

NANTUCKET, MA
COASTAL MANAGEMENT
PLAN



Town of Nantucket
2014

Table of Contents

Introduction	
Coastal Management Principles	
Sector Map Index	
Town Resources within Sectors	
Sector 1A Map	
Sector 1B Map	
Sector 1A and 1B Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	
Sector 2 Map	
Sector 2 Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	
Sector 3 Map	
Sector 3 Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	
Sector 4 Map	
Sector 4 Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	
Sector 5 Map	
Sector 5 Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	
Sector 6 Map	
Sector 6 Summary	
Historic Shoreline and Transects	
Hurricane Surge Inundation	
Action Items	
Photos, Present conditions	

Sector 7 Map

Sector 7 Summary

Historic Shoreline and Transects

Hurricane Surge Inundation

Action Items

Photos, Present conditions

Sector 8 Map

Sector 8 Summary

Historic Shoreline and Transects

Hurricane Surge Inundation

Action Items

Photos, Present conditions

Sector 9 Map

Sector 9 Summary

Historic Shoreline and Transects

Hurricane Surge Inundation

Action Items

Photos, Present conditions

Sector 10 Map

Sector 10 Summary

Historic Shoreline and Transects

Hurricane Surge Inundation

Action Items

Photos, Present conditions

Sea Level Trends, Nantucket Island Tide Gauge 8449130

High Tide Historic, Nantucket Island

Examples of High Tide Cycles during Storm Events

Massachusetts, Hurricane Evacuation and Flood Inundation, Nantucket Island April 2013

FEMA Flood Zones, Nantucket Island 2013

Performance Matrix

Coastal Management Plan: Introduction

The Coastal Management Plan (CMP) workgroup is a temporary workgroup formed by the Board of Selectmen in March of 2012 to create a Coastal Management Plan for the Town of Nantucket that establishes priorities and procedures for protecting and managing town owned infrastructure, public access points and roads around the island adjacent to the coastline. The impetus for creating the plan came as a result of two issues; 1) Nantucket wanted local control of the activities that would occur in our local waters and 2) the 2008 Annual Town Meeting voted to create Chapter 67-1 of our local code (and reaffirmed in 2013 stating: “There shall be a temporary moratorium on the use of Town properties located along the eastern coastline of Nantucket from Great Point south to and including the Siasconset sewer beds (hereinafter "Town-owned coastal land") for new coastal engineering structures, bluff armoring projects, hard or soft erosion control devices, bulkheads and the like, on Town-owned coastal land until December 31st 2013 or until a Coastal Management Plan was written” (see <http://ecode360.com/12120302> for the full text).. Exceptions for small pilot projects or emergencies were allowed.

The Town’s Department of Marine and Coastal Resources (David Fronzuto, Emergency Management/Marine Safety Coordinator, and Jeff Carlson, Natural Resources Coordinator) in conjunction with Kara Buzanoski, Director of the Department of Public Works, created the framework of the plan with a list of town owned property and roads and infrastructure throughout the island along with overarching principles of best practices. After review by the Town of Nantucket it was determined that drafting a more formal and comprehensive document would more completely address the intention of the Town Meeting Vote and the needs of the Town and a workgroup was formed. Current members include: Sarah Oktay (Conservation Commission representative and Chair), Bobby DeCosta (BOS representative and Co-Chair), Carl Borchert, Kirk Riden, Jamie Feeley, John Stover, and Emily MacKinnon (secretary). Bam LaFarge was an original member of the CMP and unfortunately had to step down to take care of family responsibilities but he continued to attend most meetings and contributed in a significant manner to the final product which the workgroup wishes to acknowledge.

The committee divided the island into 10 sectors due to the fact that each section of the island has different challenges, wave strengths, erosional patterns and concerns from federally protected species to public access. Topics the plan includes are arranged into a matrix which covers: water quality, coastal hazards, habitat, erosion control, harbors, public access policy, beach access policy, offshore resources, fisheries, alternative energy, homeland security, data accessibility, consistency with state and local laws, and integration with our municipal harbors plan. The CMP conducted thirty-six public meetings including six public hearings over the course of two years from March 2012 to March 2014. More information on the CMP can be found at: <http://www.nantucket-ma.gov/281/Coastal-Management-Plan-Work-Group>

The workgroup was charged with creating a Coastal Management Plan addressing how the town will manage and protect town property and infrastructure around the island. The charge of what to include in the Plan and how to best address these issues was suggested by the following process:

1. Prepare a recommended process* for presentation to the Board of Selectmen in March, 2012 for the development of a comprehensive Coastal Management Plan for Town-owned property.

**process to include input from interested individuals, groups or stakeholders, including how that input will be sought; regularly-scheduled public meetings in accordance with the requirements of the Open Meeting Law including the taking and posting of meeting minutes; utilization of technical assistance from the state's Coastal Zone Management agency and its StormSmart Coasts Program; regularly scheduled updates to the Board of Selectmen regarding progress or issues requiring policy direction; a timeline leading to the submittal of a final draft document to the Board of Selectmen, including an outline of what a final plan is expected to contain for the Board's review and approval in April, 2012*

2. Inventory and describe the town-owned property which will be covered by the Coastal Management Plan and identify any municipal infrastructure issues that should be addressed or noted, including areas that are most at risk and criteria which may be used to determine when and if action should be taken to address erosion or other issues.
3. Determine which town-owned properties should retain active unrestricted public access vs. more restricted access in order to reduce risk of infrastructure degradation or deterioration.
4. Identify known erosion-control methods or approaches and evaluate them in terms of industry standards, environmental impact, cost, public access and benefit, as well as where these methods or approaches would best work or not work at the town-owned property locations based on physical characteristics and any other conditions.
5. Identify cost-related items and any additional activities, resources, equipment, programs, etc that will/would be needed to implement action items in the final recommended Plan, including any and all permitting that would be required for implementation. If the Work Group believes that additional funding would help obtain this goal, it should make such a recommendation to the Board of Selectmen as part of its recommendations.

This plan is organized by sector with additional information, action items and recommendations presented at the end. The workgroup felt that frequent monitoring and evaluation of town infrastructure that was most vulnerable to erosion or sea level rise impacts was critical to effective planning and mitigation or remediation of impacts. Most importantly, this plan includes a performance matrix with **specific recommended action items** for identified infrastructure and according to vulnerabilities needs assessment. The recommended

action items may include additional cost-related activities, resources, equipment, and programs that will be needed for implementation.

Therefore, the workgroup recommends that the Board of Selectman appoint an *Implementation Committee* for this plan to include, but not be limited to, a member of the Department of Public Works, a member of the Office of Emergency Management, a member of the Department of Natural Resources, a member of the Conservation Commission, and three at large members for a total of 7 members. Plans are only as effective as the implementation that follows their adoption. Additional funding will be necessary to obtain these goals, and it is recommended that the Board of Selectmen actively seek funding, as appropriate, for the successful implementation of the Plan.

This document is a “living document” that should be re-evaluated every three to five years. It is important to note that this document can be amended at any time should the need arise. Technology advances and the availability and acquisition of current scientific data in the fields of erosion control and emergency hazard management will drive the requirement for frequent and timely updates.

ISSUES MATRIX:

Issue	Status	Recommend
Water Quality	Town Water Quality Initiative underway	Reference WQI in CMP to satisfy this issue
Habitat	Covered by Town of Nantucket Wetlands Protection Bylaw Chapter 136	Reference Bylaw in CMP to satisfy this issue
Coastal Hazards	Policy developed by CMP	
Erosion Control	Policy developed by CMP	
Harbors	Harbor Plan covers pertinent issues	Reference Harbor Plans in CMP to satisfy this issue
Public Access Policy	Policy developed by CMP CMP developed in consideration of One Big Beach, Roads and Right of Way Committees	
Beach Access Policy	Beach Management Plan completed	Reference WQI in CMP to satisfy this issue
Off Shore Resources	Covered by Commonwealth of Massachusetts Oceans Management Plan	Reference Ocean Management Plan in CMP to satisfy this issue
Homeland Security	Policy developed by CMP	
Alternative Energy	Policy being developed by NP&EDC	Considered in CMP, additional input to be given by NP&EDC
Fisheries	Covered by Town of Nantucket Wetlands Protection Bylaw Chapter 136, Harbor Plan and Shellfish Management Plan	Reference Bylaw and both plans in CMP to satisfy this issue
Data Accessibility	Website construction underway	Make drafts, updates and final principals available through town website
Consistency	See preparation and review	Existing plans and initiatives considered by CMP
Recreation	Covered by Town of Nantucket Wetlands Protection Bylaw Chapter 136 and Beach Management Plan	Reference Bylaw and BMP in CMP to satisfy this issue
Aesthetics	Covered by Town of Nantucket Wetlands Protection Bylaw Chapter 136	Reference Bylaw in CMP to satisfy this issue
Integration with Municipal Harbor Plan	Issues covered by CMP outside of scope of Harbor Plan	Reference Harbor Plans in CMP to satisfy this issue

TOWN RESOURCES: The Town resources listed under each Sector of this Plan includes Town owned coastal property with associated development and the Town taken roads that either terminate at the coast or are seaward roads running adjacent to and parallel with the coast.

COASTAL MANAGEMENT PRINCIPLES FOR ALL TOWN OF NANTUCKET OWNED PROPERTIES:

Water Quality

1) All projects should be reviewed for impacts to water quality. In the event that any portion of a proposed project may have a negative impact to water quality an appropriate monitoring plan should be required that will evaluate specified parameters pre, during and post construction of the project.

Habitat

1) All coastal projects should be evaluated for impacts to rare, endangered or locally important species and habitat. All necessary permits must be obtained from all state and local agencies as required by law (See Appendix for list of agencies with coastal jurisdiction).

2) Any projects proposed in areas of mapped or identified rare, endangered or locally important species or habitat should require a survey of these resources, especially those that propose nourishment and/or dredging activities. **

3) Whenever Town property contains documented nesting shorebird habitat this habitat should be considered relative to coastal management projects, keeping in mind that some nourishment projects have been found to enhance shorebird habitat.

****Use of existing surveys or data may be acceptable.**

Coastal Hazards

1) The Town owns coastal infrastructure, such as but not limited to roads, beach stairs, bathrooms and utilities (including both above and below ground infrastructure). Should any of this infrastructure become damaged in coastal storms, the Department of Public Works, or other appropriate parties, should implement clean up and removal of any debris and take action to prevent it from becoming a hazard to vessels, the public, natural resources or other infrastructure.

2) Any license granted for the use of Town land to construct or maintain coastal management or erosion control projects shall include a requirement of the applicant to establish insurance such as bond(s) or escrow account(s). These accounts will provide funding for any action necessary to stabilize the site or for the removal or clean up of any debris that becomes hazardous to vessels, the public or natural resources.

3) The Town should use an established system to identify and mark all natural or man-made structures or debris that pose a threat as a coastal hazard to vessels, the public, natural resources or other infrastructure (See Performance Matrix).

Erosion Control

- 1) Erosion control projects considered on Town property will minimize any adverse impacts to the extent that they can, relative to the nature of the structure(s) and the requirements of their installation. The long-term viability or sustainability of such projects must also be carefully considered.**
- 2) The Town should be notified when a coastal erosion control project is proposed on property adjacent to a one big beach easement or other property in which the Town holds an interest (See Performance Matrix).**

Harbors

See Sector specific principles.

Public Access Policy

- 1) Any time a new coastal erosion control project is constructed public access to all public beaches must be maintained. Dry beach seaward of the project should also be maintained whenever possible to allow public access along the shoreline.**

Beach Access Policy

See Sector specific principles.

Offshore Resources

- 1) The Town is responsible for resources out to 1500 feet (as identified by the MA Ocean Management Plan). This includes but is not limited to shellfish beds, eelgrass beds, conchs, and finfish.**
- 2) Any coastal projects not applied for by a governmental agency that propose work in land under the ocean, should require a detailed underwater survey of all resources; this should be reviewed by an independent third party. The cost of such survey(s)/review shall be borne by the project applicant.****
- 3) Any data acquired through the permitting process should be archived into a searchable database and made accessible for future applications. Surveys can be considered valid for a period of 3 years.**
- 4) The MA Ocean Management Plan's framework should be used for evaluating all potential borrow sites for beach nourishment and dredging should be restricted to areas that have been reviewed using these standards (except in the event of an extreme navigational emergency as identified by the Town).**
- 5) MA Coastal Zone Management's MORIS database contains up to date information on shoreline change, flood inundation, sloch zones and more for all coastal areas. This database can be found online at: <http://www.mass.gov/eea/agencies/czm/program-areas/mapping-and-data-management/moris/>.**

****Use of existing surveys or data may be acceptable.**

Homeland Security

See Sector specific principles.

Alternative Energy

1) The exploration of alternative energy is an allowed activity (including tidal, wave, wind, etc), provided all necessary permits are secured.

Fisheries

1) All coastal management and erosion control projects that propose work in land under the ocean should consider potential impacts to fisheries and sufficient surveying should be required when necessary to minimize adverse impacts. Project appropriate survey(s) shall be provided by an independent third party and the cost of such survey(s) shall be borne by the project applicant. **

2) Any data acquired through the permitting process should be archived into a searchable database and made accessible for future applications. Surveys can be considered valid for a period of 3 years.

****Use of existing surveys or data may be acceptable.**

Data Accessibility

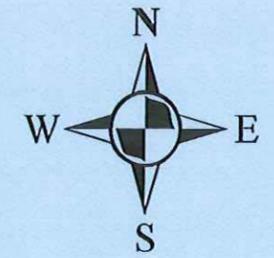
1) Any data acquired through the permitting process should be archived into a searchable database and made accessible for future applications. Surveys can be considered valid for a period of 3 years.

Consistency

1) All coastal management and erosion control projects must be consistent with all local, state and federal laws. All permits must be acquired by the Town or any applicant wishing to work on Town property, as required by law.

Integration with Municipal Harbor Plan

See Sector specific principles.

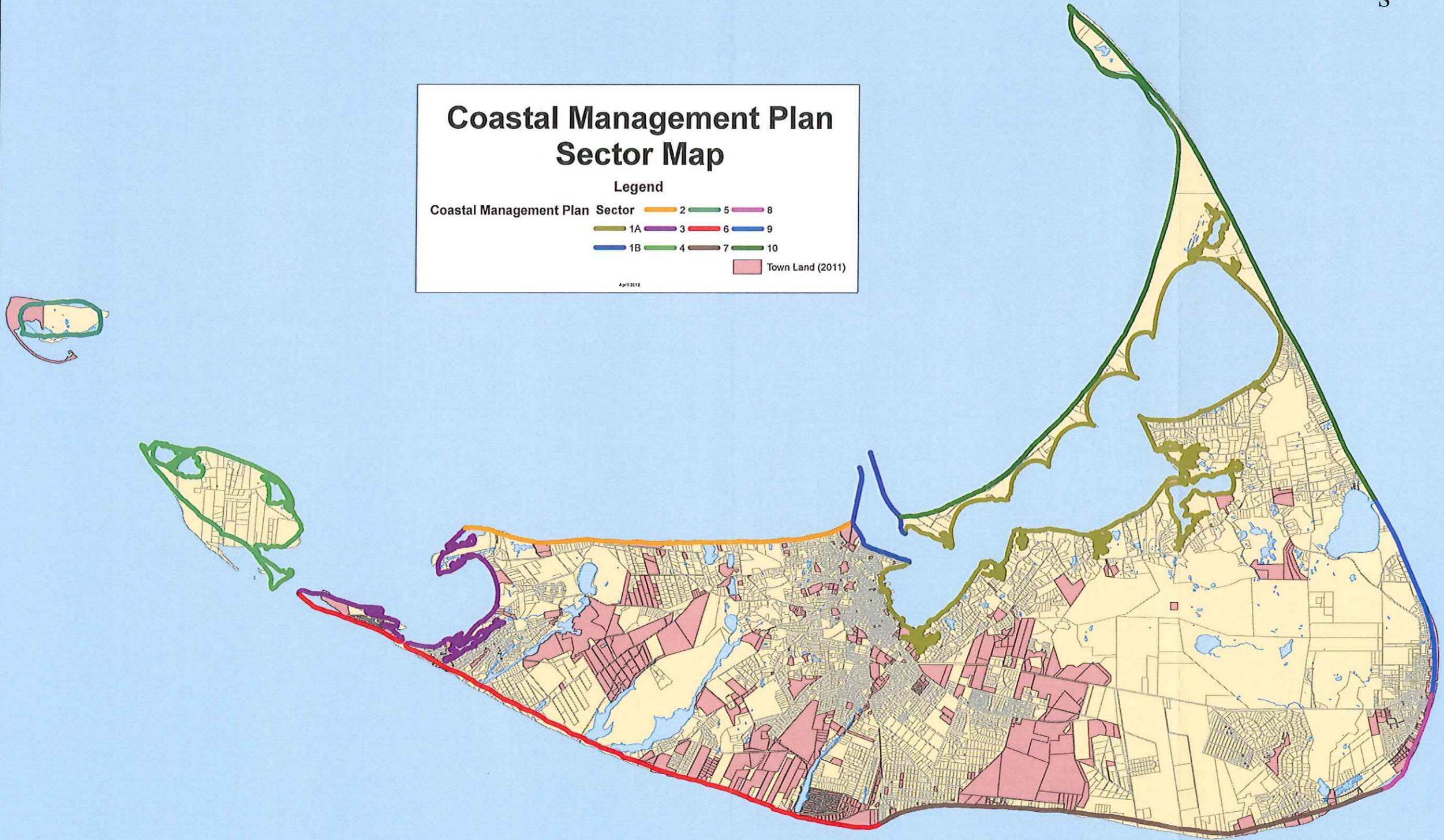


Coastal Management Plan Sector Map

Legend

Coastal Management Plan Sector	Color	Color	Color
2	Orange	5	Light Green
3	Purple	6	Red
4	Dark Green	7	Brown
1A	Olive Green	8	Pink
1B	Blue	9	Dark Blue
10	Dark Green	Town Land (2011)	Light Pink

April 2012



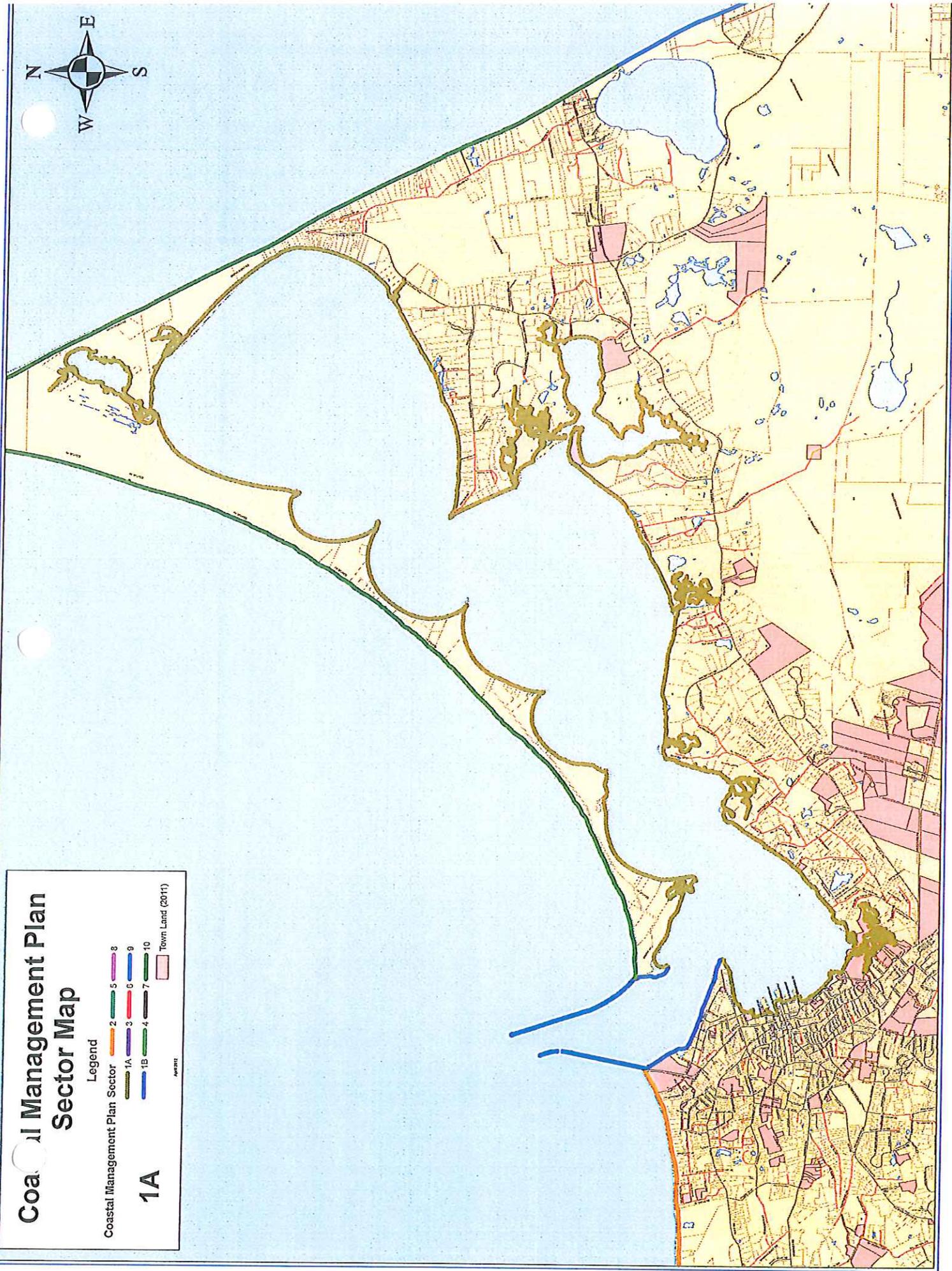


Coastal Management Plan Sector Map

Legend

- Coastal Management Plan Sector
- 1A
- 1B
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- Town Land (2011)

1A



Coastal Management Plan Sector Map

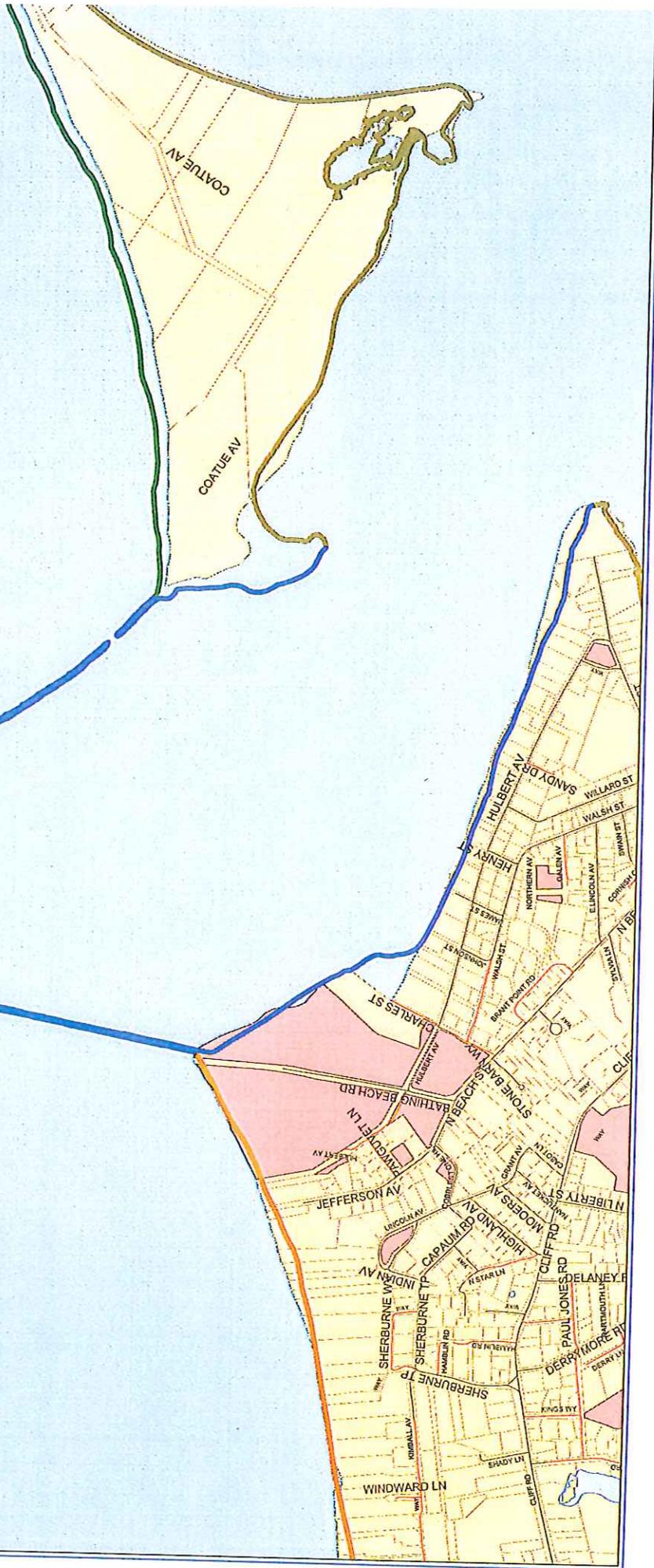
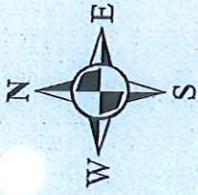
Legend

- Coastal Management Plan Sector
- 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10

1B

Town Land (2011)

MMRPS



SECTOR 1A/1B

Sector Summary:

Sector 1A includes all Town owned coastal properties along the inside of Nantucket Harbor and Polpis Harbor from Coatue (Map 29 Parcel 141) to 2A Easton Street (Map 42.1.4 Parcel 7). Sector 1B includes the east jetty and west jetty along the north side of Brandt Point to 2A Easton St (Map 42.1.4 Parcel 7).

Town Resources within Sector:

Sector 1A – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
20	16	18 Wauwinet Road	Public Access from Wauwinet Road to Polpis Harbor (Dirt)/Limited Parking
20	14	Wauwinet Road	Public Access from Wauwinet Road to Polpis Harbor (Dirt)/Limited Parking-Mostly undeveloped
19	3	Quaise Point	Entrance to Polpis Harbor/Approved Dredge Spoil Location/Protected Species Habitat
54	53	Monomoy	Monomoy Creeks-Undeveloped/Salt Marsh
54	641	Monomoy	Monomoy Creeks-Undeveloped/Salt Marsh
55	640	Monomoy	Monomoy Creeks-Undeveloped/Salt Marsh
55	59	1 East Creek Road	Our Island Home
55	276	Washington Street	Monomoy Creeks-Undeveloped/Salt Marsh
55	415	Washington Street	Monomoy Creeks-Undeveloped/Salt Marsh
55	642	Goose Pond Lane	Monomoy Creeks-Undeveloped/Salt Marsh
55	414	6 Goose Pond Lane	Monomoy Creeks-Undeveloped/Salt Marsh
55.1.4	38	111 Washington Street	Access to Harbor
55.1.4	9.1	100 Washington Street	County – Access to Harbor
55.1.4	15	Consue Springs	Consue Springs
55	404.2	Union Street	Undeveloped – Wetland/Consue Springs
55	404.1	84 Union Street	Undeveloped – Wetland/Consue Springs
42.2.3	23	83 Washington Street	Saltmarsh Senior Center
42.2.3	24	81 Washington Street	Saltmarsh Senior Center Driveway
42.2.3	25	81 Washington Street	Saltmarsh Senior Center Parking
42.2.3	19	76 Washington Street	Francis St Beach – Public; Kayak Rental Concession
42.3.2	26	Washington Street	Town parking lot
42.3.2	84	37 Washington Street	Town of Nantucket Offices
42.3.2	83	Washington Street	Open Space/Park Area
42.2.3	6	42 Washington Street	Open Space/Park Area
42.2.3	5	40 Washington Street	Open Space/Park Area
42.2.3	4	38 Washington Street	Open Space/Park Area
42.2.3	3	36 Washington Street	Open Space/Park Area
42.2.3	2	34 Washington Street	Marine Department Office/Town Pier
42.4.2	9	15 Harbor View Way	Children’s Beach Area/Children’s Beach Boat Ramp
42.1.4	7	2A Easton Street	Coast Guard/Town of Nantucket Shellfish Propagation Facility

Sector 1A – Town Taken Roads

Easton Street	Harbor View Way	S. Beach Street
Broad Street	Easy Street	Cambridge Street
Oak Street	Straight Wharf	Salem Street
Candle Street	New Whale Street	Main Street
Commercial Wharf (to New Whale)	Washington Street	Union Street
Orange Street	Monomoy Road	Cathcart Road
Polpis Road	Polpis Harbor Road	Wauwinet Road
Pocomo Road		

Sector 1B – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
29	2	Bathing Beach Road	Public Access/Protected Species Habitat

Sector 1B – Town Taken Roads

Hulbert Avenue	Easton Street	Walsh Street
Willard Street	Jefferson Avenue	Henry Street
James Street	Johnson Street	Charles Street
Bathing Beach Road		

Sector Specific Information:

Water Quality

- 1) Nantucket Harbor is a unique and sensitive embayment. It is extremely important to the island's economy for fishing, tourism, and for recreation.
- 2) All projects should be evaluated in consideration of the MA Estuaries Report and recommendations for Nantucket Harbor (see Appendix).
- 3) The Jetties and main channel are responsible for the flushing of Nantucket Harbor which helps to maintain good water quality.

Habitat

- 1) The Jetties provide important habitat for shellfish, finfish, waterfowl and marine mammals.

Harbors

1) The Harbor Plan contains extensive review and policy information relative to the protection and management of Nantucket Harbor. All projects should be evaluated in consideration of The Harbor Plan as it relates to Sector 1A/1B (see Appendix).

Homeland Security

- 1) The main channel is the island's primary water access including emergency access.
- 2) The boat opening in the east jetty should be maintained for use by small vessels.

Alternative Energy

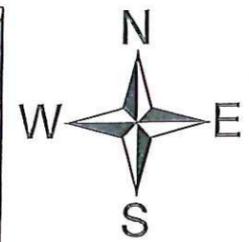
1) Tidal energy exploration should be encouraged within Sector 1A and 1B.

Fisheries

1) Sector 1A and 1B contains important habitat for shellfish and finfish.

Integration with Municipal Harbor Plan

1) The Harbor Plan contains extensive review and policy information relative to the protection and management of Nantucket Harbor (See Appendix).



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR**
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Chuckrow

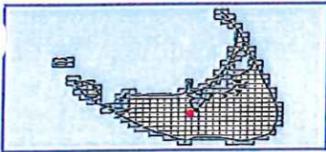
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

Town of Nantucket - GIS Mapsheet

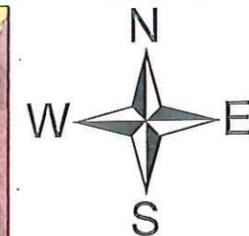
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licensure must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1:100 scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

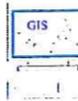


01/30/2014

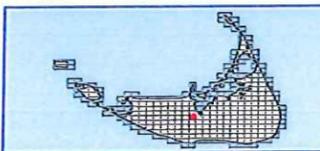


- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554

Chuckrow



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements.

The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Quaise Rd–Chuckrow's

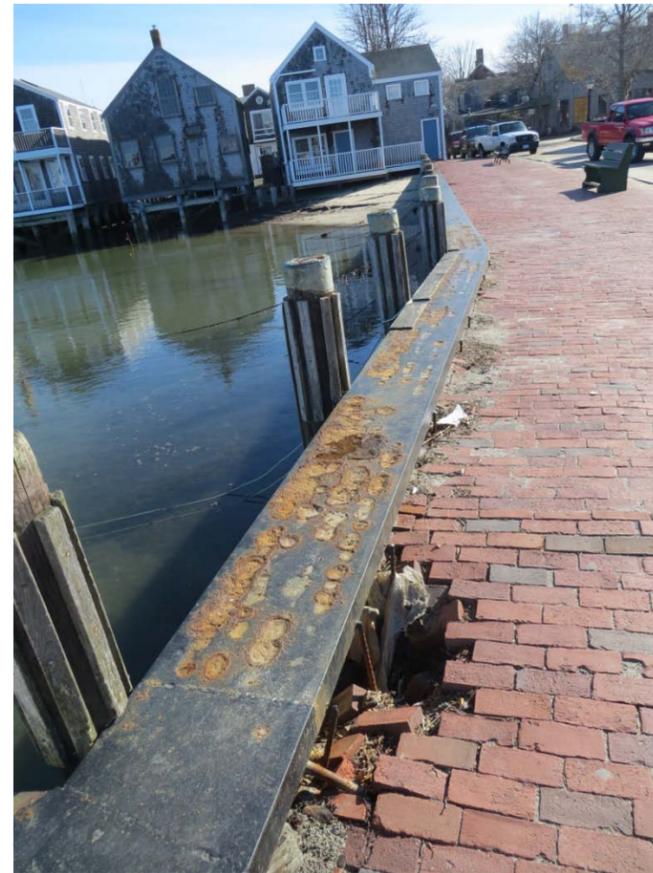
- ▶ Repair return on adjacent bulkhead
 - ▶ Place dredge spoils (Polpis Harbor Entrance Channel) to nourish area
 - ▶ Establish a single point pedestrian access away from the bulkhead
 - ▶ Re-grade parking lot to drain into wet land adjacent to the property to the east
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 





Easy Street

- ▶ Bulkhead replacement
 - ▶ Raise bulkhead to reduce splash-over at high/storm tides
 - ▶ Incorporate storm drain valves in new design
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 

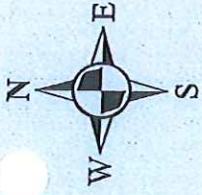


Easy Street

Coe al Management Plan Sector Map

Legend

- Coastal Management Plan Sector
- 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10
- Town Land (2011)



SECTOR 2

Sector Summary:

Sector 2 includes all Town owned coastal properties from 4 Bathing Beach Road (Map 29 Parcel 1) west along the northern shore of Nantucket to 187 Eel Point Road (Map 33 Parcel 1).

Town Resources within Sector:

Sector 2 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
29	1	2 & 4 Bathing Beach Road	Natural Resources Office/Tennis Courts/Jetties Concession/Public Beach/Parking Lots
32	18	Dionis Beach	Public Beach/Access, Parking/Bathhouse
33	10	Eel Point Road	Public Beach

Sector 2 – Town Taken Roads

Bathing Beach Road	Jefferson Avenue	Cobblestone Hill
Cliff Road	Lincoln Avenue	Indian Avenue
Sherburne Turnpike	Washing Pond Road	Dionis Beach Road
Eel Point Road (end of pavement)	North Pond Road	

Sector Specific Information:

Habitat

1) Offshore of Sector 2 in the vicinity of 40th Pole Beach there exist extensive eelgrass beds that provide important shellfish and finfish habitat. Project appropriate surveys should be conducted to identify these areas and projects should be designed to have no adverse impacts on this habitat. **

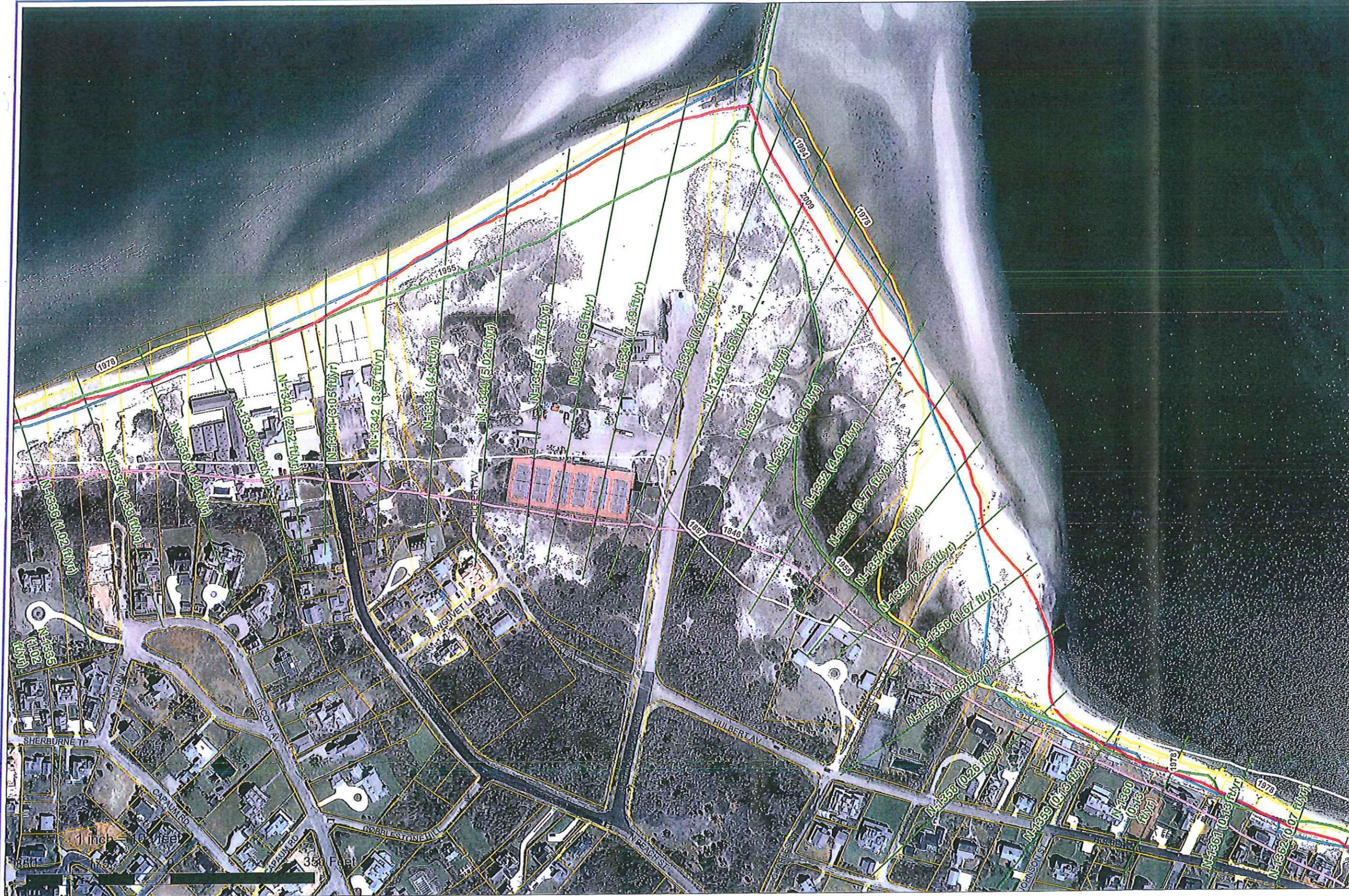
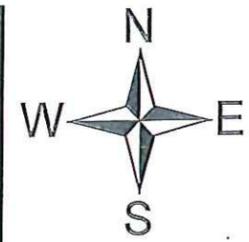
**Use of existing surveys or data may be acceptable.

Coastal Hazards

1) The Town should make it a priority to continue working with appropriate state agencies and with the Army Corps of Engineers to continue to maintain the Jetties. This is necessary for improved navigation, safety and maintenance of the Nantucket Harbor channel as well as for improved water quality and to alleviate flooding of the downtown area during storm events.

Homeland Security

1) In the event of a catastrophic failure of the main channel there is a possibility that Jetties Beach could be used as an alternative landing location.



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR**
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

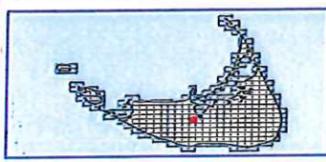
Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2009 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Bathing Beach Road



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Bathing Beach Road



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

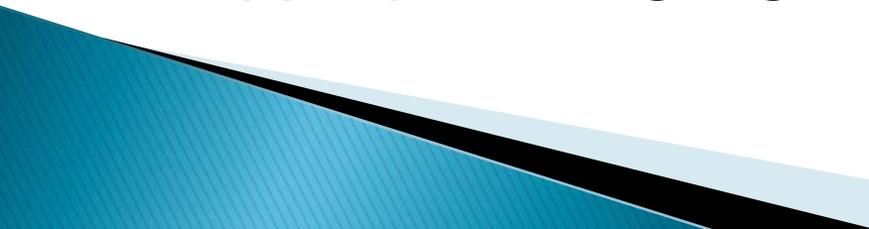
Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses should inquire of the relevant agency for applicable requirements. The provision of information of this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

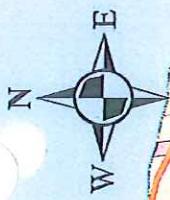
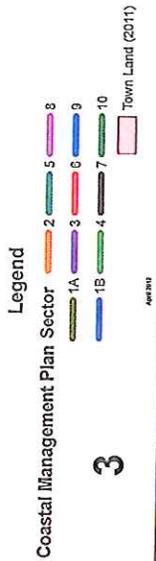
Bathing Beach Road/Jetties

- ▶ Continue to provide beach access
 - ▶ When parking lot is re-surfaced/graded insure drainage of area is provided (area currently floods at storm tide conditions) to redirect parking lot runoff to area north of the road and away from the barrier beach
 - ▶ Maintain storm drains in the paved way
 - ▶ Plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



Bathing Beach Road

Coastal Management Plan Sector Map



SECTOR 3

Sector Summary:

Sector 3 includes all Town owned coastal properties from the northwest corner of Eel Point (Map 34 Parcel1) around the inside of Madaket Harbor to the northeast corner of Esther Island (Map 36.3.2 Parcel 1).

Town Resources within Sector:

Sector 3 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
38	30	55 Warrens Landing Road	Public Access to Harbor/Limited Parking/Unimproved Road
60.1.2	2	F Street	Public Access/Boat Ramp
59.4	87	K Street	Undeveloped/Wetland
60.2.4	5	6 Massachusetts Ave.	Marine Department Shop/Parking Area
60.2.4	9	1 Rhode Island	Undeveloped
60	3	Massachusetts Ave	Undeveloped/Public Access – County
60.3.1	84	25 Massachusetts Ave.	Undeveloped/Public Access – County
60.3.1	83	27 Massachusetts Ave.	Natural Resources Storage/Guard Shack/Public Access
36.3.2	1	Esther's Island	Undeveloped/Protected Species Habitat

*Note: Esther's Island contains a number of small undeveloped parcels owned by the town

Sector 3 – Town Taken Roads

North Cambridge Street	Madaket Road	Massachusetts Avenue
Ames Avenue	Washington Street	Tennessee Avenue
F Street	H Street	Oakland Ave.

Sector Specific Information:

Water Quality

- 1) Madaket Harbor is a unique and sensitive embayment. It is extremely important to the island's economy for fishing, tourism, and for recreation.
- 2) All projects should be evaluated in consideration of the MA Estuaries Report and recommendations for Madaket Harbor (see Appendix).

Habitat

1) Offshore of Sector 3 there exist extensive eelgrass beds and mussel beds which provide important shellfish and finfish habitat. Project appropriate surveys should be conducted to identify these areas and projects should be designed to have no adverse impacts on this habitat. **

2) Significant salt marsh habitat exists within Sector 3. All projects, including any work conducted for mosquito ditch maintenance or other maintenance dredging, should be designed to have no adverse impacts on this habitat.

**Use of existing surveys or data may be acceptable.

Coastal Hazards

1) Maintenance dredging for existing boat channels within this Sector should be permitted as necessary.

Harbors

1) The Harbor Plan contains extensive review and policy information relative to the protection and management of Madaket Harbor. All projects should be evaluated in consideration of The Harbor Plan as it relates to Sector 3 (see Appendix).

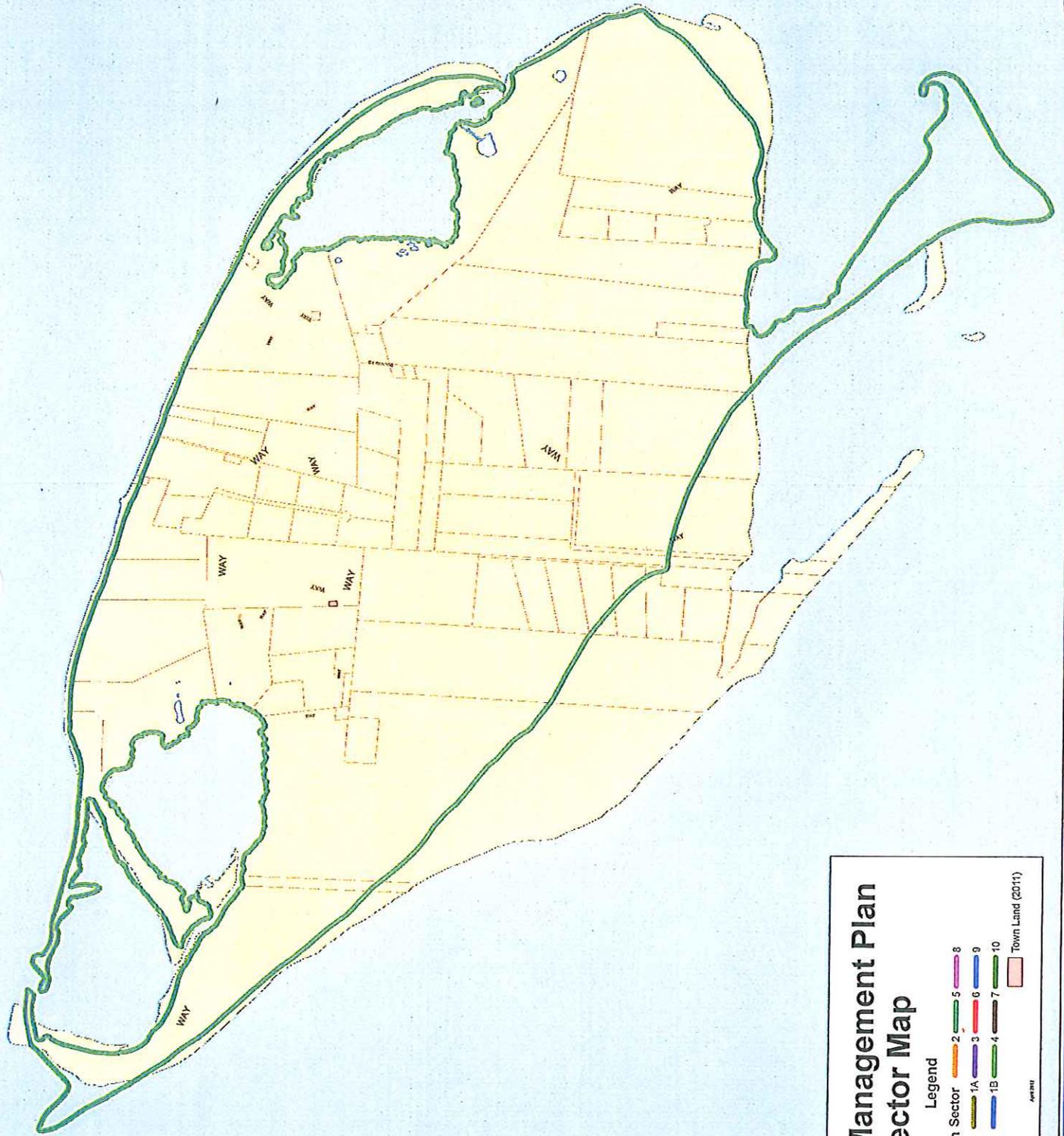
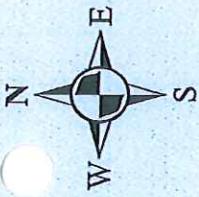
Public Access Policy

1) Maintenance and repair of Town piers should be permitted as necessary.

2) Long term parking and boat access should be provided for Tuckernuck and Muskeget property owners within Sector 3, Madaket Harbor/Hither Creek area (See Performance Matrix).

Integration with Municipal Harbor Plan

1) The Harbor Plan contains extensive review and policy information relative to the protection and management of Madaket Harbor (See Appendix).



Coastal Management Plan Sector Map

- Legend
- Coastal Management Plan Sector 2
 - Coastal Management Plan Sector 3
 - Coastal Management Plan Sector 4
 - Coastal Management Plan Sector 5
 - Coastal Management Plan Sector 6
 - Coastal Management Plan Sector 7
 - Coastal Management Plan Sector 8
 - Coastal Management Plan Sector 9
 - Coastal Management Plan Sector 10
 - Town Land (2011)

SECTOR 4

Sector Summary:

Sector 4 is defined as all Town owned coastal properties on Tuckernuck Island. Currently no coastal Town owned properties exist on Tuckernuck Island. If the Town should acquire property within this Sector, the following principles should apply.

Town Resources within Sector:

Sector 4 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
The Town or County does not currently own any land within this Sector.			

Sector 4 – Town Taken Roads

No town taken roads within this sector.

Sector Specific Information:

Habitat

1) The Town has documented nesting shorebird habitat within Sector 4, including nesting habitat for the state and federally “threatened” piping plover, *Charadrius melodus*, and staging areas for the state and federally “endangered” roseate tern, *Sterna dougallii*.

Erosion Control

1) Tuckernuck Island is a minimally developed and ecologically important island. As such, the use of coastal erosion control structures is not recommended.

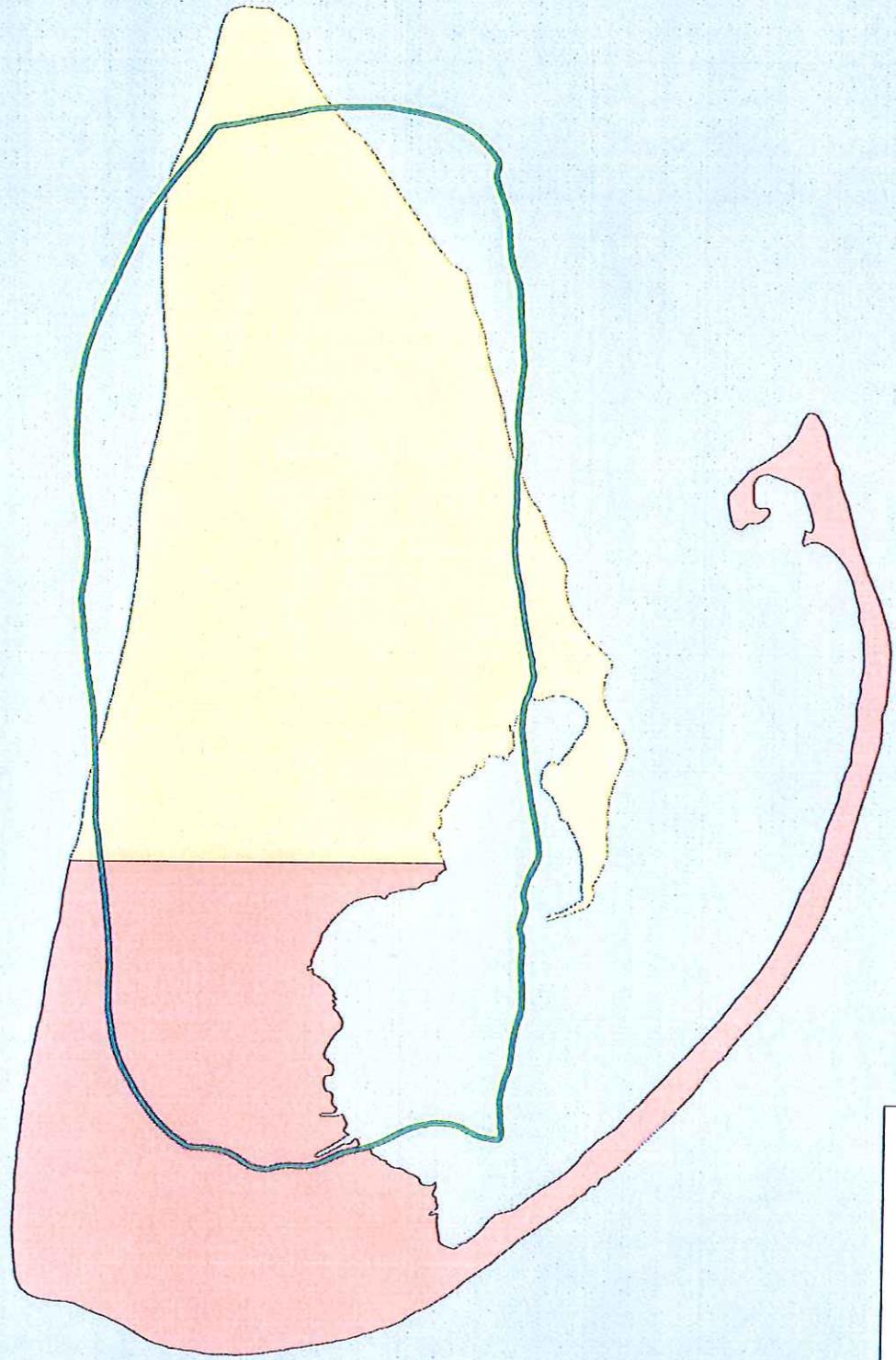
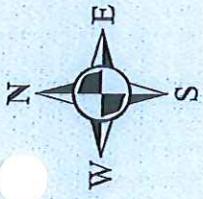
Harbors

1) Access to Tuckernuck by property owners is dependent on the maintenance of public piers and landings in Madaket Harbor.

Public Access Policy

1) There is currently no public access point on Tuckernuck. An emergency access plan should be established with the Tuckernuck Island Landowners Association (TILA) (See Performance Matrix).

2) Additional infrastructure may be necessary for maintaining access for the Tuckernuck community and/or emergency access (as referenced in the Harbor Plan).



**Coastal Management Plan
Sector Map**

Legend

Coastal Management Plan Sector	2	5	8
	1A	3	6
	1B	4	7
			10
			Town Land (2011)

5

version

SECTOR 5

Sector Summary:

Sector 5 is defined as all Town owned coastal properties on Muskeget Island. Currently no coastal Town owned properties exist on Muskeget Island. If the Town should acquire property within this Sector, the following principles should apply.

Town Resources within Sector:

Sector 5 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
The Town or County does not currently own any land within this Sector.			

Sector 5 – Town Taken Roads

No town taken roads within this sector.

Sector Specific Information:

Habitat

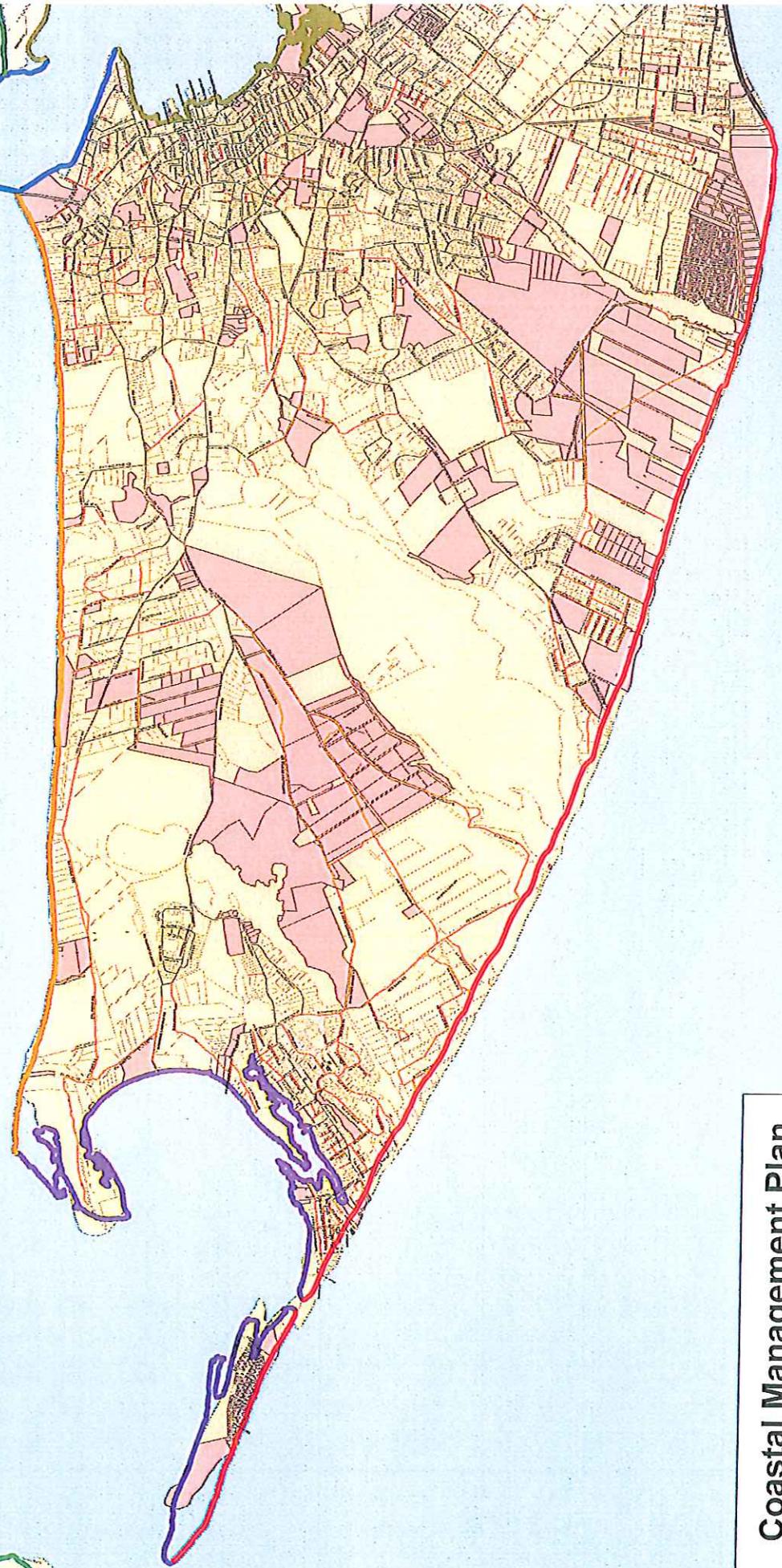
- 1) Muskeget is recognized by the NOAA Office of Protected Resources as a gray seal, *Halichoerus grypus*, breeding colony and gray seals are protected under the Marine Mammal Protection Act. This important habitat must be carefully considered relative to coastal management projects.
- 2) The Town has documented nesting shorebird habitat within Sector 5, including nesting habitat for the state and federally “threatened” piping plover, *Charadrius melodus*, and the state and federally “endangered” roseate tern, *Sterna dougallii*.
- 3) Muskeget island provides the only habitat to the endemic beach vole, *Microtus breweri*, which is taxonomically distinct from the more common meadow vole, *M. pennsylvanicus*. The beach vole has been considered for listing as an endangered species.

Erosion Control

1) Muskeget Island is a minimally developed and ecologically important island. As such, the use of coastal erosion control structures is not recommended.

Harbors

- 1) Access to Muskeget by property owners is dependent on the maintenance of public piers and landings in Madaket Harbor.



Coastal Management Plan Sector Map

Legend

Coastal Management Plan Sector	2	5	8
1A	3	6	9
1B	4	7	10
Town Land (2011)			

6

SECTOR 6

Sector Summary:

Sector 6 includes all Town owned coastal properties from the southwest corner of Esther Island (Map 36.3.2 Parcel 1) to 30 Western Avenue (Map 87 Parcel 79).

Town Resources within Sector:

Sector 6 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
60.3.4	80-82	71 Massachusetts Ave.	Beach Area/Undeveloped
60.3.4	89	59 Massachusetts Ave.	Beach Area/Undeveloped
60.3.4	23,25,27,31	Rhode island Ave.	Beach Area/Undeveloped
60.3.4	1,12,18,20	New Hampshire Ave.	Beach Area/Undeveloped
60.3.1	23,34-38, 42, 43, 44, 46, 48, 50, 52, 54-56	New Hampshire Ave.	Beach Area/Undeveloped
60.3.1	307	California Ave.	Beach Area/Undeveloped
60	65-71	California Ave.	Beach Area/Undeveloped
60	63	Hither Creek Bed	Barrier Beach between Atlantic Ocean and Hither Creek
60	60-62	Alabama Ave.	Beach Area/Undeveloped
60	54-56	Alabama Ave.	Beach Area/Undeveloped
60.2.4	60	Ames Ave.	Public Access
60.2.4	61	Ames Ave.	Public Access
60.2.4	62	5 Ames Ave.	Undeveloped
60	49-53	361 Madaket Road	Beach Area/Undeveloped
60	126	Madaket Road	Public Access
60	123	7 Chicago Street	Public Access
60	41	North Carolina Ave.	Undeveloped
82	22	Smooth Hummocks	Public Access/Undeveloped
82	14	Mioxes Pond Road	Public Access/Undeveloped
81	59	Bartlett Road	Public Access/Undeveloped
86	15	Miacomet Road	Barrier Beach/Public Access
86	301-304	Miacomet Flume	Public Access/Undeveloped
87	36	Western Avenue	Sewerbeds/Public Access
86	305-309	Miacomet Flume	Sewerbeds
87	147	Miacomet Flume	Sewerbeds
87	87	8 Hill Side Ave.	Sewerbeds/Public Access
87	88	6 Hill Side Ave.	Sewerbeds/Public Access
87	89	4 Hill Side Ave.	Sewerbeds/Public Access
87	90	2 Hill Side Ave.	Public Access/Undeveloped
87	86	1 Hill Side Ave.	Public Access/Undeveloped
87	91	Weweeder Pond	Undeveloped/Weweeder Pond

Sector 6 – Town Taken Roads

Ames Avenue	Massachusetts Avenue	Madaket Road
Starbuck Road	Sheep Pond Road	Hummock Pond Road
West Miacomet Road	Miacomet Road	South Shore Road
Western Avenue		

Sector Specific Information:

Erosion Control

- 1) The barrier beach adjacent to Ames Ave should be monitored for future erosion impacts. The Ames Avenue Bridge is a critical piece of infrastructure for providing access to properties northward to Smith's Point.
- 2) The Town should continue to prioritize the monitoring of erosion in front of the sewer beds. This critical public infrastructure may need protection by an erosion control project in the future. Actionable "trigger points" will be established and the distance from the eroding bank to the closest sewer bed will be monitored. When the trigger point is reached, plans must be drawn up to address erosion or relocate.



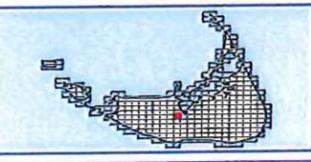
Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Massachusetts Avenue



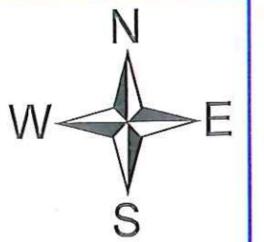
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in base data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal require the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2009 aerial photography. It was compiled to meet the ASPRS standard for Class I Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

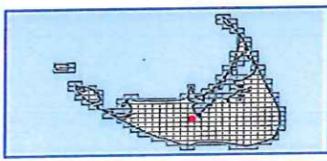


- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554




Massachusetts Avenue



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographic and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements.

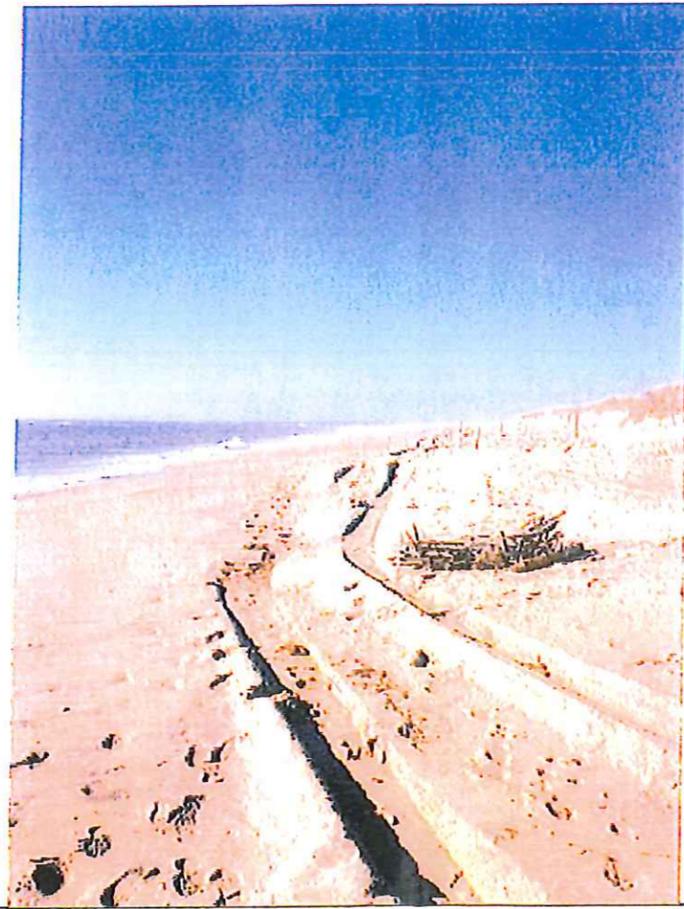
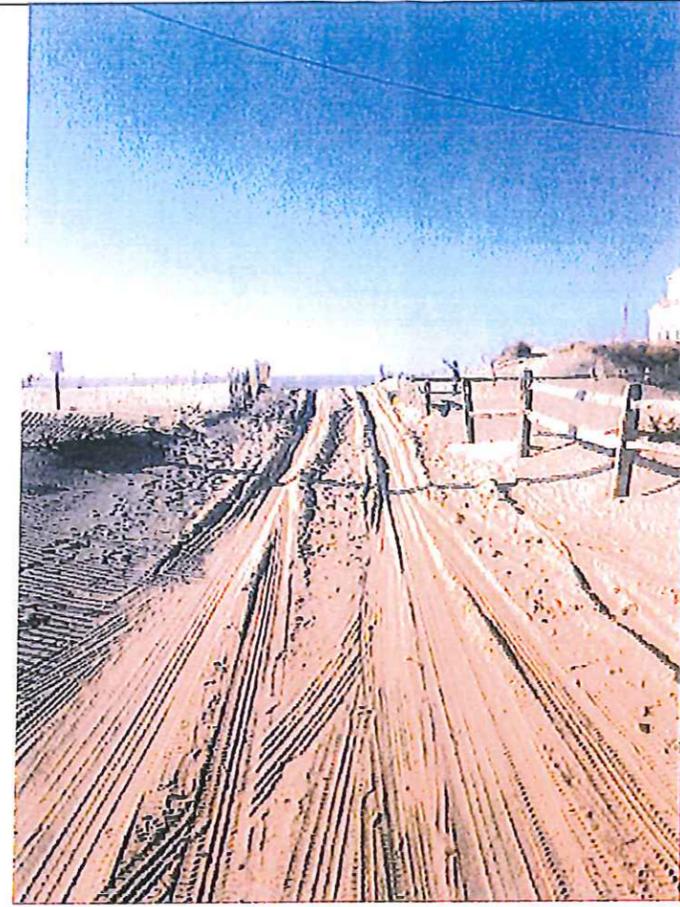
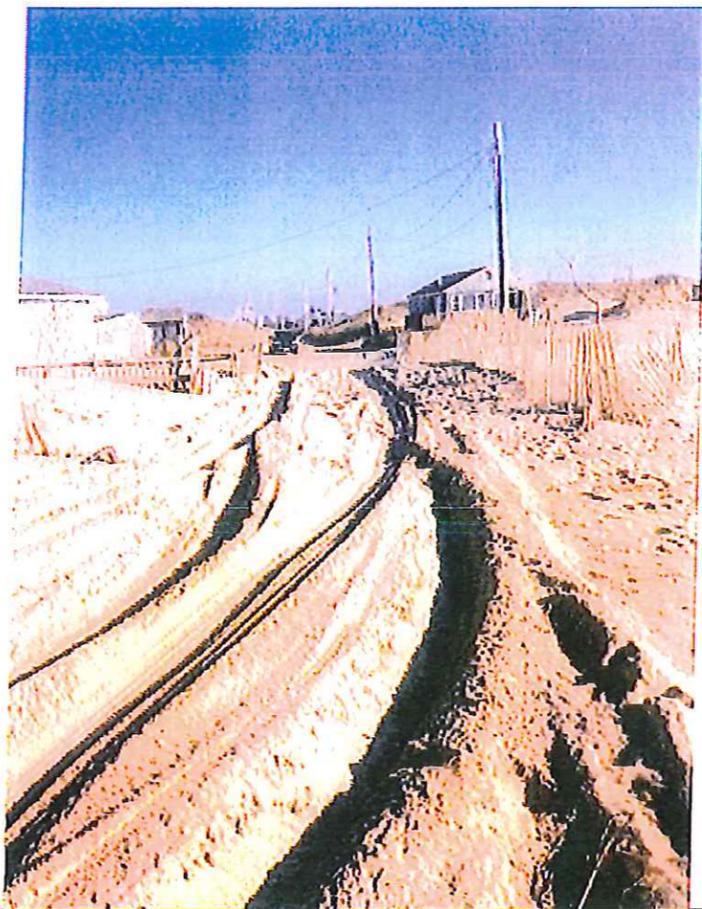
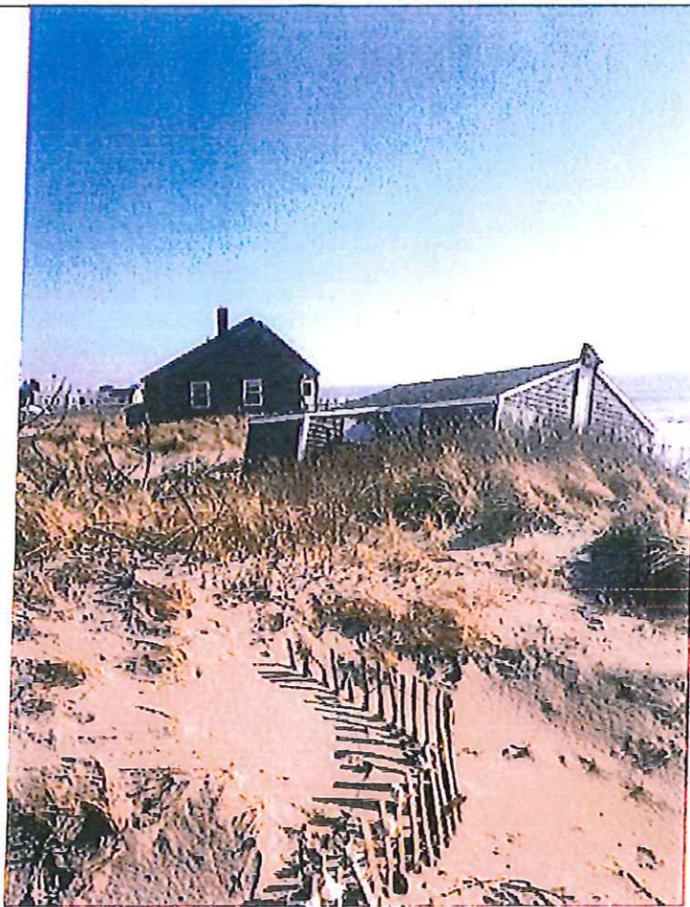
The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

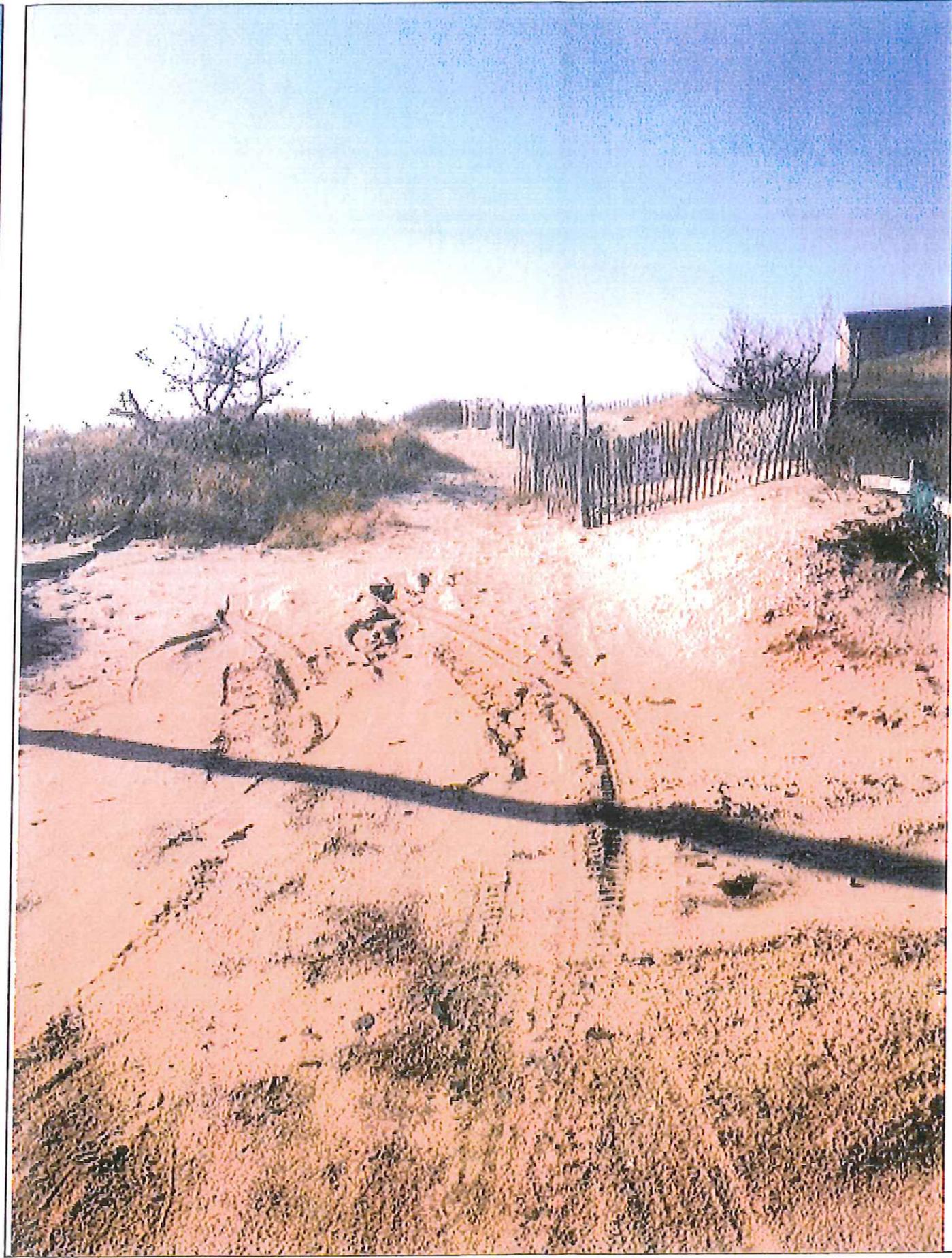
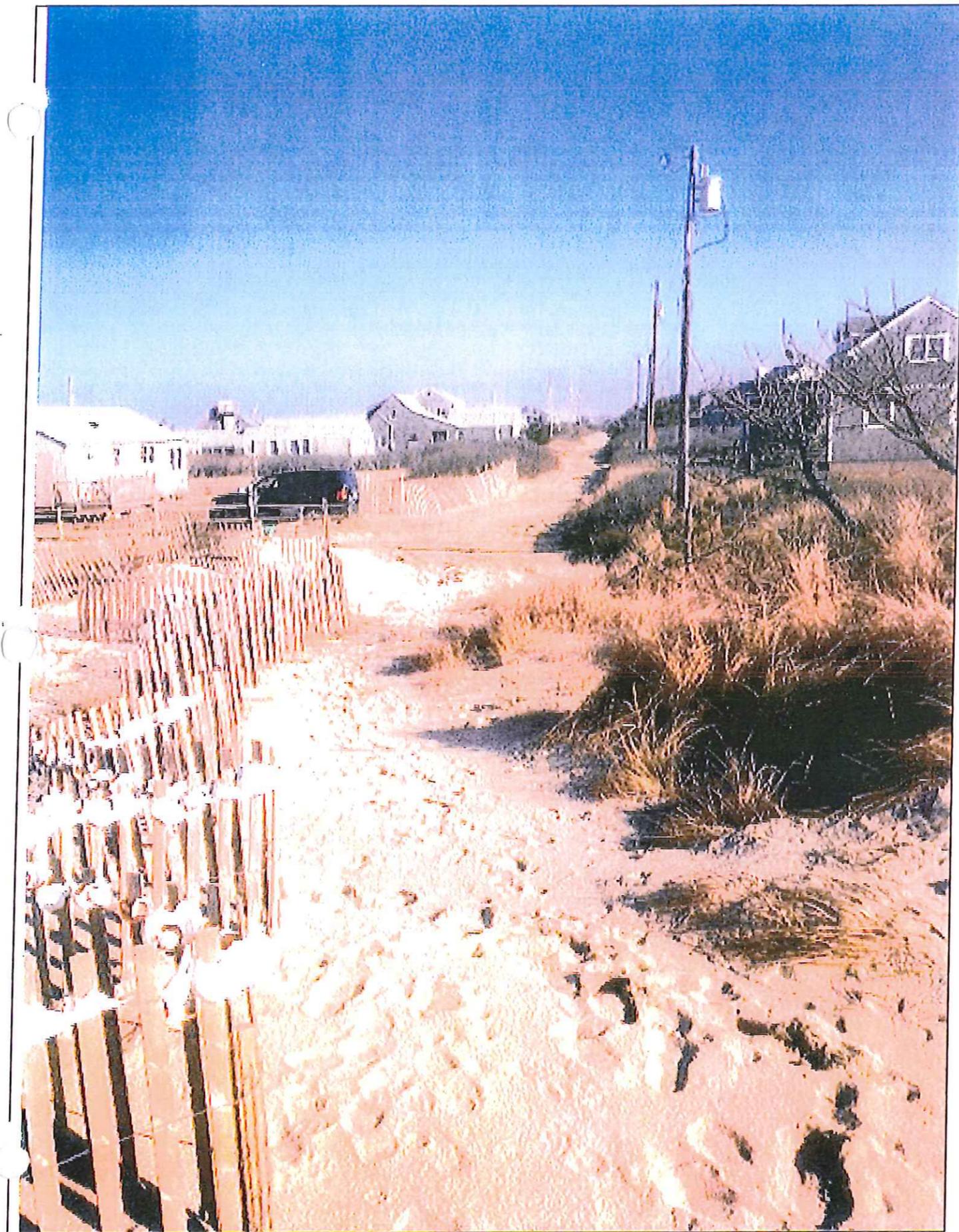
The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Massachusetts Avenue

- ▶ Install Jersey barriers at the intersection of Ames Street and Madaket Road, back barriers with sand
- ▶ Provide one pedestrian access, delineated by snow fence
- ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
- ▶ Remove pavement back to the intersection and slope drainage away from the eroding bank, redirecting runoff into the vegetative swale west of the road layout
- ▶ Continuous monitoring, post storm, photo record
- ▶ Appropriate Signage



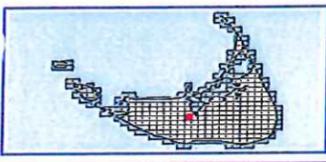




Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2009 aerial photography. It was compiled to meet the ASPRS Standards for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

**Hitther Creek
Ames Avenue**

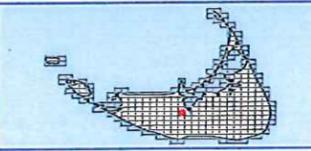


- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



**Hither Creek
 Ames Avenue**



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

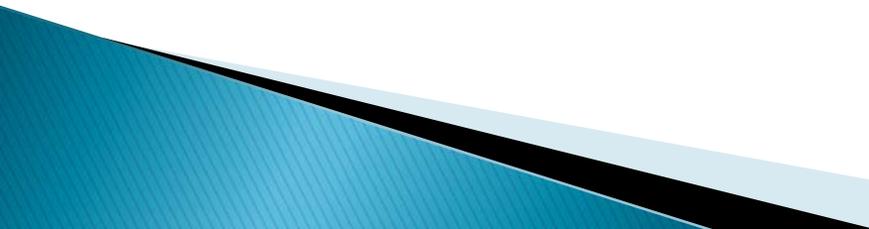
Town of Nantucket - GIS Mapsheet

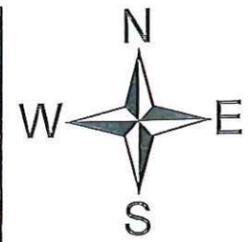
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applications for permits and licenses require the review and agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS standards for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Ames Street–Hither Creek

- ▶ Monitor intersection of Ames Street and Madaket Road
 - ▶ Monitor distance from top of bank to home located at the head of Hither Creek
 - ▶ Utilize area for dredge spoil disposal site when Hither Creek channel is dredged to increase protection to the head of Hither Creek, Millie's Bridge and Smith Point
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



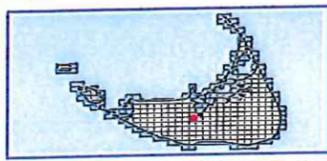
National governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and assessments require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The geographic data on this mapsheet is based primarily upon integration of April, 2009 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1:100 scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet



Madaket Road



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

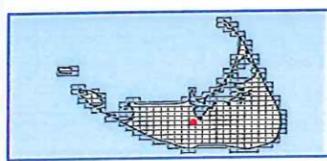
Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and conceptual inquiries of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpolation of April, 2009 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

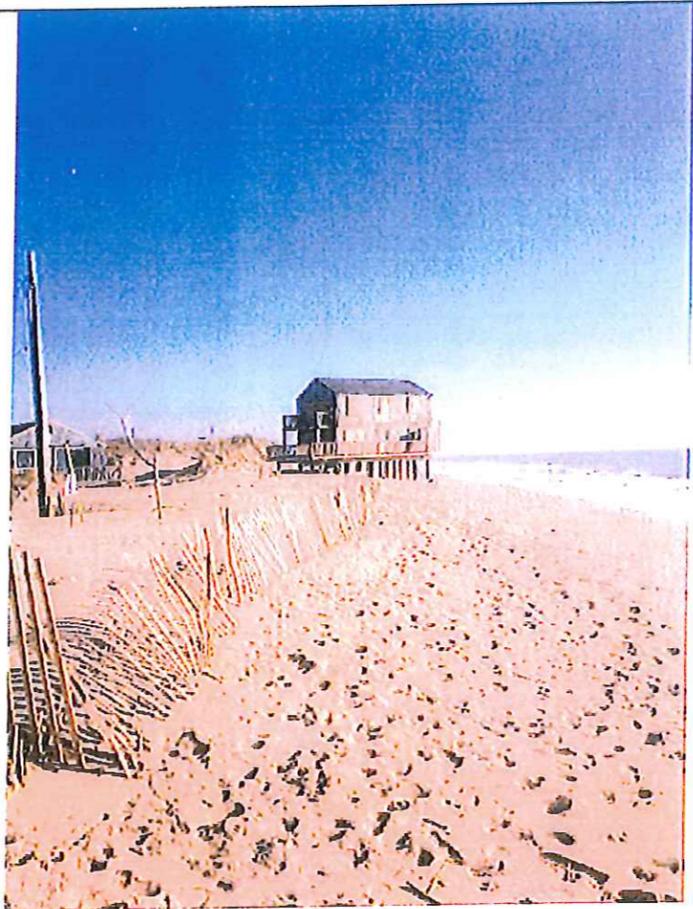
01/30/2014

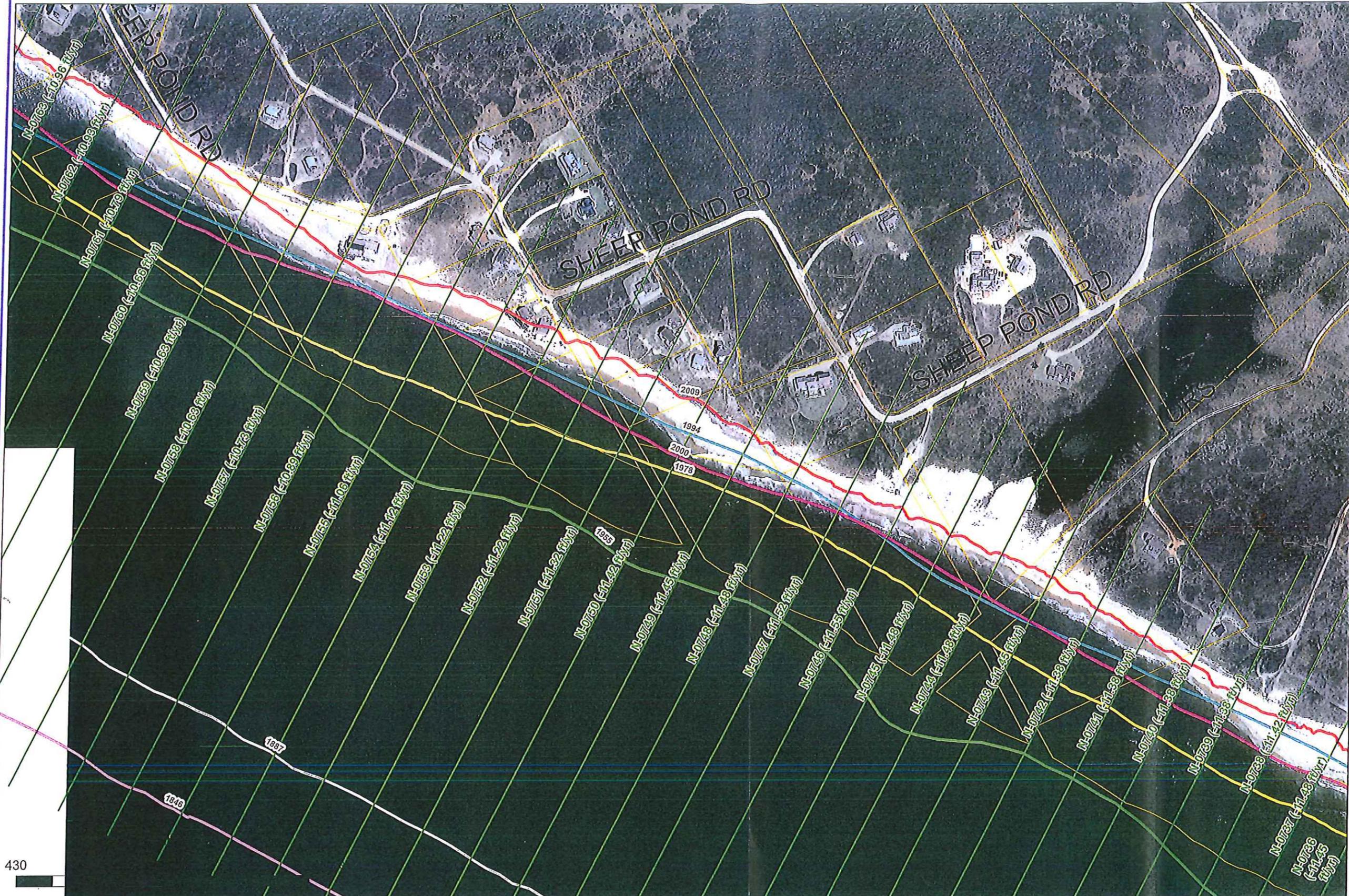
Town of Nantucket - GIS Mapsheet

Madaket Road

Madaket Road

- ▶ Install Jersey barriers at the intersection of Ames Street and Madaket Road, back barriers with sand
- ▶ Provide one pedestrian access, delineated by snow fence
- ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
- ▶ Remove pavement back to the intersection and slope drainage away from the eroding bank, redirecting runoff into the vegetative swale west of the road layout
- ▶ Continuous monitoring, post storm, photo record
- ▶ Appropriate Signage





Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Sheep Pond Road

430



The data on this map sheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must apply to the relevant agency for applicable requirements. The presence of information on this map sheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this map sheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



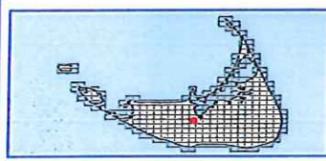
- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Sheep Pond Road

430



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

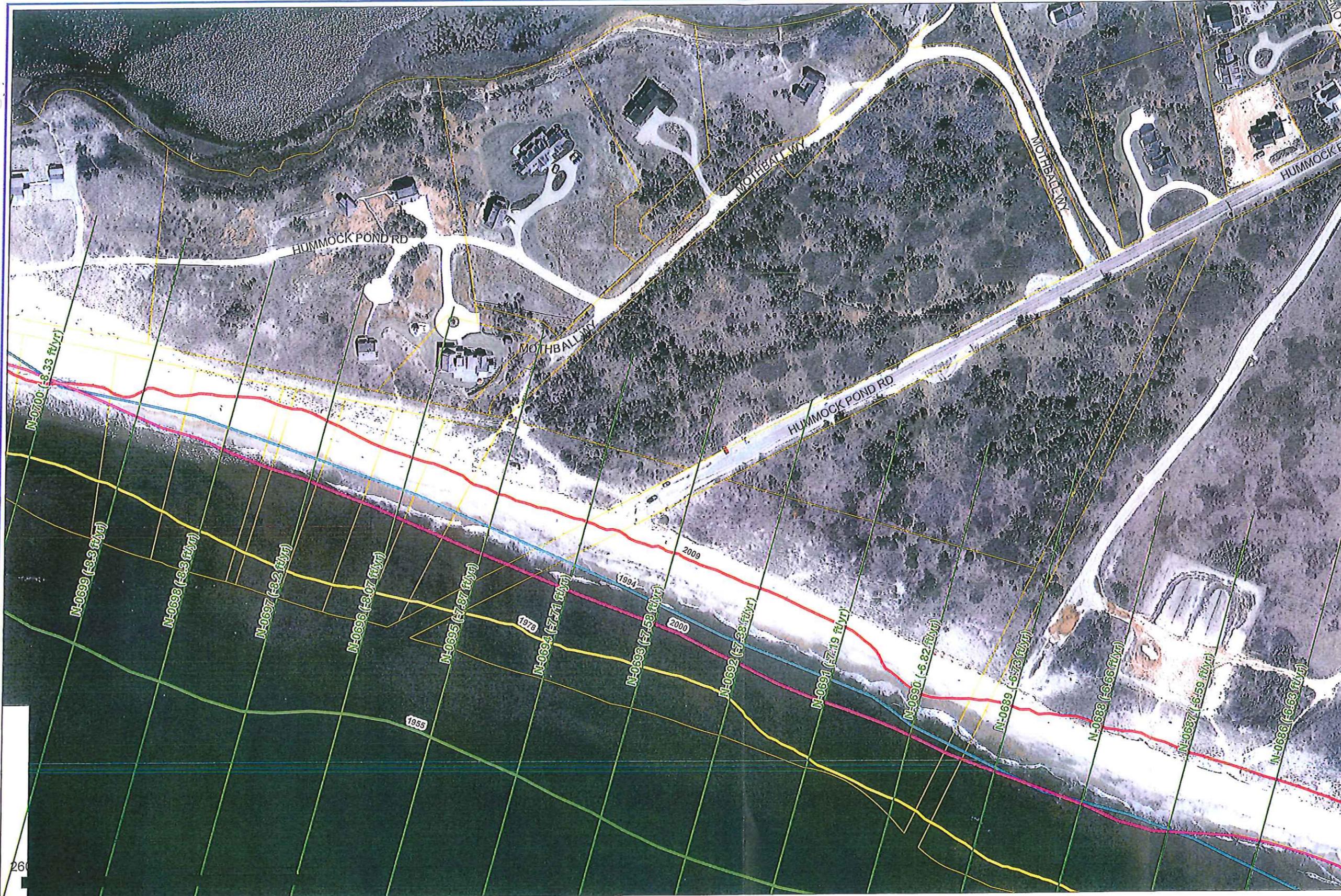
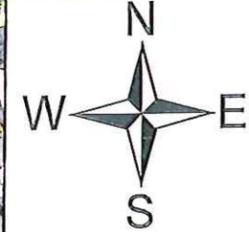
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for the 1:500 scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Sheep Pond Road

- ▶ Original roadway has been abandoned
 - ▶ Provide one pedestrian access, delineated by snow fence
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
 - ▶ Maintain new access road to neighborhood
- 





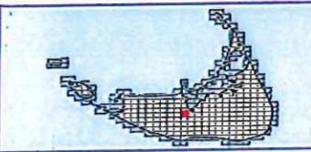
Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information of this mapsheet does not necessarily imply public right-of-way or the right of public access. The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS standard for Class I Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

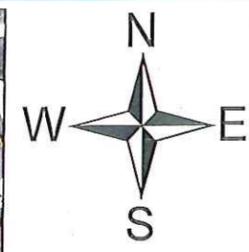


The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Hummock Pond Road



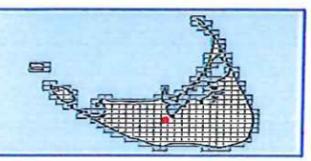
- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Hummock Pond Road

26



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

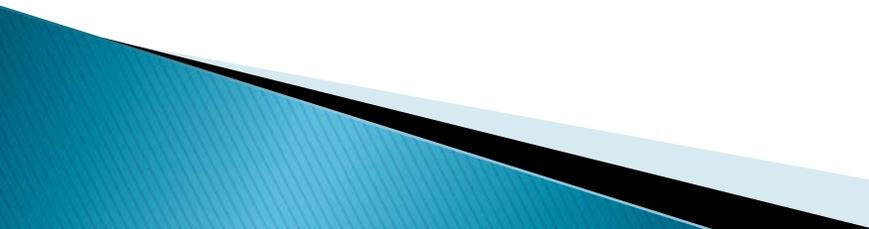
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and assessments require of the relevant agency for applicable requirements.

The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

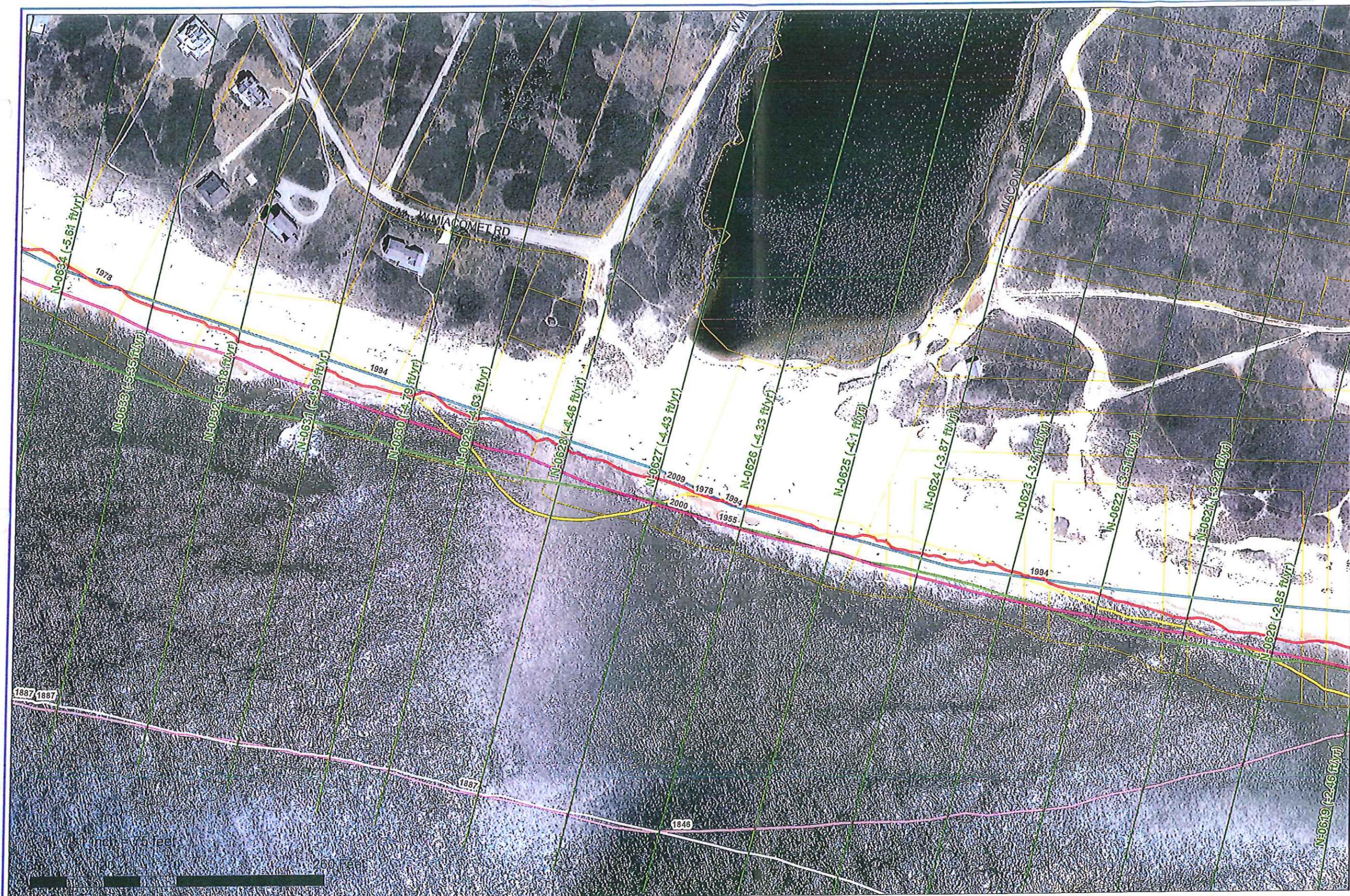
The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Hummock Pond Road

- ▶ Relocate Jersey barriers 100' east of the bank, back barriers with sand
 - ▶ Provide one pedestrian access, delineated by snow fence to the beach
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Remove pavement back to the barriers, slope drainage away from the eroding bank, redirecting runoff into the vegetative swale east-west of the road layout
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 





Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



W. Miacomet Road

The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information within the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in those data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

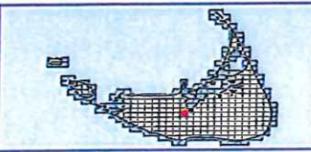
01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license and require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

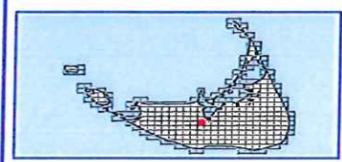




- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels



Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fallgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



W. Miacomet Road

West Miacomet Road

- ▶ Provide one pedestrian access, delineated by snow fence
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Re-grade parking lot to direct drainage away from bank and into the pond east of the parking lot
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



West Miacomet

East Miacomet Road

- ▶ Provide one pedestrian access, delineated by snow fence
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Re-grade parking lot to direct drainage away from bank and into the pond west of the parking lot
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 

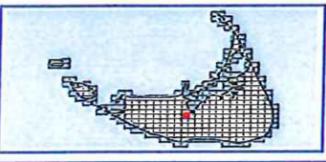
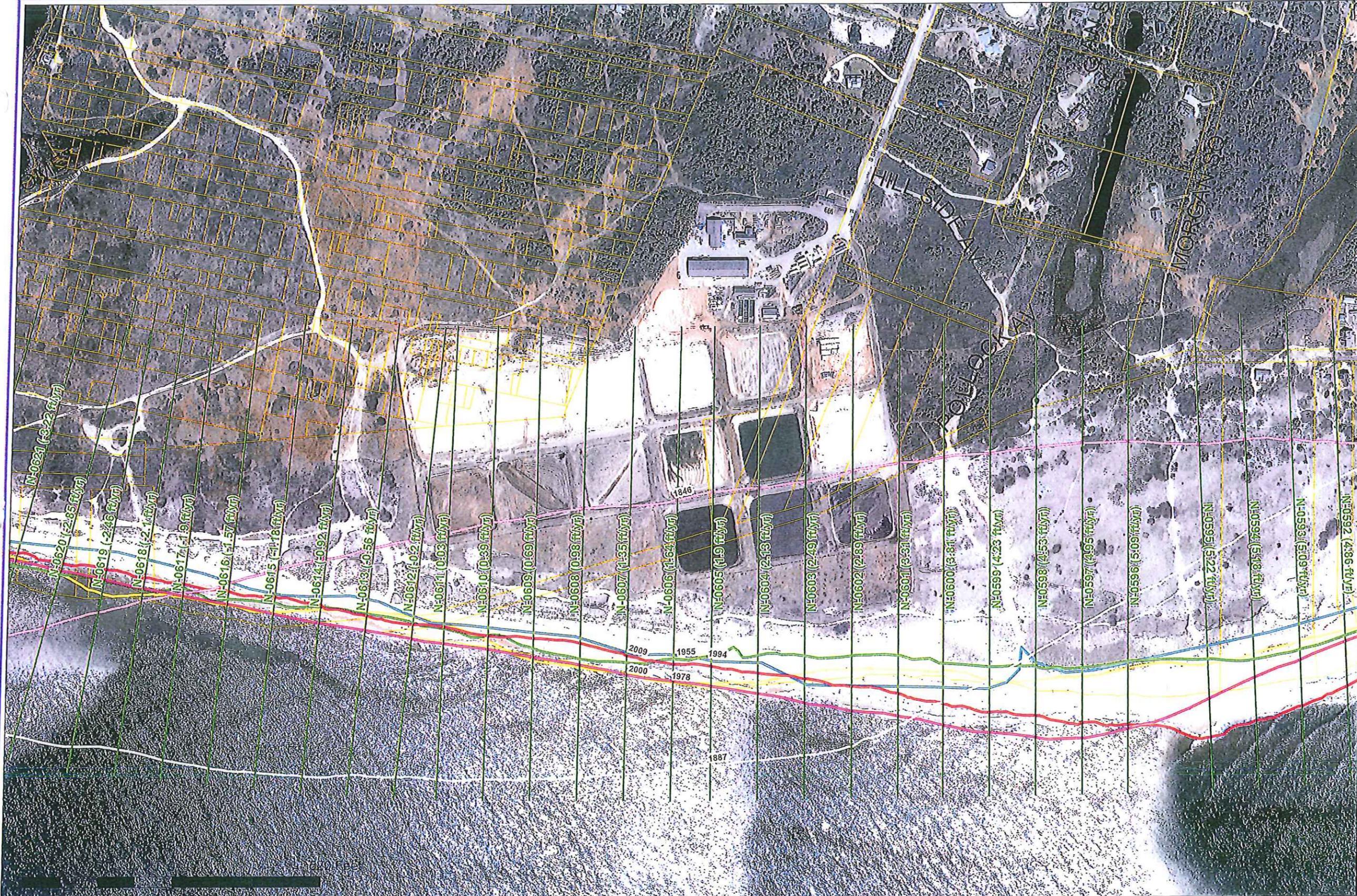


East Miacomet



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
- Parcels



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information within the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access. The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS standards for Class I Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Sewer Beds



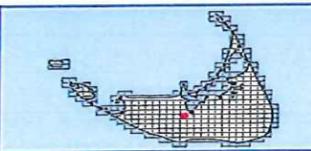
- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claim as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

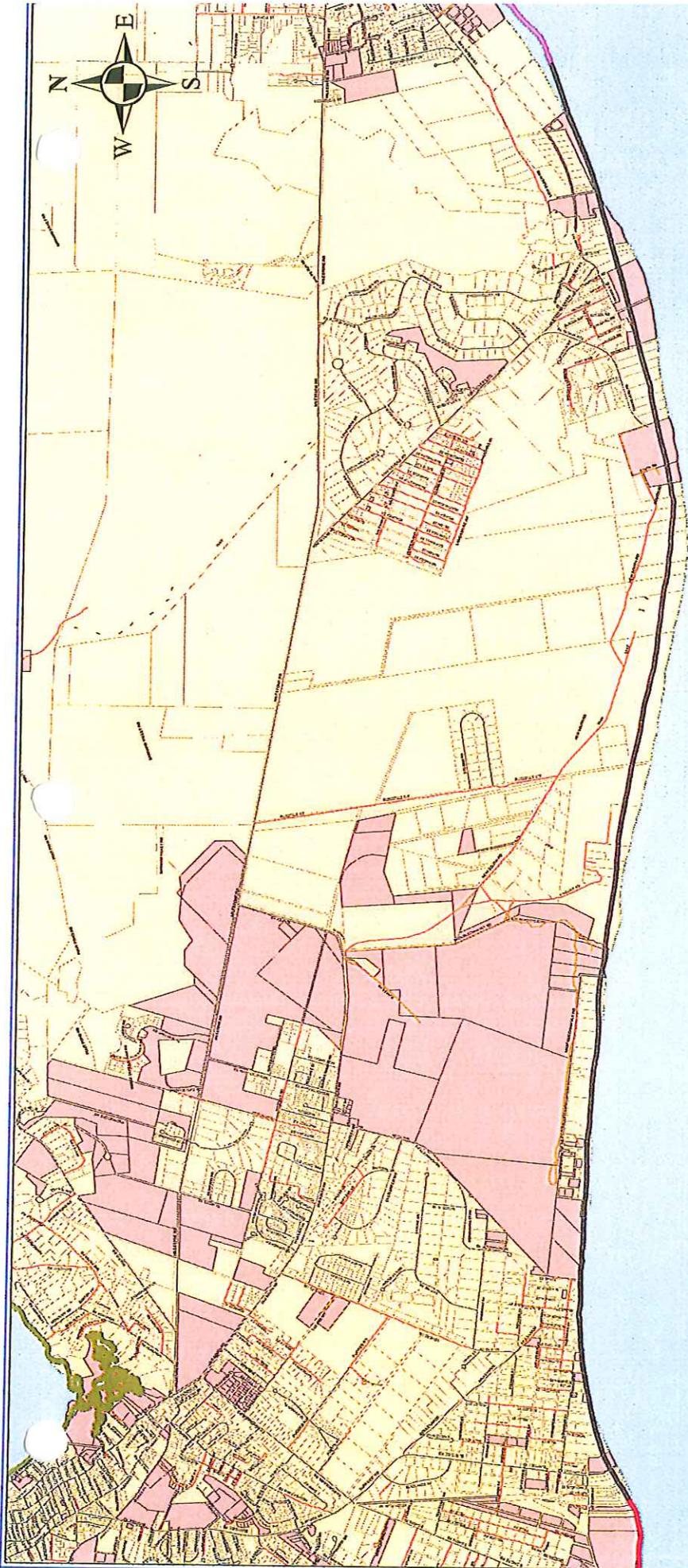
Sewer Beds

South Shore Road/Sewer Beds

- ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



South Shore Road



Coastal Management Plan Sector Map

Legend

Coastal Management Plan Sector		2		5		8
		3		6		9
		1A		4		7
		1B		10		Town Land (2011)

7

APR 2011

SECTOR 7

Sector Summary:

Sector 7 includes all Town owned coastal properties from 28 Western Avenue (Map 87 Parcel 78) east to 64 Low Beach Road (Map 75 Parcel 15).

Town Resources within Sector:

Sector 7 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
87	131	166 Surfside Road	Paved Parking Lot
87	60	4 Western Ave.	Surfside Beach/Parking/Beach Concession
87	48	Surfside	Undeveloped/Beach
88	43	Surfside	Undeveloped/Beach
88	40-41	Surfside	Undeveloped/Beach
88	14	Nantucket Airport	Public Access/Airport
88	15	Nantucket Airport	Public Access/Airport
88	16	Nantucket Airport	Public Access/Airport
88	66	Surfside	Undeveloped
88	77	Surfside	Public Access
91	109	130 Tom Nevers Road	Tom Nevers Ballfields/Fairgrounds/Public Access
92	9	Tom Nevers	Barrier Beach-Tom Nevers Pond/Undeveloped
92	22	Tom Nevers	Barrier Beach-Tom Nevers Pond/Undeveloped
92	5	Tom Nevers	Barrier Beach-Tom Nevers Pond/Undeveloped

Sector 7 – Town Taken Roads

Western Avenue	Surfside Road	Nonantum Road (end of pavement)
Tom Nevers Road	South Road	Low Beach Road

Sector Specific Information:

Erosion Control

- 1) The Town should maintain communication with the Airport regarding their plan for dealing with future erosion issues. Any erosion control projects protecting the Airport may impact adjacent Town owned property.
- 2) Trigger points for the Airport runway and Sconset Sewer Beds should be established and the distance to the top of the eroding bank from these locations should be monitored.

3) Hard armoring should only be considered an option for erosion control within Sector 7 surrounding the Airport and Sconset Sewer Beds. All other areas are appropriate for the consideration of softer solutions such as beach nourishment or the consideration of offshore breakwaters.

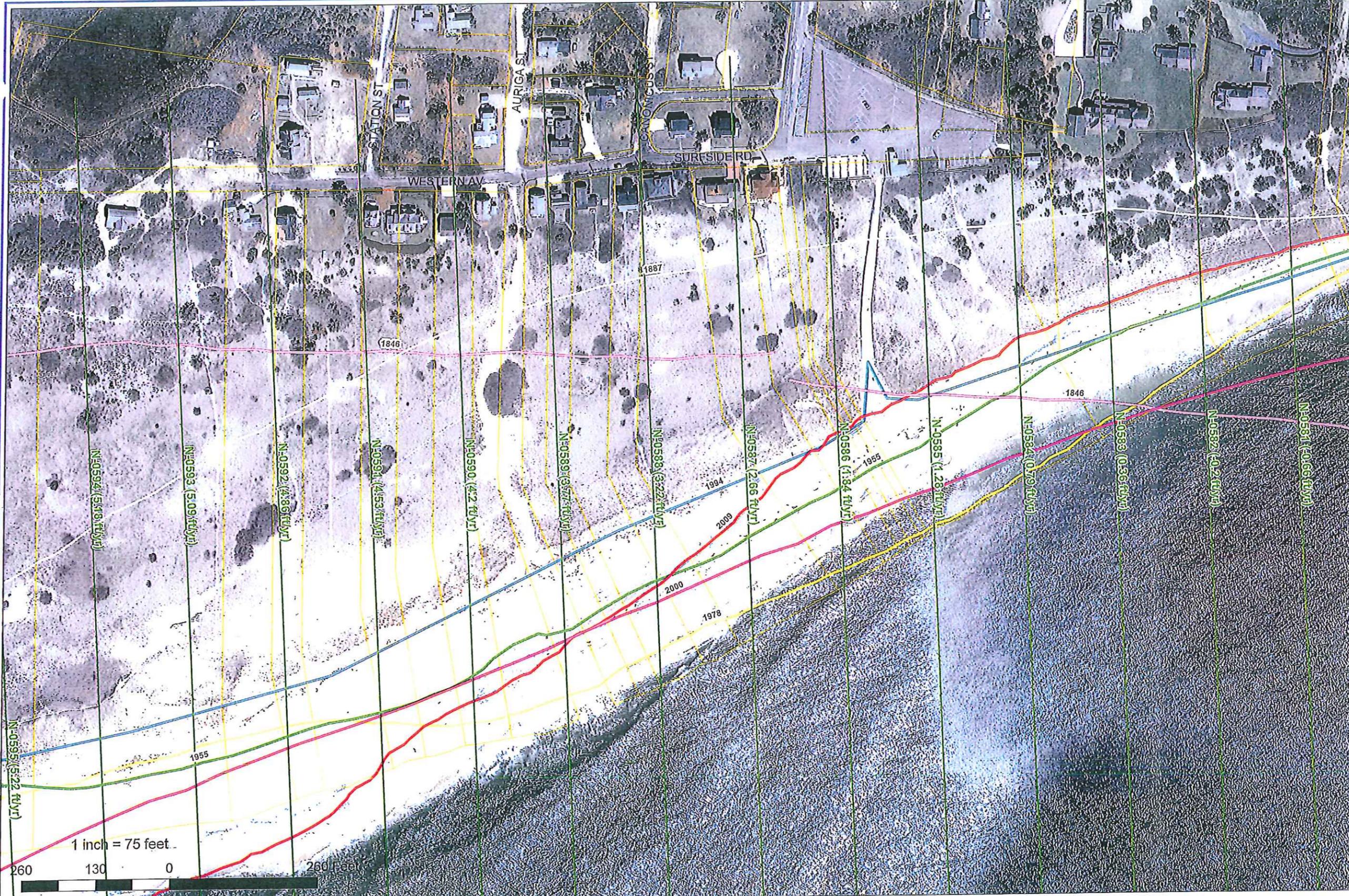
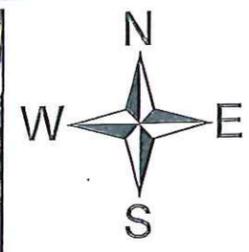
4) The Town may consider beach nourishment programs along Town beaches in Sector 7 to maintain recreation interests in the future.

Beach Access Policy

1) Beach driving currently permitted in this area should be maintained for recreation.

Homeland Security

1) Any specific security precautions surrounding Airport properties may affect this area.



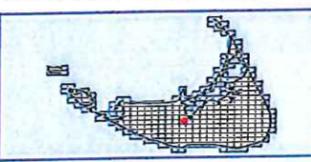
- Legend**
- CZM Transects
 - CZM Historic Shorelines
 - YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
 - Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



**Western Avenue
Surfside Road**

1 inch = 75 feet
260 130 0 260 Feet



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute veracity or reliability of these data or their fitness for any particular use.

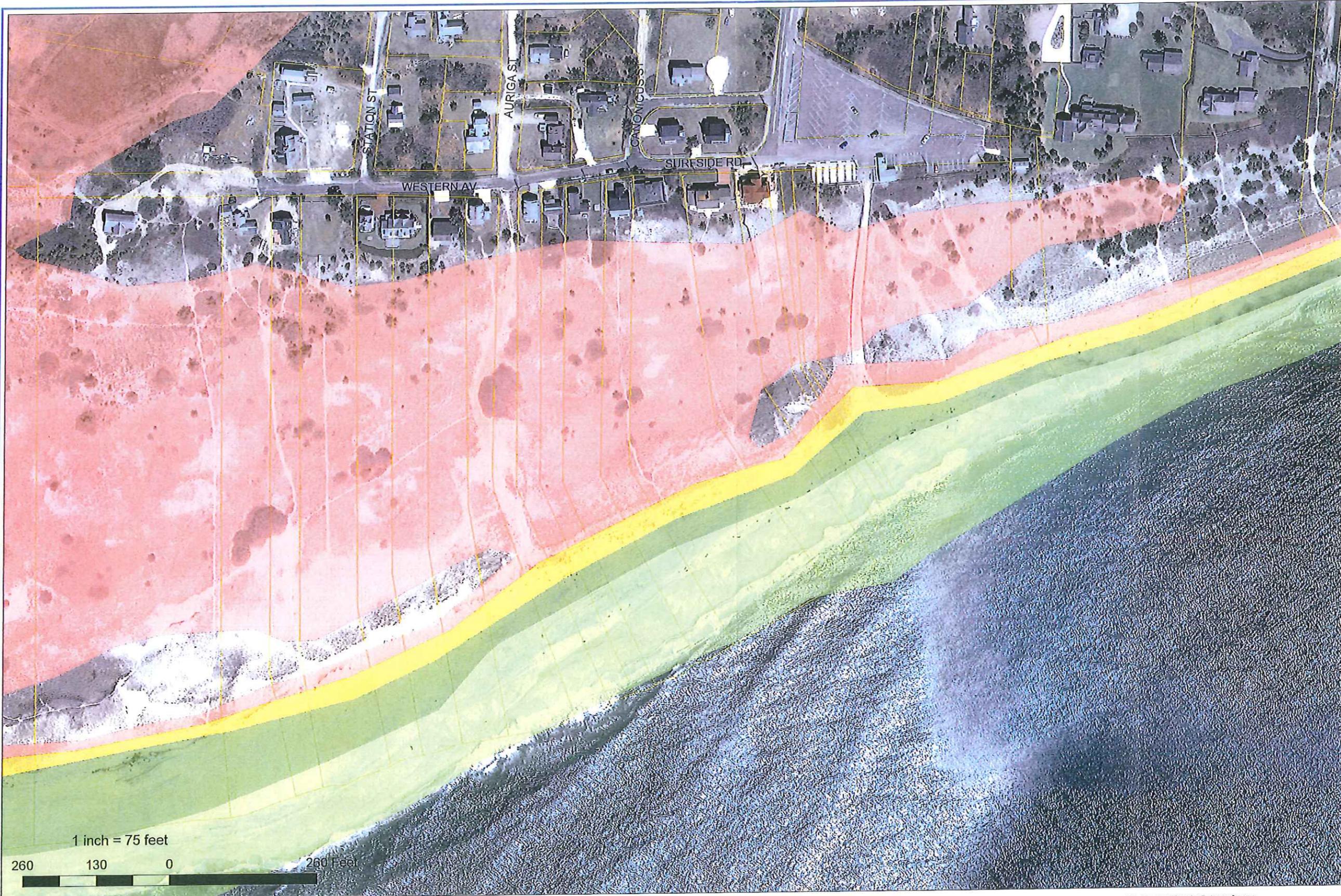
01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and Recreational Use of the Island Agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

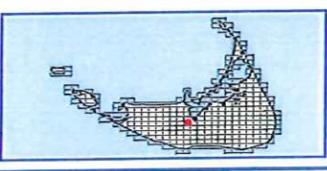


- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



**Western Avenue
 Surfside Road**



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applications for permits and license must require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

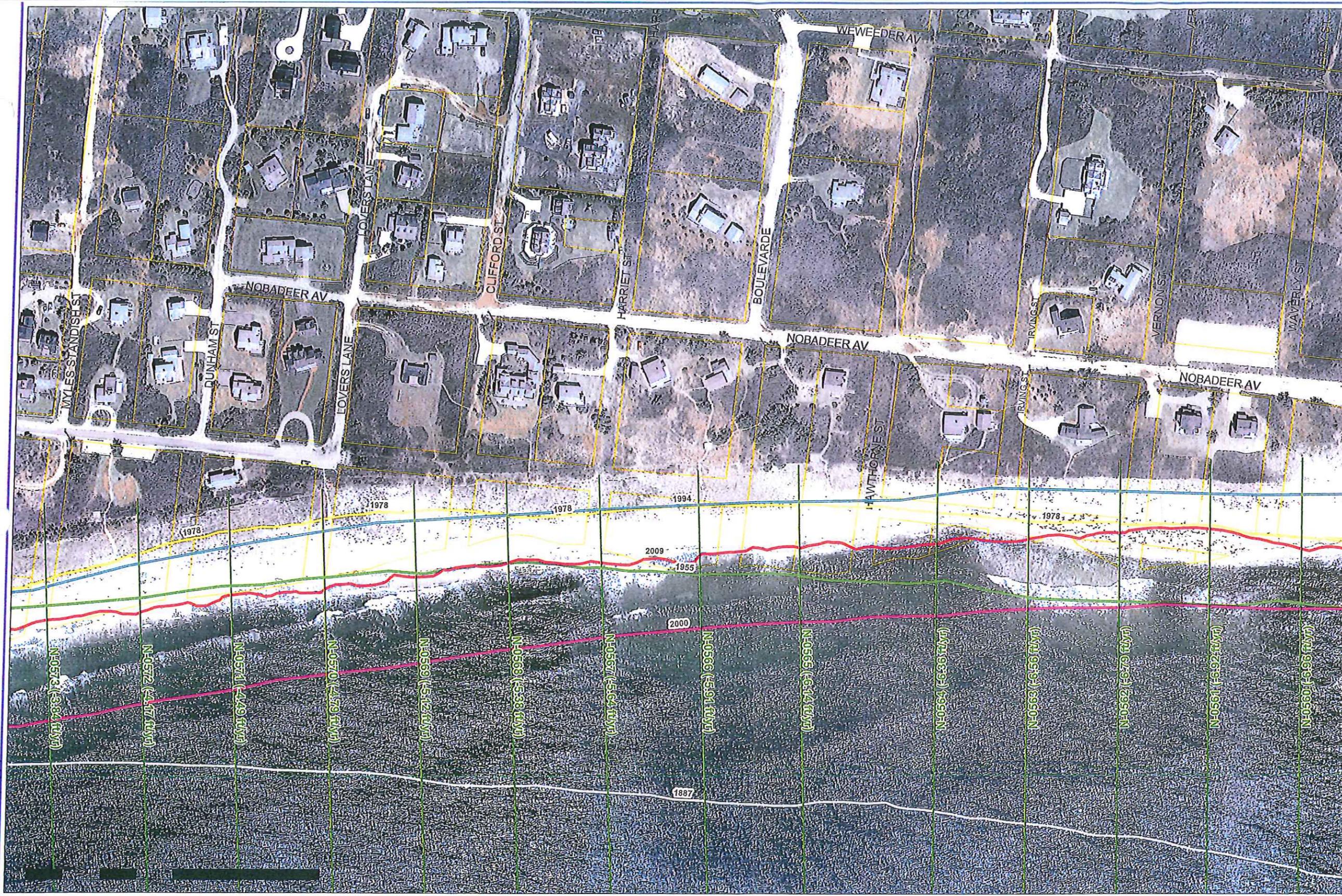
The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Western Avenue/Surfside Road

- ▶ Provide one pedestrian access, delineated by snow fence (current condition)
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Direct runoff from parking lot into a vegetative swale south of the parking lot
 - ▶ Insure that storm drains are maintained and functioning properly
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



Western Ave/Surfside



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR**
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nonantum Avenue

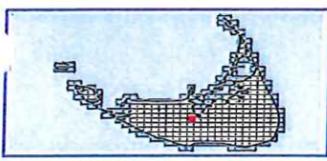
Town of Nantucket - GIS Mapsheet

The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information within the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

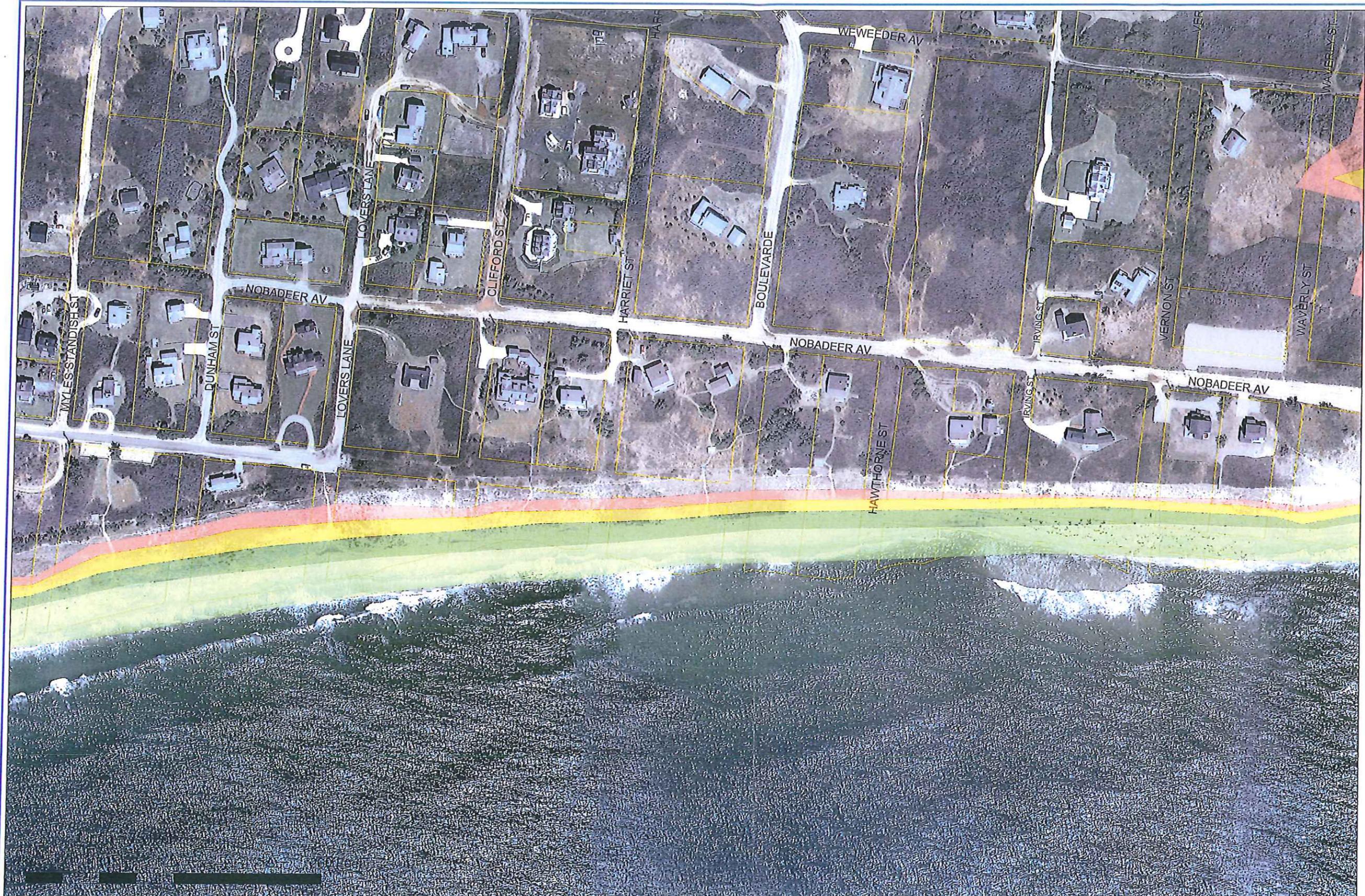
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and Resealsment require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1:100 scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

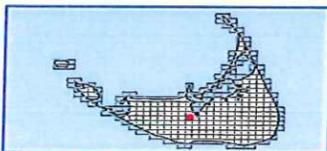


01/30/2014



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
- Parcels**

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS is still maintaining an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The geospatial data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



Nonantum Avenue

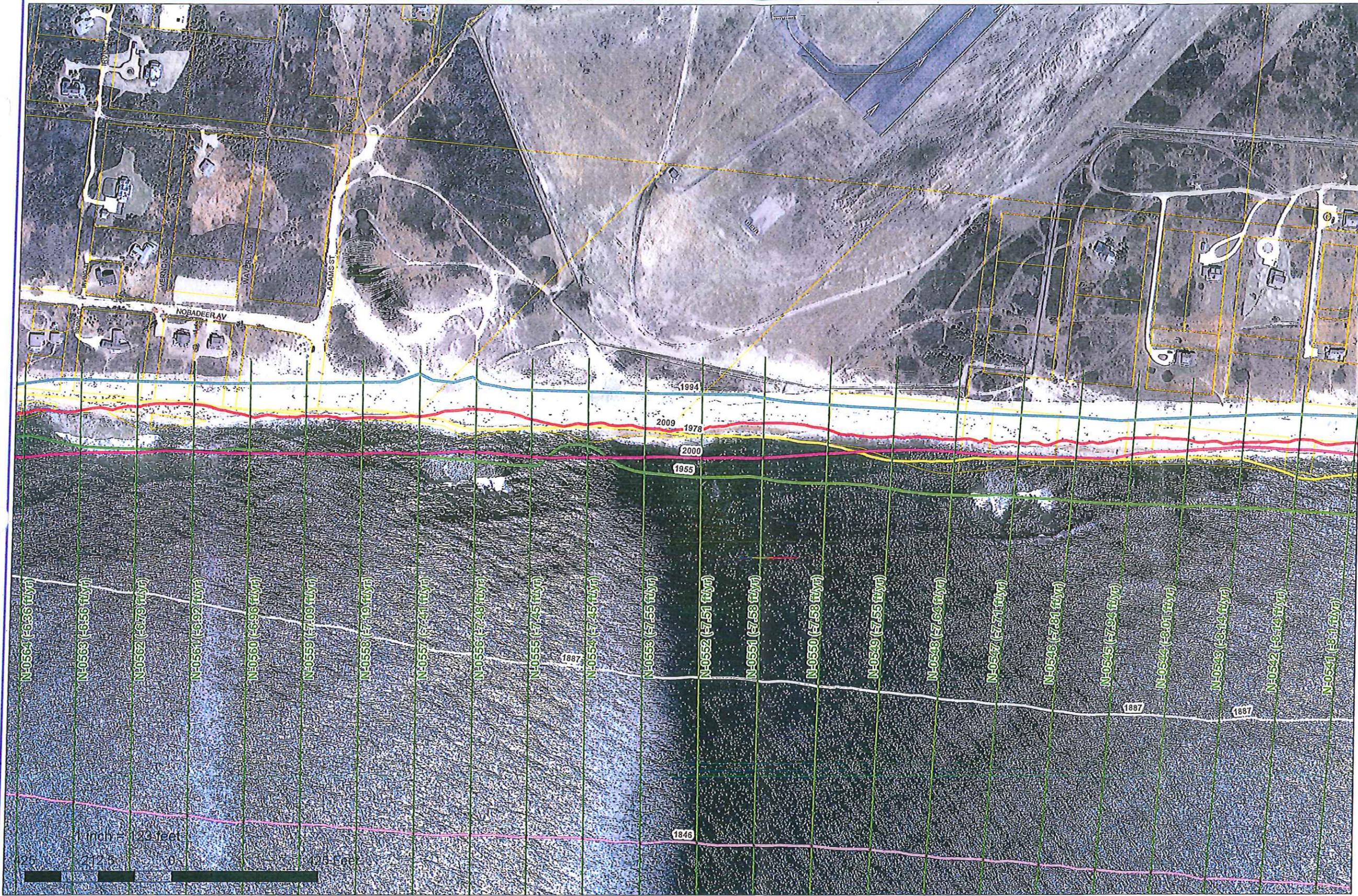
Nonantum Road

- ▶ Provide one pedestrian access, delineated by snow fence (current condition)
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Direct runoff from parking lot and roadway away from the bank
 - ▶ Insure that storm drains are maintained and functioning properly
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 





- Legend**
- CZM Transects
 - CZM Historic Shorelines
 - YEAR**
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
 - ▭ Parcels



Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses should inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

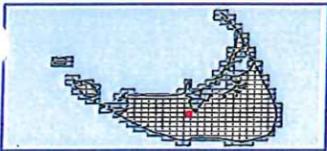
The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPAS Standard for Class 1 Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2014.

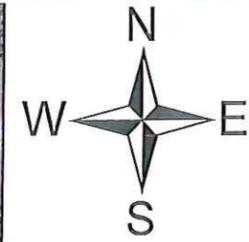
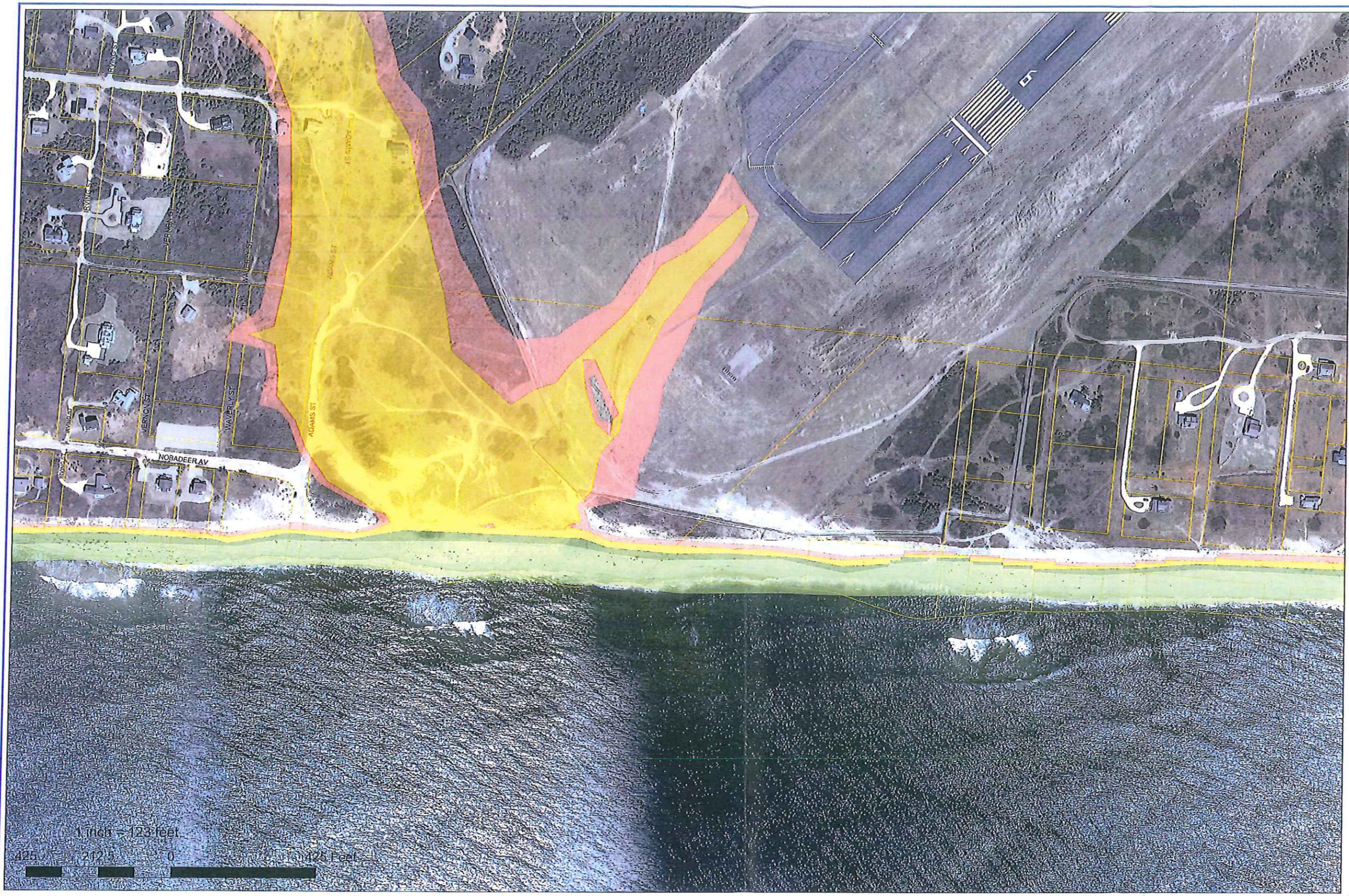
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

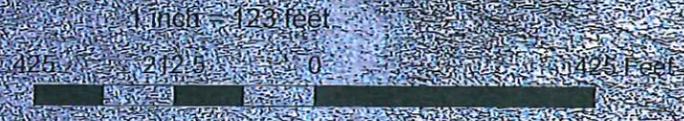
Town of Nantucket - GIS Mapsheet

Airport

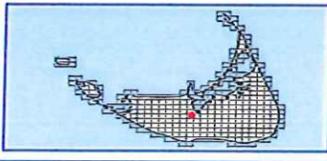




- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels



Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements.

The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon the photography of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



Airport

Airport (end of runway 6)

- ▶ See attached letter form Nantucket Memorial Airport

Town of Nantucket
NANTUCKET MEMORIAL AIRPORT
14 Airport Road
Nantucket Island, Massachusetts 02554

Thomas M. Rafter, Airport Manager
Phone: (508) 325-5300
Fax: (508) 325-5306



Commissioners
Daniel W. Drake, Chairman
Arthur D. Gasbarro, Vice Chair
David C. Gray, Sr.
Andrea N. Planzer
Jeanette D. Topham

February 12, 2014

Dave Fronzuto
Emergency Management Coordinator
4 Fairgrounds Road
Public Safety Facility
Nantucket MA 02554

RE: Airport Coastal Management

Dear Mr. Fronzuto,

Nantucket Memorial Airport is working with Jacobs Engineering Group, the Airport's Master Plan consultant, to evaluate coastline changes at the end of Runway 06. Ongoing coastal processes, as well as modeled scenarios of potential hurricane storm surge may have a future impact on Airport operations.

The Airport has worked closely with the Town of Nantucket Coastal Management Plan Work Group, contributing to the current draft Coastal Management Plan. Through this process, the Working Group and Nantucket Memorial Airport have agreed on a common set of steps, including:

- Ongoing monitoring of Airport-owned beach
- Better definition of pedestrian and vehicle access routes
- Installation of sand fencing and beach grass replanting
- Establishing a list of erosion "trigger points" that effect critical airport infrastructure, and
- Subsequent options for relocation of infrastructure, soft engineering solutions, and hard armoring of the shoreline.

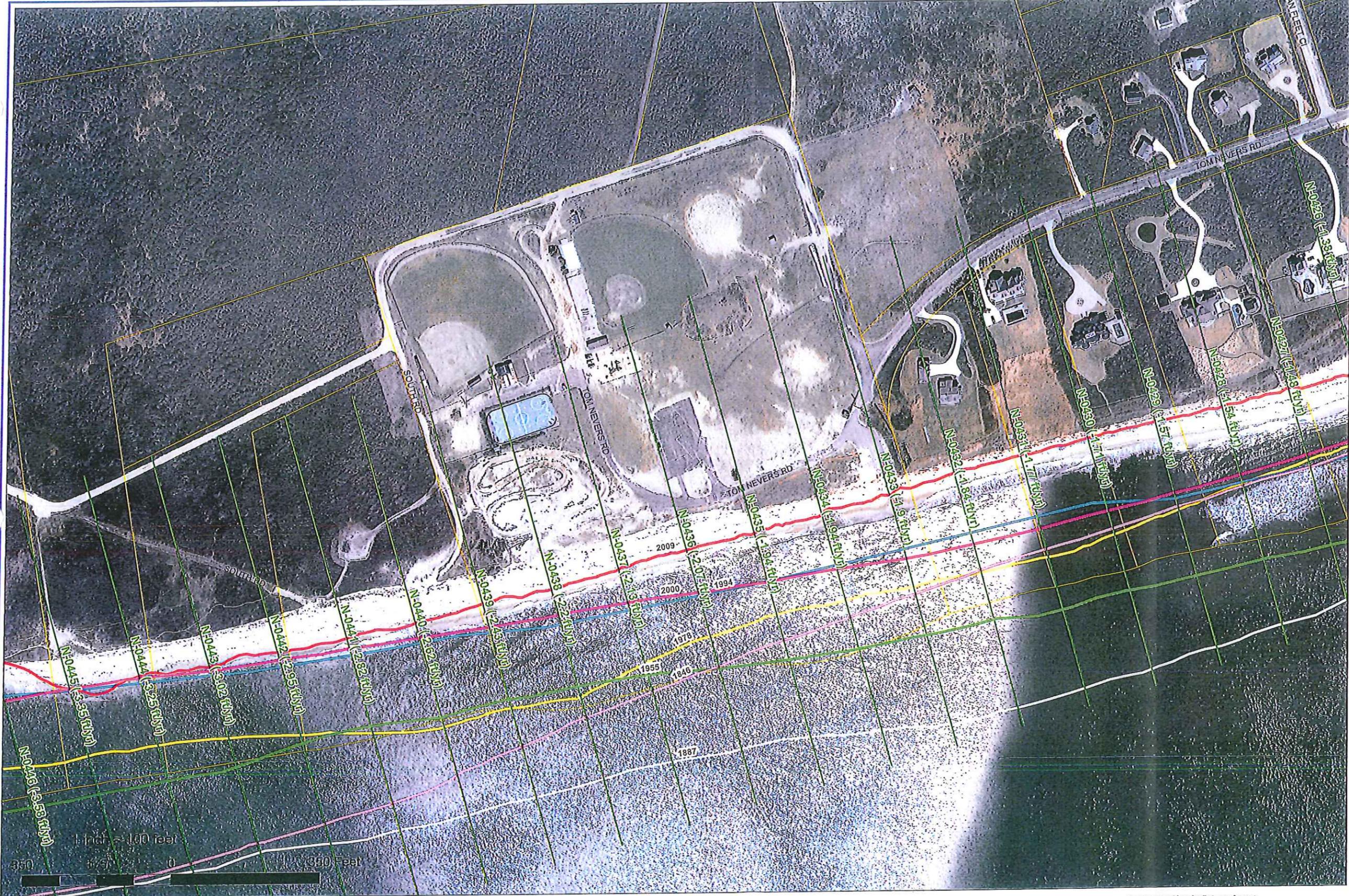
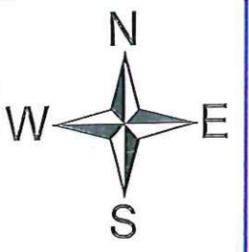
The Airport has reviewed the Draft Nantucket Coastal Management Plan, and believes it to be consistent with our goals and strategies for evaluating coastal processes, and the Airport looks forward to continued involvement with Town as we together address coastal changes.

Sincerely,

Tom Rafter,
Airport Manager



Airport



- Legend**
- CZM Transects
 - CZM Historic Shorelines
 - YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
 - Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licensure must consult the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

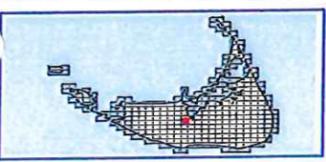
The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

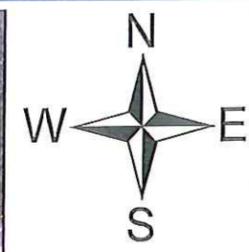
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

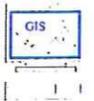
Low Beach Road





- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information within the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASCE/FGS Standard for Class I Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

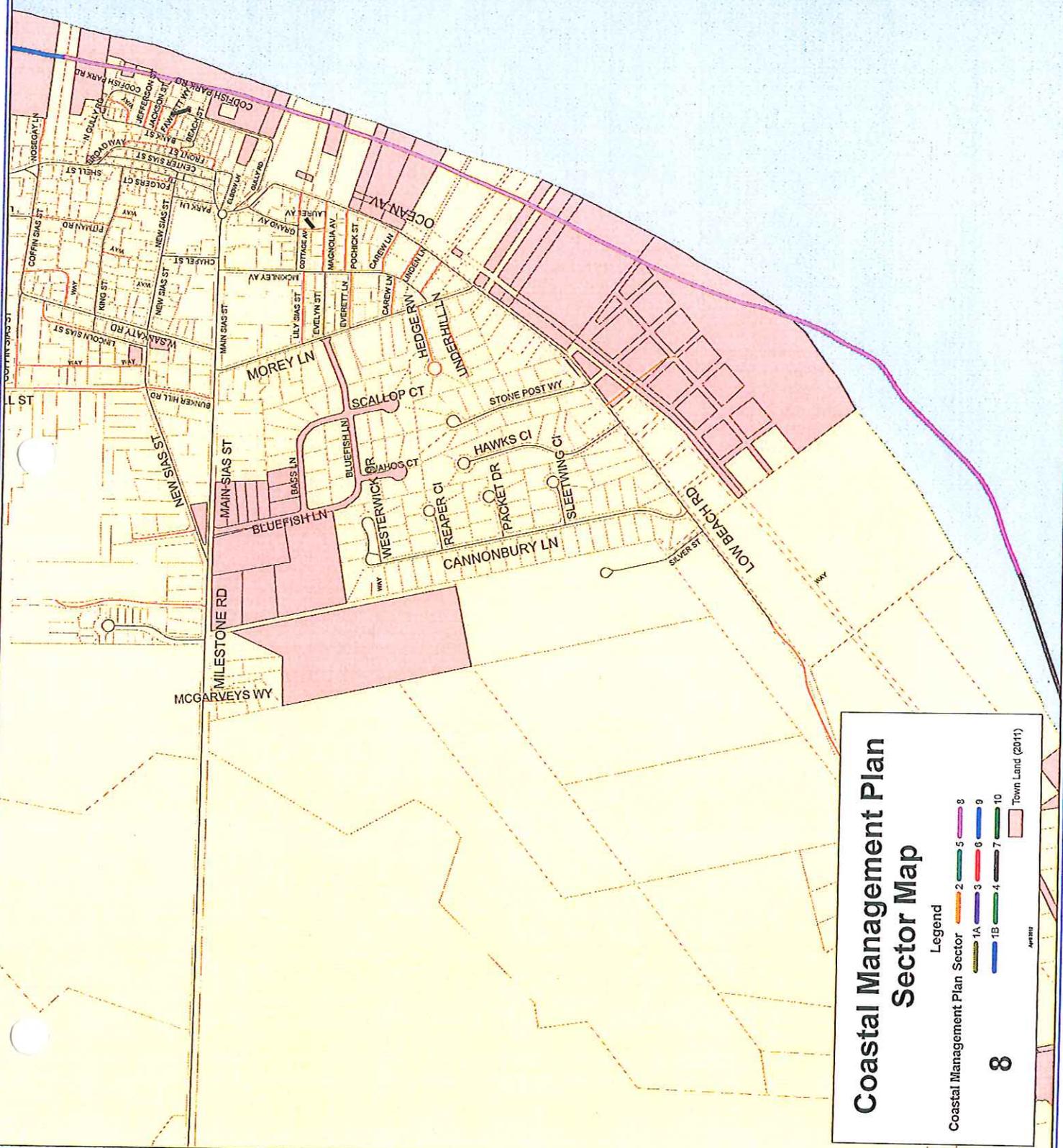
Tom Nevers

Tom Nevers Road

- ▶ Provide one pedestrian access, delineated by snow fence to the beach at the lowest most traveled point, adjust for changing conditions
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Remove any pavement abutting the top of the bank, slope drainage away from the eroding bank,
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



Tom Nevers Road



Coastal Management Plan Sector Map

Legend

Coastal Management Plan Sector	2	5	8
	1A	3	6
	1B	4	7
		10	
			Town Land (2011)

8

SECTOR 8

Sector Summary:

Sector 8 includes all Town owned coastal properties from 54 Low Beach Road (Map 74 Parcel 4) north to 43 Shell Street (Map 73.1.3 Parcel 4).

Town Resources within Sector:

Sector 8 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
74	73	Low Beach Road	Public Access/Undeveloped
74	66	Low Beach Road	Undeveloped
73.2.4	51	5 Codfish Park Road	Public Beach
73.1.3	21	21 Codfish Park Road	Undeveloped
73.1.3	10	2 North Gully Road	Public Beach

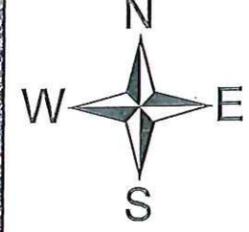
Sector 8 – Town Taken Roads

Low Beach Road	Morey Lane	McKinley Avenue
Gully Road	Bank Street	Front Street
Sankaty Road		

Sector Specific Information:

Alternative Energy

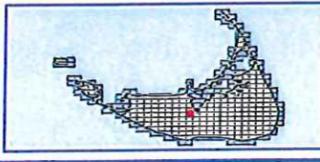
1) Tidal and wave energy exploration should be encouraged in this Sector.



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR**
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile geospatial and related information using the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

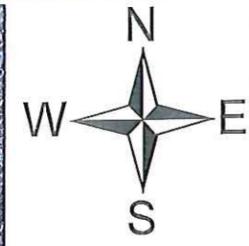
Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2009 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Codfish Park



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554

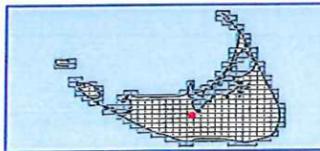


Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements.

The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class II Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

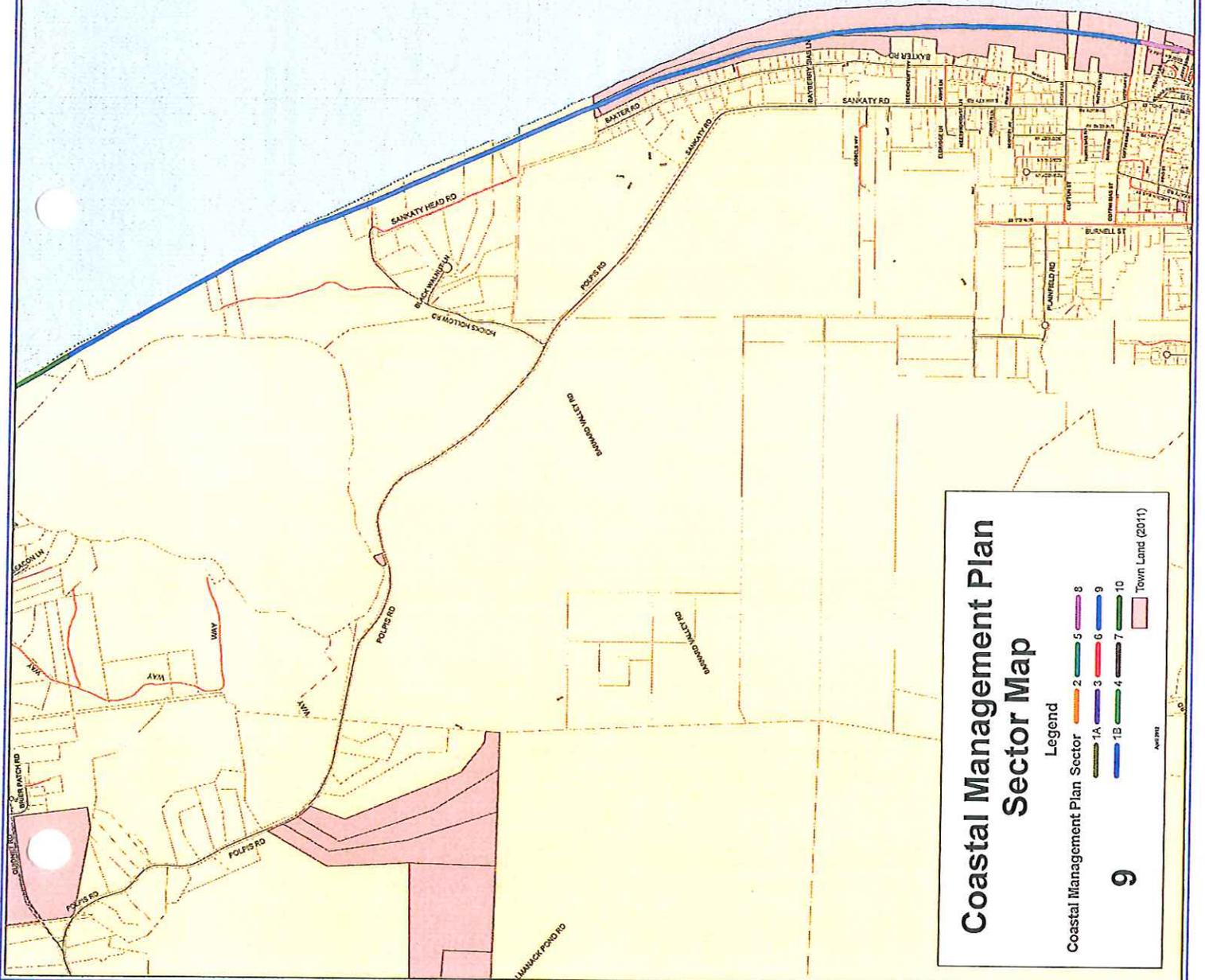
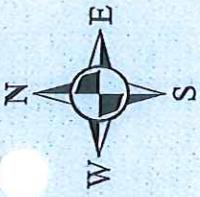
Codfish Park

Codfish Park Road

- ▶ Provide one pedestrian access, delineated by snow fence at the lifeguarded beach
- ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
- ▶ Maintain existing jersey barriers in place and insure plantings and alternative access is suitable
- ▶ Remove sand after storm inundation and return sand (not to be removed for other uses) to the barrier beach for nourishment
- ▶ Continuous monitoring, post storm, photo record
- ▶ Appropriate Signage



Codfish Park Road



Coastal Management Plan Sector Map

Legend

Coastal Management Plan Sector

- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

9

Town Land (2011)

SECTOR 9

Sector Summary:

Sector 9 includes all Town owned coastal properties from 2 Nosegay Lane (Map 73.1.3 Parcel 3) north through 29 Sesachacha Road (Map 21 Parcel 11), also posted as beach access 37/37A.

Town Resources within Sector:

Sector 9 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
73.1.4	48	Baxter Road	Undeveloped/Beach
49	9	Sconset Bluff	Beach/Limited Public Access
48	8	Sconset Bluff	Beach/Limited Public Access
48	6	Plainfield	Undeveloped

Sector 9 – Town Taken Roads

Butterfly Lane	Baxter Road	Polpis Road
Sankaty Road	Hoicks Hollow Road	

Sector Specific Information:

Water Quality

- 1) Sesachacha Pond has been evaluated through the MA Estuaries Project and through the implementation of restoration measures, including the biannual opening of the pond, is the first water body in MA to be removed from the state list of “impaired” water bodies.
- 2) No coastal projects should impair the Town’s ability to open Sesachacha Pond on a biannual basis.
- 3) Access to open Sesachacha Pond via private property should be memorialized/secured into the future.

Habitat

- 1) The Town has documented nesting shorebird habitat within Sector 9, specifically Piping Plover and Least Tern habitat to the north.
- 2) The Division of Marine Fisheries has designated portions of the offshore area in Sector 9 to be Essential Fish Habitat. Any project proposed in this area should be evaluated for impacts to this habitat.

Beach Access Policy

- 1) Beach driving currently permitted in this area should be maintained for recreation.

Offshore Resources

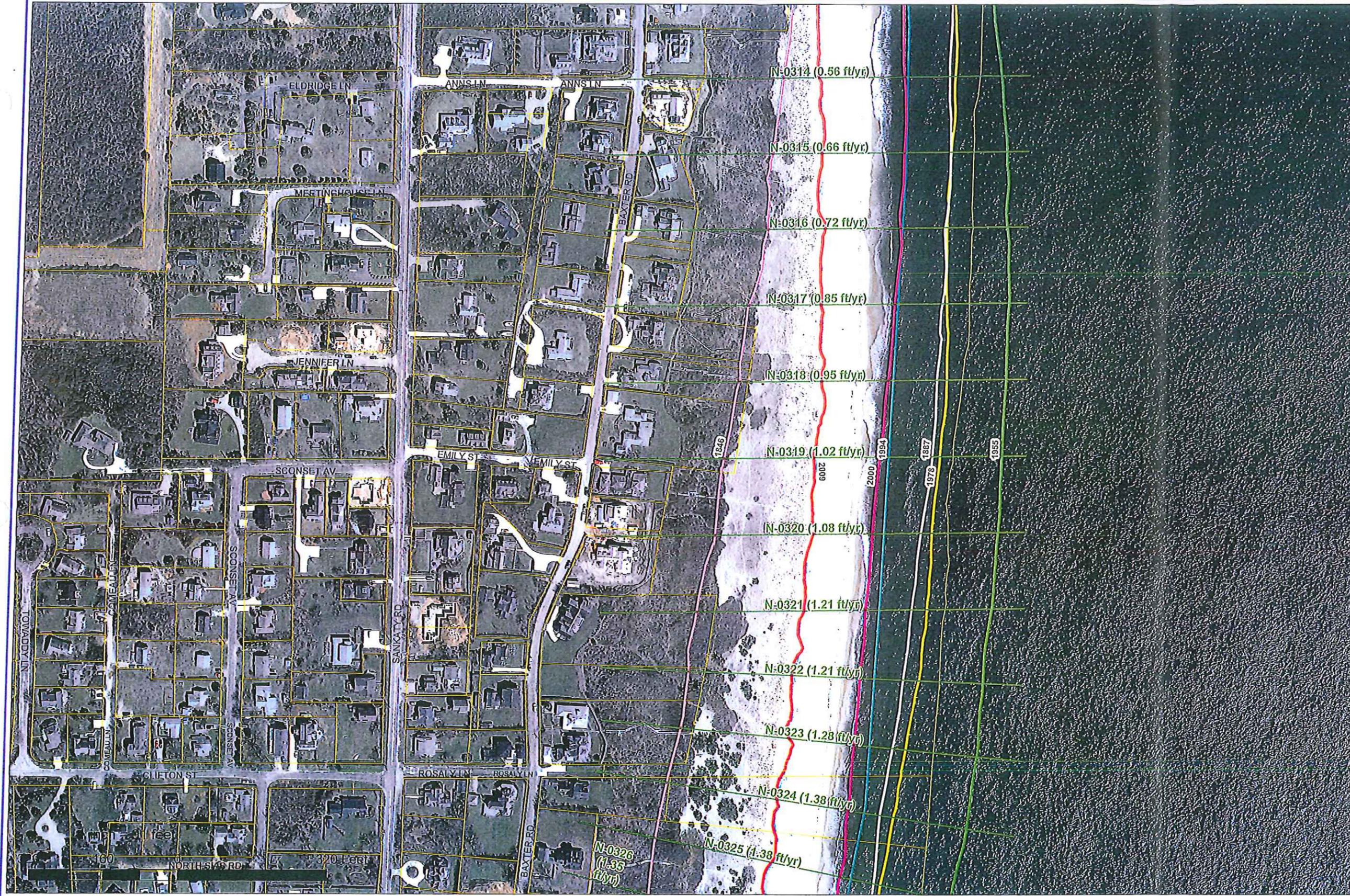
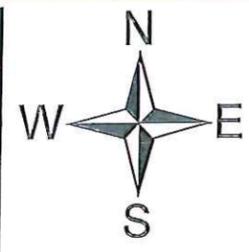
1) Extensive cobble bottom habitat exists that is unique around the island and should be protected. Any project proposed in this area should be evaluated for impacts to this habitat.

Alternative Energy

1) The exploration of tidal and wave energy should be encouraged within Sector 9.

Fisheries

1) The Division of Marine Fisheries has designated portions of the offshore area in Sector 9 to be Essential Fish Habitat. Any project proposed in this area should be evaluated for impacts to this habitat.



- Legend**
- CZM Transects
 - CZM Historic Shorelines
 - YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
 - Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fatgrounds Rd
Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal require the review and agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

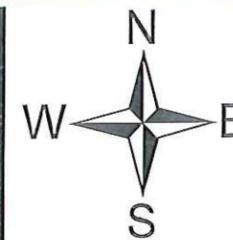
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile and/or update geographical and related information using the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Baxter Road South





Legend

Hurricane Surge (Worst Case Flooding)

- Category 1
- Category 2
- Category 3
- Category 4

Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Baxter Road South

The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access. The geospatial data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASP RS Standard for Class 1 Map Accuracy for the 1:50' scale range. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Baxter Road South

- ▶ Maintain pedestrian access to beach and bluff walk
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
 - ▶ Any road improvements or maintenance should direct surface runoff away from bank area.
- 



Baxter Road - South



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2013.

Baxter Road Center



Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels



Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal require the relevant agency for applicable requirements.

The presence of information of this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planning data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class I Map Accuracy for 1"=100' scale maps.

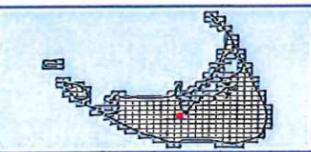
The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

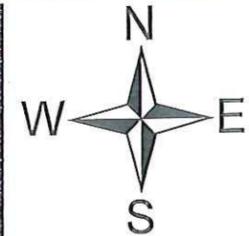
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/03/2014

Town of Nantucket - GIS Mapsheet

**Baxter Road
Bayberry Lane**



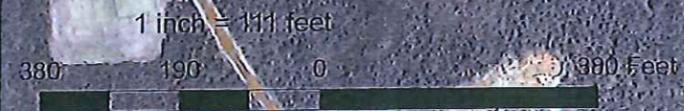


- Legend**
- Hurricane Surge
(Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



**Baxter Road
Bayberry Lane**



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses should inquire of the relevant agency for applicable requirements. The provision of information of this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the tax Assessor's data through December, 2011.

Baxter Road–Bayberry Lane

- ▶ Maintain pedestrian access to beach and bluff walk as deemed appropriate.
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
 - ▶ Any road improvements or maintenance should direct surface runoff away from bank area.
- 



Baxter Road – Bayberry Lane

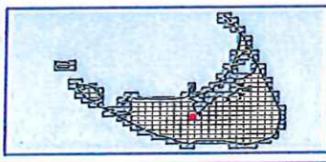


Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

1 inch = 123 feet
0 212.5 425 Feet

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



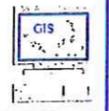
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licensees must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2009 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1:100 scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



**Baxter Road
Sankaty Light**



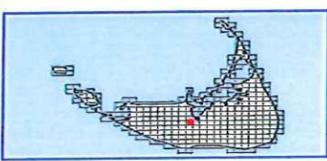
- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and Reassessment Inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for the 100' scale map. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information within the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

**Baxter Road
Sankaty Light**

Baxter Road– Sankaty Head

- ▶ Pedestrian access to lighthouse
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
 - ▶ Any road improvements or maintenance should direct surface runoff away from bank area.
- 



Baxter Road – Sankaty Head



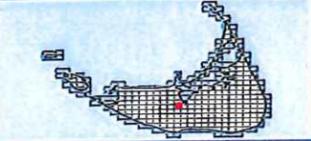
Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Hoicks Hollow Road



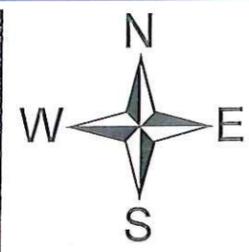
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and Fees must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1:100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

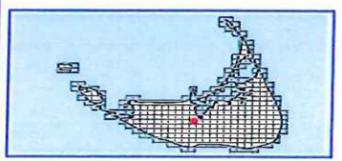


- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Hoicks Hollow Road



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in the data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal require of the relevant agency for applicable requirements.

The precision of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

Hoicks Hollow Road

- ▶ Provide one pedestrian access, delineated by snow fence
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Maintain existing parking lot and redirect run off away from the access
 - ▶ Continue to allow only emergency vehicle access
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 

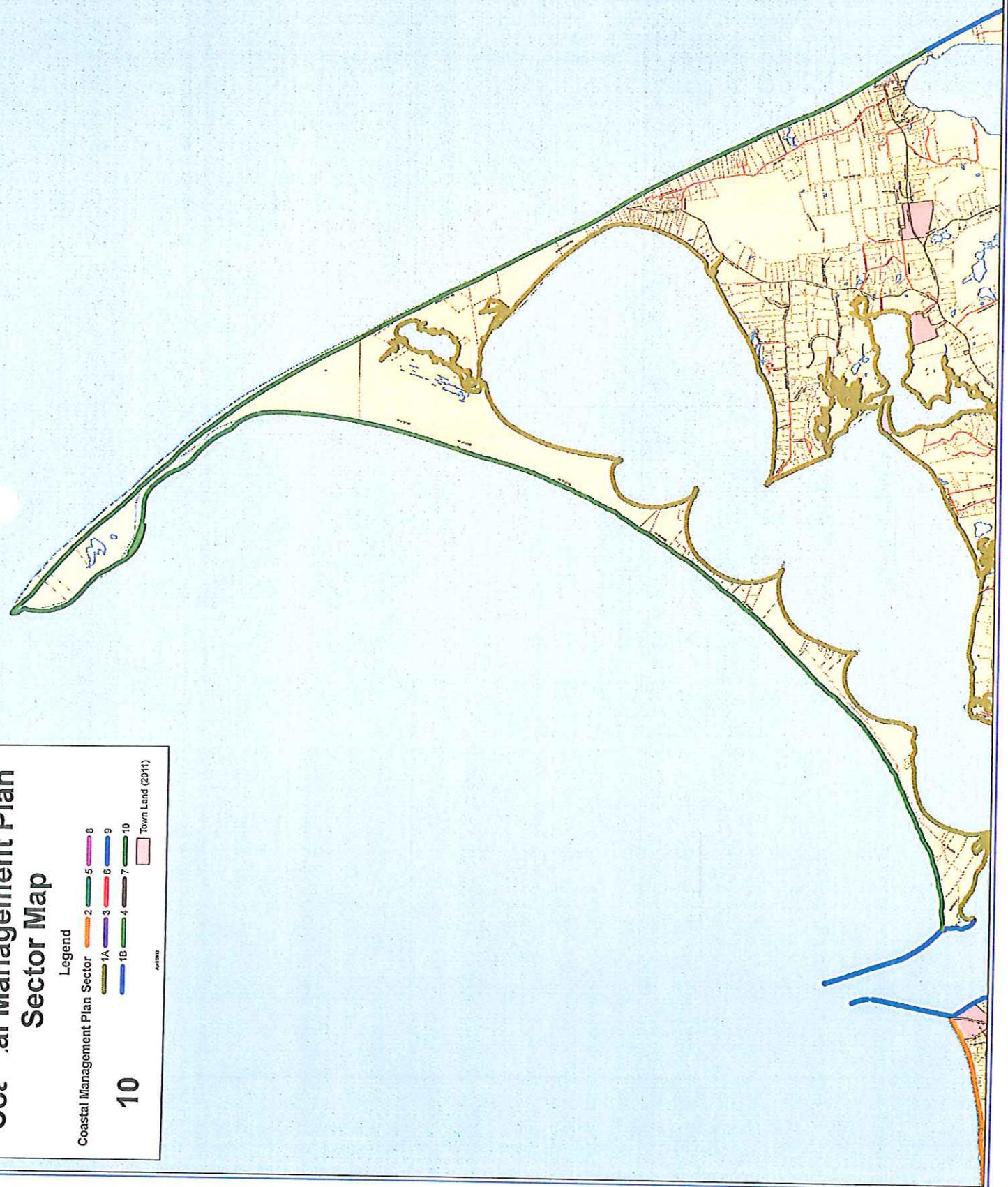
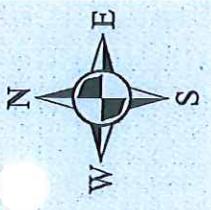


Hoicks Hollow Road

Coastal Management Plan Sector Map

- Legend
- Coastal Management Plan Sector 1A
 - Coastal Management Plan Sector 2
 - Coastal Management Plan Sector 3
 - Coastal Management Plan Sector 4
 - Coastal Management Plan Sector 5
 - Coastal Management Plan Sector 6
 - Coastal Management Plan Sector 7
 - Coastal Management Plan Sector 8
 - Coastal Management Plan Sector 9
 - Coastal Management Plan Sector 10
 - Town Land (2011)

10



SECTOR 10

Sector Summary:

Sector 10 includes all Town owned coastal properties from Rear Quidnet Road (Map 21 Parcel 75), just north of beach access 37/37A, north around Great Point and along the outside of Coatue to the base of the east jetty (Map 29 Parcel 140).

Town Resources within Sector:

Sector 10 – Town and County Owned Land and Development

Map	Parcel	Street Address	Comments
13	19	Squam Road	Public Access

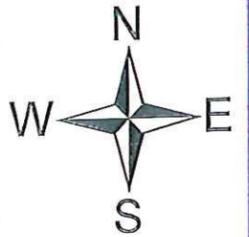
Sector 10 – Town Taken Roads

Polpis Road	Quidnet Road	Sesachacha Road
Wauwinet Road		

Sector Specific Information:

Beach Access Policy

- 1) Beach driving currently permitted in this area should be maintained for recreation.



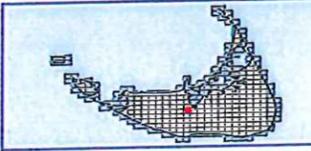
Legend

- CZM Transects
- CZM Historic Shorelines
- YEAR
- 1846
- 1887
- 1955
- 1978
- 1994
- 2000
- 2009
- Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Fairgrounds Rd
Nantucket, MA 02554



Sesachacha Road

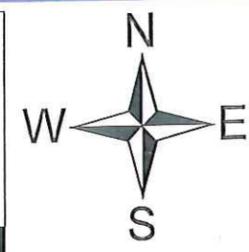


The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and describe pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license renewal require of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access. The planimetric data on this mapsheet is based primarily upon digitization of April, 2008 aerial photography. It was compiled to meet the ASPRS Standards for Class 1 Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

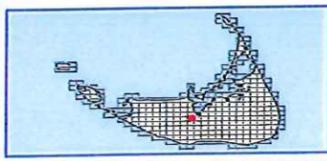
Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Fairgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licensees must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the AGSRS Standard for Class I Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

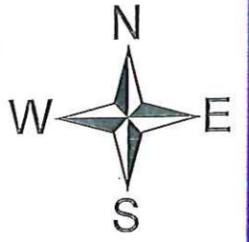
Sesachacha Road

Sesachacha Road

- ▶ Provide vehicular access, when appropriate
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Maintain and encourage use of the parking a lot adjacent to the pond
 - ▶ Memorialize access to be used for contractor to open the pond on an as needed basis
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 



Sesachacha Road



- Legend**
- CZM Transects
 - CZM Historic Shorelines
 - YEAR
 - 1846
 - 1887
 - 1955
 - 1978
 - 1994
 - 2000
 - 2009
 - Parcels

Please send identification of any errors and corresponding corrections to:
GIS Coordinator
Town of Nantucket
2 Falgouts Rd
Nantucket, MA 02554



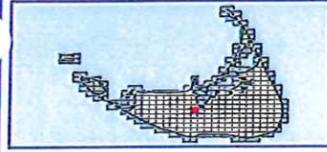
Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and license must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access. The planimetric data on this mapsheet is based primarily upon interpretation of April, 2008 aerial photography. It was compiled to meet the ASPRS Standard for Class 1 Map Accuracy for 1"=100' scale maps. The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.

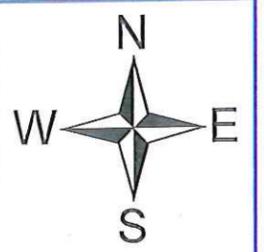
The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/30/2014

Town of Nantucket - GIS Mapsheet

Squam Road





- Legend**
- Hurricane Surge (Worst Case Flooding)**
- Category 1
 - Category 2
 - Category 3
 - Category 4
 - Parcels

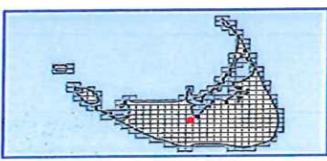
Please send identification of any errors and corresponding corrections to:
 GIS Coordinator
 Town of Nantucket
 2 Falgrounds Rd
 Nantucket, MA 02554



Nantucket governmental agencies will not necessarily approve applications based solely on GIS data. Applicants for permits and licenses must inquire of the relevant agency for applicable requirements. The presence of information on this mapsheet does not necessarily imply public right-of-way or the right of public access.

The planimetric data on this mapsheet is based primarily upon interpretation of April, 2003 aerial photography. It was compiled to meet the ASPRS standard for Class 1 Map Accuracy for 1"=100' scale maps.

The parcel boundaries are based primarily upon the Tax Assessor's data through December, 2011.



The data on this mapsheet represents the efforts of the Town of Nantucket and other cooperating organizations to record and compile pertinent geographical and related information utilizing the capabilities of the Nantucket Geographic Information System (GIS). The GIS staff maintains an ongoing program to record and correct errors in these data that are brought to its attention. The Town of Nantucket makes no claims as to the absolute validity or reliability of these data or their fitness for any particular use.

01/20/2014

Town of Nantucket - GIS Mapsheet

Squam Road

Squam Road

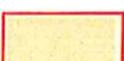
- ▶ Provide one pedestrian access, delineated by snow fence
 - ▶ Provide beach nourishment and plant native, salt tolerant vegetation to stabilize bank slope
 - ▶ Continuous monitoring, post storm, photo record
 - ▶ Appropriate Signage
- 

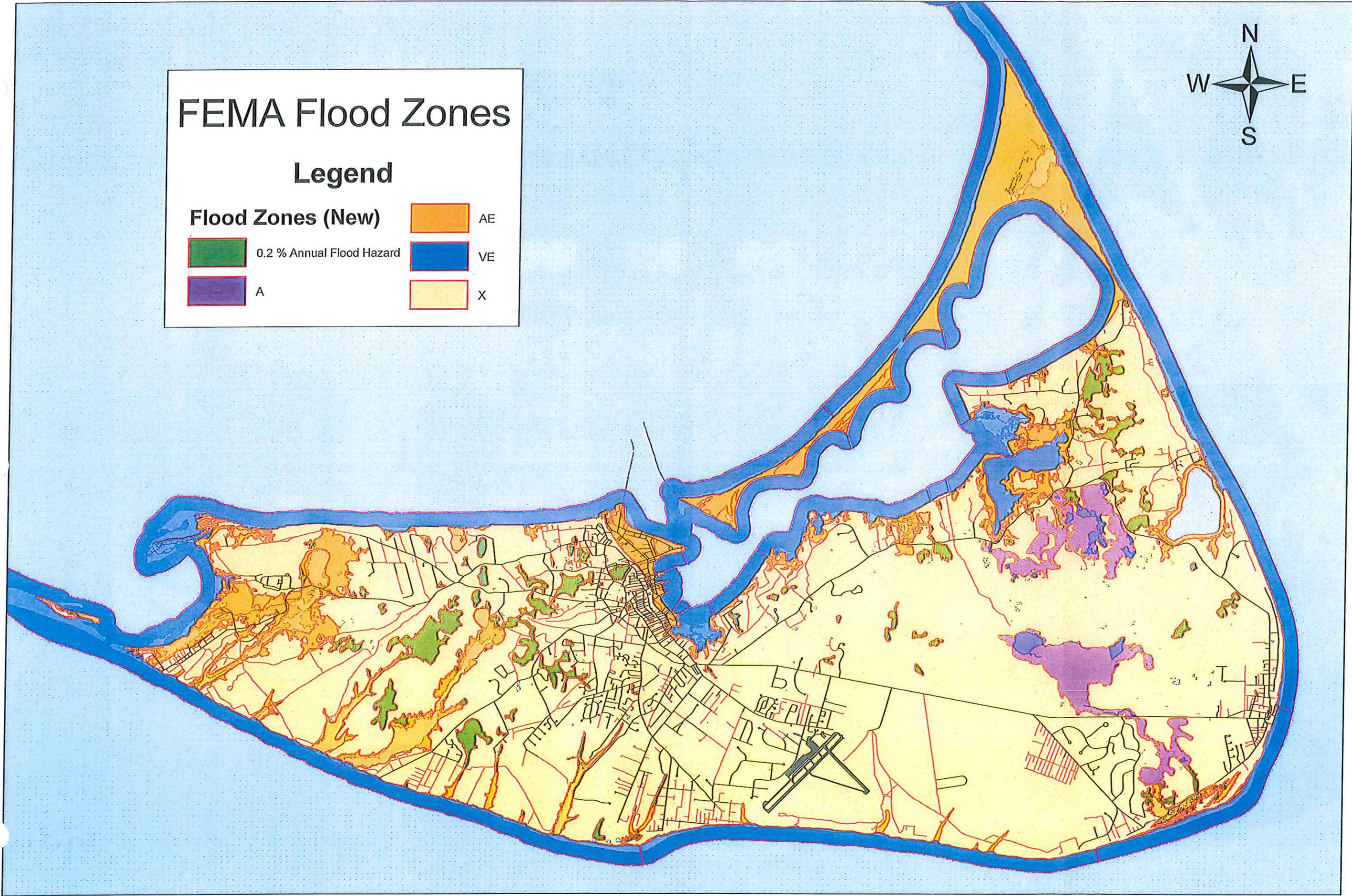
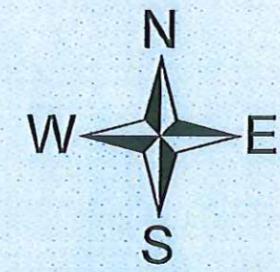


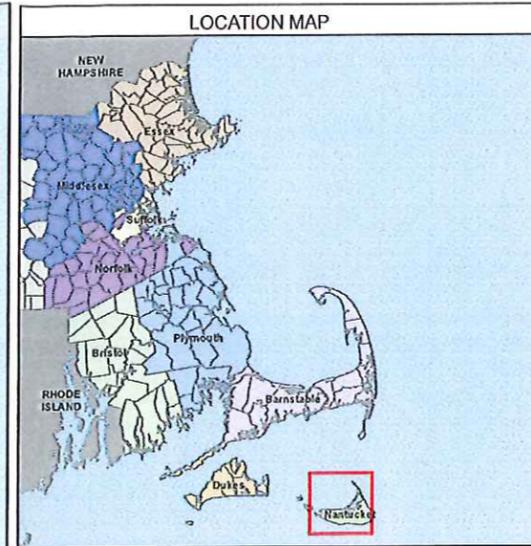
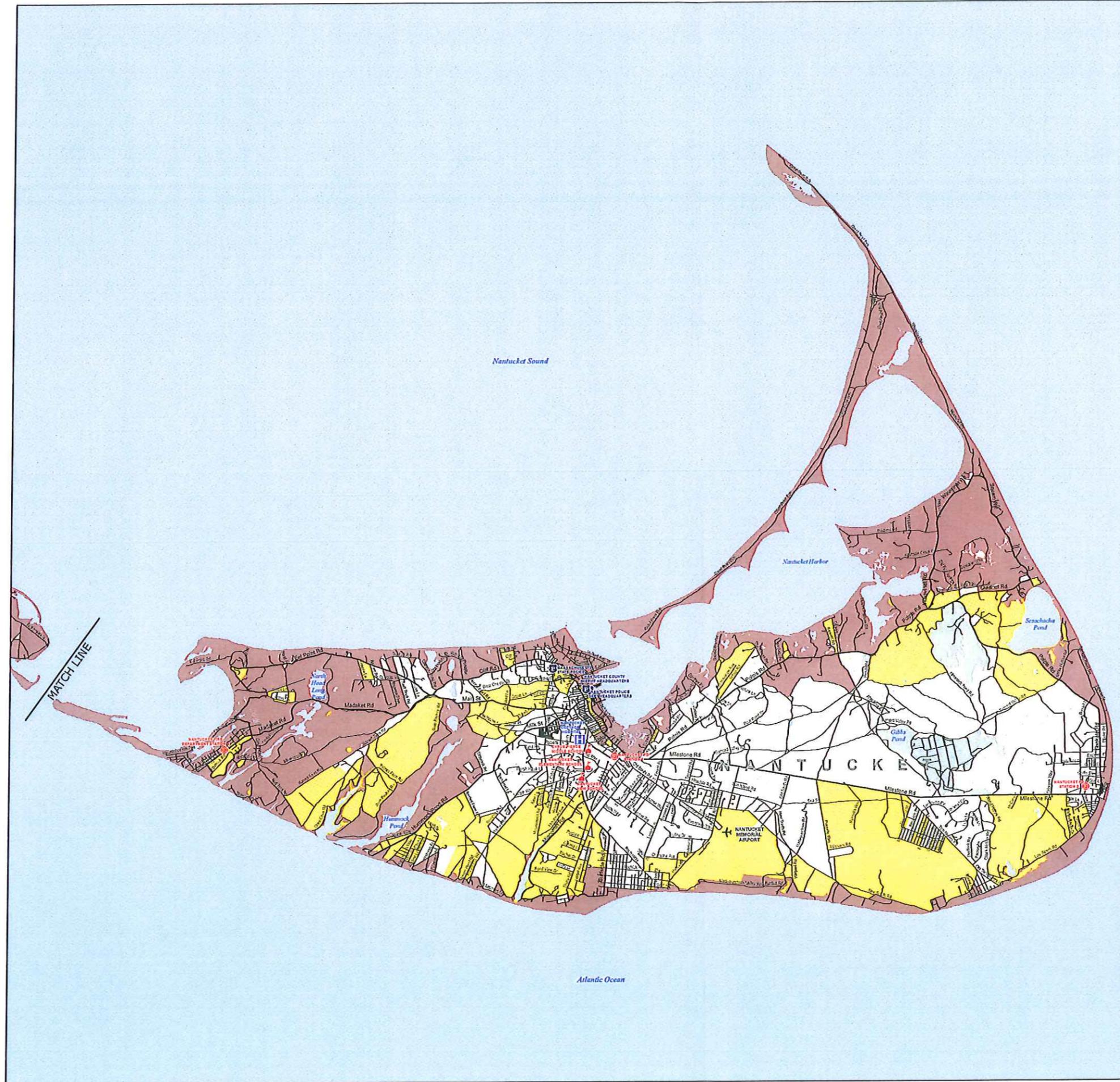
Squam Road

FEMA Flood Zones

Legend

Flood Zones (New)	
	AE
	0.2 % Annual Flood Hazard
	VE
	A
	X





LEGEND

Hurricane Surge Inundation	Facility Location Key
 Zone A (Category 1 & 2)	Hospitals
 Zone B (Category 3 & 4)	Schools
 FEMA 100 year flood zone	Police
Transportation	Hydrographic Features
Limited Access Highway	Water
US Highways	Wetlands
State/Local Highways	Political
Local Road	Town Boundary
Railroad	State Boundary
Airport	

NOTES & SOURCES

This map shows shaded Hurricane Evacuation Zones that are recommended to be evacuated from potential worst-case Hurricane Surge Inundation. Inland areas which may be exposed to fresh water flooding only are not included in the Evacuation Zones.

Evacuation Zone "A", shown in red, is recommended to be evacuated prior to an expected category 1 or 2 hurricane. Evacuation Zone "B", shown in yellow, is recommended to be evacuated prior to an expected category 3 or 4 hurricane.

Hurricane surge elevations were determined by the National Hurricane Center using the PV2 SLOSH model basin, and assumed peak hurricane surge arriving at mean high water.

The Evacuation Zones are based on the Hurricane Surge Inundation that can be expected to result from a worst case combination of hurricane landfall location, forward speed and direction for each hurricane category. For the Hurricane Surge Inundation Areas, see the map series entitled "Massachusetts Hurricane Evacuation Study, Hurricane Surge Inundation Mapping", March, 2013.

The source of the basemap transportation features such as roads and railroads is Tele Atlas 2009. The source of other basemap features is MASSGIS.

DRAFT

The horizontal projection of this map is Massachusetts State Plane NAD83 feet.

TITLE

Massachusetts Hurricane Evacuation Study
Hurricane Evacuation Mapping
April 2013
NANTUCKET

0 2000 4000 Feet

Performance Matrix:

The following recommended action items may include additional cost-related activities, resources, equipment, and programs that will be needed for implementation. Additional funding will be necessary to obtain these goals, and it is recommended that the Board of Selectmen actively seek funding, as appropriate, for the successful implementation of the Plan.

Sector Specific Action Items *(Responsibility for and prioritization of the following action items to be designated by the Coastal Management Plan Implementation Committee)*

Sector 2 - Action Item
<ol style="list-style-type: none"><u>1.</u> The Town should monitor the implications of continued erosion in front of the infrastructure at Dionis Beach.

Sector 3 - Action Item
<ol style="list-style-type: none"><u>1.</u> Establish long term parking and boat access for Tuckernuck and Muskeget property owners within the Madaket Harbor/Hither Creek area.

Sector 4 - Action Item
<ol style="list-style-type: none"><u>1.</u> An emergency access plan should be established with the Tuckernuck Island Landowners Association (TILA).

Sector 6 - Action Items
<ol style="list-style-type: none">1. The Town should continue to prioritize the monitoring of erosion in front of the sewer beds. This critical public infrastructure may need protection by an erosion control project in the future.2. Actionable “trigger points” will be established and the distance from the eroding bank to the closest sewer bed will be monitored. When the trigger point is reached, plans must be drawn up to address erosion or relocate.

Sector 7 - Action Item
<ol style="list-style-type: none">1. Trigger points for the Airport runway and Sconset Sewer Beds should be

established and the distance to the top of the eroding bank from these locations should be monitored.

Sector 8 - Action Item

- 1.** Develop a maintenance and alternate access plan for Codfish Park Road that includes the management of sand and the Coastal Dune and its natural migration

Island Wide Action Items *(Responsibility for and prioritization of the following action items to be designated by the Coastal Management Plan Implementation Committee)*

Island Wide Action Items

- 1.** As recommended in the Harbor Plan (HP), it is here recommended that the Town should establish a pond management committee or water quality management committee to address the Town's fresh and coastal water quality needs.
- 2.** The Town should make it a priority to continue working with appropriate state agencies and with the Army Corps of Engineers to maintain the Jetties. This is necessary for improved navigation, safety and maintenance of the Nantucket Harbor channel as well as for improved water quality and to alleviate flooding of the downtown area during storm events.
- 3.** A regulation should be established to require insurance (in the form of bond(s), escrow account(s) or the like) of any and all parties that receive permits to construct new or maintain any existing coastal management or erosion control projects on Town owned property. These accounts will provide funding for any action necessary to stabilize the site or for the removal or clean up of any debris that becomes hazardous to vessels, the public or natural resources.
- 4.** The Town should identify how best to institute the following policy: In the event that a coastal erosion project is proposed on a property containing a One Big Beach easement, the easement/public access must be maintained by the property owner.

5. The Town should produce a Vulnerability Study/Plan to identify those properties and infrastructure(s) in danger of being damaged or compromised by erosion or coastal storms. These assets should be prioritized and a Committee or Work Group should be established to plan for and implement emergency response (including maintenance, protection, relocation or removal) when necessary.

6. Many public/beach access points are experiencing accelerated erosion from adjacent land use and conditions or infrastructure. A list of these areas should be identified and the Town should begin to implement mitigation measures wherever possible.

7. The Town should address restricted building height in areas of the island where it is in conflict with state requirements for flood zone compliance.

8. The Town should seek funding or use other means to update Nantucket's All Hazard Mitigation Plan, which expired in 2012, and which identifies all potential hazards for the island. It includes a basic vulnerability study and could be a very valuable tool in conjunction with this Plan to prioritize and address coastal hazards. It is also a requirement for all hazard mitigation funding to maintain an updated All Hazard Mitigation Plan.

9. Establish a system to identify and mark all natural or man-made structures or debris that pose a threat as a coastal hazard to vessels, the public, natural resources or other infrastructure.

10. The Town should perform an annual evaluation of Town land lost due to erosion. A list of the top 10 or 20 sights should be identified for monitoring (site list to be updated with this Plan).

11. Implementation: The workgroup recommends that the Board of Selectmen appoint an Implementation Committee for this plan to include, but not be limited to, a member of the Department of Public Works, a member of the Office of Emergency Management, a member of the Natural Resources Department, a member of the Conservation Commission, and three at large members for a total of 7 members. Plans are only as effective as the implementation that follows their adoption.

Other Points to Include

- 1) Evaluate and fix end of Hummock Pond Road
- 2) Direct beach access at Town beaches as appropriate to prevent unnecessary increase in erosion of dunes and beaches
- 3) Prepare a managed retreat plan for coastal roads (including alternative access and utility retreat)
- 3) Is state money available to assist with removal of offshore and near shore debris that has been abandoned?
- 4) Annual evaluation of the Loss of Town land due to erosion. Top 10 or 20 sites identified for monitoring (site list to be updated with this Plan)
- 5) CZM's Shoreline Change Maps?
- 6) In its charge CMPWG was directed to: *"Identify known erosion-control methods or approaches and evaluate them in terms of industry standards, environmental impact, cost, public access and benefit, as well as where these methods or approaches would best work or not work at the town-owned property locations based on physical characteristics and any other conditions."*
- 7) The Committee previously discussed identifying appropriate procedures for applying to do work on coastal properties (also under emergency conditions).
- 8) List current policies and plans that include available data on resources (including Town of Nantucket GIS) for *Data Accessibility*.

Appendix of Town Plans

Town of Nantucket Master Plan

Harbor Plan

Beach Management Plan

Shellfish Plan

MA Estuaries Report

List of Agencies with Coastal Jurisdiction

Description of permitting process for coastal projects

Description of process for obtaining an emergency permit for coastal projects

DRAFT

Description of Filing Process for Coastal Projects

This section is meant to be a basic outline of the filing process for coastal projects with the Nantucket Conservation Commission. Please consult Commission staff, a licensed engineer, licensed land surveyor or resource area specialist to best prepare an application. Applicants are also required to get all other necessary permits before beginning any work.

Any work within a resource area (Coastal Dune, Coastal Bank, Vegetated Wetland, etc.) or within 100' feet of that resource area requires a filing with the Nantucket Conservation Commission. This guide will cover an application being filed within a Coastal Resource Area. Applicants wishing to do work in this area are required to file a Notice of Intent. A Notice of Intent is an application that covers the Commonwealth of Massachusetts Wetlands Protection Act, with its accompanying regulations and the Town of Nantucket Wetlands Bylaw with its accompanying regulations. Applications are required to include:

- Notice of Intent Application Packet with appropriate filing fees
- Certified Abutters List from the Town of Nantucket Assessor's Office
- Proof of Abutter Notification
- A stamped plan set showing the current resource area delineations and project as proposed.
- Project Narrative explaining the project its impacts, mitigation if appropriate, function of the project, and how the project will be monitored and evaluated over time.
- Waiver requests as needed
- Other project information as needed

The burden of proof is the applicant's responsibility for a filing with the Conservation Commission. Upon completing the filing package the applicant will be required to present the project to the Commission at an advertised public hearing for any questions both from the Commission and the public. Upon closing the public hearing the Commission deliberates the project and issues either a positive or negative Order of Conditions. If there are questions about this process please contact the Town of Nantucket Natural Resources Department.

Emergency Projects

Emergency certifications may be requested from the Nantucket Conservation Commission as well. Projects proposed under this provision must be only the work necessary to abate an emergency. These emergencies must be a direct threat to public health and public safety. If you think you maybe in need of an emergency certification please contact the Commission staff.