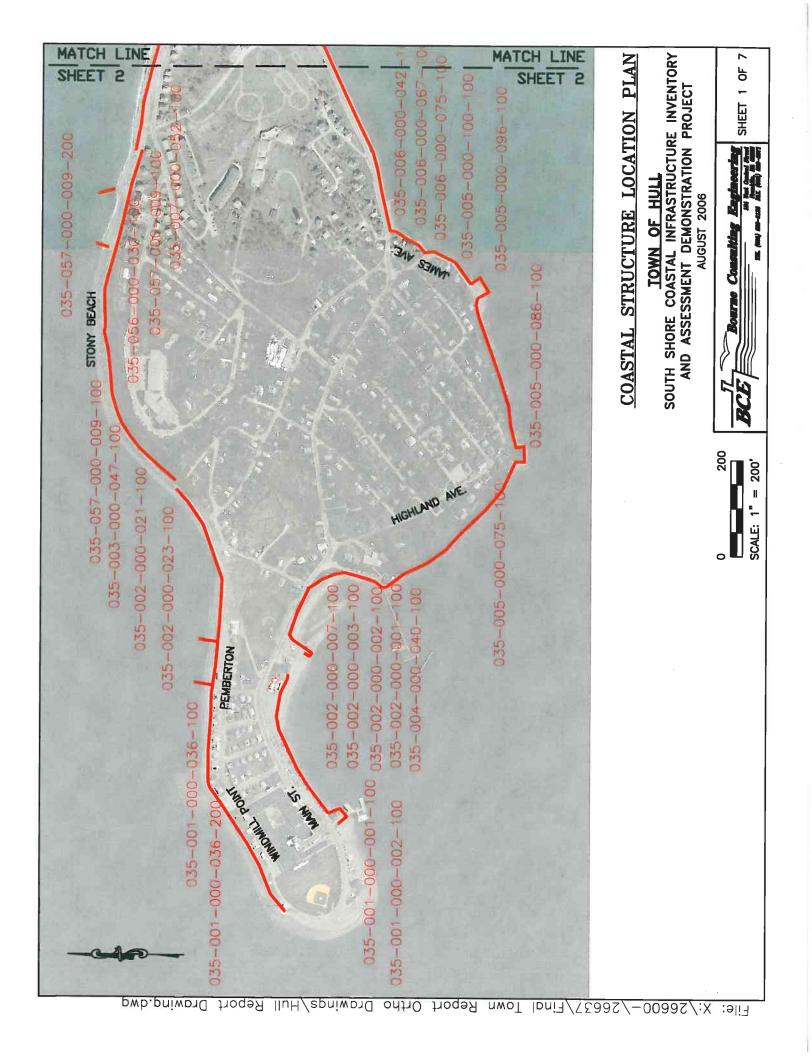


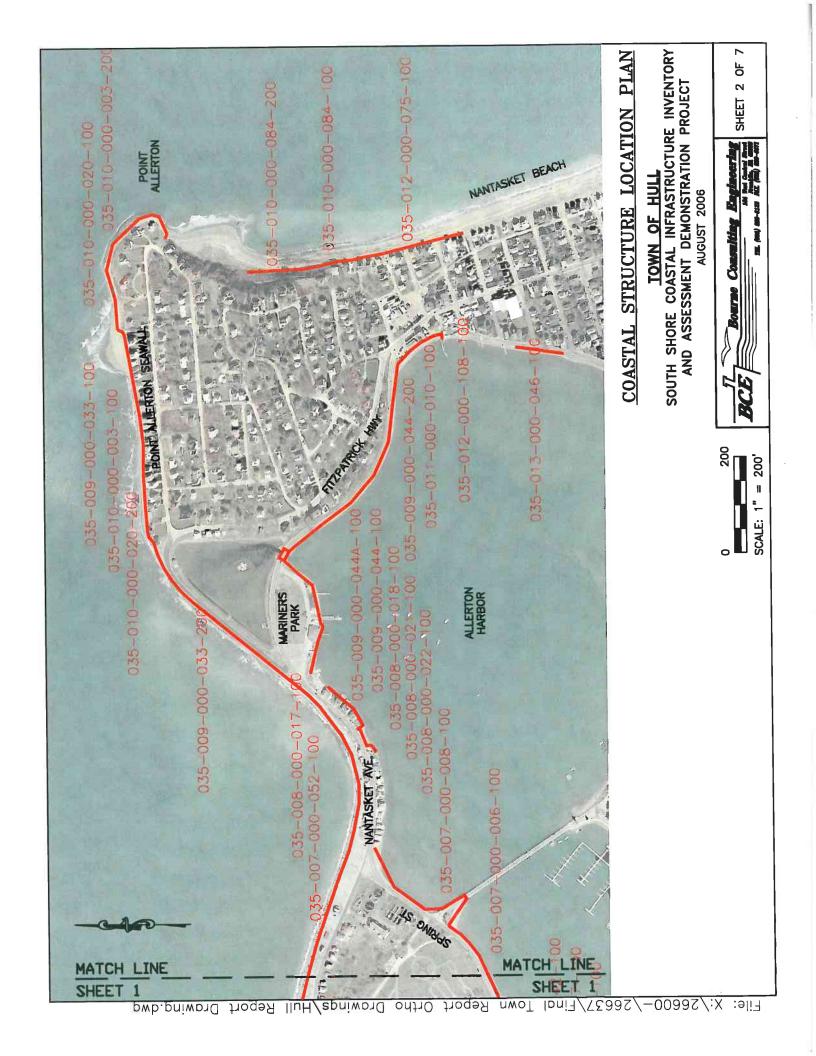
# **Section III**

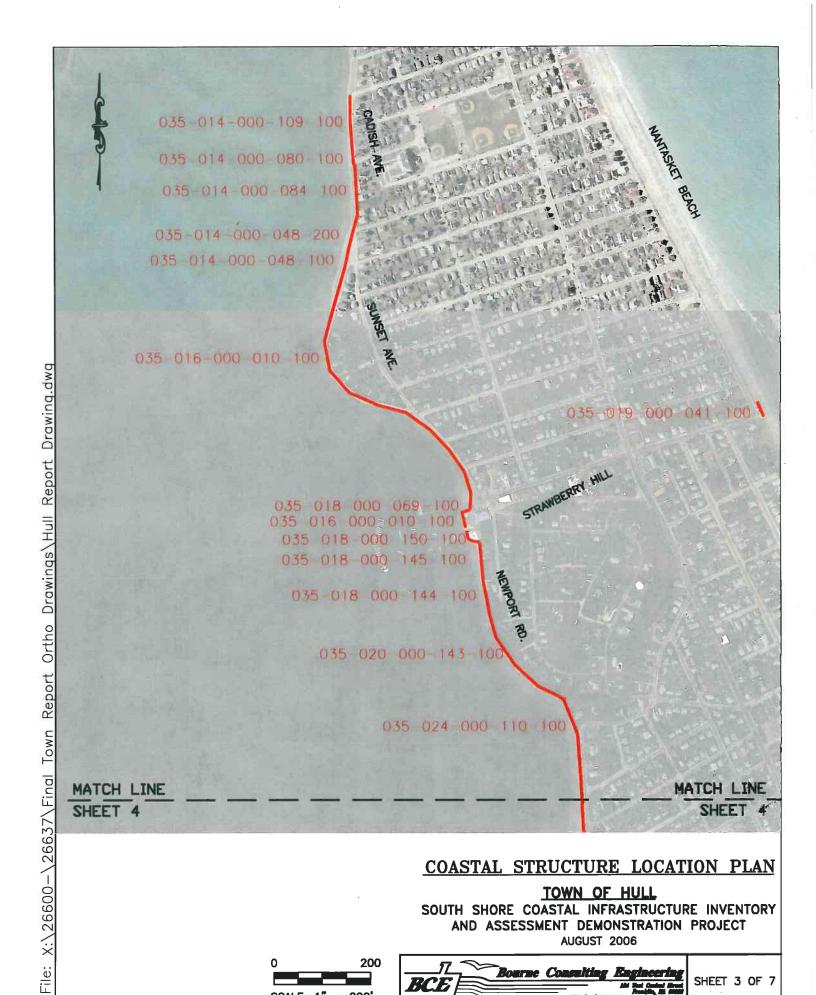
# **Town of Hull**

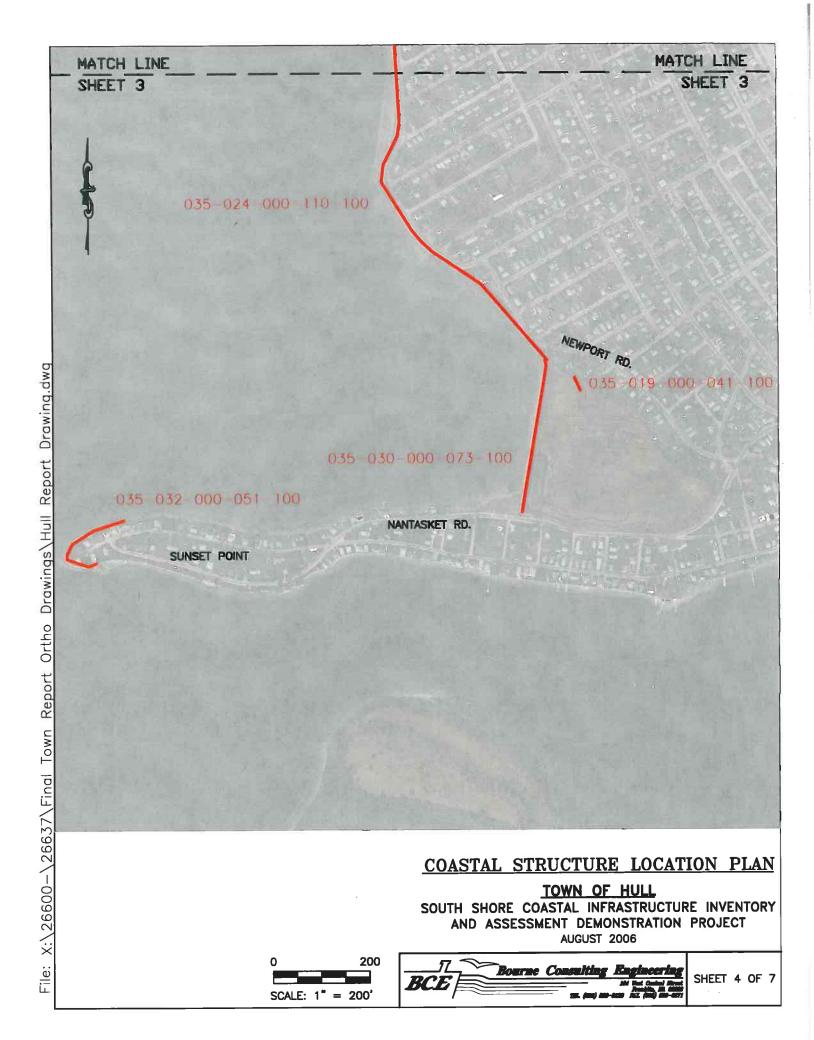
**Structure Assessment Reports** 

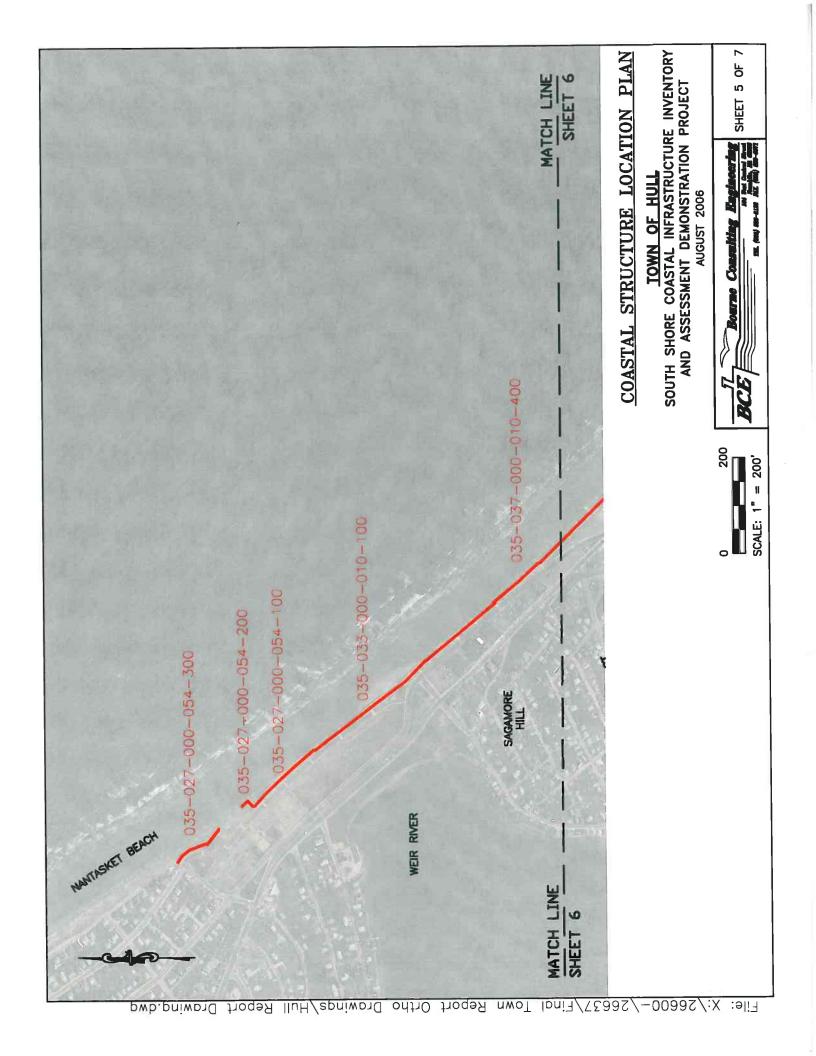


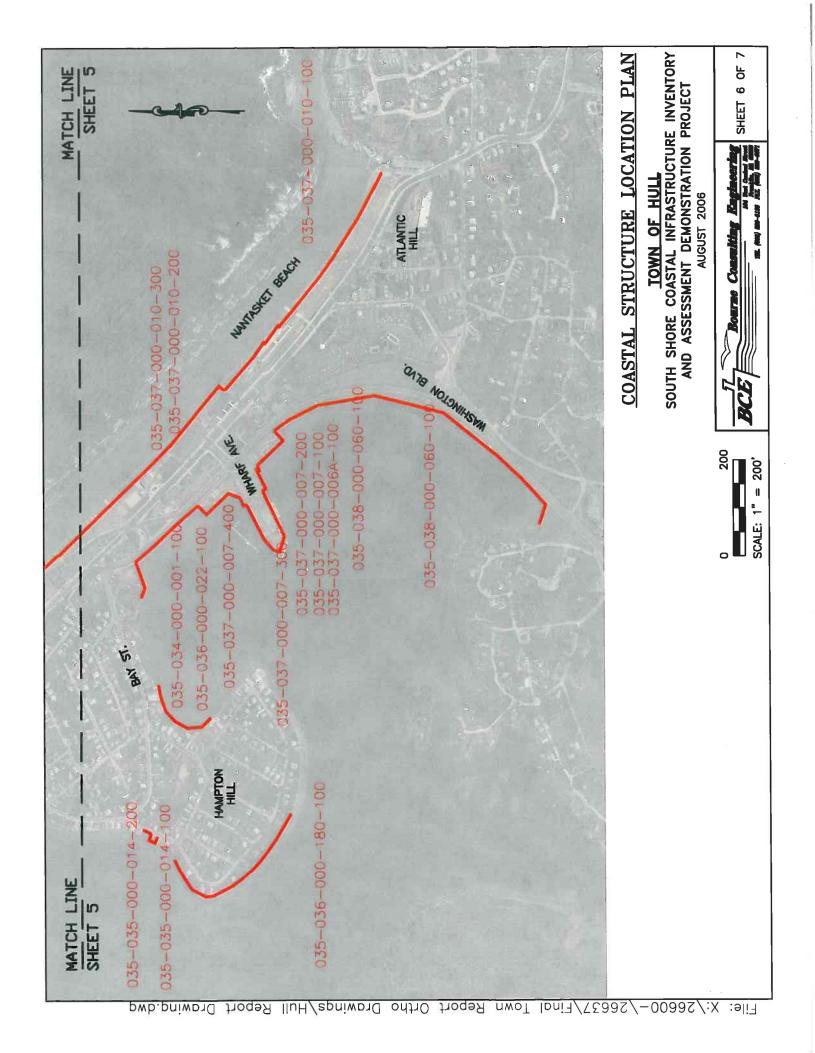


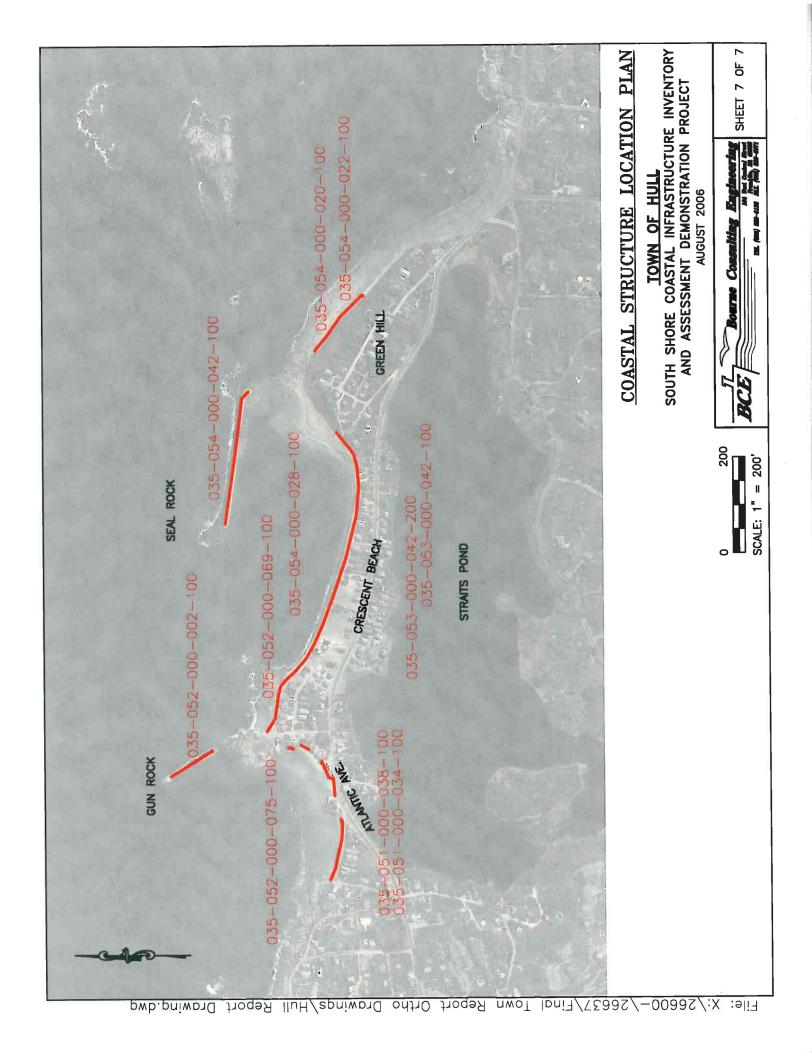












### **Structure Assessment Form**

Town: Hull
Structure ID: 035-001-000-001-100

operty Owner:	Location:		Date:	
ocal	Main St.		8/3/2006	
resumed Structure Owner:	Based On Comm	nent:		
ocal	Property Owner	ship		
wner Name:	Earliest Structur	e Record:	Estimated Reconstruction/Repair Cost:	
ull '	Edification of data	0	\$139,201.00	
	ice (1995-144) <sub>auto</sub> procumelo scienzo (1984) (2004) al programbabbilità (1830) (1847-1540) al la constitució (1847-1540) al	nat, gan haddin ei de gliochair agus i sin an agus da dheann fhail an dheann an dheann an t-aireann an t-airea Chaille dheann a fhair ha chailleann an an am an an dheann an t-aireann an dheann an dheann an dheann an dhean	habitus abbattata partide 1900 (1900 calculus) auditus (alculus variante autoria abbattata) portugui partido (19 m. 1900 (1900 alculus)) autoria (alculus) a	
ength: Top Elevation: FIRM Map Zone:  917 15.5 A3	FIRM Map Elevation			
	Feet NGVD			
		•		
imary Type: Primary Material: ulkhead/ Seawall Stone	Primary Height: 5 to 10 Feet			
	Secondary Height:			
econdary Type: Secondary Material:	Secondary Height.	-		
tructure Summary :				
Rating Level of Action  Structure observed to exhibit ve problems, superficial in nature. I to landform is present. Structur adequate to provide protection f coastal storm with no damage. to prevent / limit future deteriora life of structure.	Minor erosion re / landform rom a major Actions taken	Action  Description	Consider For Immediate Action Due to Public Safety and Welfare Issues Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of s horeline)	
035-001-000-001-100-PHO1A.jpg	tructure Documen		N STREET 035-001-000-001-100-TWN1A	
A decare inages			N STREET 035-001-000-001-100-TWN1A	
035-001-000-001-100-PHO1A.jpg T			N STREET 035-001-000-001-100-TWN1A	
35-001-000-001-100-PHO1A.jpg T			N STREET 035-001-000-001-100-TWN1A	

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-001-000-002-100

William Inches the State of the		Location:			Date:	A CONTRACTOR OF THE PARTY AND ADDRESS.
_ocal	And the second s	Main St.				8/3/2006
resumed Structure	e Owner:	Based On C	Comment:			
ocal		USACE - P	ermits			
wner Name:		Earliest Str	ucture Record:	E	stimated Reconstructi	on/Repair Cost:
Iuli	7		1990	Г		\$20,106.00
ength: Top El	levation: FIRM Map	Zone: FIRM Map Ele	skedddddd (gwr en ywr a nafol o'i feligiol gannad gallaid ei feligiol plaggiorg yn roe yn a gannarraeaddd o fel abheil (m. arthar toad o we vation:	n normandeldeld delde fine, delegações also delega de serviciones de fine a serviciones de fine a servicio y d companya de montromante, associa suare a carrellante, retacembril de la collectiva de prima tente a selfatilista color		manifolded 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
238	10	А3	11			Í.
Feet Feet N	IAVD 88	Feet 1	NGVD		AND THE PARTY OF T	/N=1
rimary Type:	Primary Material:	Primary Heigh				
ulkhead/ Seawall		Under 5 Feet				
econdary Type:	Secondary Material	Secondary He	ight:			
		1				
tructure Summan	/: awall/abutment for fixed pie	r Restaurant and resid	lence on wharf.			
ortared storie ser	avvail/abatificite for fixed pie	T. Research and test				
	_					
Condition	B Good		Priority Rating	Moderate P	riority	
Rating Level of Action	Minor		Action	Consider fo	r Active Project Impro	vement
Description	Structure observed to exh	ibit very minor	<b>.</b>	Listing	uctures with potential	for
	problems, superficial in na	tructure / landform	Description	Infrastructu	re Damage and/or Lin Dwellings ( <1 dwellir	nited
	to landform is present. S adequate to provide prote coastal storm with no dan to prevent / limit future de	ction from a major nage. Actions taken		100 feet of		
	adequate to provide prote	ction from a major nage. Actions taken				
	adequate to provide prote coastal storm with no dan to prevent / limit future de	ction from a major nage. Actions taken				
Structure Imac	adequate to provide prote coastal storm with no dan to prevent / limit future de life of structure.	ction from a major nage. Actions taken	ments:			
Structure Imag 335-001-000-002-	adequate to provide prote coastal storm with no dan to prevent / limit future de life of structure.	ction from a major nage. Actions taken terioration and extend	ments: OCT 14 200		(035-001-000-00	

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-001-000-036-100

Key: community-map-block-parcel-structure

roperty Owner:	(oncombine the billion of the best of the	Location:		1.5	Date:
ocal	The state of the s	Windmill Po	pint		8/3/2006
resumed Structui	re Owner	Based On C	omment:		
	re Owner:		ract Drawings		
ocal		Dek con	race Drawings		
wner Name:		Earliest Str	ucture Record:	Estim	ated Reconstruction/Repair Cost: \$198,884.00
Hull			1926	A Norwania wa Norwa A Norwania wa Norwa	\$1.70,00 T.00
ength: Top	Elevation: FIRM Map	Zone: FIRM Map Ele	vation:	eterologica had i ur the mile for all librate more forces would a combinate bibliographic forces with an extension of the more forces would be a combined bibliographic forces for the combined of the combined bibliographic forces for the combined bibliographic	gas juntina sah datasan sasa kecara dianan sangan ina satu kecara databah data sada databah sanga da sanga da s
793	13	V4	20		
Feet Feet	NAVD 88	Feet I	NGVD		
rimary Type:	Primary Material:	Primary Heigh	t:		
Bulkhead/ Seawa		10 to 15 Feet	10000		
Secondary Type:	Secondary Materia	I: Secondary He	iaht:		
Revetment	Stone				
tructure Summa					Maria Maria
n some areas (al Condition Rating Level of Action Description	B Good Minor Structure observed to ex problems, superficial in r to landform is present. adequate to provide prot coastal storm with no da	ature. Minor erosion Structure / landform ection from a major	Priority Rating Action Descriptio	n High Value Insh for Infrastructur Density Reside	xt Project Construction Listing fore Structures with Potential e Damage and/or Moderate ntial Dwellings ( 1-10 dwellings feet of s horeline)
			gypolysis kladin sala es er - paskanniklerne 5500 f. fran rassandelskillenik		
Structure Ima	nges:	Structure Docu			
35-001-000-030	6-100-PHO1A.jpg	Commission on	AUGUST 19	PEMBERTON POINT	035-001-000-036-100-DCR1A
35-001-000-030		Commission on MA DPW	AUGUST 19 MARCH 193	PROPOSED	035-001-000-036-100-DCR1B
35-001-000-030	6-100-PHO1A.jpg	Commission on  MA DPW  MA DPW	AUGUST 19 MARCH 193 NOV 1938	PROPOSED RIP RAP	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C
35-001-000-030	6-100-PHO1A.jpg	Commission on MA DPW	AUGUST 19 MARCH 193 NOV 1938 MARCH 195	PROPOSED RIP RAP PROPOSED SHORE	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D
035-001-000-030	6-100-PHO1A.jpg	Commission on  MA DPW  MA DPW	AUGUST 19 MARCH 193 NOV 1938	PROPOSED RIP RAP PROPOSED SHORE PROPOSED SHORE	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D 035-001-000-036-100-DCR1E
035-001-000-030	6-100-PHO1A.jpg	Commission on MA DPW MA DPW MA DPW	AUGUST 19 MARCH 193 NOV 1938 MARCH 195	PROPOSED RIP RAP PROPOSED SHORE PROPOSED SHORE CONCRETE	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D 035-001-000-036-100-DCR1E 035-001-000-036-100-DCR1F
35-001-000-030	6-100-PHO1A.jpg	Commission on  MA DPW  MA DPW  MA DPW  MA DPW	AUGUST 19 MARCH 193 NOV 1938 MARCH 195 NOVEMBER	PROPOSED RIP RAP PROPOSED SHORE PROPOSED SHORE	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D 035-001-000-036-100-DCR1E 035-001-000-036-100-DCR1F
35-001-000-030	6-100-PHO1A.jpg	Commission on MA DPW MA DPW MA DPW MA DPW MA DPW MA DPW	MARCH 193 NOV 1938 MARCH 195 NOVEMBER U/R	PROPOSED RIP RAP PROPOSED SHORE PROPOSED SHORE CONCRETE	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D 035-001-000-036-100-DCR1E 035-001-000-036-100-DCR1F 035-001-000-036-100-TWN1B
35-001-000-030	6-100-PHO1A.jpg	Commission on  MA DPW  MA DPW  MA DPW  MA DPW  MA DPW  MA DPW	AUGUST 19 MARCH 193 NOV 1938 MARCH 195 NOVEMBER U/R	PROPOSED RIP RAP PROPOSED SHORE PROPOSED SHORE CONCRETE PEMBERTON POINT	035-001-000-036-100-DCR1B 035-001-000-036-100-DCR1C 035-001-000-036-100-DCR1D 035-001-000-036-100-DCR1E 035-001-000-036-100-DCR1F

NOV 1958

MA DPW

PROPOSED SHORE 035-001-000-036-100-TWN1E

**Structure Assessment Form** 

Town: Hull
Structure ID: 035-001-000-036-100
Key: community-map-block-parcel-structure

 MA DPW
 CONCRETE
 035-001-000-036-100-TWN1F

 TOWN OF HULL
 JUN 15 1979
 CHANNEL STREET
 035-001-000-036-100-TWN1G

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-001-000-036-200

roperty Owner:		Location:		A STATE OF THE PARTY OF THE PAR	Date:	
ocal		Windmill Poi	Windmill Point			8/3/2006
resumed Structure	e Owner:	Based On Co	mment:			
ocal		DCR - Contr	act Drawings			100 (100) y 100 (100 y 100 (100 (100 (100 (100 (1
		Earliest Start	cture Decords	Ectin	nated Reconstruct	ion/Renair Cost
wner Name:	/	Earliest Stru	cture Record:	Esui	nacea reconstruct	\$258,073.00
	ar ar vi		anuma sersekutahez-un-harreni himidahirumakitatisi 165 khuderanna	de Samero e de la Tamana e de qua a comencia de destri de adades de la capita pojeti tenso de destribo de adades involuciones.		Makapakka te kahiri yanan menangan di denteran di d
ength: Top E	levation: FIRM Map Zone	: FIRM Map Eleva	ation:			
1029	13 V	4	20	and the same of		
Feet Feet N	IAVD 88	Feet N	GVD			
imary Type:	Primary Material:	Primary Height:			N. A.	
ılkhead/ Seawal	The second secon	10 to 15 Feet	2002.7			
econdary Type:	Secondary Material:	Secondary Heig	ıht:		12	
evetment	Stone				7	
ructure Summar	,			All and the second		
Description	Structure observed to exhibit v problems, superficial in nature to landform is present. Struct adequate to provide protection coastal storm with no damage to prevent / limit future deterior life of structure.	Minor erosion ure / landform from a major Actions taken	Description	Potential for In High Density R of structure ma stabilization as loss of propert	e Structures Prese frastructure Dama lesidential Dwellin ay warrant emerge failure may result y and/or life. (>10 I feet of s horeline	ge and/or gs Condition incy in potential dwellings
		Structure Docum	ant not bisseyer säänäätää komminationergeryeyert in statuti Misseyer kultulainer lannakanakanakanakanakanakanakan ingen sen Mentse:		gen gegen kontrollede kindet en kenne gregorinde stelle til kindet. Sammen med vert kenne given som kenne sammen stelle	gadentikantinaksi (h. 15. milyaren era muutematen etti di etti (h. 15. milyaren era etti (h. 15. milyaren etti errenna etti (h. 15. milyaren etti (h. 15. milyaren etti (h. 15. milyaren etti (h. 15. milyaren etti (h. 15. m
35-001-000-036	-200-PHO2A.jpg	MA DPW MA DPW	AUG 1926	PEMBERTON POINT	035-001-000-03	6-200-TWN2B
35-001-000-036	200-PHO2A.jpg 200-PHO2B.jpg	MA DPW	AUG 1926 MAR 1937			6-200-TWN2B
35-001-000-036	-200-PHO2A.jpg -200-PHO2B.jpg	MA DPW MA DPW	AUG 1926 MAR 1937 NOV 1938	PEMBERTON POINT	035-001-000-03	6-200-TWN2B 6-200-TWN2C
35-001-000-036	-200-PHO2A.jpg -200-PHO2B.jpg	MA DPW MA DPW MA DPW	AUG 1926   MAR 1937   NOV 1938   MAR 1956	PEMBERTON POINT RIP RAP	035-001-000-03 035-001-000-03 035-001-000-03	6-200-TWN2B 6-200-TWN2C 6-200-TWN2D
tructure Imag 35-001-000-036 35-001-000-036	-200-PHO2A.jpg -200-PHO2B.jpg	MA DPW MA DPW MA DPW MA DPW	MAR 1937   NOV 1938   MAR 1956   NOV 1958	PEMBERTON POINT RIP RAP PROPOSED SHORE	035-001-000-03 035-001-000-03 035-001-000-03	6-200-TWN2B 6-200-TWN2C 6-200-TWN2D 6-200-TWN2E

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-002-000-001-100

roperty Owner:	konpagi nelin dikapinakenda kasalungun mendangkid apil-4 si den ikundunkulah dalambanyidan kili 2014 (ne. 19 4) nepagambah kili 1844 (ne.	Location:	daarry hilija uliku eryy depatatryd tryd taytataddi hir heft had entry ei yn ddiad	Date:		
ocal	A STATE OF THE STA	Highland Ave.		8/3/2006		
resumed Structure	Owner:	Based On Comment:				
ocal		Property Owner	rship	The state of the s		
Nuner Name:		Earliest Structu	re Record:	Estimated Reconstruction/Repair Cost:		
Owner Name:	*	Lainest structul	0	\$38,607.00		
	n mengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan pengangan Pengangan pengangan	- nad q arganijahiga gapalanin-parasanan ahara 200 kilomet 200 kil	ud fleggler van dezit felgentiens de terrete vermanen van dicht fin fil fen de en dezit zeit de kallede bleist worden in de en de felgen der deutschied de en de felgen dere de felgen de en de felgen de felgen de en de fel			
ength: Top Ele	the state of the s	FIRM Map Elevatio				
457	A3	1				
Feet Feet NA	AVD 88	Feet NGVI	)			
rimary Type:	Primary Material:	Primary Height:	<del></del>	nie.		
Bulkhead/ Seawall	Stone	Under 5 Feet		<b>《</b>		
Secondary Type:	Secondary Material:	Secondary Height:				
		1		A STATE OF THE STA		
Structure Summary	: nch high stone masonry wall. Coas		-6	side walls and good begind		
Level of Action Description	Minor Structure observed to exhibit very problems, superficial in nature. M to landform is present. Structure adequate to provide protection fro coastal storm with no damage. A to prevent / limit future deterioration life of structure.	inor erosion / landform m a major ctions taken	Action  Description	Consider for Next Project Construction Listing High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)		
Structure Image 035-002-000-001-1		ucture Documen	ts:			

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-002-000-002-100

The state of the s		Location:		Date:
Local	A CONTRACTOR OF STREET	Highland Ave.		8/3/2006
Presumed Structur	e Owner:	Based On Com	nment:	
Local		DCR - Contrac	t Drawings	
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstruction/Repair Cost:
Hull		Edinese serves	1956	\$32,271.00
	Elevation: FIRM Map Zone		ion: 11	The second contract which with black and the body contract contrac
382 Fact /	10.5 A	Feet NG		
			<b>V</b> D	
Primary Type: Bulkhead/ Seawal	Primary Material: Concrete	Primary Height: Under 5 Feet		
Secondary Type:	Secondary Material:	Secondary Height	t:	
scondary rype.	occordary Fraction	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
structure Summar	y :		34111	
Precast concrete v to 30 inch wide.	wall along road. Coastal beach /	dune outshore with sa	and up to top (	of wall in places. Top of 18 inch wide with tapered back
Condition	В		Priority	II
Rating	Good		Rating	Low Priority
Level of Action			Action	Future Project Consideration  Inshore Structures Present with Limited
Description	Structure observed to exhibit v problems, superficial in nature.	Minor erosion	Description	potential for Significant Infrastructure Damage
	to landform is present. Struct adequate to provide protection coastal storm with no damage to prevent / limit future deterior life of structure.	from a major Actions taken		
	to landform is present. Struct adequate to provide protection coastal storm with no damage to prevent / limit future deterior life of structure.	from a major Actions taken ation and extend		
Structure Imag 035-002-000-002	to landform is present. Struct adequate to provide protection coastal storm with no damage to prevent / limit future deterior life of structure.	from a major Actions taken ation and extend		PROPOSED SHORE   035-002-000-002-100-DCR1A

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-002-000-003-100

Property Owner:	tronzindre de de metronzen under deutsch. Ange ist wissen der de delet de delet de 1945 (h. 1945), deutsche des des deutsche de	Location:	and a series of the second and the second	Date:	
Local		Highland Ave.			8/3/2006
resumed Structure	e Owner:	Based On Con	nment:		
ocal	The same of the sa	Property Own	ership		
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstruction/	31 . / //
Hull			0		\$32,637.00
Feet Feet N Primary Type: Bulkhead/ Seawall Secondary Type:	Secondary Material:	Feet NG Primary Height: 5 to 10 Feet Secondary Heigh	11 VD t:	air condition with several repairs previous	ly
performed.  Condition Rating Level of Action Description	C Fair Moderate Structure is sound but may exhilt deterioration, section loss, crack undermining, and/or scour. Struct to withstand major coastal storm moderate damage. Actions take structure to provide full protectio coastal storm and for extending structure. Moderate wind or way landform exists. Landform may to fully protect shoreline during a storm. Actions taken to provide material for full protection and extending and extending structure.	oit minor cing, spalling, cture adequate with little to n to reinforce n from major life of ve damage to not be sufficient a major coastal addition	Priority Rating Action Description	II Low Priority Future Project Consideration Inshore Structures Present with Limit potential for Significant Infrastructure	ted
Structure Imag 035-002-000-003- 035-002-000-003-	100-PHO1A.jpg	ructure Docume	metrical control contr		

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-002-000-007-100

Key: community-map-block-parcel-structure

Date: Location: Property Owner: 8/3/2006 Highland Ave. Local Based On Comment: Presumed Structure Owner: DCR - Contract Drawings Local Estimated Reconstruction/Repair Cost: Earliest Structure Record: Owner Name: \$9,240.00 1956 Hull FIRM Map Elevation: FIRM Map Zone: Length: Top Elevation: 11 10.5 **A3** 140 Feet NGVD Feet NAVD 88 Feet Primary Material: Primary Height: Primary Type: Under 5 Feet Stone Revetment Secondary Material: Secondary Height: Secondary Type: Structure Summary: Revetment buried under sand. Few stones visible (1000 lbs.) IV В Priority Condition **High Priority** Good Rating Rating Consider for Next Project Construction Listing Minor Action Level of Action High Value Inshore Structures with Potential Structure observed to exhibit very minor Description Description for Infrastructure Damage and/or Moderate problems, superficial in nature. Minor erosion Density Residential Dwellings (1-10 dwellings to landform is present. Structure / landform impacted / 100 feet of shoreline) adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure. Structure Documents: Structure Images: 035-002-000-007-100-DCR1A PROPOSED SHORE MA DPW DECEMBER 035-002-000-007-100-PHO1A.jpg PROPOSED SHORE 035-002-000-007-100-TWN1A MA DPW DEC 1956

# **Structure Assessment Form**

Town: Hull

Structure ID: 035-002-000-021-100

roperty Owner:	uds Vicant som gelegfare hottering fra und vir die dette blag vir met met Virfeldelle blank det det det de vire ig hak tenne	Location:		Date:			
ocal		Pemberton			8/3/2006		
Presumed Structure Owner:  Local  Owner Name:  Hull		Based On Co	omment:				
			Property Ownership				
			The Land Beautiful Deno				
		Earliest Stru	Earliest Structure Record:		\$302,702.00		
uli		made eller frei synthere frei der eller sich er eller som ver eller eller frei der eller de det eller eller de	n trede saandekkuskir Uni Taalikka ji Zibossako - norvesto Krinds delizilikiski in Narasaniminennininin dalaninin teologista (kolizioaasaniminininin) - indinad		And to the second of the secon		
ngth: Top Ele	evation: FIRM Ma	p Zone: FIRM Map Elev			- T. / (II)		
126		V4	20				
Feet Feet N	AVD 88	Feet N	Feet NGVD				
rimary Type:	Primary Material						
roin/ Jetty	Stone	5 to 10 Feet					
econdary Type:	Secondary Mater	al: Secondary Hei	ght:				
Rating Level of Action Description	Poor Major Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.		Rating Action Descriptio		Long Term Planning Considerations  No Inshore Structures or Residential Dwelling		
Structure Imag 035-002-000-021-		Structure Docur	MARCH 193	PROPOSED	035-002-000-021-100-DCR1A 035-002-000-021-100-DCR1B		
35-002-000-021-	100-PHO1B.jpg	MA DPW		RIP RAP	035-002-000-021-100-DCR1B		
		MA DPW	MAR 1937 NOV 1938	PEMBERTON POINT	035-002-000-021-100-TWN1B		
		MA DPW					

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-002-000-023-100

Local		Location:			Date: 8/3/2006		
		Pemberton		3,1 VO 3 V C STORY C			
Presumed Structure Owner:  Local  Owner Name:		Based On (	Based On Comment:				
		DCR - Con	DCR - Contract Drawings  Earliest Structure Record: Estimated Reconstruction/Repair Cost:				
		Farliest Str					
		Edilicse Sti	1956		\$189,664.00		
ngth: Top El	evation: FIRM Map Zone	: FIRM Map Ele	vation:			makasakeegamii isi ka ka maga kii ja mada a ka maga kii ka	
465	14 \	14	20				
Feet Feet N	AVD 88	Feet I	NGVD				
imary Type:	Primary Material:	Primary Heigh	it:	Ser Con			
ulkhead/ Seawall	Concrete	10 to 15 Feet		(5)			
econdary Type:	Secondary Material:	Secondary He	ight:				
evetment	Stone	10 to 15 Feet		AND T			
ructure Summary	<i>i</i> :						
Condition Cating evel of Action	as minor transverse cracking and B Good Minor		Priority Rating Action	IV High Priority	ext Project Constru	uction Listing	
Description	Structure observed to exhibit v problems, superficial in nature. to landform is present. Struct adequate to provide protection coastal storm with no damage. to prevent / limit future deterior life of structure.	Descriptio	for Infrastructur Density Reside	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)			
tructure Imag		Structure Docur					
35-002-000-023-1	100-PHO1A.jpg	MA DPW	MARCH 195	PROPOSED SHORE			
tructure Image 35-002-000-023-1 35-002-000-023-1	100-PHO1A.jpg		MARCH 195 AUG 31 197	PROPOSED SHORE CHANNEL STREET PROPOSED SHORE	035-002-000-023 035-002-000-023 035-002-000-023	3-100-TWN1A	

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-003-000-047-100

Property Owner:		Location:		Date:		
Local		Stony Beach		8/3/2006		
Presumed Structure Owner:  Local		Based On Comment:				
		Property Ownership				
Owner Name:		Earliest Structur	e Record:	Estimated Reconstruction/Repair Cost:		
Hull /		0		\$131,005.00		
Length: Top El	evation: FIRM Map Zone:	FIRM Map Elevatio				
834	V4	2		<b>10</b>		
Feet Feet N	AVD 88	Feet NGVI	)			
Primary Type:	Primary Material:	Primary Height:				
Revetment	Stone	10 to 15 Feet				
Secondary Type:	Secondary Material:	Secondary Height:	manick.			
Structure Summary	· ·	Age of the second second		Toed into beach. Inshore grade about 4 feet below		
Condition Rating Level of Action Description	B Good Minor Structure observed to exhibit very problems, superficial in nature. M to landform is present. Structure adequate to provide protection fro coastal storm with no damage. A to prevent / limit future deteriorate	inor erosion / landform om a major ctions taken	Priority Rating Action Description	High Priority Consider for Next Project Construction Listing High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings ( 1-10 dwellings impacted / 100 feet of s horeline)		
Structure Imag   035-003-000-047-   035-003-000-047-	100-PHO1A.jpg	ucture Documen	ts:			

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-004-000-040-100

Property Owner:	ran dadi yirmah bur 4 - da Jasar dadi 4 shili meriah ngahah dimuse dalar Anghangka 1944 - 1, yi Yeleh dalar 19 mbili balir dalar danah dan	Location:	nit manara. Bada yak miliku karafarina, Maring Kanamilikan dendaki indi eshadir. Sabiri	Date:
Local	A CONTRACT OF THE PARTY OF THE	Highland Ave.		8/3/200
Presumed Structure Owner:		Based On Comm	nent:	
Local		Property Owner	ship	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Owner Name:		* Earliest Structur	e Record:	Estimated Reconstruction/Repair Cost:
Hull		g accident to the control of the con	O	\$0.00
The second second	evation: FIRM Map Zone:	FIRM Map Elevation	-	
270	AVD 00	Feet NGVD		
	AVD 88		,	
Primary Type: Revetment	Primary Material: Stone	Primary Height: 5 to 10 Feet	-	
	•	Secondary Height:		
Secondary Type:	Secondary Material:	Secondary Height.		
* Structure Summary	·:			
	2 ton. Slope 45 degree toed into I	oeach. 4 foot wide fl	at toe.	
Condition	A		Priority	IV
Rating	Excellent		Rating	High Priority
Level of Action	None		Action	Consider for Next Project Construction Listing
Description	Like new condition. Structure exp withstand major coastal storm wit Stable landform (beach, dune or be Adequate system exists to provide from major coastal storm.	hout damage. bank).	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)
Structure Imag 035-004-000-040-1		ucture Document		

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-005-000-075-100

Property Owner:  Local  Presumed Structure Owner  Local  Owner Name:  Hull  Length: Top Elevation 2272  Feet Feet NAVD 8  Primary Type:  Bulkhead/ Seawall  Secondary Type:  Revetment  Structure Summary:  Stone seawall (dryset) wappears more like revetment  Condition  Rating  Poor  Level of Action  Majo	n: FIRM Map Zone: A3	Location: Highland Ave Based On Co Property Ow Earliest Struc  FIRM Map Eleva  Feet NO Primary Height: 10 to 15 Feet	entership cture Record:  0 etion: 11 GVD	Date:  Estimated Reconstruct	8/3/2006 tion/Repair Cost: \$5,698,176.00
Presumed Structure Owner Local  Owner Name: Hull  Length: Top Elevation 2272 Feet Feet NAVD 8  Primary Type: Bulkhead/ Seawall  Secondary Type: Revetment  Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D  Rating Poor Level of Action Major	Primary Material: Stone	Based On Co Property Ow Earliest Struc FIRM Map Eleva Feet NO Primary Height:	entership cture Record:  0 etion: 11 GVD	Estimated Reconstruct	tion/Repair Cost:
Dwner Name: Hull  Length: Top Elevation 2272  Feet Feet NAVD 8  Primary Type: Bulkhead/ Seawall  Secondary Type: Revetment  Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D  Rating Poor  Level of Action Major	Primary Material: Stone	Property Ow  Earliest Struct  FIRM Map Eleva  Feet NO  Primary Height:	nership cture Record:  0  ation: 11  GVD	Estimated Reconstruct	THE WAR IN THE STREET
Dwner Name: Hull  Length: Top Elevation 2272  Feet Feet NAVD 8  Primary Type: Bulkhead/ Seawall  Secondary Type: Revetment  Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D  Rating Poor  Level of Action Major	Primary Material: Stone	Property Ow  Earliest Struct  FIRM Map Eleva  Feet NO  Primary Height:	nership cture Record:  0  ation: 11  GVD	Estimated Reconstruct	THE WAR IN THE STREET
ength: Top Elevation 2272 Feet Feet NAVD 8 Primary Type: Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stope seawall (dryset) wappears more like revetned appears more	A3 88 Primary Material: Stone	Earliest Struc  FIRM Map Eleva  Feet NC  Primary Height:	otion: 11 GVD	Estimated Reconstruct	THE WAR IN THE STREET
ength: Top Elevation 2272  Feet Feet NAVD 8  Primary Type: Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stone seawall (dryset) was pepaars more like revetment  Condition D  Rating Poor  Level of Action Major	A3 88 Primary Material: Stone	FIRM Map Eleva Feet NO Primary Height:	0 ation: 11 GVD	Estimated Reconstruct	THE WAR IN THE STREET
Feet Feet NAVD 8 Primary Type: Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D Rating Poor Level of Action Major	A3 88 Primary Material: Stone	Feet NC	11 GVD		NAME of Advisory and the second of the secon
Feet Feet NAVD 8 Primary Type: Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D Rating Poor Level of Action Major	A3 88 Primary Material: Stone	Feet NC	11 GVD		1
Feet Feet NAVD 8  Primary Type: Bulkhead/ Seawall  Secondary Type: Revetment  Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition D  Rating Poor  Level of Action Major	Primary Material: Stone	Primary Height:	GVD		
Primary Type: Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stone seawall (dryset) wappears more like revetment Condition Rating Poor Level of Action Major	Primary Material:	Primary Height:			2.40
Bulkhead/ Seawall Secondary Type: Revetment Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition  Poor Rating Poor Level of Action  Major	Stone		and the second s		1234
Secondary Type: Revetment Structure Summary: Stone seawall (dryset) wappears more like revetment  Condition  Rating  Poor  Level of Action  Major		110 to 15 1 ccc		<b>-</b>	
Revetment Structure Summary: Stone seawall (dryset) wasppears more like revetn  Condition  Rating  Poor  Level of Action  Major	Secondary Material:	Canada da	h.s.		
Structure Summary : Stone seawall (dryset) wappears more like revetor  Condition D  Rating Poor  Level of Action Major		Secondary Heig 10 to 15 Feet	nt:	3 - 6	
Stone seawall (dryset) wappears more like revetored Condition Dating Poor Level of Action Major		110 to 15 rect			
Condition D Rating Poor Level of Action Majo	ith stoop earth slope behind /	over 50 feet high	) revetment dumned	along toe of wall. Western 200 feel	t toppled and
dete unde stror failu shou repa take capa Land durir recre		ng, spalling, ture has and possible rm. Structure ated. Actions egain full storm. ened. e protection ns taken to nits for full	Priority Rating Action  Description	III Moderate Priority Consider for Active Project Improblems Listing Inshore Structures with potential Infrastructure Damage and/or Lir Residential Dwellings ( <1 dwelli 100 feet of shoreline)	l for mited
Structure Images: 035-005-000-075-100-Pl	HO1A.jpg DE	ucture Documo	ents: DEC 10 193 PLA	N 035-005-000-07	75-100.LIC1A.pdf
035-005-000-075-100-PI					
035-005-000-075-100-PI					

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-005-000-086-100

50 details 121 | 155 555 555 555 155

ocal		Location:		Date:
	A species	Highland Ave.	8/3/2006	
resumed Structure	e Owner:	Based On Comm	ent:	
ocal	, compare requires a secretary of the se	Property Owners	ship	
wner Name:		Earliest Structure	e Record:	Estimated Reconstruction/Repair Cost:
Iull	,		0	\$53,130.00
ength: Top E	evation: FIRM Map Zone:	FIRM Map Elevation	<u> </u>	
125	10.5 A3	10		
Feet Feet N	AVD 88	Feet NGVD		Service Control of the Land
Primary Type:	Primary Material:	Primary Height:	4	
Bulkhead/ Seawall	•	Under 5 Feet		
Secondary Type:	Secondary Material:	Secondary Height:	-	
Structure Summary		1		
	rete seawall with coastal beach out zontal cracks and spalling.	shore and earth slope	behind (approxir	nately 20 feet rise at 1 vertical to 2 or 3 horizontal
Condition	С		Priority	IV
Rating	Fair		Rating	High Priority
Level of Action	Moderate Structure is sound but may exhib		Action Description	Consider for Next Project Construction Listing High Value Inshore Structures with Potential
Descripti <b>on</b>	deterioration, section loss, crack undermining, and/or scour. Struct to withstand major coastal storm moderate damage. Actions taker structure to provide full protection coastal storm and for extending latructure. Moderate wind or wavelandform exists. Landform may refully protect shoreline during a storm. Actions taken to provide a	ng, spalling, ture adequate with little to n to reinforce if of e damage to ot be sufficient major coastal ddition	•	for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)
	material for full protection and ex	lended me.		

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-005-000-096-100

A3  / Material:  Property Material:  Solution So	inor r erosion andform a major	Prawings Pra	er. Revetment (200 to 1  IV  High Priority  Consider for Next  High Value Insho for Infrastructure	Damage and/or Moderate
A3  / Material: Property of the property of th	Earliest Structure  Earliest Structure  IRM Map Elevation  Feet NGVD  Frimary Height:  To to 15 Feet  Feet Cap wall around  The property of the condary Height:  The property of the cap wall around  The property of the cap wall around	Drawings e Record: 1955  d top perimeter  Priority  Rating  Action	er. Revetment (200 to 1  IV  High Priority  Consider for Next  High Value Insho for Infrastructure	\$70,475.00  000 lbs. stone) at 45 degree  Project Construction Listing re Structures with Potential Damage and/or Moderate
A3  / Material: Property of the property of th	Earliest Structure  IRM Map Elevation  10 Feet NGVD  Primary Height: 10 to 15 Feet  Secondary Height: 10 to 15 Feet  ete cap wall around  inor or erosion andform a major	e Record: 1955  d top perimeter  Priority  Rating  Action	er. Revetment (200 to 1  IV  High Priority  Consider for Next  High Value Insho for Infrastructure	\$70,475.00  000 lbs. stone) at 45 degree  Project Construction Listing re Structures with Potential Damage and/or Moderate
A3  / Material: Property of the property of th	IRM Map Elevation 10 Feet NGVD Primary Height: 10 to 15 Feet Secondary Height: 10 to 15 Feet ete cap wall around inor r erosion andform a major	1955  d top perimeter  Priority  Rating  Action	er. Revetment (200 to 1  IV  High Priority  Consider for Next  High Value Insho for Infrastructure	\$70,475.00  000 lbs. stone) at 45 degree  Project Construction Listing re Structures with Potential Damage and/or Moderate
A3  / Material: Property of the property of th	IRM Map Elevation 10 Feet NGVD Primary Height: 10 to 15 Feet Secondary Height: 10 to 15 Feet ete cap wall around inor r erosion andform a major	1955  d top perimeter  Priority  Rating  Action	er. Revetment (200 to 1  IV  High Priority  Consider for Next  High Value Insho for Infrastructure	\$70,475.00  000 lbs. stone) at 45 degree  Project Construction Listing re Structures with Potential Damage and/or Moderate
A3  / Material: Property of the property of th	Feet NGVD Primary Height: 10 to 15 Feet Secondary Height: 10 to 15 Feet ete cap wall around inor r erosion andform a major	d top perimeter  Priority  Rating  Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
my Material:  Property Material:  Property Material:  Solution:  Property Material:  Property Material:  Solution:  Property Material:  Property M	Feet NGVD Primary Height: 10 to 15 Feet Secondary Height: 10 to 15 Feet ete cap wall around inor r erosion andform a major	d top perimeter  Priority  Rating  Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
ary Material: So 1  with 2 foot high concre or rap in fair condition.  erved to exhibit very milerficial in nature. Minor present. Structure / la ovide protection from a	rimary Height:  10 to 15 Feet  10 to 15 Feet  10 to 15 Feet  10 to 15 Feet  10 to 15 rect  10 to 15 rect	d top perimeter  Priority  Rating  Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
ary Material: So 1  with 2 foot high concre or rap in fair condition.  erved to exhibit very milerficial in nature. Minor present. Structure / la ovide protection from a	inor r erosion a major	Priority Rating Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
with 2 foot high concre o rap in fair condition.	iecondary Height:  10 to 15 Feet  ete cap wall around  inor r erosion andform a major	Priority Rating Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
with 2 foot high concre orap in fair condition.  erved to exhibit very milerficial in nature. Minor present. Structure / la ovide protection from a	to 15 Feet  ete cap wall around  inor r erosion andform a major	Priority Rating Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
with 2 foot high concre o rap in fair condition. erved to exhibit very mil erficial in nature. Minor present. Structure / la ovide protection from a	ete cap wall around inor r erosion andform a major	Priority Rating Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
erved to exhibit very minerficial in nature. Minor present. Structure / la ovide protection from a	inor r erosion andform a major	Priority Rating Action	IV High Priority Consider for Next High Value Insho for Infrastructure	: Project Construction Listing re Structures with Potential Damage and/or Moderate
nit future deterioration a	ery minor Description Minor erosion ire / landform from a major Actions taken		High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)	
and a biologist constraint of the second of	Additional description of the second of the		of admit in excitable allest him his hala plays common allest him had be appared on the free desirable and a change of the change and the cha	enconcolal and their proposes conflor of artistals restrained programmed on a confloring confloring confloring and a confloring conf
			PROPOSED	035-005-000-096-100-DCR1A
				035-005-000-096-100-TWN1A
	MA DI	MA DPW JU		MA DPW JUNE 1955 PROPOSED

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-005-000-100-100

Presumed Structure Owner:    Local   DCR - Contract Drawings	Property Owner:	ugter kutti nege tikkeljedigte-nime pekuttyrikkitetelegier i kittyligidildelekele	arifeletarrista de cimbregarie (1,500 m.) 3 - de tarbusquela se malaire, recibilitzandende leithe	Location:	artistrus vara-dustra tradi-dissociones dell'instancia dell'indica	p-ndefe-tif-njardjardjurdheljamatamitikijaminingfaldriftikkitPr-V-ty-V-ty-VjarjaksyskernitA-tiksV-tiks	Date:	
DCR - Contract Drawings				James Ave.				8/3/2006
Owner Name:    Earliest Structure Record:   Estimated Reconstruction/Repair-				Based On Comi	ment:			
Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 345	_ocal		200 A 100 A	DCR - Contract	Drawings			21 Fut 20 6 8 - 8 - 8 - 1/1 le
Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 345	Owner Name:			Farliest Structu	re Record:	Estimated R	teconstruction/l	Repair Cost:
345 10 A3 10 Feet Feet NAVD 88 Feet NGVD Primary Type: Bulkhead/ Seawall Stone Secondary Height: Structure Summary:  3 foot wide stone block seawall with mortared base buried under sand road directly behind. Timber railing on wall (insufficient for pedestria or vehicles loading). Inshore face of wall is concrete curb for road.  Condition B Action Minor Action Minor Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images: Structure Documents:	the state of the s				The second section of the second section is		AND STREET OF THE PROPERTY.	\$52,371.00
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height:		No. of Section 1		The state of the s			Company (Control Control Contr	
Primary Type: Primary Material: Primary Height: Stone Secondary Material: Secondary Height: Secondary Type: Secondary Material: Secondary Height: Secondary Type: Secondary Material: Secondary Height: Secondary Height: Secondary Height: Secondary Material: Secondary Height: Structure Observed base buried under sand road directly behind. Timber railing on wall (insufficient for pedestrial or vehicles loading). Inshore face of wall is concrete curb for road.  **Condition**  **Rating** **Good** **Rating** **Good** **Rating** **Action** **Action** **Description** **Description** **Description** **Description** **Description** **Injuly Action** **Description** **Description			A3				Mark.	
Bulkhead/ Seawall  Secondary Type: Secondary Material: Secondary Height:  Structure Summary:  Structure Summary:  Structure Summary:  Structure Summary:  Structure Secondary Material: Secondary Height:  Secondary High Priority  Secondary Height:  Secondary Height:  Secondary Height:  Secondary Height:  Secondary Height:  Secondary Height:					J			
Secondary Type: Secondary Material: Secondary Height:  Structure Summary:  Secondary Height:  Secondary Heig			y Material:	(1.000 ) The contract of the c	<u></u>			
Structure Summary:  3 foot wide stone block seawall with mortared base buried under sand road directly behind. Timber railing on wall (insufficient for pedestria or vehicles loading). Inshore face of wall is concrete curb for road.    Condition   B			anı Matorialı					
Timber railing on wall (insufficient for pedestria rehicles loading). Inshore face of wall is concrete curb for road.  Condition  B  Rating  Good  Rating  Level of Action  Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Documents:	secondary Type:	Second	ary material.	Jecondary Height.				
Timber railing on wall (insufficient for pedestria revehicles loading). Inshore face of wall is concrete curb for road.  Condition  B  Rating  Good  Rating  Level of Action  Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Documents:	Structure Summan	,·						
Condition B	3 foot wide stone b	block seawall wit	th mortared base b	uried under sand roa	d directly behind.	Timber railing on wall (in	sufficient for <b>pe</b>	edestrians
Rating Good Rating High Priority  Level of Action Minor Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images: Structure Documents:	or vehicles loading	). Inshore face	of wall is concrete	curb for road.				
Rating Good Rating Minor Action Minor Action Consider for Next Project Construction Listing Action Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images: Structure Documents:	Condition	В			Priority	IV		
Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Documents:					•	High Priority		
problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Documents:								
	Description	problems, sup to landform is adequate to pi coastal storm to prevent / lim	erficial in nature. M present. Structure rovide protection fro with no damage. A nit future deteriorati	linor erosion e / landform om a major actions taken	Description	for Infrastructure Dam Density Residential Density	age and/or Mod vellings ( 1-10 d	derate
035-005-000-100-PHO1A.jpg   MA DPW   JUNE 1955   PROPOSED   035-005-000-100-100-DCR								
	)35-005-000-100-1	100-PHO1A.jpg	MA	DPW JU	NE 1955   PRO	OPOSED 035-0	05-000-100-10	0-DCR1A

#### **Structure Assessment Form**

Town: |Hull

Structure ID: 035-006-000-042-100

Key: community-map-block-parcel-structure

Property Owner:		Location:	Date:
Local		James Ave.	8/3/2006
Presumed Structure Owner:		Based On Comment:	
Local		DCR - Contract Drawings	
Owner Name:		Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Hull	/	1955	\$0.00
Length: Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:	

10

Feet NAVD 88 Feet Feet NGVD Primary Type: Primary Material: Primary Height: Concrete Bulkhead/ Seawall Over 15 Feet Secondary Type: Secondary Material: Secondary Height: Revetment Stone Over 15 Feet

**A3** 



Structure Summary:

1234

Placed stone revetment forms base of structure. 1 to 1 slope. 1 ton to 2 ton stones. 5 foot long precast concrete sections on 6 inch concrete slab form top of structure. Paved slope behind concrete at 1 to 1 slope to road edge.

**Condition** Excellent Rating Level of Action None Description

Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.

**Priority** Rating Action Description

**High Priority** Consider for Next Project Construction Listing

IV

High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

035-006-000-042-100-PHO1A.jpg 035-006-000-042-100-PHO1B.jpg Structure Documents:

MA DPW	JUNE 1955	PROPOSED	035-006-000-042-100-DCR1A
MA DPW	OCT 1956	PROP SHORE	035-006-000-042-100-DCR1B
MA DPW	OCT 1957	PROPOSED SEA	035-006-000-042-100-DCR1C
DEP CH.91	OCT 10 198	PLAN	035-006-000-042-100.LIC1A.pdf
MA DPW	JUNE 1955	PROPOSED	035-006-000-042-100-TWN1A
MA DPW	OCT 1957	PROPOSED SEA	035-006-000-042-100-TWN1B

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-006-000-067-100

Property Owner:	Location:	difficume fully med makes difficultied for fully puriodistications of futures of th	constant (the first and administrative according according according to the contract of the co	entiteshkikkili saari ee ku
Local	James Ave.		0.10.000.000.000.000.000.000.000.000.00	8/3/2006
Presumed Structure Owner:	Based On Comm	nent:		
Local	Property Owner	ship		
Owner Name:	Earliest Structur	e Record:	Estimated Reconstruct	tion/Repair Cost:
Hull		0		\$34,853.00
Length: Top Elevation: FIRM Map Zone:	FIRM Map Elevation	n - un Men in betrekkels der seilen seilen seilen seilen seilen der delta of delta o	AND DE LANGE CONTROL AND AND THE SECURITY OF THE CONTROL AND	1066/166400000 - Territorio - Te Discontinuo - Territorio - Terri
82 A3	3 10	0	T TO	
Feet Feet NAVD 88	Feet NGVD	)		
Primary Type: Primary Material:	Primary Height:	<u></u>		1
Bulkhead/ Seawall Stone	Under 5 Feet			A. S.
Secondary Type: Secondary Material:	Secondary Height:	_		o ost
				The state of the s
Structure Summary :				
18 inch wide stone masonry wall (mortared). Concr	ete <b>repairs m</b> ade to str	ucture. Grout w	asning out.	
Condition C		Priority	IV	
Rating Fair		Rating	High Priority	
Level of Action Moderate  Description Structure is sound but may exhi		Action  Description	Consider for Next Project Constru High Value Inshore Structures wi	
deterioration, section loss, crack undermining, and/or scour. Structor withstand major coastal storm moderate damage. Actions take structure to provide full protection coastal storm and for extending structure. Moderate wind or was landform exists. Landform may to fully protect shoreline during a storm. Actions taken to provide material for full protection and extending a storm.	cture adequate n with little to n to reinforce on from major life of ore damage to not be sufficient a major coastal addition		for Infrastructure Damage and/or Density Residential Dwellings ( 1 impacted / 100 feet of s horeline)	
035-006-000-067-100-PHO1A.jpg	ructure Document	S:		
035-006-000-067-100-PHO1B.jpg				

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-006-000-075-100

Presumed Structure Owner:  Local Property Ownership  Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost: Hull 0 \$350,658.00  Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 231 A3 10 Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height: Bulkhead/ Seawall Concrete 5 to 10 Feet	Property Owner:	rapelijonologinas platitiologijas, inatopa, kieda poriotekski tatemuskima inat til i todellena dekske deksiviteristi (* 1 aato uurb )	Location:	detigad deter verfisie ver stejet det men settligt det stejet steller det stellet det de værs forse, de den det	Date:
Property Ownership   Concrete   FiRM Map Zone:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   Top Elevation:   Top Elevation:   A3	Local	2011 2 - 2013 - 1 - 1 (2011 - 1 ) (2011 - 1 ) (2011 - 1 ) (2011 - 1 ) (2011 - 1 )	James Ave.		8/3/20
Property Ownership   Concrete   FiRM Map Zone:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   FiRM Map Zone:   FiRM Map Elevation:   Top Elevation:   Top Elevation:   Top Elevation:   A3	Presumed Structure Owner:		Based On Con	nment:	
Owner Name:    Earliest Structure Record:   Estimated Reconstruction/Repair Cost					and the second s
Hull  Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  A3 10  Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height:   Structure Summary :					Ectimated Reconstruction/Penair Cost
Length: Top Elevation: FIRM Map Zone: 10	The second secon	7	Earliest Struct		and the second s
Primary Type: Primary Material: Primary Height: Secondary Type: Secondary Material: Secondary Height: Secondary Type: Secondary Material: Secondary Height: Secondary Type: Secondary Material: Secondary Height: Structure Summary: Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition Description  Description  Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure be regain full capacity to resist a major coastal storm. Structure be regain full capacity to resist a major coastal storm. Landform rote deequate to provide protection during major coastal storm. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm.  Landform rote adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images: Structure Documents:		record and the control of the contro	i galamini armoninte et indem pri alpha an indisabilità delle relata e el l'armonina e vincia. Annum rissioni menti surle e in contenum alla del contenum alla della contenum in la l'armonina della contenum	, som en skalende kommen og skalende skalende skalende skalende skalende skalende skalende skalende skalende s Bengin og skalende s	
Feet Feet NAVD 88 Feet NGVD  Primary Type:   Primary Material:   Primary Height:   Structure Summary :    Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition   D					A STATE OF THE STA
Primary Type:   Bulkhead/ Seawell   Concrete   5 to 10 Feet			1		OKAL III KARITTA AND AND AND AND AND AND AND AND AND AN
Bulkhead/ Seawall   Concrete   5 to 10 Feet	Feet Feet N	AVD 88		VD	Control of the Contro
Structure Summary:  Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition  Condition  Description  Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity for resist a major coastal storm.  Landform ended, stability threatened. Landform to adequate imits for full protection from a major coastal storm.  Structure Images:  Structure Images:  Structure Documents:	Primary Type:	The second secon	gland		
Structure Summary:  Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition  Description  Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform ended, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images:  Structure Documents:	Bulkhead/ Seawall	•	•		
Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition  D  Rating Poor Rating Poor Rating Poor Rating Action Consider for Next Project Construction Listing Action Consider for Next Project Construction Listing High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Description Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform enoded, stability threatened. Landform not adequate limits for full protection from a major coastal storm.  Structure Images: Structure Documents:	Secondary Type:	Secondary Material:	Secondary Heigh	<u>t:</u>	
Concrete seawall in fair condition. Width changes at center from 2 feet to 1 foot. Concrete poured along outshore toe where wall looks to have failed previously.  Condition  D  Rating Poor Rating Poor Rating Poor Rating Action Consider for Next Project Construction Listing Action Consider for Next Project Construction Listing High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Description Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform enoded, stability threatened. Landform not adequate limits for full protection from a major coastal storm.  Structure Images: Structure Documents:					
Condition  D Rating Poor Rating Level of Action Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm.  Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images:  Structure Documents:	Structure Summary	-			de la contra del contra de la contra del l
Rating Level of Action  Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform root adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images:  Structure Documents:		D		Priority	IV
Level of Action  Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform rot adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images:  Structure Documents:				*	
Description  Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.  Structure Images:  Structure Documents:	-			-	
035-006-000-075-100-PHO1A.jpg		deterioration, section loss, cracki undermining, and/or scour. Struct strong risk of significant damage failure during a major coastal sto should be monitored until repairs/reconstruction can be init taken to reconstruct structure to a capacity to resist a major coastal Landform eroded, stability threate Landform not adequate to provid during major coastal storm. Action recreate landform to adequate line	ng, spalling, cture has and possible rm. Structure iated. Actions regain full storm. ened. e protection ons taken to nits for full	Description	for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings
	_		ructure Docume	ents:	
	1230 230 000 010-	פיונייייייייי			

#### **Structure Assessment Form**

Town: | Hull | Structure ID: | 035-007-000-006-100

Property Owner:		Locatio	n:	Date:		
Local			Spring St		3 1 37 24	8/3/2006
Presumed Structure Owner:			Based Or	Comment:		
Local			Property	Ownership		to the same the same same and the same and t
Owner Name:			Earliest S	tructure Record:		Estimated Reconstruction/Repair Cost:
-lull /				Ō	\$65,122.00	
Length: Top E	elevation:	FIRM Map 2	Zone: FIRM Map E		ar y sakuntuk layusukka yangki Makusalahanan laya pananga dalaksi dalaksi dalaksi dalaksi dalaksi dalaksi dalak Sahuri I Indik dalaksi	
429	9	1201100	A3	10	JE D	
Feet Feet N	NAVD 88		Fee	t NGVD	- 12 Maria (198	
Primary Type:	Pr	rimary Material:	Primary Heig	ıht:		The state of the s
Bulkhead/ Seawall		tone	5 to 10 Feet		1	
Secondary Type:	Sec	condary Material:	Secondary H	leight:		
Structure Summan	<b>/</b> :					
30 foot wide stone mid height of wall)	masonry b	lock seawall with	sidewalk and road be	ehind. Cemetary a	ilso. Mortar washed	out below mean high water (about
ma neight of wall)	,.					
Condition	В			Priority	II	
Rating	Good			Rating	Low Priori	ty
Level of Action	Minor			Action	Future Pro	oject Consideration
Description	problems, to landformadequate coastal sto	m is present. Stru to provide protecti orm with no dama :/limit future dete	ure. Minor erosion ucture / landform	Description		tructures Present with Limited or Significant Infrastructure Damage
tructure Image		ipa	Structure Docu		PLAN	035-007-000-006-100-LIC1A.pdf
		0	TOWN OF HULL			
35-007-000-006-1	00-PHO18					
35-007-000-006-1	00-PHO1B.	JP9	TOWN OF HULL		SPRING STREET SPRING STREET	035-007-000-006-100-TWN1A 035-007-000-006-100-TWN1B

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-007-000-008-100

Property Owner:	and the second s	Location	n:		Date:
Local		Spring St		8/3/2006	
Presumed Structur	e Owner:	Based On	Comment:		
Local		DEP - Ch	91 License	and the second s	en enteren y y reger and a resident above to the problem and a second problem as the
Owner Name:		Earliest Si	tructure Record:	E	stimated Reconstruction/Repair Cost:
Hull	7		193		\$0.00
Length: Top E	levation: FIRM Map Zon	e: FIRM Map El	evation:	odd y llatening widely red difference and have been been a final part of colored at the first the difference and a second at the first the difference and the second at the first the difference and the second at the first the second at the s	Agraphic Private Parks (2007) Called Broad Private Private Parks (2007) Called Broad Private Parks (2007) Ca
1105	11	A3	10	Two Tax	
Feet Feet N	NAVD 88	Feet	NGVD	A CONTRACTOR	AUG.
Primary Type:	Primary Material:	Primary Heig			
Revetment	Stone	5 to 10 Feet		The state of the s	
Secondary Type:	Secondary Material:	Secondary H	eight:		A 10
_					
Structure Summan	/: inshore. Average stone 1 ton. I		***		
Rating Level of Action Description	Excellent None Like new condition. Structure e withstand major coastal storm Stable landform (beach, dune Adequate system exists to pro from major coastal storm.	without damage. or bank).	Priority Rating Action Descripti	Consider For Safety and V Critical Inshor Potential for High Density of structure restabilization loss of proper	Highest Priority  r Immediate Action Due to Public Velfare Issues  ore Structures Present with Infrastructure Damage and/or v Residential Dwellings Condition may warrant emergency as failure may result in potential erty and/or life. (>10 dwellings 00 feet of s horeline)
<b>Structure Ima</b> ge 035-007-000-008-1	00-PHO1A.jpg [	Structure Docur DEP CH.91 DEP CH.91 TOWN OF HULL	ments: DEC 10 193 OCT 10 198 OCT 3 1989	PLAN TO PLAN SPRING STREET	035-007-000-008-100-LIC1A.pdf 035-007-000-008-100-LIC1B.pdf 035-007-000-008-100-TWN1A

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-007-000-052-100

roperty Owner:	and the constitution of		Location	1:		Date:
ocal			Stony Bea	ach		8/2/2006
resumed Struct	ture Owner:		Based On	Comment:		
.ocal		THE STATE OF THE S	DCR - Co	ntract Drawings	343 760	
Owner Name:		2 2 2	Earliest St	tructure Record:	Es	stimated Reconstruction/Repair Cost:
Hull		/		193		\$1,974,699.00
ength: Top	Elevation:	FIRM Map Zon	e: FIRM Map El	evation:	PARE I'M PARE AND BE ARREST AN	medit distinsish bilati distinsish di Asia Panada kan kada panada Asia Rahih umarak surak burga di panada su d Pilati di kanada di panga kanada kanada di panada kanada kanada kanada kanada kanada kanada kanada kanada kanad
2527	17		V4	20	THE PARTY NAMED IN	
Feet Fee	t NAVD 88		Feet	NGVD		
rimary Type:		Primary Material:	Primary Heig	ht:		
evetment		Stone	10 to 15 Fee	the state of the s		
econdary Type		Secondary Material:	Secondary He	eight:	A	
tructure Summ	arv ·					
Level of Actio Description	Structu deterior underm to withs modera structur coastal structur landforn to fully storm.	re is sound but may extration, section loss, cration, and/or scour. Stratand major coastal storate damage. Actions take to provide full protect storm and for extendinge. Moderate wind or we exists. Landform may protect shoreline during Actions taken to provide I for full protection and	cking, spalling, ucture adequate m with little to ten to reinforce ion from major g life of awe damage to major coastal a major coastal e addition	Action Descript	ion High Value Ir for Infrastruct Density Resid	Next Project Construction Listing ashore Structures with Potential ture Damage and/or Moderate dential Dwellings (1-10 dwellings 00 feet of shoreline)
	e anno 1966 e de la composition della compositio	vollet e jahrensprenget fri jamanir telepit til det til så de San kunn störret skrift i konsen i narmengig Het til skrift skrift og ett til skrift skrift skrift skrift skrift skrift skrift til skrift skrift i skrift s	mikerner filmstå blir filmfortiser for i "Mikel" i Printinson orderne overskelste beverdigtståde (2005) Virkepper ja Premilister och "Mikel" i Merkarne om av han stållater forer ställpæsent filmforer	della halden vermingen sig elementage der er stogstellen die determinente gelage. In dels der mittig mitte belagt dels dels dels dels dels dels dels dels	essentation talika halikka halikka halikka manakanan emmanasi sassa saksi talikka saksi kanakan kalikus ka sak Manakanan manakan manakan ka manakan ka saksi k Manakanan manakan manakan manakan ka saksi ka s	mentementen from den tamingen och och samtelleten und balanseden blådning som som engennem eige still geden et Helle fra til dilleren in helle besegt og bitteren i Stiffende engerlinne som den fra fillen ett i linge att i Stiffen er och ett i stille ett och en som till stille ett och ett i stille ett och en som tillere som en stille som en som tillere som en
tructure Ima			Structure Docur			
35-007-000-052			MA DPW	OCT 1931	PROPOSED	035-007-000-052-100-DCR1A
5-007-000-052	2-100-PHO		MA DPW	JAN 34	PROPOSED SHORE	
					1	
		וַן	MA DPW	OCT 1931	PROPOSED	035-007-000-052-100-TWN1A
		<u>-</u>	MA DPW MA DPW	JAN 1934	PROPOSED SHORE	
		, [P		1	1	
		, [P	MA DPW	1	PROPOSED SHORE	035-007-000-052-100-TWN1B
		គ [ ក	JNKNOWN	JAN 1934	PROPOSED SHORE CROSS SECTION	035-007-000-052-100-TWN1B 035-007-000-052-100-TWN1C

#### Structure

Town: Hull

Structure Assessment	Form	Structure ID: 035-008-000-017-100
		Key: community-map-block-parcel-structure
Property Owner:	Location:	Date:
Local	Nantasket Ave	0/2/2006

Local	Nantasket Ave.	8/2/2006	
Presumed Structure Owner:	Based On Comment:		
Local	Property Ownership		
Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:	
Hull	0	\$45,236.00	
Length: Top Elevation: FIRM Map Zone:	FIRM Map Elevation:		
298 14 V4	20	The same of the sa	
Feet Feet NAVD 88	Feet NGVD		
Primary Type: Primary Material:  Bulkhead/ Seawall Concrete	Primary Height: 5 to 10 Feet		
Secondary Type: Secondary Material:  Revetment	Secondary Height: 5 to 10 Feet		

Structure Summary:

24 inch wide concrete seawall with revetment up to top of seawall. Wall is approximatelly 2 feet shorter than 035-009-000-033-200. Average stone size is 1000 to 2000 lbs. 45 degree slope.

В Condition Priority Ш Good Rating Rating Moderate Priority Minor Level of Action Consider for Active Project Improvement Action

Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken

to prevent / limit future deterioration and extend

life of structure.

Listing Inshore Structures with potential for Description Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:	Structure Documents:			
035-008-000-017-100-PHO1A.jpg	TOWN OF HULL	AUG 31 197	NANTASKET AVE	035-008-000-017-100-TWN1A
	UNKNOWN	APR 12 199	EXISTING	035-008-000-017-100-TWN1B
	UNKNOWN	APR 12 199	SECTION A-A	035-008-000-017-100-TWN1C

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-008-000-018-100

Property Owner:		Location:		Date:	
rivate		Nantasket Av	e.		8/3/2006
resumed Structure	e Owner:	Based On Cor	mment:		
Inknown	annual facility of his plant of Manager of Millian		Andrew and the second second second	THE RESIDENCE OF THE CASE OF T	26, 125 CC - 27 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
Owner Name:		Earliest Struc	<del></del>	Estimated Reconstruction	
					\$100,320.00
ength: Top E	levation: FIRM Map Zor	ne: FIRM Map Eleva	ion:		
400		А3	10		
Feet Feet N	IAVD 88	Feet NG	VD	HA HE	
rimary Type:	Primary Material:	Primary Height:		TO STATE OF THE PARTY OF THE PA	
ulkhead/ Seawall	The state of the s	10 to 15 Feet	4	2.00	
econdary Type:	Secondary Material:	Secondary Heigh	it:		
Revetment	Stone				
tructure Summan	<i>i</i> •				100
Rating Level of Action Description	Good Minor Structure observed to exhibit problems, superficial in nature to landform is present. Structure adequate to provide protectio coastal storm with no damage to prevent / limit future deterious of structure.	e. Minor erosion ture / landform n from a major e. Actions taken	Rating Action Description	High Priority  Consider for Next Project Construct  High Value Inshore Structures with for Infrastructure Damage and/or Me Density Residential Dwellings (1-10 impacted / 100 feet of s horeline)	Potential oderate
tructure Imag	es:	Structure Docume	rious discussion solves disconsidered recovering a restrict or serving sources are considered as a restrict or serving sources		
35-008-000-018-1	100-PHO1A.jpg				

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-008-000-021-100

	5 lin-Samblaudia duc 3° m, Grugor Si madadanya babu, mbi api hai milita diminini mbi api kangang kangang kanga Kangang kangang kangan	Location:	k del det freske familietstyte in bespielse omfore omfolklik med fra met en inte	agini indiandidikklike tedestakk dik later int jijir derekten in dik	Date:	
Local		Nantasket /	Ave.	Example 1		8/3/2006
Presumed Structure	Owner:	Based On C	Comment:		,	
Local	Office.	and the same of th	ract Drawings			The second section of the second
		3			E Cook d Book deside	(D
Owner Name: Huli		Earliest Stn	ucture Record: 195	au'	Estimated Reconstruction	\$56,530.00
i juli	en grant all an annual ann an annual album annual an ann	formáciman volvo de 20 MCEMBROCE o 17 de formáció (MA) voltó de Sencial pontación metrodos de		O podažilašija dažini netini netini netini sa transiti kalika izalini dažina dažina dažina dažina dažina dažina	and hand to the Control of the Contr	and the control of th
Length: Top Ele	evation: FIRM Map	Zone: FIRM Map Elev				
133		А3	10		A ANDRES OF THE PARTY	
Feet Feet N	AVD 88	Feet N	NGVD	No.		
Primary Type:	Primary Material:	Primary Heigh	t:		THE RESIDENCE OF	
Bulkhead/ Seawall	Stone	Under 5 Feet				
Secondary Type:	Secondary Material	: Secondary Hei	ght:	# 200		2
				4		
Structure Summary Road inshore. Stor of wall.	: ne masonry seawall. Voids a	along wall base (about 2	feet wide and	20 feet high inshore	e of mean high water). F	ill loss inshore
Condition	C		Priority	III	a Delavita	
Rating	Fair Moderate		Rating Action	Moderate Consider	e Priority r for Active Project Improv	rement
Level of Action  Description	Structure is sound but ma	v exhibit minor	Action	Listing		
Description	deterioration, section loss undermining, and/or scou to withstand major coasta moderate damage. Action structure to provide full pr coastal storm and for exte structure. Moderate wind landform exists. Landform to fully protect shoreline of storm. Actions taken to primaterial for full protection	r. Structure adequate I storm with little to as taken to reinforce otection from major ending life of or wave damage to may not be sufficient uring a major coastal ovide addition	Descript	Infrastru Resident	Structures with potential focture Damage and/or Limitial Dwellings (<1 dwelling of shoreline)	ited
		gaaringaansi saalah sadistaf ya Madi a adi Madi ay wha wilka - ya Middi Middi a Talida Madi Adida wa wa a da a Madi Adia wa Madi ay wa Madi ay Madi ay Madi a Madi Adia Adia Adia Adia ay Madi a Madi	nents:		and his or middless of singuing constraints with which is blacked or destinated and or some proper and singuing	Andrews and Angeles and Angele

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-008-000-022-100

Property Owner:	mbhadan an marail gagaim 1944 Mirich Meirithean air air airthafad a' Aireathan Milliann an daigachta an dheanthraidh an dheant	Location	n :	uslanen Fir 447sin ordinalairinkitenen kurrepelaretkerket taalaapettidussidustarikaila 7.5 d.d.	Date:
Local		Nantaske	t Ave.	8/3/200	
Presumed Structure	e Owner:	, Based On	Comment:		,
Local		The same of the sa	ntract Drawings	be 1 2000 1000	
Owner Name:		1			February Bosses and Joseph Control
Hull	7	Earliest St	tructure Record: 1955		Estimated Reconstruction/Repair Cost: \$69,828.00
	and the second s	de for meen het som minde terhelde terhelde kaar het omee meele melde helde kontrekte bestekt op some Kaar met het met mende bestektet bestekt kaar kaar beske helde kattel kontrekte het beske kaar kaar kaar kaar	gelf-actioners standat fluide fin of distributes in early distributes to 4.5 considerabilitation in a cell fluid Providition-framework (150 fluidation and Color Laborationals) in considerabilitation in a considerabilitation	iki 2015 tild Satta omis 1814 5. saas kalendistikast tijas prokopsjulgage prokossassa. Saas 1816 tild Jan omis 1214 5. saas 1814 1815 1818 1814 1815 1815 1815 1815	Manufacture (Manufacture (Manuf
	levation: FIRM Map Z				
92		A3	10	THE REAL PROPERTY.	
Feet Feet N	IAVD 88	Feet	NGVD		
Primary Type:	Primary Material:	Primary Heig	ht:		THE PARTY AND TH
Bulkhead/ Seawall	Stone	5 to 10 Feet		<b>电影</b>	
Secondary Type:	Secondary Material:	Secondary H	eight:	74	
Bulkhead/ Seawall	Concrete				
Structure Summary	/:			1000-100	
Condition Rating Level of Action Description			Priority Rating Action Description	on High Valu for Infrast Density R	rity for Next Project Construction Listing the Inshore Structures with Potential tructure Damage and/or Moderate Residential Dwellings (1-10 dwellings / 100 feet of s horeline)
<b>Structure</b> Image 035-008-000-022-1		Structure Docu	ments:	PROPOSED	035-008-000-022-100-DCR1A
035-008-000-022-1	00-PHO1B.jpg	MA DPW	JUN 1955	PROPOSED	035-008-000-022-100-TWN1B
035-008-000-022-1	00-PHO1C.jpg				

### **Structure Assessment Form**

Town: Hull

Structure ID: 035-009-000-033-100

Property Owner: Private		Locatio	Location: Point Allerton Seawall			Date:	
		Point Alle				8/2/2006	
Presumed Structur	re Owner:	Based Or	Comment:				
Local		DCR - Co	ontract Drawings		A S S S S S S S S S S S S S S S S S S S		
Owner Name:		Farliest S	tructure Record:	Fsti	mated Reconstruction	on/Renair Cost	
Hull			1931	<u> </u>	The second second second	\$293,126.00	
Length: Top E	Elevation: FIRM Ma	p Zone: FIRM Map E	levation:	Colore i Novi Mod 1944 e 1944 e 1945 de militario de 1945 de 1945 e 1 Metallicas, cala carrenta de 1946 de 1956 e 1956 e 1946 e 194	Side was friend the cold the edition of the district of the district of the cold the	Annual Adoption and the second of the second	
1931	16.5	V4	20	fisher.			
Feet Feet N	NAVD 88	Fee	t NGVD				
Primary Type:	Primary Material:	Primary Heig	ght:	44			
Bulkhead/ Seawall		5 to 10 Feet	100 miles				
Secondary Type:	Secondary Materi	al: Secondary H	leight:				
Revetment		5 to 10 Feel					
Structure Summar	v :						
Condition Rating Level of Action Description	B Good Minor Structure observed to exproblems, superficial in r to landform is present. adequate to provide prot coastal storm with no da to prevent / limit future d life of structure.	nature. Minor erosion Structure / landform ection from a major mage. Actions taken	Priority Rating Action Descripti	on High Value Ins for Infrastructu Density Reside	ext Project Constructions  hore Structures with re Damage and/or National Dwellings (1-1) feet of shoreline)	n Potential Moderate	
Structure Imag		Structure Docu	ments:				
035-009-000-033-	100-PHO1A.jpg	MA DPW	OCT 1931	PROPOSED	035-009-000-033-	100-DCR1A	
35-009-000-033-2	200-PHO2A.jpg	MA DPW	MARCH 196	PROPOSED SHORE	035-009-000-033-	100DCR1B	
		MA DPW	APRIL 1957	PROPOSED SHORE	035-009-000-033-	100-DCR1C	
		MA DPW	OCT 1931	PROPOSED	035-009-000-033-	100-TWN1A	
			•				
		UNKNOWN	APR 12 199	SECTION A-A	035-009-000-033-	100-TWN1B	

### **Structure Assessment Form**

Town: |Hull |
Structure ID: |035-009-000-033-200|

Property Owner: Local		Locatio	n:	tti kathadan Filimilik eshik yarufuk Silah derah kadalajih kilaburu dhuan kusak dunung Profesiya pedipelah	Date:	
		Point Alle	Point Allerton Seawall		8/2/2006	
Presumed Structur	re Owner:	Based Or	Comment:		1	
Local			Ownership	The state of the s	The second secon	
Owner Name:						
Owner Name:		Earliest S	tructure Record:		Estimated Reconstruction/Repair Cost:	
	Programme spiriture in the control of the control o		enticentum mentrum participation participation of the control of t	nai Ya-Waki - Waki waninasa aliangian ilanga 1000 dalah ki dan hasa pinga dalahan da jumuwa nga jumuwa nga jumuwa	\$1,045,902.00	
	Elevation: FIRM Map	Zone: FIRM Map E	levation:	ANTERIOR STATE AND	The second secon	
1378	16					
Feet Feet N	NAVD 88	Feet	NGVD			
Primary Type:	Primary Material:	Primary Heig	jht:	THE RESERVE TO SERVE		
Bulkhead/ Seawall	Concrete	5 to 10 Feet	,			
Secondary Type:	Secondary Material:	Secondary H	eight:			
Structure Summary	у:					
Condition C Rating Fair  Level of Action Moderate  Description Structure is sound but may exhibit deterioration, section loss, crackin undermining, and/or scour. Structure to withstand major coastal storm with moderate damage. Actions taken structure to provide full protection coastal storm and for extending lift structure. Moderate wind or wave landform exists. Landform may not to fully protect shoreline during a result of the structure of the		cracking, spalling, Structure adequate storm with little to taken to reinforce section from major ding life of r wave damage to may not be sufficient	Priority Rating Action Descriptio	high Value I for Infrastruc Density Res	Next Project Construction Listing nshore Structures with Potential cture Damage and/or Moderate idential Dwellings (1-10 dwellings 00 feet of shoreline)	
tructure Image		Structure Docur MA DPW MA DPW	OCT 1931 APR 1957	PROPOSED PROPOSED SHORE	,	
		MA DPW	MAR 1960	PROPOSED SHORE	035-009-000-033-200-TWN2C	
		TOWN OF HULL	AUG 31 197	NANTASKET AVE	035-009-000-033-200-TWN2D	
		TOWN OF HULL	APR 12 199	SECTION A-A	035-009-000-033-200-TWN2E	

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-009-000-044-100

				Key: community-map-block-parcel-structur
Property Owner:	terek utak-bik alamingili ngosidi teletikan bik min-ayak kelangi mbir telepan geri penggi, 7-46 A roman delaksisi kanggap	Location:	igendel mell Gredell, "Amer meden" at de tres sied deskij. In lies tre droet medel verslette eeltheelt bekel s	Date:
Local		Mariners Pa	rk	8/3/2006
Presumed Structur	e Owner:	Based On C	omment:	- 1
Local		Property Ov	vnership	
Owner Name:		Farliect Stru	cture Record:	Estimated Research stics (Research
Hull	. /	Lamest stru	0	Estimated Reconstruction/Repair Cost: \$547,008.00
Feet Feet Merimary Type: Revetment Secondary Type:		Feet N Primary Height: 10 to 15 Feet Secondary Heig	10 GVD ht:	100 to 2000 lbs. Many stones are loose or dislodged.
Condition Rating Level of Action Description	C Fair Moderate Structure is sound but may deterioration, section loss, undermining, and/or scour to withstand major coastal moderate damage. Actions structure to provide full procoastal storm and for exter structure. Moderate wind clandform exists. Landform to fully protect shoreline dustorm. Actions taken to promaterial for full protection a	cracking, spalling, Structure adequate storm with little to taken to reinforce tection from major ading life of or wave damage to may not be sufficient ring a major coastal vide addition	Priority Rating Action Description	III  Moderate Priority  Consider for Active Project Improvement Listing Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings ( <1 dwelling impacted / 100 feet of shoreline)
tructure Image 35-009-000-044-1		Structure Docume	ents: DCT 28 196 PLAN	N TO 035-009-000-044-100-LIC1A.pdf

#### Structure Assessment Form

Town: |Hull Structure ID: 035-009-000-044-200

Key: community-map-block-parcel-structure Property Owner: Location: Date: Local Fitzpatrick Hwy 8/3/2006 Presumed Structure Owner: Based On Comment: Local DEP – Ch 91 License Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost: Hull 1964 \$56,280.00 Length: Top Elevation: FIRM Map Elevation: FIRM Map Zone: 228 9.7 А3 Feet Feet NAVD 88 Feet NGVD Primary Type: Primary Material: Primary Height: Revetment Stone Over 15 Feet Secondary Type: Secondary Material: Secondary Height: Structure Summary: Stone block seawall outshore of concrete abutments for road bridge over channel from salt water pond to harbor. Bridge spans approximately 20 feet and built in 2003. Loss of fill material at wall ends near pond because no return on wall. Condition В IV **Priority** Good Rating Rating **High Priority** Level of Action Minor Consider for Next Project Construction Listing Action Structure observed to exhibit very minor Description High Value Inshore Structures with Potential Description problems, superficial in nature. Minor erosion for Infrastructure Damage and/or Moderate to landform is present. Structure / landform Density Residential Dwellings (1-10 dwellings adequate to provide protection from a major impacted / 100 feet of shoreline) coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure. Structure Images: Structure Documents: 035-009-000-044-100-PHO2A.jpg

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-009-000-044A-100

Property Owner:			Location:	a or was two timbers was a first of the field of the field of the field and the contribution of the first of the field of	Date:	and the state of t
Private	Mariners Park			da 2/2	8/3/2006	
Presumed Structu	re Owner:		Based On Con	nment:	,	
Unknown		The state of the s	Property Own	ership		The state of the s
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstru	ction/Penair Cost:	
				0	Estimated Records to	\$179,731.00
Length: Top	Elevation:	FIRM Map Zone:	FIRM Map Elevati	inderfoldstådet det foldståder ophasiser op til saktibiliste at men på sig og til saktibiliste foldstådet og t noveren saktibiliste sinne sinn sinn statte fremer suddes foldsted mantanne, der et spekre i fion:	HE FAN CONTRACT WITH PAY A MANUFACTURE AND A WORLD'S CONTRACT CONT	
230	9.7	A3		10		
Feet Feet	NAVD 88		Feet NG\	/D	A STATE OF THE PARTY OF THE PAR	
Primary Type:	Prima	ry Material:	Primary Height:		A STATE OF THE PARTY OF THE PAR	4-
Revetment	Stone		10 to 15 Feet			
Secondary Type:	Second	dary Material:	Secondary Height	::		
Structure Summar	ν:					
2000 ibs. storie.	Many Stones 100	ement. Dumped rip i se or dislodged.	rap slope (1 to 2) ir	n fair conditions.	Toe and top not defined well. Stone	size is 100 to
Condition	C			Priority	III	
Rating Lovel of Action	Fair Moderate			Rating	Moderate Priority	
Level of Action		ound but may exhibit	minor	Action	Consider for Active Project Impr Listing	rovement
Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequa to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficie to fully protect shoreline during a major coast storm. Actions taken to provide addition material for full protection and extended life.		g, spalling, ure adequate vith little to to reinforce from major e of damage to t be sufficient najor coastal dition	Description	Inshore Structures with potential Infrastructure Damage and/or Li Residential Dwellings ( <1 dwelli 100 feet of shoreline)	mited	
tructure Imag 35-009-000-044A			cture Documen			

#### **Structure Assessment Form**

Town: |Hull

Structure ID: 035-010-000-003-100

Key: community-map-block-parcel-structure

Property O	Property Owner:		Location:	Date:
State		A STATE OF THE PARTY OF THE PAR	Point Allerton Seawall	8/2/2006
Presumed :	Structure Owner:		Based On Comment:	3
State		27. 5 2 3 22 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DCR - Contract Drawings	
Owner Nan	ne:		Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		/	1926	\$3,837,755.00
Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:	
597	25	V4	20	

Feet Feet NAVD 88 Feet NGVD Primary Type: Primary Material: Primary Height: Bulkhead/ Seawall Stone Over 15 Feet Secondary Type: Secondary Material: Secondary Height: Revetment Stone Over 15 Feet



Structure Summary:

Approximately 30 foot high revetment slope with 10 foot flat top. Stones on top are mortared. Slope varies from 45 degree and steeper. Stone size is 1 to 3 ton. First 100 feet (plus or minus) is stone seawall (vertical) with revetment (10 feet wide) in front. Large voids and arching of stones existed.

Condition Rating Level of Action Description

Poor Major

D

Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating Action

Description

High Priority Consider for Next Project Construction Listing

High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

035-010-000-003-100-PHO1A.jpg 035-010-000-003-100-PHO1B.jpg 035-010-000-003-100-PHO1C.jpg Structure Documents:

Structure Docu	ments.		
MA DPW	DECEMBER	PROPOSED SHORE	035-010-000-003-100-DCR1A
Commission on	SEPT 7, 192	POINT ALLERTON	035-010-000-003-100-DCR1B
MA DEM	FEB 1995	SEAWALL	035-010-000-003-100-DCR1C
MA DEM	AUGUST 19	REVETMENT	035-010-000-003-100-DCR1D
MA DEM	SEPT 1999	SITE	035-010-000-003-100-DCR1E
MA DEM	MARCH 200	REVETMENT	035-010-000-003-100-DCR1F
DED CH M	NOV/06 100	PLAN	035-010-000-003-100-LIC1A.pdf
MA DPW	SEP 7 1926	POINT ALLERTON	035-010-000-003-100-TWN1A
A.C.O.E.	JUN 30 1875	BOSTON HARBOR,	035-010-000-003-100-TWN1B
USACE	JUN 1998	EXISTING	035-010-000-003-100-COE1A.pdf

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-010-000-003-200

THE WAY A SHOULD BE A SHOP THE WAY A POST		Loc	cation:	er annenn er annenn generigte i Prittell Frick volksligte flegeligte for Arbeit selle eine den	Date:
State		Poi	nt Allerton		8/2/200
Presumed Structu	re Owner:	Bas	ed On Comment:		,
State		DC	R - Contract Drawing	S	
wner Name:		Ear	iest Structure Record	l:	Estimated Reconstruction/Repair Cost:
MA-DCR			19	926	\$228,413.00
	Elevation: FIRM Map Z	one: FIRM N	Map Elevation:	holdet unt pour her virkligt frankerte heldet ervelet das fotorers versus var ein für gelocitische des gebonde Berichte frankerte versus versu	Michigan estatograficata de de Medicina de Augustia, esta Maria Andrea, per la principa de maria en estatografia de estatografia de la composição de la composi
560	20	V4	20		
	NAVD 88		Feet NGVD		
rimary Type: ulkhead/ Seawal	Primary Material:  Stone	Company of the compan	/ Height:		
	<b></b>	10 to 1			
econdary Type: evetment	Secondary Material: Stone	Second 10 to 1	ary Height:		
tructure Summar		110 10 1	S I CCL		
ondition ating evel of Action escription	Good Minor Structure observed to exhibit problems, superficial in natural to landform is present. Structura dequate to provide protectic coastal storm with no damage to prevent / limit future determined of structure.	re. Minor erosi cture / landforr on from a majo pe. Actions tak	n r en	Moderate F Consider fo Listing Inshore Str Infrastructu	or Active Project Improvement ructures with potential for ure Damage and/or Limited I Dwellings ( <1 dwelling impacted /
		T - HENRICH MERRY TWO - PROVINCES OF THE STATE OF THE STA	istalakuunskileksid kirisen järistä Lihaidilleensid ovansipile kuj tratillilakuissaksi, jol Tarituskilakuissaksija saasi Lindalii, davalaisinistyksija ja j	establishede e encommunication (Mala) and a menujurical social function projects on the an install later control social are first exemplification and describe security and an install security are considered.	

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-010-000-020-100

Property Owner:	v. market	Location:	AND THE RESERVE TO A STATE OF THE PARTY OF T	Date:	energene all the state of the s
State		Point Allert	on		8/2/200
Presumed Structur	re Owner:	Based On C	Comment:	•	
State		DCR - Cont	ract Drawi <b>ng</b> s		
Owner Name:		Farliest Str	ucture Record:	Entimeted Describer	Ham (Daniel Co. )
MA-DCR	/	Laniest Stre	1999	Estimated Reconstruct	\$0.00
AND MAKE A COMMENT OF THE PROPERTY OF THE PROP	er greger er greger en samme gelook en kombaar zo herekt er skrivet de geloof en gever en forferen ombeste kan Her forske ken en kommen, worden van voorkeer, de onde kelonomeer de er van de de gelook de skrivet de en de de	results länditatata alkislaisen kysyy i kä <u>ä jäätämäö hänö s</u> olassinen joysi persiden joh ja Persiden joh ja Persiden joh ja kan ja	etn sandelt kult 1000 er fill omminne op huloutet til det til Schumane til och fill skyld fill get kult i hal en vik salvet. Av med und til statet i State, mille gudd sede fill skyld var en etn bestem sin ur pro-tippet skyld fill skyld	in timen data halikaderi ausun japutatu ahn haringan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan katalangan kan katalangan kan katalangan kan katalangan kan kan	
ength: Top E	Elevation: FIRM Map Zor	The second secon		000	
	17.8 NAVD 88	V4	20		
		Feet N			
rimary Type: Bulkhead/ Seawal	Primary Material: Concrete	Primary Height Under 5 Feet	:		
	•	,			
econdary Type:	Secondary Material:	Secondary Heigh	ght:		
turisti iro Circono		4		<b>一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>	
tructure Summar	de concrete seawall in excellent	condition Coastal (	rodov) booch ovitebour		
Condition Cating evel of Action	A Excellent None		Priority Rating	IV High Priority	
Sevel of Action  Description	Like new condition. Structure	ovposted to	Action	Consider for Next Project Constru	•
reser ipiton	withstand major coastal storm Stable landform (beach, dune Adequate system exists to pro from major coastal storm.	without damage. or bank).	Description	High Value Inshore Structures wit for Infrastructure Damage and/or Density Residential Dwellings (1- impacted / 100 feet of s horeline)	Moderate
	00-PHO1A.jpg	MA DEM	OCT 1968   PROI	POSED SHORE 035-010-000-020	-100-DCR1B
ructure Image 5-010-000-020-1	00-PHO1A.jpg [	MA DPW MA DEM MA DPW	OCT 1968   PROI JAN. 1999   PROI OCT 1968   PROI		-100-DCR1B -100-TWN1A

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-010-000-020-200

Local	and the second of the second o	Location:			Date:	
		Point Allert	on Seawall		8/2/2006	
Presumed Structure	e Owner:	Based On C	Comment:			
Local	The state of the s	DCR - Cont	tract Drawings			
Owner Name:		Farliect Ctn	ucture Record:	Entire	tod December which (December 6)	
Hull	7	Laniest Str	1999	Estima	ated Reconstruction/Repair Cost: \$0.00	
	i spylled 1900 October 2 general framework of Malin below to season of the season of t	To the desirable of the control of t	50°-lahi "difficiel Arthonologispid konsil "kirisik korsina sinkana sili yazi 1847°55° <u>bibbi sinkalaki kirisi</u> Aliki "aga pilali sinkalaki konsi menye ji sukhan kiris "Silahi kiris-mejaja inya-sinkala membelanda kirisi ya	ASSANTANIAM (2 - AMANJALIS - AT A SANTANIA AND AND AND AND AND AND AND AND AND AN	WARRANCH COMMENCE CONTROL OF A STREET AND A	
ength: Top El	levation: FIRM Map Zon	ne: FIRM Map Elev	vation:		The second secon	
	  AVD 88		167/15			
		Feet N				
rimary Type: Bulkhead/ Seawall	Primary Material:	Primary Height				
	Concrete	10 to 15 Feet				
econdary Type:	Secondary Material:	Secondary Heigh	ght:			
Revetment	Stone	10 to 15 Feet				
tructure Summary					eet high). Coastal rocky beach	
LODO OMENO PE O M	Like new condition. Structure	expected to	Description	High Value Inshor	e Structures with Potential	
vescription	withstand major coastal storm Stable landform (beach, dune Adequate system exists to pro from major coastal storm.	or bank).		for Infrastructure I	Damage and/or Moderate al Dwellings ( 1-10 dwellings	
ructure Image 25-010-000-020-20 5-010-000-020-20	Stable landform (beach, dune Adequate system exists to profrom major coastal storm.	or bank).  ovide protection  Structure Docume  MA DPW	ents: OCT 1968   PRO	for Infrastructure I Density Residenti impacted / 100 fee	Damage and/or Moderate al Dwellings ( 1-10 dwellings	

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-010-000-084-100

	0.00000000000000000000000000000000000	tion to the time the time the time and the section of the section	رة موتوروا والمواركة المعادلة الماركة والمواركة الماركة الماركة الماركة الماركة الماركة الماركة الماركة الماركة	**Standarddirlaidd being add the colour broad - glob and distributes of the consultance o
Property Owner: Local	the second second and second s	Location:		Date:
LUCAI		Nantasket Bea	ach	8/2/2006
Presumed Structur	re Owner:	Based On Con	nment:	
Local		Property Own	ership	
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstruction/Repair Cost:
Hull			0	\$51,836.00
the state of the s	Elevation: FIRM Map Zone:	FIRM Map Elevati	Bibliotog (Statember Deut Z. Edinskille vollen i production file (Coldan between Gregory of the contraction of plant contract Coldan between conjugation of plants is necessarily acceptant on the On:	
330	20 V4		17	
	NAVD 88	Feet NGV	/D	
Primary Type: Revetment	Primary Material:	Primary Height:		
	Stone	10 to 15 Feet		
Secondary Type:	Secondary Material:	Secondary Height	1	
tructure C	1	1		<b>不是一个人的人的人的人</b>
Structure Summan Revetment slope (	y: steeper than 1 to 1 about 3/4 to 1	with 1 to 2 ton ston	nes concreted togo	thor
		7 *************************************	ics condicted toge	culci.
Condition	В		Priority	IV
Rating	Good		Rating	High Priority
Level of Action	Minor		Action	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very problems, superficial in nature. Not landform is present. Structure adequate to provide protection from coastal storm with no damage. As to prevent / limit future deterioration life of structure.	linor erosion e / landform om a major actions taken	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings ( 1-10 dwellings impacted / 100 feet of shoreline)
tructure Image 35-010-000-084-1	00-PHO1A.jpg	ucture Document	The State of the S	
35-010-000-084-1	00-PHO1B.jpg			

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-010-000-084-200

Property Owner:	表面情况,哪分了一场,就不需要的企业的专家选择需要,在全国的政治的国际人工心理要就有可以的现在程序,但不是一个人,不是一个人们的基础的数据的基础的程序,为一个现在人工	Location:	grafik (filosoft september a admid in Jimpila di disekt fazor spingd da da spinesin sa ta	Date:
ocal		Nantasket Be	ach	8/2/
Presumed Structur	e Owner:	Based On Cor	mment:	
ocal	The second secon	Property Own	Control of the Contro	
Duman Nama				
Owner Name: Hull		Earliest Struct	ture Record:	Estimated Reconstruction/Repair C
·	and the second s	rmáduum ferið 4 97-ha stá þerinnigti 5 viðaruskrjalanustajur reknig 5, franskrj		\$96,268
The second second	Elevation: FIRM Map Zone:	FIRM Map Elevat	ion:	
390	V	1	17	
Feet Feet N	NAVD 88	Feet NG	VD	24
Primary Type:	Primary Material:	Primary Height:		ation, and the second
Revetment	Stone	Over 15 Feet		
Secondary Type:	Secondary Material:	Secondary Heigh	t:	A THE STREET
tructure Summary				
continuation of adj	or entire neight of cliff (/5 +/- fee jacent structure.	t) at sl <b>ope a</b> bout 1 to	1. Average stone	e size is 2 ton. Lower portion of revetment is
Condition	В		Priority	IV
Rating	Good		Rating	High Priority
Level of Action	Minor		Action	Consider for Next Project Construction Listing
Description	Structure observed to exhibit ver problems, superficial in nature. It to landform is present. Structure adequate to provide protection frocoastal storm with no damage. It to prevent / limit future deteriorate life of structure.	/linor erosion e / landform om a major Actions taken	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)
	and have dissipation and a special ordinate of the first and addition that we desired a product of the first and addition that the first and addition that the first addition			
		ructure Documen	ts:	
ructure Image 35-010-000-084-2	00-PHO2A.jpg			
	00-PHO2A.jpg			

# **Structure Assessment Form**

Town: |Hull |
Structure ID: |035-011-000-010-100|

and the state of t	T TEANNING SEA FAIRE BERGER AFTER AT PROTECTION OF THE SEA BERGER AFTER AT THE SEA BERGER AT THE SEA B	Millerensistinus on un deligen e <sup>st</sup> tim B. Nation (delego e y Malekkessen model our en est ses timber.		Key: community-map-block-parcel-structur
Property Owner:	CONTRACT OF THE PROPERTY OF TH	Location:		Date:
Local		Fitzpatrick Hw	у	8/18/2000
Presumed Structur	re Owner:	Based On Com	ment:	
Local	Local		ership	
Owner Name:		Earliest Structu	re Record:	Estimated Reconstruction/Repair Cost:
Hull	7		0	\$1,189,352.00
Length: Top E	Elevation: FIRM Map Zone:	FIRM Map Elevation	en den selendar operatum in distribution accus provincia proper den en como de selendar de selendar de selendar Como distributivo de describito de selenda de selendar de sele	
1522				
Feet Feet I	NAVD 88	Feet NGV	D	
Primary Type:	Primary Material:	Primary Height:		
Revetment	Stone	10 to 15 Feet		
Secondary Type:	Secondary Material:	Secondary Height:		
Structure Summar				
beach. Some fill k	oss at top of revetment.	re. 200 to 1000 lbs	stone. Slope nas	s loose and dislodged stones and is not toed into
Condition	C		Priority	<i>IV</i>
Rating	Fair Moderate		Rating	High Priority
Level of Action  Description	Structure is sound but may exhibit	minor	Action	Consider for Next Project Construction Listing
	deterioration, section loss, crackin undermining, and/or scour. Structuto withstand major coastal storm with moderate damage. Actions taken to structure to provide full protection to coastal storm and for extending life structure. Moderate wind or wave landform exists. Landform may not of fully protect shoreline during a mistorm. Actions taken to provide admaterial for full protection and extending the structure.	g, spalling, ure adequate vith little to to reinforce from major e of damage to t be sufficient najor coastal dition	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)
Structure Image 035-011-000-010-1 035-011-000-010-1	00-PHO1A.jpg	cture Document	rempered of an interpretation on against conscious significant and against against against against an against a share an against a	

Town: Hull

Structure A	Assessment Form				ID: 035-012-000-075-100 Inity-map-block-parcel-structure
Property Owner:	and a chandral of 1885 with a common facility (some of the self of 1886) from 1885 and 1885 with 1885 and 1885	Location:	ndi masena il vid sud 45000 dicentene hoppesdid e nasciolare vidda. Viimuska - indigetit petris	1904 d hall de salameta San de San i Altressa man de montre i e e e e e e e e e e e e e e e e e e	Date:
Local		Nantasket Be	each	the state of the s	8/2/2006
Presumed Structur	re Owner:	Based On Co	mment:		M.
Local		Property Ow	nership	A. C. M. C.	A STATE OF THE STA
Owner Name:		Earliest Struc	ture Record:	Estimated	d Reconstruction/Repair Cost:
Hull	/		0		\$332,381.00
Length: Top E	Elevation: FIRM Map Zone:	FIRM Map Eleva	itaire in laterial happin on 1,50° exception observation mentuum uhiteritaan autoli esisteksi dalai un mentuurikkoli tiinus austainaat einemannistäärikkon muittaavansi saantaa, taestatunkoi saa a tiion:	A DM 144 149 som 184 mil 144 m	Officials and official and process of the first of the following constraints of the const
782	V4		17		
Feet Feet M	NAVD 88	Feet NG	:VD	_ \-	Tele
Primary Type:	Primary Material:	Primary Height:		MALE MORE THE	
Bulkhead/ Seawall		Under 5 Feet			
Secondary Type:	Secondary Material:	Secondary Heigh	nt.		
		Secondary Heigh			
Structure Summan				<b>"</b> "	NO PERSONAL PROPERTY OF THE PERSONAL PROPERTY
	12 feet wide) with coastal beach up	to 1 foot below to	p of wall. Top brok	ken in isloated locations.	Cracking of top.
Condition	C		Priority	IV	
Rating	Fair		Rating	High Priority	
Level of Action	Moderate		Action	•	oject Construction Listing
Description	Structure is sound but may exhibit deterioration, section loss, crackin undermining, and/or scour. Structuto withstand major coastal storm with moderate damage. Actions taken structure to provide full protection coastal storm and for extending lift structure. Moderate wind or wave landform exists. Landform may not of fully protect shoreline during a material for full protection and extending lift storm. Actions taken to provide admaterial for full protection and extending the storm.	ng, spalling, ure adequate vith little to to reinforce from major e of damage to t be sufficient najor coastal dition	Description	High Value Inshore S for Infrastructure Dar	Structures with Potential mage and/or Moderate Dwellings (1-10 dwellings

Structure Documents:

Structure Images: 035-012-000-075-100-PHO1A.jpg

# **Structure Assessment Form**

Town: Hull
Structure ID: 035-012-000-108-100

Property Owner:	er hafnið melliliður, henni flakeitir áldere eksamegallur álderi fra í mellindatam en fyr	delegente seglitikati kahilah khai saman adan aran seban kemulahdaka sembangan segan segan segan segan segan s	Location;	det fildelet f.c.f.n.; forsk miljourteelden filstlig frynset diedfrik for filst orsaade Manageren i	er i van die die die seen de verste verste de die die selection die verscher verste ve	Pate:
Private	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AND THE PROPERTY OF THE PARTY O	Fitzpatrick Hw	vy .		8/18/2006
Presumed Structur	e Owner:		Based On Con	nment:		
Unknown		5 A. C.		**************************************	A STATE OF THE STA	and the same of th
Owner Name:			Earliest Struct	ure Record:	Estimated Rec	construction/Repair Cost:
	Section in the section of the sectio	Millioners and Grid (2) (2) "Explore Electron Angel (4) (4) "Statistics control or track		0		\$8,448.00
Length: Top E	ilevation:	FIRM Map Zone:	FIRM Map Elevati	ion: 10	And Andrew Andre	And the first of control contr
Feet Feet	NAVD 88		Feet NG\	/D	7145	
Primary Type: Bulkhead/ Seawall	Concre		Primary Height: Under 5 Feet			14.
Secondary Type:		ıry Material:	Secondary Height			
Structure Summary			II A)		Total Control No.	
30 men wide prece	ist concrete block	s stacked as seawa	iii. Ivo signs or mov	vement. Some fill	loss inshore.	
Condition	В			Priority	III	
Rating	Good			Rating	Moderate Priority	
Level of Action	Minor			Action	Consider for Active Project Listing	ct Improvement
Description	problems, supe to landform is p adequate to pro coastal storm w	ved to exhibit very official in nature. Mir oresent. Structure of the protection from the protection from the protection from the protection from the protection at the protection of the protec	nor erosion / landform m a major ctions taken		Inshore Structures with point in the Infrastructure Damage an Residential Dwellings (<1 100 feet of shoreline)	d/or Limited
Structure Image 035-012-000-108-10 035-012-000-108-10	00-PHO1A.jpg	Struc	cture Document			

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-013-000-046-100

Property Owne	er:		Location:	in di Scott (Polin 1999) kan yang salah isadakan masakan jeong melakah didakat Ling So. So	**************************************	All Manhanders and the second second second second
Local			Fitzpatrick Hv	vy		8/18/2006
Presumed Stru	acture Owner:		Based On Con	nment:	3	
Local		**************************************	Property Own		And the second s	**
Owner Name:			Farliest Struct	ure Record:	Estimated Reconstruc	tion/Bonair Costs
Hull	,	7		0	Estimated Reconstruct	\$28,723.00
	op Elevation:	FIRM Map Zone:	FIRM Map Elevati	ina (AM 1841) inname shillipendi nili nili 5 tini manaka shilidaneedhaka mihadis abadala Bihamah ushtadid timaman sarrabasakka talkaslahada kaneesummisad e barabattaa Ioon:	Chanama Andre (2004 A Prisonni and right of traditional in traditional intelligence in the company of an August Andrew Andrew (and the company of an August Andrew	
340		V4		10		
Feet Fe	eet NAVD 88		Feet NG\	/D	THE NAME OF THE PARTY OF THE PA	
Primary Type:		nary Material:	Primary Height:			
Bulkhead/ Sea	wall Cor	ncrete	Under 5 Feet			
Secondary Typ	oe: Seco	ndary Material:	Secondary Height	- a		
1						
Structure Sumi					ng across road from seawall some det	
Condition Rating Level of Acti	B Good	ing due to corrosion of		Priority Rating	III Moderate Priority	
Description		oserved to exhibit very i	minor	Action	Consider for Active Project Impro Listing	ovement
	problems, s to landform adequate to coastal store	uperficial in nature. Mir is present. Structure / provide protection fron m with no damage. Ac limit future deterioration	nor erosion / landform n a major tions taken	Description	Inshore Structures with potential infrastructure Damage and/or Lin Residential Dwellings ( <1 dwelling 100 feet of shoreline)	nited
	ages: 46-100-PHO1A.jp; 46-100-PHO1B.jp;	g	cture Documen			

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-014-000-048-100

		Location:	and the state of t	Date:
Local		Cadish Ave.		8/18/2006
Presumed Structu	re Owner:	Based On Con	nment:	,
Local	ALL THE RESERVE THE PROPERTY OF THE PROPERTY O	Property Own	ership	
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstruction / Paracia Contr
Hull	. /		0	Estimated Reconstruction/Repair Cost: \$73,036.00
Length: Top	Elevation: FIRM Map Zone:	ETPM Man Elouati	ort formálaknyálástmaggi jesténesztelépipalamelénészérténe tiráperénesányadjen sér sér Min dan frantón hégyülők ülnészér ammandál-andan a meneszerbalatánsszénetészészésetészés	**************************************
110	A3	FIRM Map Elevati	10	
Feet Feet	NAVD 88	Feet NGV	/D	
Primary Type:	Primary Material:	Primary Height:		
Revetment	Stone	Under 5 Feet		
Secondary Type:	Secondary Material:	Secondary Height	4	是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
Structure Summar				
- amped tip tap (	overed with asphalt covering. Erodi	ng siope with road d	irectly benind it.	
Condition	D		n	
Rating	Poor		Priority Rating	III Moderate Priority
Level of Action	Major		Action	Consider for Active Project Improvement
Description	Structure exhibits advanced level	s of		Listing
	~		Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings ( <1 dwelling impacted / 100 feet of shoreline)
	the set of the period of the set of the period of the period of the set of the period		or finds hand of sinnelligropmant artises thinkness palligent fol dark mission moderns over any or hand litter on her you to be proposed book on the handwesse shows only some A. Essel 20 billion	er to Designation de Confession de Confessio

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-014-000-048-200

Cadish Ave.  Cadish Ave.  Cadish Ave.  Resumed Structure Owner:  Based On Comment:  Property Ownership  Downer Name:  Earliest Structure Record:  Estimated Reconstruction/Repair Cost:  ### ### ### ### ### ### ### ### ### #	19 JAPANSKI manimina je i internacija po je inte				Key: community-r	map-block-parcel-structure
Presumed Structure Owner:  Based On Comment:  Property Ownership  Denier Name:  Earliest Structure Record:  Based On Comment:  Property Ownership  Carliest Structure Record:  Estimated Reconstruction/Repair Cost:  \$0.00  Regith:  Top Elevation:  FIRM Map Zone:  FIRM Map Elevation:  Primary Height:  Feet NGVD  Primary Type:  Feet NGVD  Primary Height:  Recondary Type:  Secondary Material:  Secondary Height:  Primary Height:  Secondary Type:  Secondary Material:  Secondary Height:  Primary Height:  Rating  Excellent  None  Action  Listing  Excellent  None  Action  Actio	Property Owner:	the state of the s	Location:	n vir villelek und vastanden det antalasten eine kallet ette kitte kombinen vur vir en en en eine bei	uddininintalist resider at helasod 's net 45 984 Addininkelsel mir sauren heret Europ mindelseptele hit. He mes sammel	Date:
Downer Name:    Earliest Structure Record:   Estimated Reconstruction/Repair Cost:   Hull	Local		Cadish Ave.			8/18/2006
Description  Estimated Reconstruction/Repair Cost:  \$	Presumed Structur	re Owner:	Based On Co	omment:		
ructure Images:    Structure Images:   Structure Documents:	Local		Property Ov	vnership		
ength: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  225	Owner Name:		Earliest Stru	cture Record:	Estimated Rec	onstruction/Penair Coct
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height: Under 5 Feet Secondary Type: Secondary Material: Secondary Height: Under 5 Feet Secondary Type: Secondary Material: Secondary Height: Secondary Height: Secondary Type: Secondary Material: Secondary Height:	Hull	7			Estimated Rec	\$0.00
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height: Under 5 Feet Secondary Type: Secondary Material: Secondary Height: Under 5 Feet Secondary Type: Secondary Material: Secondary Height: Secondary Height: Secondary Type: Secondary Material: Secondary Height:	Lenath: Top F	Elevation: FIDM Man Zone	**Controlled August 4525222222 and a partie of the first of the controlled august 4525222222 and a partie of the controlled august 4525222222 and a partie of the controlled august 45252222222222222222222222222222222222	nderführtet füllt film ett delt film film film film film film film film	**Charles de la company de la	ned and the second seco
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height: Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  Primary Height: Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  Priority Rating Excellent Rating Action  Pescription Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank), Adequate system exists to provide protection from major coastal storm.  Priority Rating Moderate Priority  Like new condition. Structure expected to withstand major coastal storm without damage. Description Instructures with potential for Informacture Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)  Priority III Rating Moderate Priority Listing Inshore Structures with potential for Informacture Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	The second second	the second secon		*		
Primary Type: Primary Material: Primary Height: Under 5 Feet Secondary Type: Secondary Material: Secondary Height: Price Secondary Material: Secondary Height: Secondary Type: Secondary Material: Secondary Height: Price Sec	Feet Feet I				The second	
Revetment   Stone   Junder 5 Feet   Secondary Type:   Secondary Material:   Secondary Height:   Secondary Type:   Secondary Material:   Secondary Height:   Secondary Type:   Secondary Material:   Secondary Height:   Structure Summary :    Priority   III     Rating   Excellent   Rating   Moderate Priority     Consider for Active Project Improvement     Listing   Listing   Listing   Description     Stable landform (beach, dune or bank),     Adequate system exists to provide protection   Adequate system exists to provide protection     from major coastal storm.     Tructure Images:   Structure Documents:	Primary Type:	Primary Material				No.
Secondary Type: Secondary Material: Secondary Height:  Secondary Type: Secondary Height:  Secondary Type: Secondary Material: Secondary Height:  Secondary Type: Secondary Height:  Secondary Type: Secondary Height:  Secondary Type: Secondary Height:  Secondary He	Revetment				The second state	
Condition Rating Excellent None Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Rating Excellent Rating Action Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Rating Moderate Priority Listing Consider for Active Project Improvement Listing Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	Secondary Type:	Secondary Material:	*	ht:		
Condition A Priority III  Rating Excellent Rating Moderate Priority Listing Moderate Project Improvement Listing  Level of Action Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description Description Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description Structure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)			July Heig			
Condition A Priority III  Rating Excellent Rating Moderate Priority Listing Moderate Project Improvement Listing  Level of Action Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description Description Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description Structure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	Structure Summan	v :	•			
Excellent  Rating  Excellent  None  Description  Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description  Excellent  Rating  Moderate Priority  Consider for Active Project Improvement Listing  Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	Placed rip rap slop	e (at 45 degrees) with road direc	tly inshore. Toed in	to beach.		
Excellent  Rating  Excellent  None  Description  Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Description  Excellent  Rating  Moderate Priority  Consider for Active Project Improvement Listing  Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)						
Excellent  None  Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Extructure Images:  Excellent  Rating  Rating  Action  Consider for Active Project Improvement Listing  Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	Condition			Prioritv	III	
Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Listing  Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)  Tructure Images:  Structure Documents:	Rating			•		
withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.    Adequate system of the protection from major coastal storm				Action	Consider for Active Project	et Improvement
Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.  Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)  Tructure Images:  Structure Documents:	Description	withstand major coastal storm v	vithout damage.	Description		ntential for
from major coastal storm.  100 feet of shoreline)  tructure Images:  Structure Documents:		Stable landform (beach, dune o	r bank).	2 oso, ipiton	Infrastructure Damage an	d/or Limited
		from major coastal storm.	ide protection		100 feet of shoreline)	dwelling Impacted /
		entroduction (1) / 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Normal Editionment of all define in the collines is and more delitionary and account of the collines in the co	mynenis may el stiluel till "innengeleks skilestekken leggel-crikkkittileitikkennengen ye	Addi Bolah Stillarensi regoli di gibbenkanninga paga Stillak shahilike negera nyening talay ujob uru a cambon sepanjak saksak shikak s	
				ersen et som et en	rhendunen hildliche vil Stammen des soche misse für hennemmen, på n. som hen hindelune e uth und sedatelheit anvell kastill kunnega y	Proper concluded attraction arounded some quite to a broader, on \$1,400 a \$100 (Action \$2,50).
ээ014000048-200-РНО2А.jpg			ructure Docume	nts:		
	35-014-000-048-2	00-PHO2A.jpg				
			•			

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-014-000-080-100

Property Owner:	interdirectability from the management of the design of the control of the contro	Location:	Phinombinelanda nader udadi udadi philateana Philateana Sala adi nadiadi Nasia	erretrature ordintationement over an et atraditional proposition in the traditional proposition of the contract time and time a	te:
Local		Cadish Ave.			8/18/2006
Presumed Structur	re Owner:	Based On Con	nment:		
Local		Property Own	ership	The second secon	The second secon
Owner Name:		Earliest Struct	ure Record:	Estimated Poss	nstruction/Repair Cost:
Hull	· · · · · · · · · · · · · · · · · · ·	Lamest Struct	0	Esumated Recor	\$72,105.00
Length: Top E	Elevation: FIRM Map Zone:	antierimmen fin der höck in vinnegerächte der Gelänken algestätet. Fin m. 1900 filosoprinssischen die kant der Behalt der mit des einen Geltmannessen kantilistet andeter zu anneuen aussteren des einbesonde filosoprins der	usid Prilantial Brassachus, aire Grife (* reticula phosicia centre 144, 1440), à le se se Brassach Latterment de liber view Lord (* Platerrich a selement eur 2 a des Cattaliel d'entre seur	ener in der Gere Gegen der	en frankriste frådstigt i samtider skridelig er ger er samtider skride skride er en en standare skride skri
95 Top E	levation: FIRM Map Zone:	FIRM Map Elevati	on: 10		
Feet Feet N	NAVD 88	Feet NG\			
Primary Type:	Primary Material:	Primary Height:			ASS
Bulkhead/ Seawall		5 to 10 Feet			
Secondary Type:	Secondary Material:	Secondary Height	:		STATE
Structure Summary				CHARLES AND SANS	AND DEED VON
Concrete seawall o	ast-in-place on top of cast-in-place	slab. Large vertical	and horizontal cra	acks.	
Condition	С		Priority	IV	
Rating	Fair		Rating	High Priority	
Level of Action  Description	Moderate Structure is sound but may exhibit	mines	Action	Consider for Next Project C High Value Inshore Structur	
	deterioration, section loss, crackin undermining, and/or scour. Structuto withstand major coastal storm with moderate damage. Actions taken a structure to provide full protection coastal storm and for extending life structure. Moderate wind or wave landform exists. Landform may not of fully protect shoreline during a nistorm. Actions taken to provide admaterial for full protection and extending the structure.	g, spalling, ure adequate vith little to to reinforce from major e of damage to t be sufficient najor coastal dition	Description	for Infrastructure Damage a Density Residential Dwellin impacted / 100 feet of s hore	ind/or Moderate gs ( 1-10 dwellings
tructure Image 35-014-000-080-1		cture Documen	to i i intermediamente representante deletivo esta deletivo esta deletivo esta deletivo esta deletivo esta deletivo.		The control of the co

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-014-000-084-100

Property Owner:		Location:	Date:	Date:			
Local Presumed Structure Owner:		Cadish Ave.		8/18/2006			
		Based On Comment:					
Local		USACE - Pern	USACE - Permits				
Owner Name:		Earliest Structure Record: Estimated Reconstruction/Repair Cost:					
Hull			1966	Estimated Records de	\$0.00		
363	FIRM Map Zone:  ASSISTANCE Primary Material:  Stone	-	10		And the second of the second o		
Secondary Type:	Secondary Material:	Secondary Height	:				
Structure Summary New construction.	1 to 2 ton stone on placed rip rap	slope at 2 to 1. Gra	nite curb concrete	ed at top of wall.			
Condition Rating Level of Action Description	A Excellent None Like new condition. Structure experiments of the structur	ith <b>out da</b> mage. bank).	Priority Rating Action Description	IV High Priority Consider for Next Project Constru High Value Inshore Structures wit for Infrastructure Damage and/or Density Residential Dwellings (1- impacted / 100 feet of s horeline)	th Potential Moderate		
tructure Image		ructure Document		TAL IMAGE  035-014-000-084	-100-PHO1A.jpb		

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-014-000-109-100

Property Owner:	diki silang oleh pelakhangan pangan pilang laga dan berti spelakhangan an angkala in North Pelakhangan angkan pilang Kandin Silandah cisana	Location:	esiakki kepitalahadi. Sebanan malan kerasan kepitan Jangawa-ngangki ng	Date:	
Local Presumed Structure Owner: Local Owner Name: Hull		Cadish Ave.  Based On Comment:		8/18/2006	
				1	
		Property Own			
		Earliest Struct	ure Record:	Estimated Reconstruction/Repair Cost: \$25,212.00	
		Lumest Struct	0		
	levation: FIRM Map Zone:	FIRM Map Elevati	** Transa Jarga-Anleighe (ppin-Anleigh ) Colon-Life ( An Agricolom) Transa Allein ( Anleighe Anleig	The Control of Control	
382	A3		10		
Feet Feet N	AVD 88	Feet NGV	/D		
Primary Type:	Primary Material:	Primary Height:		THE RESERVE TO SERVE THE PARTY OF THE PARTY	
Revetment	Stone	Under 5 Feet			
Secondary Type:	Secondary Material:	Secondary Height			
J				<b>是一个人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的人的</b>	
Structure Summary		V	na stini i control Pierro de l'occident		
Placed rip rap 1 to	2 ton stone 45 degree slope concre	eted in place. Void a	at start of structure	e. Toed into slope of beach.	
Condition	В		Priority	IV	
Rating	Good		Rating	High Priority	
Level of Action	Minor		Action	Consider for Next Project Construction Listing	
Description  Structure observed to exhibit very problems, superficial in nature. It to landform is present. Structure adequate to provide protection fit coastal storm with no damage. It to prevent / limit future deterioral life of structure.		linor erosion e / landform om a major Actions taken		High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)	
		errora, ere geldeliellek overfregegegegegeldek fisket iv, omverlig-uger fijnstekkel ditt sien var	550-4988kindole summings trouble skizzammyng skipri skiekkinde en milledammentur, v gef saaksis och visit kuizammyng skipri skiekkinde en i milledammentur, v gef saaksis och visit kuizamin en saaksis saaksis och s		
Structure Images: Struc		ıcture Documeni	ts:		
035-014-000-109-10					
035-014-000-109-10	00-PHO1B.jpg				
035-014-000-109-10	00-PHO1C.jpg				

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-016-000-010-100

				Key: community-map-block-parcel-structur	
Property Owner: Local Presumed Structure Owner: Local Owner Name:		Location:		Date:	
		Sunset Ave.		8/18/2000	
		Based On Comment: Property Ownership Earliest Structure Record:			
				Estimated Reconstruction/Repair Cost:	
Length: Top E	levation: FIRM Map Zone:	FIRM Map Elevati	alteralisent zarprisellation, film is response lado substitution una en response immonente responsabilità del sière in la monema de such institution una la responsabilità del sière in la monema de such institution una la responsabilità del sière in la monema de such institution una la responsabilità del sière in la monema de such institution una la responsabilità del sière in la monema de such institution una la responsabilità del sière in la monema de such institution una servicio del sière in la responsabilità del sière		
	NAVD 88	Feet NGVD Primary Height:			
Primary Type:	Primary Material:				
Bulkhead/ Seawall	Stone	5 to 10 Feet			
Secondary Type:	Secondary Material:	Secondary Height			
Revetment	Stone				
Structure Summary					
Revetment toed in	II (mortared) with dumped rip rap o well. Road directly inshore of wall.	utshore (1 to 3) <b>m</b> o	ound. 1000 to 200	00 lb. stones. Loss of mortar for wall height.	
Condition	В		Priority	IV	
Rating	Good		Rating	High Priority	
Level of Action	Minor		Action	Consider for Next Project Construction Listing	
Description  Structure observed to exhibit very problems, superficial in nature. Min to landform is present. Structure adequate to provide protection from coastal storm with no damage. Act to prevent / limit future deterioration life of structure.		nor erosion / landform m a major ctions taken		High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings ( 1-10 dwellings impacted / 100 feet of shoreline)	
Structure Image		cture Document	ts:	State I share a significant and department of the state o	
35-016-000-010-10 35-016-000-010-10					
35-016-000-010-10 35-016-000-010-10	•				
35-016-000-010-10					

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-018-000-069-100

Property Owner:	Addisonomy under 1987 Ausglüngt, und die flack abhalt in der Fall abhalt der just 1988 – Ned Alle entwickliche der Andrew Gemeinster und Fall and Andrew Ge	Location:	ing), nay i kalifida dalah sahingga daga mengalikadan kana sampan iyaligi 4,5	nedelakaka - juuri serini diruskuskuskuskuskuskuskuskuskuskuskuska salandaraka salandaraka kalandaraka eri eri Da	te:
Local	M. A. S. M.	Newport Rd.			8/18/2006
Presumed Structur	re Owner:	Based On Comment:			
Local		Property Owne	rship	The state of the s	
Owner Name:		Earliest Structu	re Record:	Estimated Recor	nstruction/Repair Cost:
Hull	/		0		\$37,588.00
113	Primary Material:	FIRM Map Elevatio  1  Feet NGVI  Primary Height:	1		
Secondary Type:  Structure Summary		Under 5 Feet Secondary Height:			
Concrete boat ram	p in fair condition. Partially buried I	by sand/pebbles.			
Condition Rating Level of Action Description	Fair Moderate Structure is sound but may exhibit deterioration, section loss, crackin undermining, and/or scour. Structuto withstand major coastal storm with moderate damage. Actions taken structure to provide full protection coastal storm and for extending lift structure. Moderate wind or wave landform exists. Landform may not of fully protect shoreline during an storm. Actions taken to provide admaterial for full protection and extending the structure of the structure of the structure of the structure.	t minor  Ig, spalling,  Ire adequate  Vith little to  Ito reinforce  If of  If amage to  If amage to  If an ajor coastal  If dition	Priority Rating Action Description	I None Long Term Planning Consid No Inshore Structures or Re Units Present	
Structure Image 035-018-000-069-10 035-018-000-069-10	00-PHO1A.jpg	icture Documents	s:		
		,			

#### Structure Assessment Form

Town: Hull
Structure ID: 035-018-000-144-100

Key: community-map-block-parcel-structure Property Owner: Location: Date: Private Newport Rd. 8/18/2006 Presumed Structure Owner: Based On Comment: Local Property Ownership Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost: Hull \$55,539.00 Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 225 **A3** Feet Feet NAVD 88 Feet NGVD Primary Type: Primary Material: Primary Height: Revetment Stone Over 15 Feet Secondary Type: Secondary Material: Secondary Height: Structure Summary: Placed rip rap slope (45 degree) up earth bank (over 40 feet high). 1000 to 3000 lb. stone with some vegetation growing in slope. Toed into beach. Condition В IV Priority Good Rating **High Priority** Rating Level of Action Minor Consider for Next Project Construction Listing Action Structure observed to exhibit very minor Description High Value Inshore Structures with Potential Description problems, superficial in nature. Minor erosion for Infrastructure Damage and/or Moderate to landform is present. Structure / landform Density Residential Dwellings (1-10 dwellings adequate to provide protection from a major impacted / 100 feet of shoreline) coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure. Structure Images: Structure Documents: 035-018-000-144-100-PHO1A.jpg

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-018-000-145-100

		Location:	li halid Nova Prizer (Artistedia) masim er žaskatu akakus do "dostacupego popuy oje goj	Date:
rivate		Newport Ro	i.	8/18/200
resumed Structure	e Owner:	Based On C	omment:	
Inknown				
wner Name:		Earliest Stru	cture Record:	Estimated Reconstruction/Repair Cost:
	7		0	\$59,459.00
ength: Top El	evation: FIRM Map Zone:	FIRM Map Elev	r-alve anamiga, state to relaboration of apply distributions and an action of the national state of a con- ation:	
495	A3		11	
Feet Feet N	AVD 88	Feet N	GVD	
rimary Type:	Primary Material:	Primary Height		
evetment	Stone	5 to 10 Feet		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
econdary Type:	Secondary Material:	Secondary Heig	ıht:	
		1		
ructure Summary	: e (45 degree) with 1 to 2 ton ston	os Tood into hon	ab wall	
, , , , , , , , , ,	(10 109,00) (111,110 2 1011 3101)	es. Toca into beat	on wall.	
Condition	В		Priority	IV
ating	Good		Rating	High Priority
evel of Action	Minor		Action	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very problems, superficial in nature. Metalento landform is present. Structure adequate to provide protection for coastal storm with no damage. And to prevent / limit future deterioration if the of structure.	linor erosion e / landform om a major Actions taken	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)
to com the latter distribution of the control of th	s: Str	ucture Docume		

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-018-000-150-100

Property Owner:		Location:	Date:
Private		Newport Rd.	8/18/2006
Presumed Structur	re Owner:	Based On Comment:	
Unknown			
Owner Name:		Earliest Structure Record:	Estimated Reconstruction/Repair Cost: \$37,237.00
310	Primary Materia Stone Secondary Mate	5 to 10 Feet	
		labs. Between revetment is a private travel lift i	made of concrete walls. Approximately 45 degree
Condition Rating Level of Action Description	B Good Minor Structure observed to e problems, superficial in to landform is present. adequate to provide pre coastal storm with no d to prevent / limit future life of structure.	nature. Minor erosion Structure / landform etection from a major	IV High Priority Consider for Next Project Construction Listing High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)
Structure Image 035-018-000-150-1 035-018-000-150-1 035-018-000-150-1	00-PHO1A.jpg 00-PHO1B.jpg	Structure Documents:	

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-019-000-041-100

Presumed Structure Owner:  Local Property Ownership  Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair						
Presumed Structure Owner:    Based On Comment:	Property Owner:	Konin di Aliko villa di Bigi 49-gi 44 gibba da da sebi kona 44 - Alian da kasilanda da gibi (A. Arikan da da di Bigi 47-di Arikan da da di Bigi 47-di Arikan da	Location:	asi menten Ski sikki Mekikiski mejada di Addrikti findhak eta dan erakundi ni te	Dat	
Downer Name:   Earliest Structure Record:   Estimated Reconstruction/Repair	Local		Nantasket Be	ach		8/2/2000
Owner Name:    Farliest Structure Record:   Estimated Reconstruction/Repair	Presumed Structur	e Owner:	Based On Con	nment:	,	
Hull  Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  112	Local	The later is the second of the	Property Own	ership	W	THE REAL PROPERTY OF THE PARTY
Hull	Owner Name:		Earliest Struct	ure Record:	Estimated Pecon	Struction/Donair Costs
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height:  Bulkhead/ Seawall Stone Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition B  Rating Good Rating High Priority  Level of Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent/ limit future deterioration and extend	Hull	/			Listinated Record	\$9,462.00
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height:  Bulkhead/ Seawall Stone Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  Structure Summary:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  Good  Rating  Level of Action  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent/ limit future deterioration and extend	Longth	eren terjat sain kering mejalah merumpahan panagai sait ti dahan dalam pendentah melalai dan sesata merumpahan Mejalai kerina dan kering dimendan keringan kerindan dan dalam dan mengan bang dan melalai dan mengan bang dan	ng girin sa repoklemakan gagilan say si in-refi terakan-an-antan fukulah di sakaban jada andara di-d Manusian Patanakhan pada pada sa undaka ada sakaban sang say di dalah atanakhan jada sakaban sakaban sakaban s	ensistation his proper for the following makes from the following makes and the contract of th		
Feet Feet NAVD 88  Feet NGVD  Primary Type: Primary Material: Primary Height:  Bulkhead/ Seawall Stone Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  High Priority  Level of Action  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions to prevent/ limit future deterioration and extend			The second secon	Control of the Contro		Facilities
Primary Type: Primary Material: Primary Height:  Bulkhead/ Seawall Stone Under 5 Feet  Secondary Type: Secondary Material: Secondary Height:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition B  Rating Good Rating High Priority  Level of Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend	1					
Bulkhead/ Seawall  Secondary Type: Secondary Material: Secondary Height:  Structure Summary:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  High Priority  Level of Action  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend						
Structure Summary:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  High Priority  Level of Action  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend			And the same of th			rest 2
Structure Summary:  2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach. Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.    Condition   B	Secondary Type:		•			
2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach.  Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  Minor  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Secondary Fraction.	Secondary Height	1		en e
2 foot high by 2 feet 6 inch wide stone masonry wall at edge of road/access way to beach.  Concrete cap (2 feet thick) broken on edges. 2 timber CCA piles at face to mark access ramp.  Condition  B  Rating  Good  Rating  Minor  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend	Structure Summary	/:	4			
Condition B  Rating Good Rating High Priority  Level of Action Minor Action  Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend Priority  Rating High Priority  Action Consider for Next Project Construction Listin Description  High Value Inshore Structures with Potentia for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling impacted / 100 feet of s horeline)	2 foot high by 2 fe	et 6 inch wide stone masonry wa	all at edge of road/acco	ess way to beach.	Concrete cap (2 feet thick) brok	ten on edges. 2
Rating Good Rating High Priority  Level of Action Minor Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend  Rating High Priority  Consider for Next Project Construction Listing  Description High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling impacted / 100 feet of s horeline)	umber cox piles a	trace to mark access ramp.				
Rating Good Rating High Priority  Level of Action Minor Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend  Rating Consider for Next Project Construction Listing  Description High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling impacted / 100 feet of s horeline)	Condition	В		Priority	IV	
Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling impacted / 100 feet of s horeline)	Rating	Good				
problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend	_			Action	Consider for Next Project Co	onstruction Listing
	Description	problems, superficial in nature. to landform is present. Structuadequate to provide protection coastal storm with no damage. to prevent / limit future deteriors	Minor erosion ire / landform from a major Actions taken	Description	for Infrastructure Damage ar Density Residential Dwelling	nd/or Moderate ps ( 1-10 dwellings
Structure Images: Structure Documents:		00-PHO1A.jpg	tructure Documen	TO COMPANY OF THE PROPERTY OF		
35-019-000-041-100-PHO1B.jpg						

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-020-000-143-100

Property Owner:	i Marcil Salahur Virlage (al-VIII) di Gracilari cindet (interazionalea)	dir. yerlikk-tilat firildisaksias	Location:	kagan Sandan di Sandan di Sandan da Angara da Angara Sandan Sandan Sandan Sandan Sandan Sandan Sandan Sandan S		
Local			Newport Rd.	The same of the sa	the second section with the second section with the second section with the second section sec	8/200
Procumed Structur	ma Ourmani				0/10	5/200
Presumed Structu	re Owner:	Marie Company Company State of the Company of the C	Based On Cor			
Local			Property Own	ership		
Owner Name:			Earliest Struct	ure Record:	Estimated Reconstruction/Repair	Cost:
Hull		,		0	\$1,263,71	
Length: Top E	Elevation:	FIRM Map Zone:	FIRM Map Elevat	iese Providerk verskaan han sykkelyn at hij hit an Varheit in ground provincia de de hij hij dat is kan De verstaan de de verskaar konstitut in water van verskaar in van de vaar de daar 1856 de verstaan de skaar de		a a colonia de Seculos del cómbo
808	icvadon.	A3	The second secon	ion: 11		
	NAVD 88	, , ,	Feet NG			
				<b>7</b> 0		
Primary Type: Revetment	Prin Stor	nary Material:	Primary Height:	~~v	Company of the same of the sam	
	,		10 to 15 Feet			
Secondary Type:	Seco	ndary Material:	Secondary Height	t:		
			1			
Structure Summar			A STATE OF THE STA			
foundation for mul	lti-unit residen	tial building. The stair	rs and slope at the	Strawberry Hill are	1 to 2 ton stones. Slope located in front of conceed have failed.	rete
Condition	D			Priority	IV	
Rating	Poor			Rating	High Priority	
Level of Action	Major			Action	Consider for Next Project Construction Listin	g
Description	deterioration undermining strong risk of failure during should be m repairs/recon taken to reco capacity to r Landform er Landform no during major recreate land	hibits advanced levels a, section loss, crackin p, and/or scour. Struct of significant damage a g a major coastal storr onitored until astruction can be initial construct structure to re esist a major coastal stort adequate to provide coastal storm. Action dform to adequate limi om a major coastal stort	g, spalling, ure has and possible m. Structure ted. Actions again full storm. ned. protection s taken to ts for full	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling impacted / 100 feet of s horeline)	IS
			cture Documen	ts:		
tructure Image 35-020-000-143-1						
35-020-000-143-1						

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-024-000-110-100

Key:	community-map-block-parcel-structure
,.	commanie, map block parcer structure

Property Owner:	e de l'action de la company	Location	1:		Date:		
Local		Newport I	Rd.		8/18/2000		
Presumed Structur	e Owner:	Based On	Based On Comment:				
Local		DCR - Coi	ntract Drawings	All and the state of the state			
Owner Name:		Earliest St	ructure Record:	E	Estimated Reconstruction/Repair Cost:		
Hull	/		196		\$792,528.00		
ength: Top E	ilevation: FIRM Map	Zone: FIRM Map Ele	- 1800-4008minute-te-34-throughten-seguine-seg	etation disclaims physics or a significant of the community of the characteristic of the control design of the	MANA MARKEN MAN DE MANAGEMENT MAN DE		
3160	15	A3	11				
Feet Feet	NAVD 88	Feet	NGVD		A ON ARC		
Primary Type:	Primary Material:	Primary Heigl	ht.	her hand	The state of the s		
Bulkhead/ Seawall		10 to 15 Fee	4 1 800 M M M TO				
Secondary Type:	Secondary Material:	Secondary He					
Revetment	Stone	- Sadridary He	-3.161	The William			
Structure Summan	<i>,</i> :			A A STATE OF THE S			
Rating Level of Action Description	el of Action Minor		Priority Rating Action Descripti	Consider Fo Safety and V Oritical Insho Potential for High Density of structure i stabilization loss of prope	Highest Priority r Immediate Action Due to Public Welfare Issues ore Structures Present with Infrastructure Damage and/or v Residential Dwellings Condition may warrant emergency as failure may result in potential erty and/or life. (>10 dwellings 00 feet of s horeline)		
tructure Image 35-024-000-110-1 35-024-000-110-1	00-PHO1A.jpg 00-PHO1B.jpg	Structure Docum	nents: MARCH 196 MAR 1961	PROPOSED SEA	035-024-000-110-100-DCR1A 035-024-000-110-100-TWN1A		
5-024-000-110-1							
5-024-000-110-1							
5-024-000-110-1	00-PHO1E.jpg						
5-024-000-110-1							

### **Structure Assessment Form**

Town: |Hull |
Structure ID: |035-027-000-054-100|

Property Owner:		Location:		Date:
Local	and the second s	Nantasket B	each	8/2/2006
Presumed Structur	re Owner:	Based On Co	nmment:	
Local		Property Ow		
Owner Name:			cture Record:	F. P. J. J. B. J. J. D. J.
Hull	7	Earliest Struc	0	Estimated Reconstruction/Repair Cost: \$0.00
	The second secon	Politikus Balas, Zurijanamieroj voja, v red 1946 dilikudid iliyari 1944 da 200 dilikulik ilikani yarrigi zizan Politikus Balas, Zurijanamieroj voja, v red 1946 dilikudid iliyari 1944 da 200 dilikudid iliyari 1947 da 200 dilikudid iliyari 1948 da 200 da 200 dilikudid iliyari 1948 da 200 dilikudid iliyari 1948 da 200 da 200 dilikudid iliyari 1948 da 200 da	kul 1970 kolokuul 4 8, gaal 4 8 7,3 7 yo kuun 4 9 5 5 7 4 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Procedure and the control of the con
ength: Top E	Elevation: FIRM Map Zon			
	NAVD 88	V4	22	
		Feet NO		
Primary Type: Revetment	Primary Material: Stone	Primary Height: 5 to 10 Feet		
Secondary Type:	•			
econdary Type:	Secondary Material:	Secondary Heigl	nt:	
Structure Summar				
Revetment slope a	y . at 1 to 1 with 5 feet wide flat top	. Paved sidewalk beh	and then street	. Revetment willnot prevent washing out of
small/fine materia	i.			Newcoment winner prevent washing out of
Condition	A		D. C. C.	
Rating	Excellent		Priority Rating	II Low Priority
Level of Action	None		Action	Future Project Consideration
Description	Like new condition. Structure e withstand major coastal storm Stable landform (beach, dune Adequate system exists to pro from major coastal storm.	without damage. or bank).	Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage
tructure Image 35-027-000-054-1 35-027-000-054-1	00-PHO1A.jpg	Structure Docume	normalisation variables according to the communication of the communicat	

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-027-000-054-200

Property Owner:	- What is a street of the second of the seco	Location:	nadit ni firificand som distribundon i talishi ni ni na asasti ni njesteposhi prin ye ni asasi si makisi dha dipondo	and the transfer for the time authorizing and the despite area in the despite area and an anti-	MANAGED CONTRACTOR CON
State		Nantasket Beach			8/2/2006
Presumed Structur	e Owner:	Based On C	Comment:	,	
State	The state of the s	Property O	wnership		A CONTROL OF STREET
Owner Name:		Earliest Str	ucture Record:	Estimated Reconstruc	tion/Donair Costs
MA-DCR	/		0	Estinated Reconstruc	\$119,975.00
Length: Top E	levation: FIRM Map Zone:	FIRM Map Elev	nome strong historical consistent de talent consistent accommente	er veter er för ett förhåde de dissat der i döder forsek ereg, som som som sind agreke, som av det er veter vider ett förbadde hade ett er veter er för er veter ett för er vete	
122	11 V4		22		s-life
Feet Feet N	NAVD 88	Feet N	IGVD	The state of the s	
Primary Type:	Primary Material:	Primary Height	*a •a		
Bulkhead/ Seawall	Concrete	Under 5 Feet			20 af
Secondary Type:	Secondary Material:	Secondary Heig	ght:		
					*
Structure Summan	/ : possibly building foundation) in poor				Class
Condition Rating Level of Action Description	Critical Immediate Conditions of structure/landform memergency stabilization as failure in potential loss of property and/or life eroded, loss of integrity. Structure critical levels of deterioration, section cracking, spalling, undermining, an Structure provides little or no prote major coastal storm. Actions taken reconstruct structure to regain full of Landform stability is severely comprate of erosion/material loss may be and landform does not provide ade protection from a major coastal stotaken to recreate landform to adeq for full protection from a major coastal.	may result in e. Landform exhibits on loss, id/or scour. ction from a to totally capacity. promised, e increasing, quate rm. Actions uate limits	Priority Rating Action  Description	III Moderate Priority Consider for Active Project Impro Listing Inshore Structures with potential I Infrastructure Damage and/or Lim Residential Dwellings ( <1 dwellin 100 feet of shoreline)	for nited
Structure Image 035-027-000-054-2		cture Docume	ents:	utter seg statt inneren gestelle men genere in der	

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-027-000-054-300

Property Owner:	ramatari fina) - minimitali data falip Alipina) malandir minimita minimita di manatari penganan nganan ngana	Location:	anguya in 1900-uu olamadahir katelahkalasakkaaluu jaanki debriqahiri-vaji 1491-uuti-	The state of the s
State		Nantasket Be	ach	8/2/2006
Presumed Structure	e Owner:	Based On Comment:		
State	The second secon	Property Own	ership	Section 10 Control of the Control of
Owner Name:		Earliest Struct	ure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	7		0	\$595,056.00
Length: Top E	evation: FIRM Map Zone:	FIRM Map Elevati	tottationensistä trestamine, vuiset kan kaasitun satatatatataavaksajite, on Valus trassisteneestitiinsataavassatarulusaavataristaatatatatatatatatatatataavatainaise ion:	
392	11 V4		22	
Feet Feet N	AVD 88	Feet NG\	VD	
Primary Type:	Primary Material:	Primary Height:		THE RESERVE OF THE PARTY OF THE
Bulkhead/ Seawall	Concrete	5 to 10 Feet		
Secondary Type:	Secondary Material:	Secondary Height	t:	
Revetment		5 to 10 Feet		
Structure Summary	:			economic de la companya del companya del companya de la companya d
barrier on top.	ulouse on 16 inches to 24 inches o	oncrete siad founda	uon. Remainder is	s 2 feet revetment (500 to 1000 lbs.) with jersey
Condition	D		Priority	IV
Rating	Poor		Rating	High Priority
Level of Action	Major		Action	Consider for Next Project Construction Listing
Description	Structure exhibits advanced levels deterioration, section loss, crackir undermining, and/or scour. Struc strong risk of significant damage a failure during a major coastal stor should be monitored until repairs/reconstruction can be initiataken to reconstruct structure to recapacity to resist a major coastal Landform eroded, stability threate Landform not adequate to provide during major coastal storm. Actior recreate landform to adequate lim protection from a major coastal st	ng, spalling, ture has and possible m. Structure  ated. Actions egain full storm. ned. protection s taken to its for full	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)
Structure Image 035-027-000-054-3	00-PHO3A.jpg	ucture Documer	nts:	
035-027-000-054-3	оо-кпозв.]рд			

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-030-000-073-100

Key:	community-map-block-parcel-structure

<b>5</b> · ·		Location:			Date:
Private		Nantasket I	Rd.		8/18/2006
Presumed Structur	e Owner:	Based On C			1 3, 23, 2000
Unknown		Property Ov			
Owner Name:		,		-	
Owner Name.		Earliest Str.	octure Record:	Es	stimated Reconstruction/Repair Cost:
entrepresentation of the control of	e de la companya del companya de la companya del companya de la companya del companya del companya del companya de la companya del com	ual Nacionalem area hazigita ya Nagiota za pina pina atau kan area kan area kan area kan area kan area kan are Mandanan dalamata za kan area	ere Allenda (1900) un portun de La colar VIII de Billion como cinegro per el al Processo de la colar de la Colar de Cola	amajanto 2,0494 f 90 il Viinnaadinnakiiliirda (4anto 2011 on tuusik	\$268,356.00
	levation: FIRM Map Zon	ne: FIRM Map Elev	ation:	Challenge Sept. Se	promoted to characteristic and control of the contr
1070	15	A3	11	Carried Town	
Feet Feet N	IAVD 88	Feet N	GVD		
Primary Type:	Primary Material:	Primary Height		19	
Bulkhead/ Seawall	Concrete	10 to 15 Feet			
Secondary Type:	Secondary Material:	Secondary Heig	ıht:		
Revetment	Stone			Shir.	
Structure Summary				And the second second	
concrete. 1000 to	ete seawall with placed rip rap 4000 lb. stones. Slope toed in	to beach. Tide gate of	loes not function.	K INSNORE. MINOR	deterioration and cracking of
Condition	В		Priority	1	
Rating	Good		Rating	None	
Level of Action	Minor		Action	Long Term P	lanning Considerations
Description	Structure observed to exhibit problems, superficial in nature to landform is present. Structure adequate to provide protection coastal storm with no damage to prevent / limit future deterional life of structure.	e. Minor erosion ture / landform n from a major e. Actions taken	Description	Units Present	tructures or Residential Dwelling t
Structure Image		Structure Docume	ante		
		Structure Docume		DPOSED SEA	035-030-000-073-100-DCR1A
tructure Image 35-030-000-073-1 35-030-000-073-1	00-PHO1A.jpg	MA DPW	MARCH 196 PRO	DPOSED SEA	035-030-000-073-100-DCR1A 035-030-000-073-100-TWN1A

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-032-000-051-100

Key: community-	-map-block-parcel-structure	e
Rey. Community	map block-parcer-structure	ς

		Location:		n v. noronamunum (1-45 par 1911) (1-14-4000000000000000000000000000000000	Date:
Private		Sunset Poi	nt	**************************************	8/18/2006
Presumed Structur	re Owner:	Based On (	Comment:		,
Unknown				E 07. 300	
Owner Name:		Earliest Str	ucture Record:	Estima	ated Reconstruction/Repair Cost:
	/		1960		\$115,454.00
735 Feet Feet I Primary Type: Revetment Secondary Type:	Primary Material:  Stone  Secondary Material:  y: ment with 1 to 2 slope. Rip ra	Feet N Primary Height 10 to 15 Feet Secondary Height	11 NGVD :: ght:	ome locations	
		p is 1 to 2 ton stone.	roe scoured out at st	ome locations.	
Condition	В		Priority	IV	
ating	Good		Rating	High Priority	
evel of Action	Minor	960000	Action		Project Construction Listing
Description	Structure observed to exhibit problems, superficial in natur to landform is present. Structure adequate to provide protection coastal storm with no damage to prevent / limit future deterior life of structure.	e. Minor erosion cture / landform in from a major e. Actions taken	Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)	
ructure Image		Structure Docum			
5-032-000-051-1	00-PHO1A.jpg	MA DPW	AUGUST 19 PROF		35-032-000-051-100-DCR1A
	00-PHO1A.jpg 00-PHO1B.jpg	MA DPW	AUGUST 19 PROF		35-032-000-051-100-DCR1A 35-032-000-051-100-TWN1A

#### **Structure Assessment Form**

Town: Hull

Structure ID:	035-033-000-010-100
Key: community	-map-block-parcel-structure

Property Owner:	di der eller se klalang (n.d.). 1985 (Visioner aus francis nammeller von invest darch Luida amydry (n.d.). 1874 e acadistal ar elegide myrch.	Location:	dan di et 1 yayayn manadin lake 2 zamandaran mada na ini daraga an dagayan ini	
State		Nantasket Beach		8/2/2
Presumed Structur	re Owner:	Based On Co	mment:	
State		Property Own		
Owner Name:		Earliest Struc	tura Baserdi	E-Part III
MA-DCR	/	Larilest Struc	0	Estimated Reconstruction/Repair Cos \$0.0
Length: Top E	e to the large on which their resign dehides established and the desired of the large the desired of the large the l	ungli Juliugi Palus (1886) inaki menangan 1966 Pri 196 menangan Grendi Cari Jako Pri menandi Palami (1966) inaki Palami (1968) inaki menandi menandi menandi pengan pengangan	amigin-filde al 'n et sater noorde uitsoule' van de de historiaanse voorde van besteld bistolieke de seel van de de historiaanse van de	
976	Elevation: FIRM Map Zone: V4	FIRM Map Eleva	22	
	NAVD 88	Feet NG		
Primary Type:	Primary Material:		••	
Bulkhead/ Seawal		Primary Height: 5 to 10 Feet	-	
Secondary Type:	Secondary Material:	Secondary Heigh	<b>+</b> •	
Revetment	Stone	5 to 10 Feet	<u>.                                    </u>	
Structure Summar	v :			
Rating Excellent  Level of Action  Description  Like new condition. Structure experiments with stand major coastal storm with Stable landform (beach, dune or be Adequate system exists to provide from major coastal storm.		nout damage. ank),	Rating Action  Description	Moderate Priority  Consider for Active Project Improvement Listing Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)
tructure Image 35-033-000-010-1		cture Documer	ts:	

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-034-000-001-100

Property Owner:		Location:	idlaniskalin Macinetalensinidasi seldadildi tahlin martin, lisutun u	
Local	the state of the s	Bay St.		Date: 8/18/2006
Presumed Structur	e Owner	Based On Co	mmont-	0/18/2000
Local	C OWING.	and the same of th	The state of the s	
1		Property Ownership		
Owner Name:		Earliest Struc	ture Record:	Estimated Reconstruction/Repair Cost:
		Manamarine - who distributed his construction is an action and properly of the distributed by the construction of the construc	Mentional deformation and the second	\$658,754.00
	levation: FIRM Map Zone:	FIRM Map Eleva		
843	A3		11	
	IAVD 88	Feet NG	GVD	and the second second
Primary Type: Revetment	Primary Material:	Primary Height:		
•	Stone	10 to 15 Feet		
Secondary Type:	Secondary Material:	Secondary Heigh	nt:	
Character C	3			
Structure Summary Dumped rip rap slo		inshore. Not toed	in at hase 100 to	200 lb. stone loosely placed with evidence of
movement.		The local	4. 5050. 100 (0	200 ID. Storie 1005cry placed with evidence of
Condition	С		Priority	III
Rating	Fair		Rating	Moderate Priority
Level of Action	Moderate		Action	Consider for Active Project Improvement
Description  Structure is sound but may exhibit deterioration, section loss, cracking undermining, and/or scour. Structure to withstand major coastal storm with moderate damage. Actions taken to structure to provide full protection for coastal storm and for extending life structure. Moderate wind or wave of landform exists. Landform may not to fully protect shoreline during a mistorm. Actions taken to provide additional material for full protection and extending life.		ng, spalling, ure adequate with little to to reinforce from major e of damage to t be sufficient najor coastal ldition	Description	Listing Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings ( <1 dwelling impacted / 100 feet of shoreline)
Structure Image 035-034-000-001-10 035-034-000-001-10 035-034-000-001-10	00-PHO1A.jpg 00-PHO1B.jpg	icture Documer	tal for the commission of the	

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-035-000-014-100

	laku sementinin terdahidi ne kultu sementi dalam dalam dalam mengengan pembangan dan dalam berbada dan dalam	ediren er et didd. Diddeldd didd e ei didd e didd e didd daeldd a ei didd e didd e didd e didd e didd e didd e	taring the continue of the design of the design of the continue of the continu	Key: community	EARNING From minimum and replacements of the contract of the c
Property Owner: Local	Maria Cara Cara Cara Cara Cara Cara Cara	Location:		The state of the s	Date:
		Hampton Hill			8/18/200
Presumed Structur	e Owner:	Based On Co			
Local		Property Ow	nership		
Owner Name:		Earliest Struc	ture Record:	Estimated R	econstruction/Repair Cost:
Hull	′		0		\$0.00
ength: Top E	Elevation: FIRM Map Zone:	FIRM Map Elevai	rheider Nodelstern der Freuderungste stellt der eine eine eine eine der eine eine gestelle ein gehode eine der Alle ein der der leite eine Bergereit und eine stellte eine der eine der eine der der der der der der der der FION "	de yerinek ferok elde laktionsom de uitet dit verstelle fer valddielek keine dit op dit de dit op dit die dit Pronet en vide ande stemak eigensom de stemak is de met telle is de bestelle er telle de vide dit dit bestelle De verstelle ande stemak eigensom de stemak ein de met telle er verstelle er telle de verstelle er telle de te	uar-violekus Vist-dischligen von 15 ur 1900 NOS pringstagen. Vist alle stelle eine stelle violekus von 15 ur 1 Produktionaldischligen die Vistoria von 15 ur 1900 NOS pringstagen.
141	A3	Tara Triag Eleva	11		
Feet Feet N	NAVD 88	Feet NG	VD	Marie A	
Primary Type:	Primary Material:	Primary Height:			
Revetment	Stone	10 to 15 Feet			Turny in
Secondary Type:	Secondary Material:	Secondary Heigh	t:	THE PARTY OF	- Tri)
Structure Summary		and the second second			
iaced revenient	with 1/2 to 1 ton stone concrete me	ortared. Toed Well	into back no scour.	Pump house located on st	ructure.
Condition	A		D. I. S.		
Conauton Rating	Excellent		Priority Rating	III Moderate Priority	
Level of Action	None		Action	Consider for Active Pro	ect Improvement
Description	Like new condition. Structure exp			Listing	
	withstand major coastal storm with Stable landform (beach, dune or l	oank).	Description	Inshore Structures with Infrastructure Damage	
	Adequate system exists to provid from major coastal storm.	e protection		Residential Dwellings ( 100 feet of shoreline)	<1 dwelling impacted /
	major coddai cionn.			100 leet of shoreline)	
	er som en vikke general kan kanada dari bilanda kan ayaya da dari bilanda kan ayaya da kan kan kan kan kan kan Kan ayaya kan kan ayaya kan ayaya kan ayaya kan ayaya kan ayaya da kan ayaya kan ayaya kan ayaya kan ayaya kan			the Arthur makes that discovers are less a Makes the the Arthur Makes and	
		ucture Documer	nts:		
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tructure Image 35-035-000-014-1 35-035-000-014-1	00-PHO1A.jpg	ucture Documer	eritori dilata amenden magnimisco per dilamanimismo del anticisi di seritori d		
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35-035-000-014-1	00-PHO1A.jpg	ucture Documer	erika tiata manianggangan silamahanggan ara silah silamahanggan ara silah silamahanggan ara silah silamahangga Ats:	der har verkende der der der der der der der der der d	untervingstod falle diese verwer hat diese falle in diese verleigt, eine verse verwers verwers der diese der der der der der der der der der de
35-035-000-014-1	00-PHO1A.jpg	ucture Documer	nts:		

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-035-000-014-200

Key: community-map-block-parcel-structure Property Owner: Location: Date: Local Hampton Hill 8/18/2006 Presumed Structure Owner: **Based On Comment:** Local Property Ownership Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost: Hull \$5,491.00 Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 65 А3 Feet Feet NAVD 88 Feet NGVD Primary Type: Primary Material: Primary Height: Bulkhead/ Seawall Under 5 Feet Concrete Secondary Type: Secondary Material: Secondary Height: Structure Summary: 18 inch wide cast in place concrete seawall with road directly inshore. Minor cracking and slight outshore lean. В Condition IV **Priority** Rating Good **High Priority** Rating Minor Level of Action Action Consider for Next Project Construction Listing Structure observed to exhibit very minor Description High Value Inshore Structures with Potential Description problems, superficial in nature. Minor erosion for Infrastructure Damage and/or Moderate to landform is present. Structure / landform Density Residential Dwellings (1-10 dwellings adequate to provide protection from a major impacted / 100 feet of shoreline) coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure. Structure Images: Structure Documents: 035-035-000-014-200-PHO2A.jpg

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-036-000-022-100

Private Bay St. 8/18/2006  Presumed Structure Owner: Based On Comment:  Unknown Property Ownership  Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost:  0 \$123,493.00  Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  567	Property Owner:	lamigner frankt frankt in einen deueren dicht fan i Skinds abt fan de Arkelskald fan de Arkelska fan Skindskald fan Skindskald fan de Arkelskald fan de Arkelskald fan Skindskald fan de Arkelskald fan de Arkelsk	Location:	AMd v Elisabusgonan vite for additionative grow, crisisah distribution idealhasian	nteres attendituren de se communication de la se de la desarte colonidade de colonidad	
Presumed Structure Owner:    Disperty Ownership   Property Ownership	Private		The second secon		The state of the s	8/2006
Unknown Owner Name:  Earliest Structure Record:  Earliest Structure Record:  Top Elevation:  FIRM Map Zone:  FIRM Map Elevation:  FERM Map Elevation:  FERM Map Elevation:  FERM Map Elevation:  FERM Map Elevation:  Feet NGVD  Freet NGVD  Feret NGVD  Feret NGVD  Freet NGV	Presumed Structur	e Owner:	Based On Co	Raced On Comment:		3,23,2000
Owner Name:    Earliest Structure Record:   Estimated Reconstruction/Repair Cost:   \$123,493.00	Unknown	the state of the s				mist many times
Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  567	Owner Name:		,			
Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation:  567	Owner Name.		Earliest Struc	The state of the s		
Feet Feet NAVD 88  Feet NGVD  Primary Type: Bulkhead/ Seawall Concrete Secondary Type: Secondary Material: Stone Under 5 Feet  Structure Summary:  Precast concrete seawall with cast in place base. Dumped rip rap at toe of wall. Stone size of 100 lb. typical. Minor cracking and spalling. The end of structure does not have precast concrete and base is failed and deteriated.  Condition  B Rating Good Rating High Priority Action Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend  Structure Images:  Structure Images:  Structure Images:  Structure Images:  Structure Images:  Structure Images:  Structure Documents:		menten en ver en varion e sengan variante dan das mais en et establishen dan de se la recensiva dan de desarbangen en media a v Print her l'hann her et en recept de l'hossistament allementain en den la recensive par de mette desarban hann de de l'hossistament	dil 2 a 4-14-144 (20-10) dilateri igasi 144-155 siraba kahanular-turi isah shekara gaza gaza Kaharatkar ethikkin keta bermuusuri baharatka ketarakkin ketarak dilateri dilateri dilateri dilateri dilateri		\$123/T:	<b>73.00</b>
Feet Feet NAVD 88 Feet NGVD  Primary Type: Primary Material: Primary Height:     Ston 10 Feet     Secondary Type: Secondary Material: Stone     Structure Summary :		the same of the sa	FIRM Map Eleval		the state of the s	wines
Primary Type:   Primary Material:   Primary Height:   Sto 10 Feet   Secondary Type:   Secondary Material:   Secondary Height:   Under 5 Feet   Structure Summary:   Precast concrete seawall with cast in place base. Dumped rip rap at toe of wall. Stone size of 100 lb. typical. Minor cracking and spalling. The end of structure does not have precast concrete and base is failed and deteriated.  Condition   B	1					
Bulkhead/ Seawall   Concrete   5 to 10 Feet			Feet NG	VD		
Secondary Type: Secondary Material: Secondary Height:   Stone   JUnder 5 Feet    Structure Summary:    Precast concrete seawall with cast in place base. Dumped rip rap at toe of wall. Stone size of 100 lb. typical. Minor cracking and spalling. The end of structure does not have precast concrete and base is failed and deteriated.  Condition   B   Rating   Good   Rating   High Priority   IV    Rating   Good   Rating   High Priority   Action   Consider for Next Project Construction Listing    Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:   Structure Documents:    Structure Images:   Structure Documents:   Structure Documents:    Structure Images:   Structure Documents:   Structure Documents:   Structure Documents:    Structure Images:   Structure Documents:   Str	A COUNTY OF THE PARTY OF THE PA		The second secon	·····		
Structure Summary   Structure Summary   Structure Summary   Structure Summary   Structure Summary   Structure Summary   Structure does not have precast concrete and base is failed and deteriated.    Condition   B		•	,			
Structure Summary:  Precast concrete seawall with cast in place base. Dumped rip rap at toe of wall. Stone size of 100 lb. typical. Minor cracking and spalling. The end of structure does not have precast concrete and base is failed and deteriated.  Condition  B Rating Good Rating High Priority Level of Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure I landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Images:  Structure Documents:  Structure Images:  Structure Documents:		The state of the s		<u>t:</u>	and the second	
Precast concrete seawall with cast in place base. Dumped rip rap at toe of wall. Stone size of 100 lb. typical. Minor cracking and spalling. The end of structure does not have precast concrete and base is failed and deteriated.  Condition  B  Rating Good Rating Good Rating Level of Action Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Images:  Structure Documents:			Jonuel 3 reet	-		
Condition B Priority IV Rating Good Rating High Priority Level of Action Minor Action Consider for Next Project Construction Listing Description Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images: Structure Documents:  Structure Images: Structure Documents:			mned rin ran at too	of wall Stone circ	e of 100 lb typical Minor cracking and ""	<b>T</b> L
Rating Good Rating Level of Action Minor Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Images:  Structure Images:  Structure Documents:	end of structure do	pes not have precast concrete and I	pase is failed and de	eteriated.	e of 100 lb. typical. Millior cracking and spailing.	The
Rating Good Rating Level of Action Minor Action Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Images:  Structure Images:  Structure Documents:	C. tu	В.				
Level of Action  Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Documents:  Structure Images:  Structure Documents:				*		
Description  Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.  Structure Images:  Structure Images:  Structure Description  High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)  Structure Images:  Structure Images:  Structure Documents:	•			-		
035-036-000-022-100-PHO1A.jpg 035-036-000-022-100-PHO1B.jpg	Description	problems, superficial in nature. M to landform is present. Structure adequate to provide protection fro coastal storm with no damage. A to prevent / limit future deterioration	inor erosion / landform m a major ctions taken		High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwelling	ĺ
035-036-000-022-100-PHO1A.jpg 035-036-000-022-100-PHO1B.jpg						
			ucture Documer	nempil kajah jing tempanan kalalina, yami di asar elemen kajan makan elemen kajan makan kanan kajan kajan kaja Kerimper seminan kajan di makan keli sepinah kajan		De Miller (1992)
35-036-000-022-100-PHO1C.jpg	035-036-000-022-1	00-PHO1B.jpg				
	035-036-000-022-1	00-PHO1C.jpg				
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### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-036-000-180-100

Property Owner:	tarialise (a f.) tatafrika da maraja di bayar aft ditafri a maraja maraja di kaya di diferenti yang tir alaupan	Location:	n halfer fan de fan 'n selamae fanig oer oerlekking fan lit beren haldeler myddelstefung en hee	e shreetin bodisa da mangido milaan titraritadiini inapompa dorni rapir-abeddiabetidabeti	Date:
Private		Hampton Hi	II		8/18/200
Presumed Structur	re Owner:	Based On Co	omment:		1
Unknown	The second secon		N. C.	Water to the second	The second secon
Owner Name:		Earliest Stru	cture Record:	Estima	ated Reconstruction/Repair Cost:
	/		0		\$178,972.00
Length: Top E	Elevation: FIRM Map Zone:	Periode e in Stellat esta del manuel procesa con el fracció y procesa y sugar esta para esta para esta para el Como Marcos del como del como para por el testa del caración, esta del color periodo y considerar	talisamannis varyda y, 4° (4° 4° candazzi ved v° CO No Alaben vessacziąjący Britisteriin (1004 v° 100 da 100 dienienia je vervorski dalista va dzisleko vessacziąjący Britisteriin (1004 v° 1004 da 1004 da 1004 da 1004 vez vez kiel da 1004 da 1004 da 1004 vez vez vez kiel dzislek	nedicir. 10-900667 "Areologiyasiniy giri yelkiri. Bilik qosunisis saraboxedi. Oʻsidakirin sabandi. Bilik oʻsidakil biran ve kyrinin isti sabadi sakati sakati kilganindi. Oʻsidakili sabandi. Oʻsidakili sabandi.	delication and a supplied to the property of the supplied of t
1179	Elevation: FIRM Map Zone:	The second secon	11		
	NAVD 88	Teet N		THE RE	
Primary Type:	Primary Material:	Primary Height:		THE STATE OF THE S	THE PARTY OF THE P
Bulkhead/ Seawall		5 to 10 Feet	and a		
Secondary Type:	Secondary Material:	Secondary Heig	ht:		(A)
Revetment	Stone	Table 1			
Structure Summary	y:				
Revetement with a	precast concrete seawall. Precas	st is set on top of co	oncrete slab on top o	of rip rap. Stone size	1/2 ton to 1 ton. Rip rap is
placed. Revernent	5 feet tall 45 degree slope. Prece	ast 5 feet tall 45 de	gree slope. Precast	5 foot tall.	
Condition	В		Priority	111	
Rating	Good		Rating	Moderate Priority	
Level of Action	Minor		Action		e Project Improvement
Description	Structure observed to exhibit ver problems, superficial in nature. If		Dagavintian	Listing	s with potential for
	to landform is present. Structur	e / landform	Description	Infrastructure Dar	nage and/or Limited
	adequate to provide protection for coastal storm with no damage.			Residential Dwelli 100 feet of shorel	ings ( <1 dwelling impacted / ine)
	to prevent / limit future deterioral life of structure.	tion and extend			
	ille of Structure.				
and the state of t	El a V. (MAC) y a V. (1) a Mac) a Principal and a decidade decidade decidade and a second process of the SECTION CONTROL CONTR	etter til ett stille til stille filmet prætter stil hillitare til hillitare til hillitare til hillitare til hi Vir i fertillette stille hillitare filmet gegrift stillet ble nevnette set erfa stillet ble til tillet ble til	latifikk krisir-ekstiversystettieteis (Kolisik krisiry), sasata prijuk säädestattiisis, ja Mittilikketti – ett läi inuursalatanaisen kirin varintettyiä, —mittilianuute Sotatsia vari	inite farmer (autzale Hebble) situate epotentia televiar est abbidiate al infrancesco por encuente Pero transista e cui tra de del more, su mor a des farmes mendia como que experiencia propieta el Como transista en cui tra de del more, su mor a des farmes mendia como que experiencia propieta el forma de la como considera en como como como como como como como com	met activated amonthal inventory of control of some his tellurory on more detected management of all the self-self-self-self-self-self-self-self-
Structure Image		ructure Docume	nts:		
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#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-037-000-006A-100

Key: community-map-block-parcel-structure

Property Owner:	enakter-vesta almant kereti in-tilan izi kisaiganer 1969 berakirika ishimmerlah dilik 4 mber 1 semak antonom, okurepi, takrat dilikhizida: "sharre	Location:	epikarinnelel kinada selandarahakariah su, igal-nymbus sin diapolis sindonadisina	anide - Procurbination alternate and the little of the spin of the spin of the little of the spin of the little of	Date:
Private	ATTEMPT TO THE PERSON OF THE P	Washington	Blvd.	The state of the s	8/18/2006
Presumed Structure	Owner:	Based On Co	mment:		,,
Private		Property Ow		A LOS CONTROL OF THE PROPERTY	
Ourner Name		,			
Owner Name: Susan Perry	The state of the s	Earliest Struc	ture Record:	Estimated Re	construction/Repair Cost:
1	to the second se				\$51,308.00
Length: Top Ele	vation: FIRM Map Zone:	FIRM Map Eleva	tion:		dag protesting and a money of a fair ordinates of the control of t
338					V. Tarabasa
Feet Feet NA	VD 88	Feet NO	GVD		4-14-17
Primary Type:	Primary Material:	Primary Height:			
Bulkhead/ Seawall	Stone	5 to 10 Feet			
Secondary Type:	Secondary Material:	Secondary Heigh	nt:		
1					
Structure Summary :					
Stone block seawall	(mortared) with building above. L	oss of grout from	mean high water d	own.	
Condition	В		Priority	111	
Rating	Good		Rating	Moderate Priority	
	Minor		Action	Consider for Active Proje	ct Improvement
Description	Structure observed to exhibit very or problems, superficial in nature. Mir	minor	December 1	Listing	
t	to landform is present. Structure	/ landform	Description	Inshore Structures with p Infrastructure Damage a	nd/or Limited
ć (	adequate to provide protection from coastal storm with no damage. Ac	n a major tions taken		Residential Dwellings ( < 100 feet of shoreline)	1 dwelling impacted /
t	o prevent / limit future deterioration ife of structure.	n and extend		roo root of anoromicy	
'	ne of structure.				
The major was the block of the same and the	entre in the second sec	ask en his degels on skaladelstett att vergreden het verst for folkettes, trass verse de timbere nere verkreg gegen het Osterhamen til med kalansilden en ned 1 order, hvest daar barring	alleiting or 4-febril stefakk fransk knyerrysterbelveitikes Theoremoniqueb ann 2006 betrillekennen minuttein von 6-cenn febrille febrille visibiliteiske vorm bly afteren hindssensensenskel af en 46 febrille	gerbreggis till til skultur kansen. I ryg. er rist, sin kinn narngsgista till habdelakti sill blever egner til det halt till sunger Habder den still nir er i sen kuntur. Vir diksminnen kinn hangsfyr if i gilt sil til det værende reddelsten, å sometend den still skultur.	en kildskalat kommitten grupp judis sledde mennen glagt (m. 14 al 1800 m. 14 al 1800 m. 1800 m. 1800 m. 1800 m annaten sammen somme untertribusiere krynslandskalat (m. 18 al 1800 m. 1800 m. 1800 m. 1800 m. 1800 m. 1800 m.
Structure Images	: Strue	cture Documer	nts:		
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035-037-000-006A-10	00-PHO1B.jpg				
	70 -				

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-037-000-007-100

Property Owner:	terrennennen kantalak (para in-pinen rikkisi di sisik sakerata Prakhilik taukin Ince-y KM terren 44,000 deriman ingka	Location	intellentring betreet van de som er nove nove en	kkimma,inigeri (iar diserbir- iddas innumikingt engilir balai saddilikendakah ginapt e engalagsis	Date:	
Private		A CANADA STATE OF THE STATE OF	Wharf Ave.		8/18/2006	
Presumed Structur	re Owner:	Based On	Based On Comment:			
Unknown			Earliest Structure Record:		· · · · · · · · · · · · · · · · · · ·	
Owner Name:		Earliest St			ated Reconstruction/Repair Cost:	
			0		\$64,865.00	
Length: Top E	Elevation: FIRM Map 2	Cone: FIRM Map Ele	hadd is the channel to make the property of th	talida saabaaagan uuraaya järiy-housuuraasaa erimaatkuutti dorsuutu deeliintii tali jään suutuuttaa al deeliintiintii talii yhdissi erimes varamaanaan kassa vaskatai olta vattuvaat vaaja ja oltaanistiin osa vattiida	obside (chiese Relaction pages a collection vision des for described public in the first in a collection of the collecti	
54	I INT Plap 2	A3	11			
Feet Feet	NAVD 88	Feet	NGVD			
Primary Type:	Primary Material:	Primary Heigl	nt:			
Revetment	Concrete	5 to 10 Feet				
Secondary Type:	Secondary Material:	Secondary He	eight:			
Structure Summar						
Concrete public bo	oat ramp in poor condition. So	outh Face heavily eroc	led with material loss.	Patched multiple tim	nes.	
Condition	D		Priority	ı		
Rating	Poor		Rating	None		
Level of Action	Major		Action	Long Term Planning Considerations		
Structure exhibits advanced level deterioration, section loss, cracking undermining, and/or scour. Structure strong risk of significant damage failure during a major coastal stous should be monitored until repairs/reconstruction can be initiated to reconstruct structure to reapacity to resist a major coastal Landform eroded, stability threated Landform not adequate to provide during major coastal storm. Action recreate landform to adequate limprotection from a major coastal store.		racking, spalling, Structure has hage and possible al storm. Structure e initiated. Actions te to regain full astal storm. Irreatened. Tovide protection Actions taken to te limits for full	Description	Units Present	tures or Residential Dwelling	
			killerforssell Livinkindlynds oppidenskipsacvillenski ligerig likks elle, volen þavannsss kakist	grafi stall-skalation egymente sisk å skala fällekologie avaletet skalation kan en skalation för skalation komme		
itructure Image 35-037-000-007-1		Structure Docum		POSED 0	35-037-000-007-100-TWN1A	

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-037-000-007-200

Property Owner:				or Handle Add Navide Add Add Analysis and the State of th	
Private	a an arm the same was the same of the same	Location:		Date: 8/18/2	
	_	,	Wharf Ave.		
Presumed Structur  Jnknown	e Owner:	Based On Comm	nent:	and the second of the second o	
Owner Name:		Earliest Structure	The state of the s	Estimated Reconstruction/Repair Co	
AND THE RESIDENCE OF THE PARTY	er a men av men sin a generalistik vid destala kala men er en	Malakir rusi 1884 datahungan sambahkir bili Markir v rusur dai rusi 144 tekshir sababasahan sepanya	O	\$28,387.	
	Elevation: FIRM Map Zone:	FIRM Map Elevation	timentele	The state of the s	
187 Fact Fact 1	90 A				
	NAVD 88	Feet NGVD			
Primary Type: Bulkhead/ Seawal	Primary Material: Stone	Primary Height: 5 to 10 Feet			
Secondary Type:	Secondary Material:	,			
coolidary Type.	Secondary Material:	Secondary Height:			
tructure Summar	v:	9			
tone block seawa	ll (mortared) around filled wharf p	arking lot. 20 feet sect	ion moved outw	vard with fill loss inshore.	
Condition	В		Priority	I	
Rating	Good		Rating	None	
Level of Action	Minor Structure observed to exhibit ver		Action	Long Term Planning Considerations	
Description	problems, superficial in nature. It to landform is present. Structur adequate to provide protection fr coastal storm with no damage. It to prevent / limit future deteriorate life of structure.	finor erosion e / landform om a major Actions taken	Description	No Inshore Structures or Residential Dwelling Units Present	
		ructure Documents			
tructure Image 35-037-000-007-2		ructure Documents			
		ucture Documents			
		ructure Documents			
		ucture Documents			
		ructure Documents			
		ructure Documents			

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-037-000-007-300

Property Owner:	rhonnel (t.) 200 Aleis (1700 L. 200 Aleis) — Normalina dalem veri (d. 1), teller titelessa a deseljangten fleri	rhamorumbh filir del albumanorumund diddupro yarrid nakiribdagin e tangan	Location:	ER Ermin, schreidelter Beldliche der is Sieden Rolle, 700 vor der Adrik Provinst, und	oenharug ir till, sillinedd annatusus irpanior fel a Grobbaldabriatair o sachabracia - Fe M a M o F A Alley dir adair	Date:
Private			Wharf Ave.	and the state of t	A STATE OF THE STA	8/18/2006
Presumed Structur	re Owner:		Based On Com	ment:		
Unknown				NA		
Owner Name:			Earliest Structu	re Record:	Estimated D	econstruction/Repair Cost:
		/		0	Estillated K	\$216,691.00
	Elevation: F	IRM Map Zone:	FIRM Map Elevatio	ndishimatan sing accepted to 24 dalam alamputation (465 podder uphepolates Hillianson by 150 mm 6 Hillianson business las internal neutral of 4 dar 1 distributions and The state of the st	nterferense et hause sentificialministrational Australia (1906) de l'inches de l'inches principal especial de l'inches de l'inches principal especial de l'inches	des sins superference de plante de la companya de Propuesta de la francisca de la companya del la companya de la companya del la companya de
864		A3	1			James of
Feet Feet N	NAVD 88		Feet NGV	)		1000
Primary Type:	Primary N	laterial:	Primary Height:			A STATE OF THE STA
Bulkhead/ Seawall	Steel		10 to 15 Feet			
Secondary Type:	Secondary	Material:	Secondary Height:			
Structure Summar			The state of the s		d has concrete cap. Some s	
Condition  Rating Good Level of Action  Description  Structure observed to exhibit very problems, superficial in nature. Mi to landform is present. Structure adequate to provide protection froi coastal storm with no damage. Act to prevent / limit future deterioration life of structure.		minor nor erosion / landform n a major tions taken	Priority Rating Action Description	None Long Term Planning Co No Inshore Structures o Units Present		
Structure Image 135-037-000-007-3 135-037-000-007-3 135-037-000-007-3	00-PHO3A.jpg 00-PHO3B.jpg	Stru	cture Documents			

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-037-000-007-400

				Key: community-map-block-parcel-structure
Property Owner:	r de 1948 destablische 1994 entderstabliske lever der der Gesche eine der erst. Her er der ein der geweite dies der der einstelle destablische der der der ein der einstelle der der der der der der der der der de	Location:	ce i amalikusala terrif deminisparjonal. Edon ardur salatsina jaminukung m <sub>en</sub> nyalahi <sub>na</sub> apadala	Date:
Private	The second secon	Wharf Ave.		8/18/2006
Presumed Structur	re Owner:	Based On Co	omment:	4
Unknown			**************************************	
Owner Name:		Farlingt Struct	cture Record:	Esternis I Branch and Control of the
	7	Lariest Struc	0	Estimated Reconstruction/Repair Cost: \$69,676.00
Feet Feet I Primary Type: Bulkhead/ Seawall Secondary Type: Structure Summan	Secondary Material:	FIRM Map Eleva  Feet NO  Primary Height: 5 to 10 Feet  Secondary Height  t inshore. Loss of	11 GVD ht:	high water. Minor fill loss inshore of wall.
Condition Rating Level of Action Description	B Good Minor Structure observed to exhibit very problems, superficial in nature. M to landform is present. Structure adequate to provide protection fro coastal storm with no damage. A to prevent / limit future deteriorate	inor erosion / landform m a major ctions taken	Priority Rating Action Description	I None Long Term Planning Considerations No Inshore Structures or Residential Dwelling Units Present
Structure Image 035-037-000-007-4 035-037-000-007-4 035-037-000-007-4	00-PHO4A.jpg 00-PHO4B.jpg	ucture Docume	nts:	

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-037-000-010-100

Property Owner:	the state of the s	Location:	and the second s	and the second s	Date:	
State		Nantasket B	each	The second second	8/1/2006	
Presumed Structur	e Owner:	Based On Comment:				
State	Const Const.	<b>DEP</b> – Ch 91	License		The state of the s	
Owner Name:		Earliest Struc	cture Record:	Ectimated	Reconstruction/Repair Cost:	
MA-DCR	/		2005	Lsumated	\$21,252.00	
Length: Top E	levation: FIRM Map Zone:	: FIRM Map Eleva	and a sur-opposite direction material state of detailed representation of the minimal properties and the state of the second s	pod Menikalaministanajanga - Aldicki viri kerdaptentenden akun dast dasta aung disi seksen older veri i to i Anteren eta diri er mildelek uman kitak in sidat antik kilaida iranden meta timaka akun uman kilaida iranden u	doma estando vide de como estando en esperante en 1800 de menero en estando en 1800 en en 1800 en 1800 en 1800 La como entra en en estando en 1800 e	
140	12 V		22			
Feet Feet N	IAVD 88	Feet NO	GVD			
Primary Type:	Primary Material:					
Bulkhead/ Seawall		Primary Height: 5 to 10 Feet	<del>*************************************</del>			
Secondary Type: Coastal Beach	Secondary Material: Sand	Secondary Heigl	ht:			
Structure Summary	te seawall with coastal beach outs			NESCHERAL PLANE		
Condition Rating Level of Action Description	B Good Minor Structure observed to exhibit very problems, superficial in nature. Not landform is present. Structure adequate to provide protection from the superficial in the superfici	Minor erosion re / landform rom a major	Priority Rating Action Description	High Value Inshore Si for Infrastructure Dam	wellings ( 1-10 dwellings	
	coastal storm with no damage. to prevent / limit future deterioral life of structure.					
Structure Image		ructure Docume	nts:	omeganin sidamilisti sidamilisti sidamilisti (sidamilisti (sidamilisti (sidamilisti (sidamilisti (sidamilisti ofinitri melakukut (sidamilisti (sidamilisti (sidamilisti (sidamilisti (sidamilisti (sidamilisti (sidamilisti		
035-037-000-010-1						
333-337-330-010-11	оо-т поль.јру					

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-037-000-010-200

Property Owner:	ikitikkun propinta kiran ni 1949 atti sistemis kiritik siin kiritik siita kiritik sistemis kan kan kan kan kan Kan kan kan kan kan kan kan kan kan kan k	Location:	1007 hahdhill Gr-ddalla (s.) 1449 hdr 1444 hadiisseudhdalla (s.) 1610 sa	Date:
State	3	Nantasket Beacl	n	8/1/2006
Presumed Structure	e Owner:	Based On Comm	~	
State		DEP - Ch 91 Lic	The state of the s	
Owner Name:		Earliest Structure	e Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	7		2005	\$625,416.00
Length: Top E	levation: FIRM Map Zone:	FIRM Map Elevation	kirjan kirin medjalangah dinengah jem tenghalinggi di heludah san bindah san bindah san dibendah pendidi pendi Mililan mengapitah dinengan pendidi didi pendingan bindah didi pendidi pendidi pendidi pendidi pendidi pendidi T	
2300	12 V4	22	2	
Feet Feet N	IAVD 88	Feet NGVD		
Primary Type:	Primary Material:	Primary Height:		
Bulkhead/ Seawall	20.14	5 to 10 Feet		
Secondary Type:	Secondary Material:	Secondary Height:		
Revetment	Stone	5 to 10 Feet	1	
Structure Summary	·			
Rating Level of Action Description	Good Minor Structure observed to exhibit ver problems, superficial in nature. Note to landform is present. Structure adequate to provide protection for coastal storm with no damage. A to prevent / limit future deteriorate	y minor Ninor erosion e / landform om a major Actions taken	Rating Action Description	High Priority  Consider for Next Project Construction Listing  High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate  Density Residential Dwellings (1-10 dwellings impacted / 100 feet of s horeline)
Structure Image 035-037-000-010-2 035-037-000-010-2	200-PHO2A.jpg	ructure Documents		

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-037-000-010-300

Property Owner:	lamed feeden han all an an 2014 decid habital habital metro. I melon di habital feeden feeden all men e e e e e e e e e e e e e e e e e e	Location:	er lagt konster ytenderskallar folgeligt og tilfendytigt of meller udfinderseten. Den ger en	ntervanament variat valat etalorezat hissaptantungunt variat variat etalorezat etalorezat hissaptant razang Date	tradratinistrinin hörröldelika talkenten hödi jar delekulua teman jarakasatabana rasuurjua, 8:
State		Nantasket Be	ach		8/2/2006
Presumed Structur	e Owner:	Based On Cor	mment:		
State		Property Own	nership		100 P. W. C.
Owner Name:		Earliest Struct	ture Decord:	Estimated Deceme	den edian (Danaia Casta
MA-DCR		Lariest Struct	0	Estimated Recons	struction/Repair Cost: \$32,030.00
Length: Top E	Elevation: FIRM Map Zone:	FIRM Map Elevat	to delicitish situ site and holder and reference and measurement plated the first delicities spec take the little time of mentil and mentil and the field the delicities to the time specific sees in the Tion:	T-kind-Mackey (* Yandris mainleassander) (State Gelan-America Spropriodistantista (Addistributabilitat Canalysis) (Addistribut	Size handsfured 64 & 25 th county growing a service was to the six years for a property and a service was a service with the county of the cou
211	12 V4		22		
Feet Feet N	NAVD 88	Feet NG	VD		4-
Primary Type:	Primary Material:	Primary Height:		a ga	170
Bulkhead/ Seawall		5 to 10 Feet			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Secondary Type:	Secondary Material:	Secondary Height	t:	<b>2</b> 40人的原始系统	
		, neigh		20 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Structure Summary	· ·	a			
	rete <b>seawa</b> ll with slight ta <b>per in</b> satis	sfactory condition.	Minor deterioration	of face and minor cracking	
Condition	В		Priority	IV	
Rating	Good		Rating	High Priority	
Level of Action	Minor		Action	Consider for Next Project Con	nstruction Listing
Description	Structure observed to exhibit very problems, superficial in nature. Mi to landform is present. Structure adequate to provide protection fro coastal storm with no damage. At to prevent / limit future deterioration life of structure.	inor erosion / landform m a major ctions taken	Description	High Value Inshore Structure for Infrastructure Damage an Density Residential Dwellings impacted / 100 feet of s horeli	d/or Moderate s ( 1-10 dwellings
Structure Image 035-037-000-010-3		ucture Documen	its:		
035-037-000-010-3	00-PHO3B.jpg				
		,			

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-037-000-010-400

						Key: community-map-block-parcel-s	structur
Property Ov	wner:		entralisativis, tappates in a presidente entralis entrali	Location:	ne Mai koolinissa kirikkeen eli 1880 milloonida oo koolika pilaasta diinkkeela Akka Akka Akka	Date:	* - /
State				Nantasket E	Beach	8,	/2/200
Presumed S	Structure C	)wner:		Based On Co	omment:		
State				Property Ownership  Earliest Structure Record:			a Wary)
Owner Nam	ne:					Estimated Reconstruction/Repair	r Cost:
MA-DCR			,		0		044.00
Length:	Top Elev		FIRM Map Zone:	FIRM Map Elev	ation:	*** OPEN STATE OF THE PROPERTY	
580		12	V4		22	A	
Feet	Feet NAV	/D 88		Feet N	GVD	1	
Primary Typ	A C C C C C C C C C C C C C C C C C C C		nary Material:	Primary Height:			
Bulkhead/ S			ncrete	5 to 10 Feet			
Secondary <sup>-</sup>	Туре:	Seco	ondary Material:	Secondary Heig	ht:		
Structure Su			2: -	<u> </u>		on with wall. Minor deterioration at joints. Som	
corrosion st  Condition  Rating	В				Priority Rating	IV High Priority	
Level of A		linor			Action	Consider for Next Project Construction Listi	ing
Description	pi to ac co to	roblems, so landform dequate to pastal stor	oserved to exhibit very uperficial in nature. Min is present. Structure oprovide protection from with no damage. Achimit future deterioration ure.	nor erosion / landform m a major ctions taken	Description	High Value Inshore Structures with Potentia for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellin impacted / 100 feet of shoreline)	
Structure 1	0-010-400-		g	cture Docume	ents:		
035-037-000	O-010-400-	PHO4B.jp	g —				

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-038-000-060-100

Property Owner:		and the second second second second	Location:		recommended in process assume the contraction of th	Date:
State	3-		Washington	Blvd.		8/18/2006
Presumed Structur	re Owner:		Based On Co	omment.		,
State		The second second	Property Ov			The same of the sa
	·		Trioperty Ov	Wiership		
Owner Name: MA-DCR			Earliest Stru	cture Record:	Estimated	Reconstruction/Repair Cost:
IMA-DCK	Z	/		0		\$277,237.00
Length: Top E	Elevation:	FIRM Map Zone:	FIRM Map Eleva	74-Visitatiois de de la compressión de La compressión de la compressión de la La compressión de la	til hettikkeydeksi. 1909-1900 (homokopis vatiski kostrala västik varda spikala siiki kostrala kateta riih riih Ameritaksi, Kisti puna kistiken njäläse paalamaatala lääliminessa kurt on pittemiäliseideteri kassaalidet	and think distinguishing the spid-to-life grain tained defected grain and to get a second second second second All thinks and the spid-to-life and the spid-to-life and the second second second second second second second
2308						
Feet Feet N	NAVD 88	F	Feet No	GVD		A-
Primary Type:	Primar	ry Material:	Primary Height:			
Revetment	Stone	the same of the sa	5 to 10 Feet	·	and one that	STANCE OF THE PARTY OF THE PART
Secondary Type:	Second	lary Material:	Secondary Heig	ht·	10000000000000000000000000000000000000	THE REAL PROPERTY.
	50000	ary muccha,	Secondary neig	II Fi.a		
Structure Summary			ji			
		h 100 to 500 lb. ctor	o Como locco ar	od incepted stone. C	lope appeared to toe into	
Rating Level of Action Description	problems, sup to landform is adequate to procoastal storm	erved to exhibit very erficial in nature. Min present. Structure rovide protection fror with no damage. Ac nit future deteriorations.	nor erosion / landform n a major tions taken	Rating Action Description	Moderate Priority Consider for Active F Listing Inshore Structures w Infrastructure Damaç Residential Dwellings 100 feet of shoreline	ith potential for ge and/or Limited s ( <1 dwelling impacted /
Structure Image		Stru	cture Docume	ents:		
035-038-000-060-1						
	00-PHO1B.jpg	<u>.                                  </u>				
035-038-000-060-1 035-038-000-060-1						

#### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-051-000-034-100

Property Owner:	K.E.B.B.C. (Str. 1912) A.C.B.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.	ini arkitek (SAP) – 1569 (Steet Shalla), melkinikaan erikkir erher diresminatus ereptek, est vorte k	ratt in this property and the second	akita tarihi siting mekupata tadakan pulu-yangan yaki pe	a the field with the field of the Mary Life Life Life Land Land Land (Land Land Land Land Land Land Land Land	de allemente esta esta esta esta esta esta esta es
Local	the second second	American and programmer and	Locatio	the state of the s		Date:
Local			Atlantic A	ave.		8/1/2006
Presumed Structur	re Owner:		Based Or	Comment:		
Local						
Owner Name:			Earliest S	tructure Record:		Estimated Reconstruction/Repair Cost:
Hull		/			0	\$6,224.00
ength: Top E	levation:	FIRM Map Zone:	FIRM Map E	enation:	eCorp ; "eColor) in pre-kompressor—eAnder Orlock berendels websited and detail and detail and detail and detail For Cord War fact, in the control end on encyclosers in the control encounterer was a silling through the detail encounterer was a sil	eddiddiddiddin y 1900 digiddigidgidgidgid y byr y Chafar heddiddiddiddin yn y chafar y chafar y y y wy y 1900 y 19
41	14	V4		20	1	
Feet Feet N	NAVD 88		Feet	NGVD	-	
Primary Type:	Prin	nary Material:	Primary Heig	ıht:		
Bulkhead/ Seawall		ncrete	5 to 10 Feet			
Secondary Type:	Seco	ndary Material:	Secondary H			
		rider) Fracerian	Jecondary II	cigric.	Sev in -	
Structure Summan			<b>31</b>		THE SHEET SHEET	
Condition Rating	Good			Priority Rating	IV High Priority	
Level of Action	Minor			Action		r Next Project Construction Listing
Description	problems, s to landform adequate to coastal store	pserved to exhibit very uperficial in nature. Mi is present. Structure provide protection from with no damage. At limit future deteriorationre.	nor erosion / landform m a major ctions taken	Descripti	for Infrastru Density Res	Inshore Structures with Potential cture Damage and/or Moderate sidential <b>Dwelli</b> ngs (1-10 dwellings 100 feet of s horeline)
tructure Image			ıcture Docur			
35-051-000-034-1			VN OF HULL		STONY BEACH	035-051-000-034-100-TWN1A
35-051-000-034-1	00-PHO1B.jp		NOWN	APR 12 199	EXISTING	035-051-000-034-100-TWN1B
		UNK	NOWN	APR 12 199	REPAIR AREA	035-051-000-034-100-TWN1C

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-051-000-038-100

Local Presumed Structure Own Local Owner Name: Hull Length: Top Elevatio 438 1 Feet Feet NAVD 8		Atlantic Ave.  Based On Co  USACE – Per  Earliest Struc	omment: rmits cture Record:		Date: 8/1/2000
Dwner Name: Hull  ength: Top Elevation  438		USACE – Per	rmits cture Record:		
Owner Name: Hull  ength: Top Elevatio  438	n: FIRM Map Zone:		ture Record:		
Hull  ength: Top Elevatio  438	n: FIRM Map Zone:	Earliest Struc			
Hull  ength: Top Elevatio  438	n: FIRM Map Zone:	Larrest Struc			Estimated Deconstruction/Density Co
438 1	n: FIRM Map Zone:		199		Estimated Reconstruction/Repair Cost: \$66,488.00
438 1	n: FIRM Map Zone:	er melle fildelt i stillet delekter anterken, komunis filde 160 bildet i stillet de sette, millet de Des en felskander i selen frakssenn i nag se primperate aanteer manistremen is, gebyn i styr Des en felskander i selen frakssenn i nag se primperate aanteer manistremen is, gebyn i styr	r et récrisé lingüés pour l'héré a inicatalistica amais r <u>inductiv</u> a ha l'anniel andré amazonat de la ballation attendie que d'alla	deldet 2005ko fölklandstronadetasion och fill förvalt avisa och et 1000ko fillstatust avistabate sammet. Betallet 2005ko fölklandstronadetasion och och til fölklandstrona samtillen samtillen samtillen och och och och	disprings in the State of Stat
	4 V4	FIRM Map Eleva			
reet reet NAVD c			20		
	8	Feet NG	SVD		to the same of the
Primary Type:	Primary Material:	Primary Height:			
Bulkhead/ Seawall	Concrete	5 to 10 Feet			
Secondary Type:	Secondary Material:	Secondary Heigh	nt:		
Coastal Beach	Sand				
Structure Summary :					SSPORT THE
op. Coastai beach (sand	i) outshore of wall. Wall top	is 30 inches wide.	One way roa	ad directly behind sea	wall (4 feet high) with wave break wall. Inshore face of wall is 4 feet
	grout loss and small voids at	base.			
Condition B Rating Good	1		Priority	IV	
Rating Good Level of Action Minor			Rating	High Priority	
	ture observed to exhibit very	minor	Action  Descripti		r Next Project Construction Listing Inshore Structures with Potential
problem for the problem for th	ems, superficial in nature. Mi dform is present. Structure uate to provide protection froi al storm with no damage. Ac event / limit future deteriorations structure.	nor erosion / landform m a major ctions taken	Descripti	for Infrastru Density Res	instrict detailes with oterital curve Damage and/or Moderate sidential Dwellings (1-10 dwellings 100 feet of s horeline)
ructure Images:	- Therman Michigan and Australia and Austral	icture Docume	nts:	ere in die der der Alle State von der State de	
5-051-000-038-100-PH			UN 15 1979	STONY BEACH	035-051-000-038-100-TWN1A
35-051-000-038-100-PH			PR 12 199	EXISTING	035-051-000-038-100-TWN1B
			PR 12 199	REPAIR AREA	035-051-000-038-100-TWN1C
	USA		PR 12 199	STONEY BEACH	035-051-000-038-100-COE1A.pdf

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-052-000-002-100

Key: community-map-block-parcel-structure

Property Owner:	The state of the s	Location	1	Date:			
State		Gun Rock			8/1/200		
Presumed Structu	re Owner:	Based On	Based On Comment:				
State			DEP – Ch 91 License				
Owner Nemes		J.					
Owner Name: Hull		Earliest St	ructure Record: 192		mated Reconstruction/Repair Cost: \$625,680.00		
	nie o samel na modernie ou o national adequente suspense estado e sos de societados civiles co percionales acrisos escandos	Soffisi 25 Auto-1			\$023,000.00		
Length: Top	Elevation: FIRM Map Zor	ne: FIRM Map Ele	evation:	menostringsvermministering in distributed representative of other individuals believe that and all contents of the distributed			
400	10	V4	20				
Feet Feet	NAVD 88	Feet	NGVD				
Primary Type:	Primary Material:	Primary Heigl	nt:				
Breakwater	Stone	10 to 15 Fee	t				
Secondary Type:	Secondary Material:	Secondary He	eight:				
Structure Summa	ry:						
Breakwater (offsh	nore). Average stone size is 1 to	3 tons. Northern h	alf of structure t	oppled and lower than m	nean high water.		
Condition	С		Dui anita	III			
Rating	Fair		Priority Rating	Moderate Prior	rity		
Level of Action	Moderate		Action		Consider for Active Project Improvement		
Description	Structure is sound but may ex			Listing			
	deterioration, section loss, cra undermining, and/or scour. St to withstand major coastal sto moderate damage. Actions ta structure to provide full protec coastal storm and for extendir structure. Moderate wind or v landform exists. Landform ma to fully protect shoreline durin storm. Actions taken to provio material for full protection and	ructure adequate rm with little to ken to reinforce tion from major ng life of vave damage to y not be sufficient g a major coastal e addition	Descripti	Infrastructure I	ures with potential for Damage and/or Limited vellings ( <1 dwelling impacted / oreline)		
Structure Imag		Structure Docur	ments:	der Mei, der die Belle der Weiter der der der generatiere der Geschliche der generatiere der geschliche der de Der der der der der der der der der der d			
		Structure Docur	ments:	PROPOSED SHORE	035-052-000-002-100-DCR1A		
	-100-PHO1A.jpg			PROPOSED SHORE	035-052-000-002-100-DCR1A 035-052-000-002-100-DCR1B		
	100-PHO1A.jpg	MA DPW	APRIL 190		<u> </u>		
Structure Imag 035-052-000-002-	-100-PHO1A.jpg	MA DPW	APRIL 190 JUNE 1940	PROPOSED	035-052-000-002-100-DCR1B		
	-100-PHO1A.jpg	MA DPW MA DPW Commission on	APRIL 190 JUNE 1940 AUG 1928	PROPOSED PROPOSED	035-052-000-002-100-DCR1B 035-052-000-004-100-DCR1C		
	-100-PHO1A.jpg	MA DPW MA DPW Commission on Commission on	APRIL 190 JUNE 1940 AUG 1928 JUNE 1917	PROPOSED PROPOSED BREAKWATER	035-052-000-002-100-DCR1B 035-052-000-004-100-DCR1C 035-052-000-004-100-DCR1D		
	-100-PHO1A.jpg	MA DPW MA DPW Commission on Commission on	APRIL 190 JUNE 1940 AUG 1928 JUNE 1917 JUNE 1923	PROPOSED PROPOSED BREAKWATER PROPOSED	035-052-000-002-100-DCR1B 035-052-000-004-100-DCR1C 035-052-000-004-100-DCR1D 035-052-000-004-100-DCR1E		
	-100-PHO1A.jpg	MA DPW MA DPW Commission on Commission on Commission on DEP CH.91	APRIL 190 JUNE 1940 AUG 1928 JUNE 1917 JUNE 1923 JUNE 1923	PROPOSED PROPOSED BREAKWATER PROPOSED PROPOSED	035-052-000-002-100-DCR1B 035-052-000-004-100-DCR1C 035-052-000-004-100-DCR1D 035-052-000-004-100-DCR1E 035-052-000-002-100-LIC1A.pdf		

TOWN OF HULL

USACE

OCT 4 1989

JUN 1960

SITE PLAN &

PROPOSED

035-052-000-002-100-TWN1D

035-052-000-002-100-COE1A.pdf

**Structure Assessment Form** 

Town: **Hull**Structure ID: 035-052-000-002-100

Key: community-map-block-parcel-structure

USACE

1985

GUN ROCK

035-052-000-002-100-COE1B.pdf

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-052-000-069-100

Property Owner:			Location:		Date:			
Local	14, 14, 14, 14, 14, 14, 14, 14, 14, 14,		Crescent Beach			8/1/2006		
Presumed Structu	re Owner:		Based On Comment:					
Local			DEP - Ch 91 License					
Owner Name:			Earliest Str	mated Reconstruction/Repair Cost:				
Hull		/	Larilest Str	1962	Esu	\$410,619.00		
engen en e	e e e e e e e e e e e e e e e e e e e	Polició Sente es de Vericio de Casar Con Polició de Polició de Casar Con	The second state of the second	isagan "sani pilu, yapu hali valiz valiz valiz sani pasaa andadi bahitan <u>adi</u> aaa asan igibugawa usubawa andadi bahitan da sani sani pilugawa usubawa andadi bahitan da sani sani pilugawa usubawa andadi bahitan da sani sani pilugawa andadi da sani sani sani pilugawa andadi da sani sani sani sani sani sani sani san	The second section of the second section section section sections and the second section secti	Bata da Bata d Bata da Bata d		
		M Map Zone:	FIRM Map Elev		100	The state of the s		
541 Fact	10	V4	F	20				
Feet Feet	NAVD 88		Feet N	NGVD				
Primary Type:	Primary Mat	erial:	Primary Heigh	t:				
Bulkhead/ Seawal	,		5 to 10 Feet					
Secondary Type:	Secondary M	aterial:	Secondary Hei	ight:				
						K. W.		
Structure Summar	The state of the s					reaks. Dumped riprap (500 to		
Level of Action Description	Structure is sound be deterioration, section undermining, and/or to withstand major or moderate damage. A structure to provide coastal storm and for structure. Moderate landform exists. Landform exists.	n loss, cracking scour. Structur coastal storm with Actions taken to full protection for extending life wind or wave of the different may not be line during a merce of the structure of the stru	g, spalling, re adequate ith little to o reinforce rom major of damage to be sufficient ajor coastal	Action Description	High Value Ins for Infrastructu Density Reside	ext Project Construction Listing hore Structures with Potential re Damage and/or Moderate ential Dwellings (1-10 dwellings l feet of s horeline)		
	storm. Actions taker material for full prote							
Structure Imag	storm. Actions taker material for full prote	ection and exter		nents:	endernamingen, od nerk gatt mårkaladadad ställelende fikker se til det skriver som for skriver som for skriver Hellende i delse fikker en hand skrive til de skriver kall delse fikker skriver skriver skriver skriver skrive			
	storm. Actions taker material for full prote	ection and exter	cture Docum		ROPOSED SHORE	035-052-000-069-100-DCR1A		
35-052-000-069-	storm. Actions taker material for full prote	ection and exter	cture Docum	SEPT 1961 PF	ROPOSED SHORE	035-052-000-069-100-DCR1A 035-052-000-069-100-DCR1A		
35-052-000-069- 35-052-000-069-	storm. Actions taker material for full protesting for full protest	Struc	cture Docum	SEPT 1961 PF				
Structure Imag 035-052-000-069- 035-052-000-069- 035-052-000-069-	storm. Actions taker material for full protesting for full protest	Struc MA D	cture Docum	SEPT 1961	ROPOSED STONE	035-052-000-069-100-DCR1A		
35-052-000-069- 35-052-000-069-	storm. Actions taker material for full protesting for full protest	Struc MA D MA D	cture Docum PPW PPW	SEPT 1961	ROPOSED STONE ROPOSED SHORE	035-052-000-069-100-DCR1A 035-052-000-069-100-DCR1A		
35-052-000-069- 35-052-000-069-	storm. Actions taker material for full protesting for full protest	Struc MA D MA D MA D MA D	cture Docum DPW DPW DPW	SEPT 1961	ROPOSED STONE ROPOSED SHORE ROPOSED SHORE	035-052-000-069-100-DCR1A  035-052-000-069-100-DCR1A  035-052-000-069-100-TWN1A		
35-052-000-069- 35-052-000-069-	storm. Actions taker material for full protesting for full protest	Struc MA D MA D MA D MA D MA D	cture Docum DPW DPW DPW DPW	SEPT 1961	ROPOSED STONE ROPOSED SHORE ROPOSED STONE	035-052-000-069-100-DCR1A 035-052-000-069-100-DCR1A 035-052-000-069-100-TWN1A 035-052-000-069-100-TWN1B		

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-052-000-075-100

Property Owner:		h van Marketta an eksikke it kulpungen - dan disan eksir in har hari bida et it saan satu in hendi bin in haki Kanada satu in kulpungen - dan disan eksir in hari hari bida et it saan satu in hendi bin in haki bida et in h	Location:	in 7 m 1974 to 7 m 1974 "I Politic Schempfenglein with Paul Am-Arthreche-sist secondaring estimation	n-to-re-to-the thinking interface in the control of	Samue Artificial language of the Artificial Artificial Information (Artificial
Local		7 - 2	Atlantic Ave.	Atlantic Ave.		8/1/2006
Presumed Structure	e Owner:		Based On Com	ment:	,	
Local			Property Ownership  Earliest Structure Record:			
Owner Name:					Estimated Reconst	ruction/Repair Cost:
Hull		/		0		\$23,833.00
ength: Top E	levation:	FIRM Map Zone:	FIRM Map Elevation	nchristh waren isonal has thin his una assandancia, kungen Lin, un'il ghir has phatabasa bababasa Aliph makeum melai saanda tataa ishataa ishataa tahun jumu emmusir melainansi sintafancia ha DNT:	Allow Fallow The Code Code Code Code Code Code Code Cod	
157	12	V4		20		1
Feet Feet N	IAVD 88	65	Feet NGV	D		1 455
Primary Type:		nary Material:	Primary Height:			
Bulkhead/ Seawall	Sto	ne	5 to 10 Feet			
Secondary Type:	Seco	ndary Material:	Secondary Height:			A STATE OF THE STA
Structure Summary						
owne masoniy wa	ii at edge or i	oad in satisfactory con	altion. Railing in po	or condition and i	not suitable for edge of road.	
Con liti	В					
Condition Rating	Good			Priority	IV High Priority	
Level of Action	Minor			Rating Action	Consider for Next Project Con	struction Listina
Description	problems, s to landform adequate to coastal stor	oserved to exhibit very uperficial in nature. Mir is present. Structure provide protection from with no damage. Aclimit future deteriorationure.	nor erosion / landform m a major tions taken	Description	High Value Inshore Structures for Infrastructure Damage and Density Residential Dwellings impacted / 100 feet of shoreling	d/or Moderate ( 1-10 dwellings
tructure Image			cture Document	s:		
30-032-000-073-11	оо-гпота.јр	9				
			*			

#### **Structure Assessment Form**

Town: Hull

Structure ID: 035-053-000-042-100

Key: community-map-block-parcel-structure

Property Owner:			Locatio	n:	ummunganyanungkhi (kupiki) (kupiki) ki Yandi (h. dili dilikusi Yalini (h. disaki) negalakani kepit (h. dili dilidididi.	Date:
Local			Crescent	Beach		8/1/2006
Presumed Structur	e Owner:		Based Or	Comment:		g .
Locai				n 91 License		And the second s
Owner Name:			J Earlingt C	trustum Doseud.	-	timeled Deve 1 12 (Deve 1 0 1
Hull			Earliest S	tructure Record:		stimated Reconstruction/Repair Cost: \$1,440,780.00
		er hall trimbleddissennings darmen sterker blede har hall to be the control of the second section of the second	The second secon	Marianne riente armer man en Les samenings aus des gar	MCC-) 4400 halfa halfa marinera en se rafasidos de Galeia historia al dos estados escentados tendros la Joseph	
The second second	levation:	FIRM Map Zone:	FIRM Map E			
708	10	V4		25		
Feet Feet N	NAVD 88		Fee	t NGVD		
Primary <b>Ty</b> pe:		mary Material:	Primary Heig	ght:	articles Ar	
Bulkhead/ Seawall	Co	ncrete	10 to 15 Fee	et		
Secondary Type:	The same of the sa	ondary Material:	Secondary H			The state of the s
Revetment	Sto	one	10 to 15 Fee	et		
Structure Summary						
3' wide concrete se	eawall in sati	sfactory condition. Place	ced rip rap slop	pe @ 1 on 1 in fr	ont. Average stone size	e is 1-2 ton. Toe of rip rap has
n the construction	joints. The	grouted, although grou e is also overwash prob	olems with land	ınu prea <b>kıng rip r</b> dward ballast dui	ap top about 3' below to ing nor-easters.	op of wall. The seawall has cracks
Condition	С			Priority	IV	
Rating	Fair			Rating	High Priority	
Level of Action	Moderate			Action		Next Project Construction Listing
Description		sound but may exhibit		Descript	ion High Value In	nshore Structures with Potential ture Damage and/or Moderate
	to withstan moderate of structure to coastal sto structure. I landform ex to fully prot storm. Acti	g, and/or scour. Structed major coastal storm valamage. Actions taken provide full protection mand for extending life Woderate wind or wave dists. Landform may no ect shoreline during a mons taken to provide adfull protection and exte	vith little to to reinforce from major e of damage to t be sufficient najor coastal dition			dential Dwellings ( 1-10 dwellings 00 feet of s horeline)
<b>tructure</b> Image 35-053-000-042-1			octure Docu		IDDO DO GO	
JJ-00J-000-042-1	OU-FILOTA.J		DPW	JUNE 1939	PROPOSED	035-053-000-042-100-DCR1A
		MAI		SEPT 1940	PROPOSED	035-053-000-042-100-DCR1B
			DPW	NOV 1941	PROPOSED RIP	035-053-000-042-100-DCR1C
		<u> </u>	DPW	MAY 1946	PROPOSED	035-053-000-042-100-DCR1D
			DPW	FEB 1955	PROPOSED SHORE	
		MA		SEPT 1959	PROPOSED SHORE	035-053-000-042-100-DCR1F
		Com	miccion on	OCT 1020	GUN ROCK TO	USE UES UUU UNS 100 DCD1C
		MA I	DPW	SEPT 1961	PROPOSED SHORE	035-053-000-042-100-DCR1H
		MA [	DPW	OCT 1962	PROPOSED STONE	035-053-000-042-100-DCR1I
( ) A s MM FO How Mile See	Talatan etc etcelon in review chapter experience in	MA [	)PW	MAY 1966	PROPOSED SHORE	035-053-000-042-100-DCR1J

JUNE 8 198 PLAN

DEP CH.91

035-053-000-042-100-LIC1A.pdf

#### **Structure Assessment Form**

Town: | Hull | Structure ID: | 035-053-000-042-100

MA DPW	SEP 1940	PROPOSED	035-053-000-042-100-TWN1A
MA DPW	OCT 1932	PROPOSED	035-053-000-042-100-TWN1B
MA DPW		PROPOSED SEA	035-053-000-042-100-TWN1C
MA DPW	JUN 1939	PROPOSED	035-053-000-042-100-TWN1D
MA DPW	NOV 1941	PROPOSED RIP	035-053-000-042-100-TWN1E
MA DPW	MAY 1946	PROPOSED	035-053-000-042-100-TWN1F
MA DDIA/	CCD 4055	PROPOSED SHORE	025 052 000 042 400 TM/N4C
MA DPW	SEP 1959	PROPOSED SHORE	035-053-000-042-100-TWN1H
MA DPW	SEP 1961	PROPOSED SHORE	035-053-000-042-100-TWN1I
MA DPW	OCT 1962	PROPOSED STONE	035-053-000-042-100-TWN1J
MA DPW	MAY 1966	PROPOSED SHORE	035-053-000-042-100-TWN1K
TOWN OF HULL	JUN 15 1979	CRESCENT BEACH	035-053-000-042-100-TWN1L
TOWN OF HULL	OCT 3 1989	SITE PLAN AND	035-053-000-042-100-TWN1M
		GUN ROCK	
USACE	MAY 1966	PROPOSED SHORE	035-053-000-042-100-COE1B.pdf

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-053-000-042-200

and the second s			Location:	erret franklandstrondstrondstrone var gebruikte van dersket daar de seen van de seen van de seen van de seen v	Date:	bridget-up-trisk-histophiese to pro-
Local			Crescent Beach	1		8/1/2006
Presumed Structu	re Owner:		Based On Com	ment:	9	
Local		ye + 5 - 90 kg 200 e - 200 e	Property Owne	rship		The second second second
Owner Name:			Earliest Structu	re Record:	Estimated Reconstr	uction/Papair Coct
Hull		7		0	Listinated Records	\$533,170.00
ength: Top I	Elevation:	FIRM Map Zone:	FIRM Map Elevation	rendades redades a later, på popular fil hå hå fill datellockenske sentra efter bryd est presentelsen riddere skepe, versør a Palachina kankanske sepera militar DNT:	MOT FOR ARTHUR (AND ARTHUR IN 1997) AND FOUNDAIL ARTHUR BY ARTHUR ARTHUR BY	Deglaces Action Visit (Action Control of Con
262	10	V4	2	5		
Feet Feet I	NAVD 88	.05.	Feet NGV	O	140	
Primary Type:	Prim	ary Material:	Primary Height:			
Bulkhead/ Seawal	Cond	crete	10 to 15 Feet			
Secondary Type:	Secor	ndary Material:	Secondary Height:			
Revetment	Ston	and the second second second				
tructure Summar	٧.					
op about 3 feet b nor-easters. Condition Rating	elow wall top.  C Fair	rne seawall has cra	cks in the constructio	n joints. There is  Priority	p wall. Rip rap grouted, although of also overwash problems with land	ward ballast dring
_	Moderate			Rating	High Priority	
Level of Action  Description		sound but may exhib	it minor	Action  Description	Consider for Next Project Cons High Value Inshore Structures	
	to withstand moderate da structure to p coastal storm structure. Me landform exist to fully protection. Action	, and/or scour. Struct major coastal storm mage. Actions taken provide full protection in and for extending lit oderate wind or wave sts. Landform may no ct shoreline during a ns taken to provide ac ull protection and ext	with little to to reinforce from major fe of damage to by be sufficient major coastal ddition		for Infrastructure Damage and/ Density Residential Dwellings ( impacted / 100 feet of s horeling	1-10 dwellings
	es:	Str	ucture Document			

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-054-000-020-100

Property Owner:	delen til skrift och det still de ste det til skrift skall til skrift sk	Location:	haanalusi 1985 oo uh oo uh 19 shiin dhaaqaadada iyo haanalahaayi sahaayi sahaayi sahaayi sahaa	Da	ite:
Private	23 % 100 (1994)	Green Hill			8/1/2006
Presumed Structur	e Owner:	Based On Cor	mment:	•	
Unknown					
Owner Name:		* Earliest Struct	ture Record:	Estimated Recor	nstruction/Repair Cost:
	7		0		\$382,536.00
the same of the sa	levation: FIRM Map Zone:	FIRM Map Elevat	ne bereidelse besone kusk i stolet dest trektablikke getrup (1,00,100,100,100) en rekenne kominerke kunster dans de konderande kultik uit (1,000,100,100) tion:	rom when help helpholished help helpholished her helpholished be and helpholished with a discontinuous production of the helpholished her help	
252	14 V4		20		ATTINITION OF THE
Feet Feet N	IAVD 88	Feet NG	VD		
Primary Type:	Primary Material:	Primary Height:			
Bulkhead/ Seawall	Concrete	5 to 10 Feet			
Secondary Type:	Secondary Material:	Secondary Heigh	t:		
Structure Summary					
Material loss benin	seawall in poor condition. Broken fi d wall. There is some areas above	or <b>approx</b> imately ha the wall <b>where</b> the	alf of length with so slopes have failed.	evere spalling. Concrete seawa	ill ends at ledge.
Condition	D		Priority	III	
Rating	Poor Major		Rating	Moderate Priority	
Level of Action Description	Structure exhibits advanced levels	of	Action	Consider for Active Project Listing	Improvement
Description	deterioration, section loss, crackin undermining, and/or scour. Struct strong risk of significant damage a failure during a major coastal storr should be monitored until repairs/reconstruction can be initia taken to reconstruct structure to recapacity to resist a major coastal standform eroded, stability threater Landform not adequate to provide during major coastal storm. Action recreate landform to adequate limit protection from a major coastal storm.	g, spalling, ture has and possible m. Structure ated. Actions egain full storm. ned. protection is taken to	Description	Inshore Structures with pote Infrastructure Damage and/ Residential Dwellings ( <1 o 100 feet of shoreline)	or Limited
Structure Image 035-054-000-020-1 035-054-000-020-1	00-PHO1A.jpg	octure Documen	nts:		

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-054-000-022-100

Property Owner:	177	Location:	hiden I distribusi i i illinde og program + Sundako "Andidisiska higigingapa, kan unda Sipidakadi, kilabusunko."	n-Yr-d-In-ko-serteranulunden urmaten, naturaten bigun, fugi tanpri,	Date:
Local		Green Hill			8/1/20
Presumed Structur	re Owner:	Based On C	omment:		3/1/20
Local		DEP - Ch 91		Carried States and Carried State	The second secon
Owner Name:					
Hull	7	Earliest Stru	cture Record: 1858	Es	stimated Reconstruction/Repair Cos \$22,472.0
	e de la companya de l	a mener är virkker hälle sid som kommer som kan som kan som kommer som kommer som kommer som kommer som kommer Kan fram krynner som kommer som k	mundalassa and de servicio de la companya del la companya de la companya del la companya de la c	AND parties achieved by D. D. D. Scholer (1984) and a blassed does also be able to the discussion and a section of the control	ti organis sa sa kanan kan Kanan kanan ka
ength: Top E	Elevation: FIRM Map	Company of the Compan	4 - 4		
	NAVD 88	V4	20		
		Feet N		AND THE PARTY OF	
Primary Type: Bulkhead/ Seawall	Primary Material:  Concrete	Primary Height: Under 5 Feet			The state of the s
Secondary Type:	Secondary Materia		ht·		
	Jessinally Hateria	Secondary Field	11.		<b>表示</b> 字编译:
Structure Summan	y:				
Condition Rating Level of Action Description	B Good Minor Structure observed to exh problems, superficial in na to landform is present. S adequate to provide prote coastal storm with no dam to prevent / limit future de life of structure.	ature. Minor erosion tructure / landform ction from a major rage. Actions taken	Priority Rating Action  Description	Listing Inshore Struc Infrastructure	Active Project Improvement tures with potential for Damage and/or Limited wellings ( <1 dwelling impacted /
tructure Image 35-054-000-022-1			OCT 1957 PRO	POSED	035-054-000-022-100-DCR1A 035-054-000-022-100-TWN1A

#### **Structure Assessment Form**

Town: Hull
Structure ID: 035-054-000-028-100

Key: community-map-block-parcel-structure Property Owner: Location: Date: Local Crescent Beach 8/1/2006 Presumed Structure Owner: Based On Comment: Local DCR - Contract Drawings Owner Name: Earliest Structure Record: Estimated Reconstruction/Repair Cost: Hull \$16,896.00 Length: Top Elevation: FIRM Map Zone: FIRM Map Elevation: 200 V4 Feet Feet NAVD 88 Feet NGVD Primary Height: Primary Type: Primary Material: Bulkhead/ Seawall Concrete **Under** 5 Feet Secondary Type: Secondary Material: Secondary Height: Structure Summary: Concrete seawall less than 5' high located at base of earth slope. 3' to 0" wide at cap and in satisfactory condition. No revetment found as part of this structure. В Condition IV Priority Good Rating High Priority Rating Level of Action Minor Consider for Next Project Construction Listing Action Structure observed to exhibit very minor Description High Value Inshore Structures with Potential Description problems, superficial in nature. Minor erosion for Infrastructure Damage and/or Moderate to landform is present. Structure / landform Density Residential Dwellings (1-10 dwellings adequate to provide protection from a major impacted / 100 feet of shoreline) coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure. Structure Images: Structure Documents: 035-054-000-028-100-PHO1A.jpg MA DPW NOV 1945 PROPOSED 035-054-000-028-100-DCR1A MA DPW JUNE 1956 PROPOSED SEA 035-054-000-028-100-DCR1B MA DPW NOV 1945 PROPOSED 035-054-000-028-100-TWN1A MA DPW JUN 1956 PROPOSED SEA 035-054-000-028-100-TWN1B

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-054-000-042-100

Property Owner:	Location:	Date:
State	Seal Rock	8/1/200
Presumed Structure Owner:	Based On Comment:	,
Federal	DEP - Ch 91 License	
Ourney News		
Owner Name: Federal	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
	1958	\$0.00
ength: Top Elevation: FIRM	Map Zone: FIRM Map Elevation:	
709 9	V4 20	
Feet Feet NAVD 88	Feet NGVD	
Primary Type: Primary Mater	ial: Primary Height:	
Breakwater Stone	Over 15 Feet	
Secondary Type: Secondary Mat	erial: Secondary Height:	The state of the s
		The same of the sa
tructure Summary :		
reakwater offshore		
	Structure Documents:	
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI	
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI  MA DPW APRIL 1958 PROPOSEI	
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI  MA DPW APRIL 1958 PROPOSEI  MA DPW MAY 1966 PROPOSEI	D STONE 035-054-000-042-100-DCR1B
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI  MA DPW APRIL 1958 PROPOSEI	O STONE   035-054-000-042-100-DCR1B   035-054-000-042-100-DCR1C
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI MA DPW APRIL 1958 PROPOSEI MA DPW MAY 1966 PROPOSEI	O STONE   035-054-000-042-100-DCR1B   035-054-000-042-100-DCR1C   035-054-000-042-100-TWN1A
5-054-000-042-100-PHO1A.jpg	MA DPW FEB 1955 PROPOSEI  MA DPW APRIL 1958 PROPOSEI  MA DPW MAY 1966 PROPOSEI  MA DPW APR 1958 PROPOSEI	O STONE   035-054-000-042-100-DCR1B   D SHORE   035-054-000-042-100-DCR1C   O STONE   035-054-000-042-100-TWN1A   D SHORE   035-054-000-042-100-TWN1B
tructure Images: 35-054-000-042-100-PHO1A.jpg 35-054-000-042-100-PHO1B.jpg	MA DPW FEB 1955 PROPOSEI  MA DPW APRIL 1958 PROPOSEI  MA DPW MAY 1966 PROPOSEI  MA DPW APR 1958 PROPOSEI  MA DPW MAY 1966 PROPOSEI	O STONE   035-054-000-042-100-DCR1B   D SHORE   035-054-000-042-100-DCR1C   035-054-000-042-100-TWN1A   D SHORE   035-054-000-042-100-TWN1B   035-054-000-042-100-TWN1C

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-056-000-030-100

Property Owner:	attilorida of the chilliphotic are discount and analy and anticolorida of the children of the		in Chrosin sites has galled the orthogonal amenda in terminal and international deficiency of the states and an	a Standarder (Mary Constitution Constitution Constitution and Constitution Constitu
Local	And the second s	Location: Stony Beach		Date:
				8/3/2000
Presumed Structur	e Owner:	Based On Co		
_ocal		Property Ow	rnership	
Owner Name:	the state of the s	Earliest Struc	cture Record:	Estimated Reconstruction/Repair Cost:
Hull	7		0	\$217,240.00
ength: Top E	levation: FIRM Map Zone:	FIRM Map Eleva	ological eta 46,0 meta 200 yan turuniak 40 meta 1940 yan da 1940 teksen ili alba carapentur gerupi terkati Protesi da sustanturiak salah dari dendara tersenian sessatuan dengan perendak dalah selektra da 1950 teksen t Primon:	Technique de la company de la
278	17 V4		20	
Feet Feet N	NAVD 88	Feet NO	GVD	
Primary Type:	Primary Material:	Primary Height:		
Revetment	Stone	10 to 15 Feet		
Secondary Type:	Secondary Material:	Secondary Heigl	nt:	
		,,		To the last of the
Structure Summary	<i>i</i> :			
		dislodged stones.	Wall is not fit tightly	y together and some toppling of structure.
Condition	С		Priority	III
Rating	Fair		Rating	Moderate Priority
evel of Action	Moderate		Action	Consider for Active Project Improvement
Description	Structure is sound but may exhibit deterioration, section loss, crackin undermining, and/or scour. Structuto withstand major coastal storm vmoderate damage. Actions taken structure to provide full protection coastal storm and for extending lift structure. Moderate wind or wave landform exists. Landform may not of fully protect shoreline during a n storm. Actions taken to provide admaterial for full protection and extending the structure.	g, spalling, ure adequate vith little to to reinforce from major e of damage to t be sufficient najor coastal dition	Description	Listing Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings ( <1 dwelling impacted / 100 feet of shoreline)
ructure Image 35-056-000-030-1		cture Docume	nts:	

### **Structure Assessment Form**

Town: **Hull**Structure ID: 035-057-000-009-100

Property Owner:	annesen i ter til med ståde film år en sen år en såde til med stader þed prætiket er þeð þed til að dillakki umdillendig setteldigt þedigt þed	Location:	- antifriest flyadastatustismin make frassantin eta kinnaksia, esele aktistikka efisiaksia alkeeja ansie esisi	Date:
Local	the state of the s	Stony Beach	h	8/3/200
Presumed Structu	re Owner:	Based On Co	omment:	
Unknown		Property Ov		The state and how the state of
Owner Name:				
The real results of the re	7	Earliest Stru	cture Record:	Estimated Reconstruction/Repair Cost: \$91,080.00
	per seller som produkt for kallende per ejejet 25 om 100 debes opgive, se faller blevet produkt forske streke er	Pro 2015 Friendstättningspridische Beitrichts stille han Vorjehole (soft die Gelitina vorschaft schlicht der Schlicht vor der Schlicht vorschaft stille der Schlicht vorschaft schlicht	ension-resident statement in militäri, kun state state statemente yang on coderlige unbergan ment distant overstert kristian alatem of dien state his kristians dan assamment og kommunisat assambas alatem	The discontinuation of types is Virginia for the continuation of t
Length: Top I	Elevation: FIRM Map Zone:	FIRM Map Elev		
	V4 NAVD 88		20	A 100 - 100
		Feet N		THE RESERVE OF THE PARTY OF THE
Primary Type: Bulkhead/ Seawal	Primary Material:  Stone	Primary Height: 5 to 10 Feet		
Secondary Type:	,		.b.s.	
Revetment	Secondary Material: Stone	Secondary Heig	nt:	
* Structure Summar	,	•		
Iz siope. waii app	eared to lean outshore slightly. Re ion. Revetment is fair condition.	vetment is in poor	condition. 15 foot f	of wall extending more than 20 feet higher at 1 on ailed section (about 3rd stone) wall 2nd half is
Rating	Fair		Priority Rating	V Immediate / Highest Priority
Level of Action	Moderate		Action	Consider For Immediate Action Due to Public
Description	Structure is sound but may exhib			Safety and Welfare Issues
	deterioration, section loss, cracki undermining, and/or scour. Structo withstand major coastal storm moderate damage. Actions taken structure to provide full protection coastal storm and for extending listructure. Moderate wind or wave landform exists. Landform may not of ully protect shoreline during a storm. Actions taken to provide a material for full protection and exists.	ture adequate with little to to reinforce from major fe of de damage to ot be sufficient major coastal ddition	Description	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of s horeline)
Structure Image 035-057-000-009-1 035-057-000-009-1	00-PHO1A.jpg	ucture Docume	ents:	

### **Structure Assessment Form**

Town: Hull
Structure ID: 035-057-000-009-200

Property Owner:	t fra kritiste van Mansen, wordt val del Selfallater tils vit spåvelser j kalenderikelskelskeljeng vist villesgit behede og ved typlegleder håpe fra grib	Location:	unningapipanin, ad-shliftefedisteri diresinistesia, littistishir vaza labaqishg taadi may bayite (	Date:	disaffagaanaa filosoo oo
Local		Stony Beach			8/3/2006
Presumed Structure	e Owner:	Based On Com	ment:	9	
Local		Property Owne	ership	The state of the s	
Owner Name:		Earliest Structu	ire Record:	Estimated Reconstru	ction/Repair Cost:
Hull	/		0		\$553,743.00
ength: Top E	levation: FIRM Map Zone:	FIRM Map Elevation		PRINCIPLE OF THE PRINCI	NAMERO SERVICES (I TOTAL E PARE E RESERVICES (I TOTAL E PARE
834	V4	2	20		
Feet Feet N	IAVD 88	Feet NGV	D		
Primary Type:	Primary Material:	Primary Height:	_	17 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Groin/ Jetty	Stone	Under 5 Feet			
Secondary Type:	Secondary Material:	Secondary Height:			
Structure Summary	<i>i</i> :				
Stones toppled and	d some small gaps in groin. Stone s	size is 500 to 1000 lb	os.		
Condition	С		Projection .		
Conauton Rating	Fair		Priority Rating	None	
Lev <b>e</b> l of Action	Moderate		Action	Long Term Planning Considerat	ions
Description	Structure is sound but may exhibit deterioration, section loss, cracking undermining, and/or scour. Struct to withstand major coastal storm of moderate damage. Actions taken structure to provide full protection coastal storm and for extending lift structure. Moderate wind or wave landform exists. Landform may not to fully protect shoreline during a material for full protection and extending and material for full protection and extending the structure.	ng, spalling, ure adequate with little to to reinforce from major fe of t damage to t be sufficient major coastal Idition	Description	No Inshore Structures or Reside Units Present	ential Dwelling
tructure Image 35-057-000-009-2		ucture Document	opposite the section of the section		

# **Section IV**

Town of Hull

**Structure Photographs** 



BCE Structure No	Document No	Contract/ Drawing	Entity	Municipality	Date	Title	100		
		Number	Bourne					Location	Description
035-001-000-001-100	035-001-000-001-100-PHO1A.jpg		Consullting	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-001-000-001-100	035-001-000-001-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	+	Structure Location	Structure Condition Photo at Time of Survey
035-001-000-001-100	035-001-000-001-100-PHO1C.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITALIMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-001-000-002-100	035-001-000-002-100-PHO1A.jpg		Bourne Consulling Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-001-000-002-100	035-001-000-002-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-001-000-036-100	035-001-000-036-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-001-000-036-100	035-001-000-036-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-001-000-036-200	035-001-000-036-200-PHO2A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-001-000-036-200	035-001-000-036-200-PHO2B.jpg		Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	+	Siructure Location	Structure Condition Photo at Time of Survey
035-002-000-001-100	035-002-000-001-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-002-100	035-002-000-002-100-PHO1A.Jpg		Bourne Consulting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-002-000-002-100	035-002-000-002-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-003-100	035-002-000-003-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-003-100	035-002-000-003-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-002-000-007-100	035-002-000-007-100-PHO1A.jpg		Bourne Consullling Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-021-100	035-002-000-021-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-021-100	035-002-000-021-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-002-000-023-100	035-002-000-023-100-PHO1A.jpg		Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-002-000-023-100	035-002-000-023-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	Augusl 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-003-000-047-100	035-003-000-047-100-PHO1A.jpg		Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-003-000-047-100	035-003-000-047-100-PHO1B.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-004-000-040-100	035-004-000-040-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
							1		

035-005-000-075-100	035-005-000-075-100-PHO1A.jpg	O III	Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-005-000-075-100	035-005-000-075-100-PHO1B.jpg	о <u>п</u>	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-005-000-075-100	035-005-000-075-100-PHO1C.jpg	0 11	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Conditon Photo at Time of Survey
035-005-000-075-100	035-005-000-075-100-PHO1D.jpg	<u>о</u> п	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Conditon Photo at Time of Survey
035-005-000-088-100	035-005-000-086-100-PHO1A.jpg	0 1	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-005-000-086-100	035-005-000-096-100-PHO1A.jpg	0.5	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-005-000-096-100	035-005-000-096-100-PHO1B.jpg	2 🖺	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	_	Structure Location	Structure Condition Photo at Time of Survey
035-005-000-100-100	035-005-000-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-006-000-042-100	035-006-000-042-100-PHO1A.jpg		Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-006-000-042-100	035-006-000-042-100-PHO1B.jpg	2 🖺	Bourne Consulking Engineering	HULL	August 2006	DIGITAL MAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-006-000-067-100	035-008-000-067-100-PHO1A.jpg	_ 3 &	Bourne Consuliting Fnaineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Localion	Structure Condtion Photo at Time of Survey
035-006-000-067-100	035-008-000-067-100-PHO1B.jpg	_ 3 🖺	Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-006-000-075-100	035-006-000-075-100-PHO1A.jpg	- S <u>-</u>	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-006-000-075-100	035-006-000-075-100-PHO1B.jpg	- S -	Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-007-000-006-100	035-007-000-006-100-PHO1A.jpg	9 5 5	Bourne Consulting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-007-000-006-100	035-007-000-008-100-PHO1B.jpg	. S E	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-007-000-008-100	035-007-000-008-100-PHO1A.jpg	S <b>E</b>	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-007-000-052-100	035-007-000-052-100-PHO1A.jpg		Bourne Consulting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-007-000-052-100	035-007-000-052-100-PHO1B.jpg	8 5	Bourne Consulting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-008-000-017-100	035-008-000-017-100-PHO1A.jpg	S	Bourne Consulting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-008-000-018-100	035-008-000-018-100-PHO1A.jpg	- Co	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-008-000-021-100	035-008-000-021-100-PHO1A.jpg	Co B	Bourne Consullting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-008-000-021-100	035-008-000-021-100-PHO1B.jpg	E G B	Bourne Consuliting Engineering	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey

035-008-000-022-100	035-008-000-022-100-PHO1A.Jpg	Boume Consulting Engineering	me Ilting HULL	August 2006	BIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-008-000-022-100	035-008-000-022-100-PHO1B.jpg	Bourne Consulting Engineering	ne Ilting HULL	August 2006	5 DIGITAL IMAGE	-	Structure Location	Structure Conditon Photo at Time of Survey
035-008-000-022-100	035-008-000-022-100-PHO1C.jpg	Bourne Consuliting Engineering	ne Ilting HULL ering	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-009-000-033-100	035-009-000-033-100-PHO1A.jpg	Bourne Consulling Engineering	ne Illing HULL erina	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-009-000-033-200	035-009-000-033-200-PHO2A.jpg	Bourne Consullting Engineering	ne Ilting HULL erina	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-009-000-044-100	035-009-000-044-100-PHO1A.jpg	Bourne Consullting Engineering	ne Ilting HULL erina	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-009-000-044-200	035-009-000-044-100-PHO2A.Jpg	Bourne Consulting Engineering	ne Ilting HULL erina	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-009-000-044A-100	035-009-000-044A-100-PHO1A.jpg	Bourne Consulting Engineering	ne Ilting HULL ering	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-009-000-044A-200	035-009-000-044A-100-PHO2A.jpg	Bourne Consulling Engineering	llíng HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condilon Photo at Time of Survey
035-010-000-003-100	035-010-000-003-100-PHO1A.jpg	Bourne Consuliting Engineering	ne Iting HULL ering	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-003-100	035-010-000-003-100-PHO1B.jpg	Bourne Consullting Engineering	ne Iting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-003-100	035-010-000-003-100-PHO1C.jpg	Bourne Consulting Engineering	ne Iting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-003-200	035-010-000-003-200-PHO2A.jpg	Bourne Consullting Engineering	ne Iting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-010-000-003-200	035-010-000-003-200-PHO2B.jpg	Bourne Consullting Engineering	ne Iling HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-020-100	035-010-000-020-100-PHO1A.jpg	Bourne Consullting Engineering	ne Iting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-020-200	035-010-000-020-200-PHO2A.jpg	Bourne Consullting Engineering	ne King HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-020-200	035-010-000-020-200-PHO2B.jpg	Bourne Consullting Engineering	lting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-010-000-084-100	035-010-000-084-100-PHO1A.jpg	Bourne Consulting Engineering	ting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-010-000-084-100	035-010-000-084-100-PHO1B.jpg	Bourne Consulling Engineering	ling HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-010-000-084-200	035-010-000-084-200-PHO2A,jpg	Bourne Consullting Engineering	ting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-011-000-010-100	035-011-000-010-100-PHO1A.Jpg	Bourne Consullting Engineering	ting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-011-000-010-100	035-011-000-010-100-PHO1B.jpg	Boume Consullting Engineering	ting HULL	August 2006	DIGITAL IWAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-012-000-075-100	035-012-000-075-100-PHO1A.pg	Bourne Consulting Engineering	ling HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey

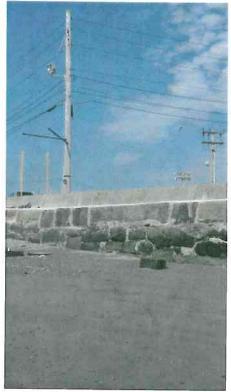
035-012-000-108-100	035-012-000-108-100-PHO1A.jpg	Bo Cons Engir	Bourne Consullting HULL Engineering		August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-012-000-108-100	035-012-000-108-100-PHO1B.jpg	Bo Cons Engin	Bourne Consulling HULL Engineering	L August 2006	1 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-013-000-046-100	035-013-000-046-100-PHO1A.jpg	Cons	Bourne Consullting HULL Engineering	L August 2006	1 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-013-000-046-100	035-013-000-046-100-PHO1B.jpg	Cons	Bourne Consullting HULL Engineering	Α	gust 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-014-000-048-100	035-014-000-048-100-PHO1A.jpg	Cons	Bourne Consulting HULL	August 2006	5006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-014-000-048-200	035-014-000-048-200-PHO2A.jpg	Cons	Bourne Consulting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-014-000-080-100	035-014-000-080-100-PHO1A.jpg	Bor Cons Engin	Bourne Consulting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-014-000-084-100	035-014-000-084-100-PHO1A.jpb	Cons	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-014-000-108-100	035-014-000-109-100-PHO1A.jpg	Bor Cons Engin	Bourne Consulling HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-014-000-109-100	035-01/4-000-109-100-PHO1B.Jpg	Consi	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-014-006-109-100	035-014-000-109-100-PHO1C.jpg	Bot Consi Engine	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-016-000-010-100	035-016-000-010-100-PHO1A.jpg	Bor Consu	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-016-000-010-100	035-016-000-010-100-PHO1B.jpg	Bot Const	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-016-000-010-100	035-016-000-010-100-PHO1C.Jpg	Bo. Const	Bourne Consulking HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-016-000-010-100	035-016-000-010-100-PHO1D.jpg	Bou	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-018-000-069-100	035-018-000-069-100-PHO1A.jpg	Bourne Consulting Engineering	Bourne Consullting HULL Engineering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-018-000-069-100	035-016-000-069-100-PHO1B.jpg	Bourne Consuliting Engineering	uliting HULL	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-018-000-144-100	035-018-000-144-100-PHO1A.jpg	Bourne Consulling Engineering	ullting HULL	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-018-000-145-100	035-018-000-145-100-PHO1A.jpg	Bourne Consullting Engineering	irne ullting HULL eering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-018-000-150-100	035-018-000-150-100-PHO1A.jpg	Bourne Consullting Engineering	Ime Jilling HULL	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo at Time of Survey
035-018-000-150-100	035-018-000-150-100-PHO1B.jpg	Bourne Consullting Engineering	Illing HULL	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-018-000-150-100	035-018-000-150-100-PHO1C.jpg	Bourne Consullting Éngineering	rne ullting HULL sering	August 2006	2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-019-000-041-100	035-019-000-041-100-PHO1A.jpg	Bourne Consullting Engineering	rne Jilling HULL Bering	August 2006	5006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey

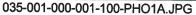
מונעם	ALSEANCH. AUGUST	2002						
035-019-000-041-100	035-019-000-041-100-PHO1B.jpg	Bourne Consullting Engineering	ting HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-020-000-143-100	035-020-000-143-100-PHO1A.jpg	Bourne Consullting Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-020-000-143-100	035-020-000-143-100-PHO1B.jpg	Bourne Consulting Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-024-000-110-100	035-024-000-110-100-PHO1A.jpg	Bourne Consullting Engineering	le HULL	August 2006	DIGITALIMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
035-024-000-110-100	035-024-000-110-100-PHO1B.jpg	Bourne Consulling Engineering	ling HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
035-024-000-110-100	035-024-000-110-100-PHO1C.Jpg	Bourne Consulting Engineering	ing HULL	August 2006	DIGITAL IMAGE	7-	Structure Location	Structure Condition Photo at Time of Survey
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035-024-000-110-100	035-024-000-110-100-PHO1E.jpg	Bourne Consullting Engineering	e ing HULL ring	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-024-000-110-100	035-024-000-110-100-PHO1F.jpg	Bourne Consulling Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
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035-027-000-054-100	035-027-000-054-100-PHO1B.jpg	Bourne Consullting Engineering	e HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-027-000-054-200	035-027-000-054-200-PHO2A.jpg	Bourne Consulling Engineering	e ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
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035-027-000-054-300	035-027-000-054-300-PHO3B.jpg	Bourne Consulting Engineering	ing HULL	August 2006	DIGITAL IMAGE	7	Structure Location	Structure Condtion Photo at Time of Survey
035-030-000-073-100	035-030-000-073-100-PHO1A.Jpg	Bourne Consullting Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condlion Photo al Time of Survey
035-030-000-073-100	035-030-000-073-100-PHO1B.jpg	Bourne Consulting Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
035-030-000-073-100	035-030-000-073-100-PHO1C.jpg	Bourne Consullting Engineering	ing HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
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035-032-000-051-100	035-032-000-051-100-PHO1C.jpg	Bourne Consulting Engineering	ng HULL	August 2006	DIGITAL IMAGE	7-	Structure Location	Structure Condtion Photo at Time of Survey
035-033-000-010-100	035-033-000-010-100-PHO1A.Jpg	Bourne Consullting Engineering	ng HULL	August 2006	DIGITAL IMAGE	-	Structure Localion	Structure Condtion Photo at Time of Survey
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035-034-000-001-100	035-034-000-001-100-PHO1B.jpg	Bourne Consullting Engineering	ng HULL ing	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey

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035-034-000-001-100	035-034-000-001-100-PHO1C.jpg	Boume Consulling Engineering	me Illing HULL	August 2006	6 DIGITAL IMAGE	-	Structure Location	Structure Condiion Photo at Time of Survey
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	035-037-000-010-200-PHO2B.jpg	035-037-000-010-300-PHO3A.jpg	035-037-000-010-300-PHO3B.jpg	035-037-000-010-400-PHO4A.jpg	035-037-000-010-400-PHO4B.jpg	035-038-000-060-100-PHO1A.jpg	035-038-000-060-100-PHO1B.jpg	035-038-000-060-100-PHO1C.jpg	035-038-000-060-100-PHO1D.jpg	035-ú51-000-034-100-PHO1A.jpg	035-051-000-034-100-PHO1B.jpg	035-051-000-038-100-PHO1A.jpg	035-051-000-036-100-PHO1B.jpg	035-052-009-002-100-PHO1A.jpg	035-052-000-069-100-PHO1A.jpg	035-052-000-069-100-PHO1B.jpg	035-052-000-069-100-PHO1C.jpg	035-052-000-075-100-PHO1A.jpg	035-053-000-042-100-PHO1A.jpg	035-053-000-042-200-PHO2A.jpg	035-053-000-042-200-PHO2B.Jpg	035-054-000-020-100-PHO1A.jpg	
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		Bourne						
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		Bourne						
035-054-000-042-100	035-054-000-042-100-PHO1A.Jpg	Consulling	HOLL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
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035-054-000-042-100	035-054-000-042-100-PHO1B.jpg	Consulting	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condtion Photo at Time of Survey
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035-056-000-030-100	035-056-000-030-100-PHO1A.jpg	Consulting	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
		Boiling						
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035-057-000-009-200	035-057-000-009-200-PHO2A.jpg	Consulting	HULL	August 2006	DIGITAL IMAGE	-	Structure Location	Structure Condition Photo at Time of Survey
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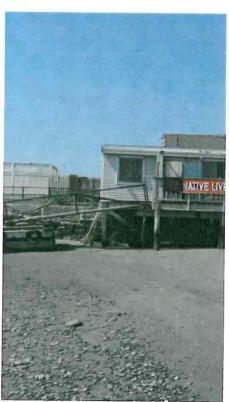
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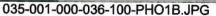


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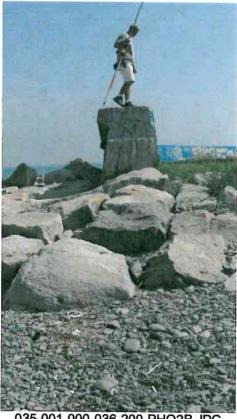
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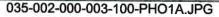


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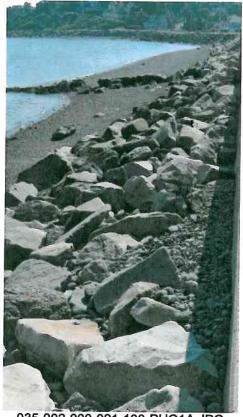




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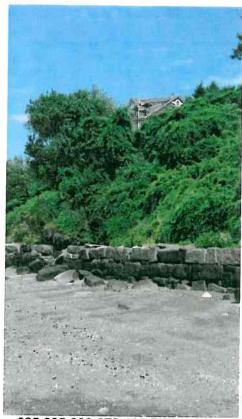
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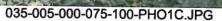










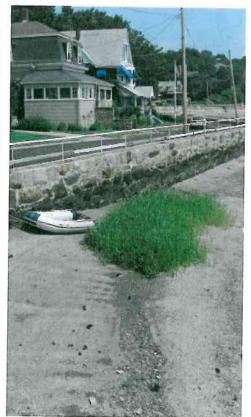


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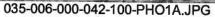


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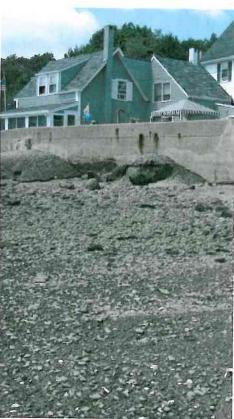
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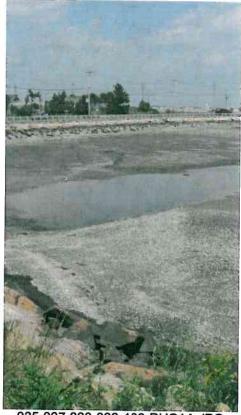
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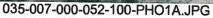


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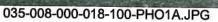


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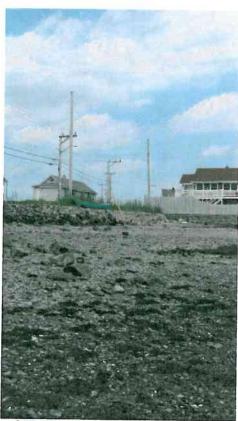
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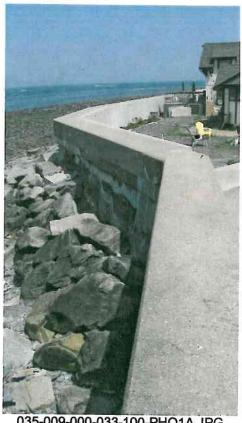
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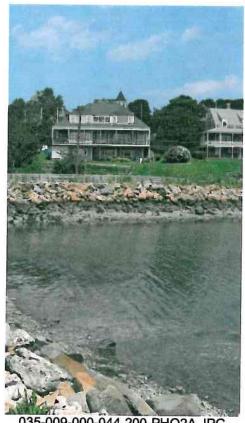




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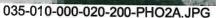


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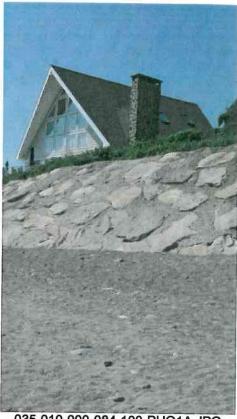
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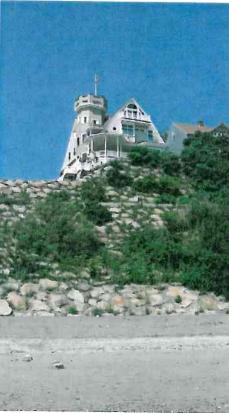
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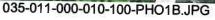


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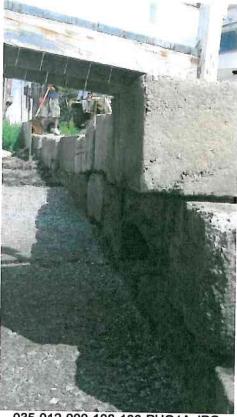
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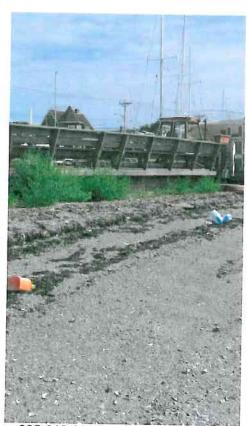




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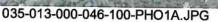


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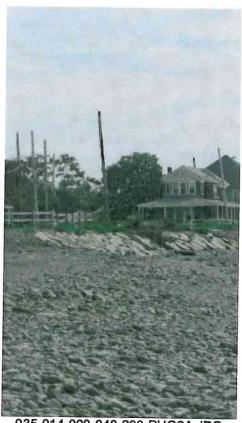




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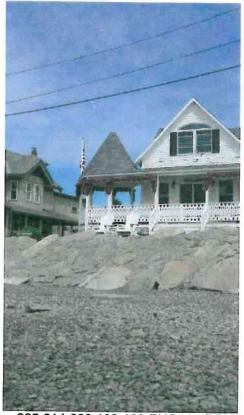
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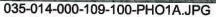


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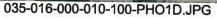


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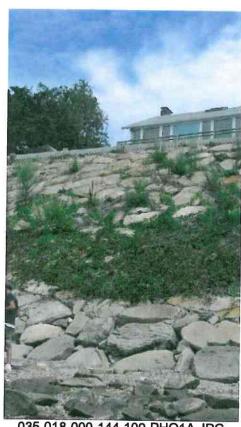




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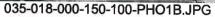


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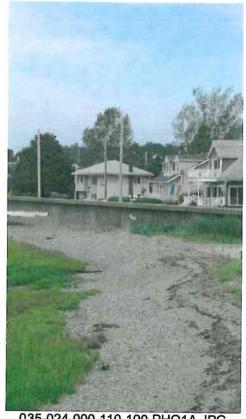
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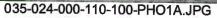


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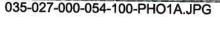


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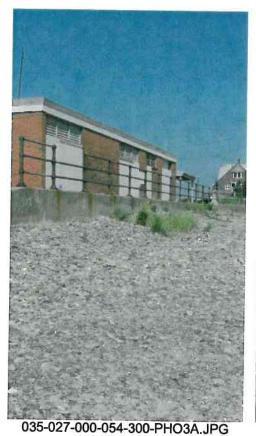








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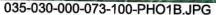






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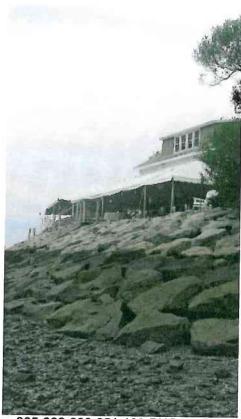




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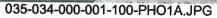


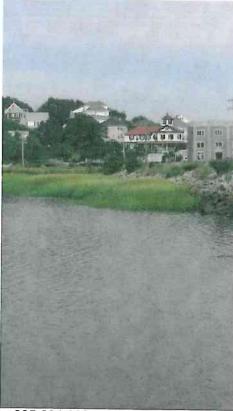
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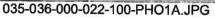


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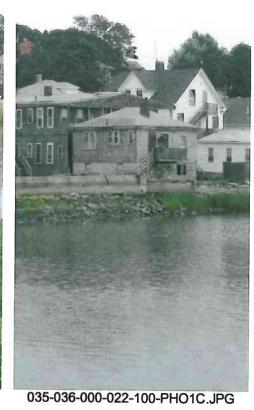


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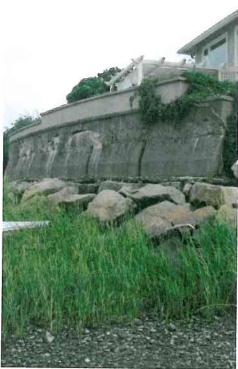




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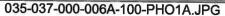


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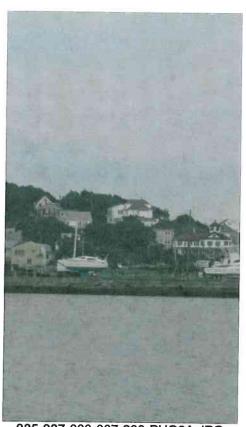




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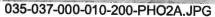


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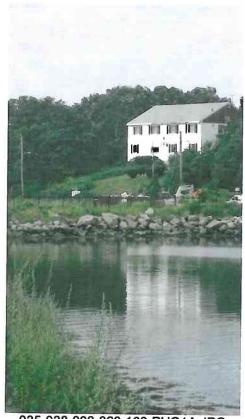
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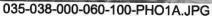


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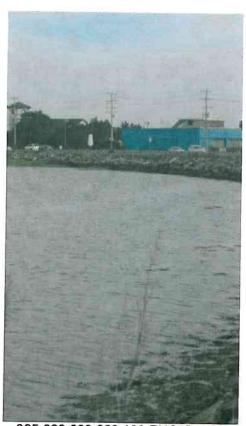




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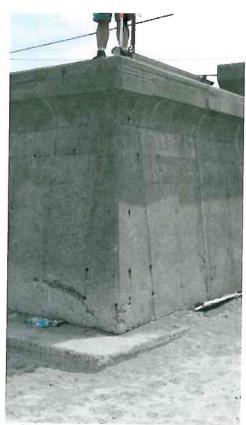
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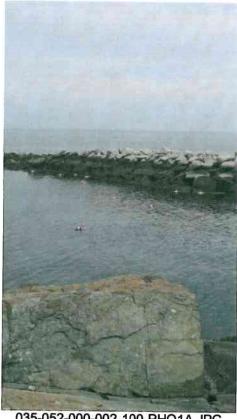
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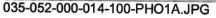


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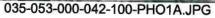


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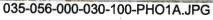






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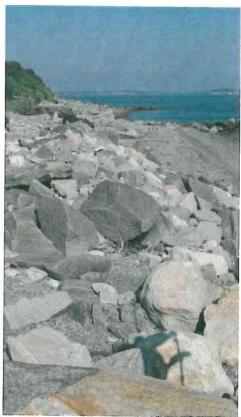




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035-057-000-009-100-PHO1B.JPG



035-057-000-009-200-PHO2A.JPG

### Section V

#### Town of Hull

#### **Structure Documents**

TOWN DOCUMENT LIST

MA DCR - DOCUMENT LIST

MA DEP – Chp 91 DOCUMENT LIST

• Copies of License Documents

USACE - PERMIT DOCUMENT LIST

• Copies of Permit Documents



TOWN: HULL SOURCE: TOWN OF HULL LOCATION: HULL MA DATE OF RESEARCH: AUGUST 2006

TOWN: HULL SOURCE: TOWN OF HULL LOCATION: HULL MA DATE OF RESEARCH: AUGUST 2006

NANTASKET AVE @ FITZPATRICK WAY	NANTASKET AVE @ FITZPATRICK WAY & NANTASKET AVE @ SPRING STREET	NANTASKET AVE, BETWEEN PEMBERTON PT & PT ALLERTON	NANTASKET AVE, BETWEEN PEMBERTON PT & PT ALLERTON	NANTASKET AVE. BETWEEN PEMBERTON PT & PT ALL FRITON	NANTASKET AVE @ FITZPATRICK WAY	NANTASKET AVE @ FITZPATRICK WAY & NANTASKET AVE @	PTALLERTON	PT ALLERTON	PT ALLERTON	PT ALLERTON	IMMEDIATELY WEST OF PT ALLERTON	IMMEDIATELY WEST OF PT ALLERTON	IMMEDIATELY WEST OF PT ALLERTON	IMMEDIATELY WEST OF PT ALLERTON	NEWPORT ROAD FROM PROSPECT AVE TO NANTASKET AVE	SUNSET POINT	SUNSET POINT	NANTASKET PIER	NANTASKET PIER (SHEET 4 MISSING)	STONY BEACH ROAD	STONY BEACH ROAD	STONY BEACH ROAD	STONY BEACH ROAD	STONY BEACH ROAD	OFFSHORE OF GUN ROCK POINT	OFFSHORE OF GUN ROCK POINT	OFFSHORE OF GUN ROCK POINT	OFFSHORE OF GUN ROCK POINT	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	ATLANTIC AVE. NW OF COHASSET TOWN LINE	ADJACENT OCEAN SIDE ATTANTIC AVE	ADJACENT OCEAN SIDE ATLANTIC AVE	ADJACENT OCEAN SIDE ATLANTIC AVE	ADJACENT OCEAN SIDE ATLANTIC AVE	ADJACENT OCEAN SIDE ATLANTIC AVE
-	-	-	-	-	-		-	-	-	-	-	2	-	8	18	-	-	2	4	-	-	,	-  -	-	-	-	2	-	-	-	2	-	-	-	-	-	-
SECTION A-A EXISTING CONDITIONS, SECTION B-B REPAIRED AREA	PROPOSED REPAIRS TO SEA WALLS AT STONY BEACH AND PEMBERTON PT	PROPOSED SHORE PROTECTION, SEA WALL RECONSTRUCTION, NANTASKET AVENUE, BETWEEN PEMBERTON POINT & POINT ALL EDION	PROPOSED SHORE PROTECTION, SEA WALL CONSTRUCTION AT STONY BEACH, NANTASKET AVENUE BETWEEN PEMBERTON AND POINT ALL ESTON	NANTAKION PANTAKIONAK PENERMENT, PLAN & SECTIONS/ SECTIONAK PENER PENERMENT	SECTION A RESISTING CONDITIONS, SECTION B-B BEBRIEF A PEA	SITE PLAN AND TYPICAL SECTIONS, STONY BEACH ROAD AREA #5, NANTASKET AVE & FITZPATRICK AVE AREA#4	POINT ALLERTON SHORE PROTECTION TAKING OF RIGHTS AND FASEMENTS IN I AND IN IT IT.	BOSTON HARBOR, MASS. SEA WALL AT POINT	POINT ALL ERSEMENTS IN AND IN HILL RIGHTS AND FASEMENTS IN AND IN HILL	BOSTON HARBOR, MASS. SEA WALL AT POINT ALLERTON	PROPOSED SHORE PROTECTION SEA WALL RECONSTRUCTION POINT ALL ERTON	POINT ALLERTON SHORE PROTECTION TAKING OF RIGHTS AND EASEMENTS IN I AND IN HILLS	PROPOSED SHORE PROTECTION SEA WALL RECONSTRUCTION POINT ALL EDITON	POINT ALLERTON SHORE PROTECTION TAKING OF RIGHTS AND FASEMENTS IN LAND IN III.	PROPOSED SEA DEFENSES, KENBERMA SECTION	PROPOSED SHORE PROTECTION, STONE MOUND, SUNSET POINT	PROPOSED SHORE PROTECTION, STONE MOUND, SUNSET POINT	PROPOSED REPAIRS AND MODIFICATIONS TO THE STEEL BULKHEAD, NANTASKET PIER	PROPOSED HARBOR IMPROVEMENTS, TIMBER PIER   AND STEEL BULKHEAD, NANTASKET PIER	STONY BEACH ROAD STONE MASONRY WALL PLAN	EXISTING CONDITIONS PLAN	STONY BEACH ROAD STONE MASONRY WALL PLAN	AND SECTIONS EXISTING CONDITIONS PLAN	REPAIR AREA DETAIL	PROPOSED EXTENSION TO BREAKWATER, GUN ROCK POINT	PROPOSED BREAKWATER REPAIR GUN ROCK POINT	GUN ROCK BREAKWATER PLAN AND PROFILE	SITE PLAN & TYPICAL SECTIONS, GUN ROCK BREAKWATER	PROPOSED SHORE PROTECTION STONE REVETMENT, GUN ROCK	PROPOSED STONE REVETMENT VICINITY OF GUN	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, GUN ROCK TO GREEN	THOUSED REPAIRS RIP RAP AND CONCRETE WALL	ROPOSED CONCRETE JETTIES AND REPAIRS TO	NO POSE SEA WALL REPAIRS BETWEEN GUN	ROPOSED REPAIRS TO CONCRETE SEA WALL GUN OCK TO GREEN HILL	ROPOSED RIP RAP AND REPAIRS TO CONCRETE EA WALL GUN ROCK TO GREEN HILL	ROPOSED REPAIRS TO SEA WALL BETWEEN GUN
APRIL 12, 1990	OCT 1931	APRIL 1857	MAR 1960	AUGUST 31, 1978	APRIL 12, 1890	UNREADABLE	SEPT 7, 1828	JUNE 30, 1875	SEPT 7, 1920	JUNE 30, 1875	OCT 1968	SEPT 7, 1926	OCT 1968	SEPT 7, 1826	MAR 1961	AUG 1958	AUG 1858	APRIL 1985	DEC 1, 1982	JUNE 15, 1979	APRIL 12, 1990		- 1	PRIL 12, 1990	JUNE 1817	JUNE 1940	NOV 15, 1678	OCT 4, 1989	SEPT 1961	OCT 1962	MAY 1966	SEPT 1940	OCT 1832	UNREADABLE	JUNE 1839	NOV 1841	MAY 1846 F
HULL	HULL	HULL	HUL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL JU	HULL		П		HOL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL
UNKNOWN	MA DPW	MA DPW	MA DPW	TOWN OF HULL	UNKNOWN	TOWN OF HULL	MA DPW	A.C.O.E.	MA DPW	A.C.O.E.	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DEM	MA DEM	TOWN OF HULL	UNKNOWN	TOWN OF	UNKNOWN	MA COMMISSION	ON WATERWAYS AND PUBLIC LANDS	MA DPW	TOWN OF HULL	TOWN OF HULL	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW
EXHIBIT D	288	1657	2104	DSR 5-8/15-1 et. al.	Ехинан о	I	124	UNKNOWN	124	UNKNOWN	2481	UNKNOWN	2481	UNKNOWN	2302	1965	1965	3084	3014		EXHIBIT B	Ι"-	П	Т.	UNREADABLE	299	DSR 5-2-1 & DSR 5-2-2	SA-1	2329	2368	2518	789	340	1232	584	732	912
035-009-000-033-100-TWN1B	035-009-000-033-200-TWN2A	035-008-000-033-200-TWN2B	035-009-000-033-200-TWN2C	035-009-000-033-200-TWN2D	035-009-000-033-200-TWN2E	035-008-000-033-200-TWN2F	035-010-000-003-100-TWN1A	035-010-000-003-100-TWN1B	035-010-000-003-200-TWN2A	035-010-000-003-200-TWNZB	035-010-000-020-100-TWN1A	035-010-000-020-100-TWN1B	035-010-000-020-200-TWNZA	035-010-000-020-200-TWNZB	035-030-000-073-100-TWN1A	035-032-000-051-100-TWN1A	035-032-000-051-200-TWN1B	035-037-000-007-100-TWN1A	035-037-000-007-100-TWN1B	035-051-000-034-100-TWN1A	035-051-000-034-100-TWN1B 035-051-000-034-100-TWN1C	035-051-000-038-100-TWN1A	ш		035-052-000-002-100-TWN1A	035-052-000-003-100-TWN1B	035-052-000-004-100-TWN1C	035-052-000-002-100-TWN1D	035-052-000-068-100-TWN1A	035-052-000-068-100-TWN1B	035-052-000-069-100-TWN1C	035-053-000-042-100-TWN1A	035-053-000-042-100-TWN1B	035-053-000-042-100-TWN1C	035-053-000-042-100-TWN1D	035-053-000-042-100-TWN1E	035-053-000-042-100-TWN1F
035-009-000-033-100	035-009-000-033-200	035-009-000-033-200	035-008-000-033-200	035-009-000-033-200	035-009-000-033-200	035-009-000-033-200	035-010-000-003-100	035-010-000-003-100	035-010-000-003-200	035-010-000-003-200	035-010-000-020-100	035-010-000-020-100	035-010-000-020-200		035-030-000-073-100	$\top$	1	7	づ		035-051-000-034-100		035-051-000-038-100		035-052-000-002-100	035-052-000-002-100	035-052-000-002-100	035-052-000-002-100	$\neg$	035-052-000-089-100 0	035-052-000-089-100	035-053-000-042-100 0	035-053-000-042-100 0	035-053-000-042-100 0		$\neg$	035-053-000-042-100 0

TOWN: HULL
SOURCE: TOWN OF HULL
LOCATION: HULL MA
DATE OF RESEARCH: AUGUST 2006

		$\top$	Т	T	Т	Т	Т	_		$\neg$		7	
											MISSING SHEET 1		
OCEAN SIDE ATLANTIC AVE AND SUMMIT AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	ADJACENT OCEAN SIDE ATT ANTIC AVE	ADJACENT OCEAN SIDE ATI ANTIC AVE	SUMMET AVENUE		DAILLI WAY CONNECTING ATLANTIC AVE AND SUMMIT AVE ADJACENT OCEAN SIDE ATLANTIC AVE	OFFSHORE OF DRIFTWAY ADJACENT ATLANTIC AVE AND SUMMIT	OF SHORE OF AND ADJACENT TO DRIFTWAY ADJACENT ATLANTIC MISSING SHEET 1 ANE AND SUMMIT AVE	OCEAN SIDE ATLANTIC AVE AND SUMMIT AVE	ATLANTIC AVE AND SUMMIT AVE
7	-	-	-	8	60	-	-		-	2	2	73	-
PROPOSED SHORE PROTECTION SEA WALL REPAIRS & REVETMENT BETWEEN GREEN HILL &	PROPOSED SHORE PROTECTION, STONE REVETMENT, GROIN & SAND AT GUN ROCK EASTERLY TOWARDS GREEN HILL MASSACHUSETTS RAY	PROPOSED SHORE PROTECTION STONE REVETMENT GLIN ROCK	PROPOSED STONE REVETMENT VICINITY OF GUN ROCK	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, GUN ROCK TO GREEN HILL	CRESCENT BEACH SEA WALL, SECTIONS	SITE PLAN AND TYPICAL SECTIONS, CRESCENT	PROPOSED SEAWALL CONSTRUCTION GREEN HILL	PROPOSED SEAWALL PERAIDS CREEN HILL	PROPOSED SEA WALL & REVETMENT BETWEEN	PROPOSED STORE NILL PROPOSED STORE BREAKWATER, ATLANTIC AVE, GREEN HILL SECTION	PROPOSED SHORE PROTECTION, CONCRETE SEA WALL, STONE REVETMENT GUN ROCK TO GREEN	PROPOSED SHORE PROTECTION SEA WALL REPARTS & REVETMENT BETWEEN GREEN HILL & GIN DOCK	SUMMIT AVE. BLUFF SEA WALL PLAN AND SECTIONS
FEB 1855	SEPT 1959	SEPT 1961	OCT 1962	MAY 1966	JUNE 15, 1979	OCT 3, 1889	OCT 1857	NOV 1945	JUNE 1958	APRIL 1858	MAY 1968	FEB 1855	JUNE 15, 1979
HULL	HUL	HULL	HULL	ТЛЛН	HUL	HULL	HUL	HULL	HULL	HULL	TINH	HULL	HUL
MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	TOWN OF	TOWN OF	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	MA DPW	TOWN OF HULL
1468	2053	2329	2368	2518	DSR 5-3/13-2 et. al.	S.S	1858	861	1625	1889	2518	1468	DSR 5-4-1
035-053-000-042-100-TWN1G	035-053-000-042-100-TWN1H	035-053-000-042-100-TWN1I	035-053-000-042-100-TWN1J	035-053-000-042-100-TWN1K	035-053-000-042-100-TWN1L	035-053-000-042-100-TWN1M	035-054-000-022-100-TWN1A	035-054-000-028-100-TWN1A	035-054-000-028-100-TWN1B	035-054-000-042-100-TWN1A	035-054-000-042-100-TWN1B	035-054-000-042-100-TWN1C	035-055-000-008-100-TWN1A
035-053-000-042-100	035-053-000-042-100	035-053-000-042-100	035-053-000-042-100	035-053-000-042-100	035-053-000-042-100	035-053-000-042-100	035-054-000-022-100	035-054-000-028-100	035-054-000-028-100	035-054-000-042-100	035-054-000-042-100	035-054-000-042-100	035-055-000-008-100

TOWN: HULL
SOURCE: MA-DCR - OFFICE OF WATERWAYS
LOCATION: MA-DCR - OFFICE OF WATERWAYS, HINGHAM, MA

AUGUST 2006	
OF RESEARCH: A	
DATE OF	

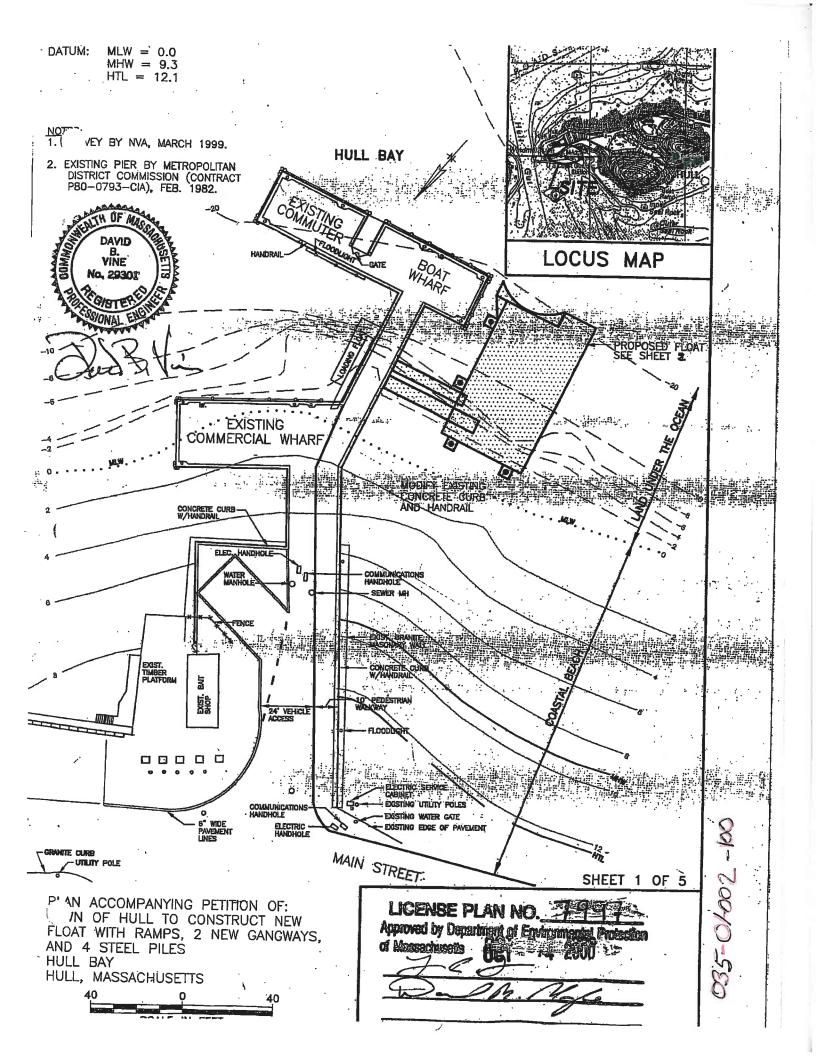
BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	ТКІВ	Sheets	Location	Description
035-024-000-110-100	035-024-000-110-100-DCR1A	2302	MA DPW	HULL	MARCH 1961	PROPOSED SEA DEFENSES, KENBERMA SECTION	18	NEWPORT ROAD FROM PROSPECT AVE TO NANTASKET AVE	
035-001-000-036-100	035-001-000-038-100-DCR1A	18	Commission on Waterways and Public Lands	TINH	AUGUST 1828	PEMBERTON POINT SEAWALL	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	CONCRETE SEAWALL
035-001-000-036-100	035-001-000-038-100-DCR18	486	MA DPW	HULL	MARCH 1937	PROPOSED REPAIRS AND RIP RAP PROTECTION PEMBERTON POINT SEAWALL	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
035-001-000-038-100	035-001-000-036-100-DCR1C	267	MA DPW	HULL	NOV 1838	RIP RAP PROTECTION AND JETTIES, PEMBERTON POINT SEAWALL	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
035-001-000-038-100	035-001-000-036-100-DCR1D	1597	MA DPW	нигт		PROPOSED SHORE PROTECTION, SEAWALL RECONSTRUCTION & STONE REVETMENT, PEMBERTON	6	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	
035-001-000-036-100	035-001-000-036-100-DCR1E	1886	MA DPW	HULL	NOVEMBER 1958	PROPOSED SHORE PROTECTION, SEA WALL RECONSTRUCTION, PEMBERTON	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	
035-001-000-036-100	035-001-000-036-100-DCR1F	2128	MA DPW	HULL		CONCRETE SEAWALL RECONSTRUCTION, CHANNEL STREET	2	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	
035-002-000-002-100	035-002-000-002-100-DCR1A	1703	MA DPW	ТІЛН	DECEMBER 1	PROPOSED SHORE PROTECTION AT THREE LOCATIONS, VICINITY OF MAIN STREET, PEMBERTON	-	MAIN STREET BETWEEN TOWN WAY AND OCEAN AVE	
035-002-000-007-100	035-002-000-007-100-DCR1A	1703	MA DPW	HULL	DECEMBER F	PROPOSED SHORE PROTECTION AT THREE LOCATIONS, VICINITY OF MAIN STREET, PEMBERTON	-	MAIN STREET BETWEEN TOWN WAY AND OCEAN AVE	
035-002-000-021-100	035-002-000-021-100-DCR1A	486	MA DPW	HULL		PROPOSED REPAIRS AND RIP RAP PROTECTION PEMBERTON POINT SFAWALL	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
035-002-000-021-100	035-002-000-021-100-DCR1B	557	MA DPW	HULL	NOV 1838	RIP RAP PROTECTION AND JETTIES, PEMBERTON POINT SEAWALL	-	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	
035-002-000-023-100	035-002-000-023-100-DCR1A	1587	MA DPW	HULL	MARCH 1958 F	PROPOSED SHORE PROTECTION, SEAWALL RECONSTRUCTION & STONE REVETMENT, PEMBERTON	6	ADJACENT HULL HIGH SCHOOL, PEMBERTON POINT	
035-005-000-086-100	035-005-000-096-100-DCR1A	1516	MA DPW	HULL	JUNE 1855	PROPOSED HURRICANE REPAIRS AT FIVE LOCATIONS IN HINGHAM BAY, HULL	2	JAMES AVE. @ TOWN PIER, WESTERLY OF JAMES	
035-005-000-100-100	035-005-000-100-100-DCR1A	1516	MA DPW	HULL	JUNE 1855	PROPOSED HURRICANE REPAIRS AT FIVE LOCATIONS IN HINGHAM BAY, HULL	2	JAMES AVE. @ TOWN PIER, WESTERLY OF JAMES  JAMES AVE. @ AND	
035-008-000-042-100	035-006-000-042-100-DCR1A	1516	MA DPW	HULL	JUNE 1855	PROPOSED HURRICANE REPAIRS AT FIVE LOCATIONS IN HINGHAM BAY, HULL	2	JAMES AVE. @ TOWN PIER, WESTERLY OF JAMES AVE. HOOPERS LANDING	
035-006-000-042-100	035-006-000-042-100-DCR1B	1656	MA DPW	HULL	OCT 1856	PROP SHORE PROTECTION SEAWALL RECONSTRUCTION SPRING ST. HULL	2 5	SPRING STREET FROM DOUGLAS AVE TO	
035-006-000-042-100	035-008-000-042-100-DCR1C	1828	MADPW	HULL	OCT 1857 S	PROPOSED SEA WALL RECONSTRUCTION SPRING STREET	-	SPRING STREET WEST OF SPINNAKER ISLAND	
035-007-000-052-100	035-007-000-052-100-DCR1A	588	MA DPW	HULL	OCT 1831	PROPOSED REPAIRS TO SEA WALLS AT STONY BEACH AND PEMBERTON PT	-	NANTASKET AVE @ FITZPATRICK WAY & NANTASKET AVE @ SEPING STEET	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
035-007-000-052-100	035-007-000-052-100-DCR1B	388	MA DPW	HULL	JAN 34 P	PROPOSED SHORE PROTECTION, STONY BEACH	-	Т	
035-008-000-021-100	035-008-000-021-100-DCR1A	1516	MA DPW	HULL	JUNE 1855 II	PROPOSED HURRICANE REPAIRS AT FIVE LOCATIONS IN HINGHAM BAY, HULL	۶ <u>۶</u>	JAMES AVE. @ TOWN PIER, WESTERLY OF JAMES AVE. HOOPERS LANDING	
035-008-000-022-100	035-008-000-022-100-DCR1A	1516	MA DPW	HULL	JUNE 1855	PROPOSED HURRICANE REPAIRS AT FIVE LOCATIONS IN HINGHAM BAY, HULL	2	JAMES AVE. @ TOWN PIER, WESTERLY OF JAMES AVE. HOOPERS LANDING	
035-009-000-033-100	035-009-000-033-100-DCR1A	586	MA DPW	HULL	OCT 1931	PROPOSED REPAIRS TO SEA WALLS AT STONY BEACH AND PEMBERTON PT	-	NANTASKET AVE @ FITZPATRICK WAY & NANTASKET AVE @ SPRING STREET	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
035-008-000-033-100	035-009-000-033-100DCR1B	2104	MA DPW	HULL	MARCH 1960 A	PROPOSED SHORE PROTECTION, SEA WALL CONSTRUCTION AT STONY BEACH, NAVIASKET AVENUE BETWEEN PEMBERTON AND POINT ALLERTON	-	NANTASKET AVE, BETWEEN PEMBERTON PT & PT ALLERTON	
035-008-000-033-100	035-009-000-033-100-DCR1C	1857	MA DPW	HULL	APRIL 1957 R	PROPOSED SHORE PROTECTION SEA WALL RECONSTRUCTION, NANTASKET AVE BETWEEN PEMBERTON AND PT. ALLERTON	21	NANTASKET AVE BETWEEN PT ALLERTON AVE AND FITZPATRICK WAY	
035-010-000-003-100	035-010-000-003-100-DCR1A	1703	MA DPW	HULL	DECEMBER P	PROPOSED SHORE PROTECTION AT THREE LOCATIONS, VICINITY OF MAIN STREET, PEMBERTON	- 24	MAIN STREET BETWEEN TOWN WAY AND OCEAN AVE	
035-010-000-003-100	035-010-000-003-100-DCR1B	124	Commission on Waterways and Public Lands	HOLL	SEPT 7, 1928	POINT ALLERTON SHORE PROTECTION TAKING OF RIGHTS AND EASEMENTS IN LAND IN HULL	-	PTALLERTON	
035-010-000-003-100	035-010-000-003-100-DCR1C	3282	MA DEM	HULL	FEB 1985 SI	SEAWALL BOULEVARD, HULL, MA, STORM DAMAGE REPAIRS TO SEAWAII	1 20 g	SEAWALL BOULEVARD AND PT. ALLERTON, EAST OF	
035-010-000-003-100	035-010-000-003-100-DCR1D	3360	MA DEM	HULL	AUGUST 1998 RI	REVETMENT IMPROVEMENTS, SEAWALL BOULEVARD	2	FECONI FA	
035-010-000-003-100	035-010-000-003-100-DCR1E	3404	MA DEM	HULL	SEPT 1999 SI	SITE IMPROVEMENT PROJECT, SEAWALL BOULEVARD, HULL, MA	2 50	SEAWALL BOULEVARD AND PT. ALLERTON, EAST OF BEACON.	INCLUDES NEW STAIRS OFF HOLBROOK AVE
035-010-000-003-100	035-010-000-003-100-DCR1F	3414	MA DEM	HULL	MARCH 2000 BO	REVETMENT IMPROVEMENT PROJECT, SEAWALL BOULEVARD	E .		INCLUDES IMPROVEMENTS TO STAIRS NE 300 FEET, DOES NOT INCLUDE WORK IN FRONT OF HOUSES
035-010-000-020-100	035-010-000-020-100-DCR1A	2481	MA DPW	HULL	OCT 1968 P	PROPOSED SHORE PROTECTION SEA WALL RECONSTRUCTION, POINT ALLERTON	-	IMMEDIATELY WEST OF PT ALLERTON	#1 la/3
035-010-000-020-100	035-010-000-020-100-DCR1B	3382	MA DEM	HULL	JAN. 1889 PF	PROPOSED SEAWALL IMPROVEMENTS,	2 57	PT ALLERTON AVE, IMMEDIATELY WEST OF BEACON STREET	
035-030-000-073-100	035-030-000-073-100-DCR1A	2302	MA DFW	HULT	MARCH 1981 PF	PROPOSED SEA DEFENSES, KENBERMA SECTION	18 N	NEWPORT ROAD FROM PROSPECT AVE TO NANTASKET AVE	
035-032-000-051-100	035-032-000-051-100-DCR1A	1965	MA DPW	HULL	AUGUST 1858 St	PROPOSED SHORE PROTECTION, STONE MOUND. SUNSET POINT	+ S	SUNSET POINT	
035-052-000-002-100	035-052-000-002-100-DCR1A	2108	MA DPW	HULL	APRIL 190 BF	PROPOSED SHORE PROTECTION, STONE BREAKWATER AND SEAWALL, GUN ROCK	8	GUN ROCK BREAKWATER	

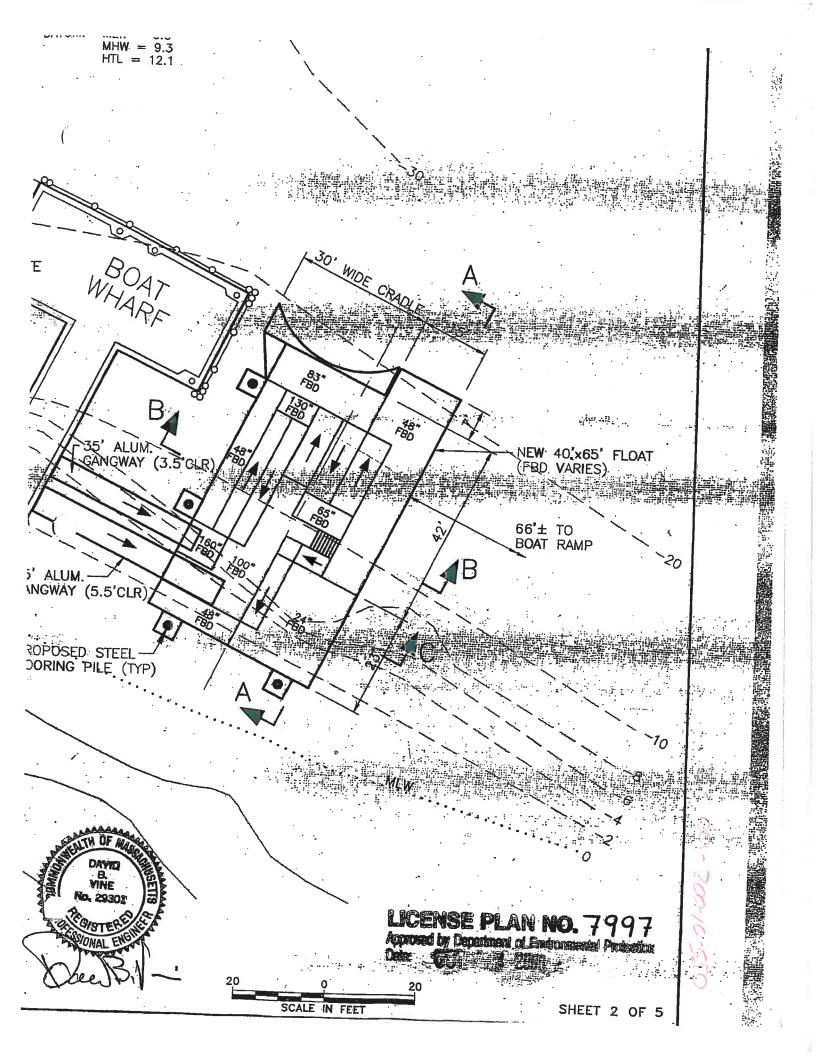
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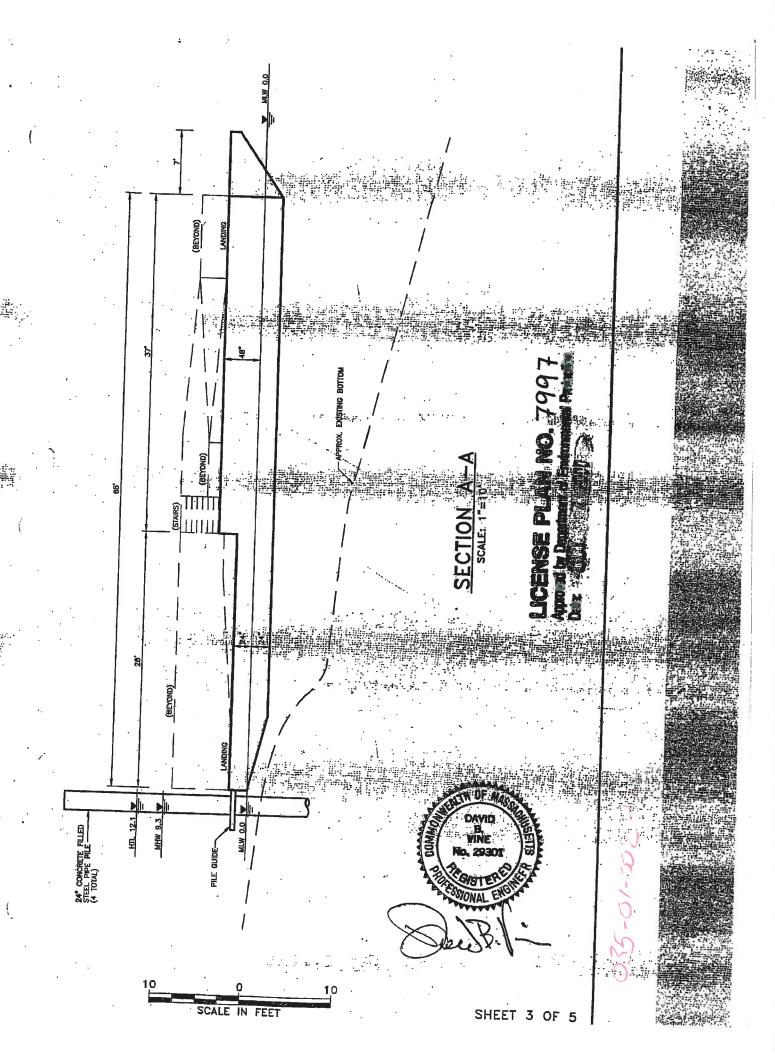
0.05-622-000-04-100-DCR1C   710   Mistanospia and   HULL   JUNE 1977   BREAVIVATER EXTENSION   1	035-052-000-002-100	035-052-000-002-100-DCR1B	299	MA DPW	HULL	JUNE 1940	PROPOSED BREAKWATER REPAIR GUN ROCK POINT	-	OFFSHORE OF GUN ROCK POINT	
0.05-622-000-001-100-OCR10   17   Wilstenson on HULL   JUNE 1977   BREAMWATRE EXTENSION   1   Wilstenson on HULL   JUNE 1972   PROPOSED REPAIRS TO BREAMWATER   1     Wilstenson on HULL   JUNE 1972   PROPOSED STONE REVENIENT:   1	035-052-000-002-100	035-052-000-004-100-DCR1C	179	Commission on Waterways and Public Lands		AUG 1828	PROPOSED REPAIRS TO BREAKWATER	-	GUN ROCK PT	
0.05-052-000-004-100-DCR16   76	035-052-000-002-100	035-052-000-004-100-DCR1D	11	Commission on Waterways and Public Lands		JUNE 1917	BREAKWATER EXTENSION	-	GUN ROCK PT	
0.025-020-009-100-DCR1A   2289   MA DPW   HULL   OCT 1662   PROPOSED STONE REVETMENT VICINITY OF GUN   1   PROPOSED STONE REVETMENT GUN ROCKTOGREEN   2   PROPOSED STONE REVETMENT GROUN STONE REVETMENT GUN ROCKTOGREEN   2   PROPOSED STONE REVETMENT GROUN STONE G	035-052-000-002-100	035-052-000-004-100-DCR1E	76	Commission on Waterways and Public Lands	HULL	JUNE 1823	PROPOSED REPAIRS TO BREAKWATER	-	GUN ROCK PT	DRAWINGS LOCATED IN OLD BLUEPRINT DRAW
025-622-000-069-100-DCR1A   2368   MA DPW   HULL   MAY 1669   PROPOSED STONE REVETMENT VICHITY OF GUN   1	035-052-000-089-100	035-052-000-069-100-DCR1A	2329	MA DPW	HULL	SEPT 1961	PROPOSED SHORE PROTECTION STONE REVETMENT, GUN ROCK	-	OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
0.025-062-000-006-100-DCR10   2516	035-052-000-069-100	035-052-000-069-100-DCR1A	2366	MA DPW	HULL	OCT 1982	PROPOSED STONE REVETMENT VICINITY OF GUN ROCK		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
085-683-000-042-100-DCR16   682   MA DPW   HULL   SEPT 1840   ROCK TO GREEN HILL   1   1   1   1   1   1   1   1   1	035-052-000-069-100	035-052-000-089-100-DCR1A	2518	MA DPW	HULL	MAY 1968	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, GUN ROCK TO GREEN HILL		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
035-053-000-042-100-DCR1G   232   MA DPW   HULL   NOV 1641   PROPOSED REPRANDER SIPE MALL STOKEN REPRAND CONCRETE WALL   1	035-053-000-042-100	035-053-000-042-100-DCR1A	594	MA DPW	HULL	JUNE 1939	PROPOSED REPAIRS TO CONCRETE SEA WALL GUN ROCK TO GREEN HILL		ADJACENT OCEAN SIDE ATLANTIC AVE	
035-053-000-042-100-DCR1C   722   MA DPW   HULL   MAY 1846   MADPW   HULL   REPORTSOED REPARES TO SEA WALL BETWEEN GLN   TO COKCANDO GREEN HILL AS GAN ROCK ASTERLY   TO CONCRETE SEA   TO CONCRET	035-053-000-042-100	035-053-000-042-100-DCR1B	682	MA DPW	HULL	SEPT 1940	PROPOSED REPAIRS RIP RAP AND CONCRETE WALL GUN ROCK AND GREEN HILL		ATLANTIC AVE. NW OF COHASSET TOWN LINE	
035-053-000-042-100-DCR1E	035-053-000-042-100	035-053-000-042-100-DCR1C	732	MA DPW	HULL	NOV 1941	PROPOSED RIP RAP AND REPAIRS TO CONCRETE SEA WALL GUN ROCK TO GREEN HILL	Г	ADJACENT OCEAN SIDE ATLANTIC AVE	
035-053-000-042-100-DCR1F   2263	035-053-000-042-100	035-053-000-042-100-DCR1D	912	MA DPW	HULL	MAY 1946	PROPOSED REPAIRS TO SEA WALL BETWEEN GUN ROCK AND GREEN HILL		ADJACENT OCEAN SIDE ATLANTIC AVE	
035-053-000-042-100-DCR1F   2053   MA DPW	035-053-000-042-100	035-053-000-042-100-DCR1E	1468	MA DPW	HULL	FEB 1855	PROPOSED SHORE PROTECTION SEA WALL REPAIRS & REVETMENT BETWEEN GREEN HILL & GUN ROCK		OCEAN SIDE ATLANTIC AVE AND SUMMIT AVE	
035-053-000-042-100-DCR16  215   Commission on Pull   COCT 1828   GUN ROCK TO GREEN HILL   COCT 1828   GUN ROCK TO GREEN HILL   COCT 1829   GUN ROCK TO GREEN HILL   COCT 1829   GUN ROCK TO GREEN HILL   COCT 1820   CIUN ROCK TO GREEN HILL & CUN ROCK TO GREEN HILL   COCT 1820   CIUN ROCK GREEN HILL   COCT 1820   CIUN ROCK GREEN HILL & CUN ROCK GREEN HILL & COUNGERT SEA	035-053-000-042-100	035-053-000-042-100-DCR1F		MA DPW	HULL	SEPT 1858	PROPOSED SHORE PROTECTION, STONE REVETMENT, GROIN & SAND AT GUN ROCK EASTERLY TOWARDS GREEN HILL MASSACHUSETTS BAY		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
035-053-000-042-100-DCR1H   2329   MA DPW   HULL   SEPT 1881   PROPOSED SHORE PROTECTION STONE REVETIMENT.   1	735-053-000-042-100	035-053-000-042-100-DCR1G		Commission on Waterways and Public Lands	HULL	OCT 1829	GUN ROCK TO GREEN HILL		ATLANTIC AVENUE NORTH AND SOUTH OF BATH AVENUE	
055-053-000-042-100-DCR11  2516   MA DPW	335-053-000-042-100	035-053-000-042-100-DCR1H	2329	MA DPW	HULL	SEPT 1981	PROPOSED SHORE PROTECTION STONE REVETMENT, GUN ROCK		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
085-053-000-042-100-DCR1J         2518         MA DPW         HULL         NAY 1868         PROPOSED SHORE PROTECTION CONCRETE SEA         2           085-053-000-042-100-DCR1A         216         MA DPW         HULL         OCT 1830         GUN ROCK TO GREEN HILL         2           085-054-000-022-100-DCR1A         1886         MA DPW         HULL         OCT 1837         PROPOSED SEAWALL REPAIRS GREEN HILL         1           085-054-000-028-100-DCR1B         1825         MA DPW         HULL         JUNE 1869         PROPOSED SEAWALL REPAIRS GREEN HILL         1           085-054-000-028-100-DCR1B         1825         MA DPW         HULL         JUNE 1869         PROPOSED SHORE PROTECTION SEA WALL REPAIRS         1           085-054-000-042-100-DCR1B         1488         MA DPW         HULL         JUNE 1869         PROPOSED SHORE PROTECTION SEA WALL REPAIRS         2           085-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1869         PROPOSED SHORE PROTECTION SEA WALL REPAIRS         2           085-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1869         PROPOSED SHORE PROTECTION SEA WALL REPAIRS         2           085-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1869         PROPOSED SHORE PROTECTION SEA WALL R	35-053-000-042-100	035-053-000-042-100-DCR11	2366	MA DPW	HULL	OCT 1962	PROPOSED STONE REVETMENT VICINITY OF GUN		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
035-053-000-042-100-DCR1A         1858         MA DPW         HULL         OCT 1830         GUN ROCK TO GREEN HILL         1           035-054-000-022-100-DCR1A         1858         MA DPW         HULL         OCT 1857         PROPOSED SEAWALL CONSTRUCTION GREEN HILL         1           035-054-000-022-100-DCR1B         1825         MA DPW         HULL         NOV 1845         PROPOSED SEAWALL REPAIRS GREEN HILL         1           035-054-000-022-100-DCR1B         1825         MA DPW         HULL         JUNE 1856         PROPOSED SEAWALL REPAIRS GREEN HILL         1           035-054-000-022-100-DCR1B         1825         MA DPW         HULL         FEB 1855         PROPOSED SEAWALL REPAIRS GREEN HILL         1           035-054-000-042-100-DCR1B         1888         MA DPW         HULL         FEB 1855         REVETMENT BETWEEN GREEN HILL & GUN ROCK         2           035-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1856         REVETMENT BETWEEN GREEN HILL & GUN ROCK         2           035-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1856         REPORTORED STONE BREAKWATER, ATLANTIC AVE.         2	735-053-000-042-100	035-053-000-042-100-DCR1J	2518	MA DPW	HULL	MAY 1966	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, GUN ROCK TO GREEN HILL		OCEAN SIDE ATLANTIC AVE AND GUN ROCK AVE	
035-054-000-022-100-DCR1A         1858         MA DPW         HULL         OCT 1867         PROPOSED SEAWALL CONSTRUCTION GREEN HILL         1           035-054-000-028-100-DCR1B         1625         MA DPW         HULL         NOV 1945         PROPOSED SEAWALL REPAIRS GREEN HILL         1           035-054-000-028-100-DCR1B         1625         MA DPW         HULL         JUNE 1950         PROPOSED SEA WALL & REVETMENT BETWEEN GUN         1           035-054-000-042-100-DCR1B         1468         MA DPW         HULL         FEB 1955         REVETMENT BETWEEN GREEN HILL & GUN ROCK         2           035-054-000-042-100-DCR1B         1889         MA DPW         HULL         APRIL 1950         STONE BREAKWATER, ATLANTIC AVE.         2           035-054-000-042-100-DCR1B         1889         MA DPW         HULL         APRIL 1950         STONE BREAKWATER, ATLANTIC AVE.         2	135-053-000-042-200	035-053-000-042-100-DCR2A	215	MA DPW	HULL	OCT 1930	GUN ROCK TO GREEN HILL		ATLANTIC AVENUE NORTH AND SOUTH OF BATH	
035-054-000-028-100-DCR1A         881         MA DPW         HULL         NOV 1945         PROPOSED SEAWALL REPAIRS GREEN HILL         1           035-054-000-028-100-DCR1B         1625         MA DPW         HULL         JUNE 1956         PROPOSED SEA WALL & REVETINENT BETWEEN GUN         1           035-054-000-042-100-DCR1B         1488         MA DPW         HULL         FEB 1955         A REVETINENT BETWEEN GLIN REPAIRS         2           035-054-000-042-100-DCR1B         1889         MA DPW         HULL         APRIL 1956         STONE BREAKWATER, ATLANTIC AVE.         2           035-054-000-042-100-DCR1B         1889         MA DPW         HULL         APRIL 1956         REPORTORED STONE BREAKWATER, ATLANTIC AVE.         2	135-054-000-022-100	035-054-000-022-100-DCR1A	1858	MA DPW	HULL	OCT 1857	PROPOSED SEAWALL CONSTRUCTION GREEN HILL		SUMMIT AVENUE	
035-054-000-028-100-DCR18   1825   MA DPW   HULL   JUNE 1959   RROPSED SEA WALL & REVETMENT BETWEEN GUN   1	135-054-000-028-100	035-054-000-028-100-DCR1A	861	MA DPW	HULL	NOV 1945	PROPOSED SEAWALL REPAIRS GREEN HILL		DRIFTWAY CONNECTING ATLANTIC AVE AND SUMMIT AVE	
035-054-000-042-100-DCR1A         1488         MA DPW         HULL         FEB 1865         RRVETMENT BETWEEN GREEN HILL & GUN ROCK         2           035-054-000-042-100-DCR1B         1888         MA DPW         HULL         APRIL 1868         RROPOSED STONE BREAKWATER, ATLANTIC AVE.         2           035-054-000-042-100-DCR1B         1889         MA DPW         HULL         APRIL 1865 GTROW         2	135-054-000-028-100	035-054-000-028-100-DCR1B	1625	MA DPW	HULL	JUNE 1856	PROPOSED SEA WALL & REVETMENT BETWEEN GUN ROCK & GREEN HILL	-	ADJACENT OCEAN SIDE ATLANTIC AVE	
035-054-000-042-100-DCR19 1889 MA DPW HULL APRIL 1959 ROPOSED STONE BREAKWATER, ATLANTIC AVE. 2	35-054-000-042-100	035-054-000-042-100-DCR1A	1468	MA DPW	HULL		PROPOSED SHORE PROTECTION SEA WALL REPAIRS & REVETMENT BETWEEN GREEN HILL & GUN ROCK		OCEAN SIDE ATLANTIC AVE AND SUMMIT AVE	
DAS DELINO AND	35-054-000-042-100	035-054-000-042-100-DCR1B	1888	MA DPW	HULL	$\overline{}$	PROPOSED STONE BREAKWATER, ATLANTIC AVE. GREEN HILL SECTION		OFFSHORE OF DRIFTWAY ADJACENT ATLANTIC AVE AND SUMMIT AVE	
MAY 1888 WALL, STONE REVETMENT GUN ROCK TO GREEN HILL 2	035-054-000-042-100	035-054-000-042-100-DCR1C	2518	MA DPW	HULL	MAY 1966	PROPOSED SHORE PROTECTION, CONCRETE SEA WALL, STONE REVETMENT GUN ROCK TO GREEN HILL	2 40	OFFSHORE OF AND ADJACENT TO DRIFTWAY ADJACENT ATLANTIC AVE AND SUMMIT AVE	

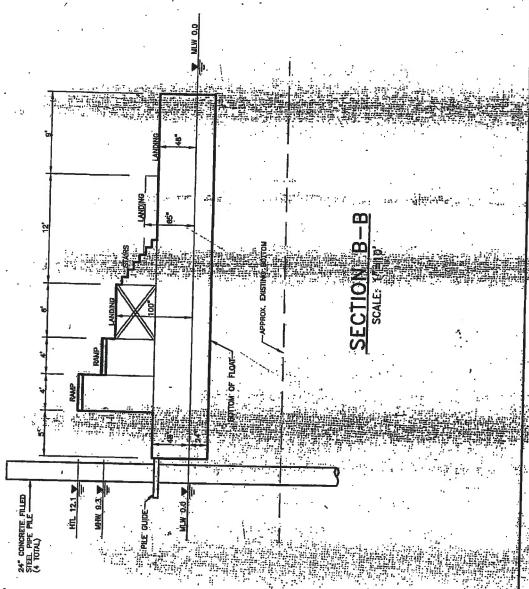
TOWN: HULL SOURCE: MA-DEP CHAPTER 91 LICENSE LOCATION: MA-DEP MAIN OFFICE, BOSTON, MA DATE OF RESEARCH: AUGUST 2006

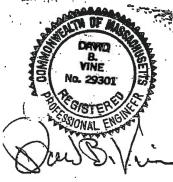
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	Description	CONSTRUCTION OF NEW FLOATS, RAMP, GANGWAYS AND STEEL PILES	JETTY IN HINGHAM BAY	BUILD AND MAINTAIN SEAWALL AND REVETMENT	BUILD AND MAINTAIN SEAWALL AND REVETMENT	BUILD AND MAINTAIN SEAWALL AND	BUILD AND MAINTAIN SEAWALL AND REVETMENT	MAINTAIN FILL, PIERS WITH FLOATS, MARINE R.R. AND MOORING DOLPHINS	RECONSTRUCT EXISTING REVETMENT	REPAIRS TO BREAKWATER	BUILD AND MAINTAIN SEAWALL AND REVETMENT
	Location	MAIN STREET	JAMES AVENUE	SPRING STREET AND NANTASKET AVENUE	SPRING STREET AND NANTASKET AVENUE	SPRING STREET AND NANTASKET	SPRING STREET AND NANTASKET AVENUE	FITZPATRICK WAY	SEAWALL BOULEVARD AT POINT ALLERTON	GUN ROCK POINT	ATLANTIC AVE
	Sheets	5	-	7	2	-	7	2	2	-	2
	Title	PLAN ACCOMPANYING PETITION OF: TOWN OF HULL TO CONSTRUCT NEW FLOAT WITH RAMPS, 2 NEW GANGWAYS, AND 4 STEEL PILES, HULL BAY, HULL MASSACHUSETTS	PLAN ACCOMPANYING PETITION OF THE TOWN OF HULL TO BUILD A STONE JETTY IN HINGHAM BAY HULL, MASS	PLAN ACCOMPANYING PETITION OF TOWN OF HULT TO BUILD AND MAINTAIN SEAWALL AND REVETNENT ALLERTON HARBOR TOWN OF HULL PLYMOUTH COUNTY, MA DECEMBER, 1888	PLAN ACCOMPANYING PETITION OF TOWN OF HULL TO BUILD AND MANTAIN SEAWALL AND REVETMENT ALLERTON HARBOR TOWN OF HULL PLYMOUTH COUNTY, MA DECEMBER, 1888	PLAN TO ACCOMPANY PETITION OF TOWN OF HULL BUILD A GRANITE RETAINING WALL IN HINGHAM BAY	PLAN ACCOMPANYING PETITION OF TOWN OF HULL TO BUILD AND MAINTAIN SEAWALL AND REVETMENT ALLERTON HARBOR TOWN OF HULL PLYMOUTH COUNTY, MA DECEMBER, 1888	PLAN TO ACCOMPANY PETITION OF TOWN OF HULL TO MAINTAIN EXISTING FILL, 3 PIERS WITH FLOATS, MARINE R.R. AND MOORNING DOLPHINS ALLERTON HARBOR HULL MASSACHUSETTS	PLAN ACCOMPANYING PETITION OF: DEM WATERWAYS TO RECONSTRUCT EXISTING REVERBENT, RAISE CREST 7.5 FT; AND EXCAVATE 3.500 CY OF SEDIMENT AT SEAWALL BOULEWARD, POINT ALLERTON, HULL MASSACHUSETTS	PROPOSED REPAIRS TO BREAKWATER GUN ROCK POINT HULL	PLAN ACCOMPANYING THE PETITION OF TOWN OF HULL TO BUILD AND MANTAIN SEAWALL AND REVETMENT MASSACHUSETTS BAYTOWN OF HULL COUNTY OF PLYMOUTH NA DECEMBER, 1989
	Date	OCT 14 2000	DEC 10 1935	OCT 10 1989	OCT 10 1989	DEC 10 1934	OCT 10 1989	OCT 28 1964	NOV 06 1998	JUNE 1923	JUNE 8 1989
	Municipality	HULL	HULL	HULL	HOLL	ПЛПН	HULL	HULL	HALL	HULL	HULL
	Entity	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91	DEP CH.91
Continue	Drawing	1661	1738	2093	2093	1641	2093	4860	7427	76	2039
	Document No	035-001-000-002-100.LIC1A.pdf	035-005-000-075-100.LIC1A.pdf	035-006-000-042-100.LIC1A.pdf	035-007-000-006-100-LIC1A.pdf	035-007-000-008-100-LIC1A.pdf	035-007-000-008-100-LIC1B.pdf	035-009-000-044-100-LIC1A.pdf	035-010-000-003-100-LIC1A.pdf	035-052-000-002-100-LIC1A.pdf	035-053-000-042-100-LIC1A.pdf
	Structure No	035-001-000-002-100	035-005-000-075-100	035-006-000-042-100	035-007-000-006-100	035-007-000-008-100	035-007-000-008-100	035-009-000-044-100	035-010-000-003-100	035-052-000-002-100	035-053-000-042-100





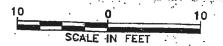


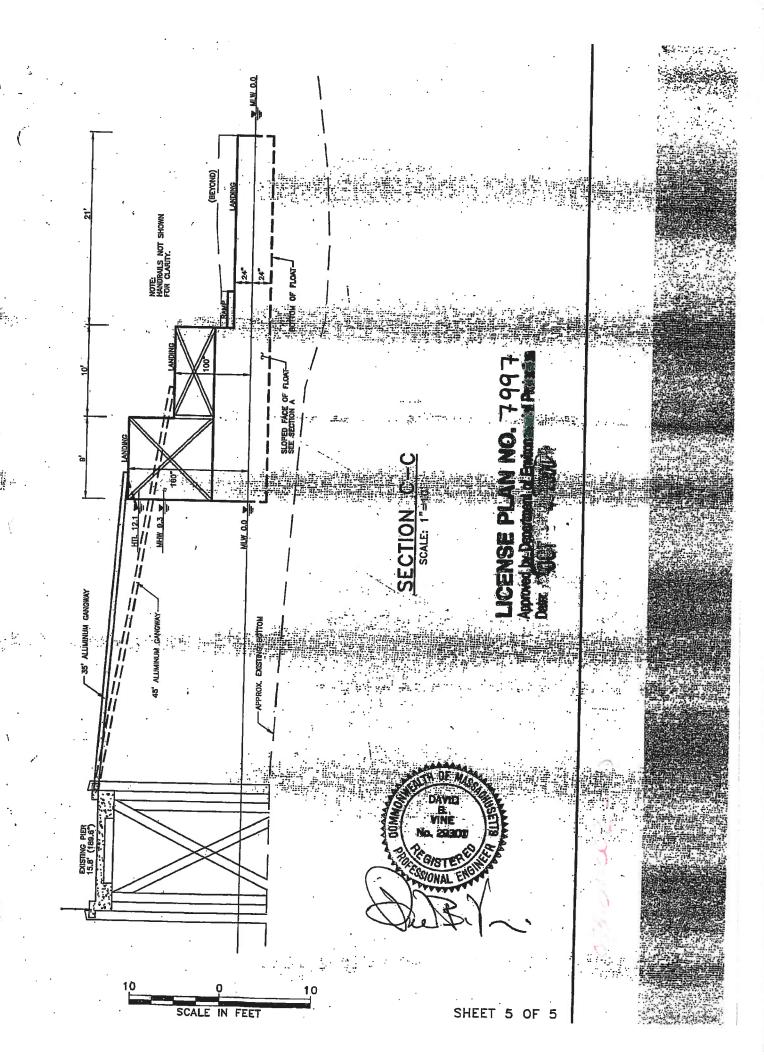




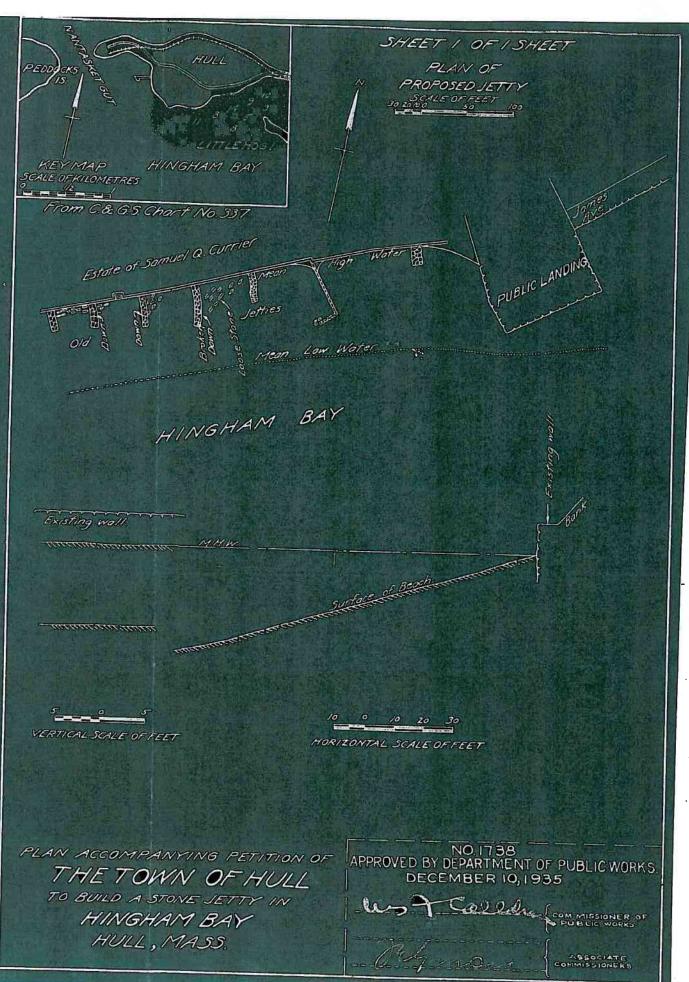
#### LICENSE PLAN NO. 7997

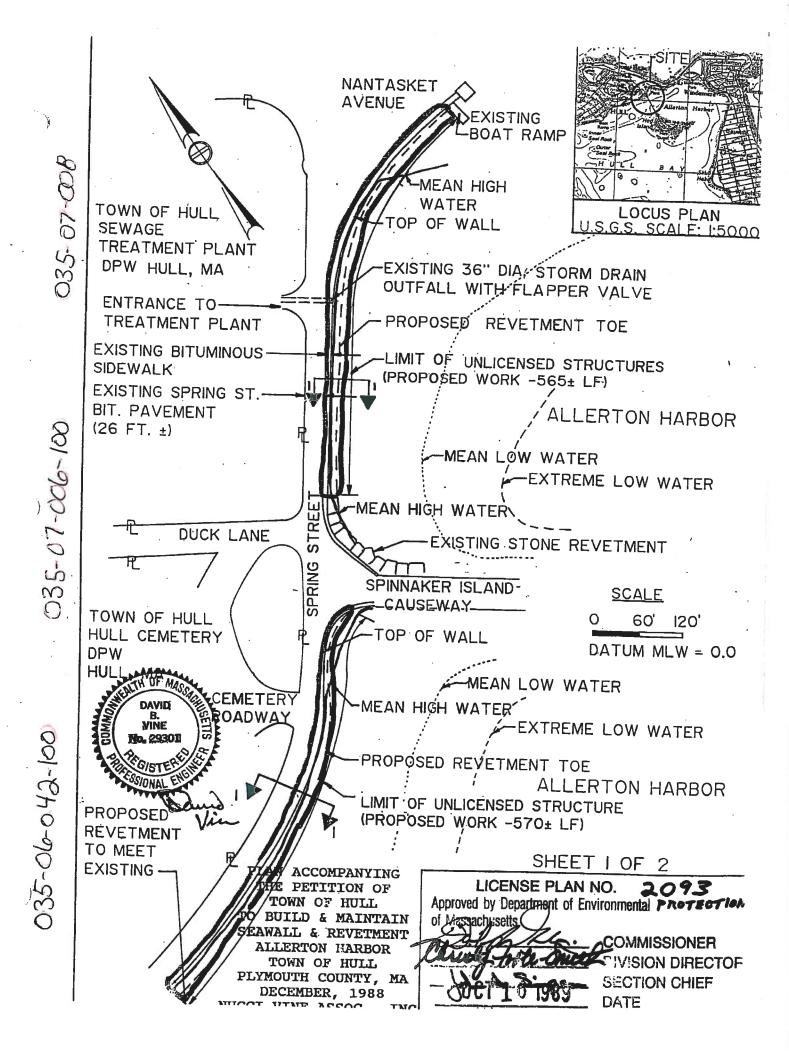
Approved by Department of Endromannial Protection
Date: 1

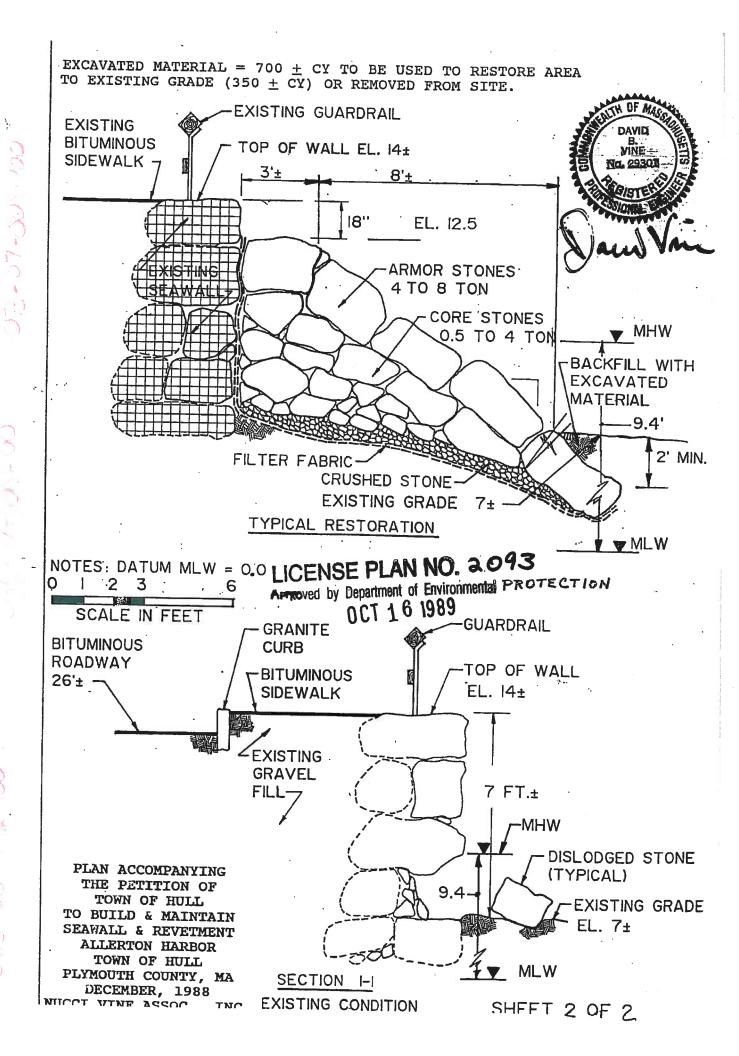


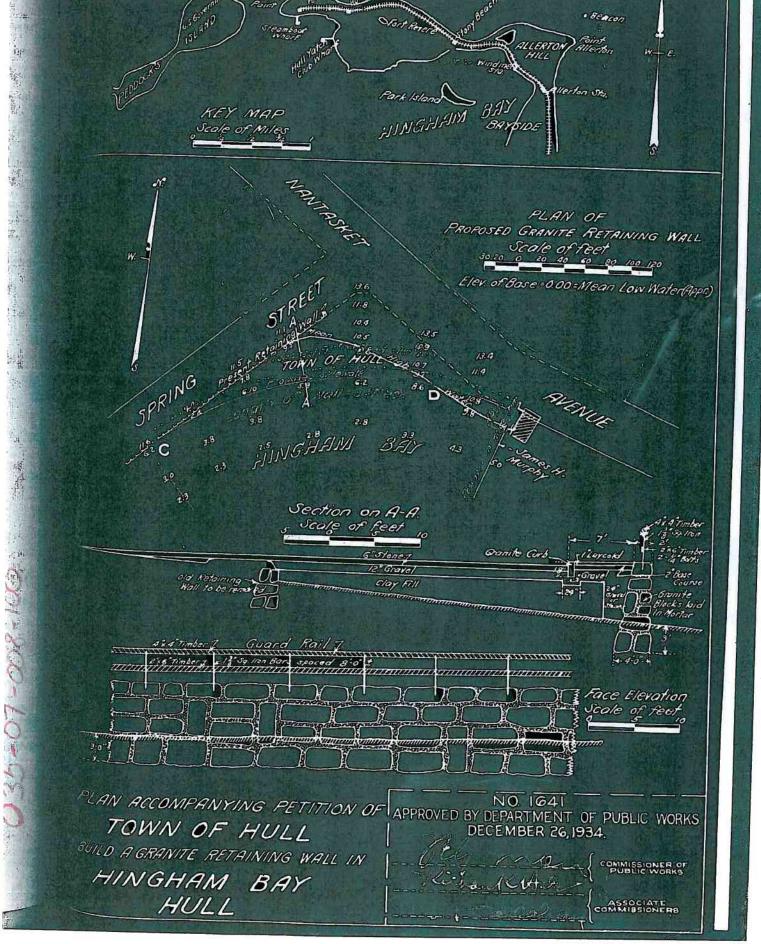


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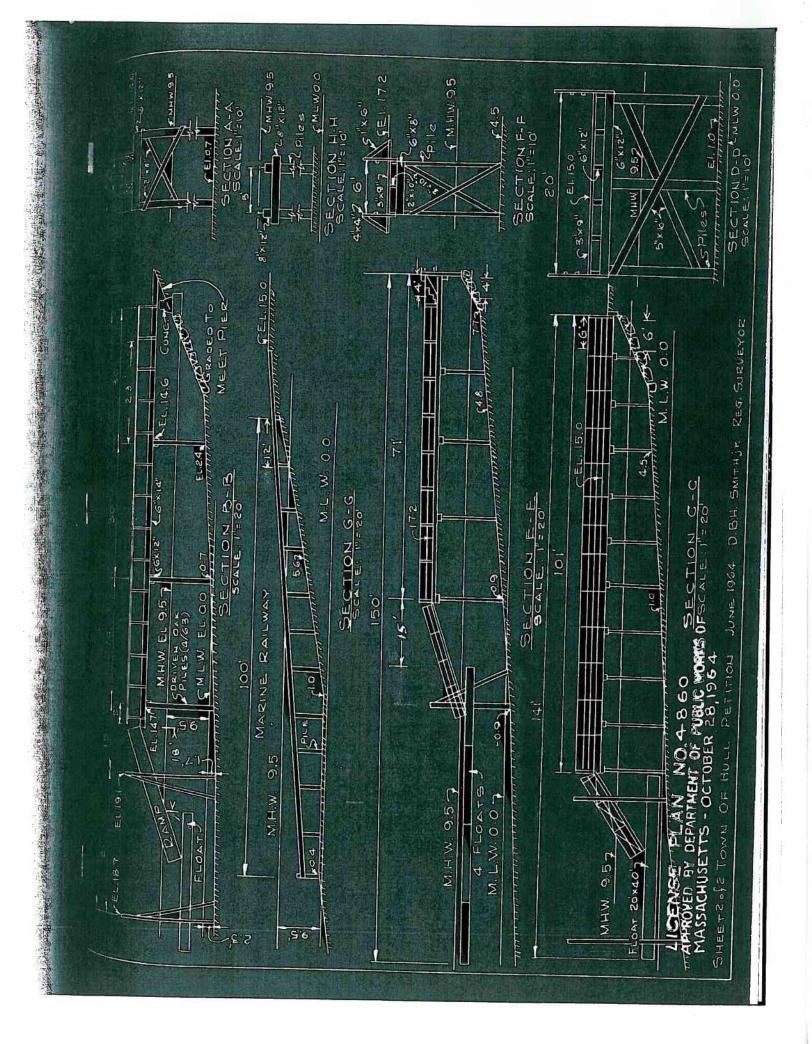


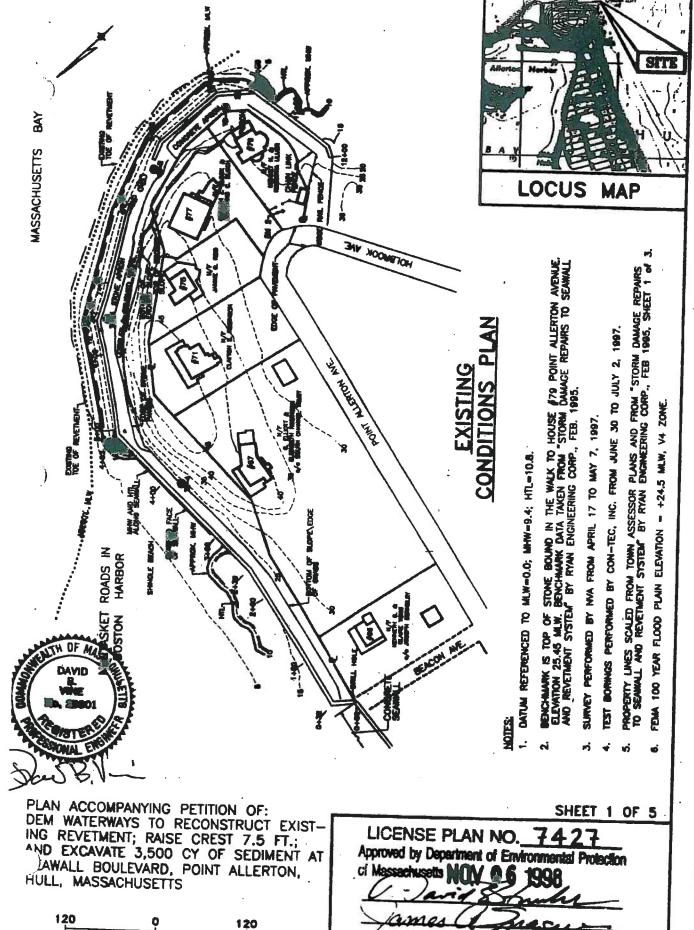




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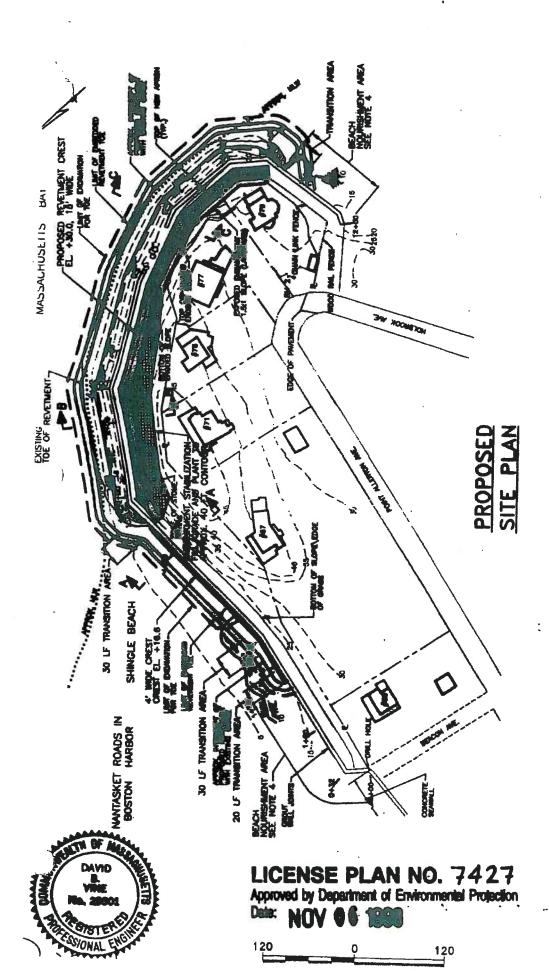
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SCALE IN FEET

035-10-003-100



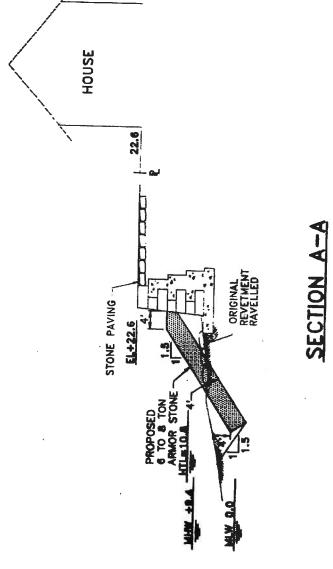
PROPERTY LINES SCALED FROM TOWN ASSESSOR PLANS AND FROM "STORM DAMAGE REPAIRS AND REVETHIBM" SYSTEM BY RYAN ENCHNEERING CORP., FEB. 1995, SHEET 1 of 3.

1. DATUM REPENENCED TO MLW=0.0; MHW=9.4; HTL=10.8.

SURVEY PERFORMED BY NVA FROM APRIL 17 TO MAY 1997.

EXCAVATED MATERIAL FOR REVETMENT TO BE TRANSPORTED TO NOURISHMENT AREAS.

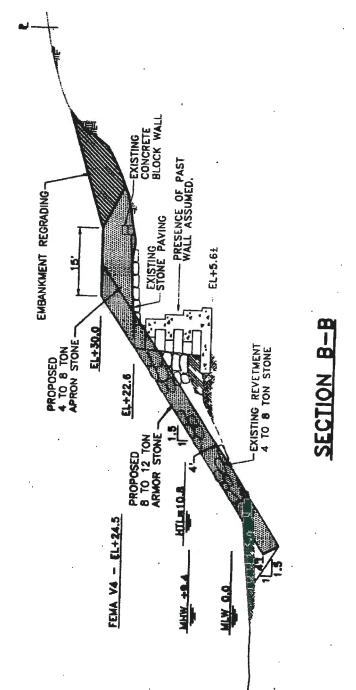
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# LICENSE PLAN NO. 7427 Approved by Department of Environmental Protection Date: NOV 0 6 1990







LICENSE PLAN NO. 7427
Approved by Department of Environmental Protection
Date: NOV 06 1998

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SHEET 5 OF 5

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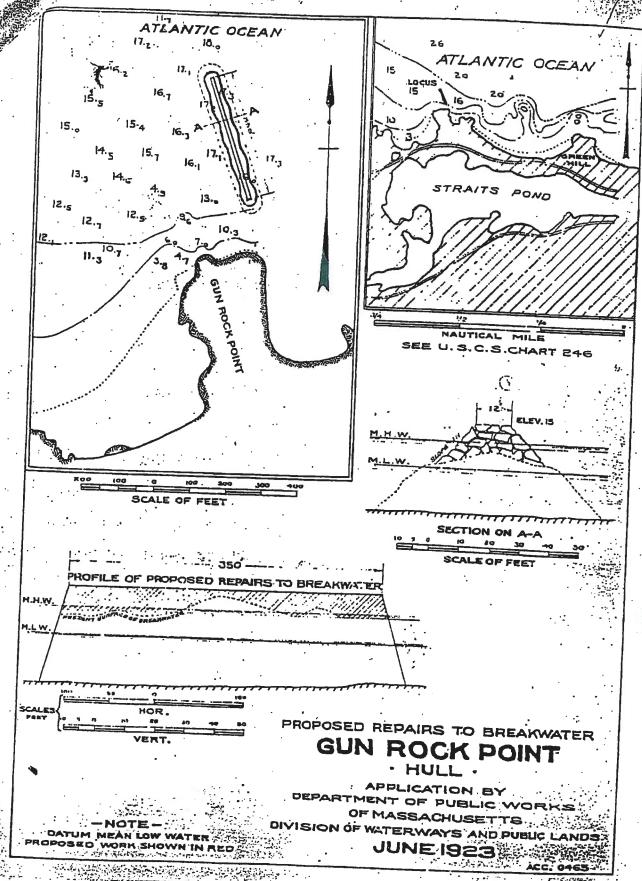
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STA 8+80

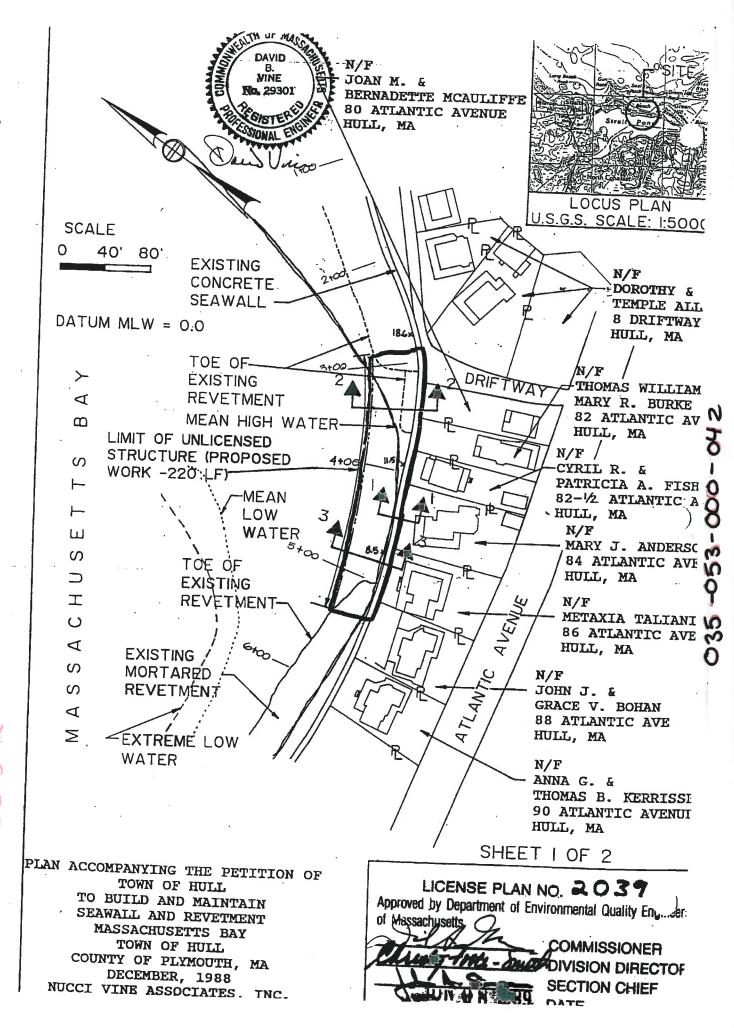
HOUSE

STA 10+75 (FLAT TO HOUSE)

# Contract No. 76



35-052-000-002-100



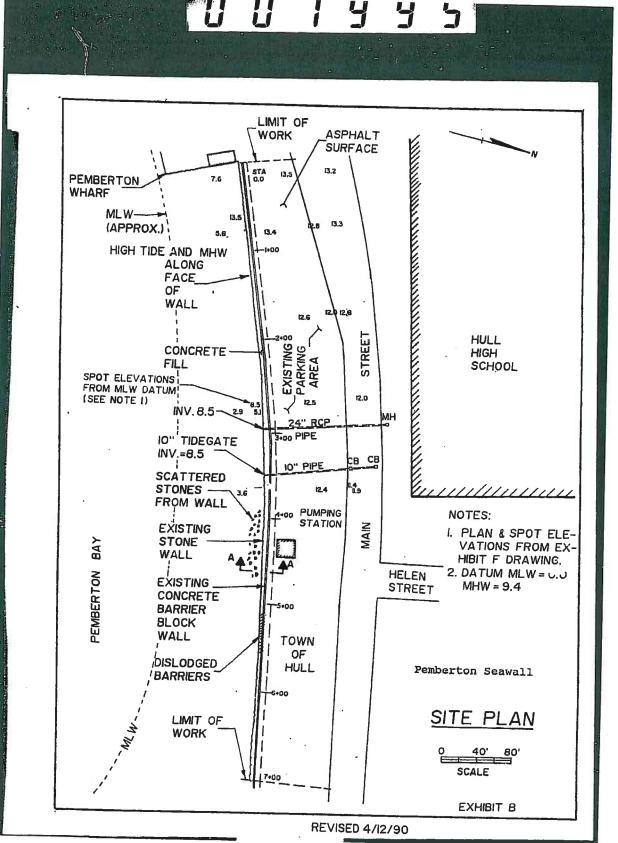
035 53-042

TOWN: HULL SOURCE: U.S. - ARMY CORPS OF ENGINEERS LOCATION: U.S.A.C.E. - NEW ENGLAND DISTRICT, CONCORD, MA DATE OF RESEARCH: AUGUST 2006

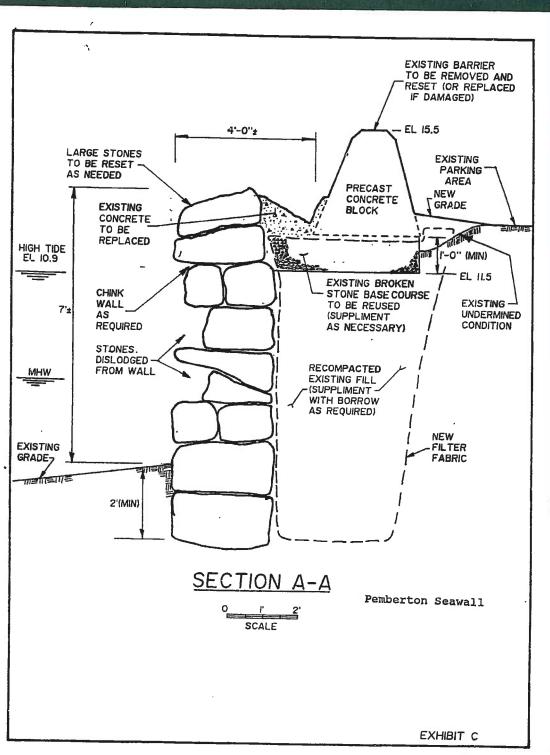
	Location Description	CONSTRUCTION AND REPAIRS TO PEMBERTON SEAWALL	INTERSECTION OF NANTASKET AVENUE AND SEAWALL REPAIR SEAWALL REPAIR	EVARD CONSTRUCTION OF REVETMENT	SHORELINE STABILIZATION USING REVETMENT		GUN ROCK IN MASSACHUSETTS BAY PROPOSED BREAKWATER	GUN ROCK IN MASSACHUSETTS BAY BREAKWATER REPAIRS	SHORELINE STABILIZATION USING REVETMENT	REEN HILL SHORELINE PROTECTION SHORELINE PROTECTION	SHORELINE STABILIZATION USING REVETMENT	REEN HILL SHORELINE PROTECTION SHORELINE PROTECTION	PROPOSED BREAKWATER	
	ets.	MAIN STREET	INTERSECTION OF FITZPATRICK WAY.	SEAWALL BOULEVARD	CADISH AVENUE	STONEY BEACH ROAD	GUN ROCK IN M	GUN ROCK IN M	GUN ROCK AVENUE	GUN ROCK TO GREEN HILL	GUN ROCK AVENUE	GUN ROCK TO GREEN HILL	GREEN HILL	
	Sheets	2	2	6	20	2	-	6	2	8	24	2	-	
	Title	APRIL 12 1990 PEMBERTON SEAWALL	APRIL 12 1890 NANTASKET AVENUE SEAWALL AND REVETMENT	EXISTING CONDITIONS PLAN, PROPOSED SITE PLAN, SECTION A.A	CADISH AVENUE EMBANKMENT STABILIZATION PROJECT	O STONEY BEACH ROAD SEAWALL	PROPOSED BREAKWATER WALL VICINITY OF GUN	GUN ROCK BREAKWATER, PROPOSED BREAKWATER REPAIRS	GUN ROCK AVENUE, HULL MASSACHUSETTS, EXISTING SITE PLAN AND SECTIONS.	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, MASSACHUSETTS BAY, GUN ROCK TO GREEN HILL	GUN ROCK AVENUE, HULL MASSACHUSETTS, EXISTING SITE PLAN AND SECTIONS.	PROPOSED SHORE PROTECTION CONCRETE SEA WALL, STONE REVETMENT, MASSACHUSETTS BAY, GUN ROCK TO GREEN HILL	PROPOSED BREAKWATER VICINITY OF GREEN HILL	PROPOSED SHORE PROTECTION CONCRETE SEA
	Date	APRIL 12 1990	APRIL 12 1890	JUNE 1898	DEC. 2001	APRIL 12 1990 ST	JUNE 1960	1985	1996	MAY 1968	1896	MAY 1988	MAY1958	
	Municipality	HULL	HULL	HOL	HULL	HULL	HULL	HULL	HOLL	HULL	TINH	HULL	HULL	
	Entity	USACE	USACE	USACE	USACE	USACE	USACE	USACE	USACE	USACE	USACE	USACE	USACE	
W	Drawing Number	USACE-CENED- OD-R1990-00827	USACE-CENED- OD-R1990-00827	USACE-CENED- OD-R-199800254	, USACE-CENED- R-200102871		USACE-NEDNP 60-268	USACE 65-502	USACE-CENED- OD-R-199802281	USACE NEDOD- S 66-182	USACE NED-OD- R-1996022B1	USACE NEDOD- S-86-182	USACE NEDNP 58-215	USACE NEDOD-
	Document No	035-001-000-002-100   035-001-000-002-100-COE1A.pdf   DD-R1990-00827	035-009-000-033-100 035-009-000-033-100-COE1A-pdf OD-R1890-00827	035-010-000-003-100 035-010-000-003-100-COE1A.pdf USACE-CENED	035-014-000-048-100   035-014-000-048-100-COE1A.pdf   USACE-CENED- R-200102871	035-051-000-038-100-COE1A.pdf	035-052-000-002-100-COE1A.pdf	035-052-000-002-100-COE1B.pdf USACE 65-502	035-052-000-088-100 035-052-000-068-100-COE1A.pdf   USACE-CENED-	035-052-000-089-100 035-052-000-069-100-COE1B.pdf	035-053-000-042-100 035-053-000-042-100.COE1A.pdf D-189602281	035-053-000-042-100 035-053-000-042-100-COE1B.pdf USACE NEDOD- S-86-182	035-054-000-042-100 035-054-000-042-100-COE1A.pdf	USACE NEDOD-
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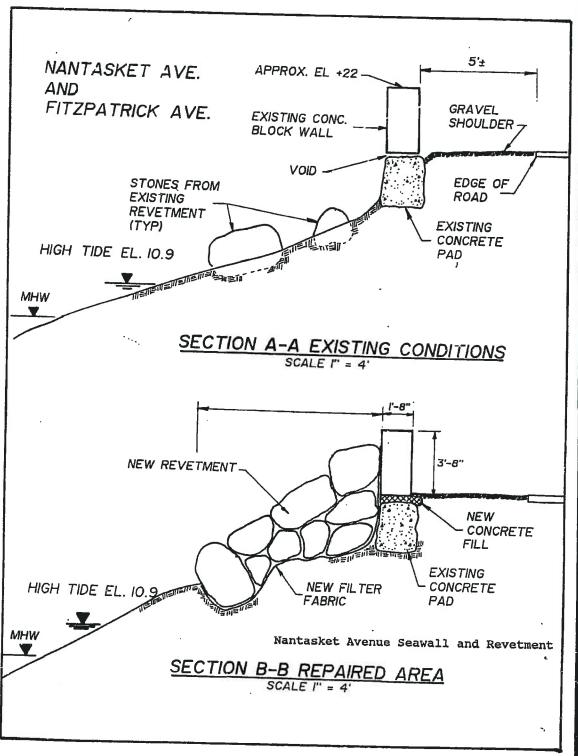
035-069-000-033 USACE CENED - OD-R./9900827 — MASSACHUSETTS BAY——— EXISTING REVETMENT **EXISTING** REVETMENT STONES INTERSECTION OF SEAWALLS HIGH TIDE UTILITY EL 10.9 POLE APPROX. (TYP) MHW DAMAGED GRAVEL \_ SHOULDER AREA NANTASKET AVENUE Nantasket Avenue Seawall and Revetment EXISTING CONDITIONS PLAN SCALE I" = 10'

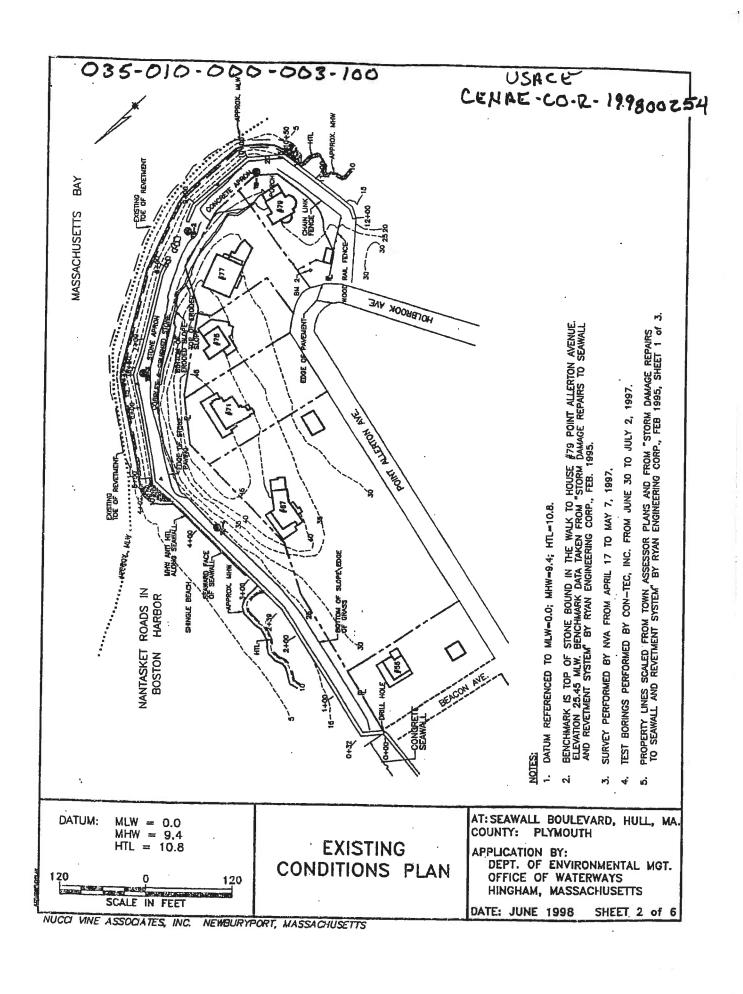
REVISED 4/12/90

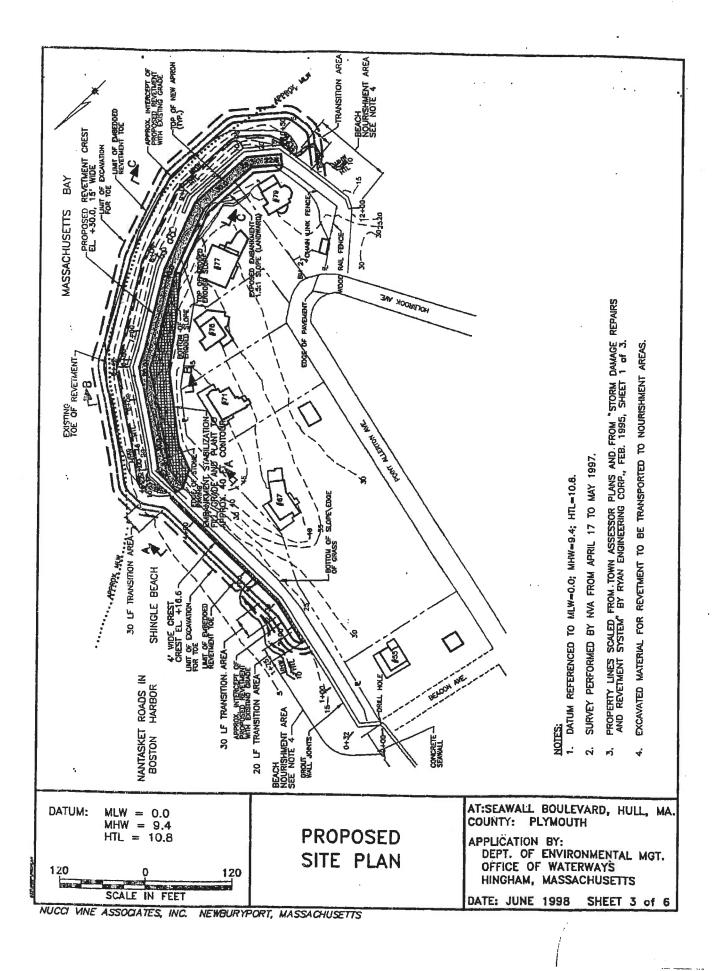
EXHIBIT B

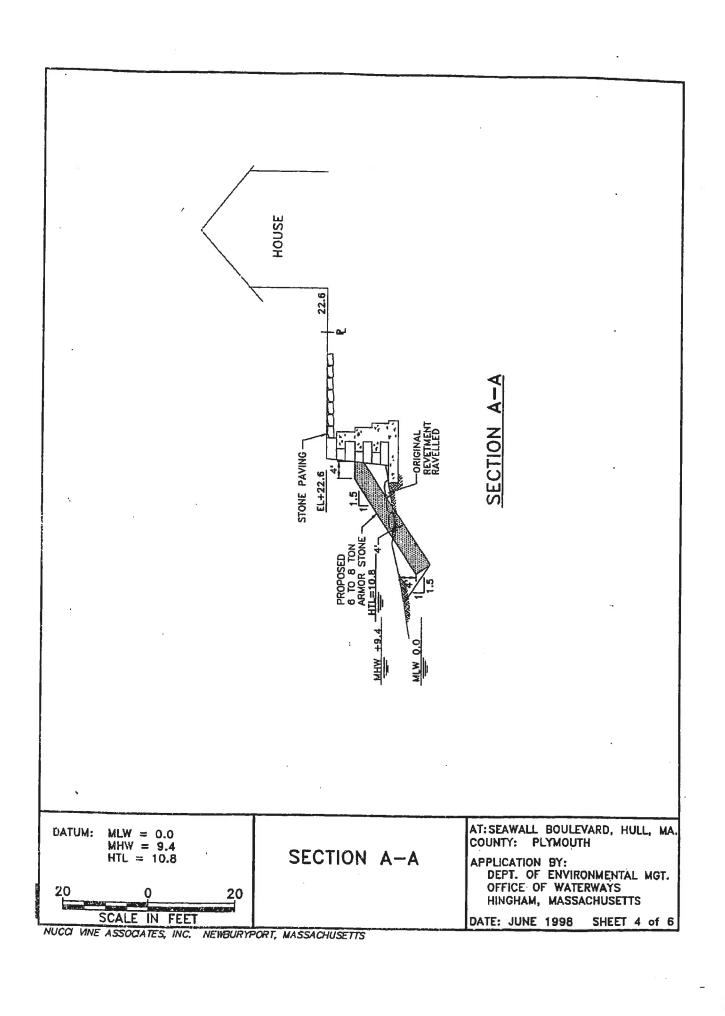
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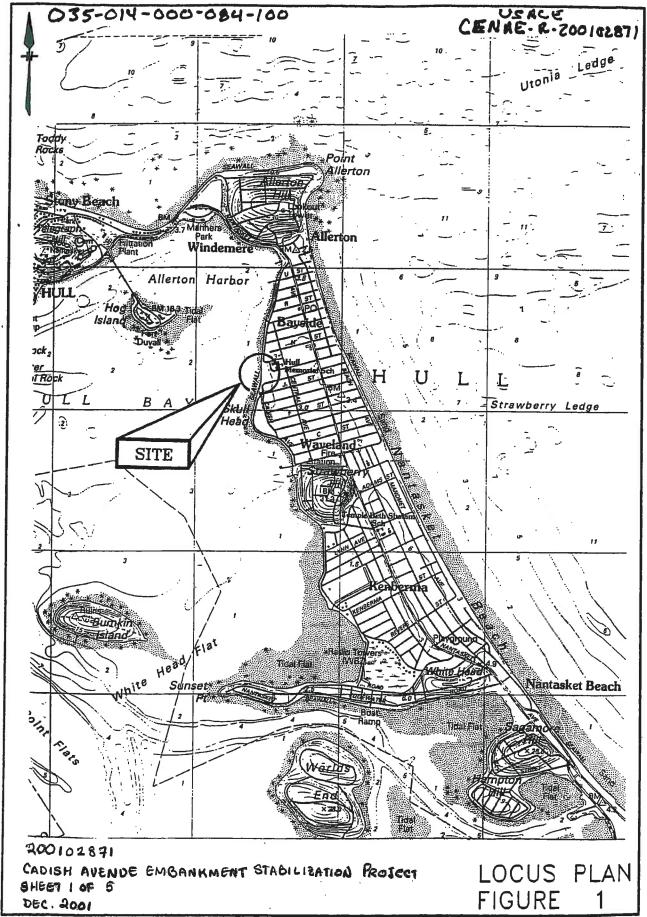
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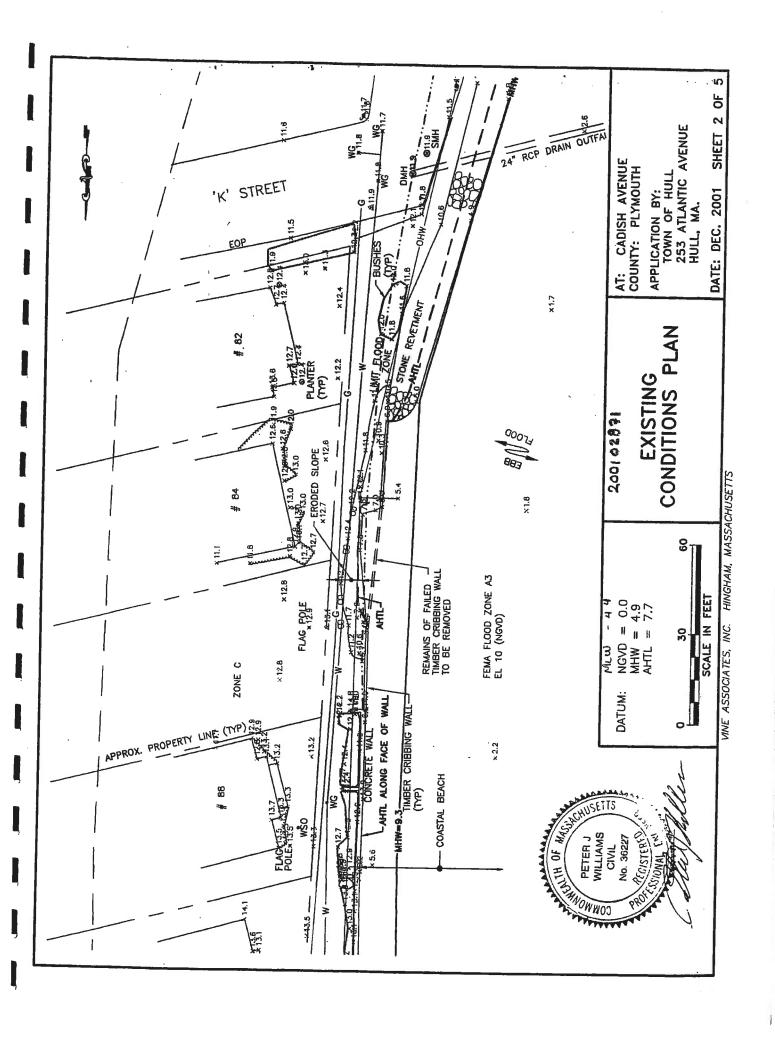


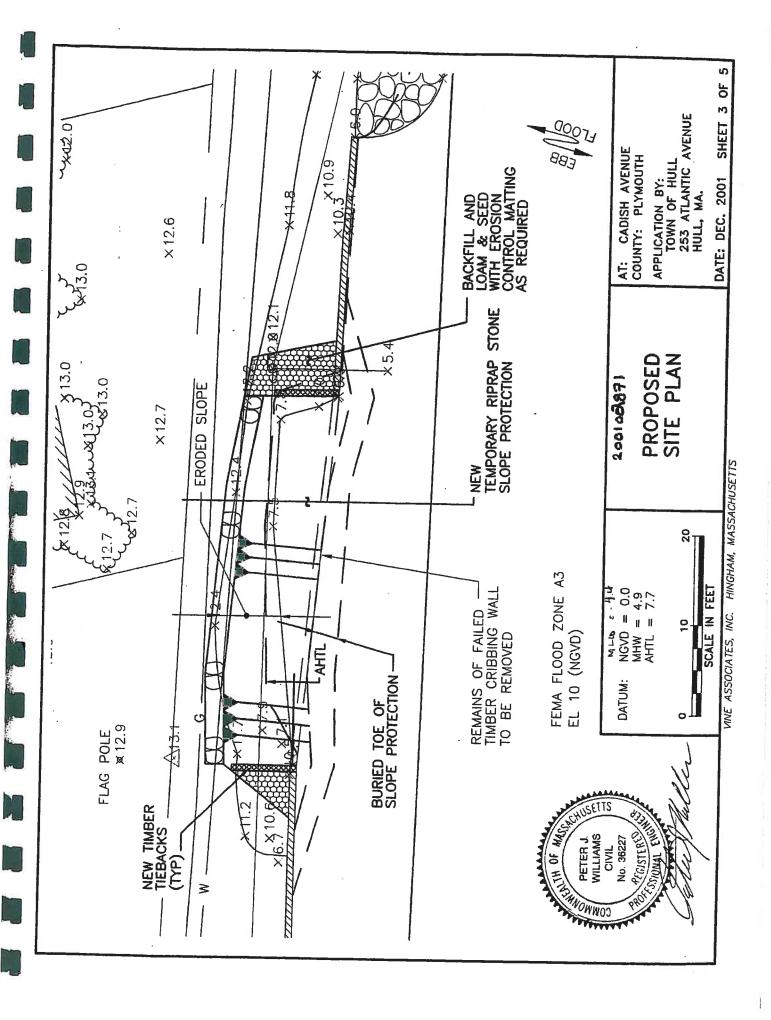


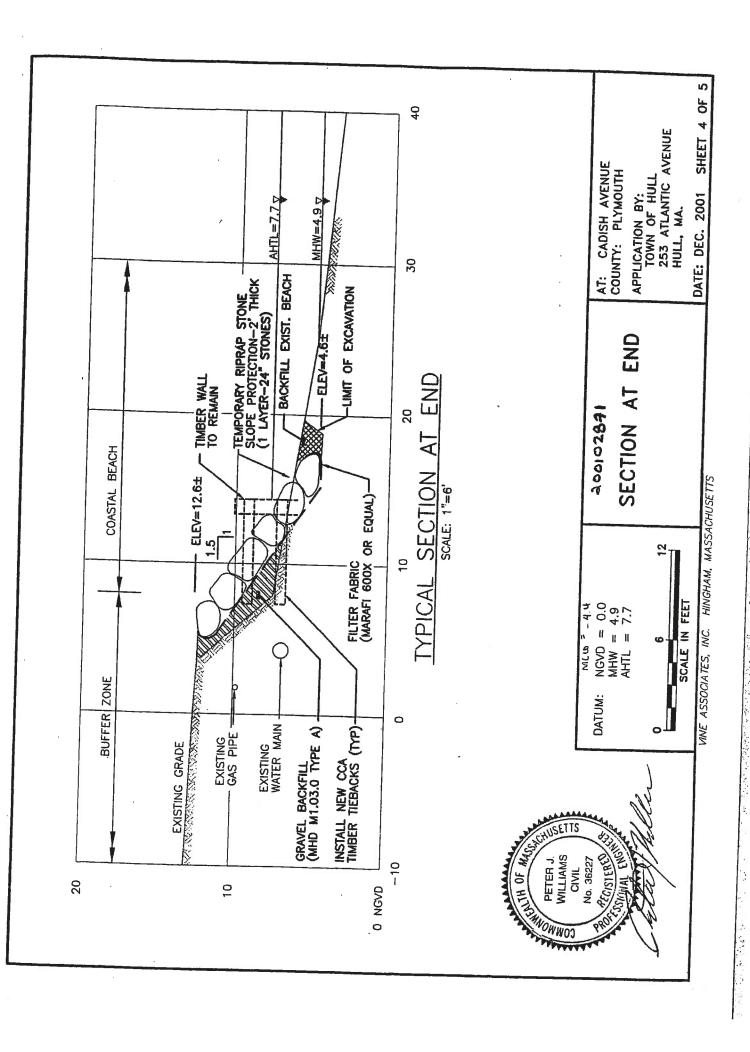


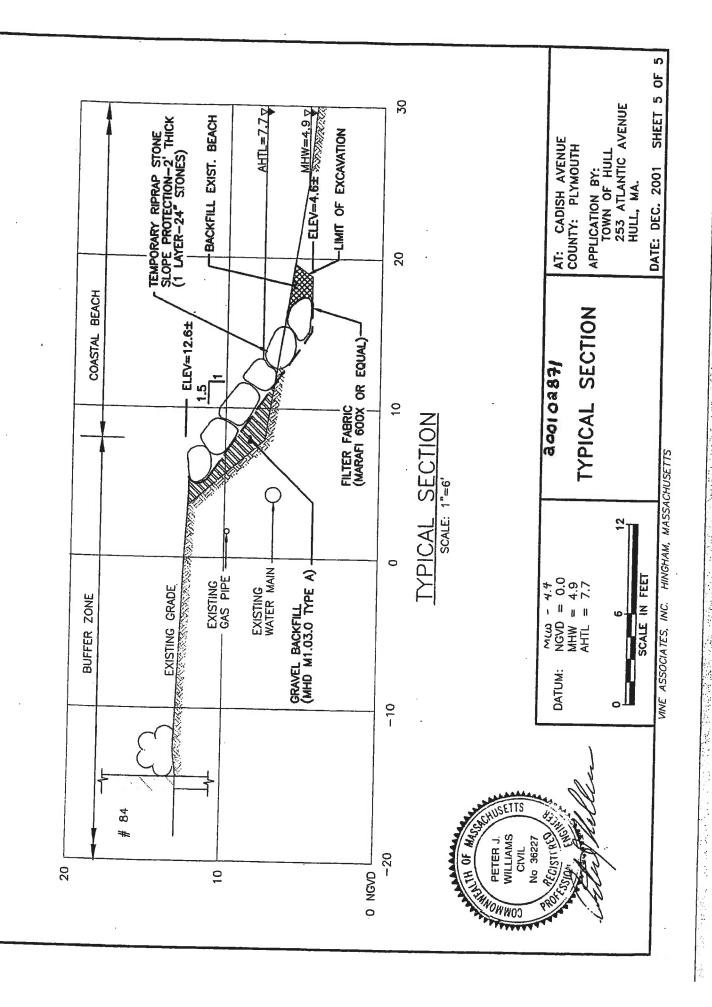








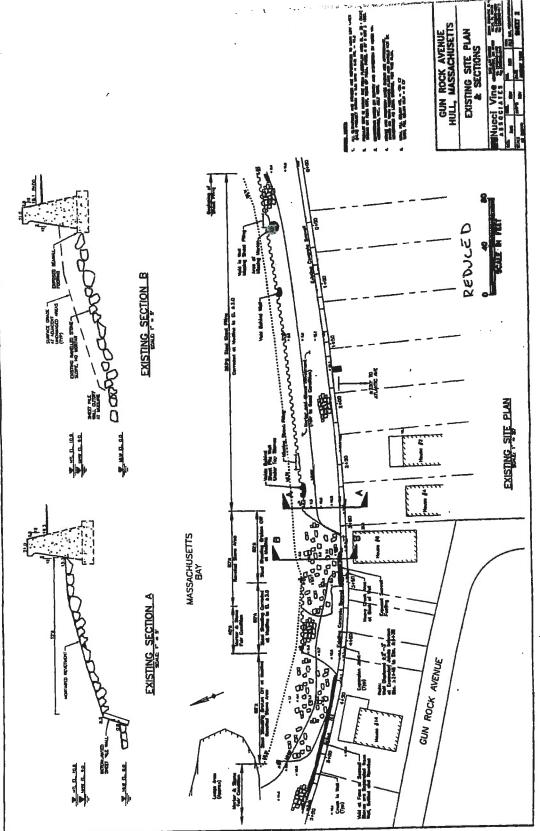


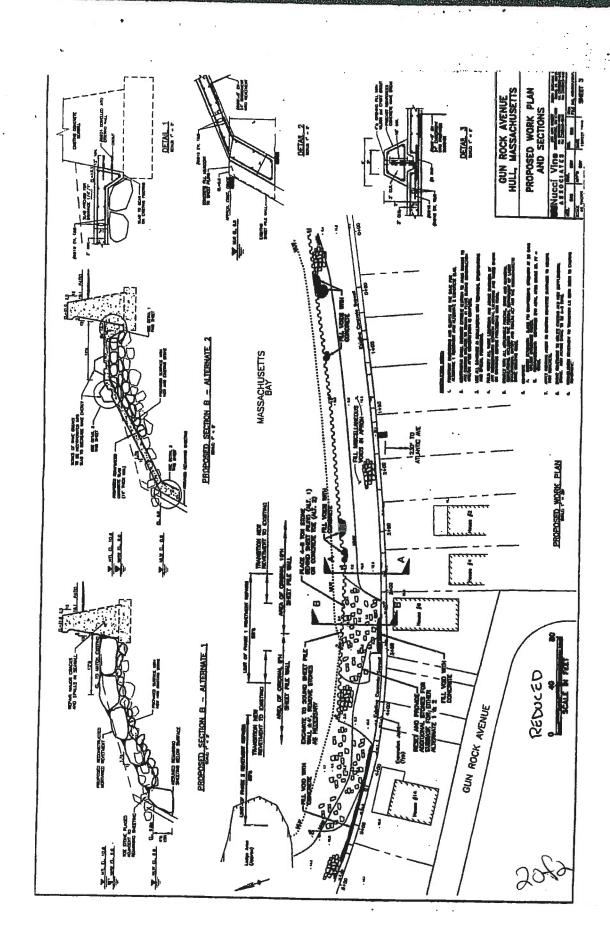


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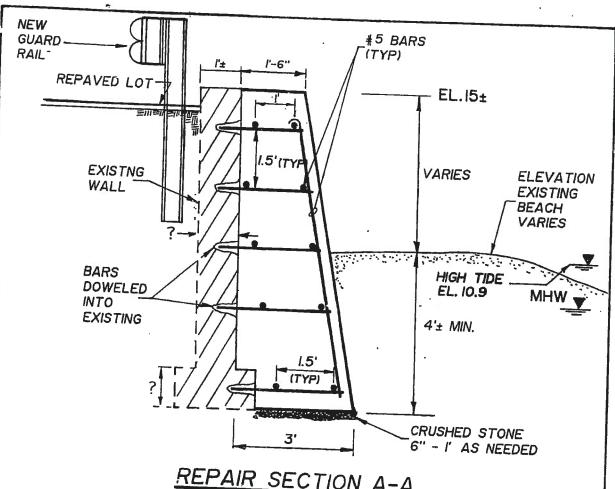
935-052-000-169-100 935-053-000-042-100

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035-051-000-038 USACE NEWD ES-00052 **EXISTING** CONCRETE SEAWALL **EXISTING** FOUNDATION WALLS 12' TO REMAIN NORTH WING WALL AND EAST WALL GUARD RAIL MASSACHUSETTS PAVED PARKING AREA 48' MHW-STONEY BEACH ROAD HIGH TIDE - l'± EL. 10.9 EXISTING FOUNDATION WALL TO BE REMOVED 20' **HYDRANT** SOUTH WALL AREA **ERODING** ROCK OUTCROPPING SEE REPAIR AREA DETAIL EXHIBIT C Stoney Beach Road Seawall EXISTING FOUNDATION WALL TO REMAIN EXISTING CONDITIONS PLAN SCALE I" = 10' **REVISED 4/12/90** EXHIBIT B



# REPAIR SECTION A-A

SCALE 1/2" = 1'-0"



REPAIR AREA DETAIL

SCALE 1/4" = 1-0"

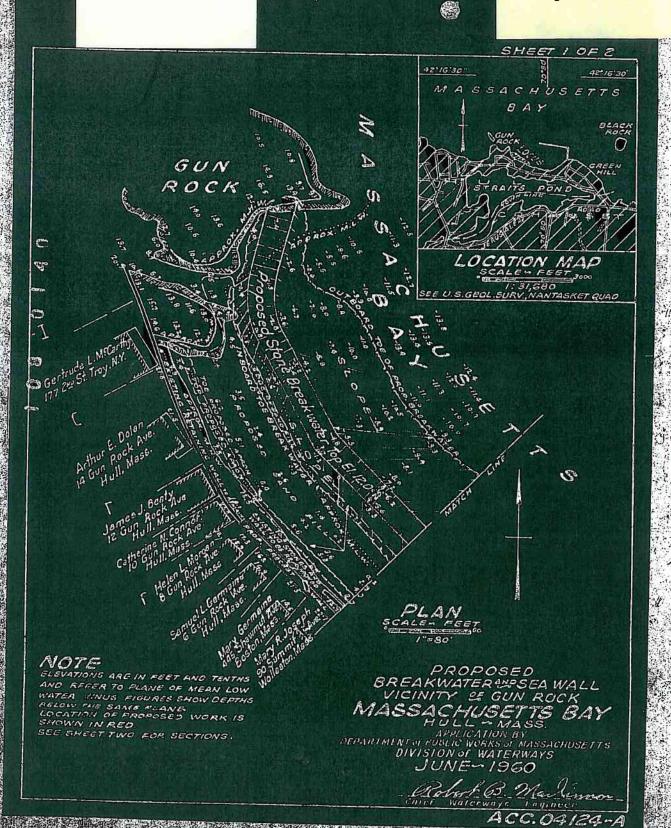
Stoney Beach Road Seawall

REVISED 4/12/90

EXHIBIT C

035-052.000

USACE # NEDMA GO-268



USACE 85-502

035-052-000-002-100

SITE 'STE'S TO STEEL STE

PROPERTY OWNERS:

SCALE | 1 | 0 20 40 60 80

GUN ROCK BREAKWATER

PURPOSE: RESTORE

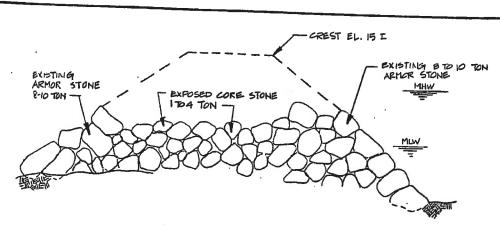
RESTORE EXISTING BREAKWATER

DATUM: MLW

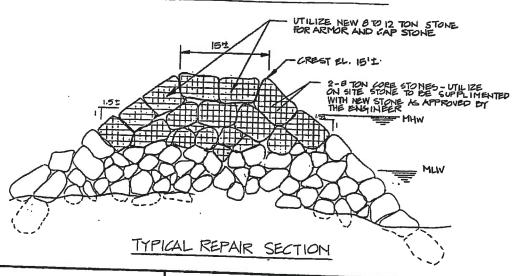
PLAN VIEW

NUCCI VINE ASSOCIATES, INC. 253 LOW STREET NEWBURYPORT, MA 01950 PROPOSED BREAKWATER REPAIRS

IN: MASSACHUSETTS PAY AT: GUN ROCK BREAKWATER COUNTY OF: PLYMOUTH APPLICANT: TOWN OF HULL



### TYPICAL DAMAGED AREA



PURPOSE:

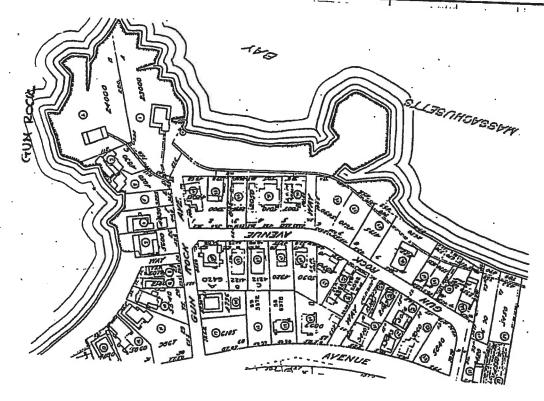
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RESTORE EXISTING BREAKWATER SECTION VIEW

NUCCI VINE ASSOCIATES, INC. 253 LOW STREET NEWBURYPORT, MA 01950 PROPOSED BREAKWATER REPAIRS

IN: MASSACHUSETTS BAY
AT: GUN ROCK BREAKWATER
COUNTY OF: PLYMOUTH
APPLICANT: TOWN OF HULL



LIST OF ADJUILGING PROPE LOCATION: GUN ROCK	RTIES
--	-------

10	OWNER/LOC .	LIST OF ADJOIGING PROPERTIES LOCATION: GUN ROCK MAILING ADDRESS						
52-0@	Pitero Mimia B S Damon Park Road Reave Judith F 7 Damon Park Road	52 Brian Driva Brockton, NA 02401 c/o Judith MacKinnon 7 Damon Park Rood	52-00 <b>5</b> )	5 Demon Park Road	S Damon Park Roz Hull, MA O204S			
52-00 <b>9</b>	Donahos Mary Rita 5 Damon Park Road Bohan Thomas P & Della K 3 Damon Park Road	Mull, MA O2045  5 Damon Park Road Hull, MA O2045  3 Damon Park Road Hull, MA O2045	52-00D 52-00D	34 Damon Park Road  Libertine Angolo 36 Damon Park Road  Glover Walter J & Mona S Damon Park Road	c/o John White 34 Damon Park Road Hull, MA 02045 324 Adams Street Ouincy, MA 02189 215 Pond Street 5. Waymouth, MA			
PURPOSE	RESTORE EXISTING BREAKWATEP	PLAN VIE		PROPOSED BRE	AKWATER REPAIRS			

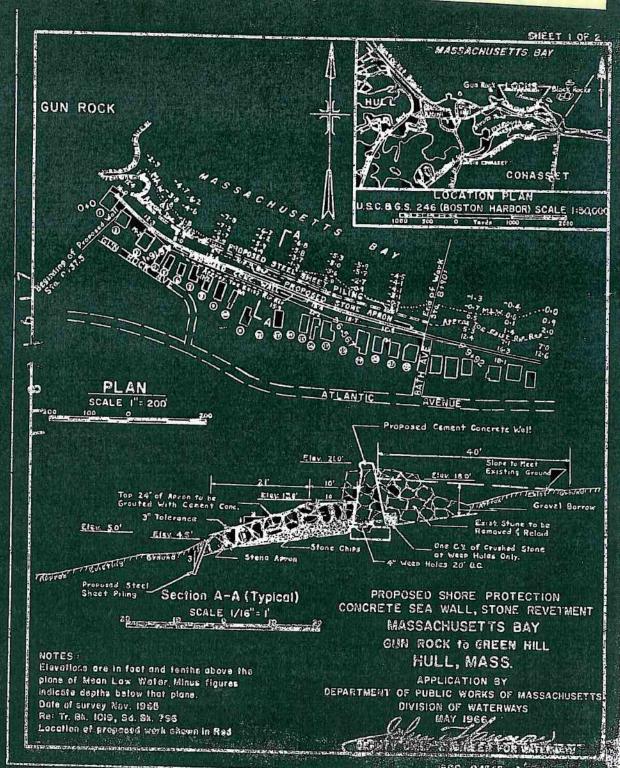
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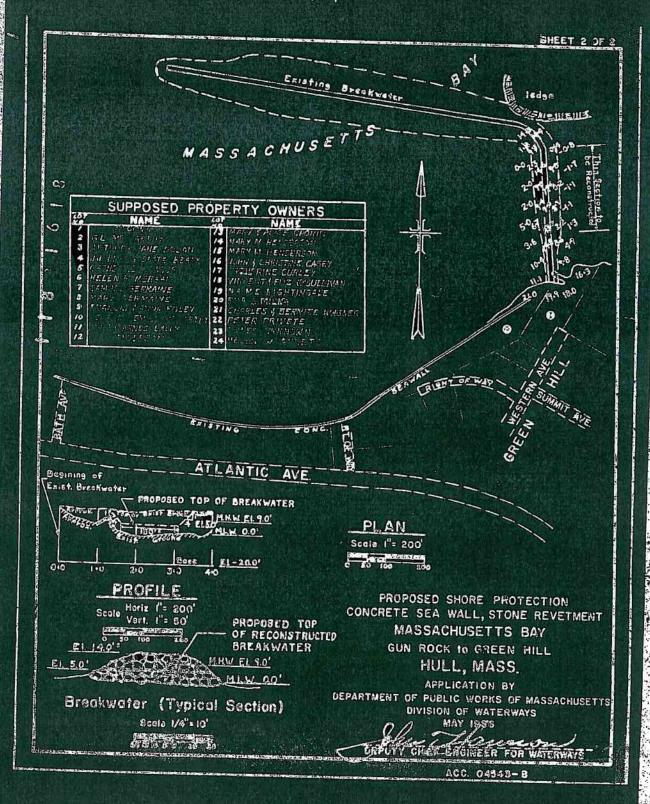
NUCCI VINE ASSOCIATES, INC. 253 LOW STREET NEWDURYPORT, MA 01950

IN: MASSACHUSETTS BAY
AT: GUN ROCK BREAKWATER
COUNTY OF: PLYMOUTH
APPLICANT: TOWN OF HULL

035-053-000-042-100 035-052-000-068-100 035-064-000-042-100

USACE+ NEDOD-S 66-182





035-054-000-042-100

USACE NEONP 58-215

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SEE SHEET 2 FOR LOCATION MAP

### PROPERTY OWNERS

-15.0 872 4

( ) HAZEL M. CASESS

\$ 5

- FRANCIS J CARROLL DOROTHY L ALLEN
- JAMES J. MECORMICK
- WILLIAM H. MURPHY WILLIAM D. WELCH
- O OWNER UNKNOWN CHARLES F. MURPHY:
- B CHARLES F. MURPH O JOHN P. TREANOR HELEN W. ANNETT
- 183 LAKE ST, WEYMOUTH
- HORIMBALL RO, DEDHAM BOX 28, STRAITS POND, HULL IS UPCREST RD., BRIGHTON. 70 HILLSIDE ST., BOSTON

BRECKWAT

BOSTON 42 ELIOT ST. JAMAICA PLAIN SOB KINGS HWY HOBOKEN, N.J.

ATLANTIC

PLAN SCALES- FEET. 1" = 200

#### NOTE

COLVATIONS ARE IN ISST AND TENTED AND TENTED ARE IN ISST OF MEAN COW. WATER SHOW PERSONS SHOW DEPTHS HELDIN MANE MANY

FOR SECTIONS AND PROPERTY

IN THE OF PREPARED WHILE SHOWN

PROPOSED BREAKWATER VICINITY OF GREEN HILL MASSACHUSETTS BA

RIGHT OF WAY

AVENUE

AFALICATION BY BLIC WORKS OF MASSACHUSETTS UL BARTAN NT SPE DIVISIONOF WATERWAYS

MAY-1958

ACC. 03852-A

**GUN ROCK POI** 035-054-00-042-10 GUHRECK BRENKLAMTER The same of the sa